LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.142	4	9	33	rVB	1357825	2178222	100.00%	8.635%
2	4.076	163	168	171	rBV3	10604	16836	0.77%	0.067%
3	7.008	658	667	673	rBV7	6374	14681	0.67%	0.058%
4	7.178	689	696	711	rBV	169659	363317	16.68%	1.440%
5	7.342	716	724	732	rBV	135350	228161	10.47%	0.904%
6	7.554	754	760	768	rVV	193386	350940	16.11%	1.391%
7	7.654	772	777	784	rVB3	13064	30887	1.42%	0.122%
8	8.024	833	840	848	rVV	254918	461601	21.19%	1.830%
9	8.165	858	864	869	rBV2	26384	46780	2.15%	0.185%
10	8.318	883	890	897	rVB8	13029	31546	1.45%	0.125%
11	8.565	928	932	935	rBV3	11105	17560	0.81%	0.070%
12	8.700	946	955	956	rBV5	11279	22320	1.02%	0.088%
13	8.735	956	961	968	rVV	96063	181196	8.32%	0.718%
14	8.805	968	973	978	rVV3	13534	24119	1.11%	0.096%
15	9.040	1007	1013	1021	rVB9	5979	14944	0.69%	0.059%
16	9.146	1021	1031	1033	rBV7	28561	66316	3.04%	0.263%
17	9.193	1033	1039	1045	rVV	171462	324219	14.88%	1.285%
18	9.270	1049	1052	1057	rVB2	23371	32311	1.48%	0.128%
19	9.364	1062	1068	1070	rBV4	13085	24196	1.11%	0.096%
20	9.399	1070	1074	1080	rVB6	18482	39410	1.81%	0.156%
21	9.528	1081	1096	1102	rBV10	14736	49838	2.29%	0.198%
22	9.693	1117	1124	1127	rVV5	14908	28511	1.31%	0.113%
23	9.728	1127	1130	1134	rVV3	14313	25086	1.15%	0.099%
24	9.769	1134	1137	1142	rVB3	19136	28753	1.32%	0.114%
25	9.922	1155	1163	1169	rBV	163631	323334	14.84%	1.282%
26	9.975	1169	1172	1177	rVB3	31925	48138	2.21%	0.191%
27	10.033	1177	1182	1189	rVB7	34730	65886	3.02%	0.261%
28	10.104	1189	1194	1196	rBV3	18327	29174	1.34%	0.116%
29	10.198	1203	1210	1214	rBV5	25743	47711	2.19%	0.189%
30	10.268	1214	1222	1227	rBV7	25654	74296	3.41%	0.295%
31	10.380	1237	1241	1246	rBV3	20016	27975	1.28%	0.111%
32	10.468	1246	1256	1265	rVB	222520	455135	20.89%	1.804%
33	10.550	1265	1270	1274	rBV2	13507	27408	1.26%	0.109%
34	10.639	1280	1285	1290	rVB7	12284	20328	0.93%	0.081%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	10.721	1294	1299	1302	rBV5	23887	49202	2.26%	0.195%
36	10.850	1311	1321	1326	rBV	364568	733567	33.68%	2.908%
37	10.897	1326	1329	1337	rVV4	52058	115419	5.30%	0.458%
38	10.979	1337	1343	1347	rVV	156126	331227	15.21%	1.313%
39	11.015	1347	1349	1355	rVV	111781	158792	7.29%	0.629%
40	11.073	1355	1359	1366	rVB4	29551	54053	2.48%	0.214%
41	11.150	1369	1372	1377	rVB5	22107	35655	1.64%	0.141%
42	11.226	1380	1385	1388	rBV7	16410	28540	1.31%	0.113%
43	11.273	1388	1393	1398	rVB5	17961	34236	1.57%	0.136%
44	11.355	1402	1407	1412	rVB5	24965	44155	2.03%	0.175%
45	11.414	1412	1417	1423	rBV7	12983	28710	1.32%	0.114%
46	11.479	1423	1428	1431	rBV5	16746	29354	1.35%	0.116%
47	11.520	1432	1435	1436	rVV3	20911	22997	1.06%	0.091%
48	11.561	1437	1442	1449	rVV6	67919	156748	7.20%	0.621%
49	11.626	1449	1453	1459	rVB6	25895	44138	2.03%	0.175%
50	11.696	1460	1465	1471	rVV5	38990	64852	2.98%	0.257%
51	11.773	1472	1478	1485	rVB8	42071	91462	4.20%	0.363%
52	11.884	1491	1497	1501	rBV	122668	216709	9.95%	0.859%
53	11.961	1506	1510	1516	rVB6	39873	77860	3.57%	0.309%
54	12.049	1521	1525	1528	rBV4	19472	33098	1.52%	0.131%
55	12.143	1538	1541	1545	rVB5	21767	30987	1.42%	0.123%
56	12.507	1595	1603	1611	rVB3	109803	267308	12.27%	1.060%
57	12.595	1614	1618	1622	rBV5	12387	23414	1.07%	0.093%
58	12.730	1635	1641	1650	rVB	89803	182029	8.36%	0.722%
59	12.807	1652	1654	1658	rVB4	14556	16898	0.78%	0.067%
60	12.907	1667	1671	1674	rBV3	26771	38225	1.75%	0.152%
61	12.965	1676	1681	1686	rVB5	38768	83949	3.85%	0.333%
62	13.171	1713	1716	1721	rBV3	19357	34078	1.56%	0.135%
63	13.224	1721	1725	1731	rVB	132900	198940	9.13%	0.789%
64	13.506	1766	1773	1775	rBV5	42366	92510	4.25%	0.367%
65	13.606	1787	1790	1799	rVB7	25276	50575	2.32%	0.200%
66	13.717	1806	1809	1811	rBV	17238	21945	1.01%	0.087%
67	13.852	1824	1832	1838	rBV3	43535	120454	5.53%	0.478%
68	13.964	1846	1851	1852	rBV5	18093	27413	1.26%	0.109%
69	14.005	1853	1858	1863	rVV2	76351	141351	6.49%	0.560%
70	14.082	1863	1871	1876	rVV	491751	837286	38.44%	3.319%
71	14.129	1876	1879	1883	rVV	231180	339876	15.60%	1.347%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	14.170	1883	1886	1891	rVB	148371	190922	8.77%	0.757%
73	14.217	1891	1894	1895	rBV2	12155	14465	0.66%	0.057%
74	14.381	1916	1922	1934	rVB	595659	958473	44.00%	3.800%
75	14.522	1943	1946	1951	rVB4	36977	60620	2.78%	0.240%
76	14.587	1953	1957	1964	rVV6	26202	53002	2.43%	0.210%
77	14.687	1965	1974	1981	rBV	622027	1037214	47.62%	4.112%
78	14.746	1981	1984	1988	rBV3	18260	28625	1.31%	0.113%
79	14.887	2002	2008	2018	rBV3	89786	222247	10.20%	0.881%
80	15.086	2038	2042	2048	rVB4	66279	101373	4.65%	0.402%
81	15.210	2059	2063	2069	rVB4	44015	71455	3.28%	0.283%
82	15.310	2076	2080	2084	rVB2	24667	36098	1.66%	0.143%
83	15.586	2123	2127	2128	rBV4	13227	17534	0.80%	0.070%
84	15.680	2137	2143	2149	rVV	797779	1171472	53.78%	4.644%
85	15.727	2149	2151	2156	rVB3	31792	42076	1.93%	0.167%
86	15.803	2158	2164	2176	rVB	90012	188285	8.64%	0.746%
87	15.944	2184	2188	2196	rVB	95938	147503	6.77%	0.585%
88	16.426	2262	2270	2274	rBV	140510	251072	11.53%	0.995%
89	17.249	2405	2410	2415	rBV2	108507	157977	7.25%	0.626%
90	17.437	2436	2442	2447	rBV2	706578	1122558	51.54%	4.450%
91	17.484	2447	2450	2454	rVV	112663	171916	7.89%	0.682%
92	17.536	2454	2459	2469	rVB2	818099	1307149	60.01%	5.182%
93	17.854	2510	2513	2518	rVB3	56298	81332	3.73%	0.322%
94	17.936	2524	2527	2532	rVB4	31867	44464	2.04%	0.176%
95	19.493	2788	2792	2796	rVB	161586	214317	9.84%	0.850%
96	19.546	2798	2801	2806	rVB	236875	293519	13.48%	1.164%
97	19.828	2844	2849	2862	rVB2	1104488	1810608	83.12%	7.178%
98	21.726	3166	3172	3184	rVB2	783064	1490022	68.41%	5.907%
99	24.775	3684	3691	3710	rVB	579925	1597209	73.33%	6.332%
100	25.004	3723	3730	3750	rVB2	507171	1762673	80.92%	6.988%

