LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.176	12	15	24	rVB2	61488	118305	2.71%	0.209%
2	5.579	416	424	439	rBV	907279	1592684	36.43%	2.820%
3	6.290	538	545	552	rBV6	21300	48203	1.10%	0.085%
4	6.572	588	593	598	rVV2	38677	64378	1.47%	0.114%
5	6.648	598	606	609	rVV5	32332	74989	1.72%	0.133%
6	6.689	609	613	618	rVB4	26463	48612	1.11%	0.086%
7	6.907	643	650	657	rBV5	19425	44785	1.02%	0.079%
8	7.006	663	667	672	rVB	43849	66393	1.52%	0.118%
9	7.171	687	695	705	rVB	1035384	1884806	43.11%	3.337%
10	7.506	748	752	760	rVB3	25736	59519	1.36%	0.105%
11	7.594	760	767	773	rVB4	53878	110092	2.52%	0.195%
12	7.847	803	810	817	rBV9	24583	60668	1.39%	0.107%
13	8.005	830	837	845	rVB2	390278	741236	16.95%	1.312%
14	8.087	845	851	856	rBV4	35014	74165	1.70%	0.131%
15	8.211	866	872	876	rVB3	58439	100018	2.29%	0.177%
16	8.328	880	892	906	rVB	890785	1874134	42.86%	3.318%
17	8.551	920	930	932	rBV5	79227	155550	3.56%	0.275%
18	8.610	938	940	944	rVB	57116	61461	1.41%	0.109%
19	8.681	949	952	963	rVB3	65388	133790	3.06%	0.237%
20	8.786	964	970	976	rBV4	91946	181342	4.15%	0.321%
21	8.851	977	981	985	rBV3	45972	65372	1.50%	0.116%
22	9.021	1004	1010	1017	rVB4	61517	137572	3.15%	0.244%
23	9.162	1017	1034	1040	rBV	709917	1800707	41.19%	3.188%
24	9.221	1040	1044	1051	rVV6	82961	167040	3.82%	0.296%
25	9.286	1053	1055	1060	rVB5	47594	68597	1.57%	0.121%
26	9.374	1060	1070	1077	rBV8	157062	505260	11.56%	0.895%
27	9.456	1077	1084	1086	rBV5	66781	134928	3.09%	0.239%
28	9.509	1087	1093	1099	rVB7	89647	214926	4.92%	0.381%
29	9.668	1117	1120	1124	rBV	73632	101636	2.32%	0.180%
30	9.744	1129	1133	1138	rVV3	118214	205952	4.71%	0.365%
31	9.791	1138	1141	1145	rVB5	40541	59310	1.36%	0.105%
32	9.903	1151	1160	1163	rBV9	94372	237258	5.43%	0.420%
33	9.950	1164	1168	1173	rVV3	159457	271251	6.20%	0.480%
34	10.002	1173	1177	1185	rVB5	245619	482968	11.05%	0.855%

LSC Area Percent Report

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Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.096	1185	1193	1199	rVB4	110433	307231	7.03%	0.544%
36	10.173	1201	1206	1210	rBV3	156985	247933	5.67%	0.439%
37	10.220	1210	1214	1218	rVB2	73714	113147	2.59%	0.200%
38	10.284	1220	1225	1230	rVB5	144834	271536	6.21%	0.481%
39	10.361	1233	1238	1243	rBV2	107179	226551	5.18%	0.401%
40	10.402	1243	1245	1251	rBV7	42901	81175	1.86%	0.144%
41	10.525	1261	1266	1269	rBV4	104514	185953	4.25%	0.329%
42	10.560	1269	1272	1276	rVV3	83174	146263	3.35%	0.259%
43	10.613	1277	1281	1285	rVB6	73479	129322	2.96%	0.229%
44	10.690	1290	1294	1296	rBV4	94842	144847	3.31%	0.256%
45	10.813	1307	1315	1325	rBV	415616	1052075	24.06%	1.863%
46	10.942	1334	1337	1341	rVB5	86907	131607	3.01%	0.233%
47	10.989	1341	1345	1350	rVB	443336	673064	15.39%	1.192%
48	11.048	1351	1355	1360	rVB6	87271	152585	3.49%	0.270%
49	11.242	1383	1388	1392	rBV7	109572	210516	4.81%	0.373%
50	11.324	1398	1402	1408	rVB4	226500	359898	8.23%	0.637%
51	11.530	1426	1437	1443	rBV10	322347	892634	20.42%	1.580%
52	11.600	1444	1449	1455	rVB4	122352	231057	5.28%	0.409%
53	11.665	1455	1460	1465	rBV6	212381	423668	9.69%	0.750%
54	11.859	1487	1493	1501	rBV3	724044	1678575	38.39%	2.972%
55	12.011	1515	1519	1527	rVB4	259733	453988	10.38%	0.804%
56	12.111	1533	1536	1541	rBV2	217997	305333	6.98%	0.541%
57	12.693	1631	1635	1637	rBV3	172778	260904	5.97%	0.462%
58	12.728	1638	1641	1645	rVB4	241159	341376	7.81%	0.604%
59	13.098	1702	1704	1708	rVB	258977	315276	7.21%	0.558%
60	13.198	1717	1721	1726	rVB2	1079102	1570028	35.91%	2.780%
61	13.269	1727	1733	1739	rBV	1896593	3027662	69.25%	5.361%
62	13.445	1759	1763	1767	rBV3	513605	1000548	22.88%	1.771%
63	13.580	1783	1786	1793	rVB4	274814	546390	12.50%	0.967%
64	13.809	1821	1825	1827	rBV2	302479	479064	10.96%	0.848%
65	13.927	1842	1845	1847	rBV3	188866	251725	5.76%	0.446%
66	13.968	1848	1852	1857	rVV2	568332	1041283	23.82%	1.844%
67	14.021	1858	1861	1867	rVB	444865	645595	14.77%	1.143%
68	14.085	1868	1872	1877	rBV4	530710	855343	19.56%	1.514%
69	14.144	1878	1882	1887	rVV2	1251921	1639337	37.49%	2.902%
70	14.308	1907	1910	1914	rVB4	269828	352384	8.06%	0.624%
71	14.490	1938	1941	1948	rVB3	570068	928413	21.23%	1.644%

LSC Area Percent Report

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Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.626	1960	1964	1966	rBV4	714054	1105066	25.27%	1.957%
73	15.178	2055	2058	2066	rVB7	453166	772710	17.67%	1.368%
74	15.319	2079	2082	2086	rVB2	481212	648169	14.82%	1.148%
75	15.918	2179	2184	2190	rVB	1285257	2056207	47.03%	3.641%
76	16.135	2216	2221	2229	rVB3	1518075	2520344	57.64%	4.462%
77	16.394	2259	2265	2271	rBV	2320510	3909435	89.42%	6.922%
78	17.216	2401	2405	2414	rVB	1650097	2895429	66.22%	5.126%
79	17.398	2432	2436	2440	rBV	637607	987256	22.58%	1.748%
80	20.001	2875	2879	2892	rVB	3156786	4372201	100.00%	7.741%
81	20.676	2991	2994	2999	rVB3	259819	331442	7.58%	0.587%
82	21.305	3097	3101	3112	rVB	345207	544284	12.45%	0.964%
83	21.651	3155	3160	3170	rVB2	698427	1172328	26.81%	2.076%
84	23.149	3412	3415	3422	rVB3	60497	108240	2.48%	0.192%
85	23.948	3548	3551	3558	rVB2	79232	149447	3.42%	0.265%
86	24.829	3692	3701	3709	rBV	429097	1208268	27.64%	2.139%
87	26.128	3918	3922	3929	rVB10	35609	77774	1.78%	0.138%

