LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

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_M\METHODS\SOM02.2-EPA-BM072715.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	2.763	9	13	17	rVV	12109	15121	1.00%	0.106%
2	2.804	17	20	25	rVB2	5310	6851	0.45%	0.048%
3	3.587	149	153	159	rVB	10533	12776	0.84%	0.089%
4	3.798	185	189	195	rVB	9920	13564	0.89%	0.095%
5	5.239	430	434	436	rBV	8624	10592	0.70%	0.074%
6	5.610	491	497	501	rBB3	7516	12209	0.81%	0.085%
7	6.739	683	689	692	rBV4	7284	13908	0.92%	0.097%
8	6.781	692	696	706	rVB	83080	134897	8.90%	0.943%
9	6.939	714	723	734	rBV	64955	108205	7.14%	0.757%
10	7.069	740	745	750	rBV3	10893	17307	1.14%	0.121%
11	7.133	750	756	766	rVV	93835	145904	9.62%	1.020%
12	7.239	771	774	780	rVB2	7420	10274	0.68%	0.072%
13	7.598	823	835	842	rVV	232956	370396	24.43%	2.590%
14	7.710	849	854	858	rVV3	3966	7100	0.47%	0.050%
15	8.133	923	926	931	rVV4	6681	9148	0.60%	0.064%
16	8.233	936	943	949	rVV4	5062	11199	0.74%	0.078%
17	8.316	952	957	966	rBV	62463	103657	6.84%	0.725%
18	8.416	966	974	980	rVV6	14052	29695	1.96%	0.208%
19	8.592	998	1004	1008	rVV4	5409	8746	0.58%	0.061%
20	8.686	1015	1020	1025	rVV6	7881	14970	0.99%	0.105%
21	8.757	1025	1032	1038	rVV	82010	134777	8.89%	0.942%
22	8.816	1038	1042	1047	rVV2	8694	14351	0.95%	0.100%
23	8.910	1050	1058	1059	rBV5	4337	8933	0.59%	0.062%
24	8.933	1059	1062	1068	rVB5	5455	10563	0.70%	0.074%
25	9.222	1107	1111	1116	rBV4	4709	9257	0.61%	0.065%
26	9.298	1119	1124	1130	rVB4	7185	12760	0.84%	0.089%
27	9.475	1145	1154	1163	rBV2	51909	93733	6.18%	0.655%
28	9.557	1163	1168	1172	rBV3	9674	17644	1.16%	0.123%
29	9.727	1191	1197	1202	rVB5	3934	8096	0.53%	0.057%
30	9.792	1202	1208	1213	rBV5	5916	13971	0.92%	0.098%
31	10.016	1241	1246	1254	rVB	105160	166847	11.00%	1.167%
32	10.169	1266	1272	1276	rBV3	6887	11758	0.78%	0.082%
33	10.251	1281	1286	1290	rBV2	12933	19591	1.29%	0.137%
34	10.386	1298	1309	1315	rBV	309754	534364	35.24%	3.736%

LSC Area Percent Report

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Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

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_M\METHODS\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

35	10.433	1315	1317	1322	rVB	15104	20419	1.35%	0.143%
36	10.533	1330	1334	1343	rVB2	48844	83313	5.49%	0.582%
37	10.774	1371	1375	1381	rVB6	3967	6690	0.44%	0.047%
38	10.863	1384	1390	1397	rVB2	7516	13856	0.91%	0.097%
39	10.927	1397	1401	1404	rBV4	6808	11679	0.77%	0.082%
40	10.992	1407	1412	1415	rBV3	5122	7529	0.50%	0.053%
41	11.069	1423	1425	1430	rVB3	6006	9626	0.63%	0.067%
42	11.139	1435	1437	1442	rVV2	4920	7878	0.52%	0.055%
43	11.210	1444	1449	1457	rVV6	6530	16734	1.10%	0.117%
44	11.292	1459	1463	1471	rVB4	8826	16737	1.10%	0.117%
45	11.404	1477	1482	1490	rVV4	24754	53835	3.55%	0.376%
46	11.469	1491	1493	1498	rVV5	8860	14393	0.95%	0.101%
47	11.569	1502	1510	1514	rBV5	5153	10754	0.71%	0.075%
48	11.663	1522	1526	1531	rVB5	8970	14016	0.92%	0.098%
49	11.810	1544	1551	1553	rBV6	11127	18513	1.22%	0.129%
50	12.057	1589	1593	1600	rVB	22183	38182	2.52%	0.267%
51	12.121	1600	1604	1611	rBV6	8160	15163	1.00%	0.106%
52	12.210	1616	1619	1624	rVB6	5602	8702	0.57%	0.061%
53	12.280	1624	1631	1635	rBV3	10654	23120	1.52%	0.162%
54	12.451	1655	1660	1664	rBV4	9941	19214	1.27%	0.134%
55	12.592	1681	1684	1689	rBV6	10503	16191	1.07%	0.113%
56	12.674	1695	1698	1703	rVB6	10850	16270	1.07%	0.114%
57	12.727	1704	1707	1712	rVV7	8993	16384	1.08%	0.115%
58	12.780	1712	1716	1722	rVB	40382	56976	3.76%	0.398%
59	12.851	1722	1728	1735	rBV8	18992	41719	2.75%	0.292%
60	13.021	1753	1757	1760	rBV2	25344	36643	2.42%	0.256%
61	13.074	1764	1766	1772	rVB5	12797	23666	1.56%	0.165%
62	13.415	1821	1824	1829	rBV3	12250	24860	1.64%	0.174%
63	13.580	1848	1852	1857	rVB7	14589	23218	1.53%	0.162%
64	13.674	1862	1868	1872	rVV	242305	345276	22.77%	2.414%
65	13.721	1872	1876	1883	rVB2	114930	217709	14.36%	1.522%
66	13.780	1883	1886	1891	rBV6	17360	26832	1.77%	0.188%
67	13.951	1910	1915	1920	rBV	202947	294034	19.39%	2.056%
68	14.080	1933	1937	1944	rVB2	65825	101556	6.70%	0.710%
69	14.157	1945	1950	1955	rBV4	41241	64928	4.28%	0.454%
70	14.221	1956	1961	1962	rVV2	30361	46547	3.07%	0.325%
71	14.262	1963	1968	1974	rVB2	462347	715103	47.16%	5.000%

LSC Area Percent Report

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Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

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_M\METHODS\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

72	14.492	2003	2007	2012	rVB2	48896	77376	5.10%	0.541%
73	14.662	2033	2036	2040	rVB	28504	35176	2.32%	0.246%
74	14.780	2053	2056	2063	rVB3	36820	52641	3.47%	0.368%
75	14.886	2070	2074	2076	rBV4	25463	38656	2.55%	0.270%
76	14.968	2085	2088	2096	rBV7	24014	46784	3.09%	0.327%
77	15.045	2097	2101	2105	rVV4	43530	65020	4.29%	0.455%
78	15.257	2132	2137	2142	rVB	233306	325642	21.48%	2.277%
79	15.521	2177	2182	2186	rVB	97507	142234	9.38%	0.994%
80	15.998	2256	2263	2268	rBV	261811	454713	29.99%	3.179%
81	16.821	2399	2403	2407	rVB2	165207	217002	14.31%	1.517%
82	17.009	2430	2435	2440	rBV	592131	880803	58.09%	6.158%
83	17.051	2440	2442	2447	rVV	111004	141668	9.34%	0.990%
84	17.109	2448	2452	2456	rVV	251956	333920	22.02%	2.335%
85	17.421	2502	2505	2511	rBV4	66550	96647	6.37%	0.676%
86	17.909	2586	2588	2591	rBV2	69124	56913	3.75%	0.398%
87	18.080	2614	2617	2622	rVB2	134082	172906	11.40%	1.209%
88	18.633	2708	2711	2715	rVB2	138628	155076	10.23%	1.084%
89	19.080	2783	2787	2792	rBV	241736	323921	21.36%	2.265%
90	19.133	2792	2796	2802	rVV	335319	444865	29.34%	3.110%
91	19.221	2808	2811	2815	rVB	289351	345673	22.80%	2.417%
92	19.415	2840	2844	2847	rBV	350376	525215	34.64%	3.672%
93	19.668	2885	2887	2894	rVB2	241121	314117	20.72%	2.196%
94	19.933	2929	2932	2938	rBV5	230015	289886	19.12%	2.027%
95	21.127	3132	3135	3139	rVB	262345	297916	19.65%	2.083%
96	21.209	3145	3149	3161	rVB2	885676	1516272	100.00%	10.601%
97	21.785	3244	3247	3253	rVB	320922	363298	23.96%	2.540%
98	22.238	3321	3324	3328	rVB	409579	521020	34.36%	3.643%
99	23.279	3498	3501	3506	rBV2	400877	550527	36.31%	3.849%
100	23.421	3521	3525	3532	rVB2	538307	925523	61.04%	6.471%