Sum of corrected areas: 25225327

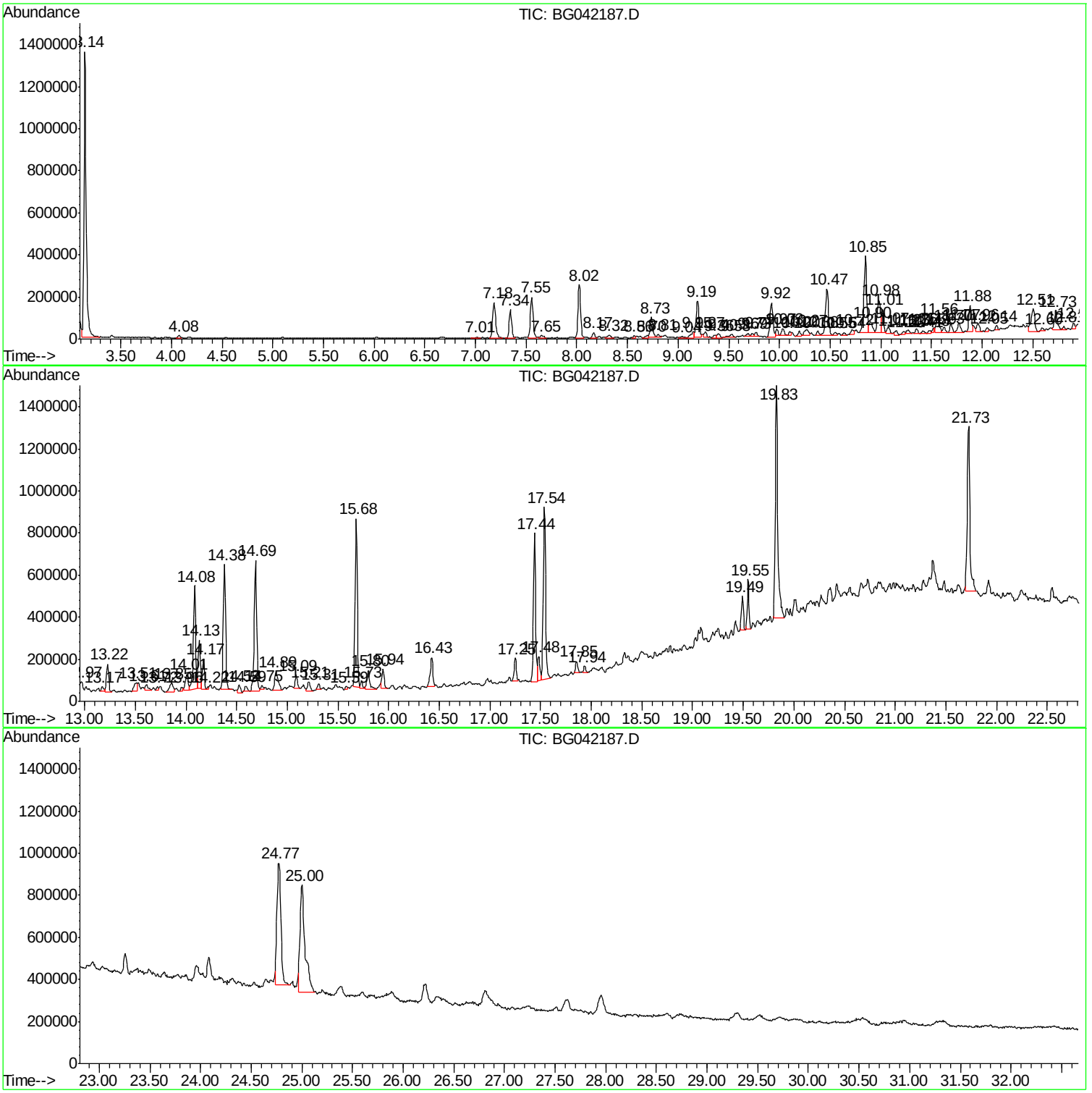
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

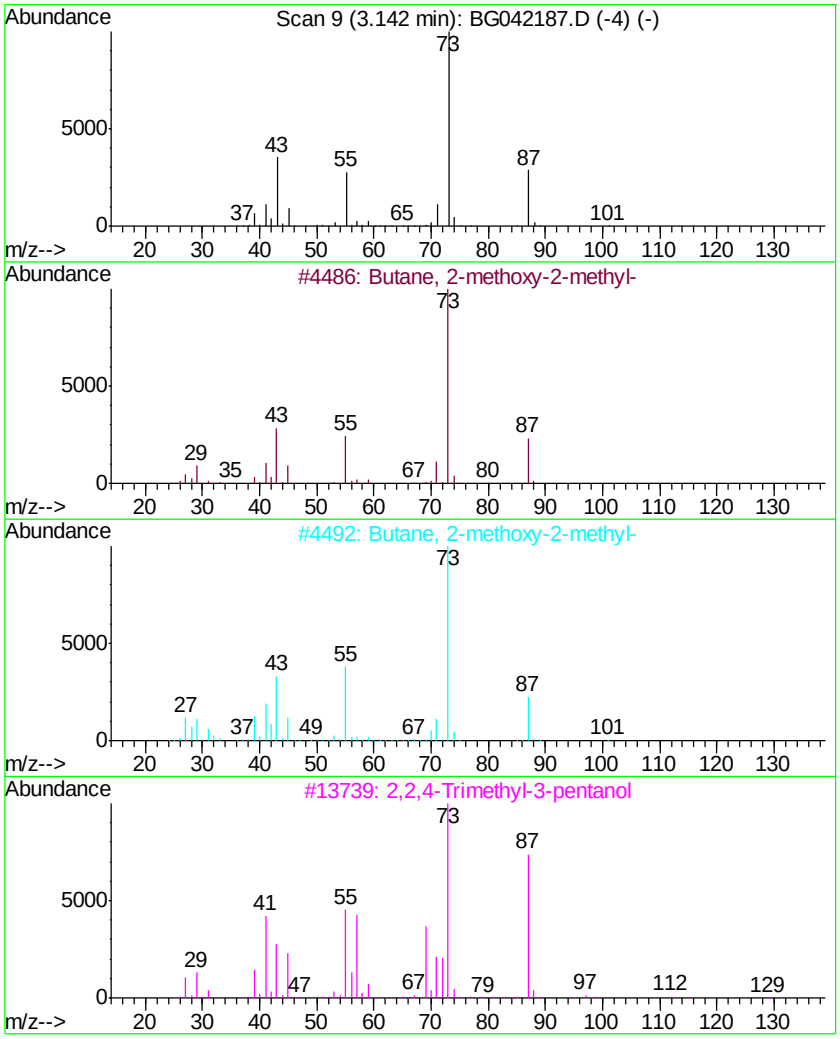
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

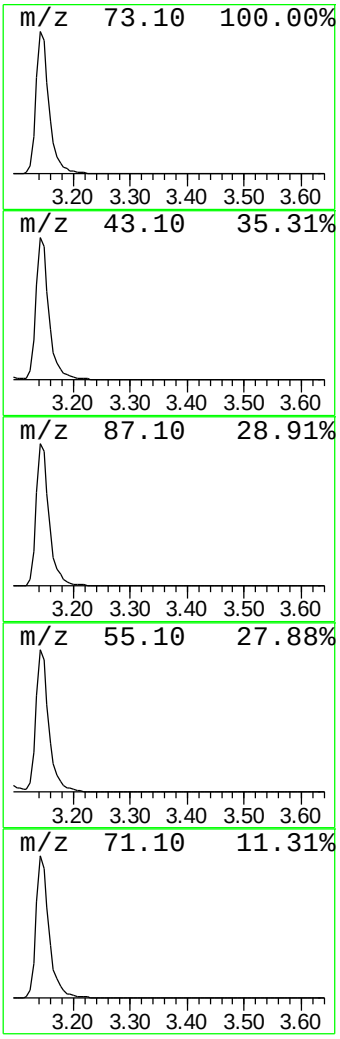
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	94.38 ng/ul	2178220	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

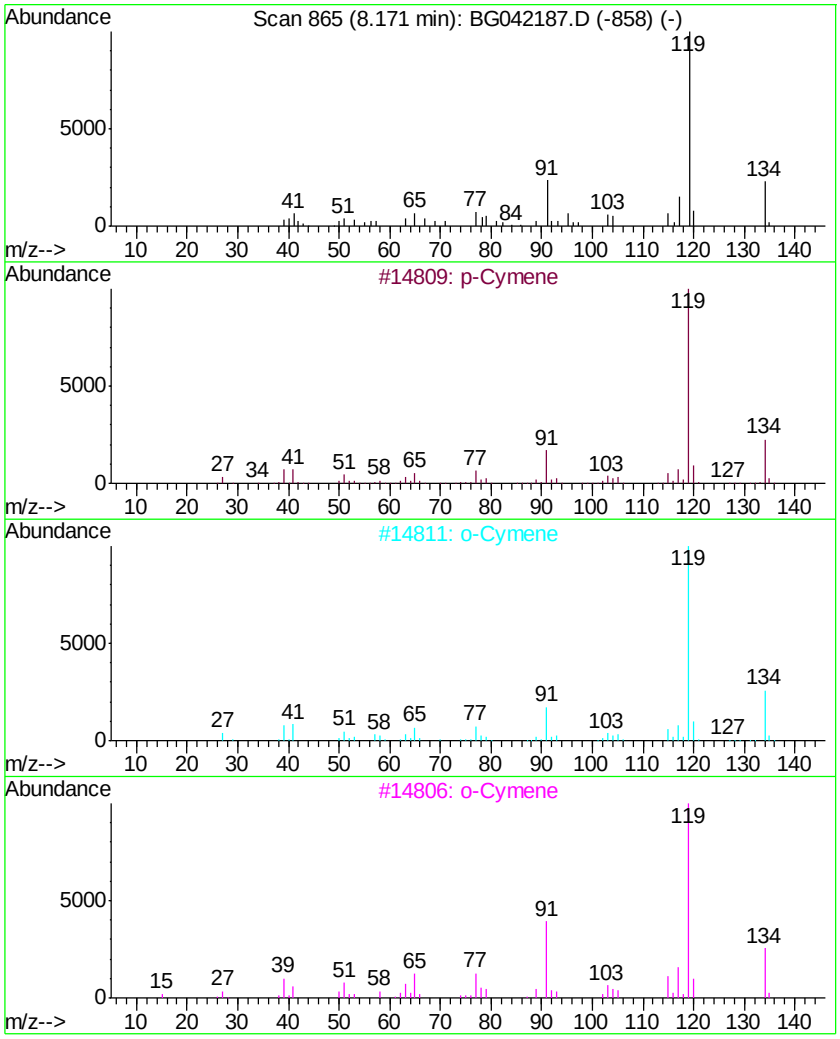
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