Sum of corrected areas: 56480793

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
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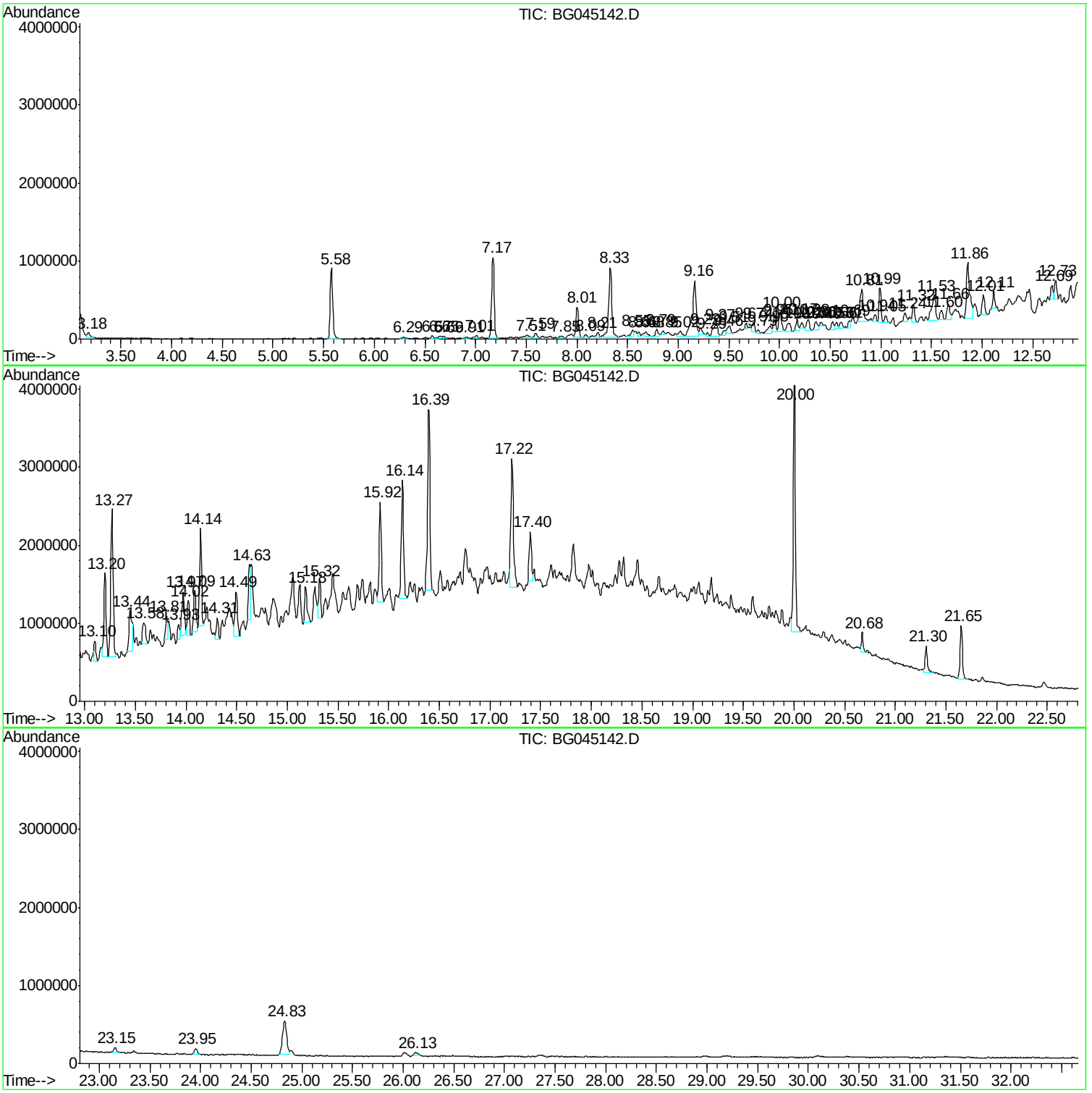
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

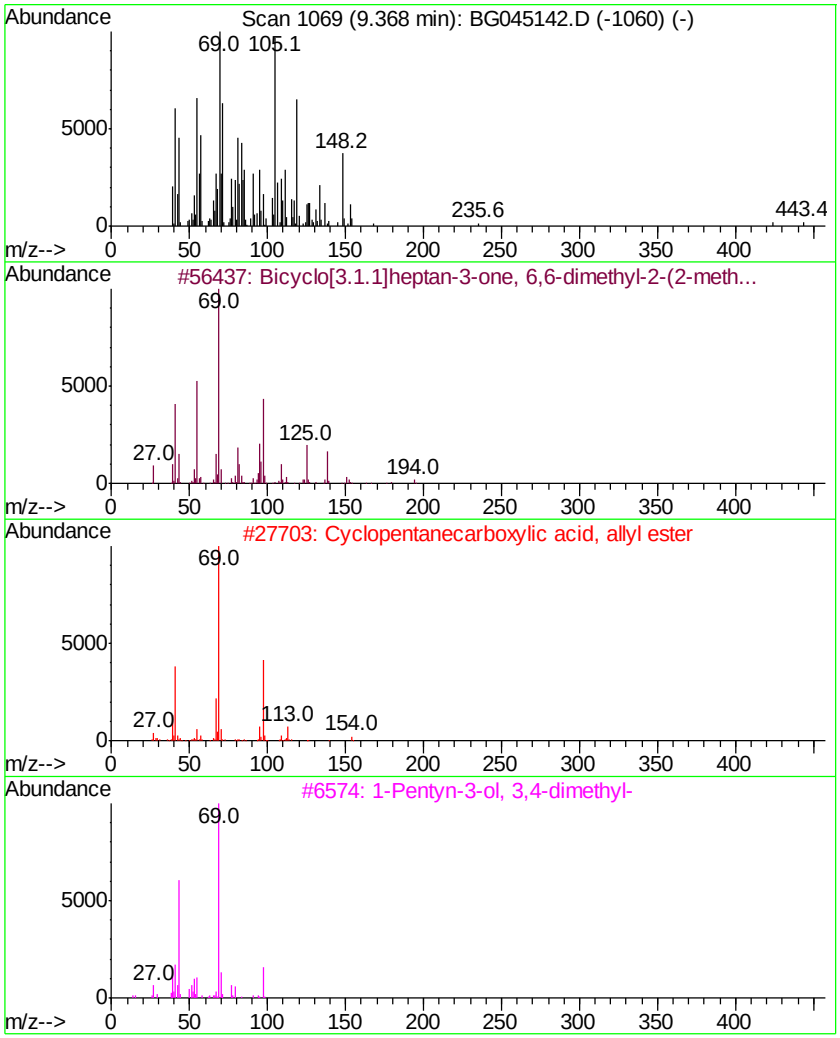
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

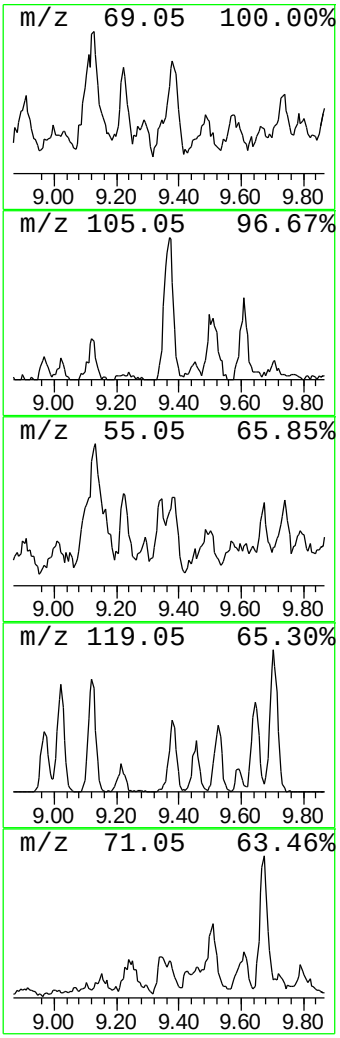
****

Peak Number 2 unknown9.37 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	13.63 ng	505260	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	27
2	Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	25
3	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	22
4	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	20
5	2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

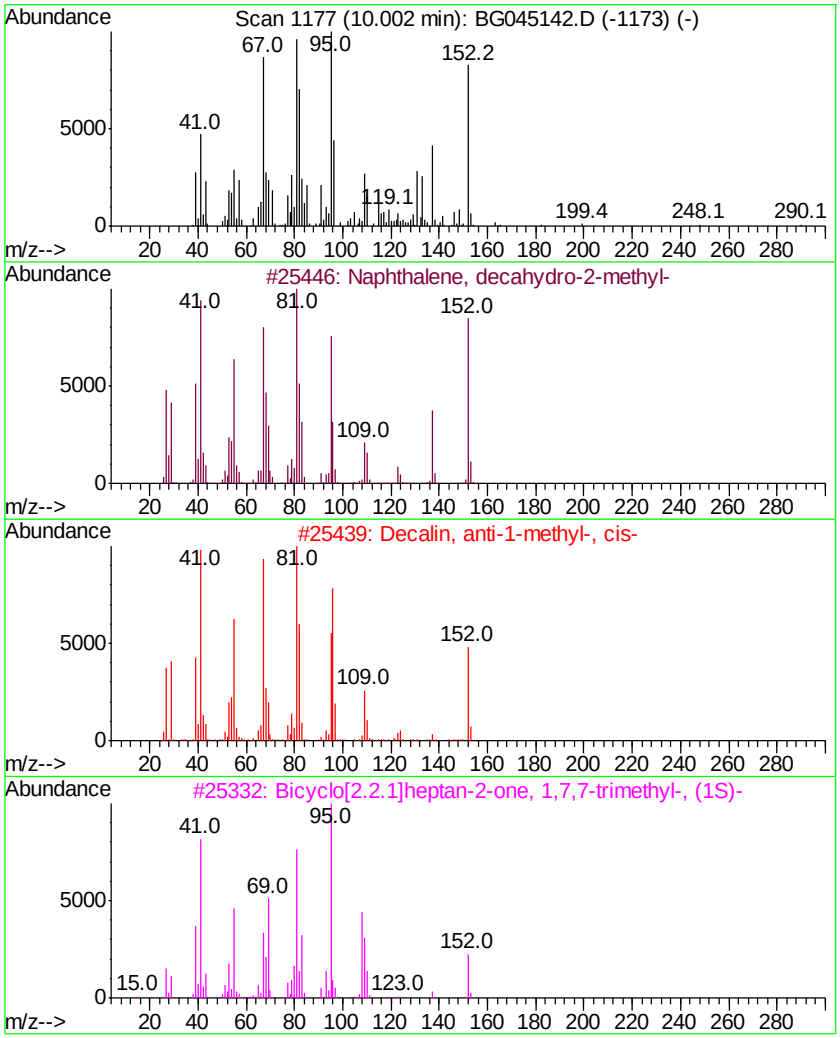
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

