LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.818	162	167	175	rVB	408832	566370	2.25%	0.276%
2	5.681	479	484	496	rBV	79161	172977	0.69%	0.084%
3	6.051	541	547	556	rVB	176384	324598	1.29%	0.158%
4	6.315	585	592	600	rBV5	49606	117422	0.47%	0.057%
5	6.433	605	612	621	rBV6	40029	93107	0.37%	0.045%
6	6.527	623	628	636	rBV7	53679	124505	0.49%	0.061%
7	6.597	636	640	645	rBV	66460	102886	0.41%	0.050%
8	6.921	691	695	705	rVV3	49698	117128	0.47%	0.057%
9	7.038	705	715	720	rVV2	184185	368079	1.46%	0.179%
10	7.191	736	741	749	rVV3	348642	689121	2.74%	0.335%
11	7.267	749	754	763	rVB5	71880	174324	0.69%	0.085%
12	7.361	763	770	778	rBV2	237895	501623	1.99%	0.244%
13	7.526	790	798	801	rBV4	60501	120179	0.48%	0.058%
14	7.573	801	806	817	rVV2	301018	609786	2.42%	0.297%
15	7.690	818	826	831	rVB2	132453	288708	1.15%	0.140%
16	8.043	878	886	892	rVB3	651875	1276091	5.07%	0.621%
17	8.113	893	898	903	rVB2	52296	98639	0.39%	0.048%
18	8.178	903	909	914	rBV4	63390	143494	0.57%	0.070%
19	8.231	914	918	922	rVB3	75166	97958	0.39%	0.048%
20	8.284	922	927	933	rBV2	118301	255008	1.01%	0.124%
21	8.536	964	970	973	rBV2	82576	137450	0.55%	0.067%
22	8.589	974	979	984	rVV5	161644	362617	1.44%	0.176%
23	8.630	984	986	991	rVB2	77387	98949	0.39%	0.048%
24	8.683	991	995	997	rBV2	114592	171290	0.68%	0.083%
25	8.736	998	1004	1010	rVB4	269399	591512	2.35%	0.288%
26	8.812	1011	1017	1020	rBV2	89147	144960	0.58%	0.071%
27	9.047	1052	1057	1064	rVB4	77614	123394	0.49%	0.060%
28	9.153	1066	1075	1078	rBV2	201368	375118	1.49%	0.182%
29	9.194	1078	1082	1087	rVB	202292	294528	1.17%	0.143%
30	9.406	1114	1118	1125	rVV7	77826	177354	0.70%	0.086%
31	9.488	1127	1132	1134	rBV4	61521	106466	0.42%	0.052%
32	9.629	1151	1156	1160	rBV3	66906	117368	0.47%	0.057%
33	9.682	1160	1165	1170	rBV3	101017	193913	0.77%	0.094%
34	9.735	1170	1174	1179	rVV2	116282	189927	0.75%	0.092%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	9.929	1199	1207	1212	rBV4	315879	659002	2.62%	0.321%
36	10.035	1220	1225	1232	rBV7	120104	271833	1.08%	0.132%
37	10.099	1232	1236	1238	rVV3	83787	119177	0.47%	0.058%
38	10.129	1238	1241	1247	rVB4	114572	177084	0.70%	0.086%
39	10.199	1248	1253	1256	rBV3	94318	151650	0.60%	0.074%
40	10.246	1256	1261	1269	rVV5	147461	407712	1.62%	0.198%
41	10.317	1269	1273	1279	rVB4	115646	201546	0.80%	0.098%
42	10.381	1279	1284	1287	rBV2	55444	92829	0.37%	0.045%
43	10.463	1289	1298	1307	rVB2	356076	804254	3.19%	0.391%
44	10.552	1308	1313	1317	rBV2	85623	140941	0.56%	0.069%
45	10.851	1353	1364	1369	rBV	933720	2032772	8.07%	0.989%
46	10.898	1369	1372	1379	rVV5	169526	384591	1.53%	0.187%
47	10.969	1379	1384	1388	rVV	138768	264199	1.05%	0.129%
48	11.010	1388	1391	1397	rVV	182121	270718	1.08%	0.132%
49	11.069	1397	1401	1409	rVV5	97511	183002	0.73%	0.089%
50	11.145	1410	1414	1419	rVB6	62364	111230	0.44%	0.054%
51	11.268	1430	1435	1442	rVB6	46356	105370	0.42%	0.051%
52	11.345	1444	1448	1455	rVB5	60735	94111	0.37%	0.046%
53	11.509	1472	1476	1480	rBV4	82444	129532	0.51%	0.063%
54	11.562	1480	1485	1491	rVB6	100664	219575	0.87%	0.107%
55	11.621	1491	1495	1501	rVB6	79568	151478	0.60%	0.074%
56	11.686	1501	1506	1513	rBV5	99602	185108	0.74%	0.090%
57	11.768	1514	1520	1526	rVB4	138073	283873	1.13%	0.138%
58	11.874	1533	1538	1542	rBV	179367	305605	1.21%	0.149%
59	11.956	1548	1552	1557	rVB4	89873	160170	0.64%	0.078%
60	12.056	1562	1569	1573	rBV6	53686	121022	0.48%	0.059%
61	12.261	1601	1604	1608	rVB4	65844	98094	0.39%	0.048%
62	12.720	1678	1682	1692	rVB3	83501	163374	0.65%	0.079%
63	13.213	1762	1766	1771	rVB	248196	342016	1.36%	0.166%
64	13.272	1771	1776	1782	rVB7	74119	150329	0.60%	0.073%
65	13.495	1810	1814	1822	rVB4	162514	303920	1.21%	0.148%
66	13.995	1895	1899	1904	rBV3	59053	111023	0.44%	0.054%
67	14.065	1907	1911	1915	rVV	574449	821463	3.26%	0.400%
68	14.112	1915	1919	1923	rVV	314531	523713	2.08%	0.255%
69	14.153	1923	1926	1931	rVB	401359	511701	2.03%	0.249%
70	14.365	1957	1962	1967	rVB	604323	911468	3.62%	0.443%
71	14.512	1982	1987	1992	rVB3	171321	285635	1.13%	0.139%

LSC Area Percent Report

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Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

72	14.570	1992	1997	2004	rBV3	223376	415716	1.65%	0.202%
73	14.670	2005	2014	2021	rVV2	1518304	2642745	10.50%	1.286%
74	14.847	2040	2044	2048	rBV2	201488	322185	1.28%	0.157%
75	15.070	2078	2082	2086	rVB3	156443	206502	0.82%	0.100%
76	15.193	2099	2103	2109	rBV4	166751	274995	1.09%	0.134%
77	15.516	2155	2158	2162	rVB	240481	272378	1.08%	0.132%
78	15.657	2178	2182	2187	rVB	804579	1161737	4.61%	0.565%
79	15.928	2223	2228	2233	rVB	403696	618522	2.46%	0.301%
80	16.380	2301	2305	2306	rBV2	351356	444630	1.77%	0.216%
81	16.404	2306	2309	2315	rVB	793692	1108152	4.40%	0.539%
82	17.173	2437	2440	2444	rBV2	277196	335580	1.33%	0.163%
83	17.226	2445	2449	2454	rVV	587186	847062	3.36%	0.412%
84	17.414	2476	2481	2486	rBV2	1528388	2337762	9.29%	1.137%
85	17.508	2494	2497	2501	rVB2	628773	861928	3.42%	0.419%
86	18.313	2631	2634	2641	rVB2	1390445	1897489	7.54%	0.923%
87	18.701	2696	2700	2709	rVB2	1359681	2495846	9.91%	1.214%
88	19.042	2752	2758	2763	rBV	13207536	20057601	79.68%	9.757%
89	19.159	2775	2778	2783	rVB2	1642139	2163691	8.60%	1.053%
90	19.465	2827	2830	2835	rVB	1137003	1474753	5.86%	0.717%
91	19.529	2836	2841	2845	rVB	7574514	10098654	40.12%	4.913%
92	19.576	2847	2849	2855	rVB	970108	1233552	4.90%	0.600%
93	20.834	3060	3063	3068	rVB	3765897	4452704	17.69%	2.166%
94	21.345	3147	3150	3159	rVB	6147186	8994253	35.73%	4.375%
95	21.903	3240	3245	3251	rVB	7360548	11304171	44.90%	5.499%
96	22.526	3344	3351	3356	rBV	8920103	16585161	65.88%	8.068%
97	23.237	3464	3472	3478	rVB	9493936	20066938	79.71%	9.762%
98	24.065	3604	3613	3622	rVB	9518810	25173714	100.00%	12.246%
99	25.035	3769	3778	3790	rVB	7963470	24674906	98.02%	12.003%
100	26.210	3970	3978	3985	rVB	7025051	21468755	85.28%	10.444%

Sum of corrected areas: 205570051

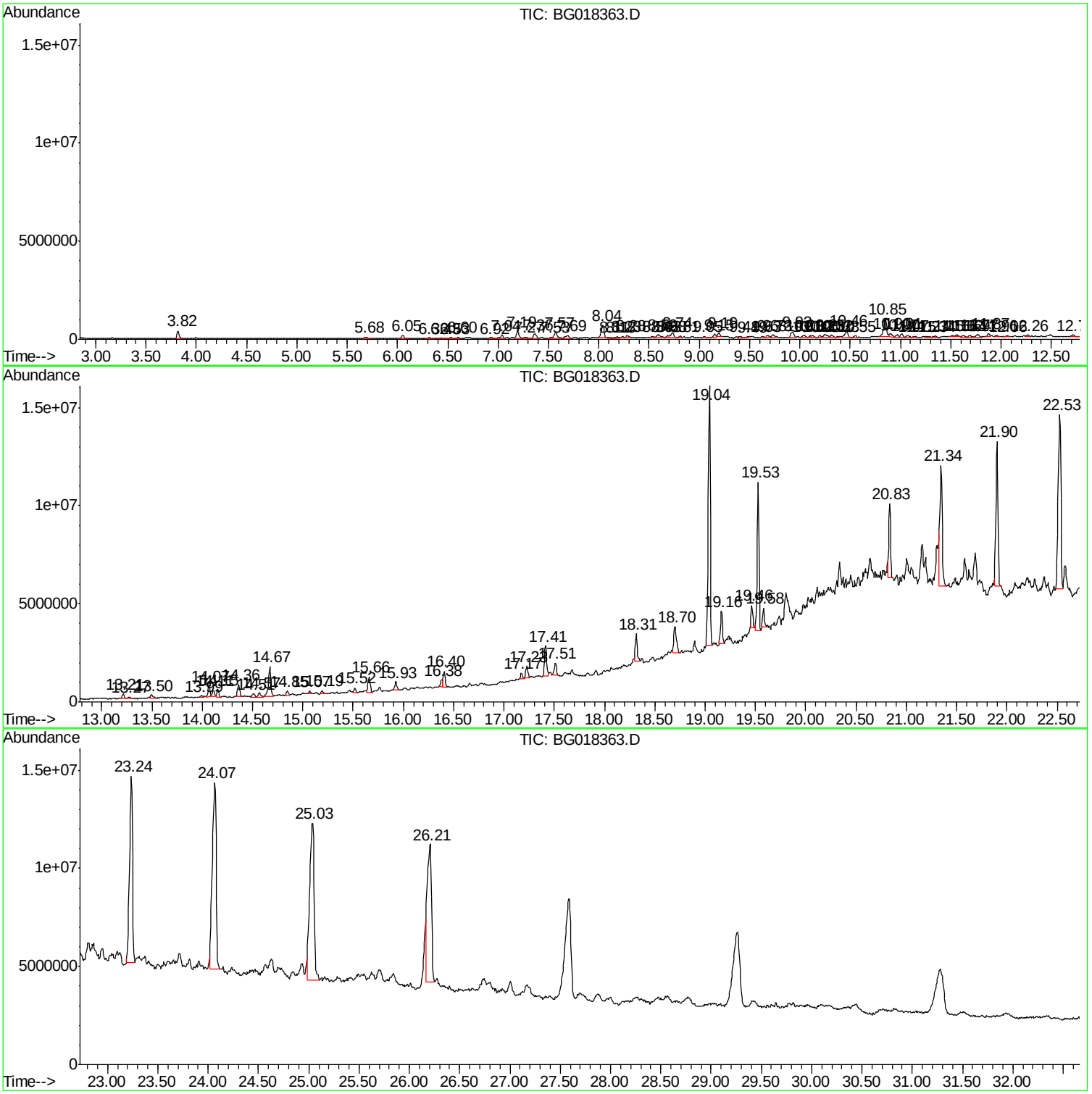
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

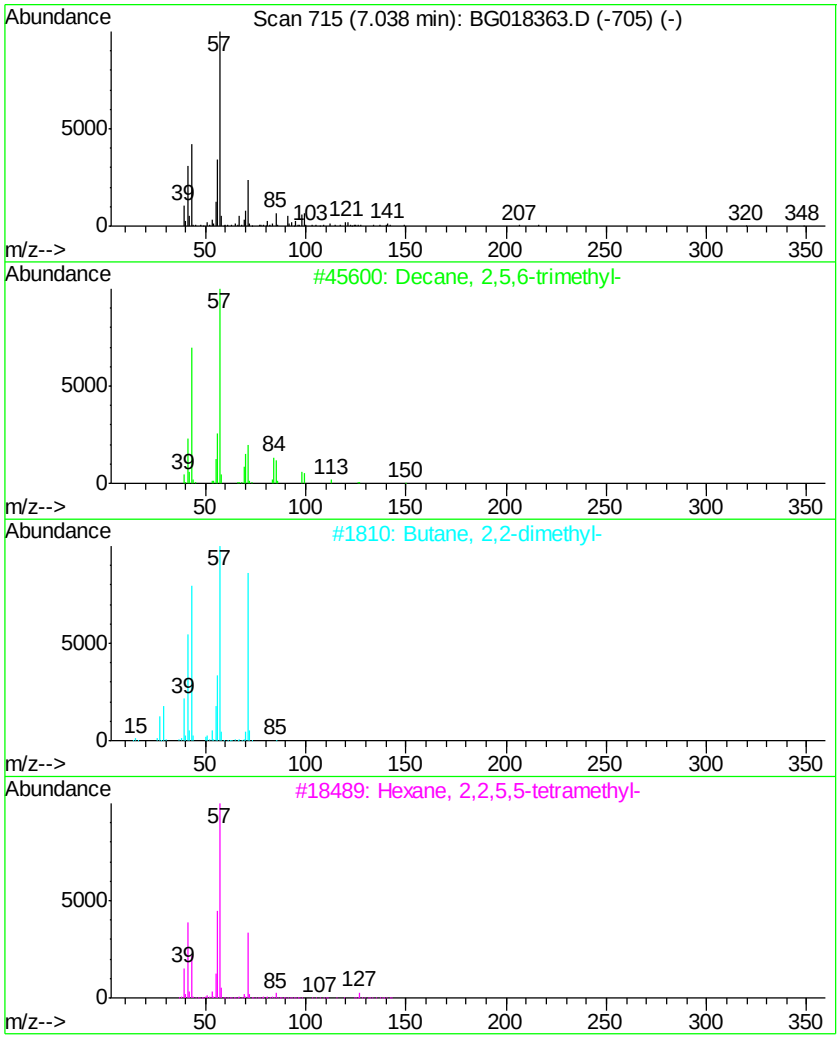
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

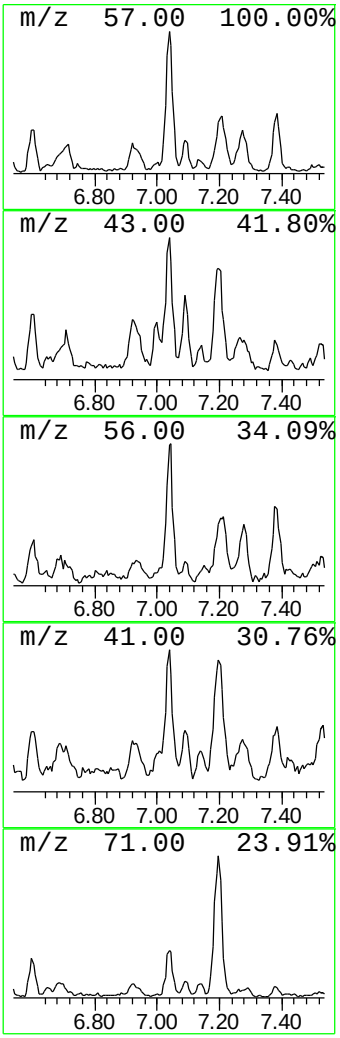
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	5.77 ng/ul	368079	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

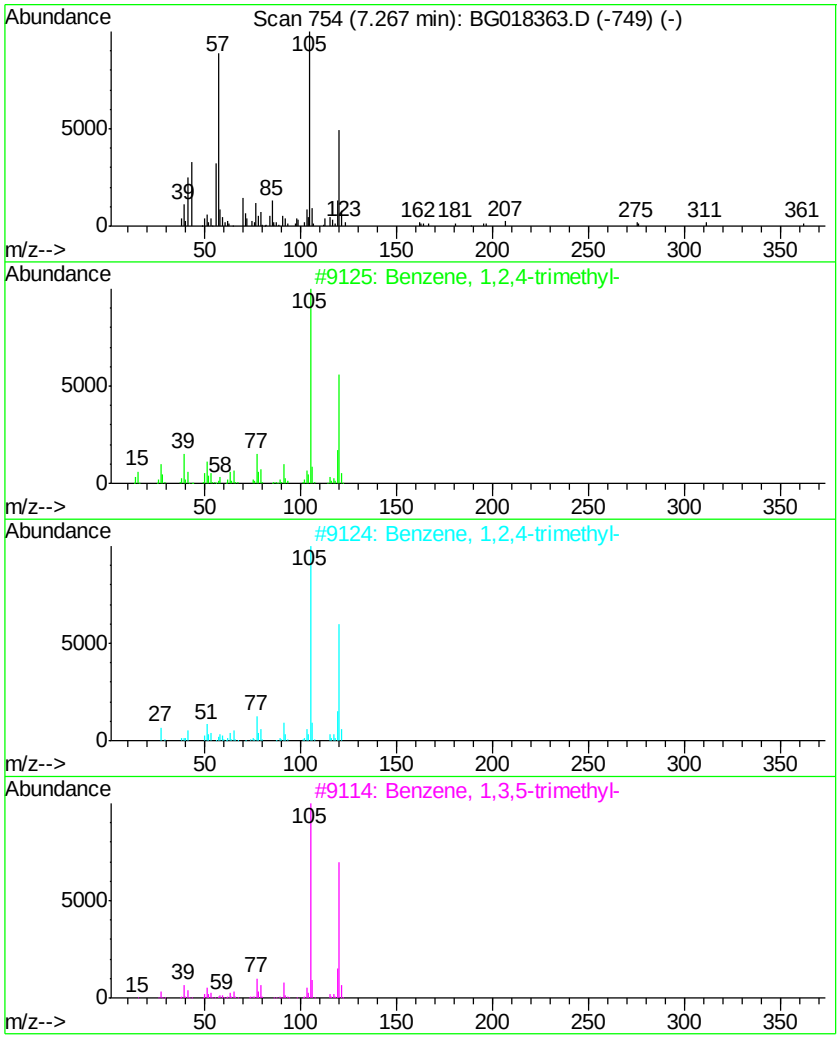
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

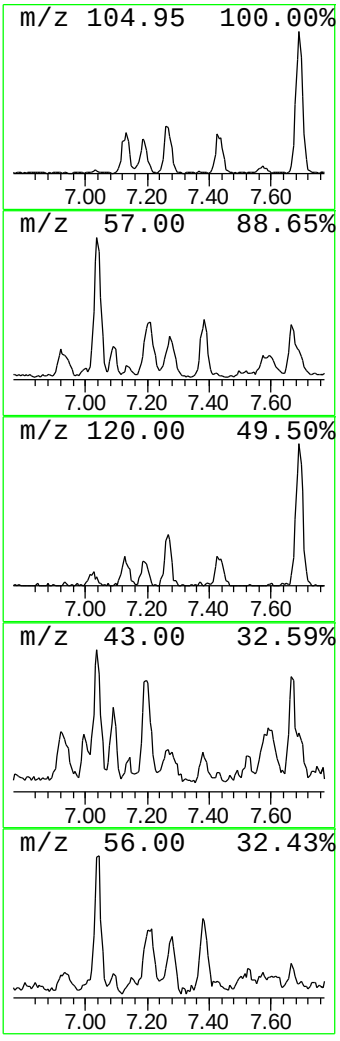
****

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	2.73 ng/ul	174324	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	55
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