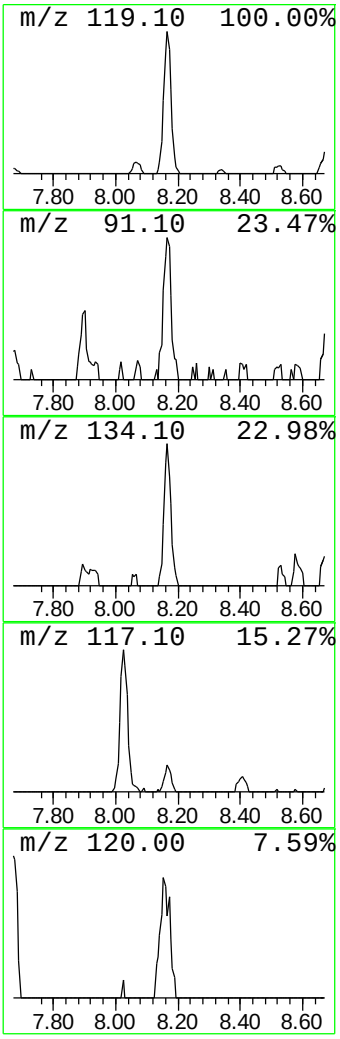
****

Peak Number 2 p-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.03 ng/ul	46780	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	90
2	o-Cymene	134	C10H14	000527-84-4	90
3	o-Cymene	134	C10H14	000527-84-4	90
4	o-Cymene	134	C10H14	000527-84-4	90
5	o-Cymene	134	C10H14	000527-84-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

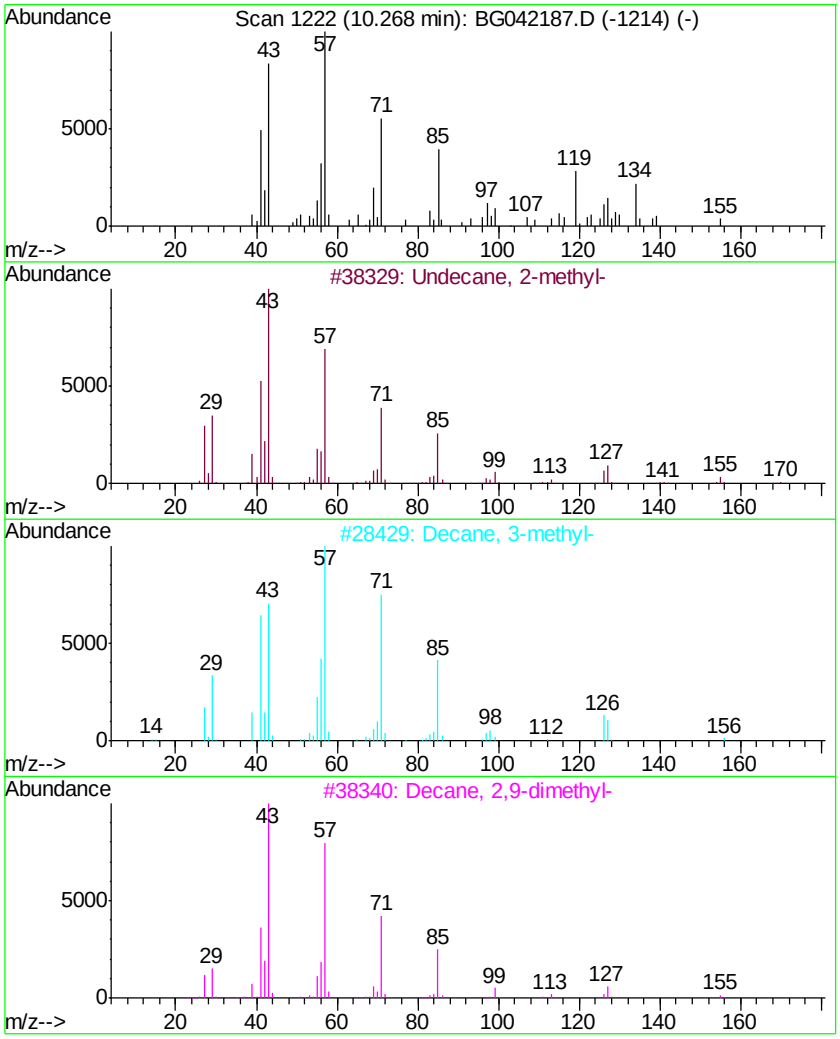
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

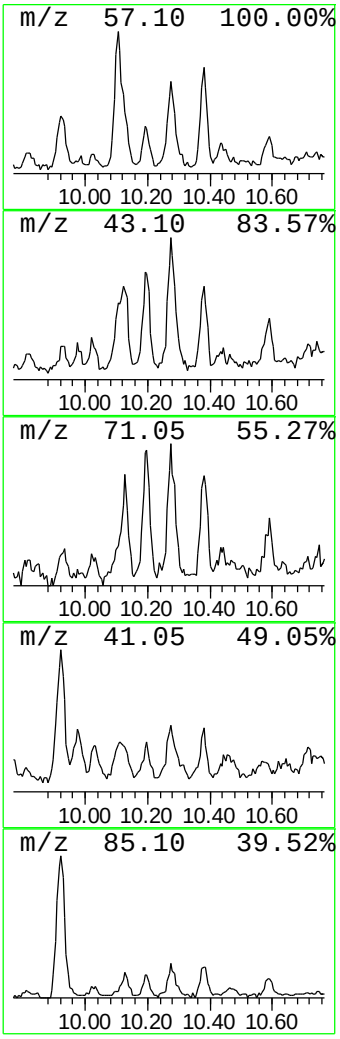
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.03 ng/ul	74296	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	59
2	Decane, 3-methyl-	156	C11H24	013151-34-3	53
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	50
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

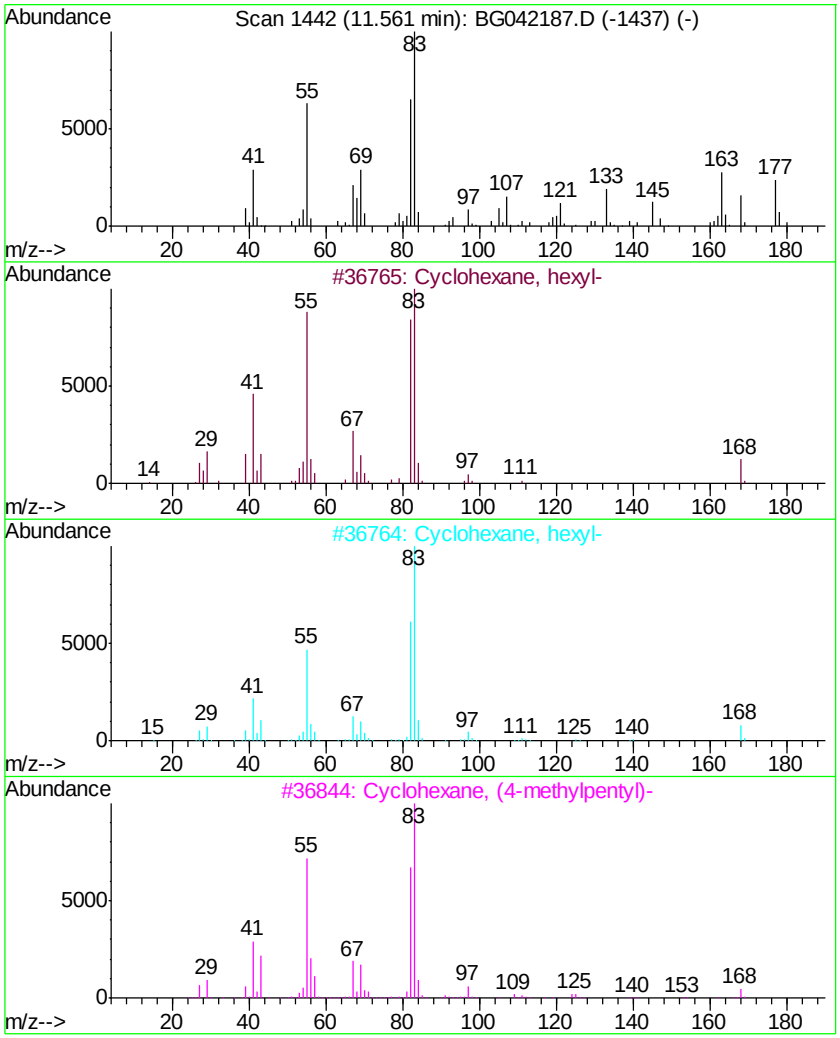
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

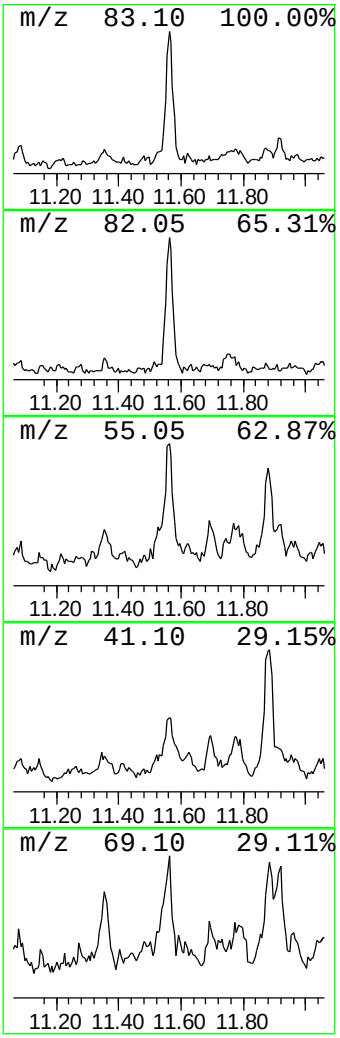
****

Peak Number 4 (DEL) Alkane: Cyclic11.56 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	4.27 ng/ul	156748	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	60
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	43
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