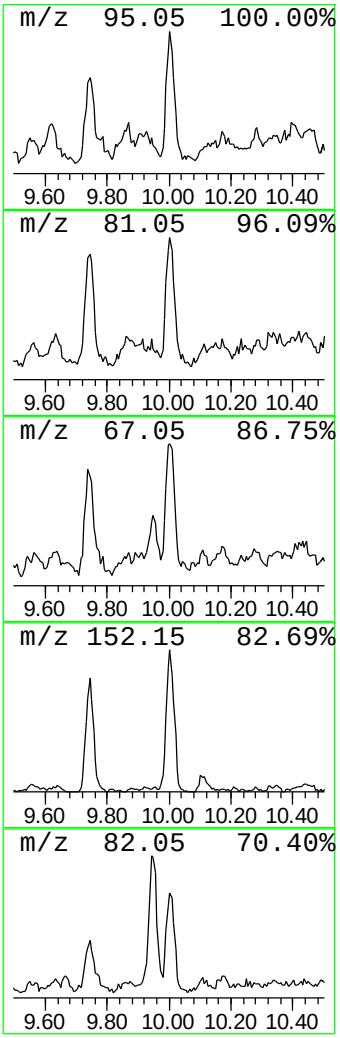
****

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	9.18 ng	482968	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	60
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	58
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
5	7-Heptadecyne, 1-chloro-	270	C17H31Cl	056554-74-6	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

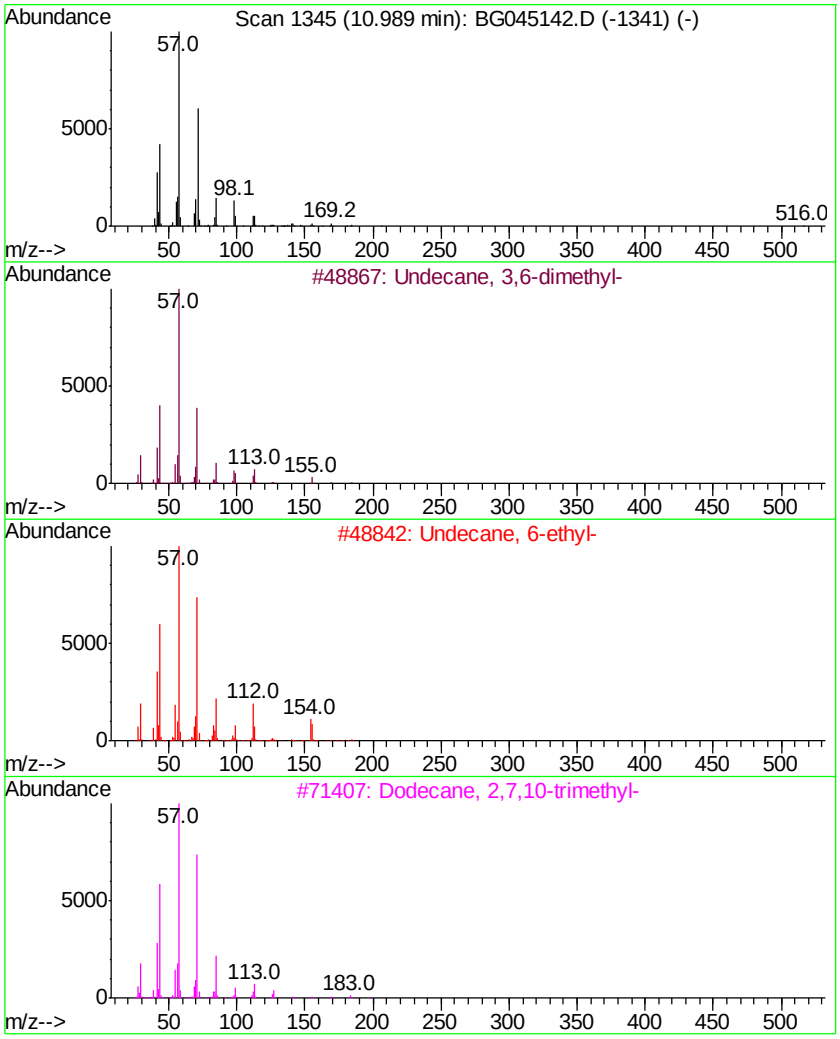
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

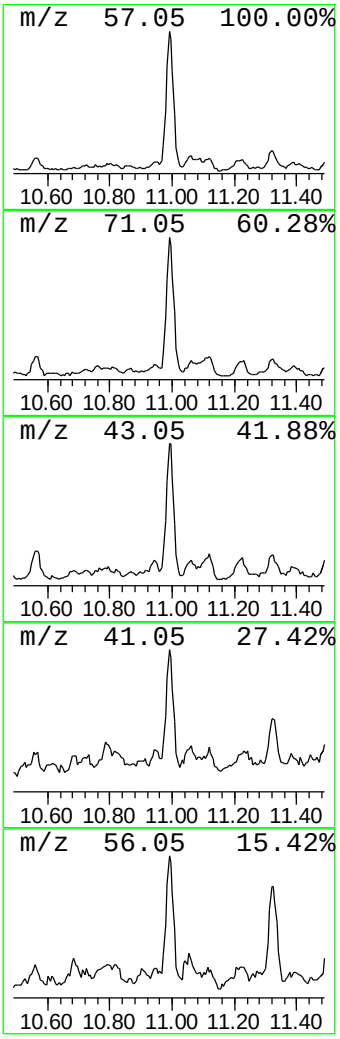
****

Peak Number 4 Undecane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	12.80 ng	673064	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	62
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
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Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

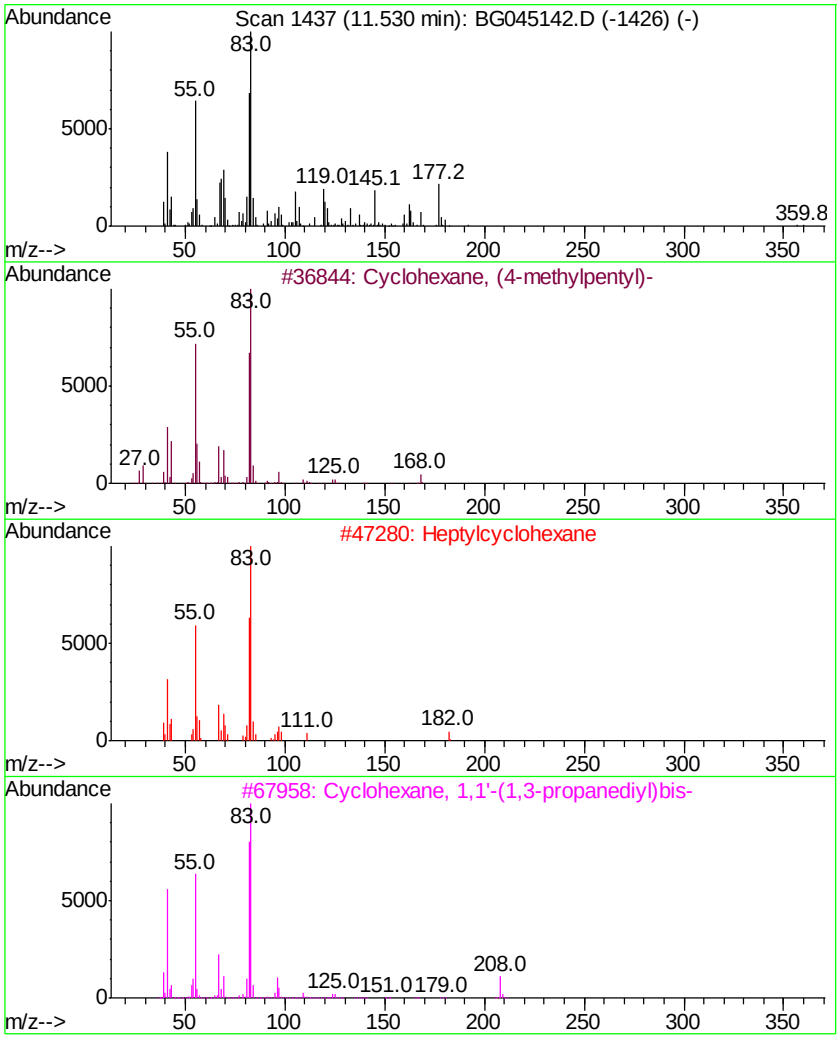
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

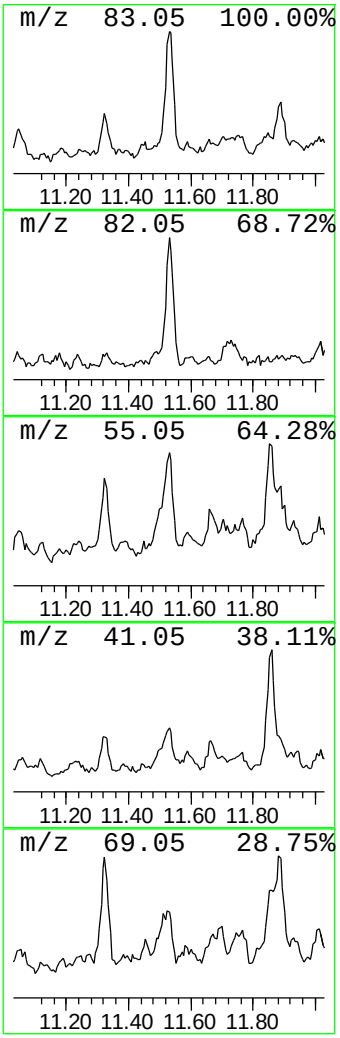
****

Peak Number 5 unknown11.53 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	16.97 ng	892634	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
2	Heptylcyclohexane	182	C13H26	005617-41-4	46
3	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	43
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