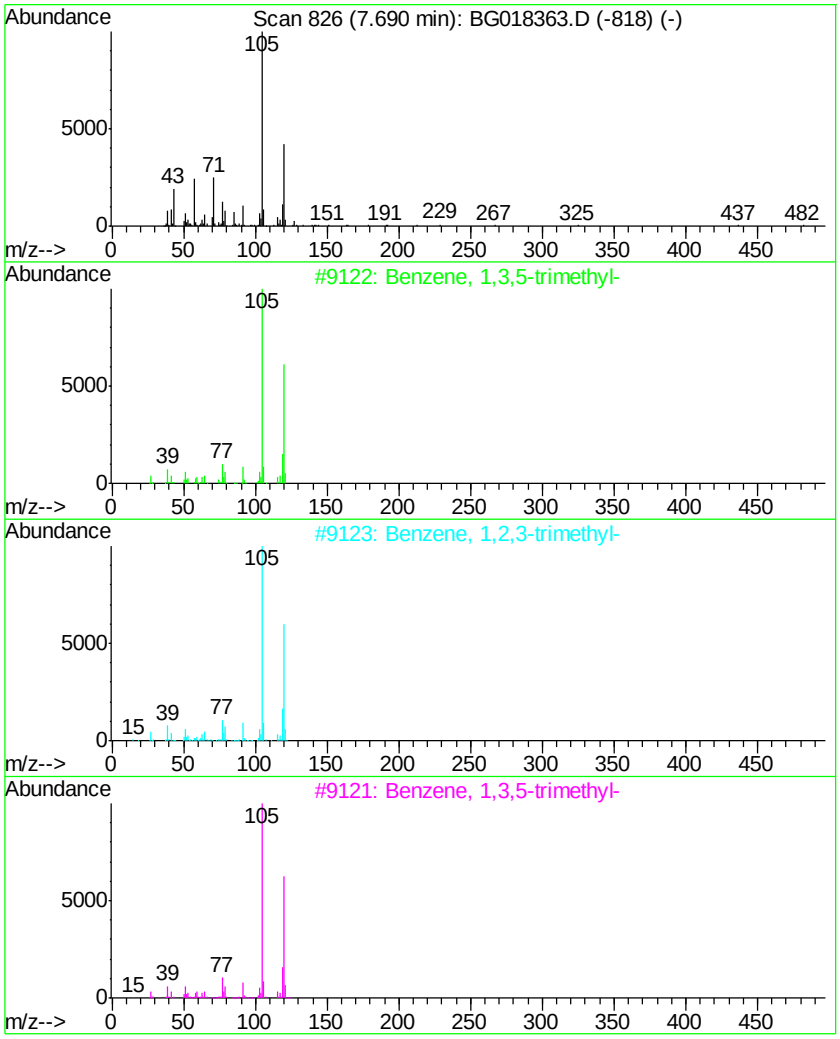
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

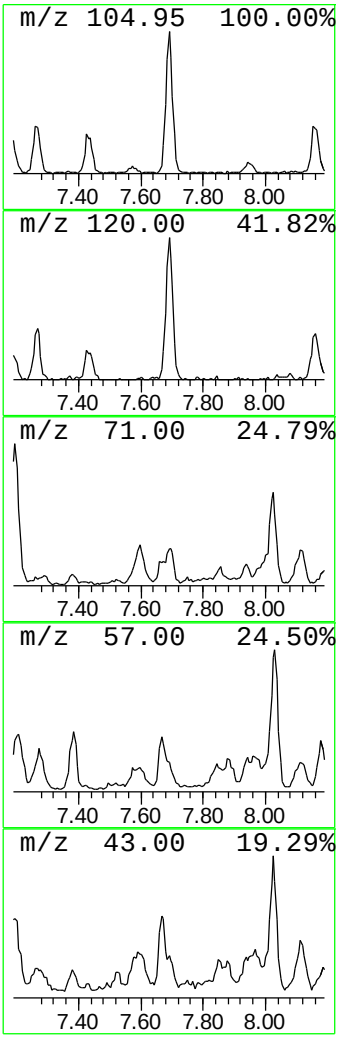
****

Peak Number 6 Benzene, 1,3,5-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	4.52 ng/ul	288708	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	76
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

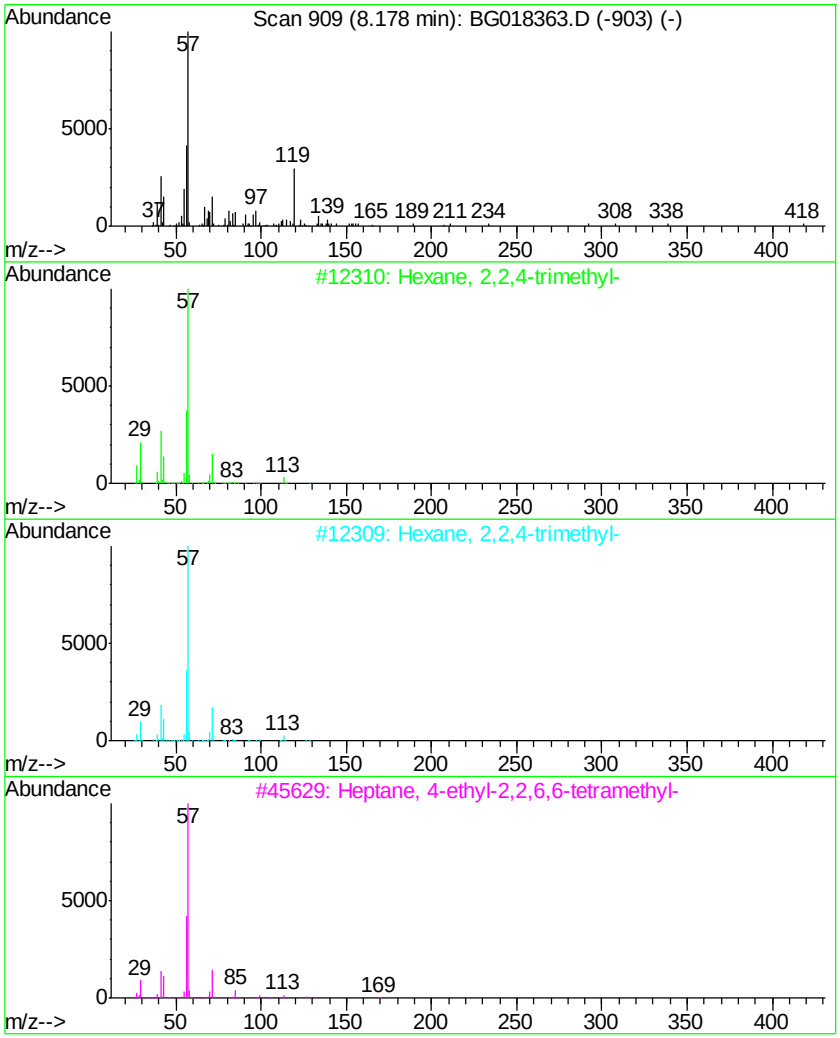
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

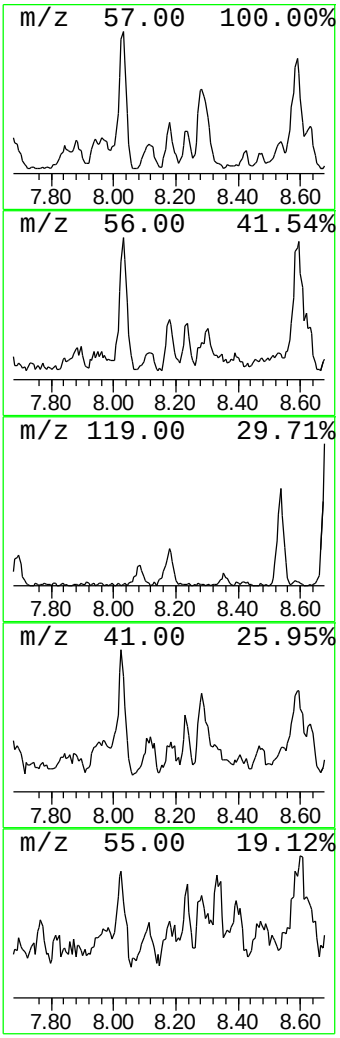
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	2.25 ng/ul	143494	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	43
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	43
3	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	43
4	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	43
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

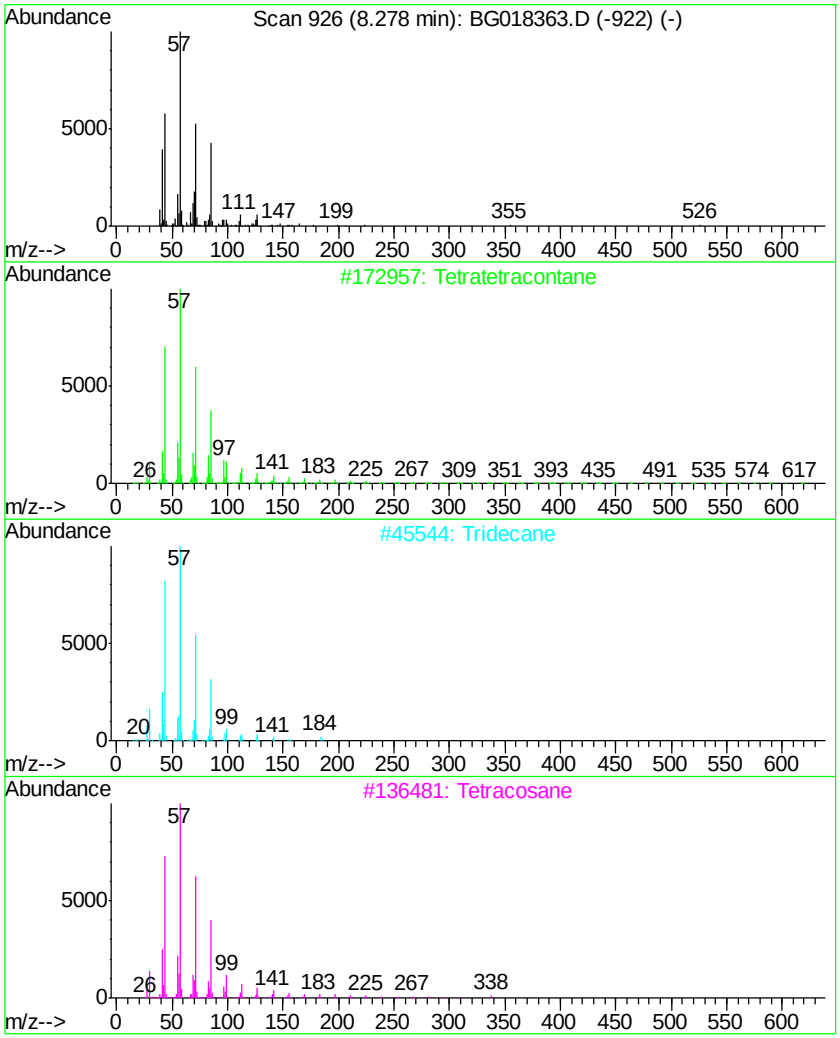
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

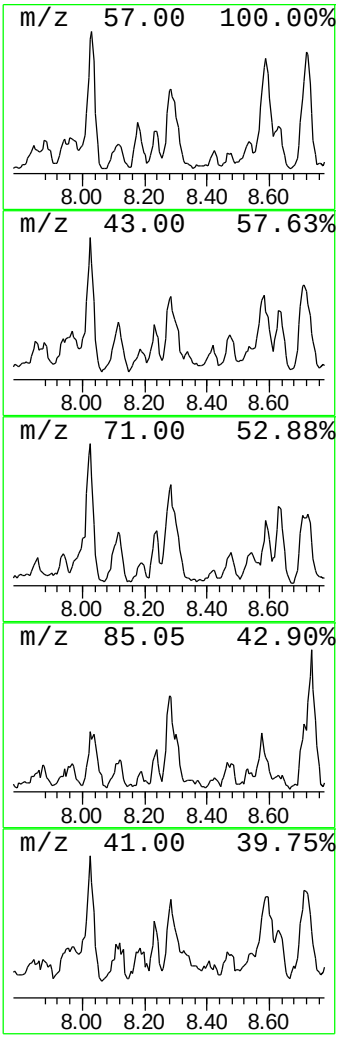
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	4.00 ng/ul	255008	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	78
2	Tridecane	184	C13H28	000629-50-5	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

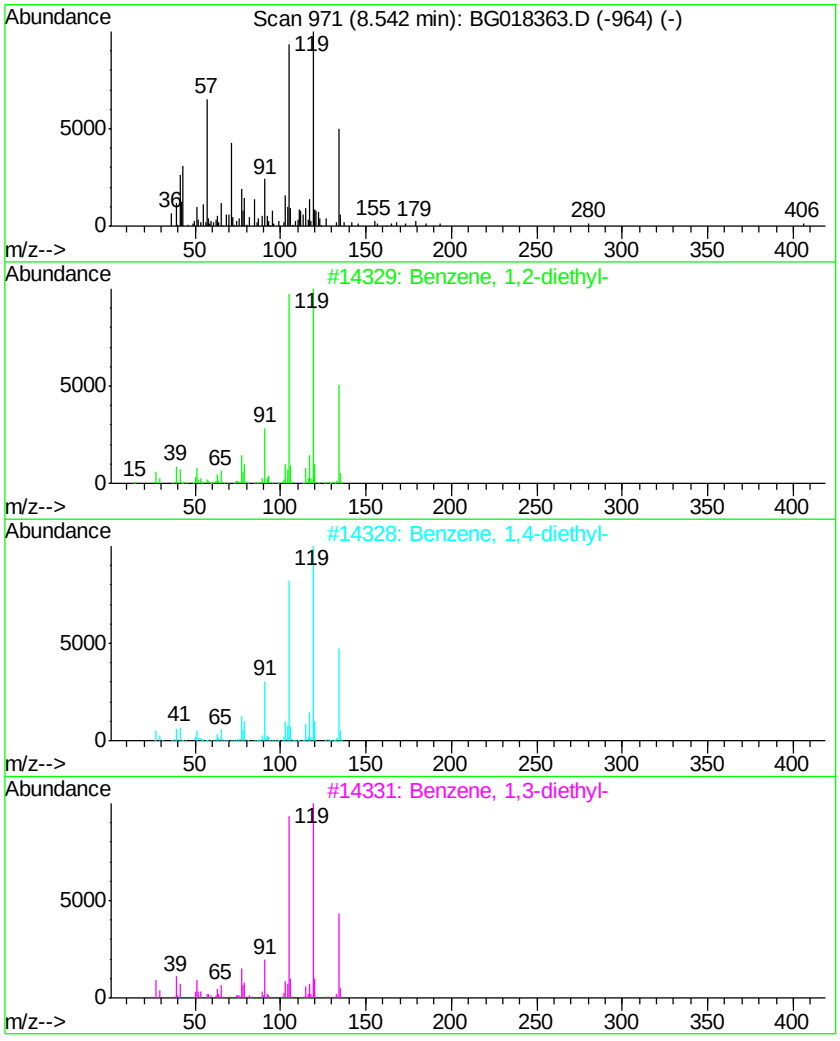
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

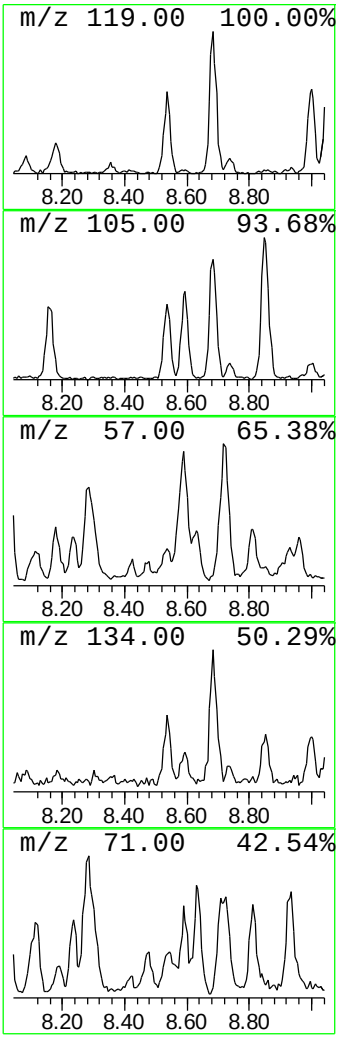
****

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	2.15 ng/ul	137450	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81





Library Search Compound Report

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Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

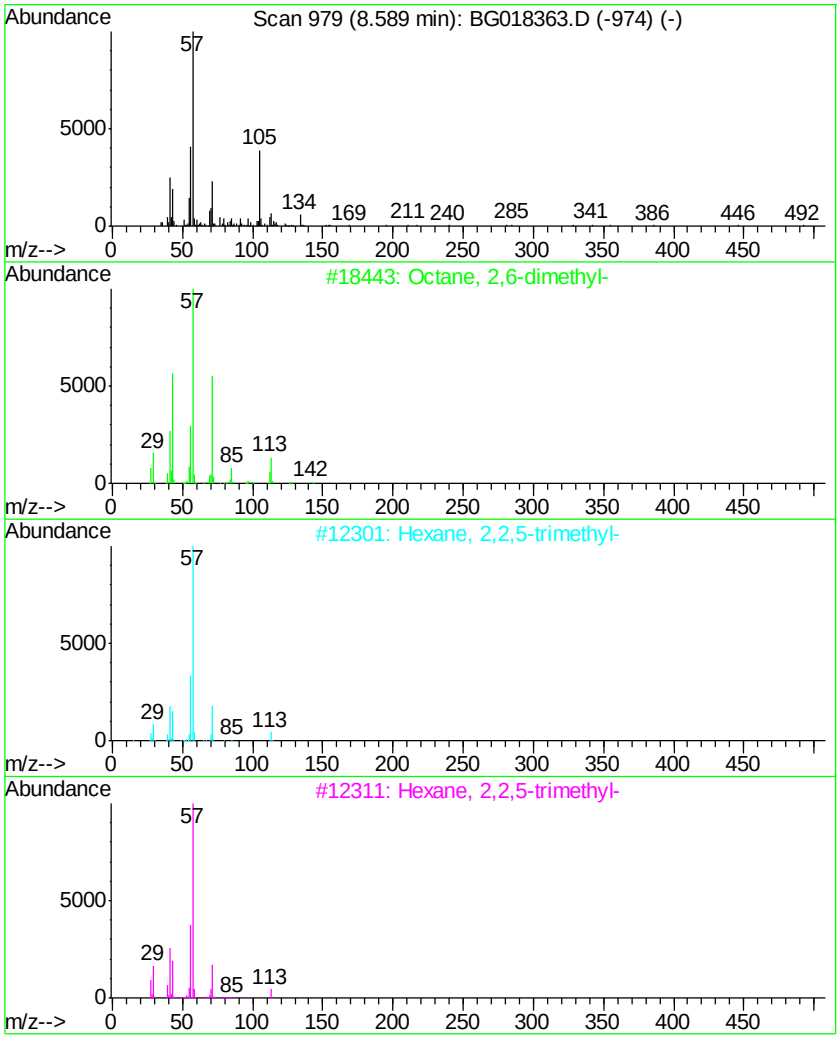
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

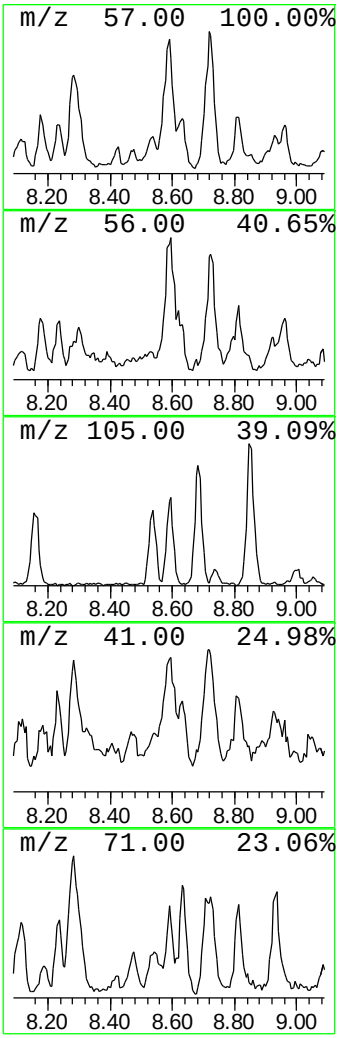
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	5.68 ng/ul	362617	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

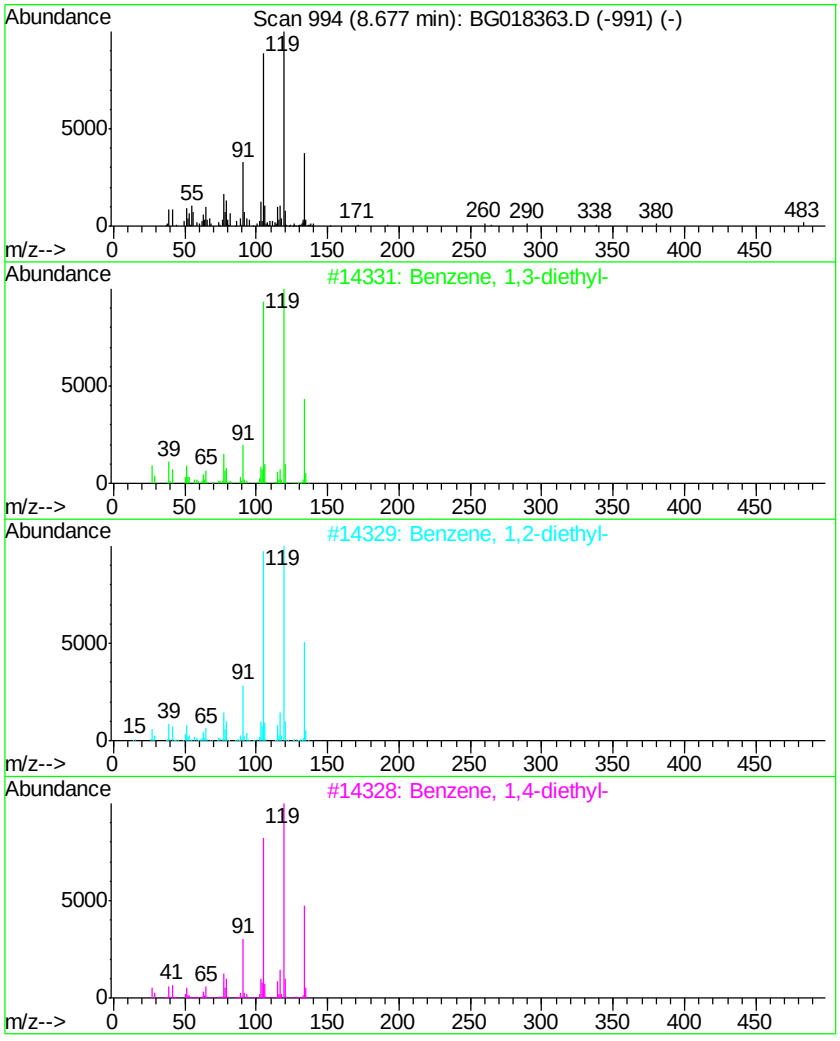
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