Sum of corrected areas: 14302839

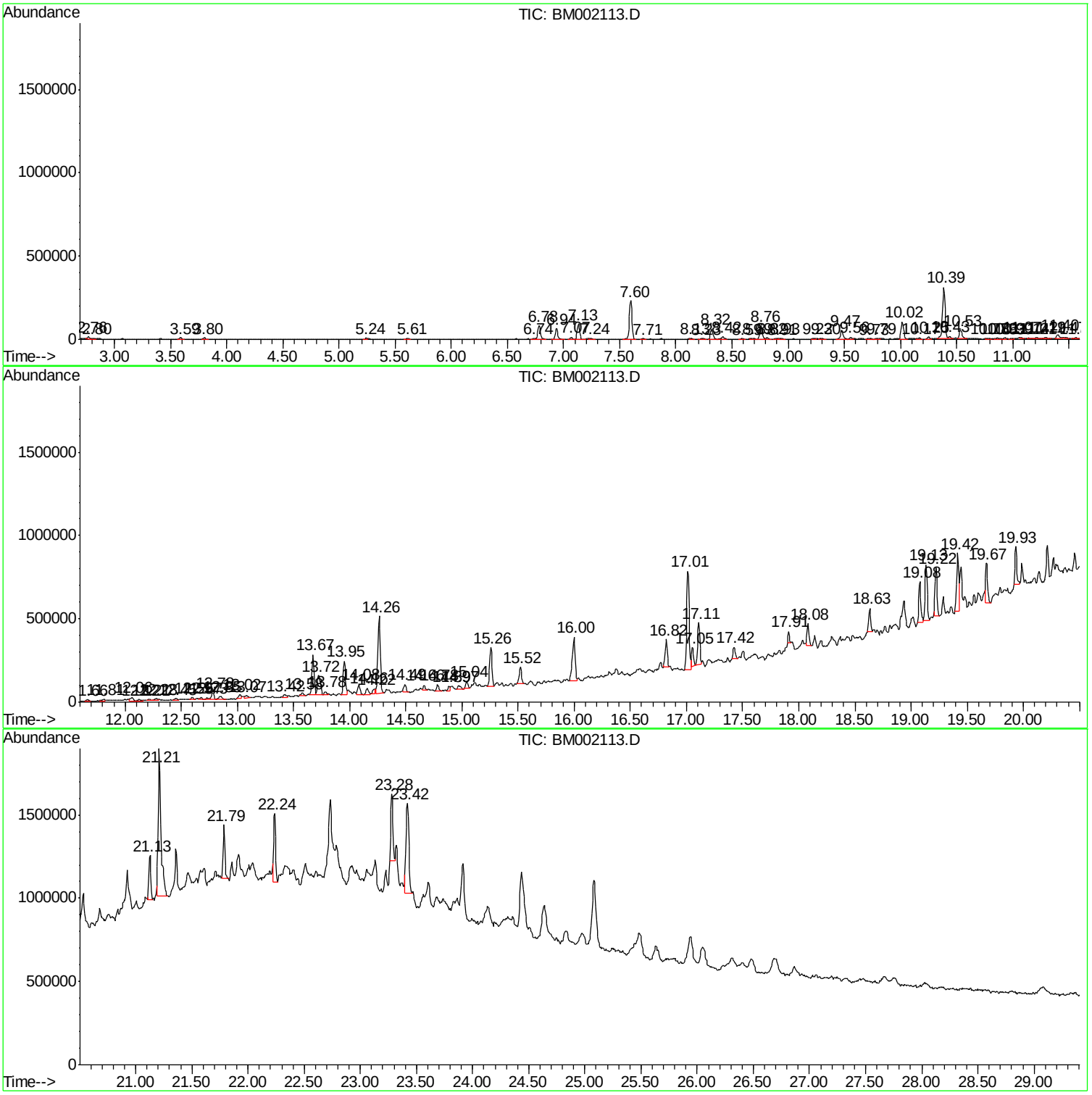
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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 M\DATA\BM072815\
Data File : BM002113.D
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

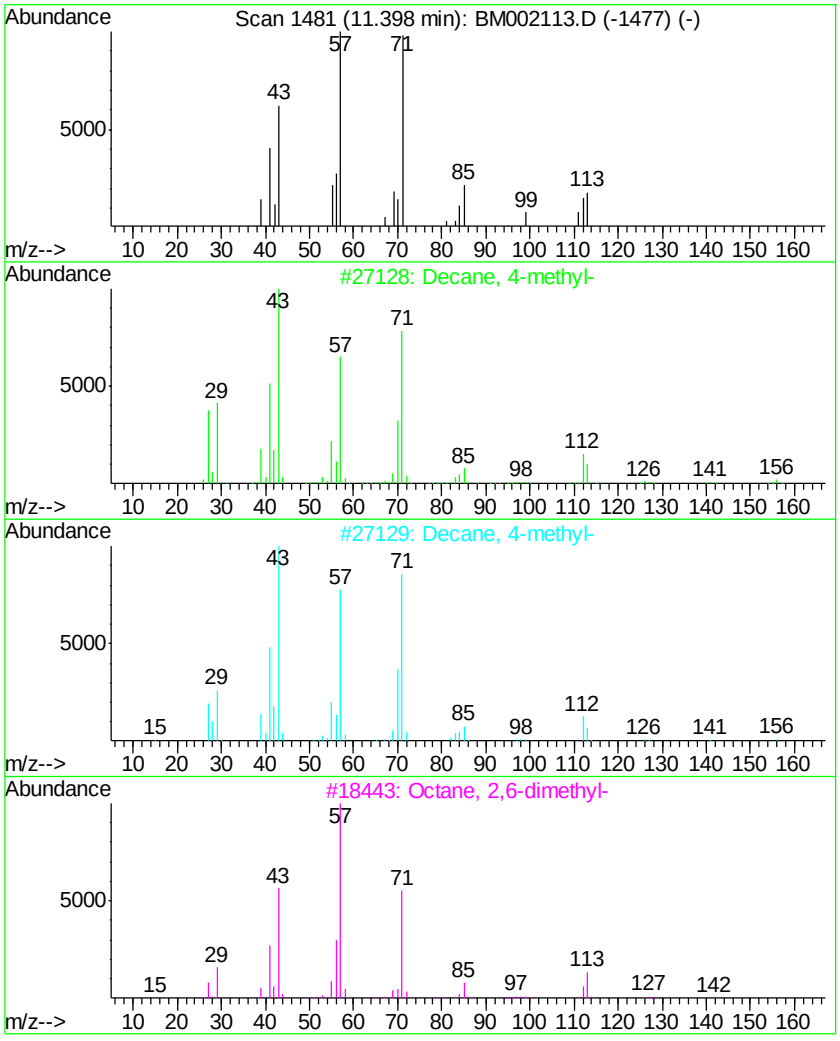
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

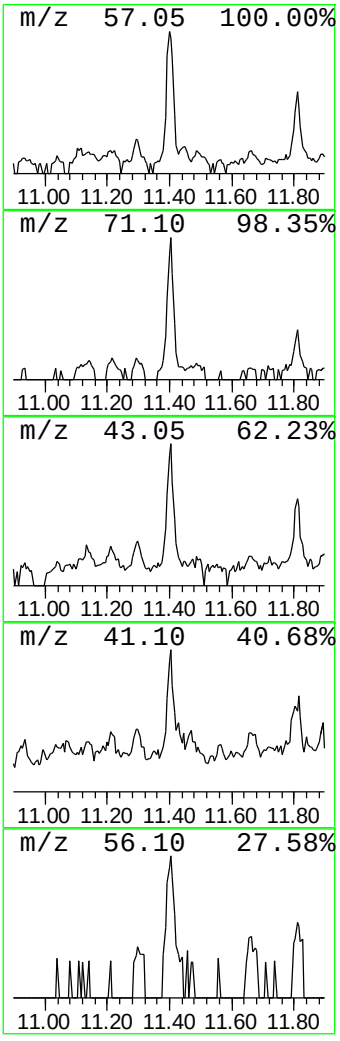
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.01 ng/ul	53835	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	64
2	Decane, 4-methyl-	156	C11H24	002847-72-5	64
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