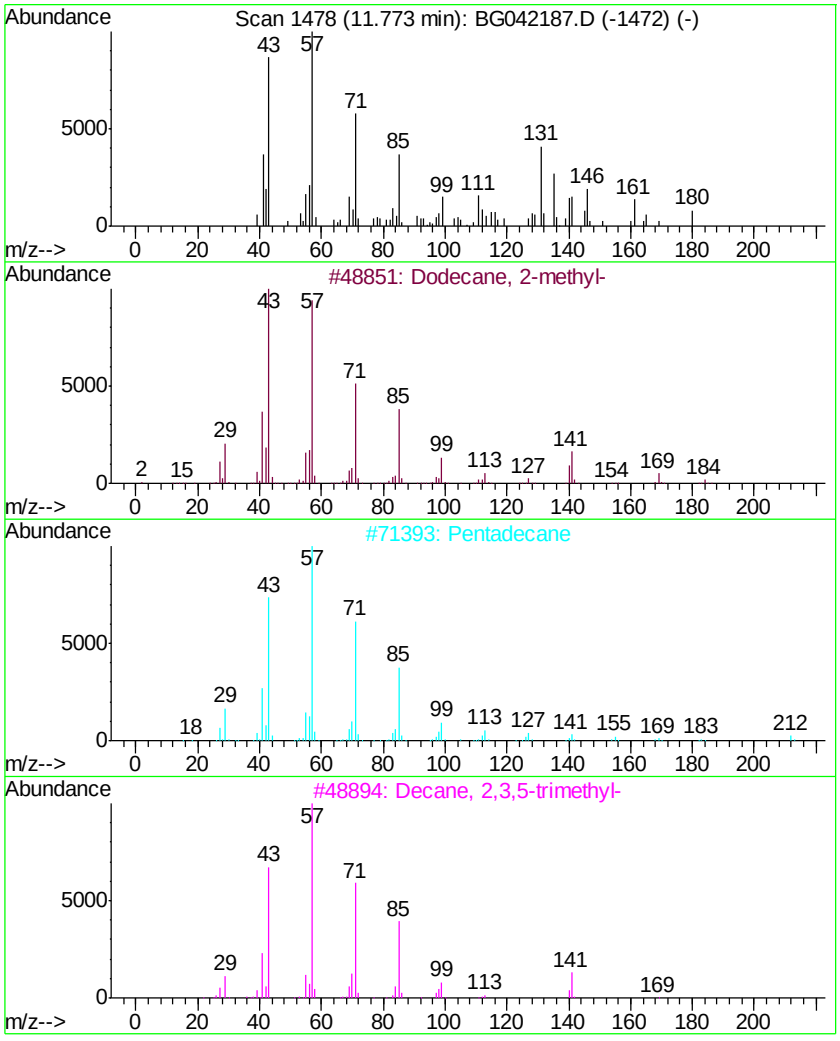
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

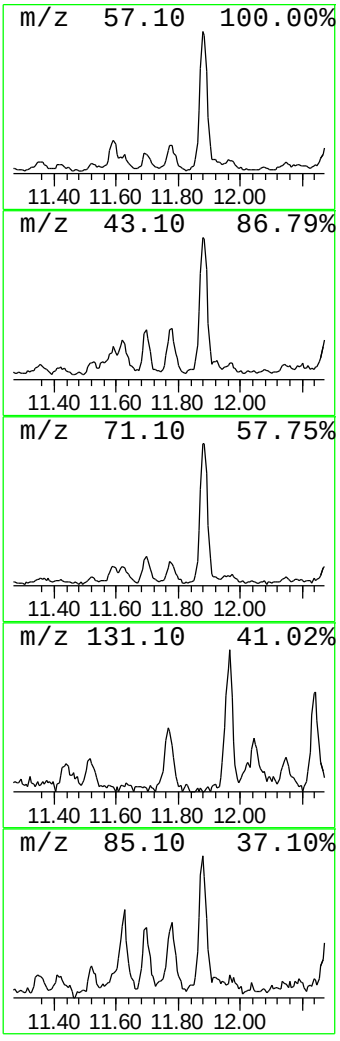
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.49 ng/ul	91462	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
2	Pentadecane	212	C15H32	000629-62-9	30
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	30
4	Heptacosane	380	C27H56	000593-49-7	30
5	Hexadecane	226	C16H34	000544-76-3	27





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Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

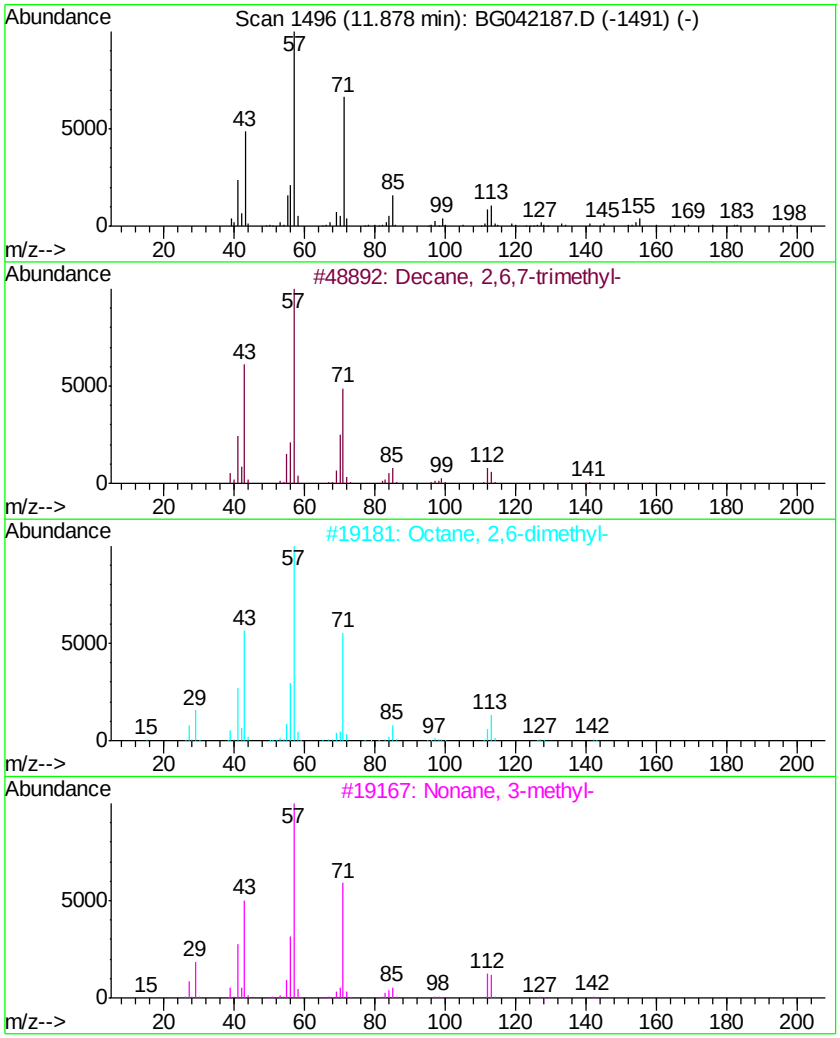
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

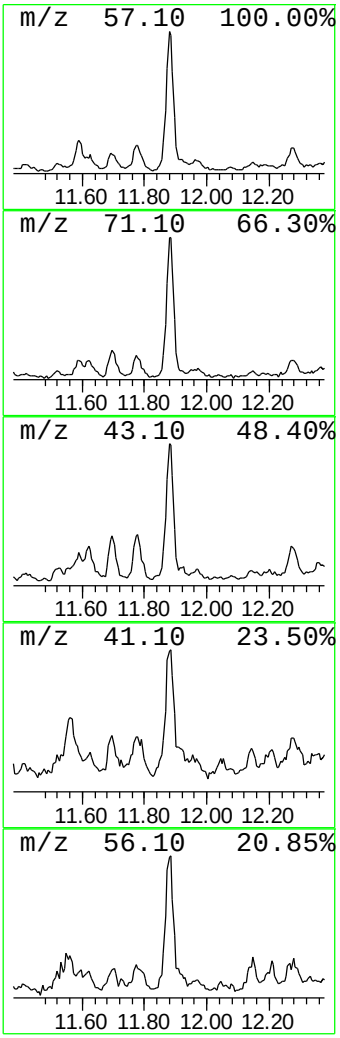
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	5.91 ng/ul	216709	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72





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Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