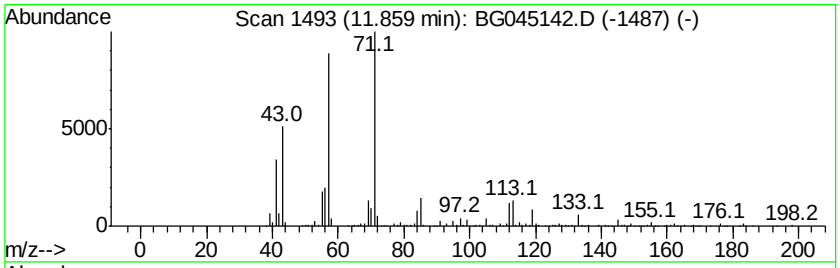
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

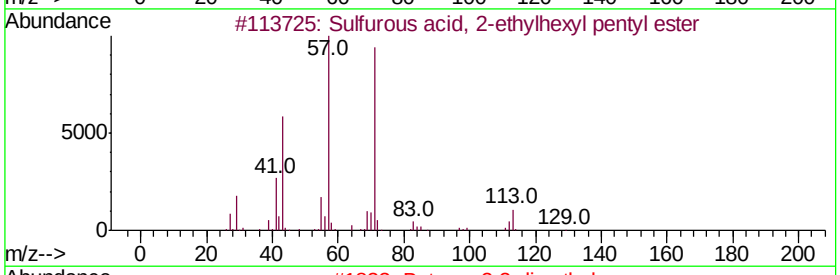
****

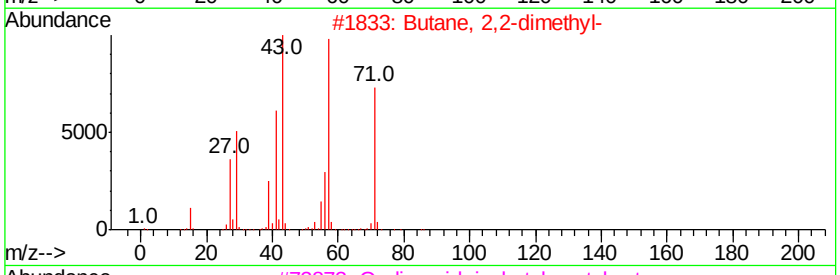
Peak Number 6 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

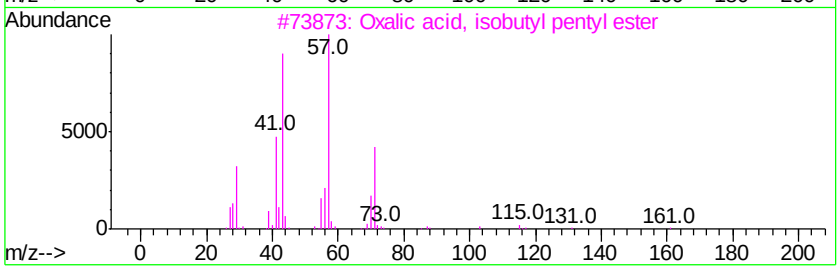
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	31.91 ng	1678580	Naphthalene-d8	10.81

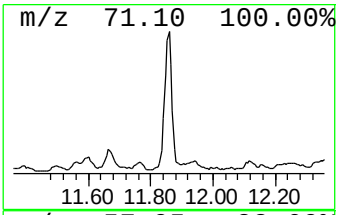
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	53
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	49
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	47

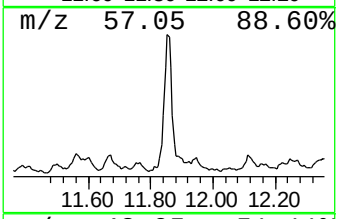


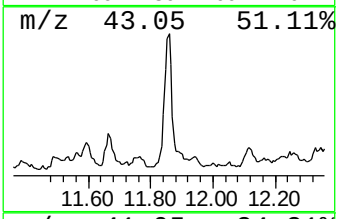


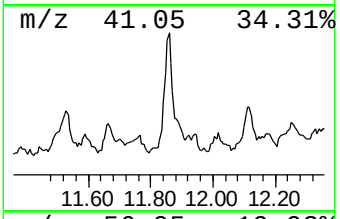


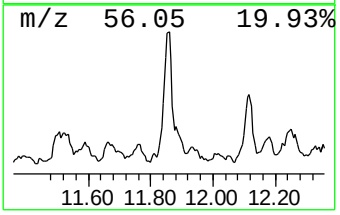












Library Search Compound Report

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Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

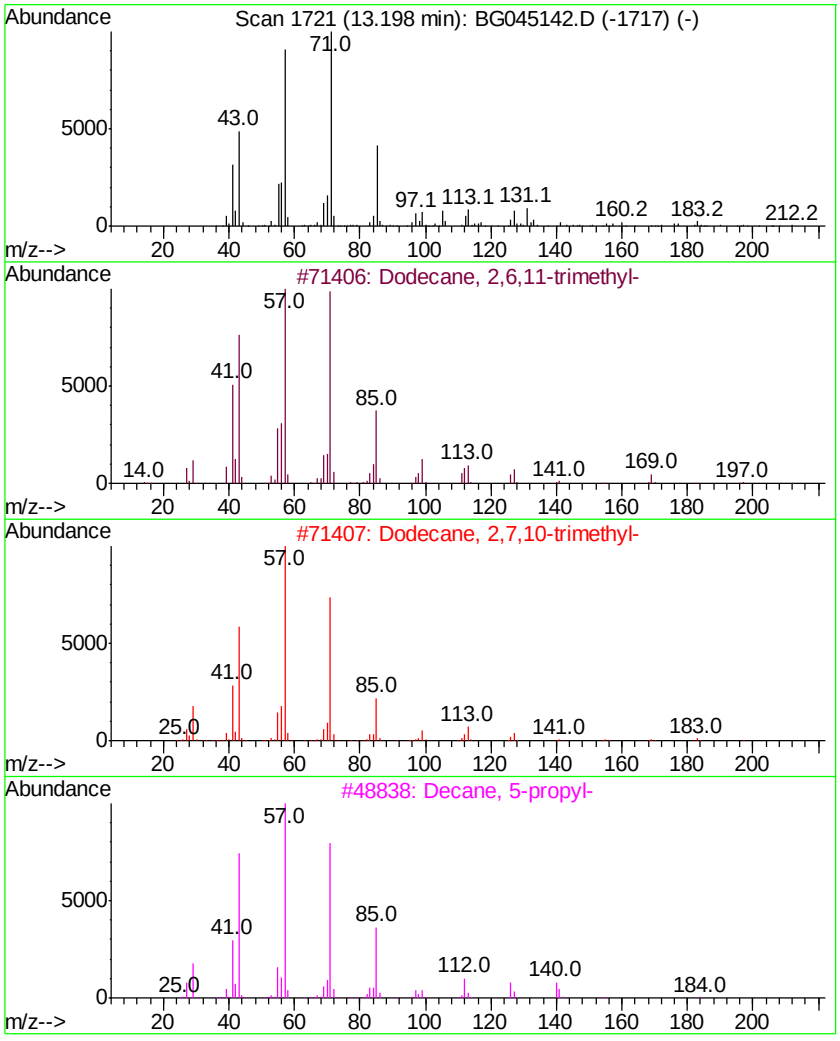
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

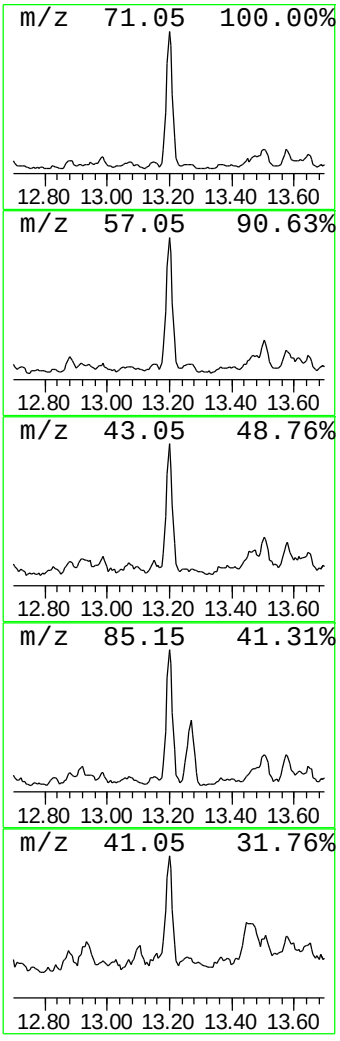
****

Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	28.42 ng	1570030	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Decane, 5-propyl-	184	C13H28	017312-62-8	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