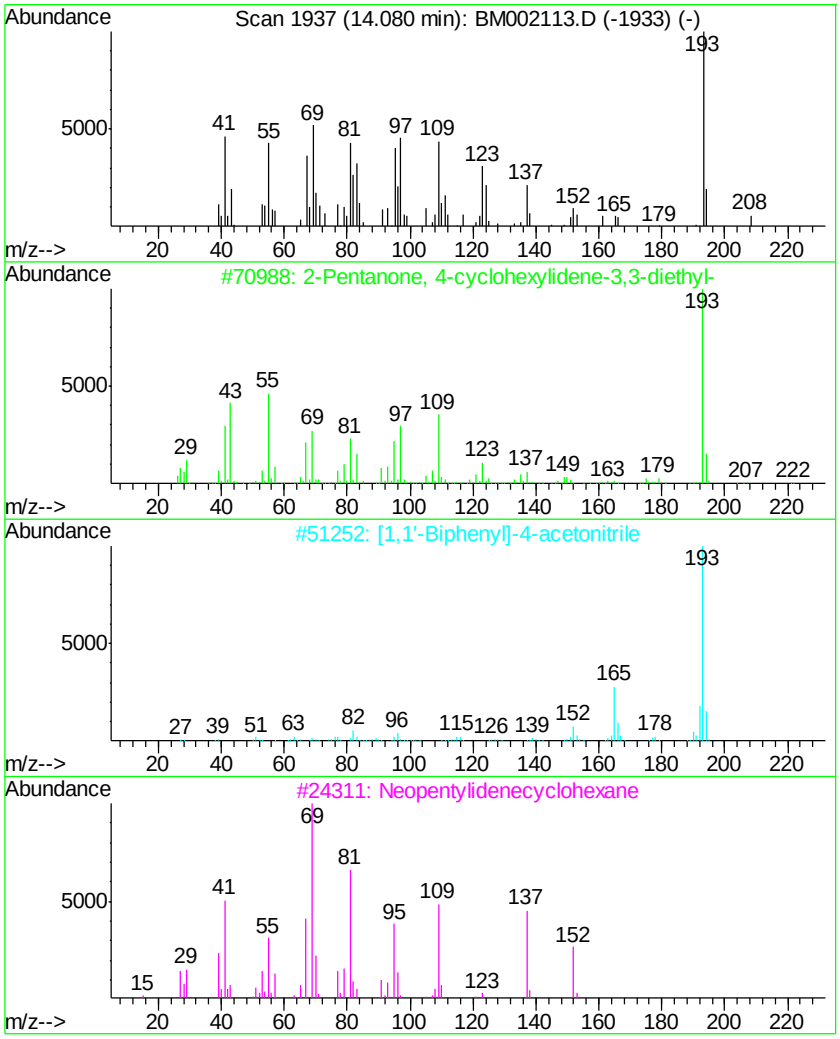
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

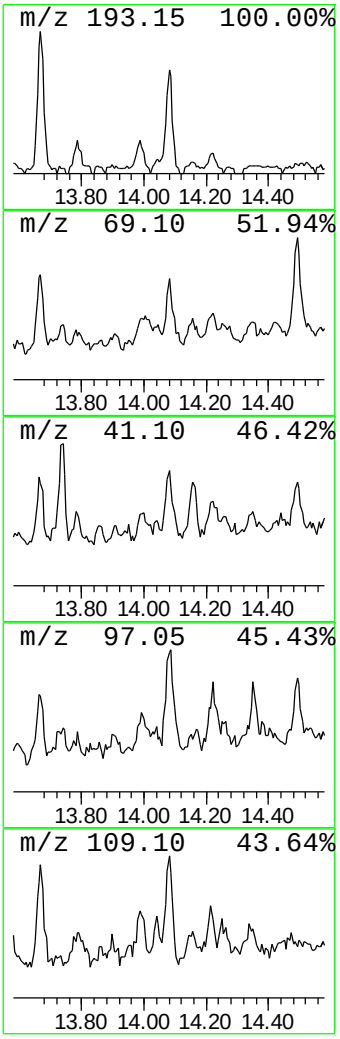
****

Peak Number 2 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.84 ng/ul	101556	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	28
2	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	27
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	25
4	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	23
5	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
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Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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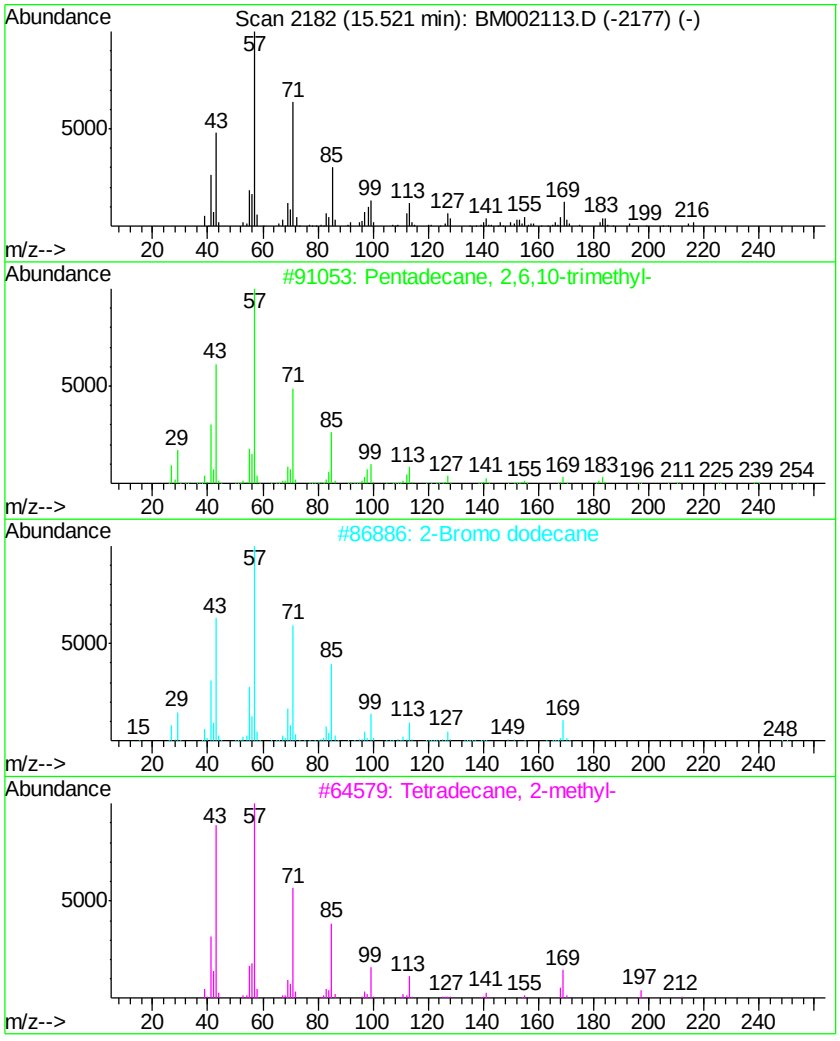
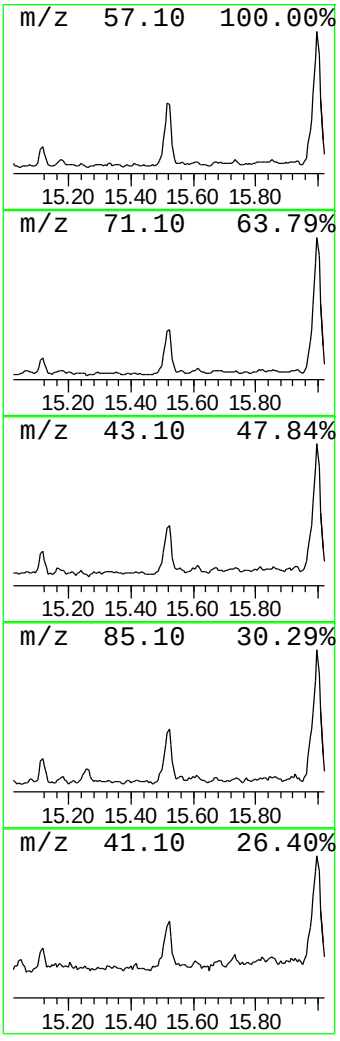
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.98 ng/ul	142234	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80
4	Tridecane	184	C13H28	000629-50-5	74
5	Eicosane	282	C20H42	000112-95-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

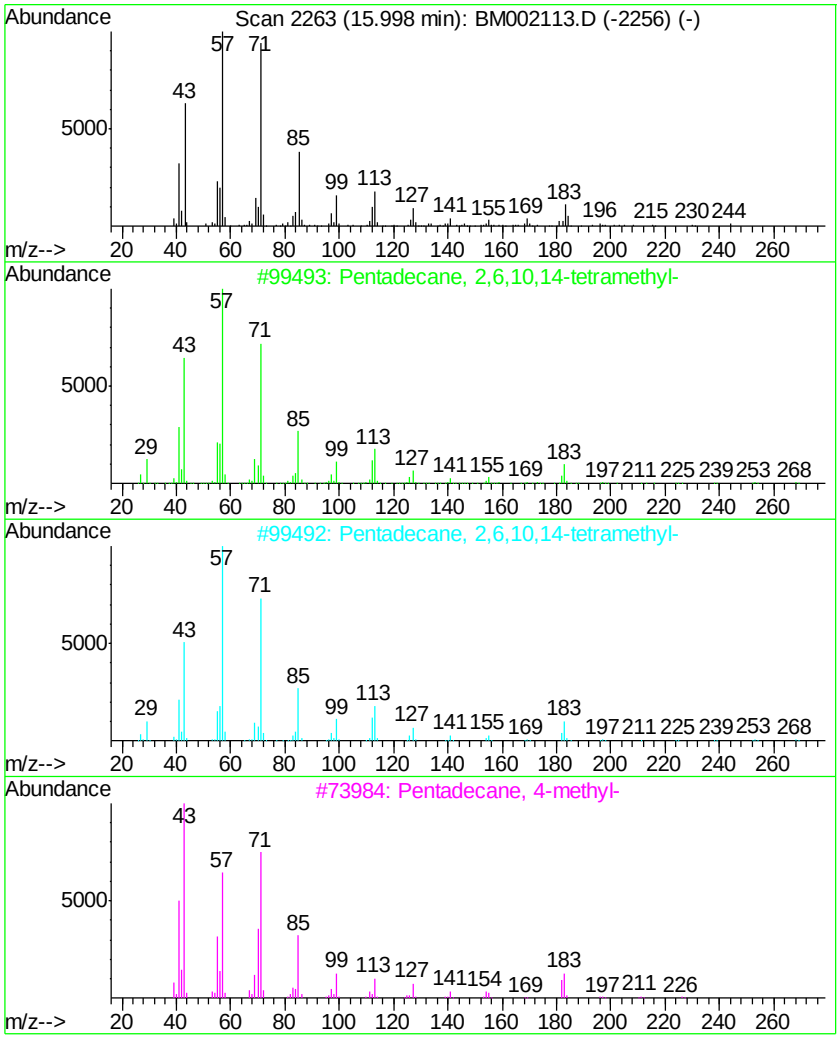
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