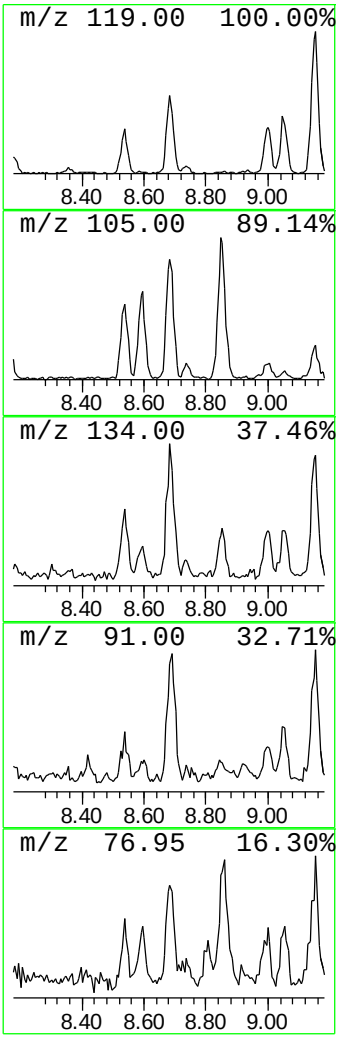
****

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.68 ng/ul	171290	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

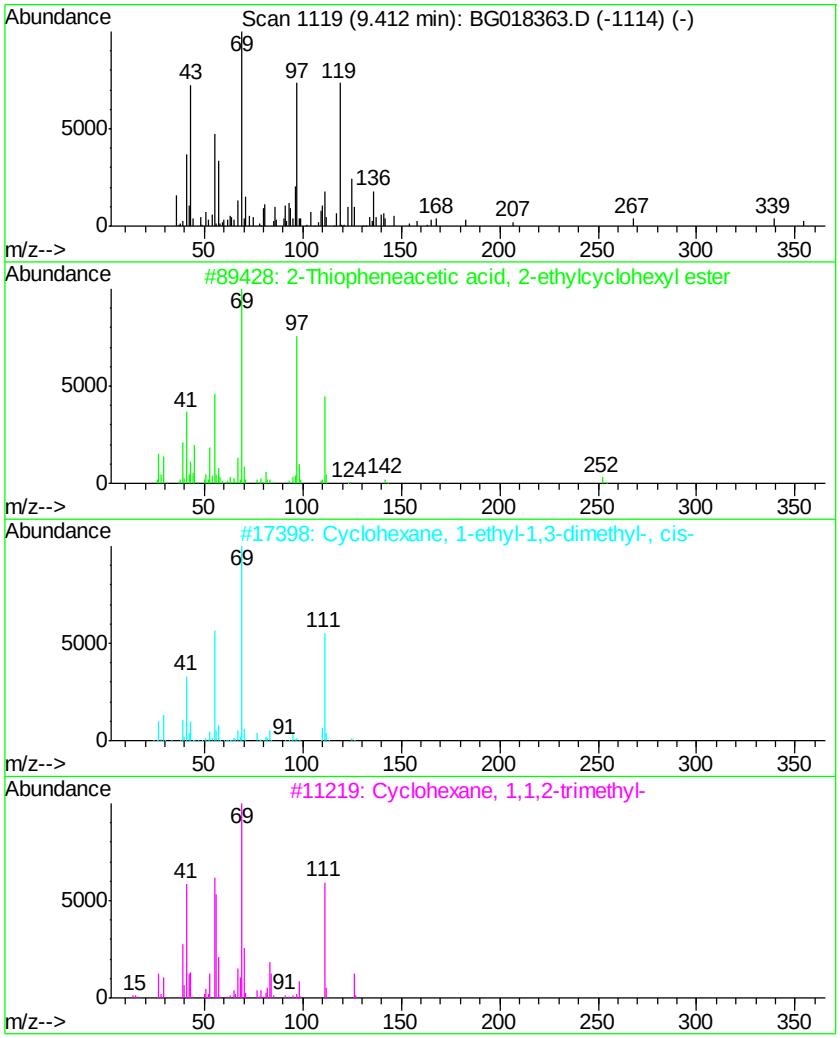
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

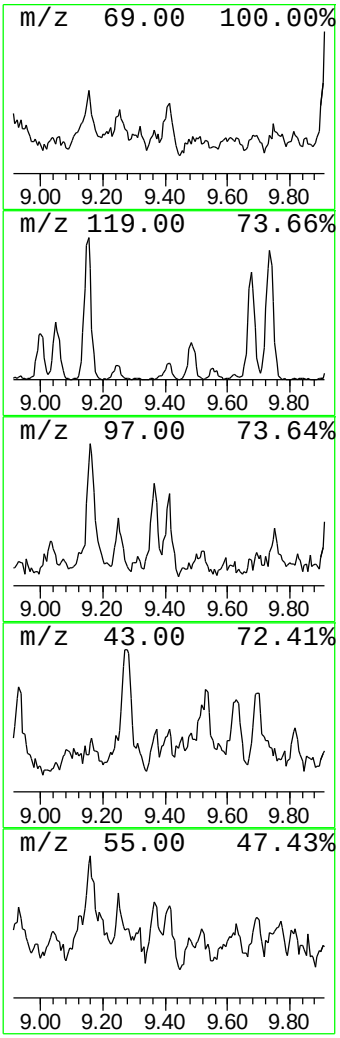
****

Peak Number 12 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	2.78 ng/ul	177354	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	43
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	27
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	27
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	27
5	Cyclopentanecarboxylic acid, 3-p...	324	C21H40O2	1000280-59-1	25





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Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

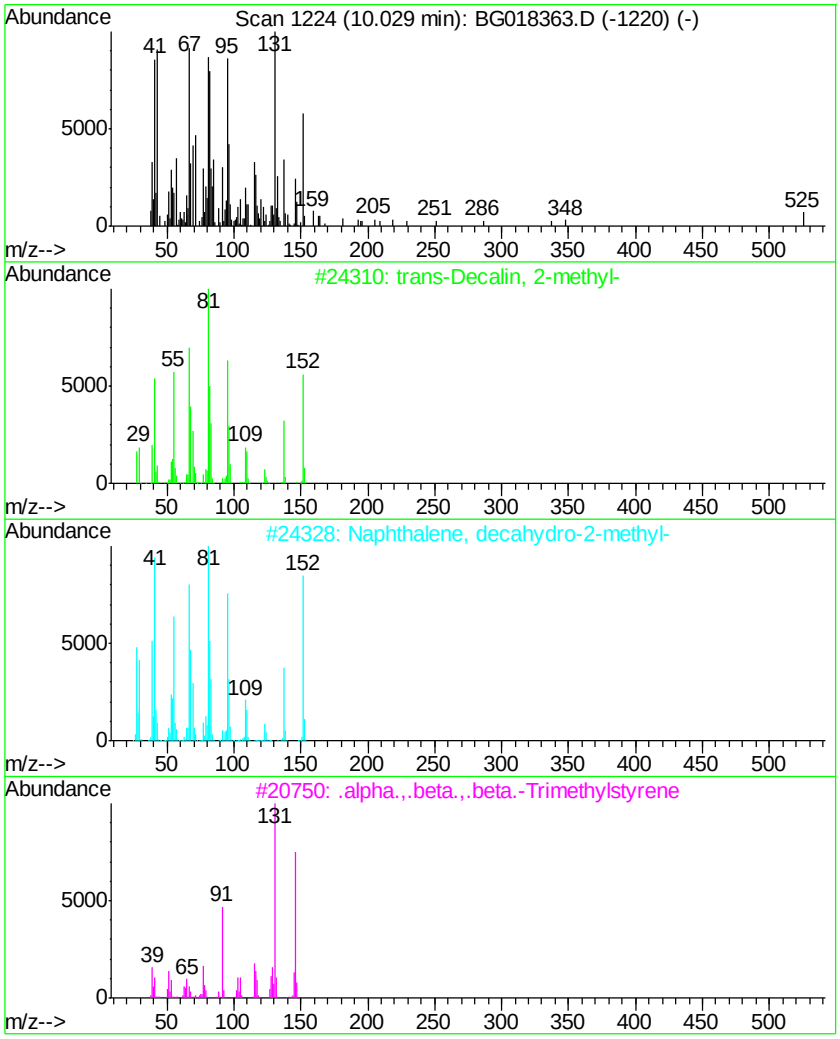
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

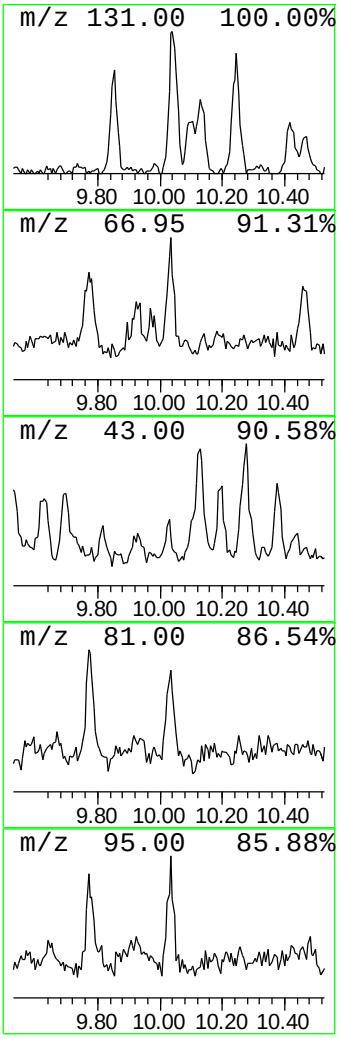
****

Peak Number 13 trans-Decalin, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.67 ng/ul	271833	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	51
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	35
4	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	35
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

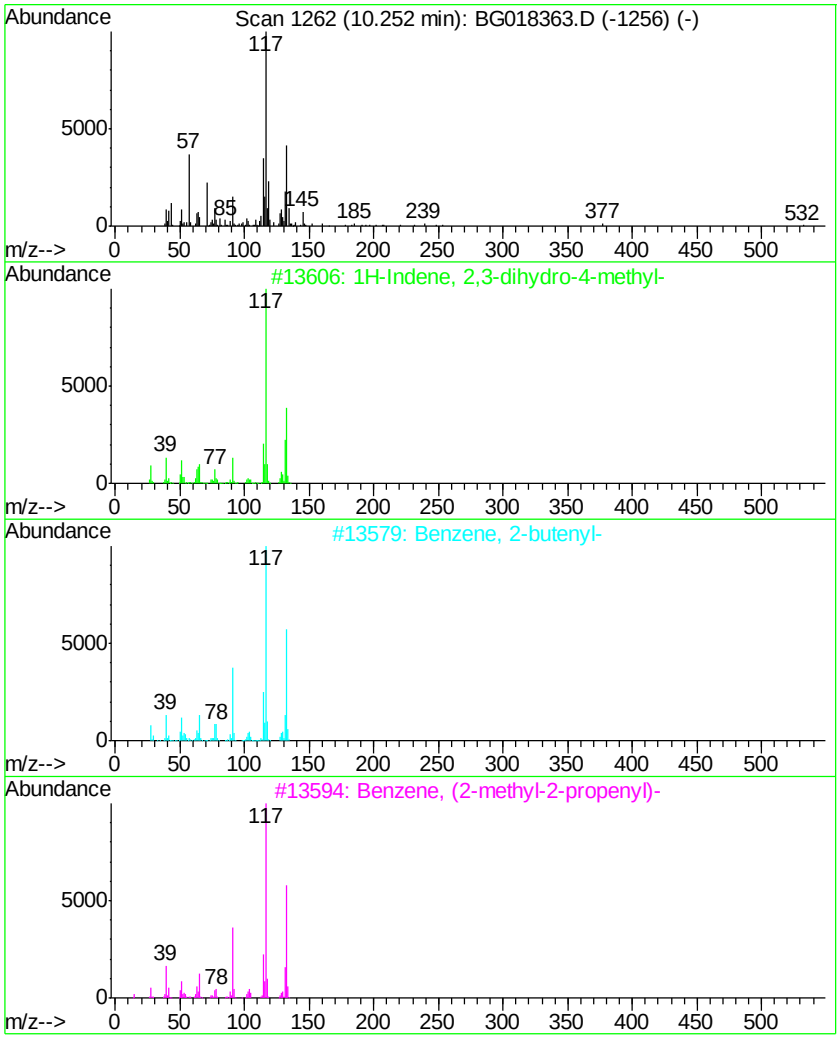
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

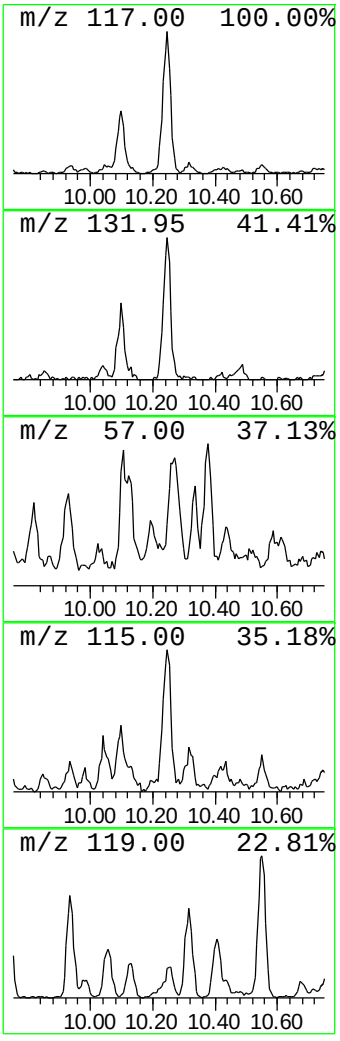
****

Peak Number 14 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	4.01 ng/ul	407712	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	64
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	62
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

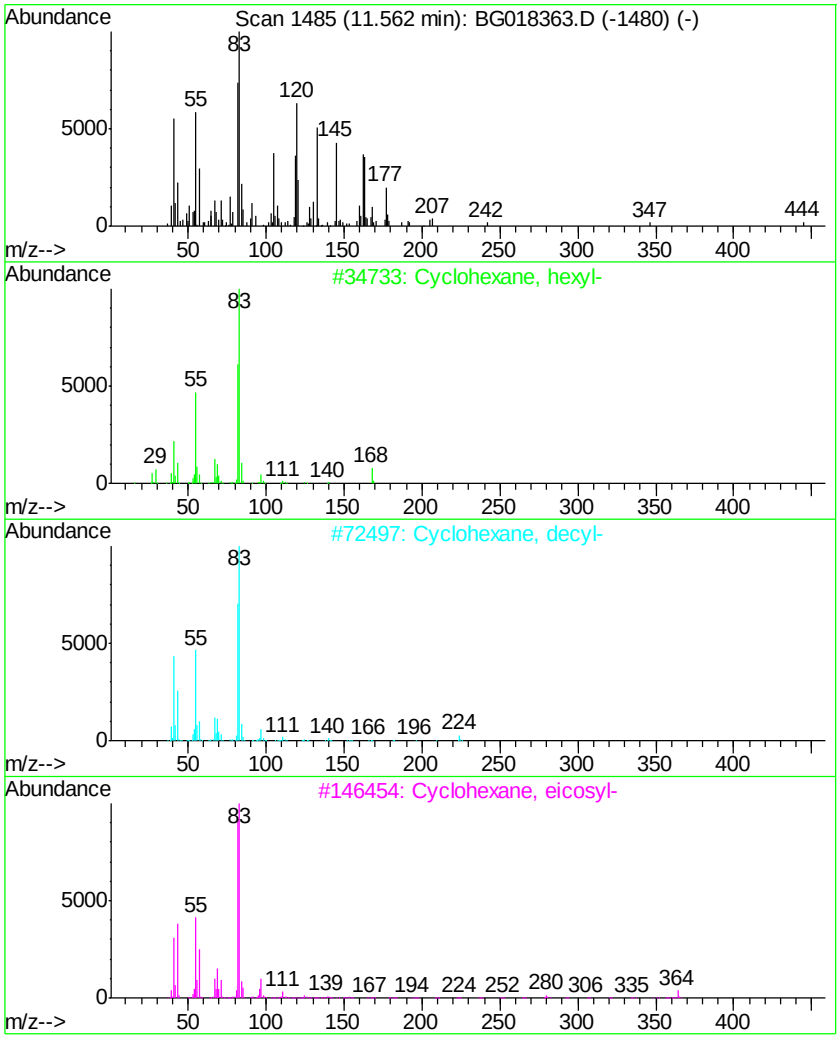
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

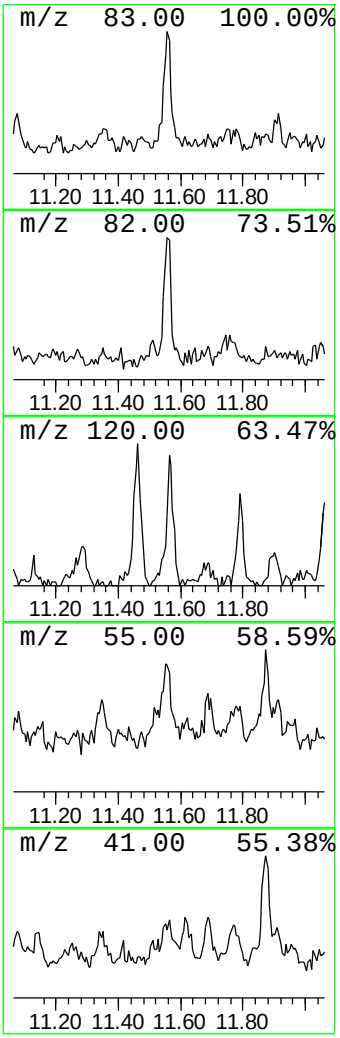
****

Peak Number 15 (DEL) Alkane: Cyclic11.56 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.16 ng/ul	219575	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	35
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	27
3	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	27
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	18
5	Cyclohexane, 1,1'-(1,5-pentanedi...	236	C17H32	054833-31-7	16





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Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

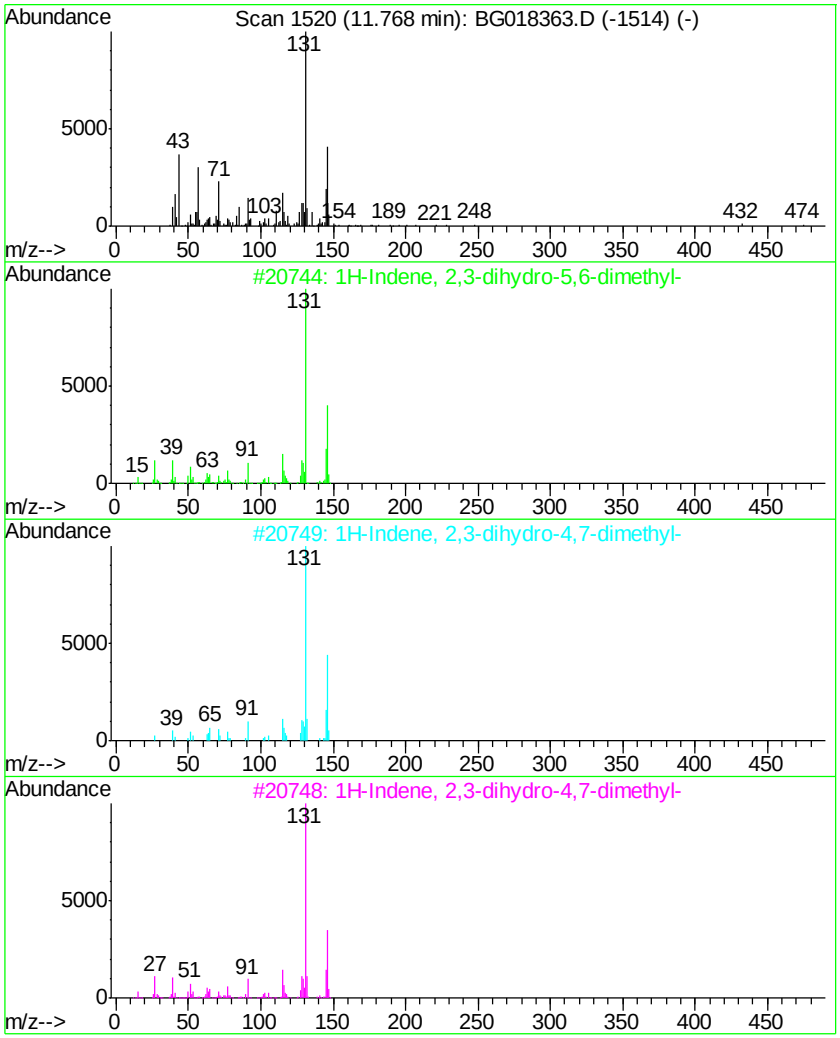
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