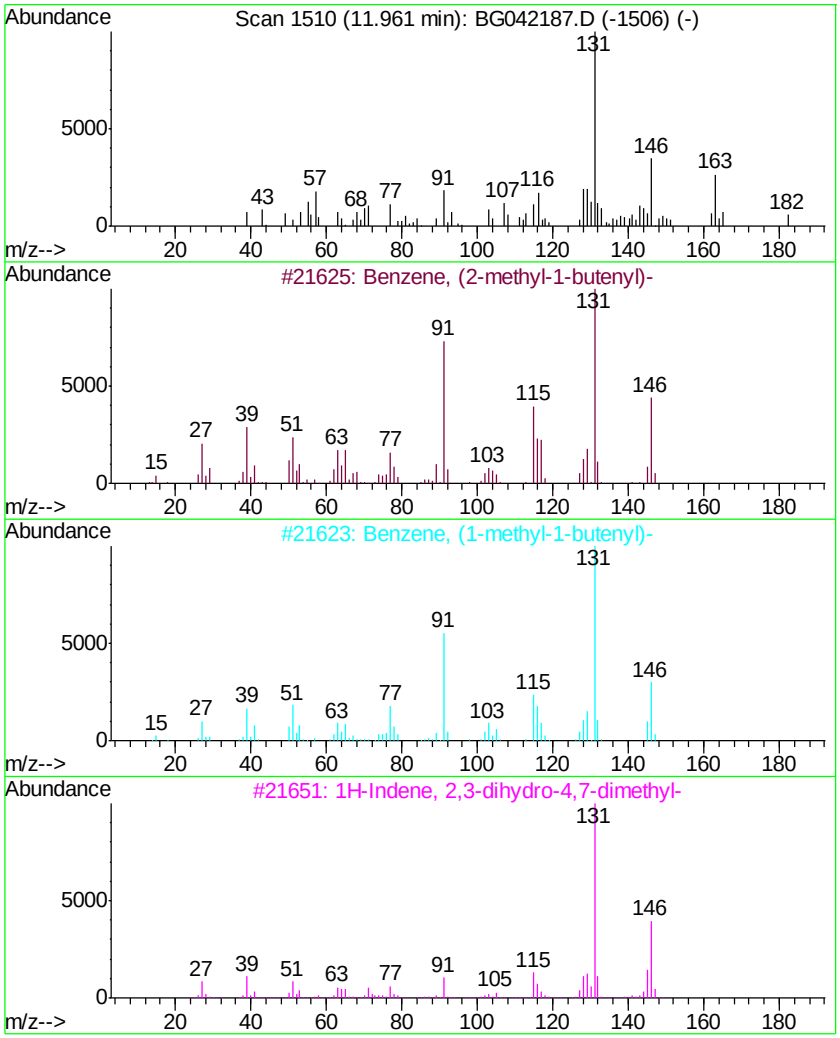
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

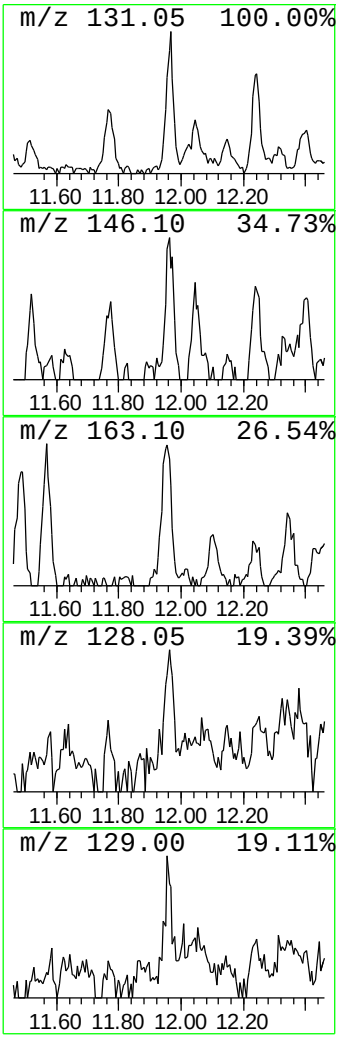
****

Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.12 ng/ul	77860	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	58
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	53
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	52





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Sample : K4215-09
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ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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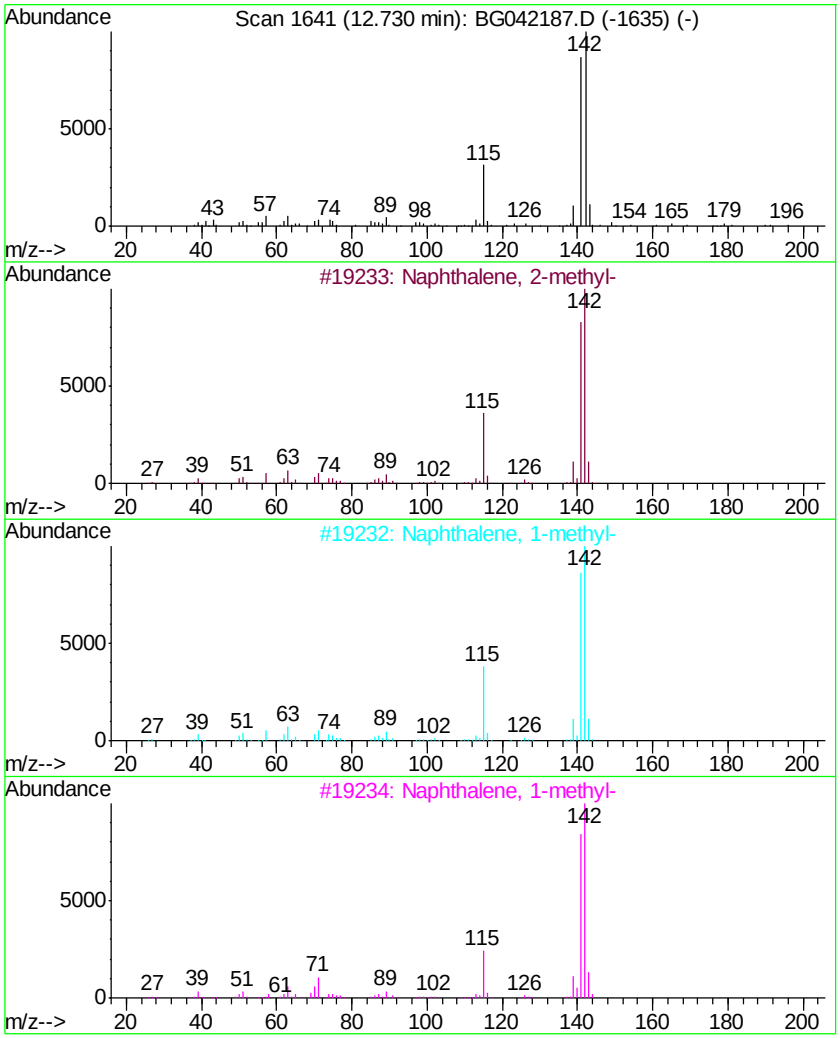
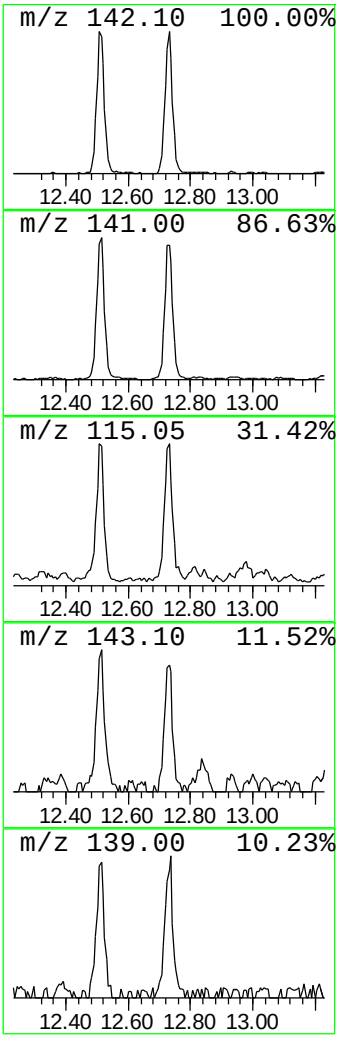
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	4.96 ng/ul	182029	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Sample : K4215-09
Misc :
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Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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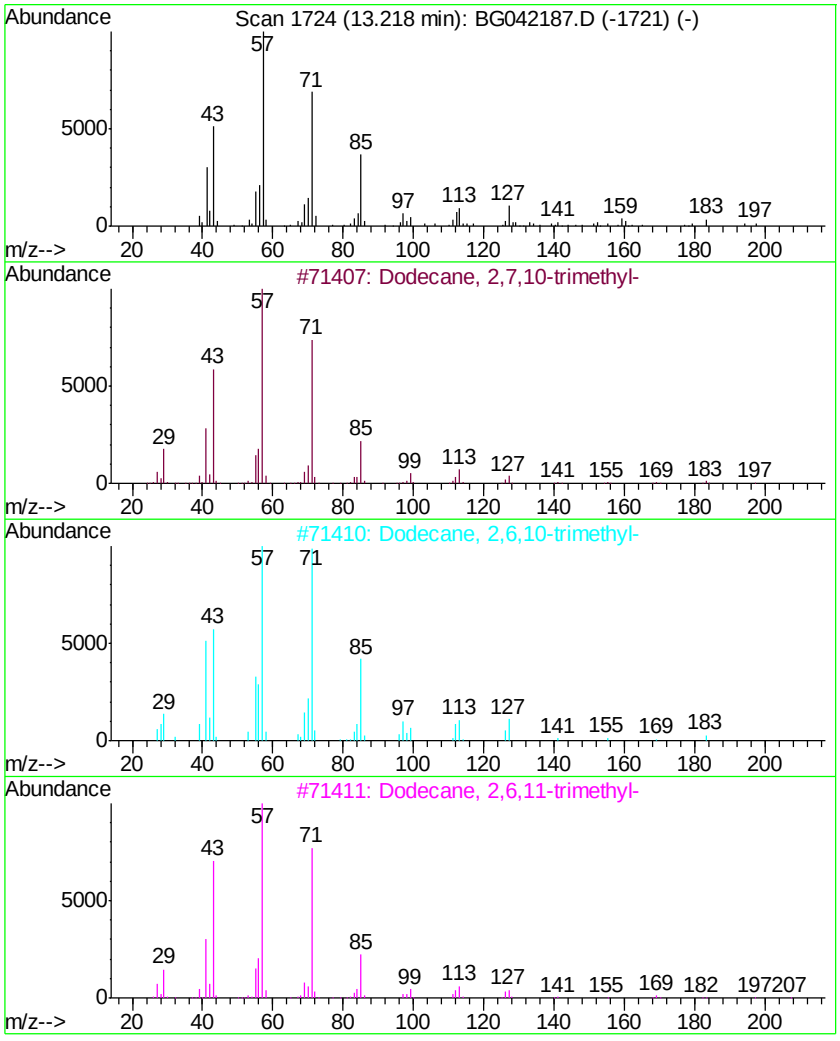
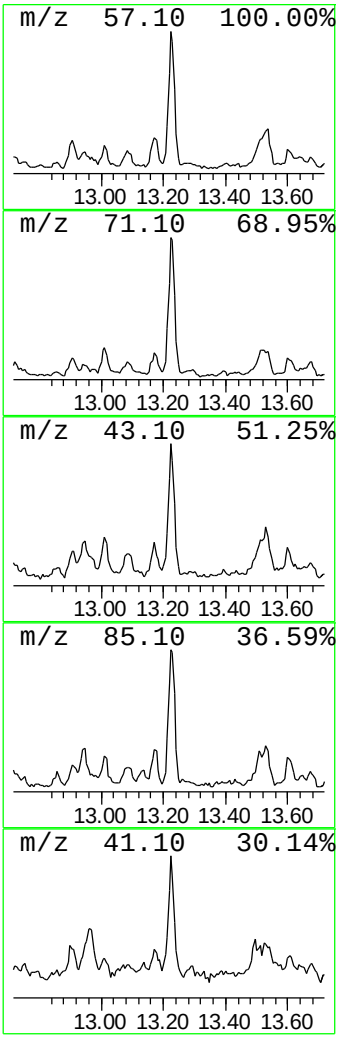
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.84 ng/ul	198940	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78