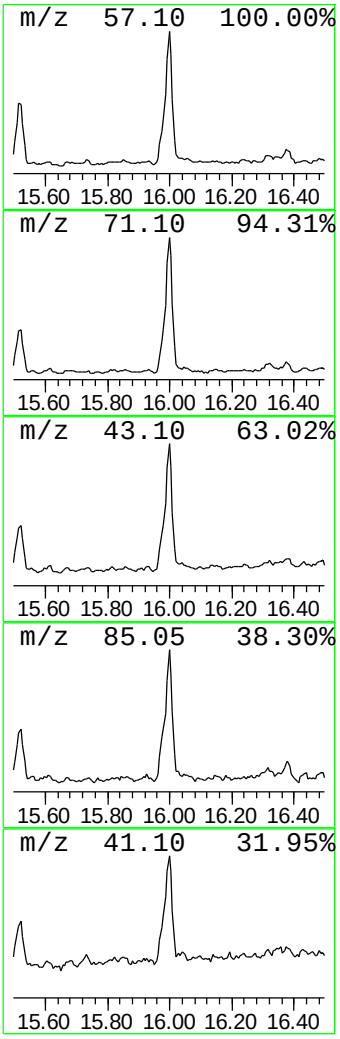
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	10.33 ng/ul	454713	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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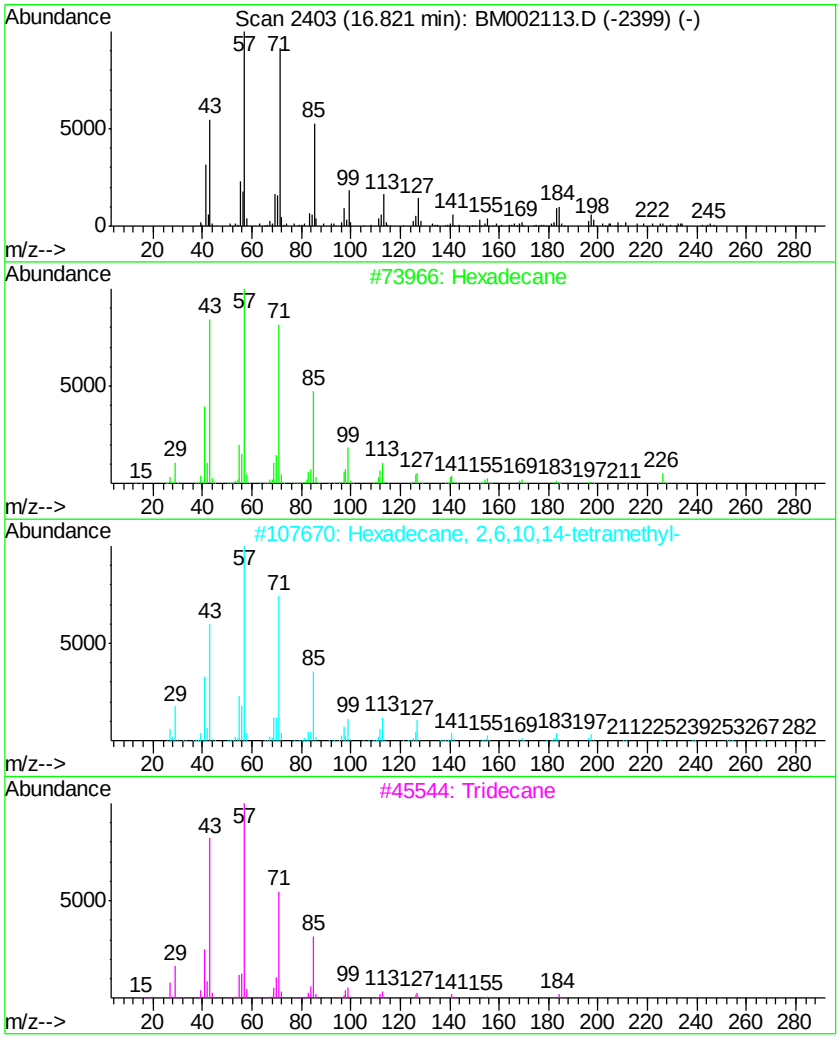
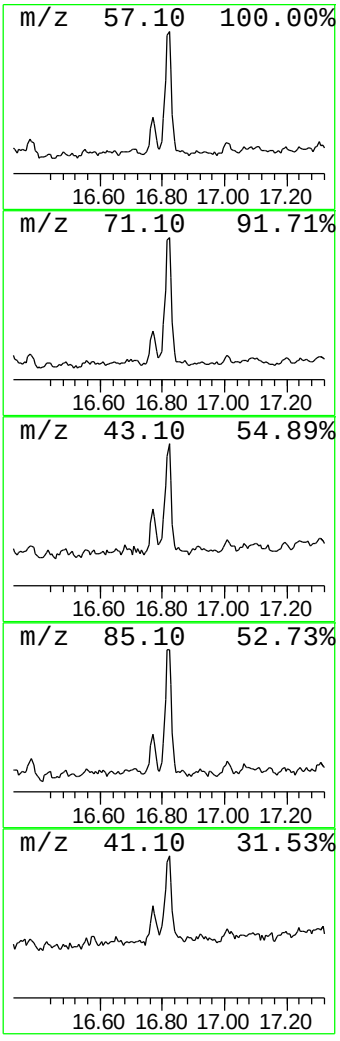
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	4.93 ng/ul	217002	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

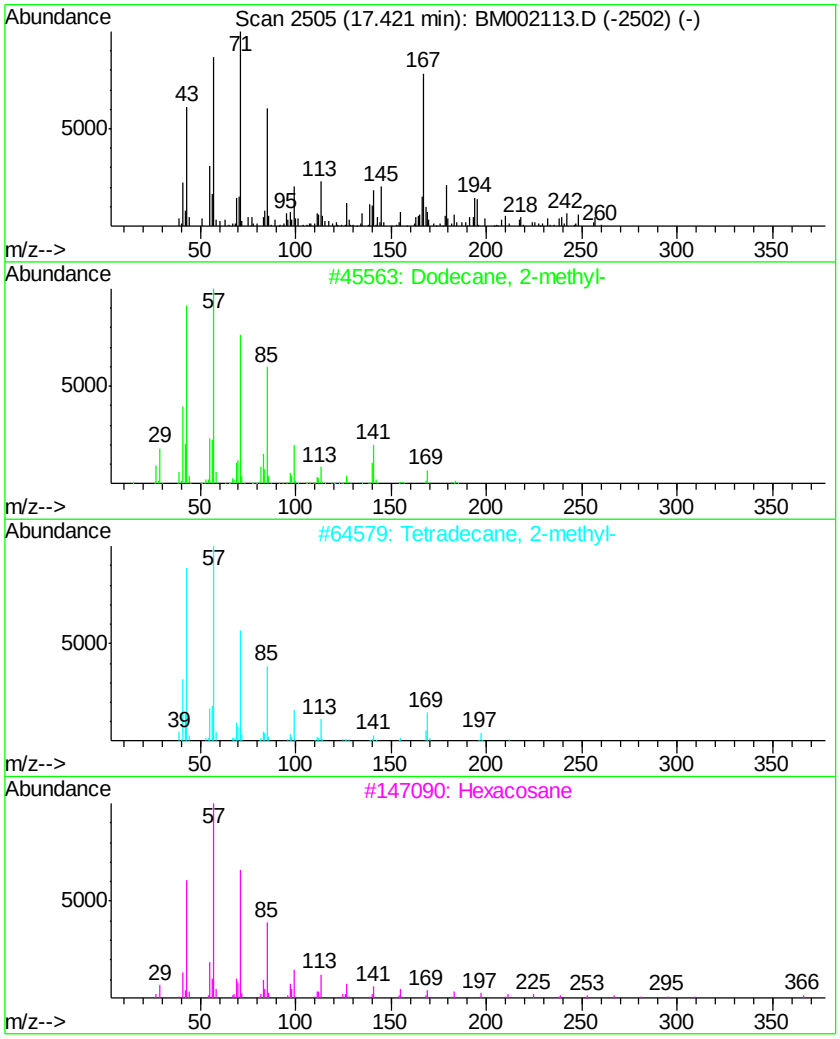
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