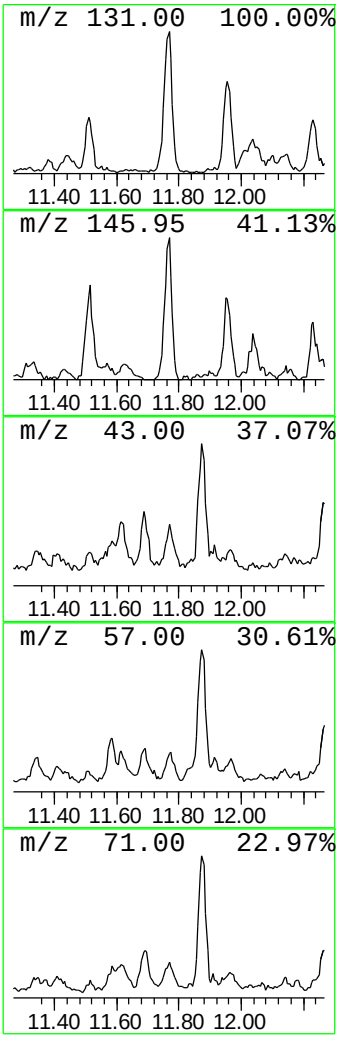
****

Peak Number 16 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.79 ng/ul	283873	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	76





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Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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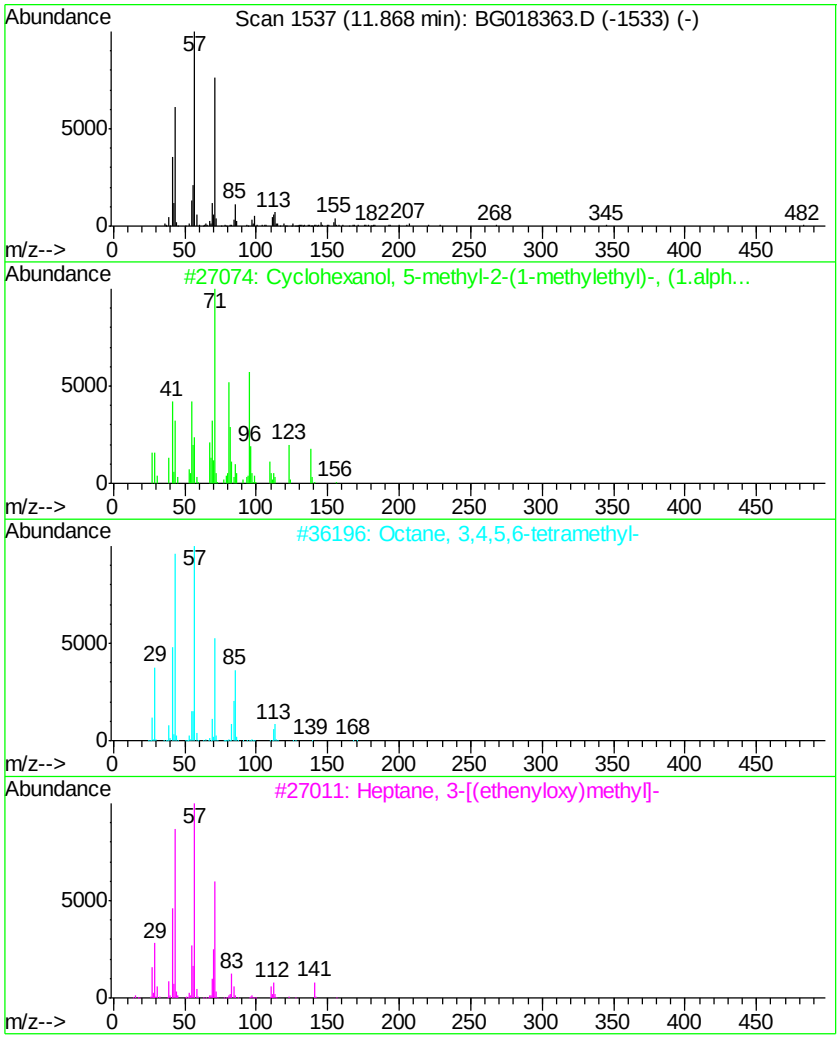
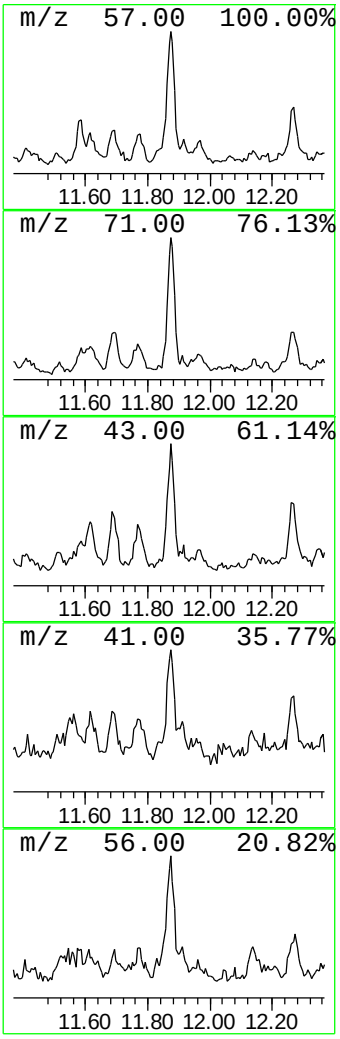
Peak Number 17 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.01 ng/ul	305605	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	72
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	72
3	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

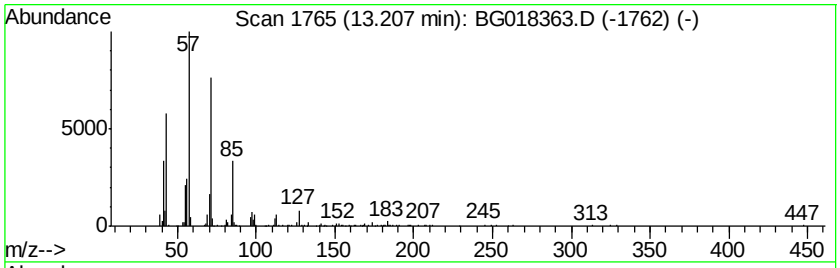
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

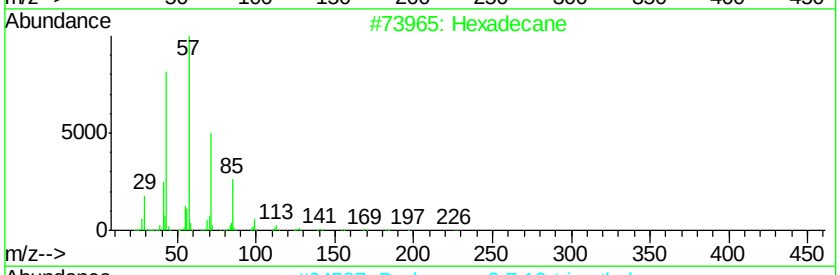
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

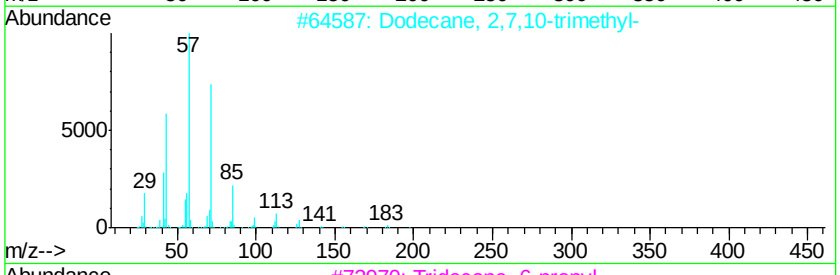
****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 34

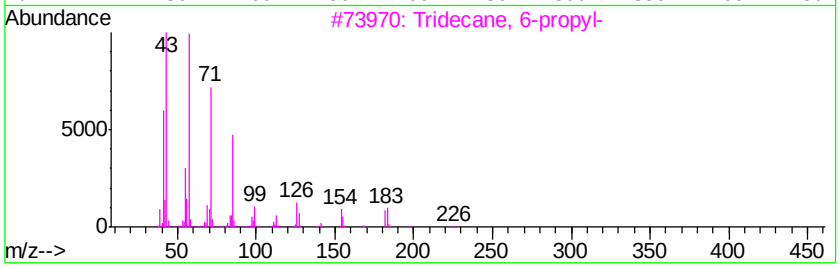
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.59 ng/ul	342016	Acenaphthene-d10	14.67

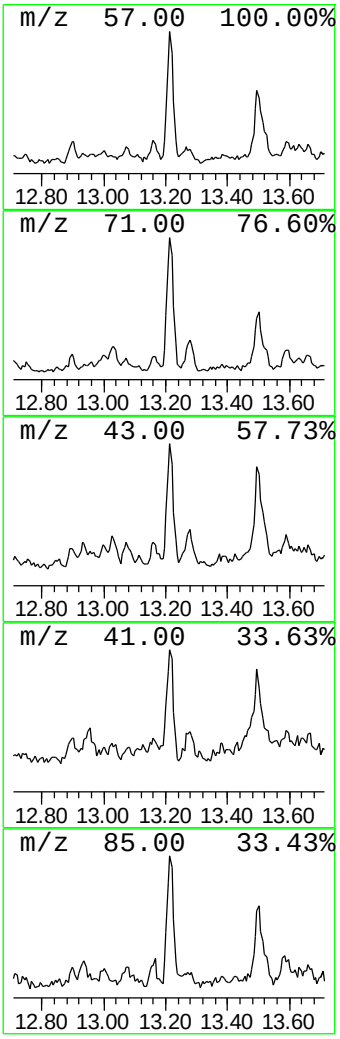
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83











Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

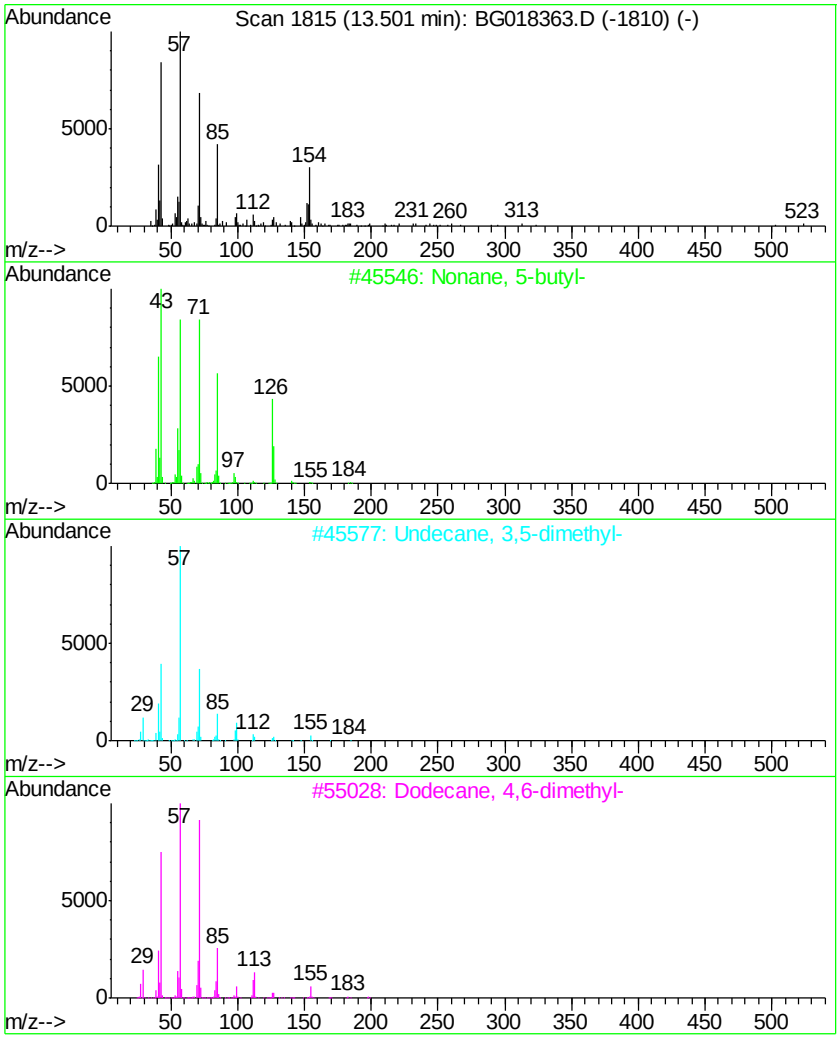
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

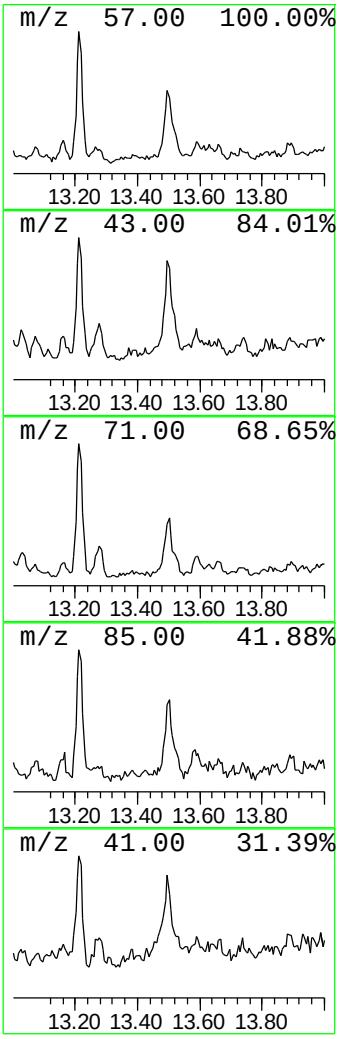
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.30 ng/ul	303920	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	55
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	49





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Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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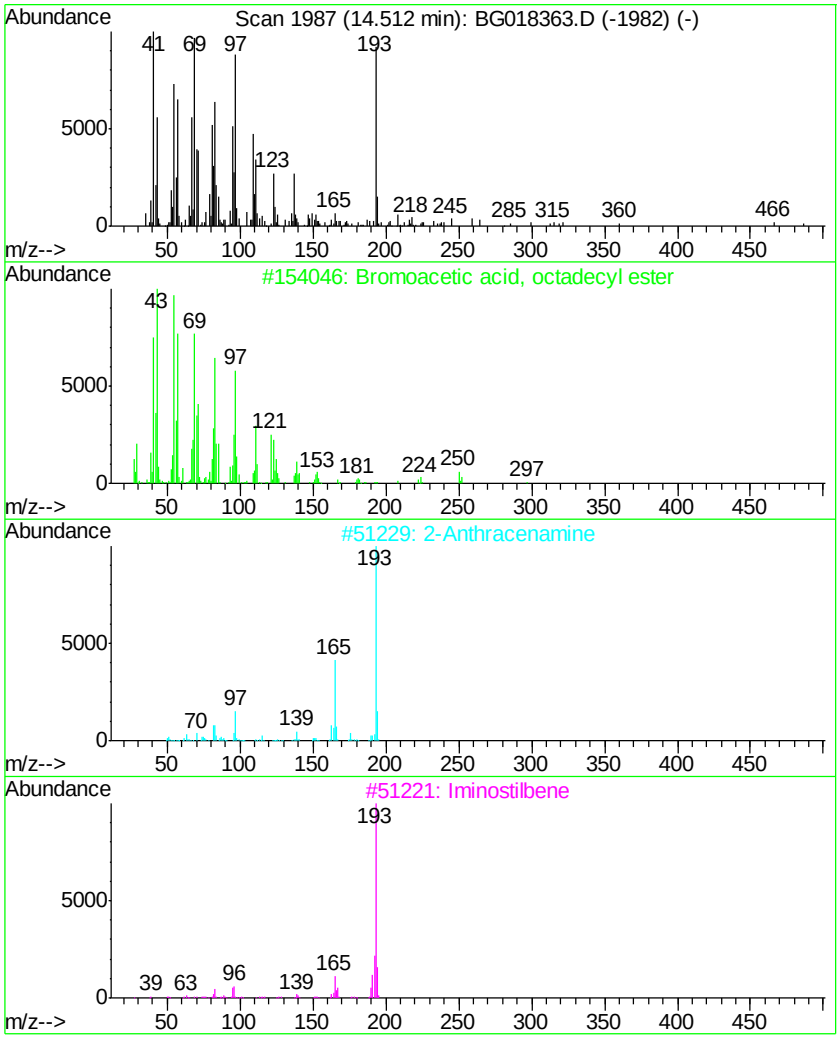
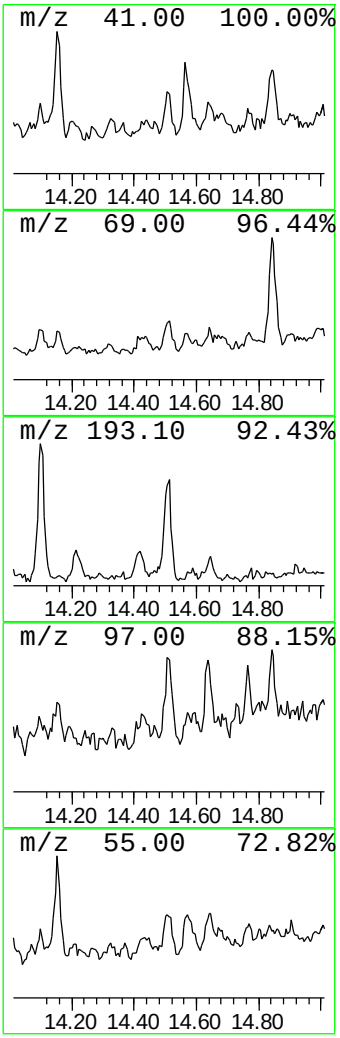
Peak Number 20 unknown-02 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.16 ng/ul	285635	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	43
2	2-Anthracenamine	193	C14H11N	000613-13-8	41
3	Iminostilbene	193	C14H11N	000256-96-2	20
4	3-(But-3-enyl)-cyclohexanone	152	C10H16O	003636-03-1	18
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18





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Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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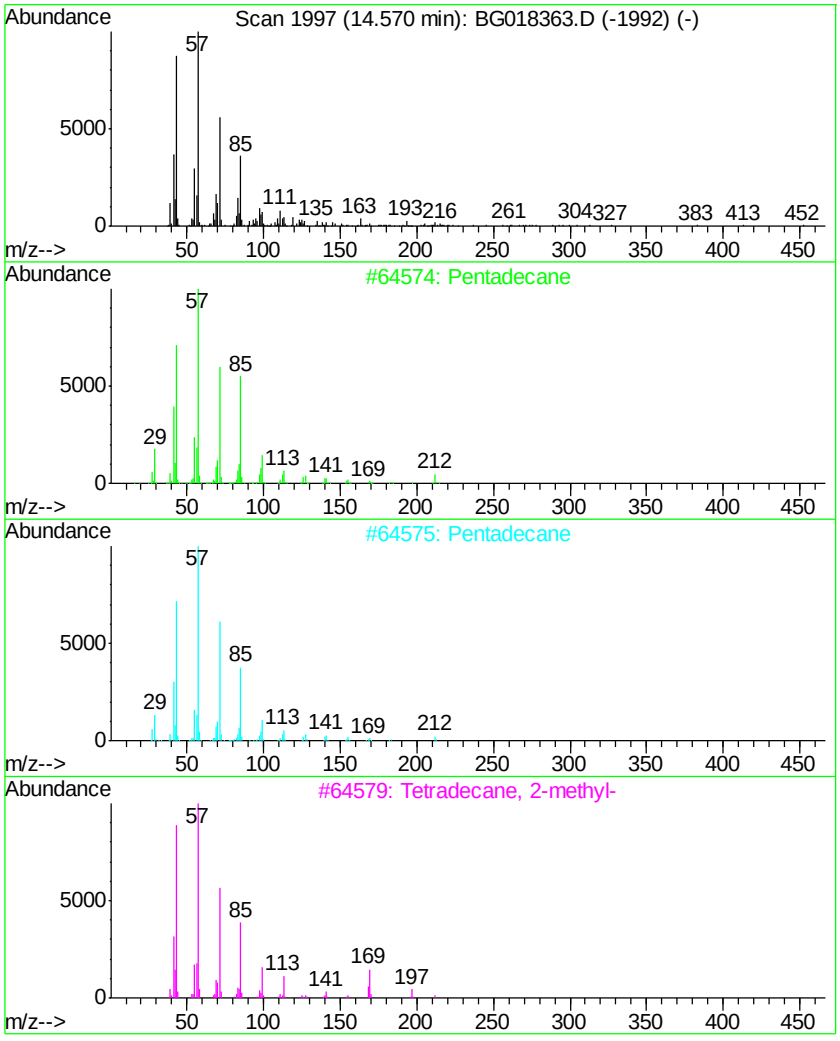
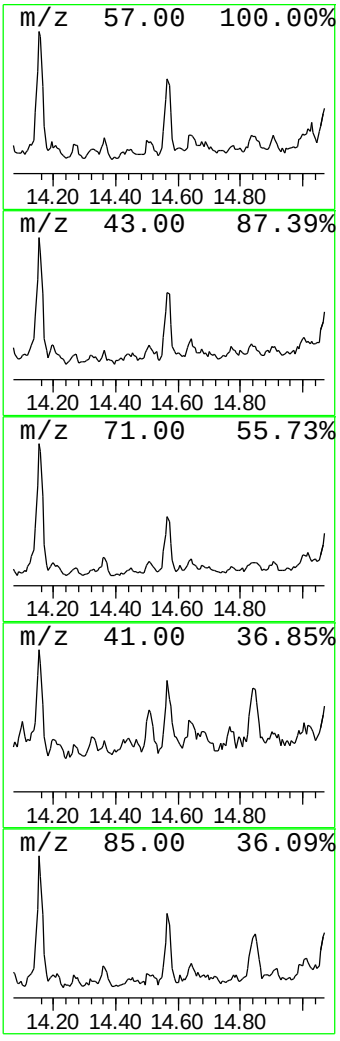
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.15 ng/ul	415716	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	76
4	Eicosane	282	C20H42	000112-95-8	74
5	Docosane, 7-butyl-	366	C26H54	055282-15-0	72