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Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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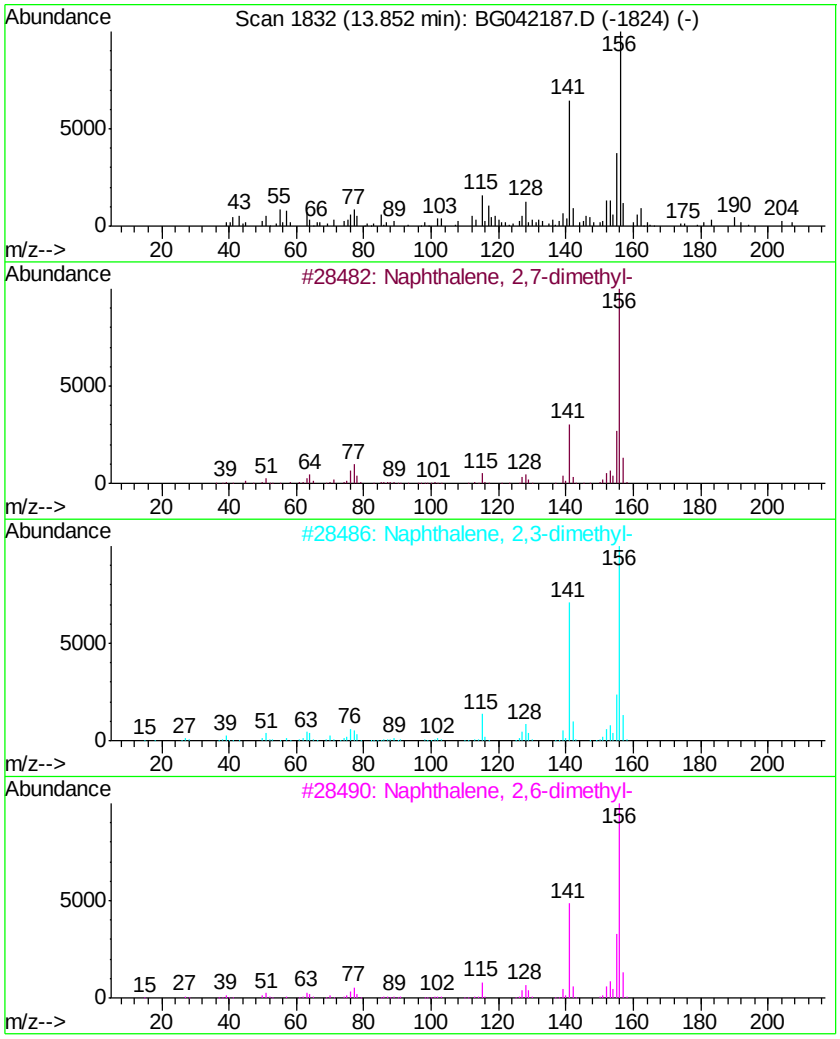
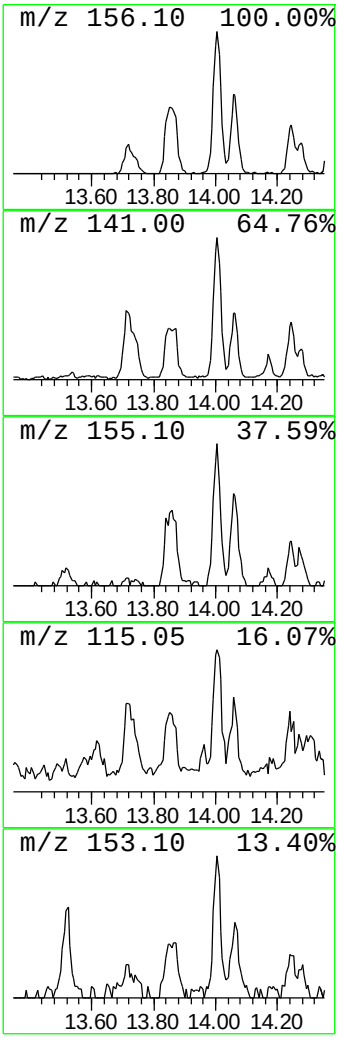
Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.32 ng/ul	120454	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90





Library Search Compound Report

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Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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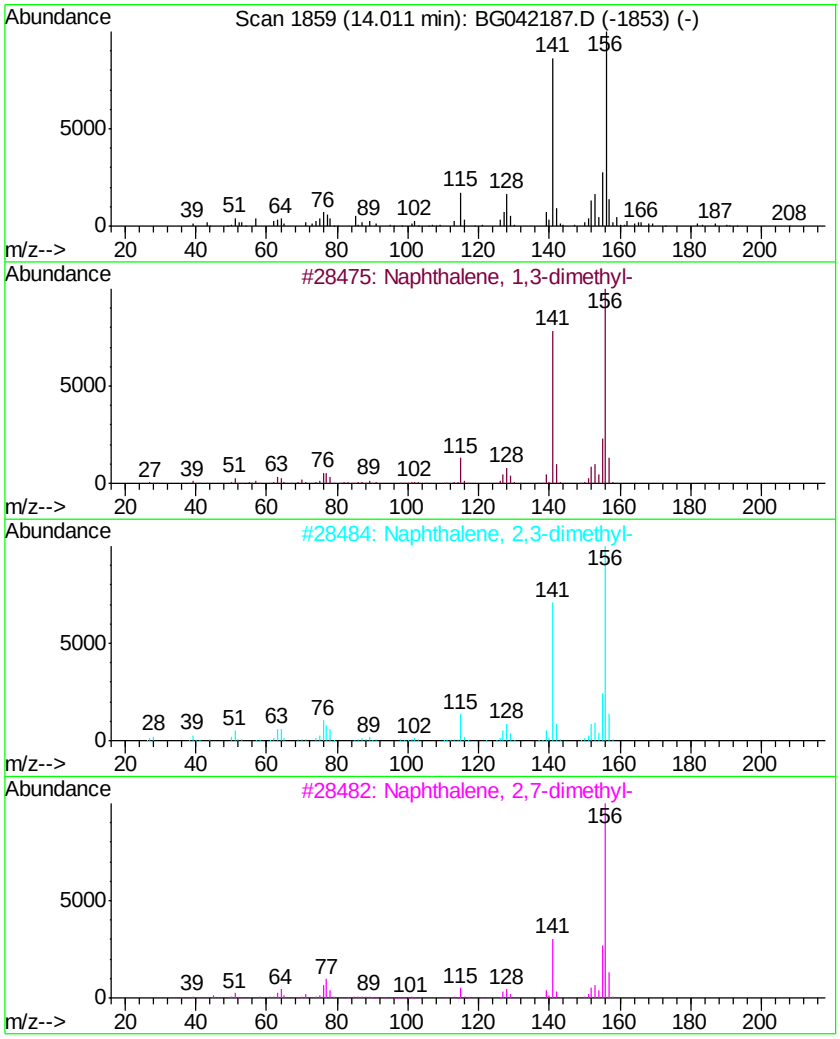
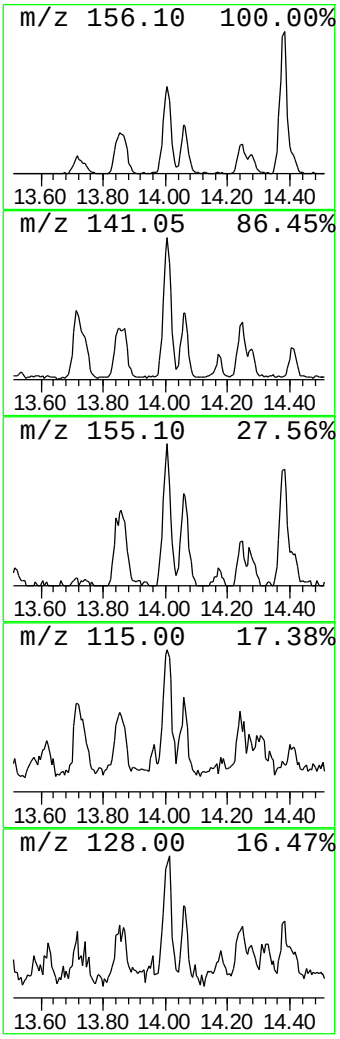
Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.73 ng/ul	141351	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