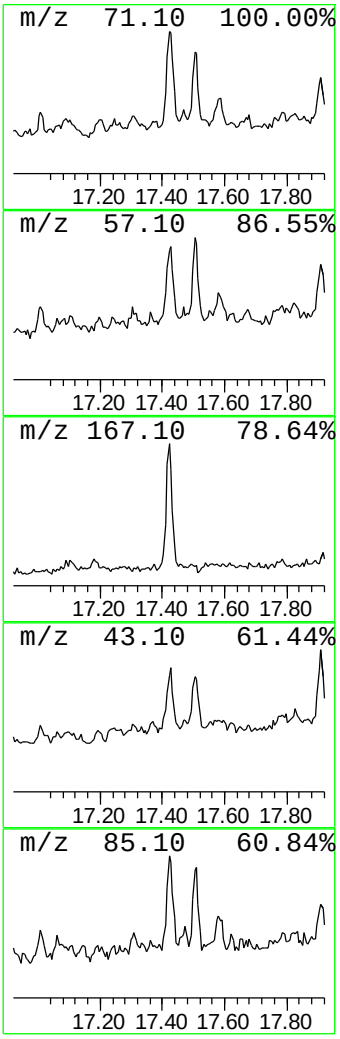
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	2.19 ng/ul	96647	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	52
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	45
3	Hexacosane	366	C26H54	000630-01-3	43
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	38
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	38





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Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

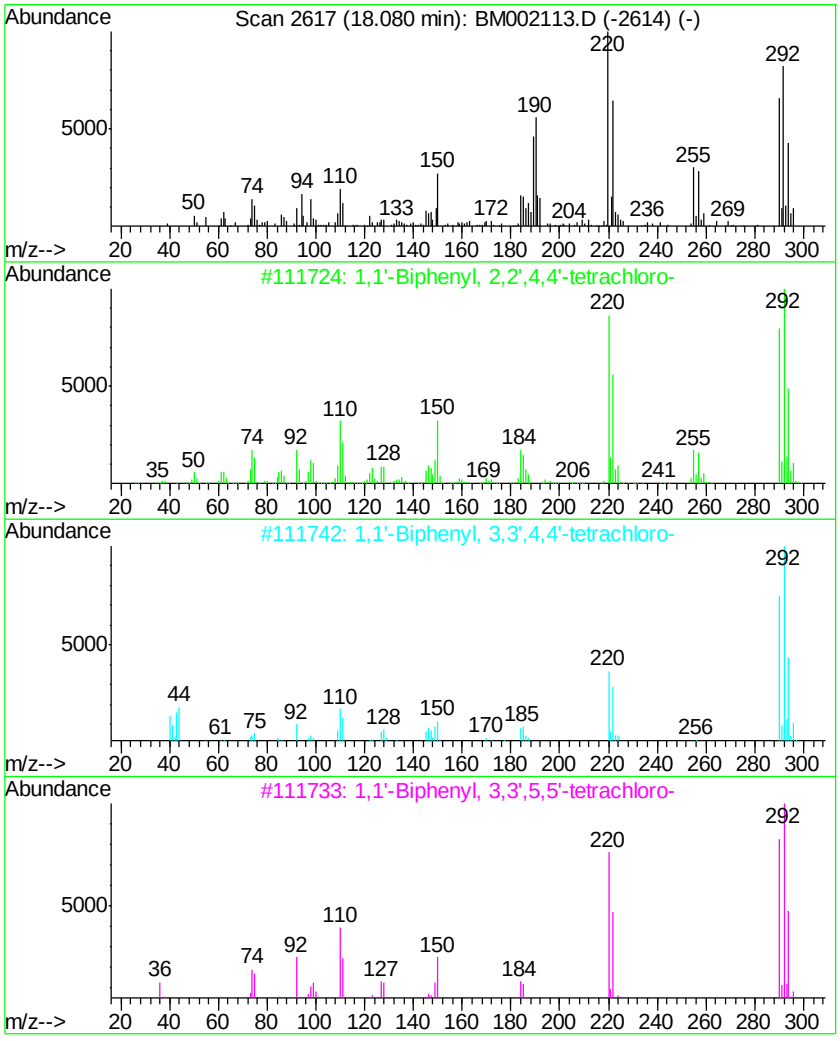
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

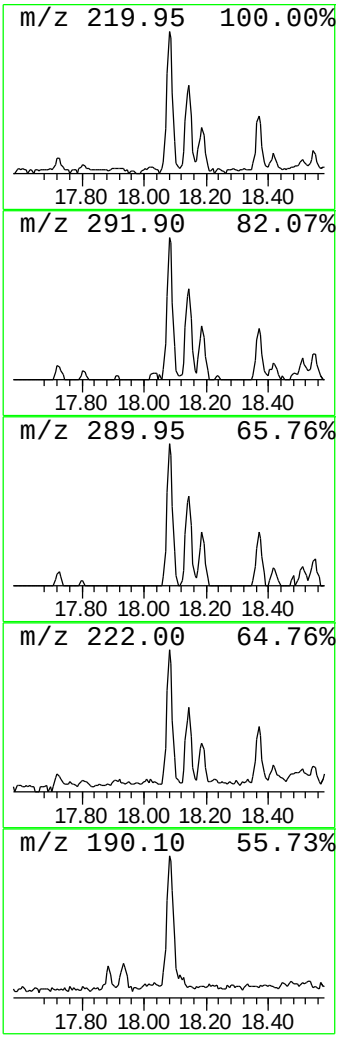
****

Peak Number 7 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.93 ng/ul	172906	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	94
5	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	93





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Instrument : BNA_M
ClientSampleId : C01Y6

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Quant Title : SVOA CALIBRATION

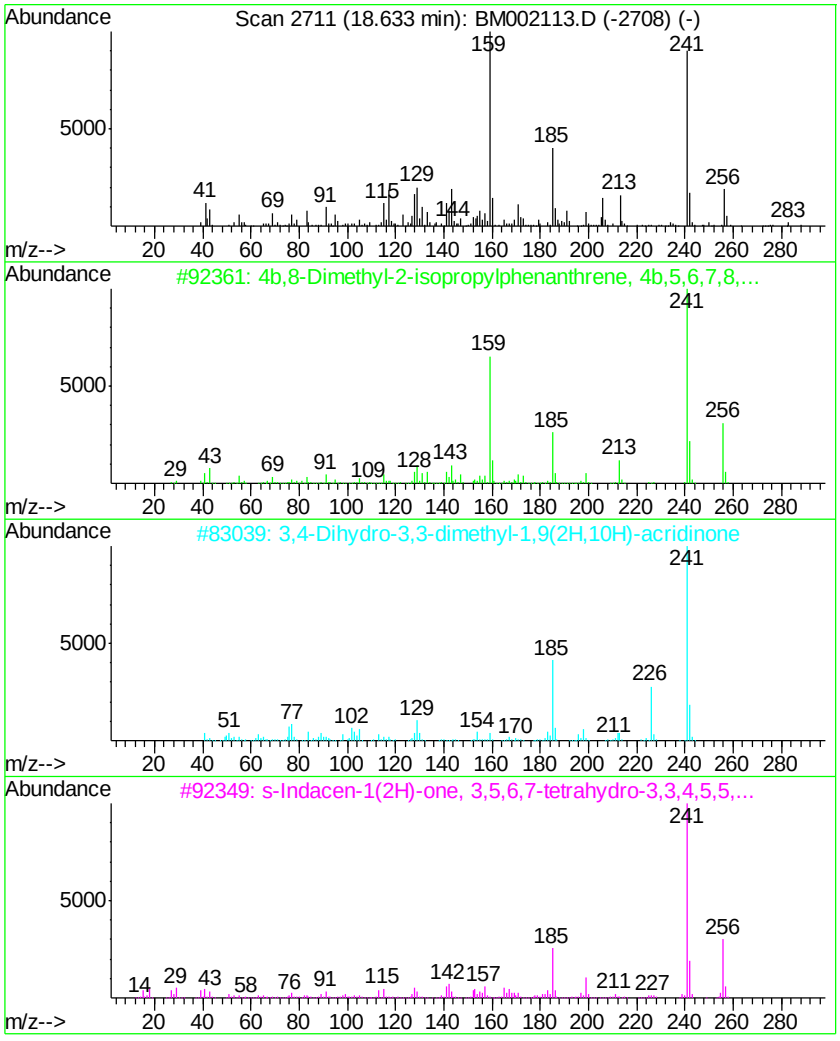
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

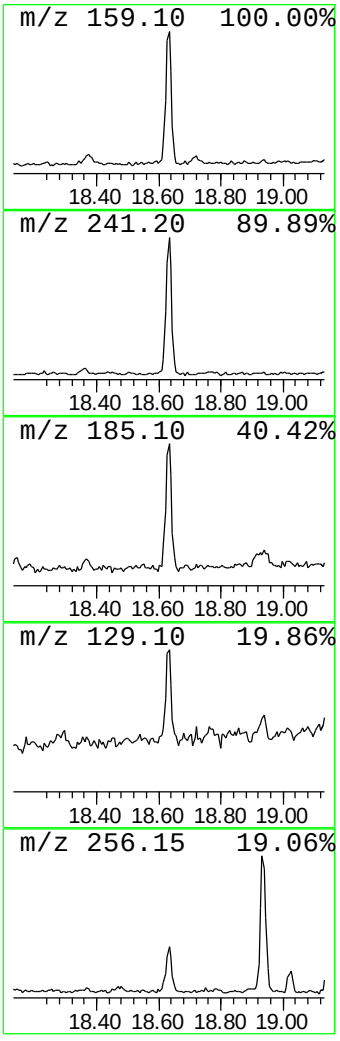
****

Peak Number 8 4b,8-Dimethyl-2-isopropylph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	3.52 ng/ul	155076	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	43
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	35
4	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	30
5	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	25