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Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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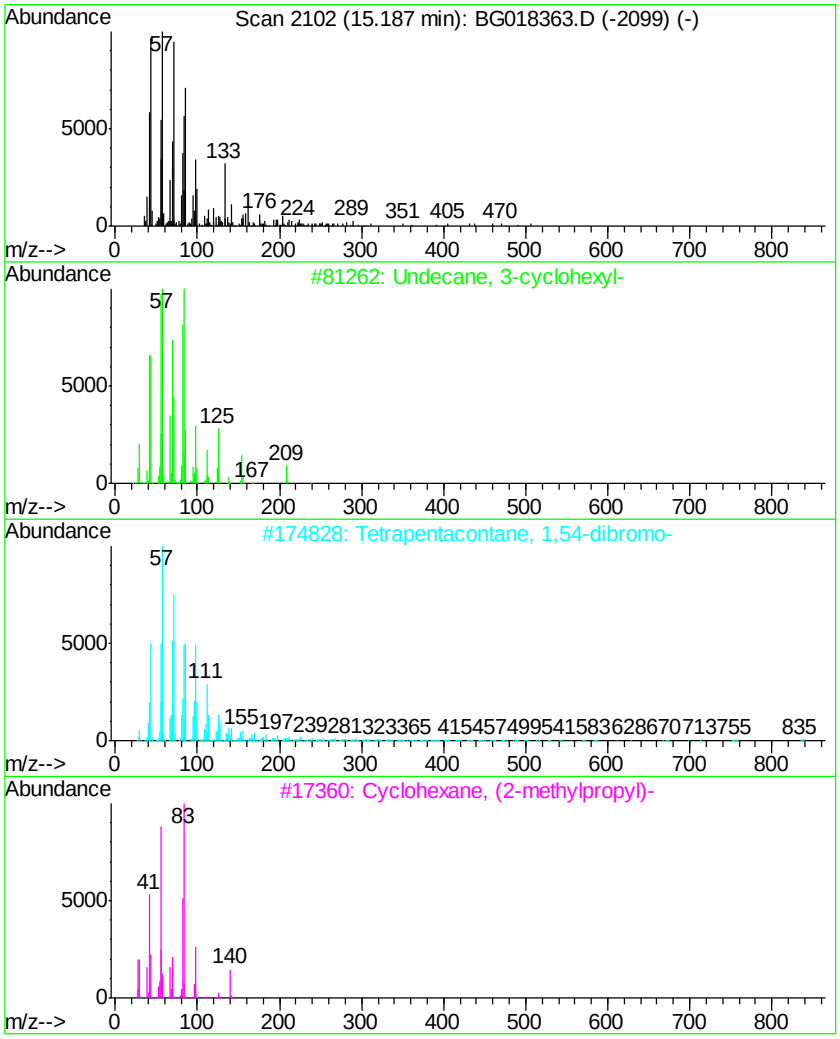
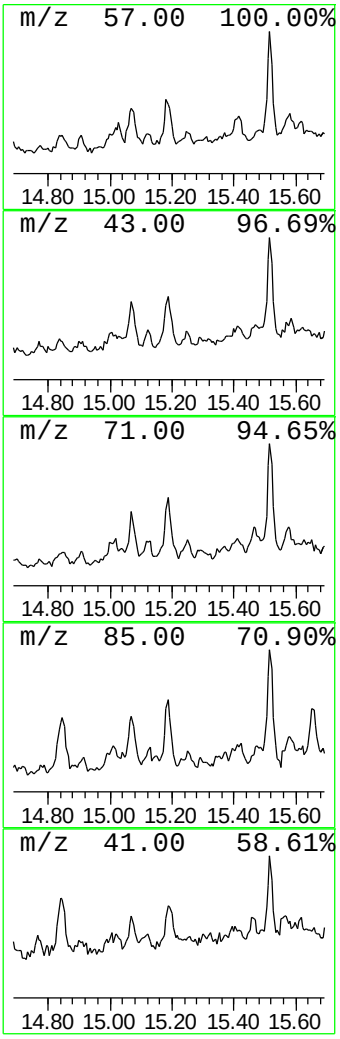
Peak Number 22 (DEL) Alkane: Cyclic15.19 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.08 ng/ul	274995	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-cyclohexyl-	238	C17H34	013151-78-5	58
2	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	43
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	38
5	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	38





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Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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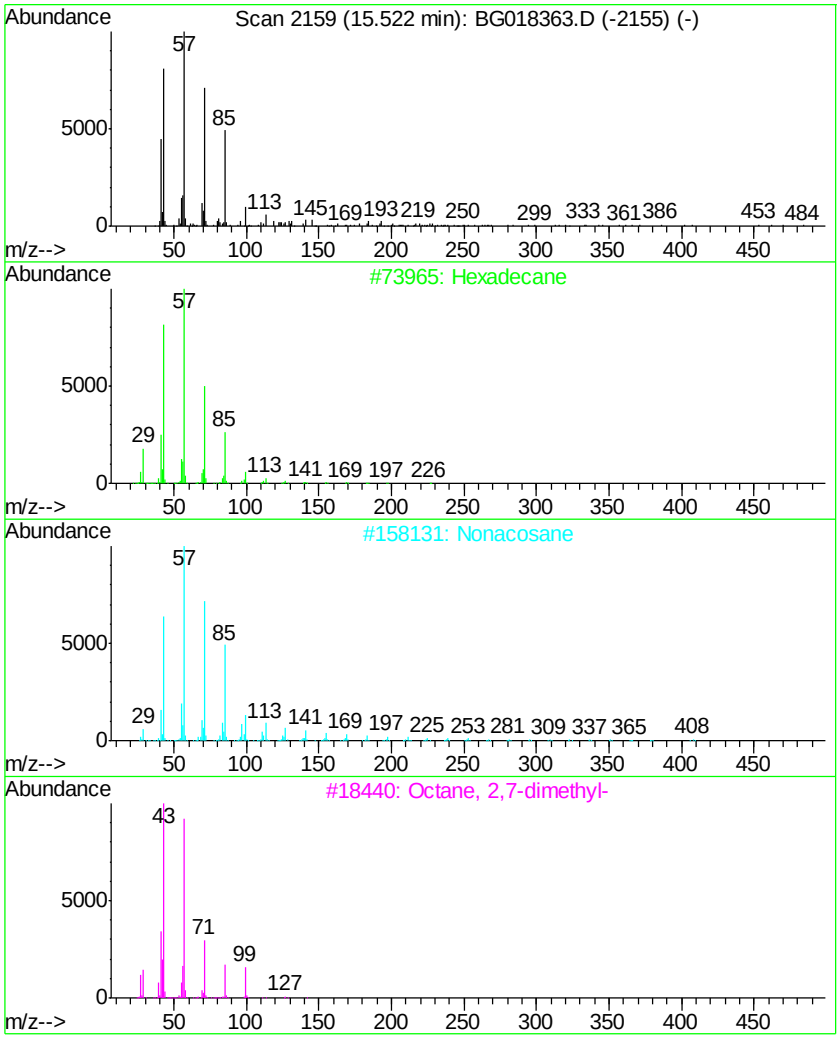
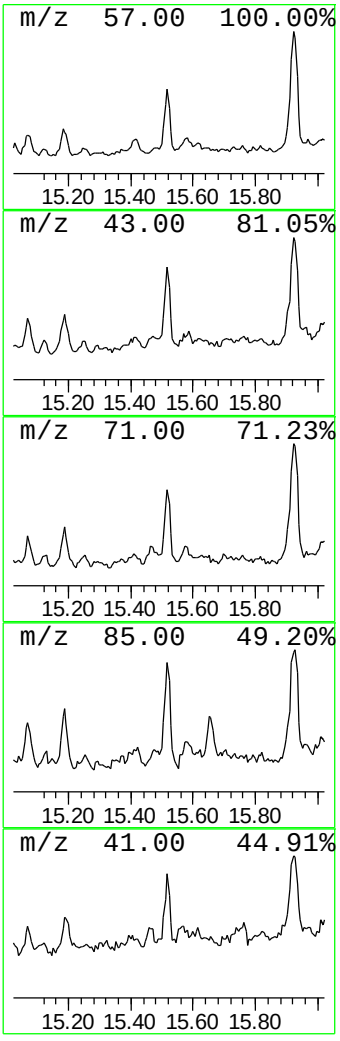
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	2.06 ng/ul	272378	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	52
2	Nonacosane	408	C29H60	000630-03-5	50
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
5	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	47





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Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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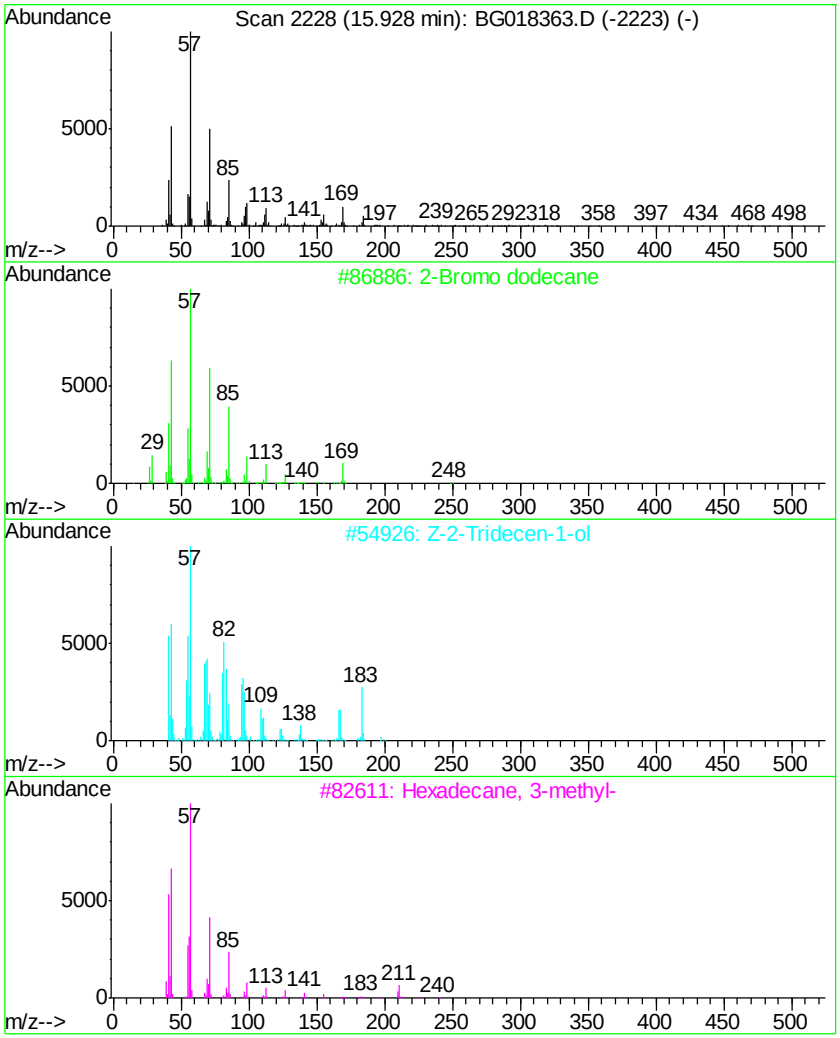
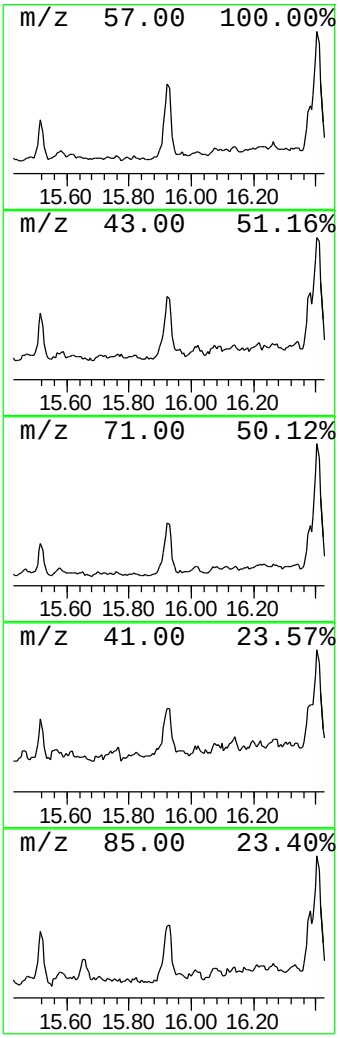
Peak Number 24 2-Bromo dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.68 ng/ul	618522	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	96
2	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	91
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	76
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	68
5	Decane, 2-methyl-	156	C11H24	006975-98-0	62





Library Search Compound Report

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Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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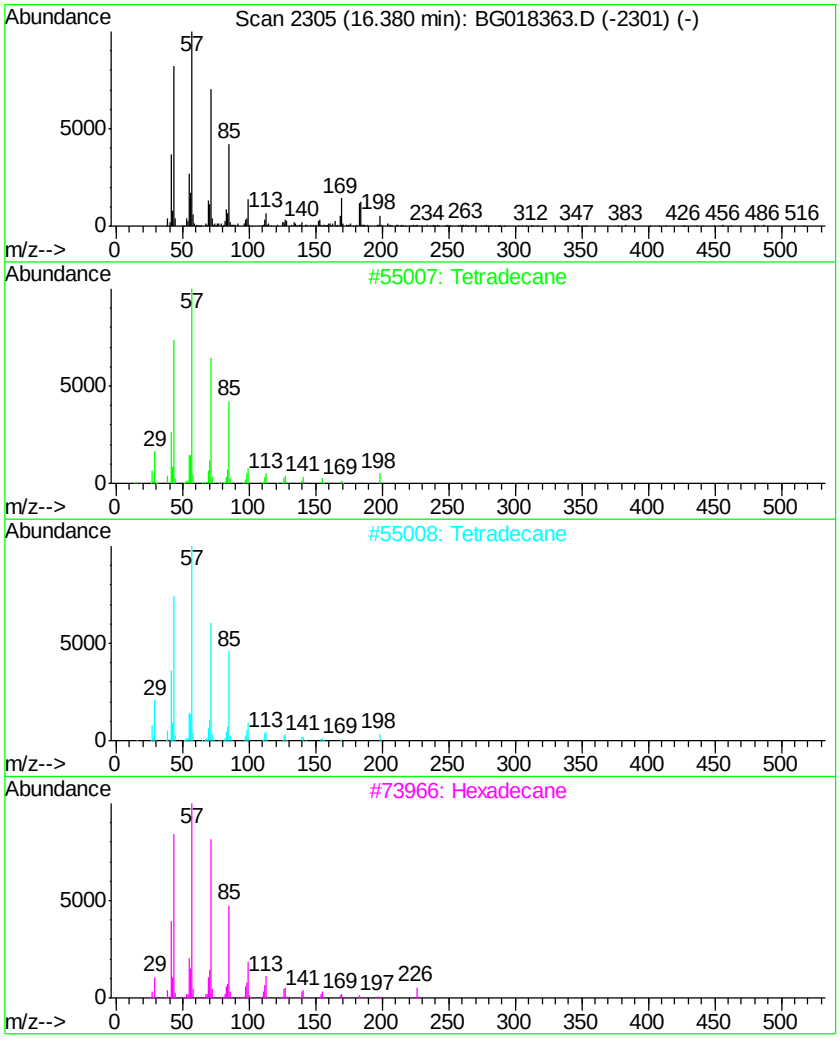
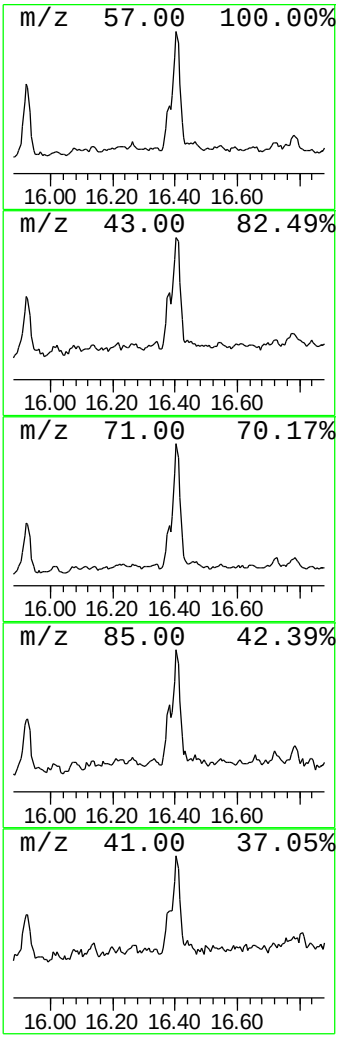
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	3.80 ng/ul	444630	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tetradecane	198	C14H30	000629-59-4	93
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5	Tetradecane	198	C14H30	000629-59-4	89





Library Search Compound Report

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Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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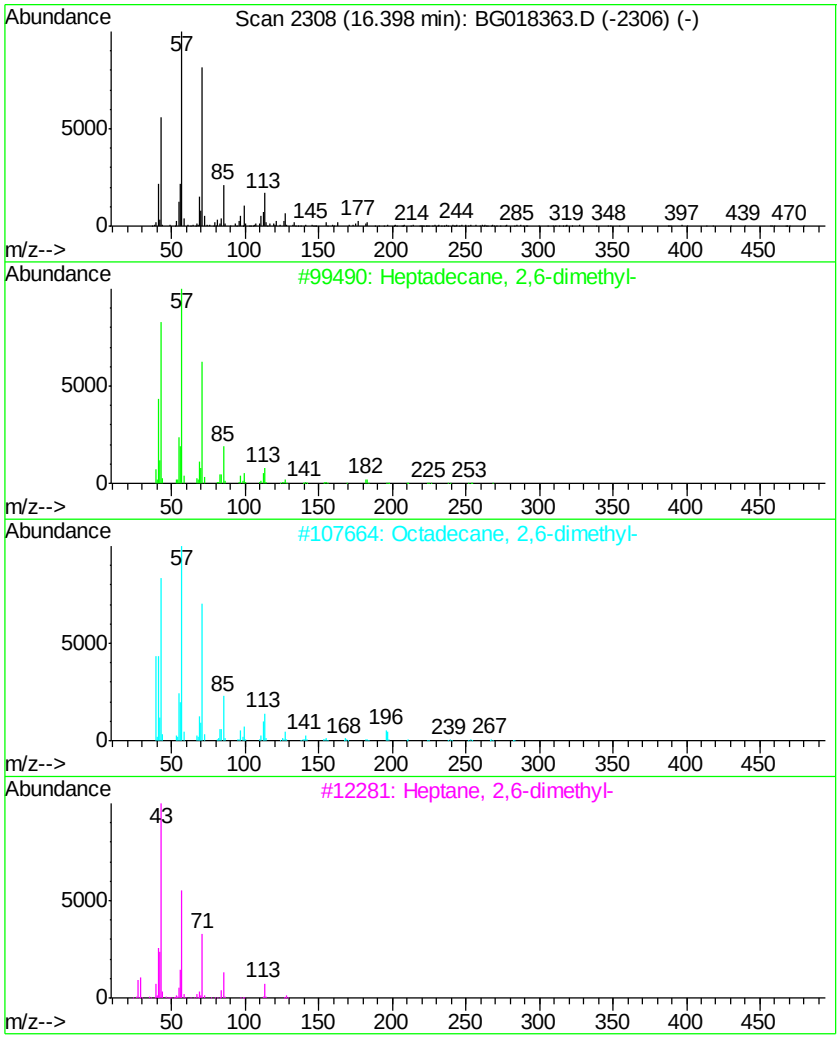
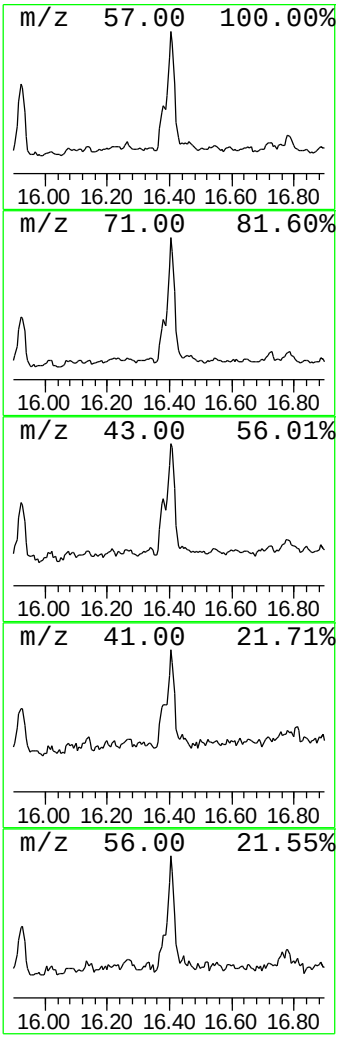
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	9.48 ng/ul	1108150	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	91
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	80
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78