Library Search Compound Report

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Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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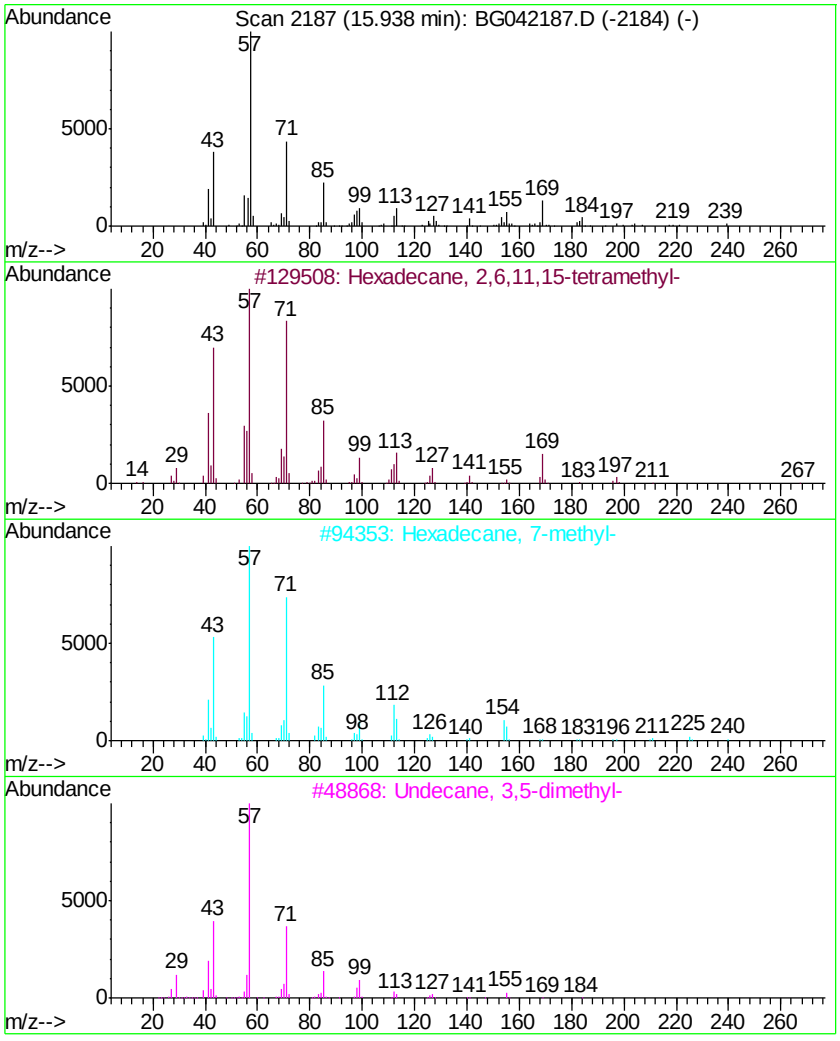
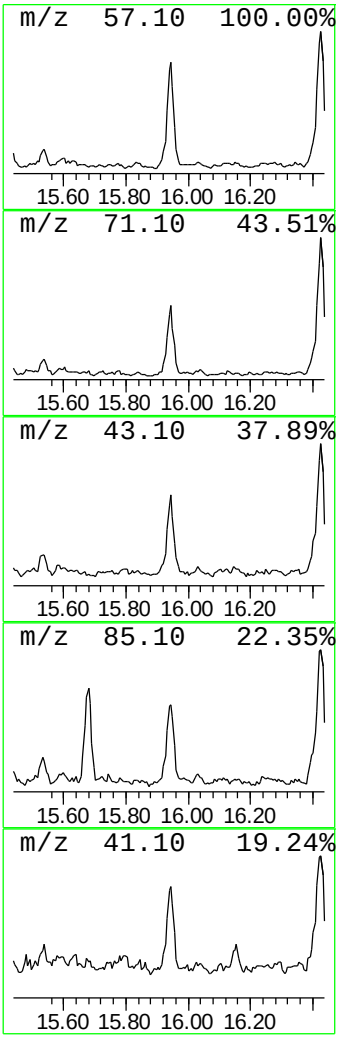
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.84 ng/ul	147503	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	53
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53





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Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
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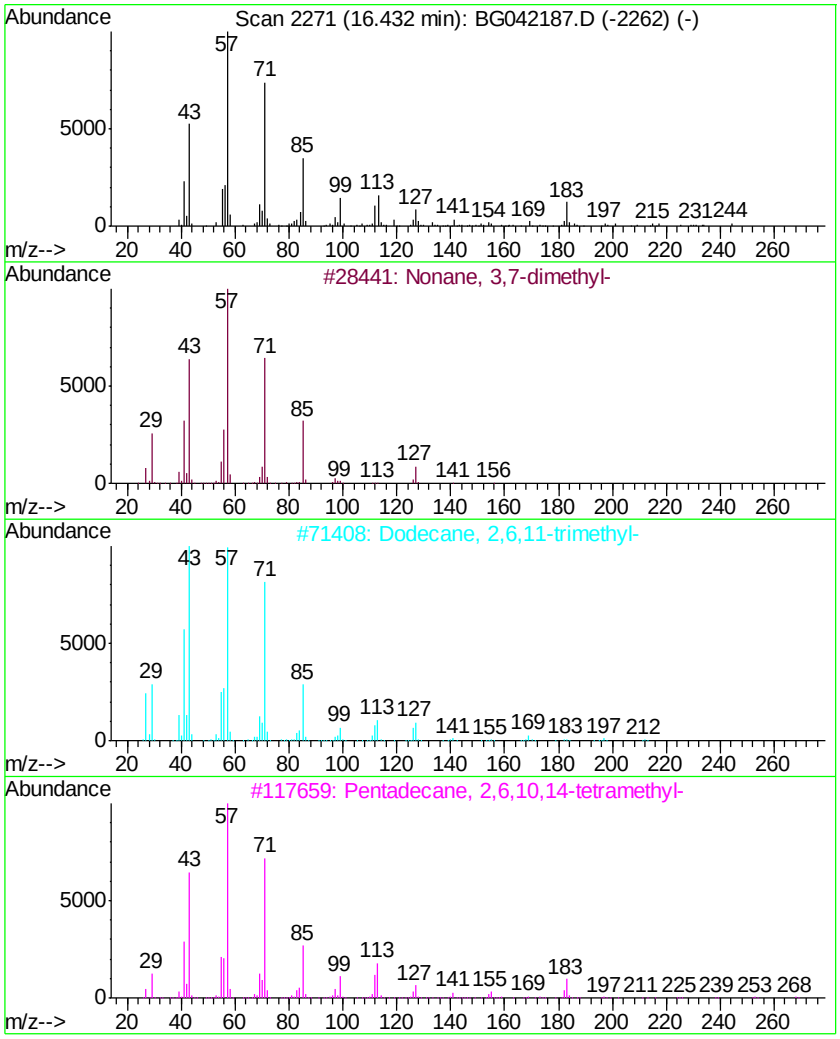
Quant Title : SVOA CALIBRATION

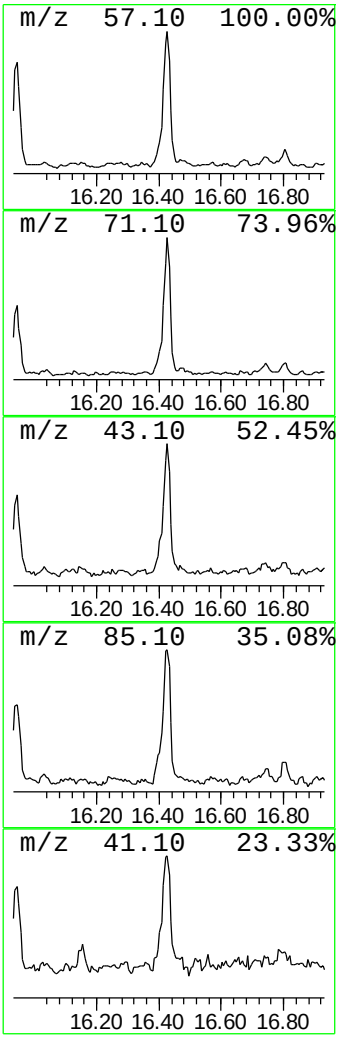
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	4.47 ng/ul	251072	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	93
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87