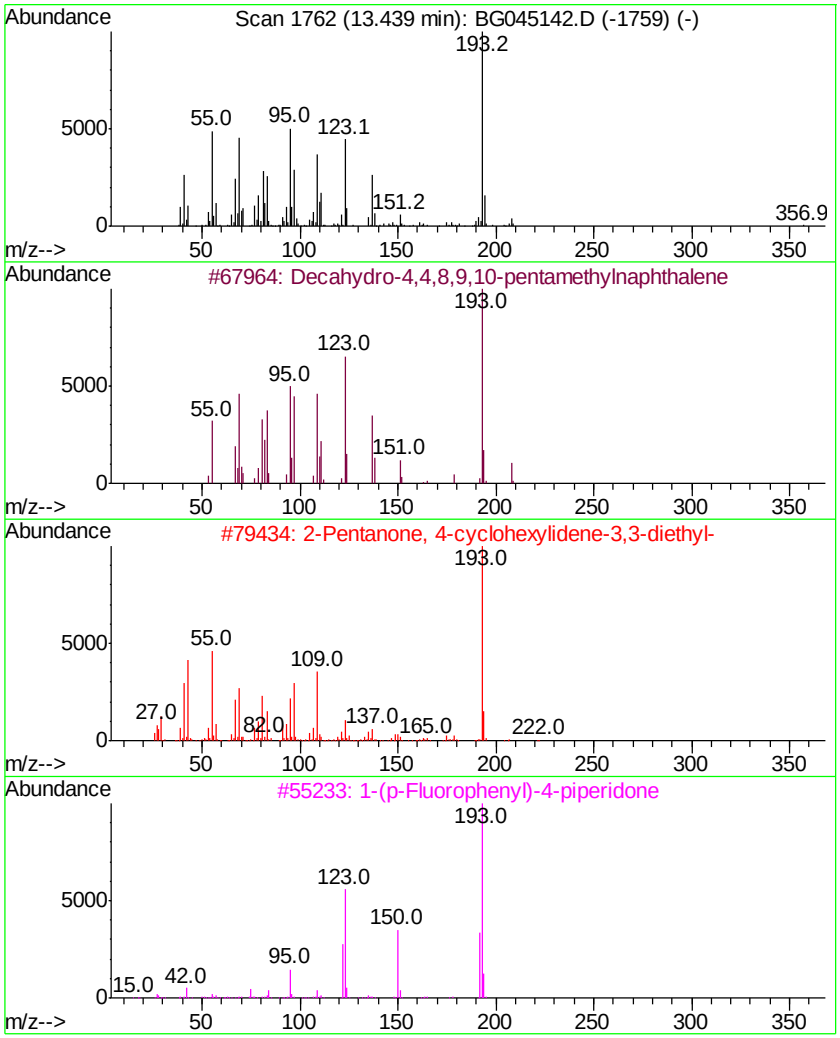
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

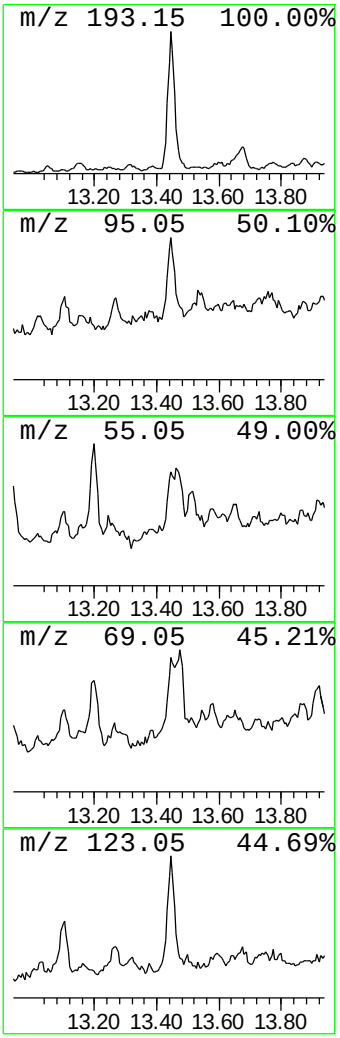
****

Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	18.11 ng	1000550	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	94
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	47
4	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	37
5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35





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Instrument : BNA_G
ClientSampleId : 6

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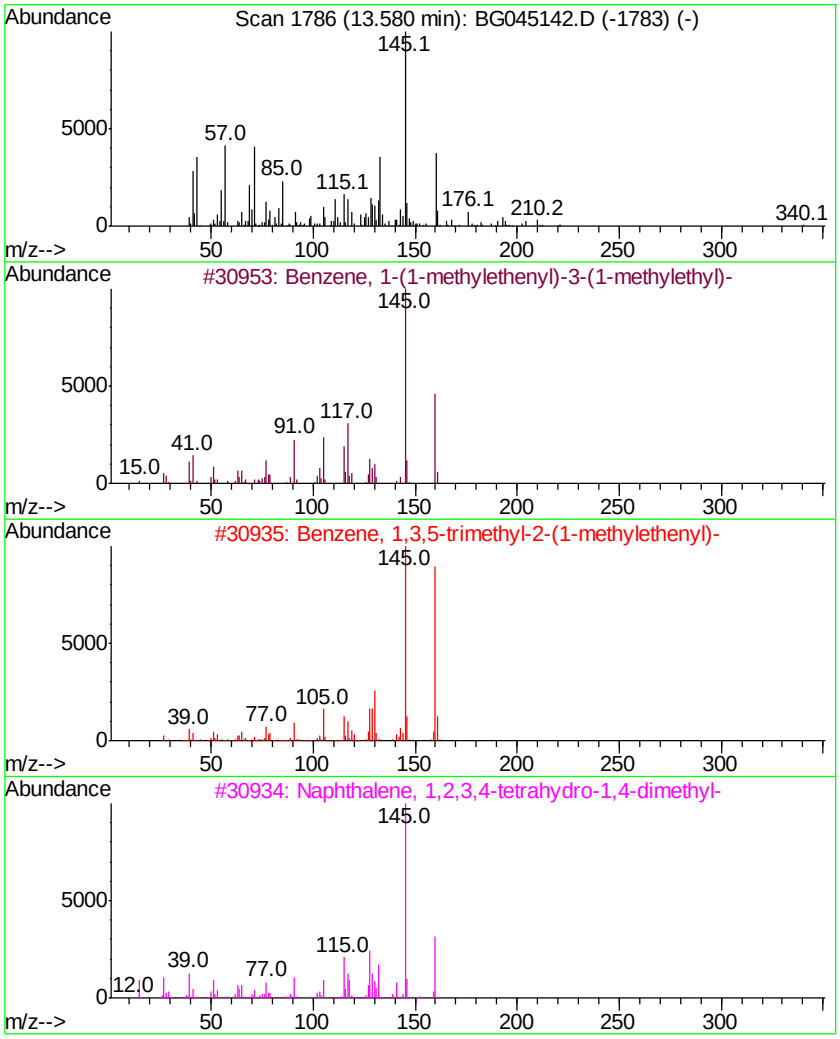
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

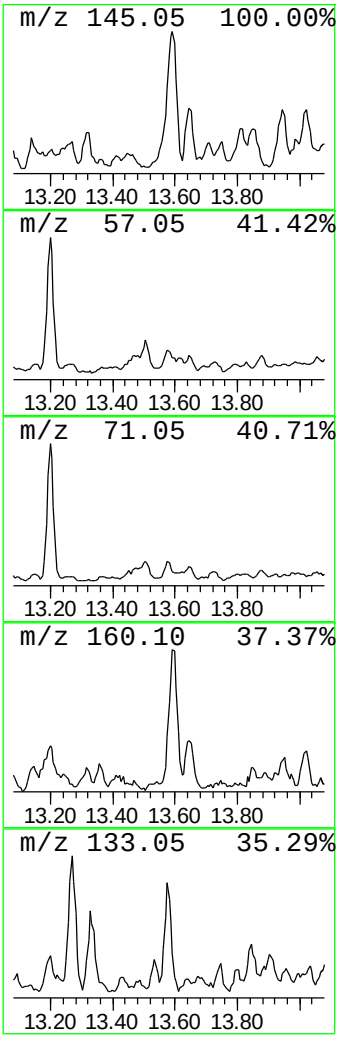
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-(1-methylethenyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	9.89 ng	546390	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	78
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	60





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Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