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Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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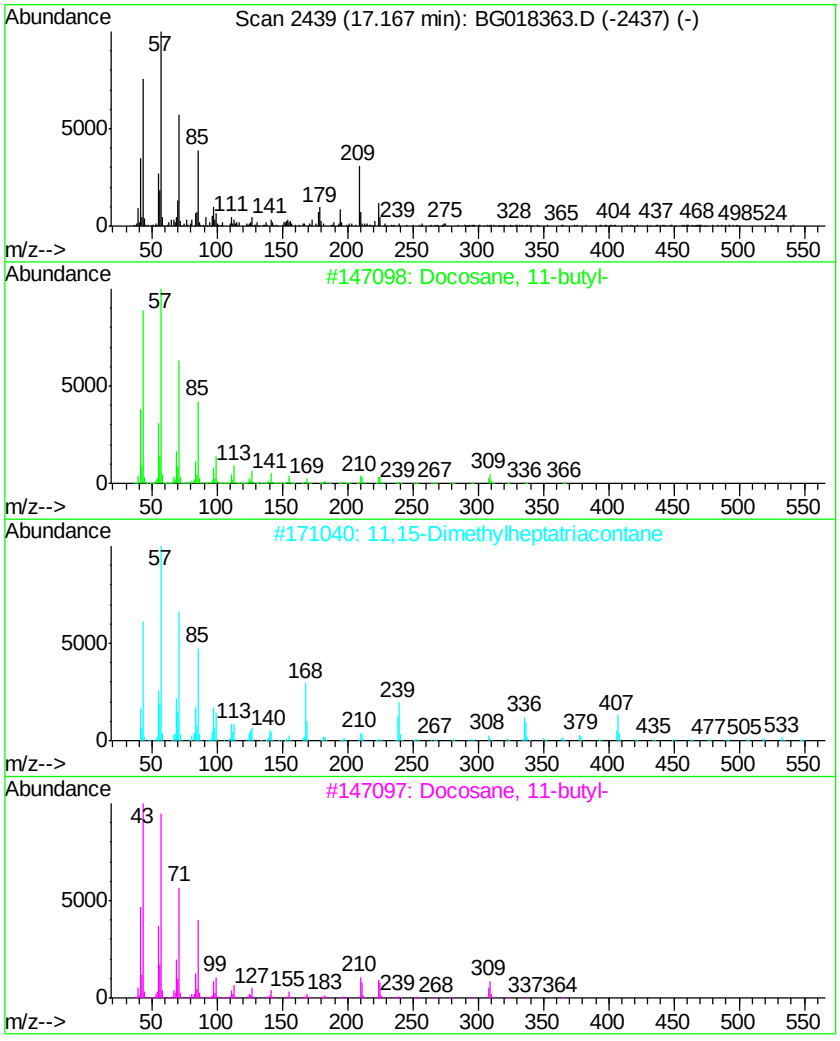
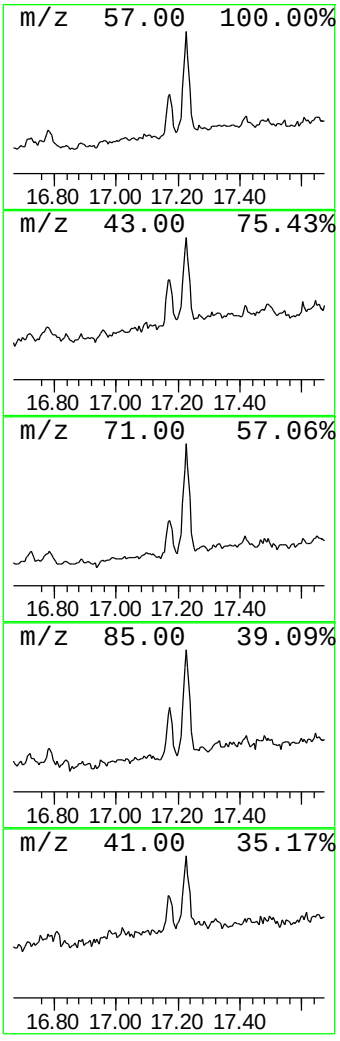
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.87 ng/ul	335580	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	46
2	11,15-Dimethylheptatriacontane	549	C39H80	056987-89-4	46
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	45
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	43
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	43





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Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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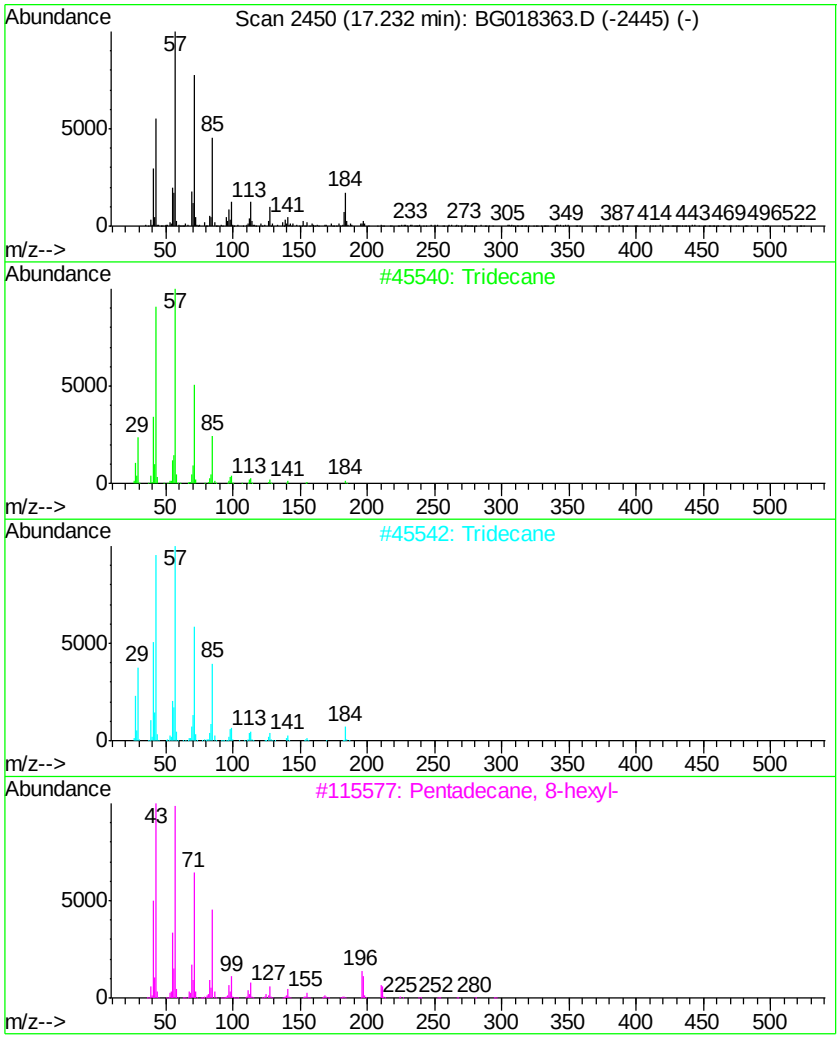
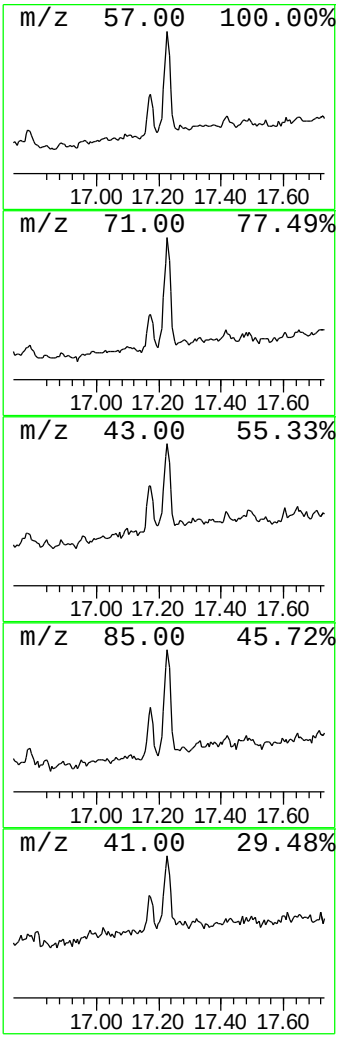
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	7.25 ng/ul	847062	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane	184	C13H28	000629-50-5	87
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	81





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Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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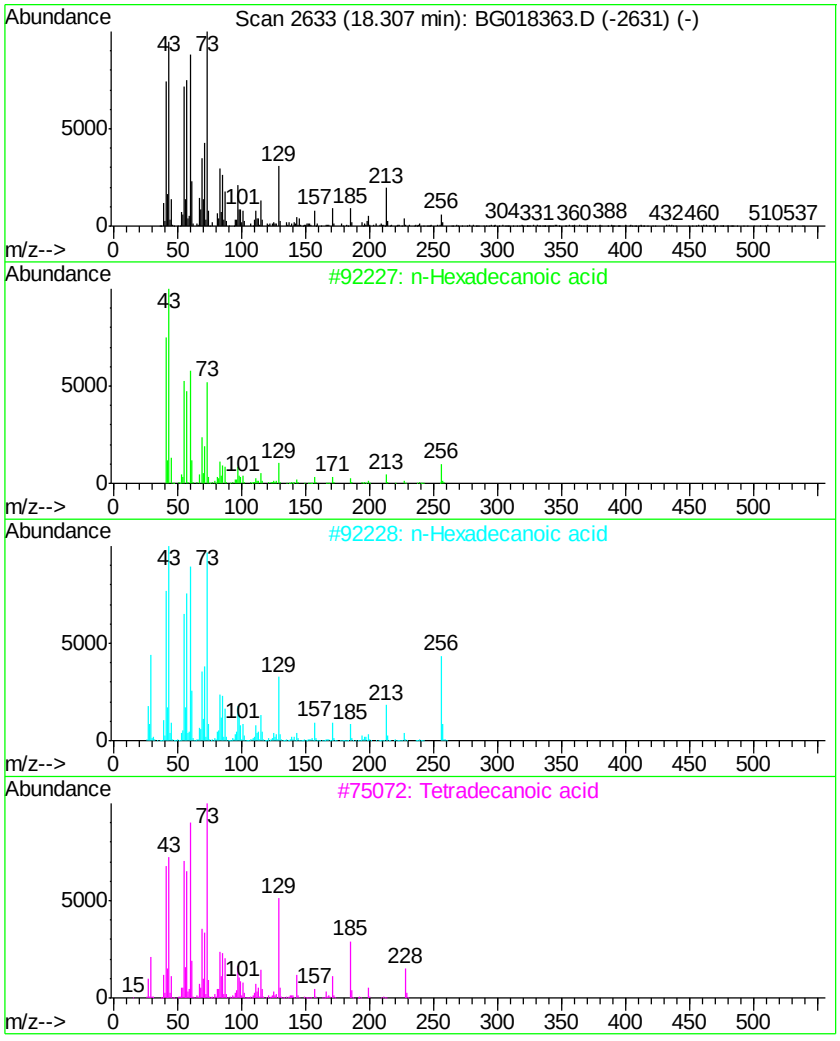
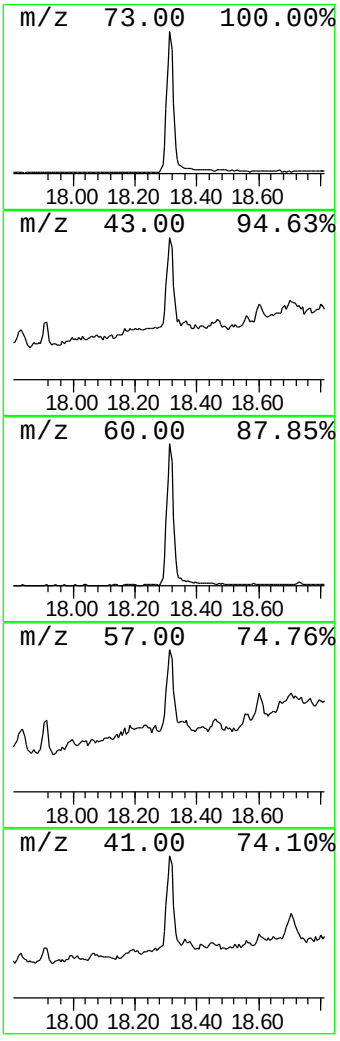
Peak Number 29 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	16.23 ng/ul	1897490	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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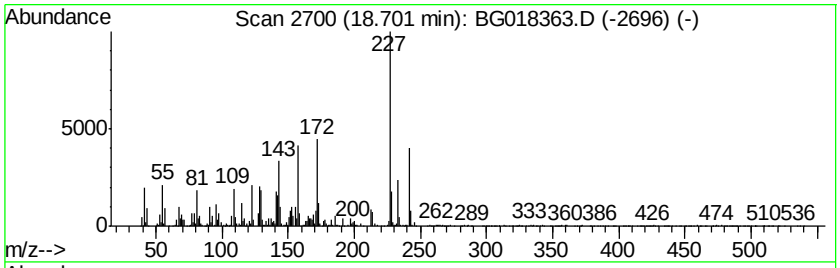
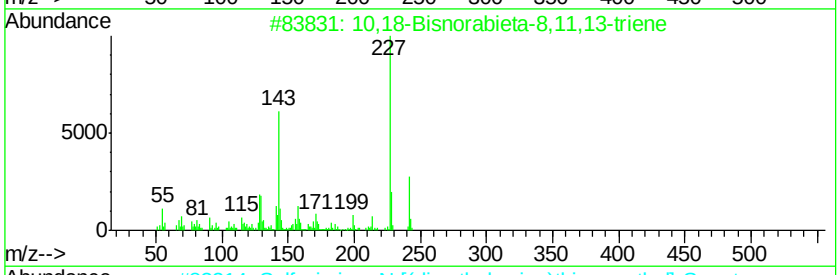
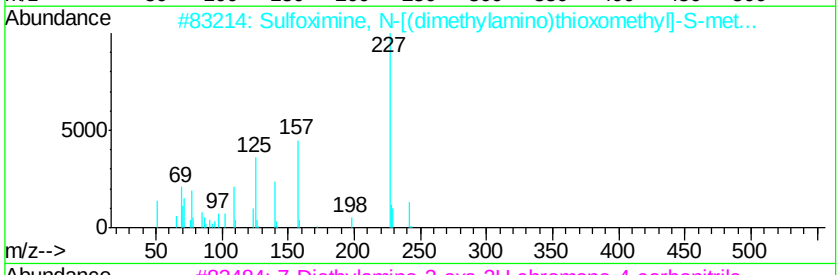
Peak Number 30 unknown-03 Concentration Rank 5

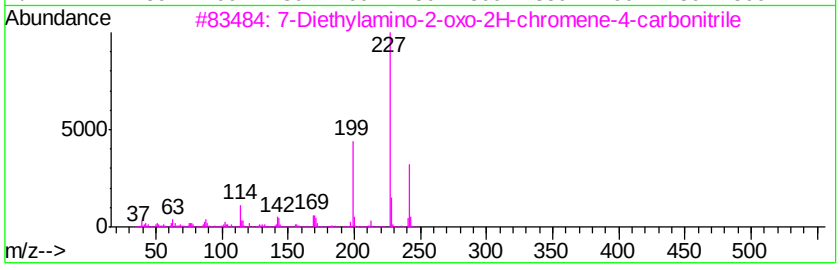
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	21.35 ng/ul	2495850	Phenanthrene-d10	17.41

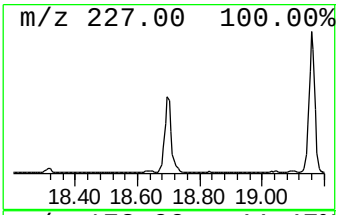
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	49
2	Sulfoximine, N-[(dimethylamino)t...	242	C10H14N2OS2	054091-01-9	32
3	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	30
4	2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	1000297-99-1	30
5	5-Methoxy-2-methyl-4-oxo-1,2,3,4...	242	C14H14N2O2	1000227-06-0	27

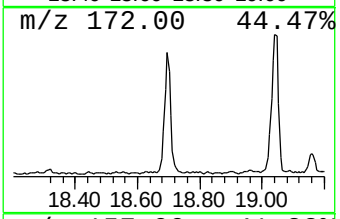


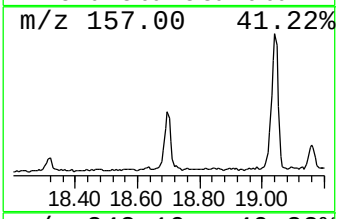


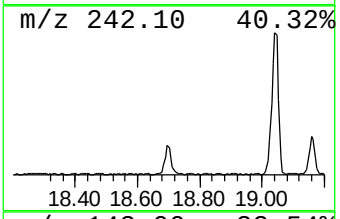


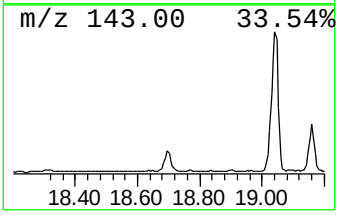












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Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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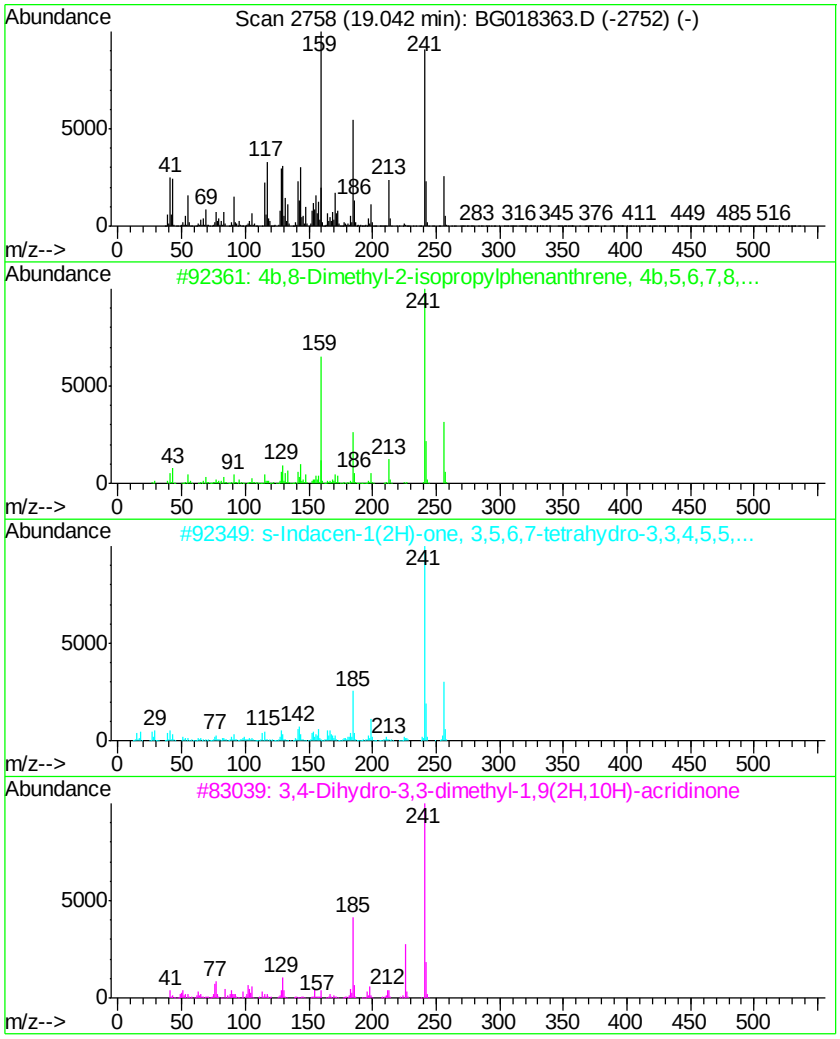
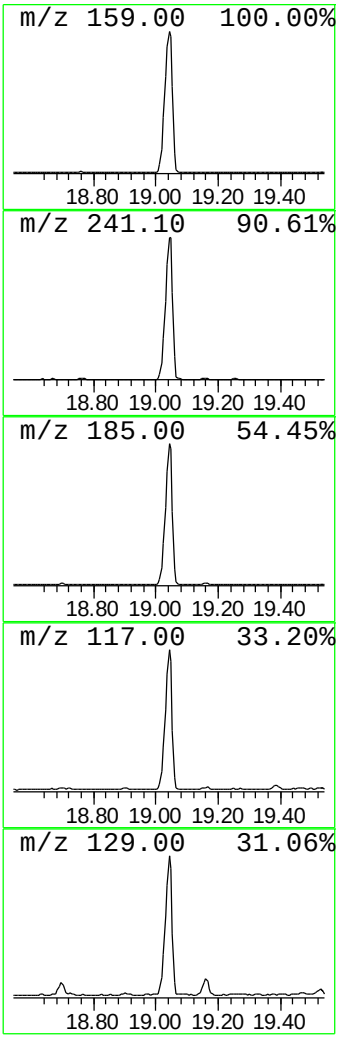
Peak Number 31 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	171.60 ng/ul	20057600	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	42
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	38
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	25
5	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	22





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Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