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Sample : G3048-13
Misc :
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Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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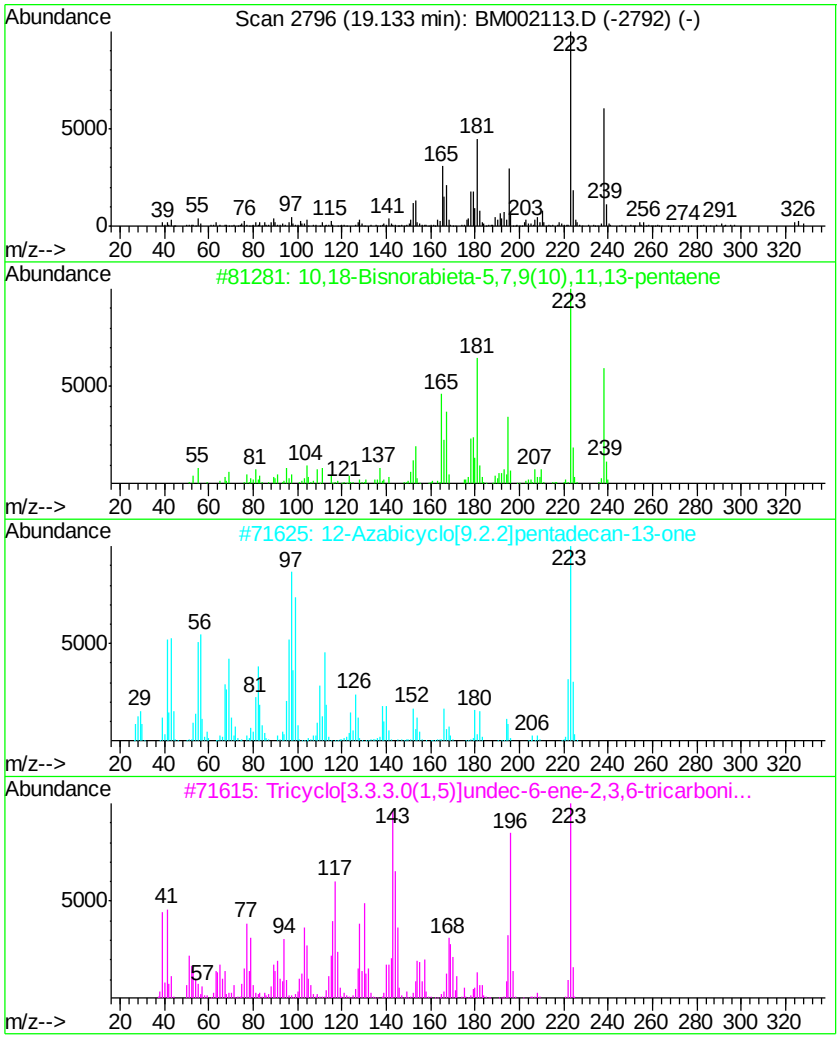
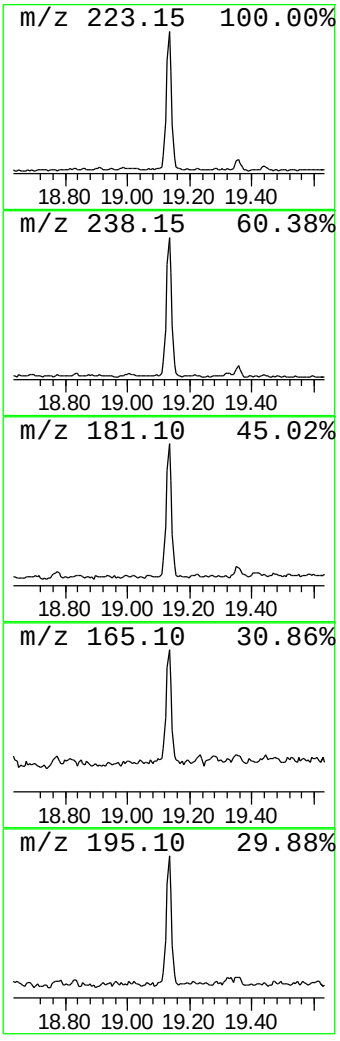
Peak Number 9 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	5.87 ng/ul	444865	Chrysene-d12	21.21

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	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	78
3	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	78
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	58
5	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	53





Library Search Compound Report

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Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

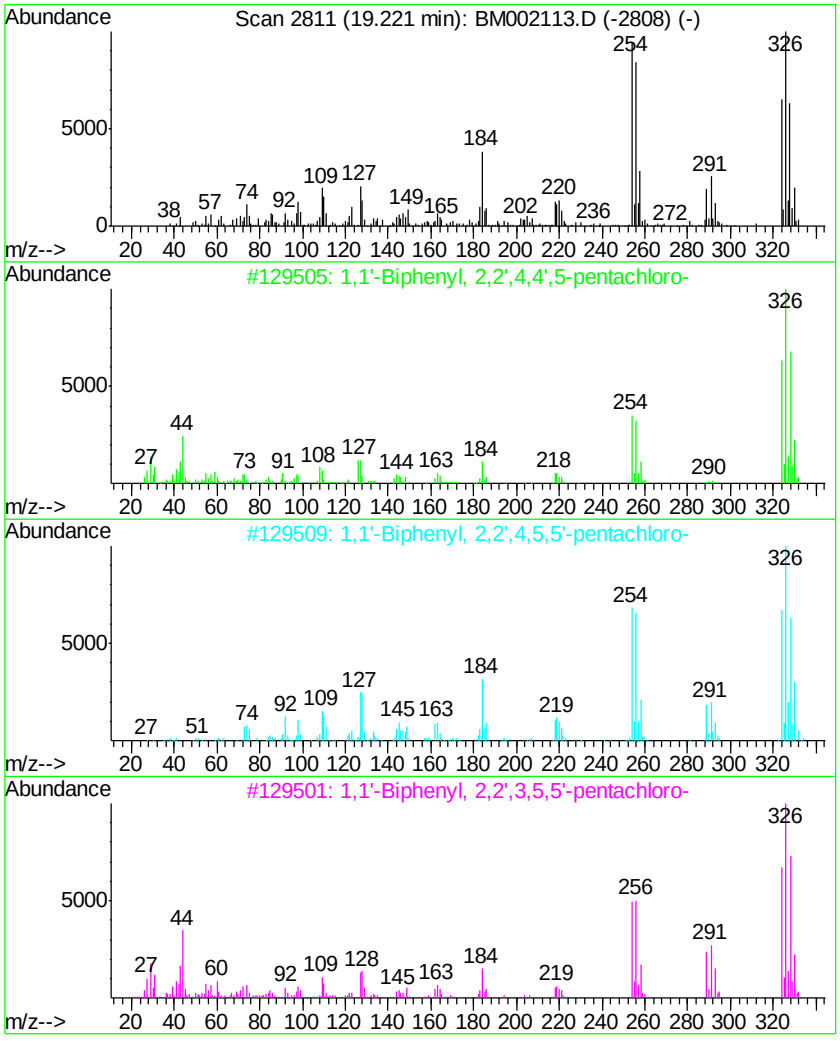
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

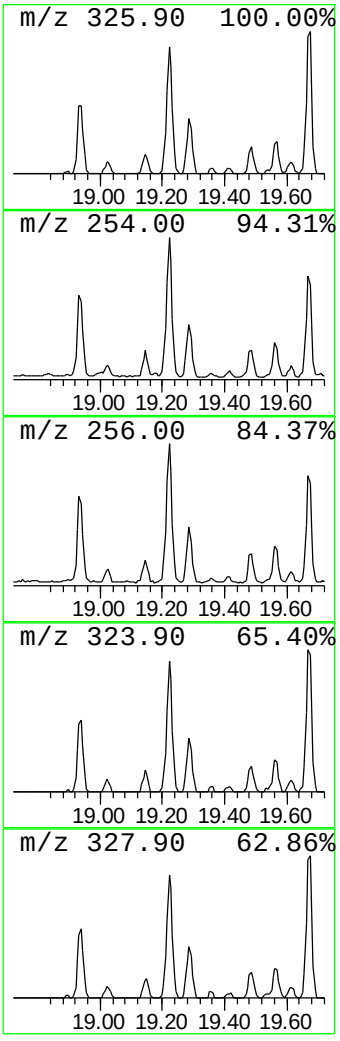
****

Peak Number 10 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	4.56 ng/ul	345673	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96