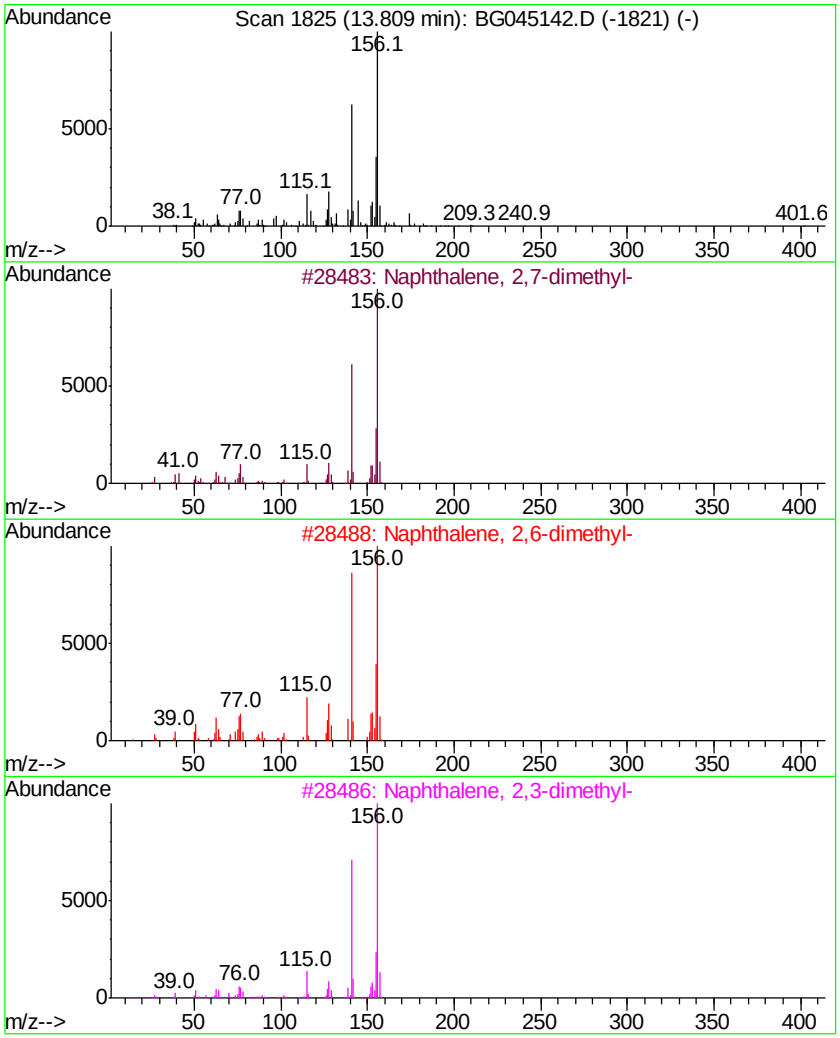
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

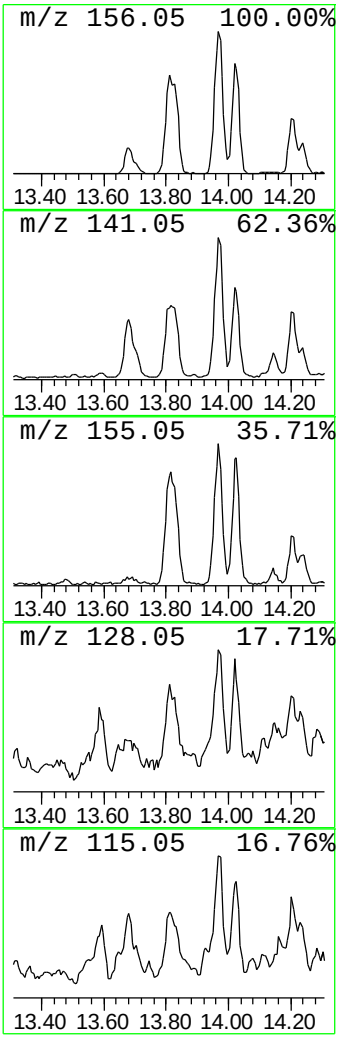
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	8.67 ng	479064	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





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Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

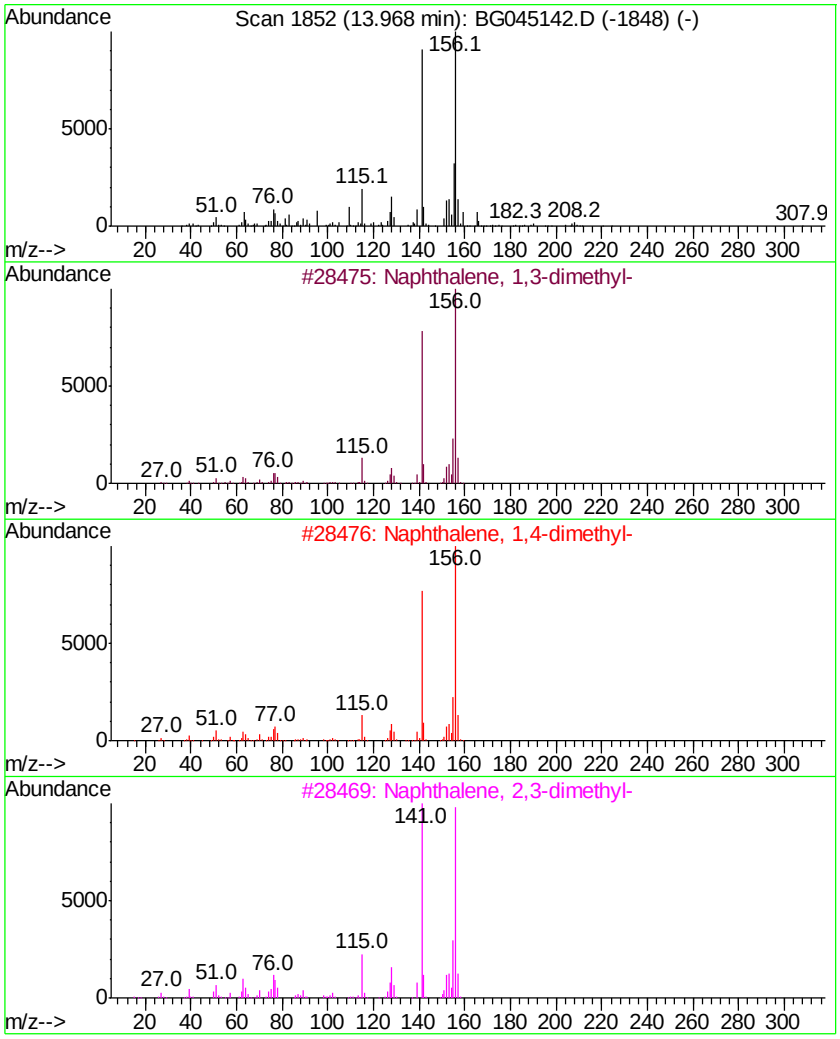
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

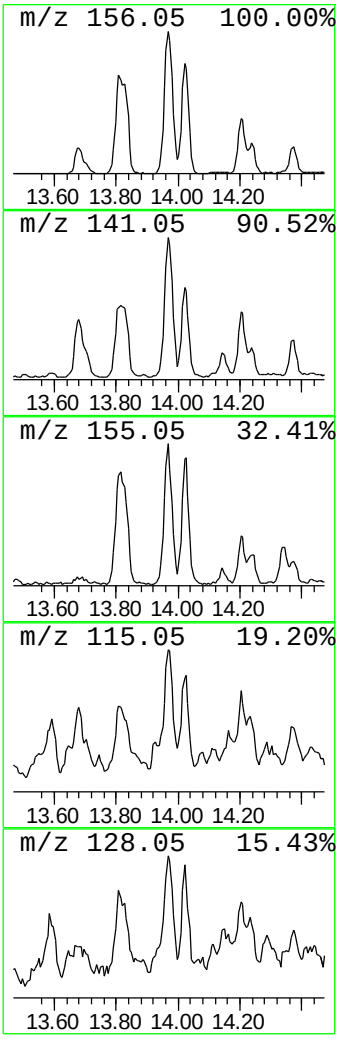
****

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	18.85 ng	1041280	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

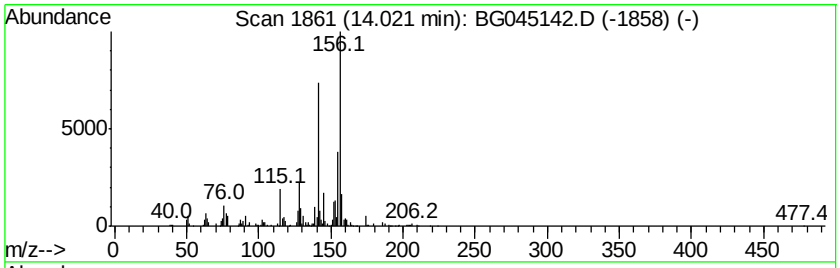
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

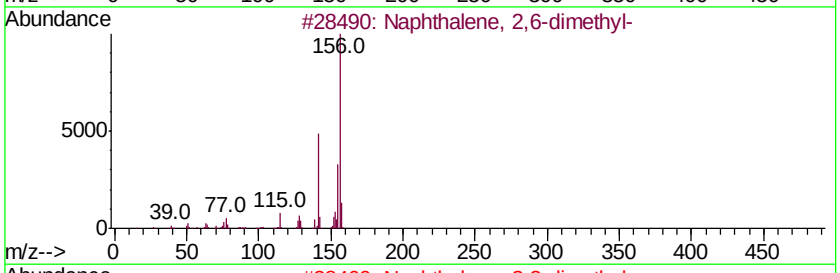
****

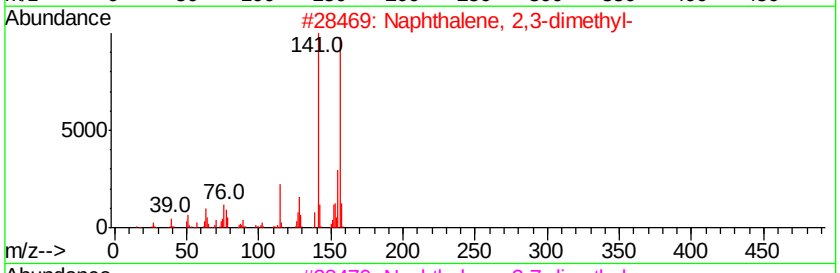
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 16