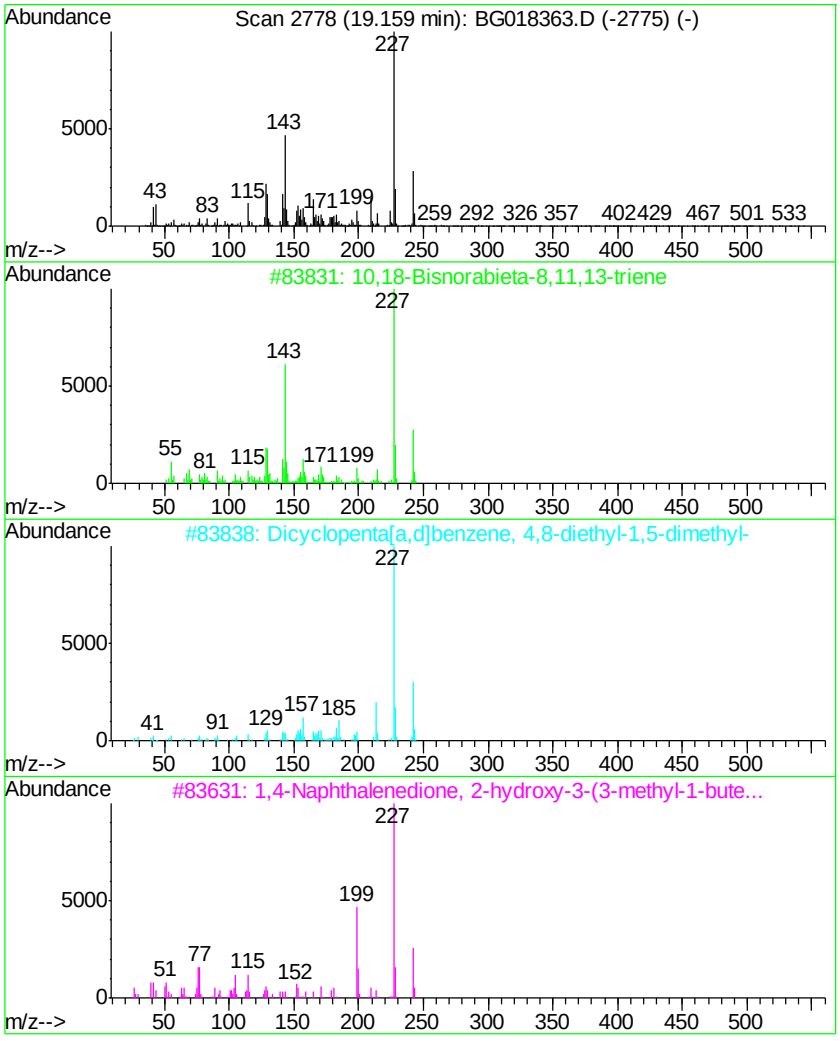
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

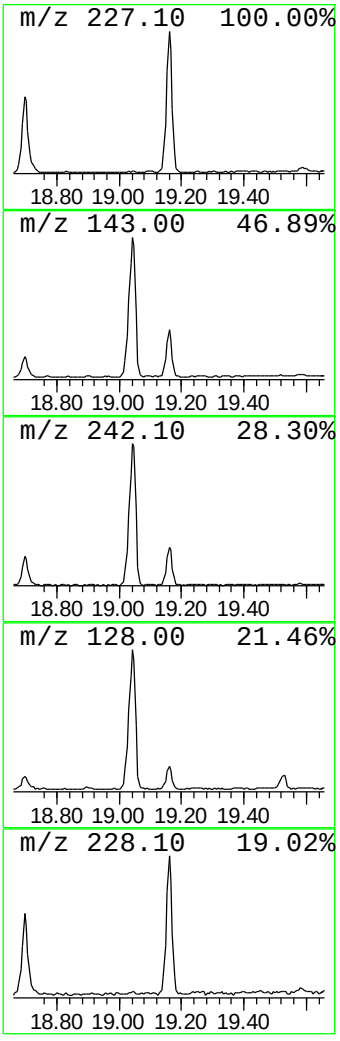
****

Peak Number 32 10,18-Bisnorabieta-8,11,13-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	18.51 ng/ul	2163690	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	93
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	78
3	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	55
4	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	000084-79-7	49
5	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49





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Acq On : 10 Aug 2015 20:56
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Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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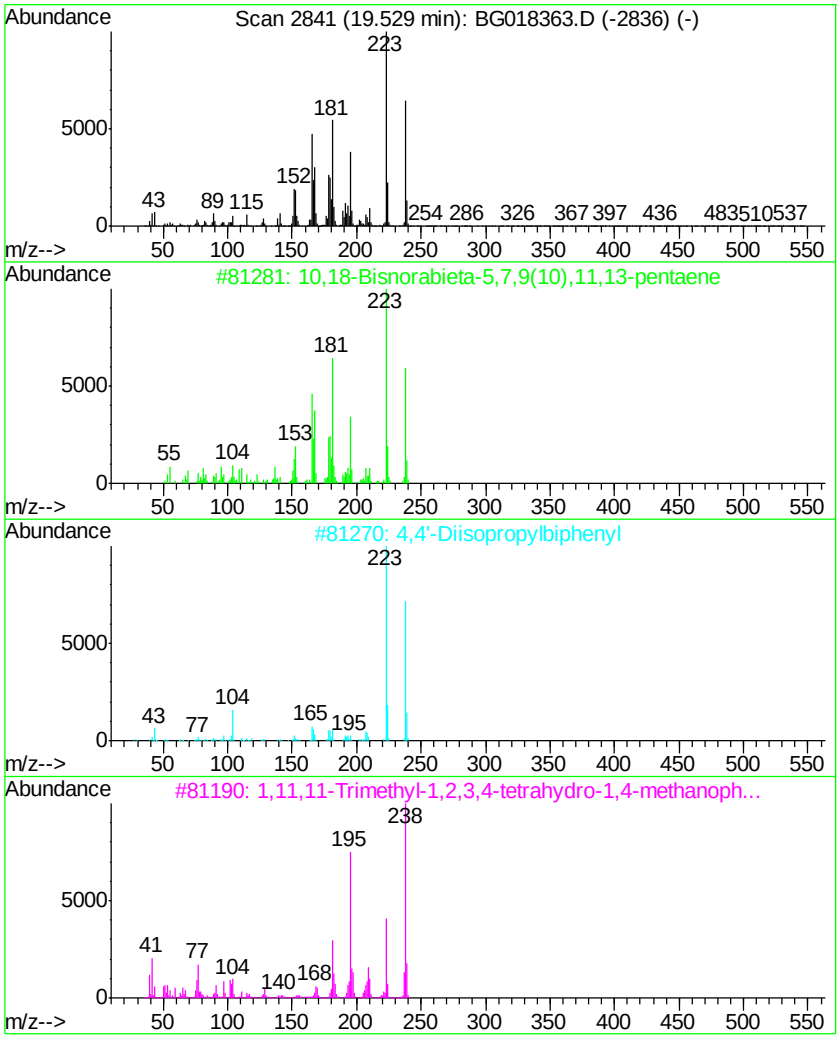
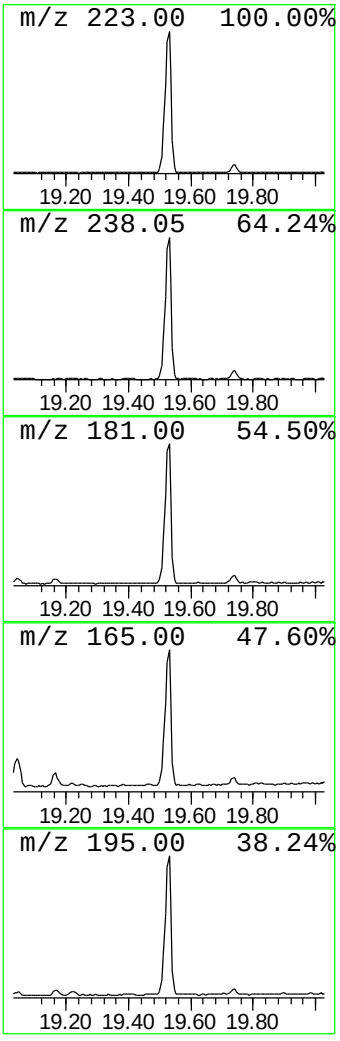
Peak Number 33 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	86.40 ng/ul	10098700	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
3	1,11,11-Trimethyl-1,2,3,4-tetrah...	238	C16H18N2	1000210-51-9	47
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	45
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
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Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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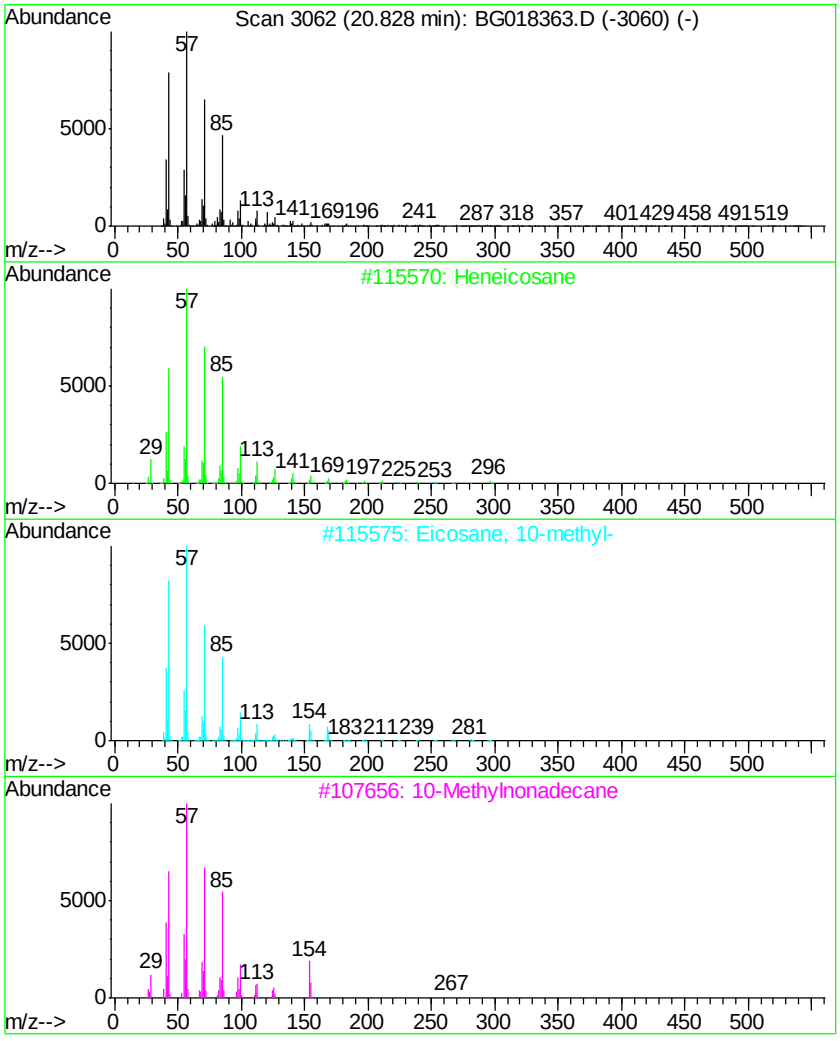
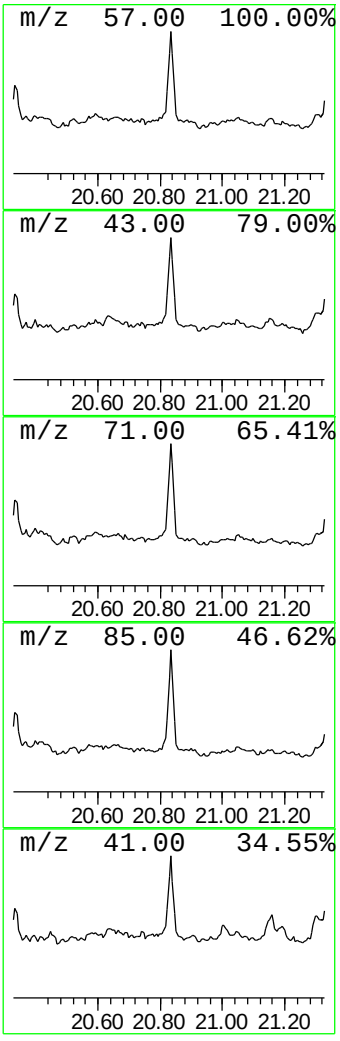
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	7.88 ng/ul	4452700	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	10-Methylnonadecane	282	C20H42	056862-62-5	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5	Octacosane	394	C28H58	000630-02-4	89





Library Search Compound Report

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Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

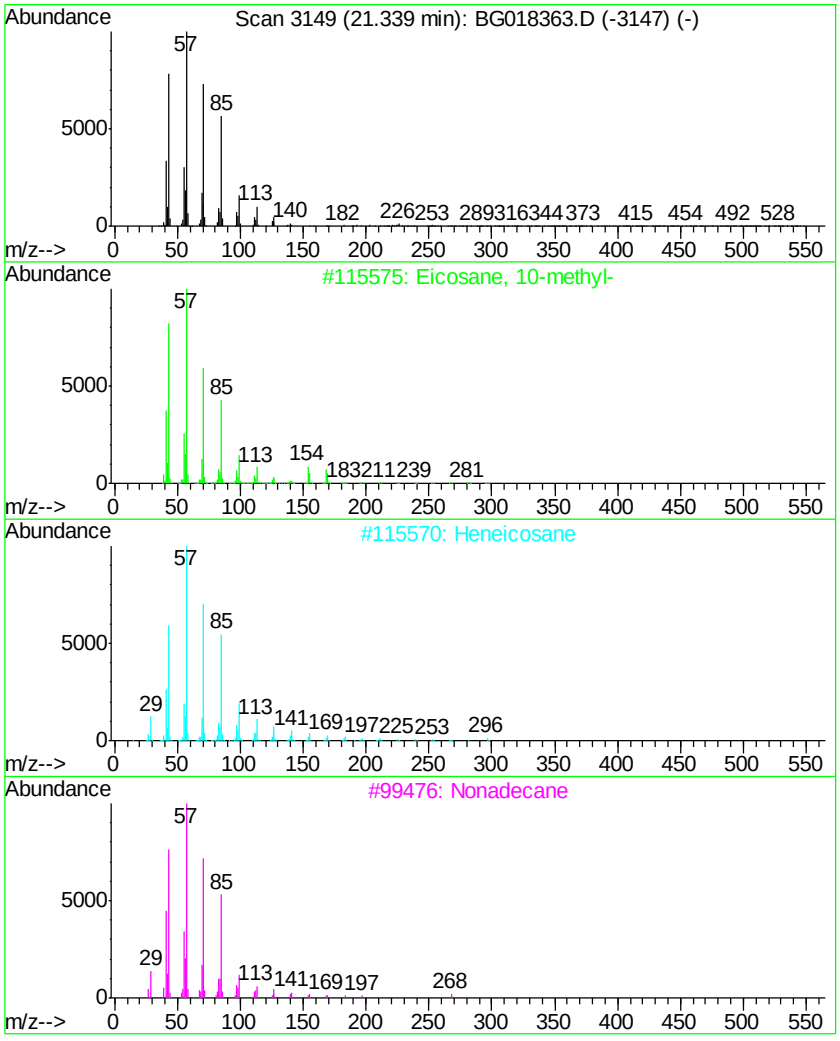
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

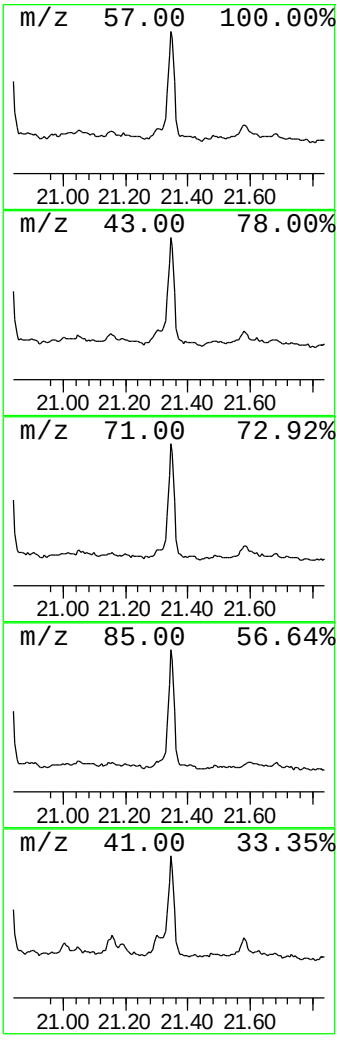
****

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	15.91 ng/ul	8994250	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	10-Methylnonadecane	282	C20H42	056862-62-5	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
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Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

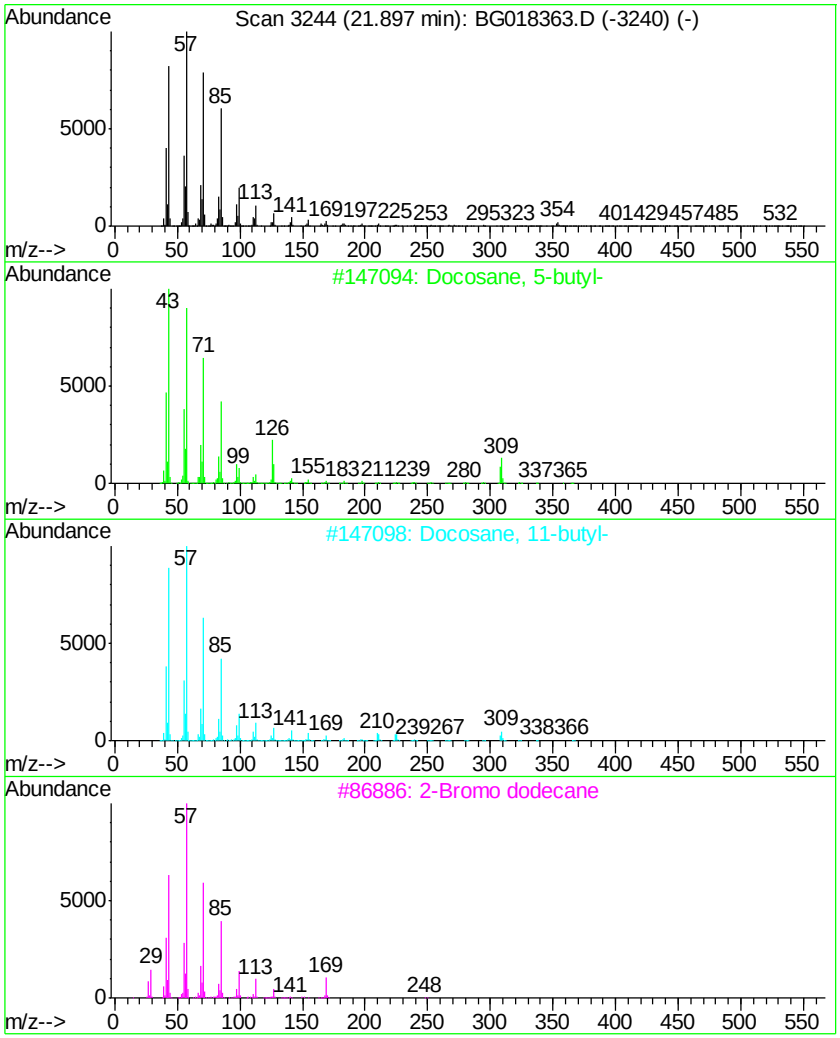
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

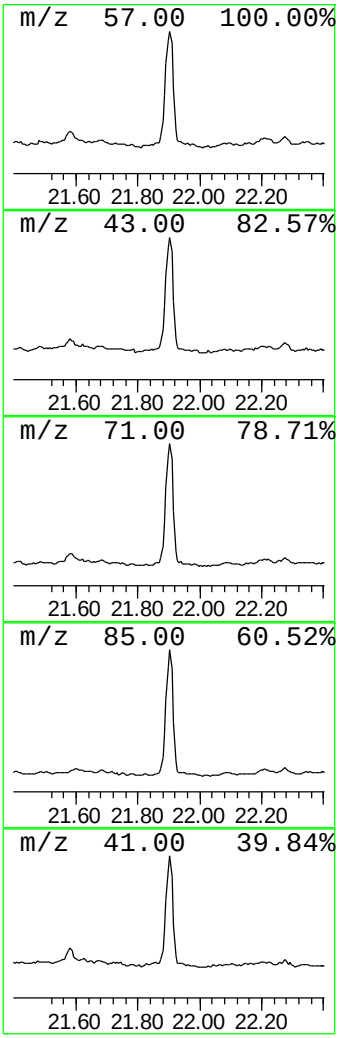
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	20.00 ng/ul	11304200	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91





Library Search Compound Report

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Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