Library Search Compound Report

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Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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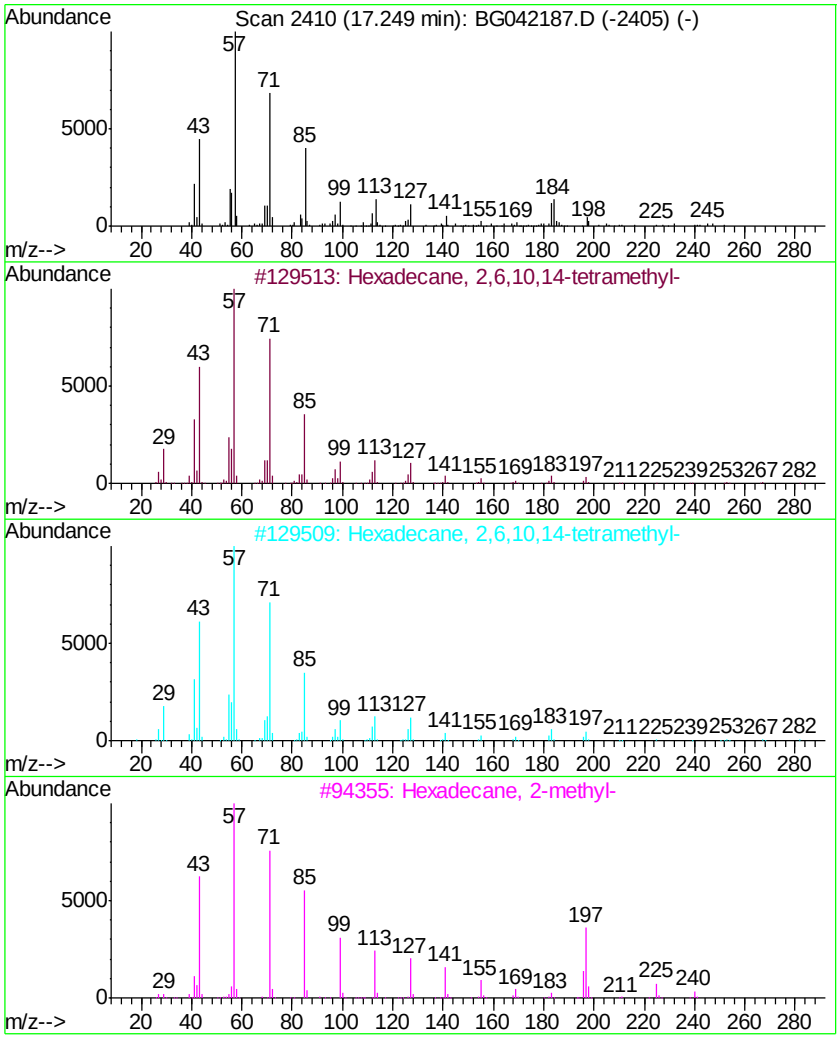
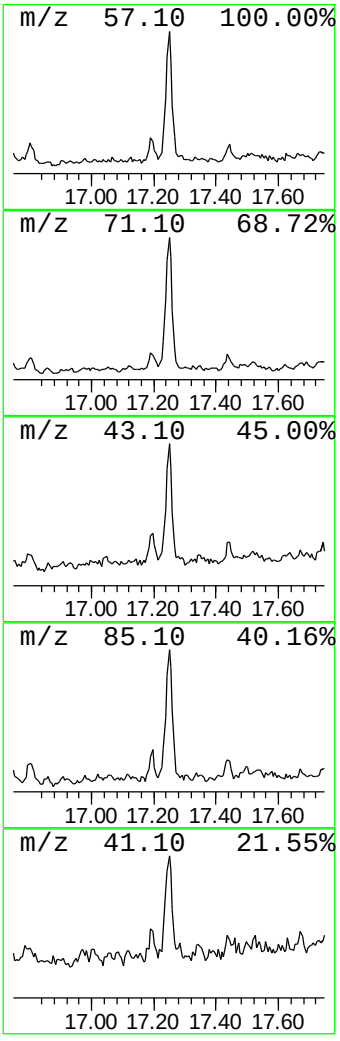
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	2.81 ng/ul	157977	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72





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ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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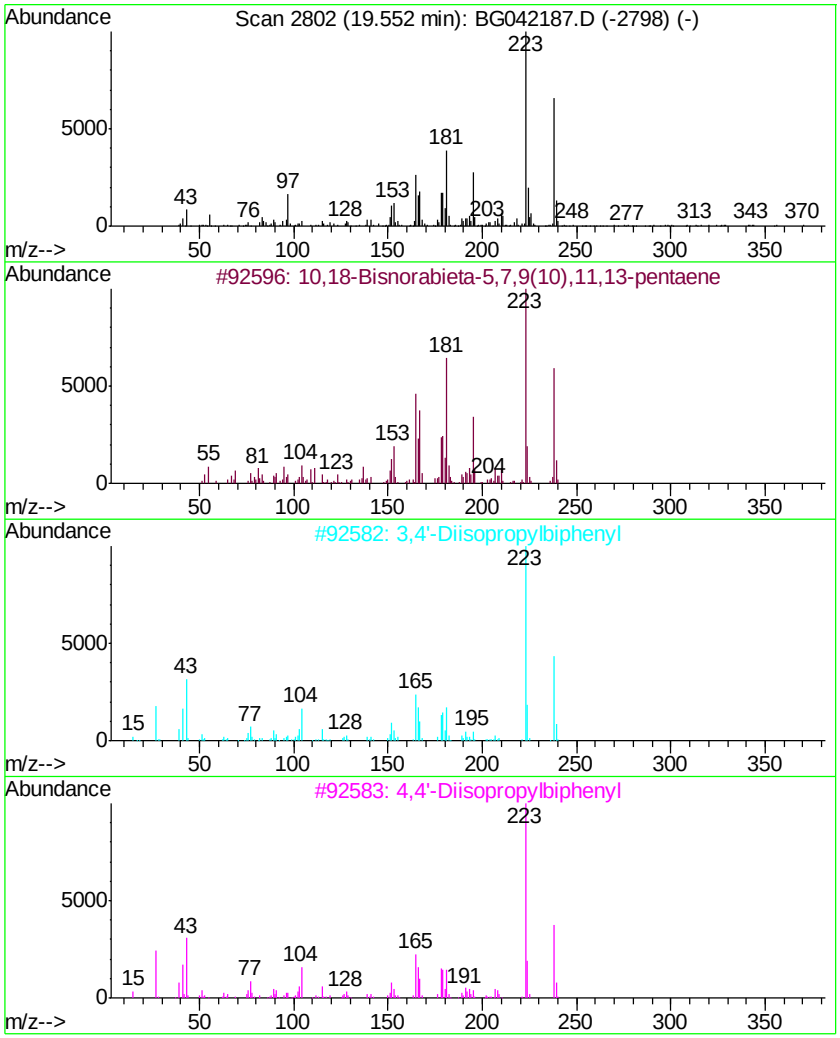
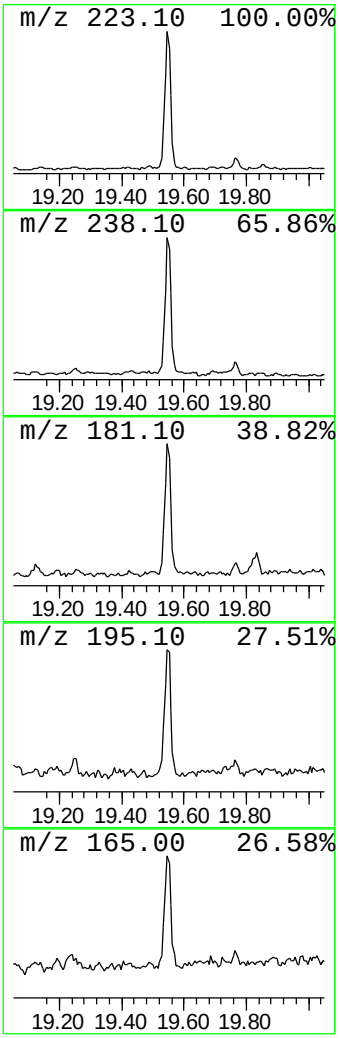
Peak Number 15 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	5.23 ng/ul	293519	Phenanthrene-d10	17.44

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	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	62
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
5	3H-1,3,4-Benzotriazepine, 7-chlo...	223	C10H10ClN3O	105999-06-2	58





Tentatively Identified Compound (LSC) summary

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Data File : BG042187.D
Acq On : 13 Aug 2019 19:07
Operator : HP/JU
Sample : K4215-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	94.4	ng/ul	2178220	1	8.02	461601	20.0
p-Cymene	8.17	2.0	ng/ul	46780	1	8.02	461601	20.0
(DEL) Alkane: Str...	10.27	2.0	ng/ul	74296	2	10.85	733567	20.0
(DEL) Alkane: Cyc...	11.56	4.3	ng/ul	156748	2	10.85	733567	20.0
(DEL) Alkane: Str...	11.77	2.5	ng/ul	91462	2	10.85	733567	20.0
(DEL) Alkane: Str...	11.88	5.9	ng/ul	216709	2	10.85	733567	20.0
Benzene, (2-methy...	11.96	2.1	ng/ul	77860	2	10.85	733567	20.0
Naphthalene, 1-me...	12.73	5.0	ng/ul	182029	2	10.85	733567	20.0
(DEL) Alkane: Str...	13.22	3.8	ng/ul	198940	3	14.69	1037210	20.0
Naphthalene, 2,7-...	13.85	2.3	ng/ul	120454	3	14.69	1037210	20.0
Naphthalene, 1,3-...	14.01	2.7	ng/ul	141351	3	14.69	1037210	20.0
(DEL) Alkane: Str...	15.94	2.8	ng/ul	147503	3	14.69	1037210	20.0
(DEL) Alkane: Str...	16.43	4.5	ng/ul	251072	4	17.44	1122560	20.0
(DEL) Alkane: Str...	17.25	2.8	ng/ul	157977	4	17.44	1122560	20.0
10,18-Bisnorabiet...	19.55	5.2	ng/ul	293519	4	17.44	1122560	20.0