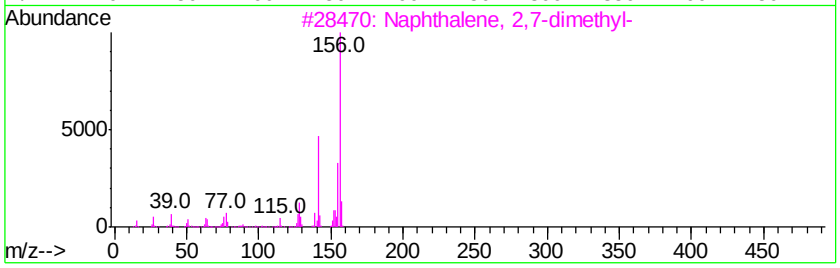
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	11.68 ng	645595	Acenaphthene-d10	14.65

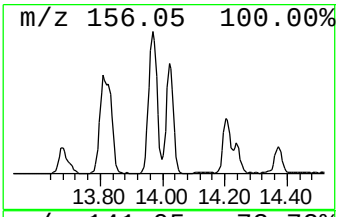
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93

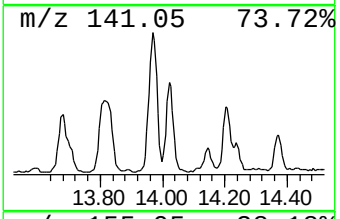


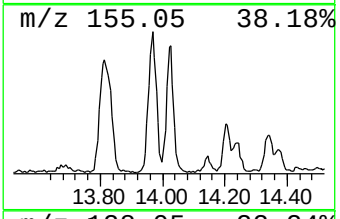


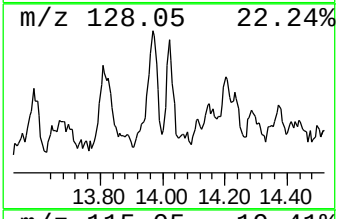


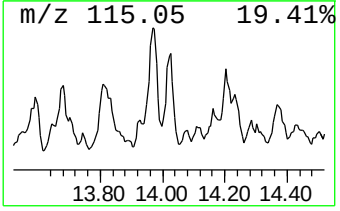












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Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

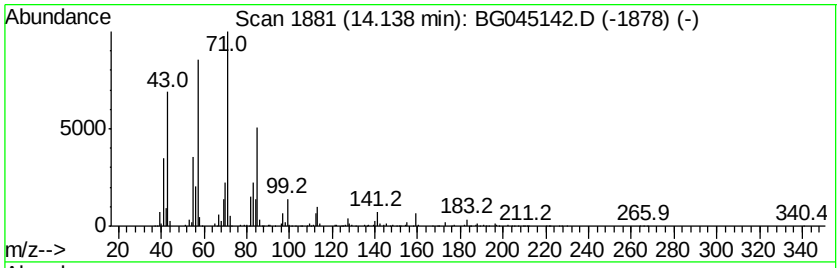
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

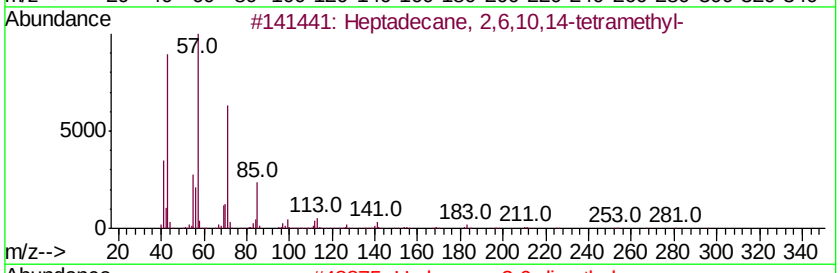
****

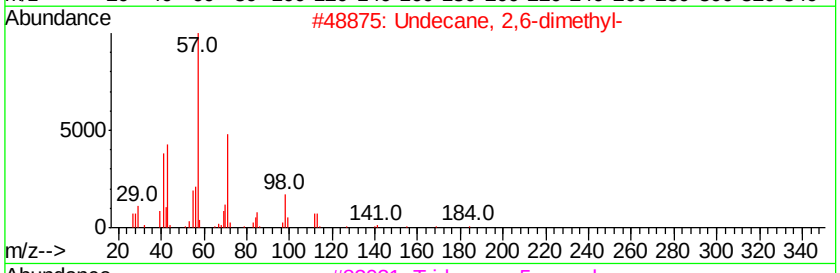
Peak Number 13 Heptadecane, 2,6,10,14-tetr... Concentration Rank 6

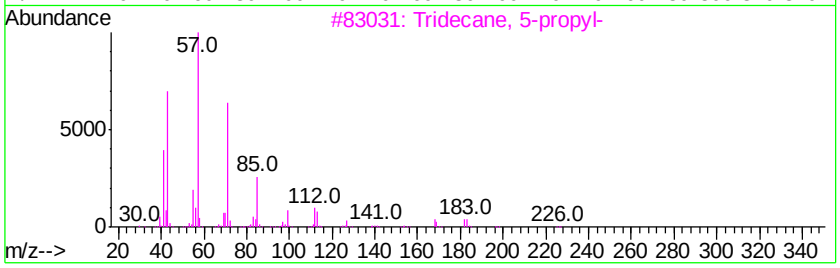
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	29.67 ng	1639340	Acenaphthene-d10	14.65

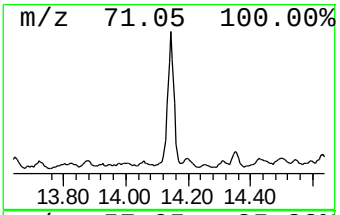
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	62
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	58
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47

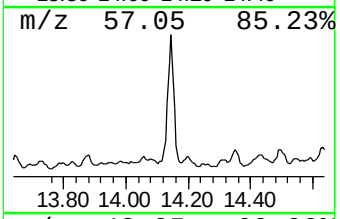


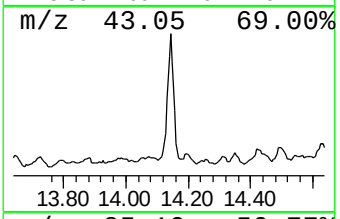


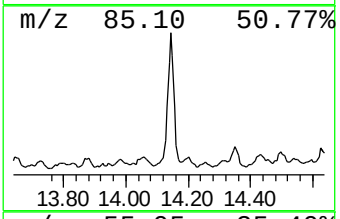


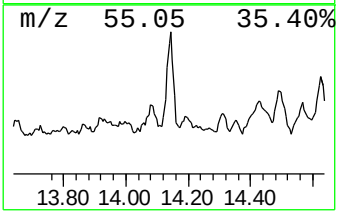












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Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

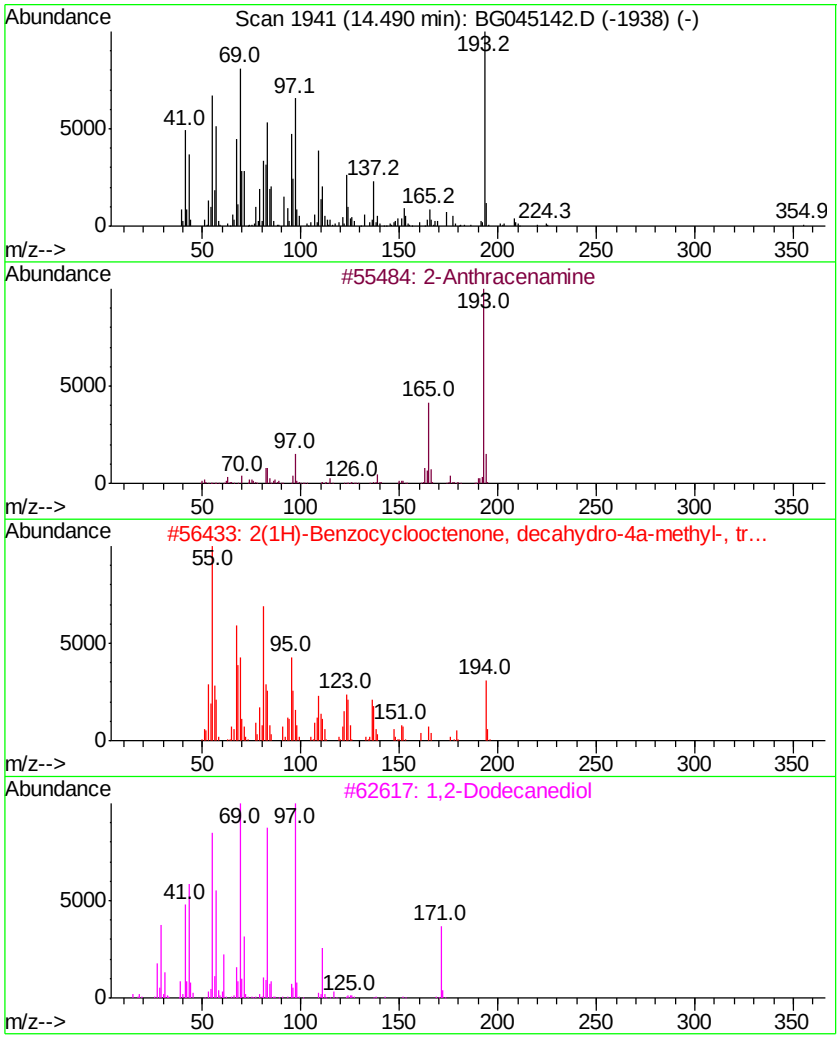
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