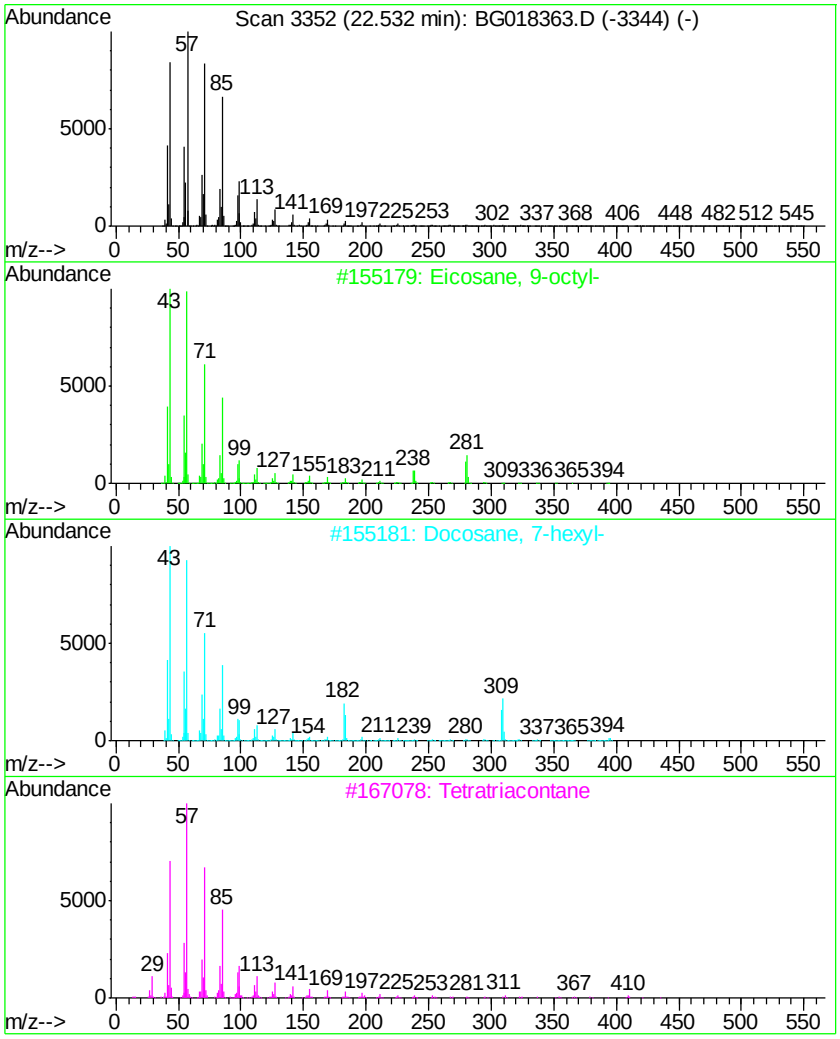
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

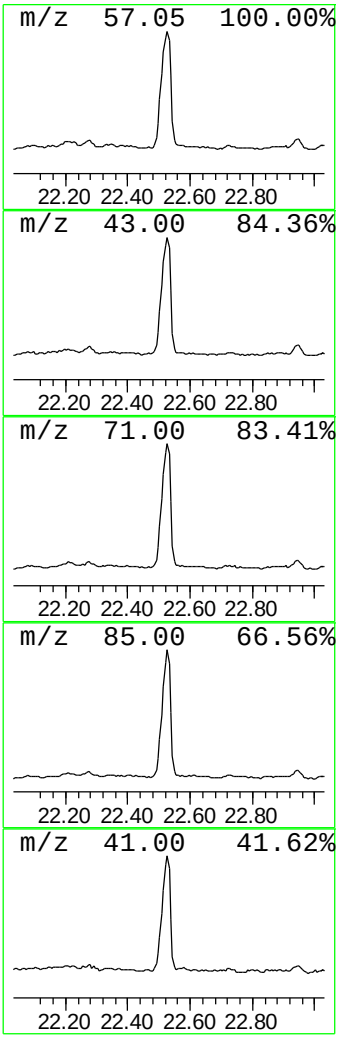
****

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	29.34 ng/ul	16585200	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90
3	Tetratriacontane	479	C34H70	014167-59-0	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

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Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

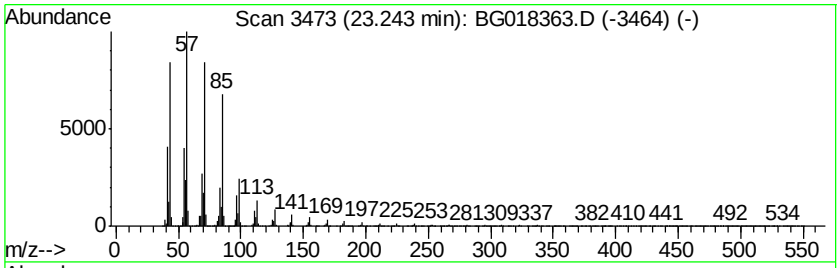
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

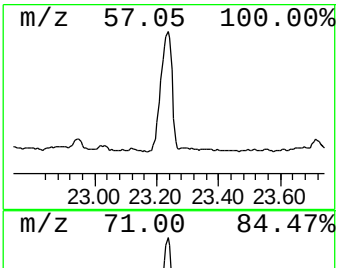
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	35.50 ng/ul	20066900	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	89
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetratriacontane	479	C34H70	014167-59-0	87
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
5	Octacosane	394	C28H58	000630-02-4	87





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Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

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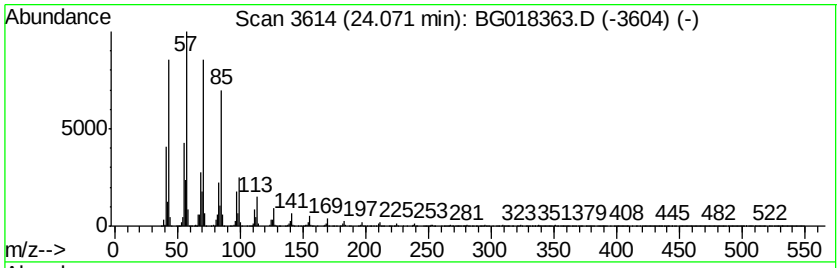
Quant Title : SVOA CALIBRATION

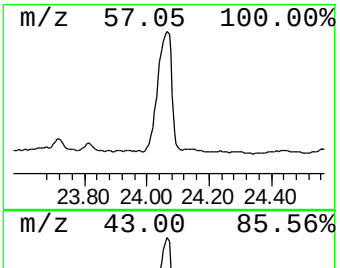
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

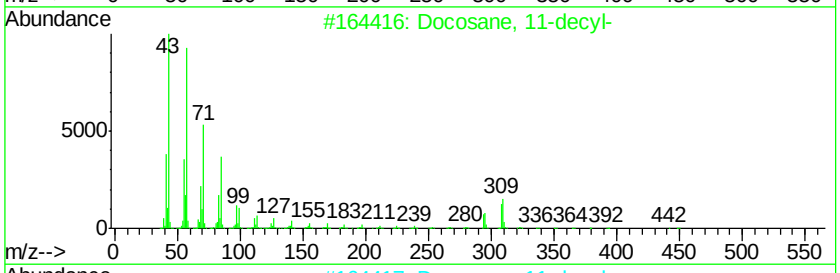
****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 6

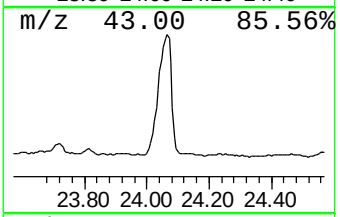
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	20.40 ng/ul	25173700	Perylene-d12	24.93

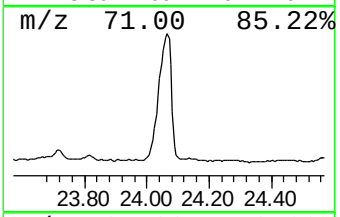
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-decyl-	451	C32H66	055401-55-3	94
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3	1-Pentadecene	210	C15H30	013360-61-7	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Tetratetracontane	619	C44H90	007098-22-8	87

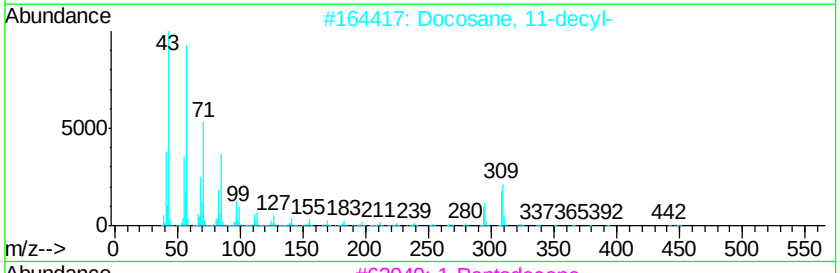


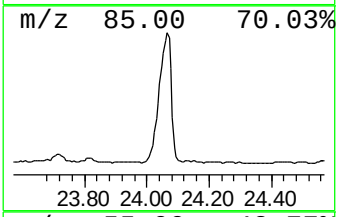


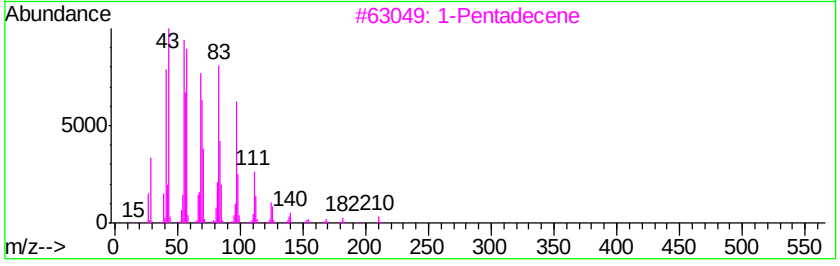


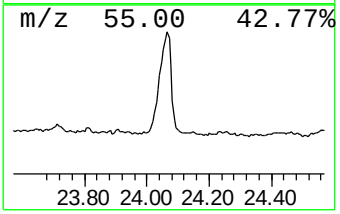












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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

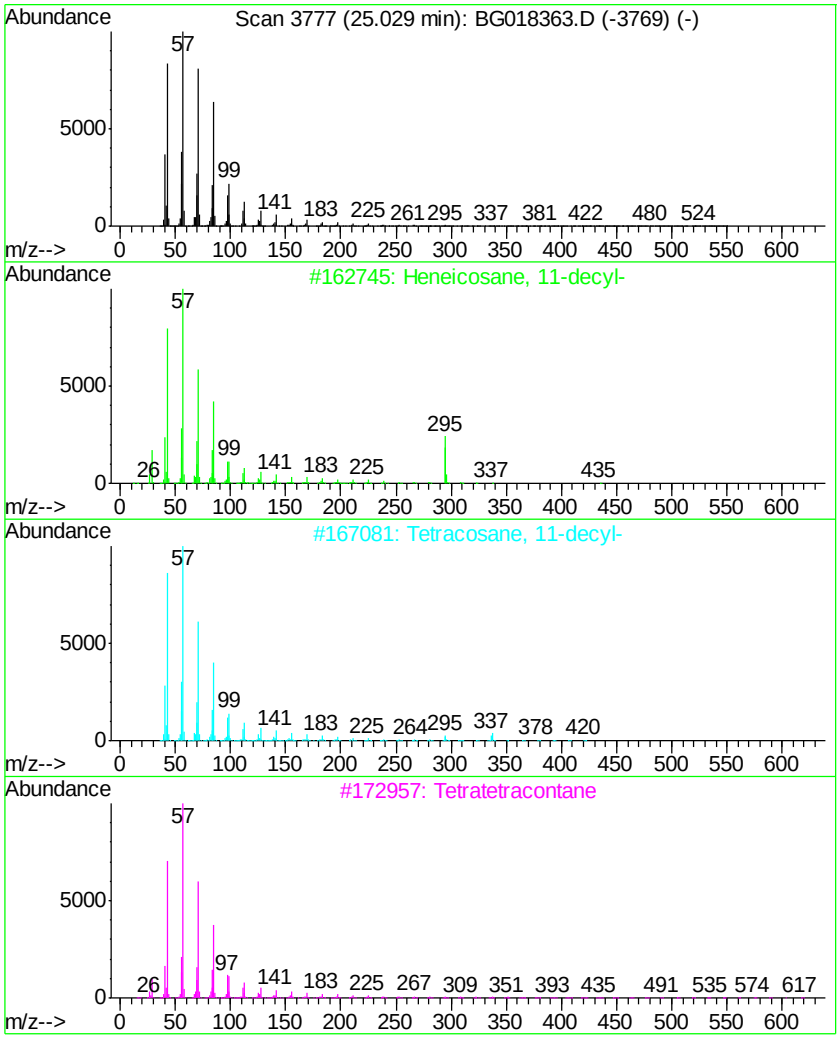
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

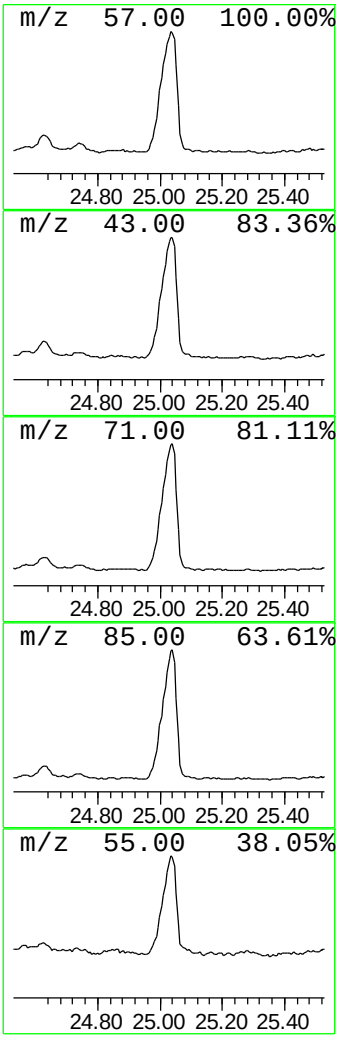
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.03	20.00 ng/ul	24674900	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Tetratriacontane	479	C34H70	014167-59-0	87
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

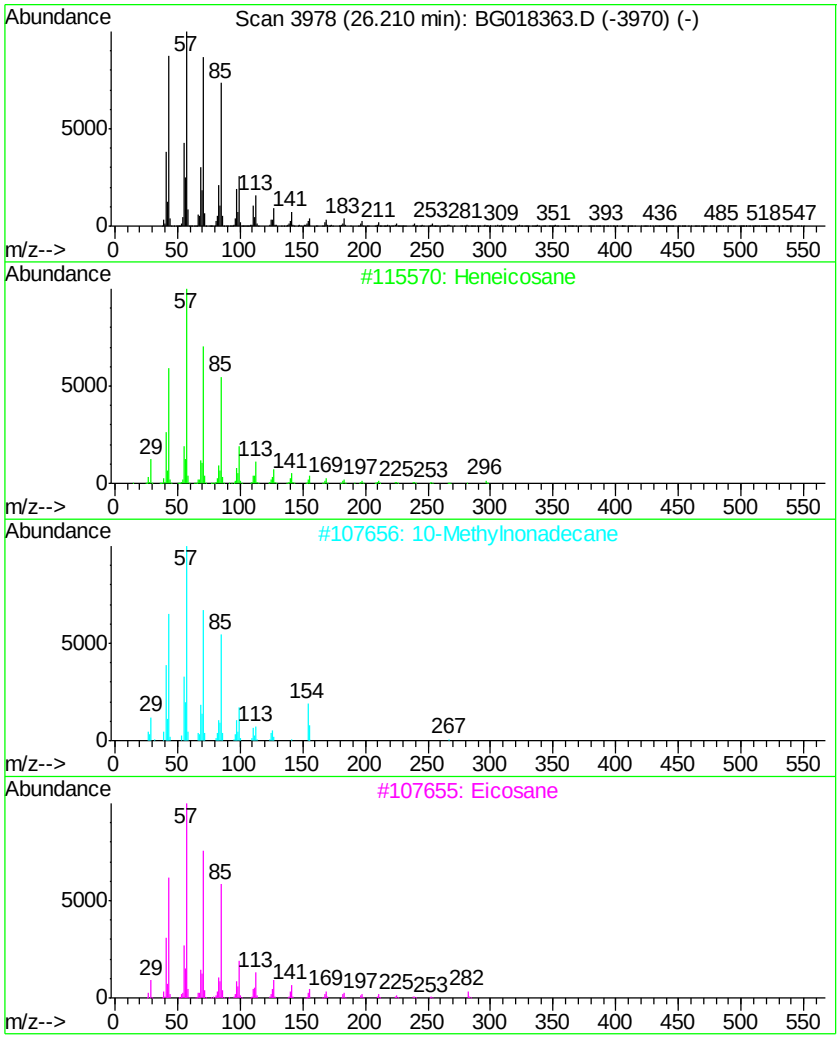
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

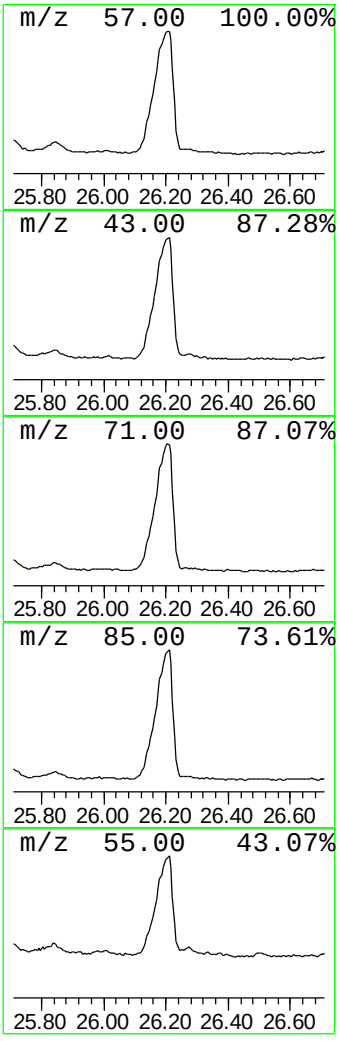
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	17.40 ng/ul	21468800	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	10-Methylnonadecane	282	C20H42	056862-62-5	86
3	Eicosane	282	C20H42	000112-95-8	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Nonadecane	268	C19H40	000629-92-5	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018363.D
Acq On : 10 Aug 2015 20:56
Operator : UM/MA
Sample : G3136-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	7.04	5.8	ng/ul	368079	1	8.04	1276090	20.0
Benzene, 1,2,4-tr...	7.27	2.7	ng/ul	174324	1	8.04	1276090	20.0
Benzene, 1,3,5-tr...	7.69	4.5	ng/ul	288708	1	8.04	1276090	20.0
(DEL) Alkane: Str...	8.18	2.3	ng/ul	143494	1	8.04	1276090	20.0
(DEL) Alkane: Str...	8.28	4.0	ng/ul	255008	1	8.04	1276090	20.0
Benzene, 1,2-diet...	8.54	2.1	ng/ul	137450	1	8.04	1276090	20.0
(DEL) Alkane: Str...	8.59	5.7	ng/ul	362617	1	8.04	1276090	20.0
Benzene, 1,3-diet...	8.68	2.7	ng/ul	171290	1	8.04	1276090	20.0
unknown-01	9.41	2.8	ng/ul	177354	1	8.04	1276090	20.0
trans-Decalin, 2-...	10.03	2.7	ng/ul	271833	2	10.85	2032770	20.0
1H-Indene, 2,3-di...	10.25	4.0	ng/ul	407712	2	10.85	2032770	20.0
(DEL) Alkane: Cyc...	11.56	2.2	ng/ul	219575	2	10.85	2032770	20.0
1H-Indene, 2,3-di...	11.77	2.8	ng/ul	283873	2	10.85	2032770	20.0
Cyclohexanol, 5-m...	11.87	3.0	ng/ul	305605	2	10.85	2032770	20.0
(DEL) Alkane: Str...	13.21	2.6	ng/ul	342016	3	14.67	2642750	20.0
(DEL) Alkane: Str...	13.50	2.3	ng/ul	303920	3	14.67	2642750	20.0
unknown-02	14.51	2.2	ng/ul	285635	3	14.67	2642750	20.0
(DEL) Alkane: Str...	14.57	3.1	ng/ul	415716	3	14.67	2642750	20.0
(DEL) Alkane: Cyc...	15.19	2.1	ng/ul	274995	3	14.67	2642750	20.0
(DEL) Alkane: Str...	15.52	2.1	ng/ul	272378	3	14.67	2642750	20.0
2-Bromo dodecane	15.93	4.7	ng/ul	618522	3	14.67	2642750	20.0
(DEL) Alkane: Str...	16.38	3.8	ng/ul	444630	4	17.41	2337760	20.0
(DEL) Alkane: Str...	16.40	9.5	ng/ul	1108150	4	17.41	2337760	20.0
(DEL) Alkane: Str...	17.17	2.9	ng/ul	335580	4	17.41	2337760	20.0
(DEL) Alkane: Str...	17.23	7.3	ng/ul	847062	4	17.41	2337760	20.0
n-Hexadecanoic acid	18.31	16.2	ng/ul	1897490	4	17.41	2337760	20.0
unknown-03	18.70	21.4	ng/ul	2495850	4	17.41	2337760	20.0
4b,8-Dimethyl-2-i...	19.04	171.6	ng/ul	20057600	4	17.41	2337760	20.0
10,18-Bisnorabiet...	19.16	18.5	ng/ul	2163690	4	17.41	2337760	20.0
10,18-Bisnorabiet...	19.53	86.4	ng/ul	10098700	4	17.41	2337760	20.0
(DEL) Alkane: Str...	20.83	7.9	ng/ul	4452700	5	21.69	11304200	20.0
(DEL) Alkane: Str...	21.34	15.9	ng/ul	8994250	5	21.69	11304200	20.0
(DEL) Alkane: Str...	21.90	20.0	ng/ul	11304200	5	21.69	11304200	20.0
(DEL) Alkane: Str...	22.53	29.3	ng/ul	16585200	5	21.69	11304200	20.0
(DEL) Alkane: Str...	23.24	35.5	ng/ul	20066900	5	21.69	11304200	20.0
(DEL) Alkane: Str...	24.07	20.4	ng/ul	25173700	6	24.93	24674900	20.0
(DEL) Alkane: Str...	25.03	20.0	ng/ul	24674900	6	24.93	24674900	20.0
(DEL) Alkane: Str...	26.21	17.4	ng/ul	21468800	6	24.93	24674900	20.0