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Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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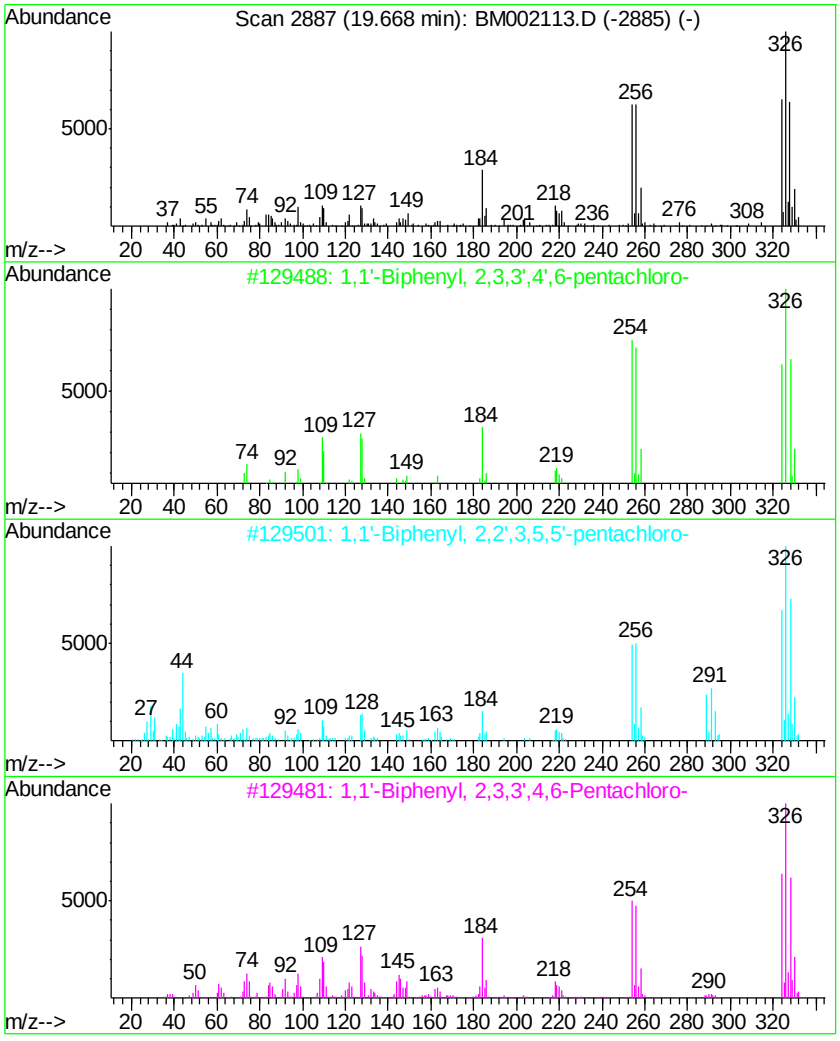
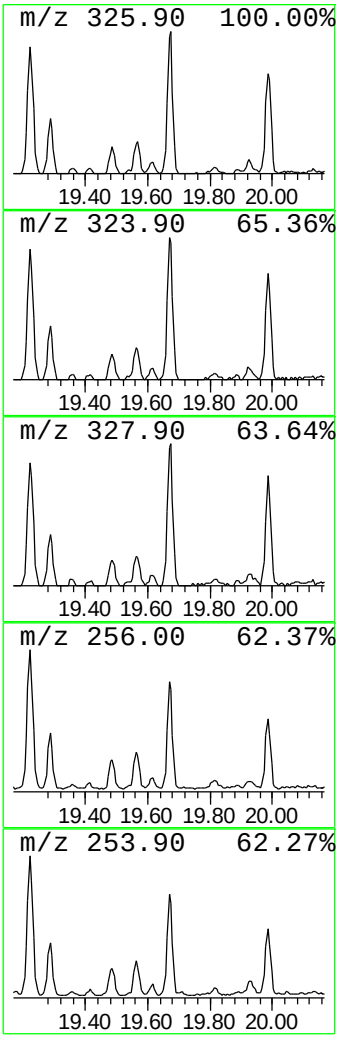
****

Peak Number 11 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	4.14 ng/ul	314117	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95





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Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

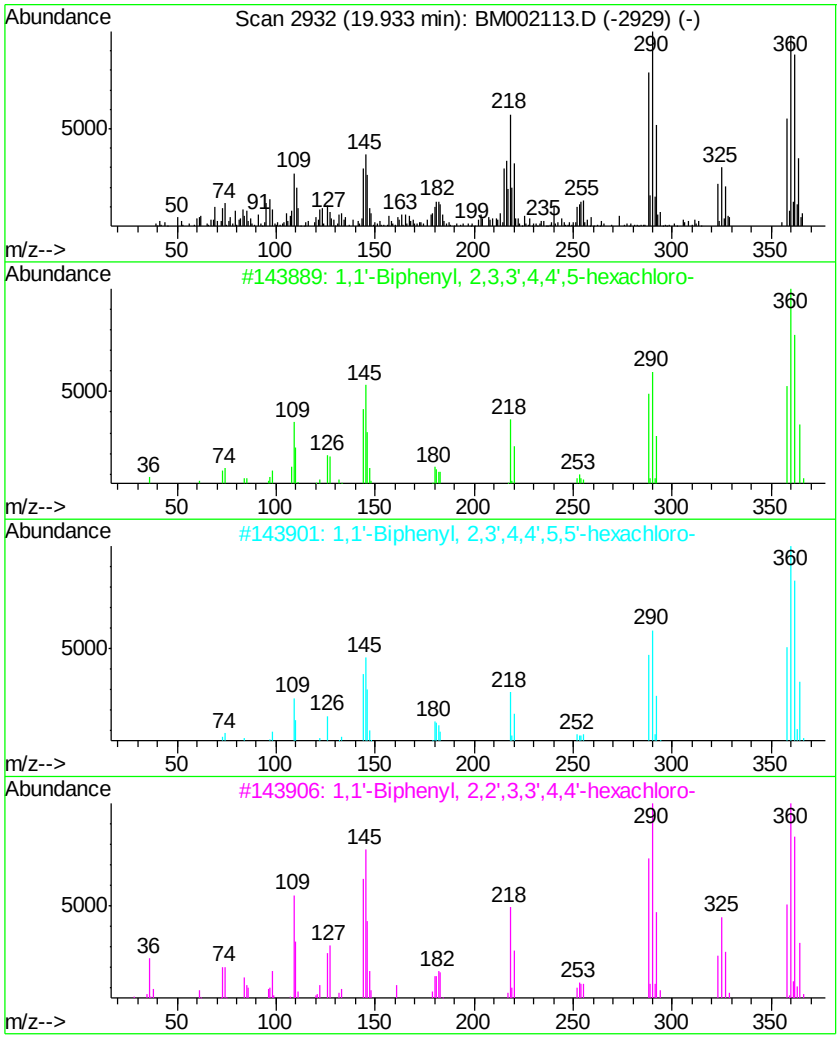
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

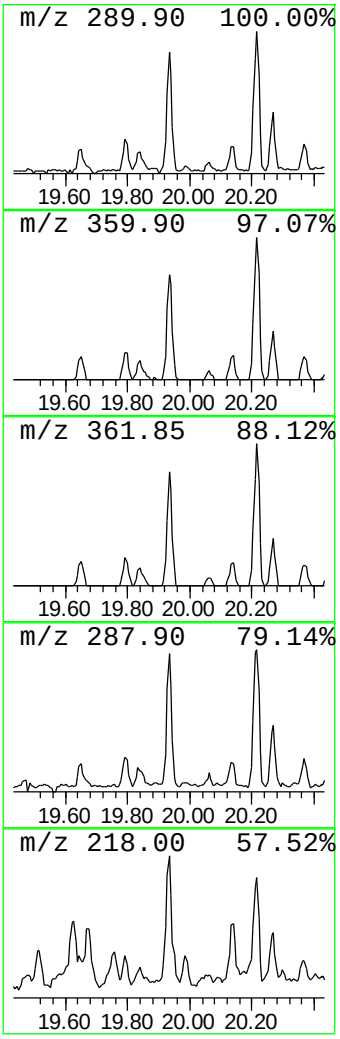
****

Peak Number 12 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.82 ng/ul	289886	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	97
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	96
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96





Library Search Compound Report

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Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

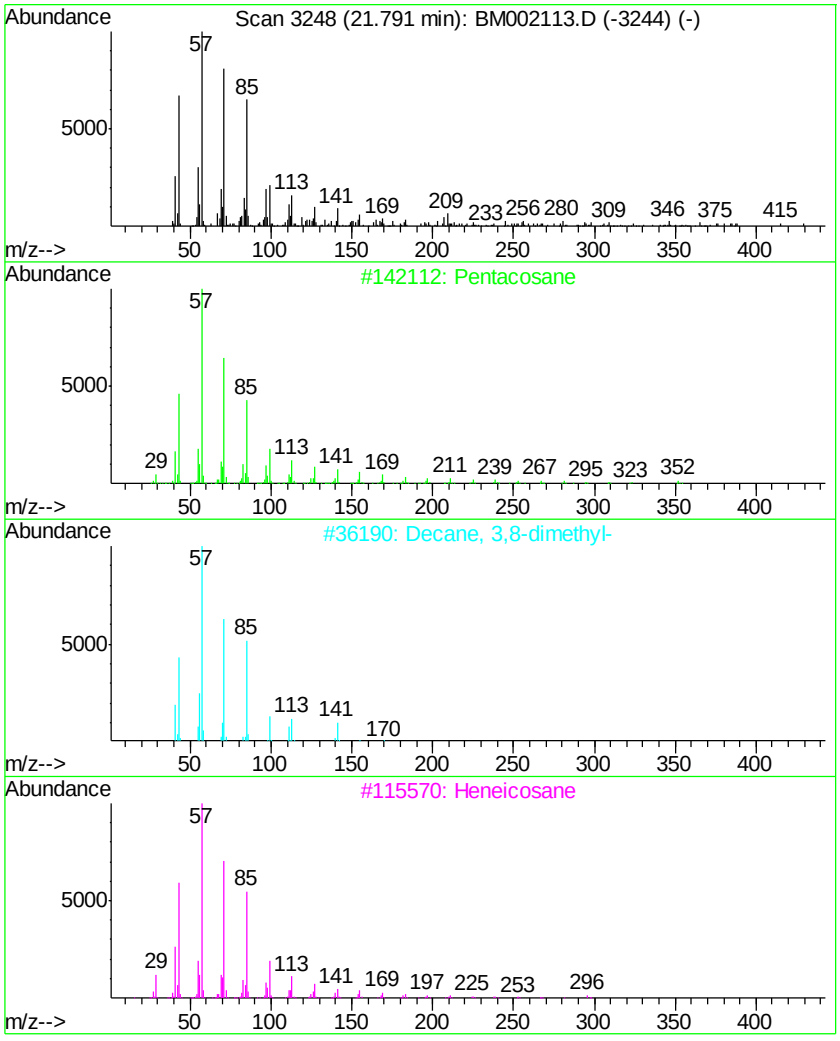
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

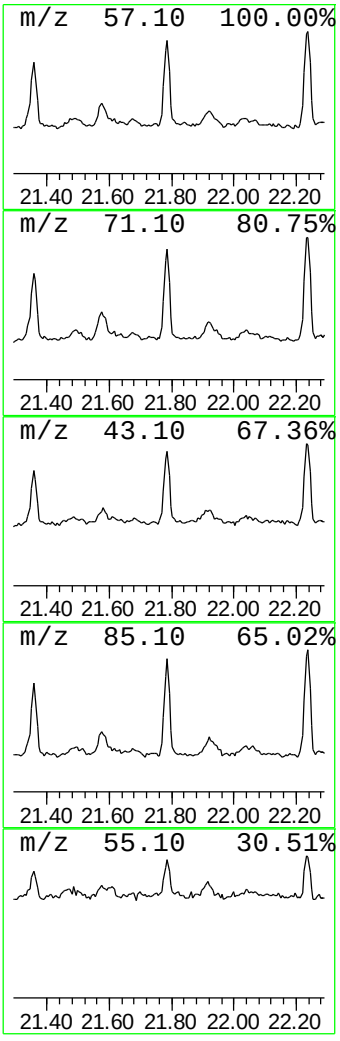
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	4.79 ng/ul	363298	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetratriacontane	479	C34H70	014167-59-0	87
5	Nonadecane	268	C19H40	000629-92-5	87





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Data File : BM002113.D
Acq On : 29 Jul 2015 03:28
Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

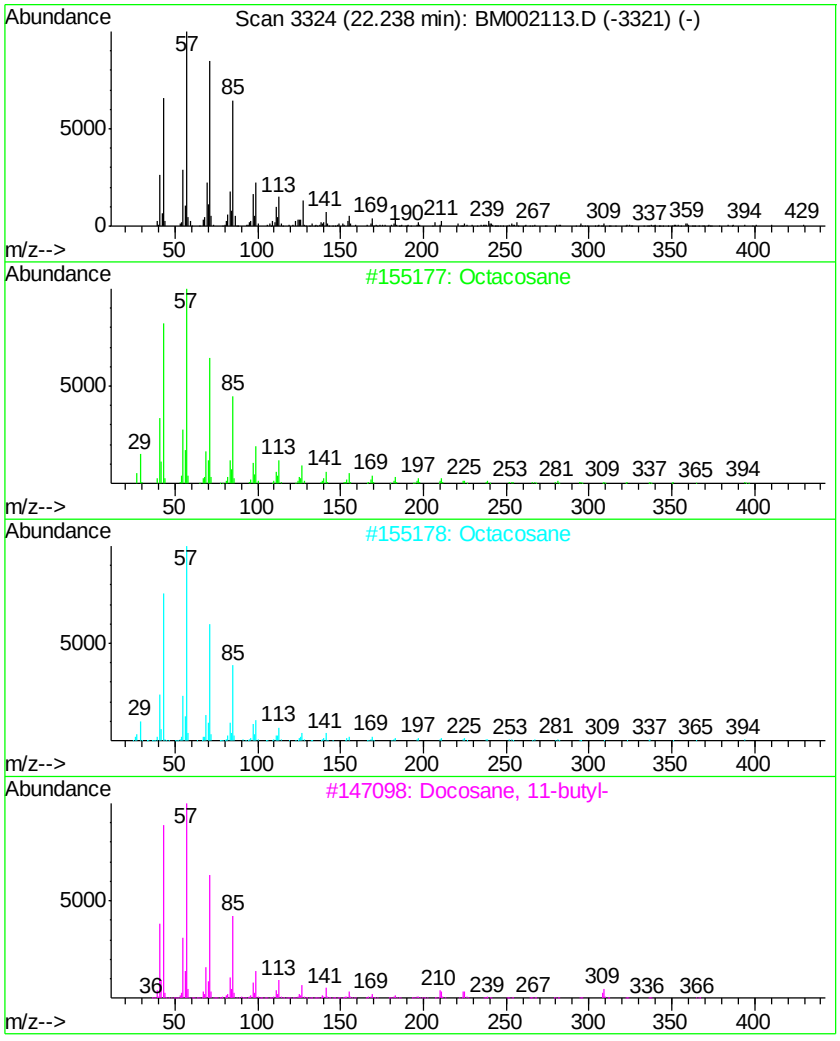
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

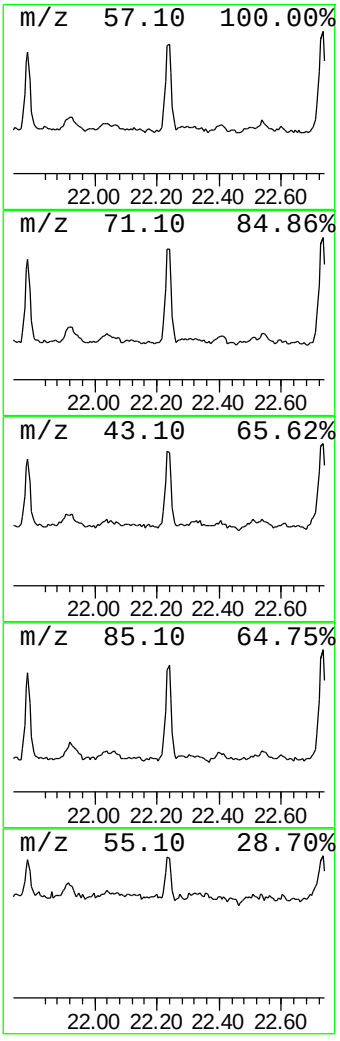
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	6.87 ng/ul	521020	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Octacosane	394	C28H58	000630-02-4	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

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Data File : BM002113.D
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Operator : TP/UM
Sample : G3048-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01Y6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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...	11.40	2.0	ng/ul	53835	2	10.39	534364	20.0
unknown-01	14.08	2.8	ng/ul	101556	3	14.26	715103	20.0
(DEL) Alkane: Str...	15.52	4.0	ng/ul	142234	3	14.26	715103	20.0
(DEL) Alkane: Str...	16.00	10.3	ng/ul	454713	4	17.01	880803	20.0
(DEL) Alkane: Str...	16.82	4.9	ng/ul	217002	4	17.01	880803	20.0
(DEL) Alkane: Str...	17.42	2.2	ng/ul	96647	4	17.01	880803	20.0
1,1'-Biphenyl, 2,...	18.08	3.9	ng/ul	172906	4	17.01	880803	20.0
4b,8-Dimethyl-2-i...	18.63	3.5	ng/ul	155076	4	17.01	880803	20.0
10,18-Bisnorabiet...	19.13	5.9	ng/ul	444865	5	21.21	1516270	20.0
1,1'-Biphenyl, 2,...	19.22	4.6	ng/ul	345673	5	21.21	1516270	20.0
1,1'-Biphenyl, 2,...	19.67	4.1	ng/ul	314117	5	21.21	1516270	20.0
1,1'-Biphenyl, 2,...	19.93	3.8	ng/ul	289886	5	21.21	1516270	20.0
(DEL) Alkane: Str...	21.79	4.8	ng/ul	363298	5	21.21	1516270	20.0
(DEL) Alkane: Str...	22.24	6.9	ng/ul	521020	5	21.21	1516270	20.0