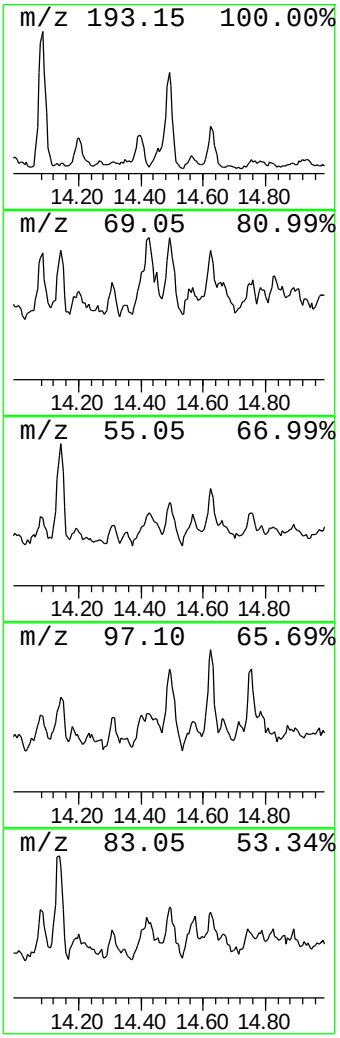
****

Peak Number 14 unknown14.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	16.80 ng	928413	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine	193	C14H11N	000613-13-8	42
2	2(1H)-Benzocyclooctenone, decahy...	194	C13H22O	055103-66-7	30
3	1,2-Dodecanediol	202	C12H26O2	001119-87-5	27
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	18
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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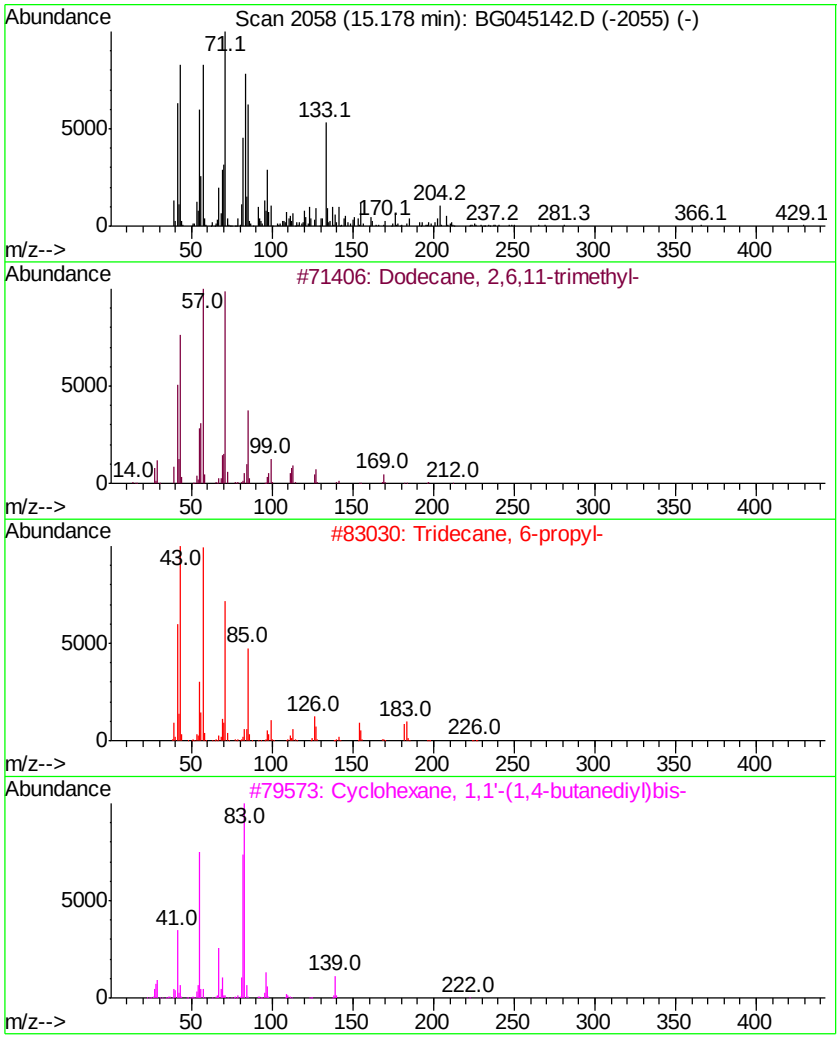
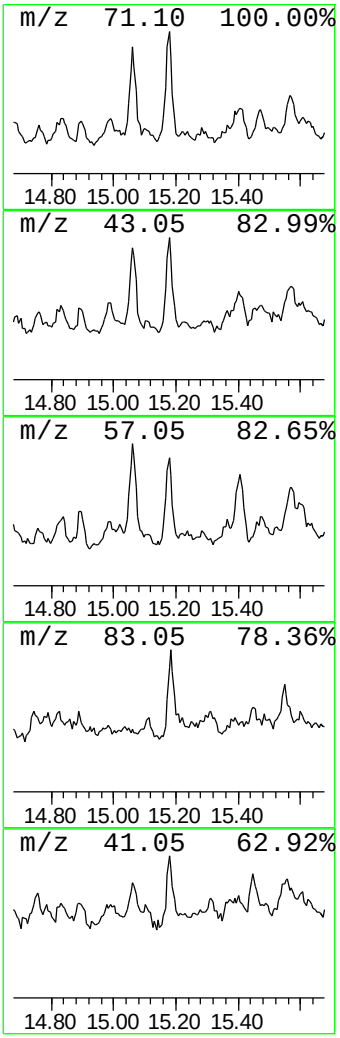
Peak Number 15 unknown15.18 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	13.98 ng	772710	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	30
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	30
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	25
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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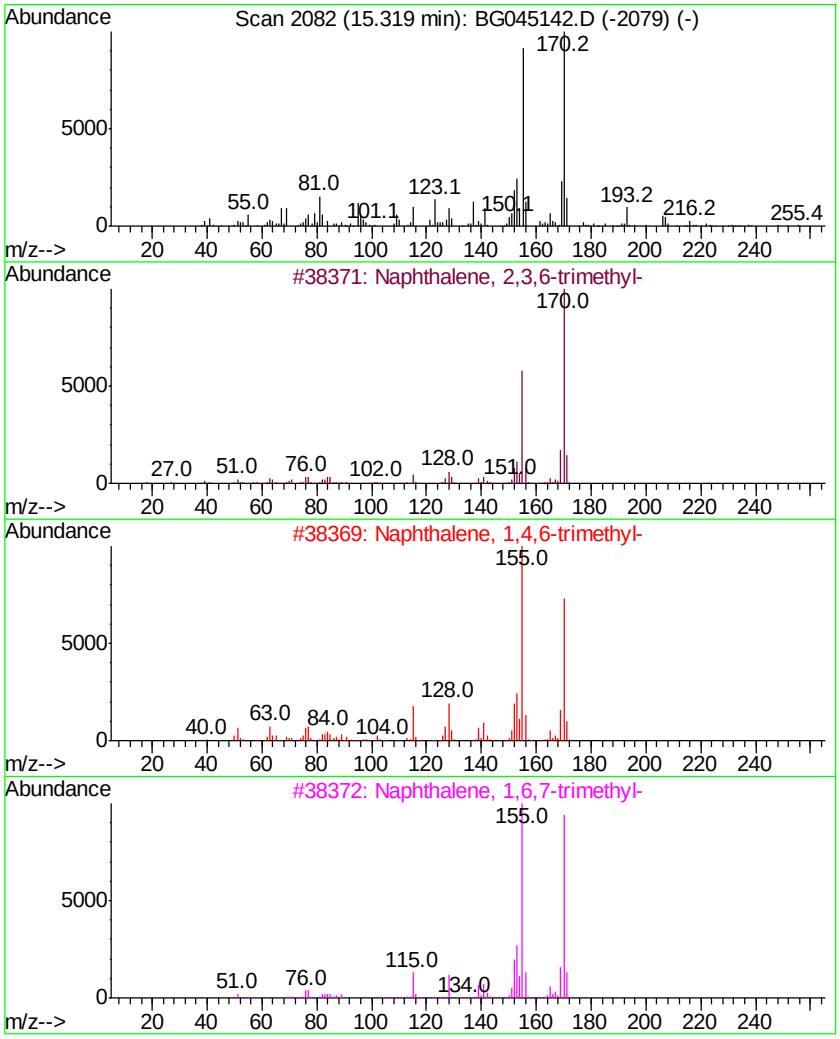
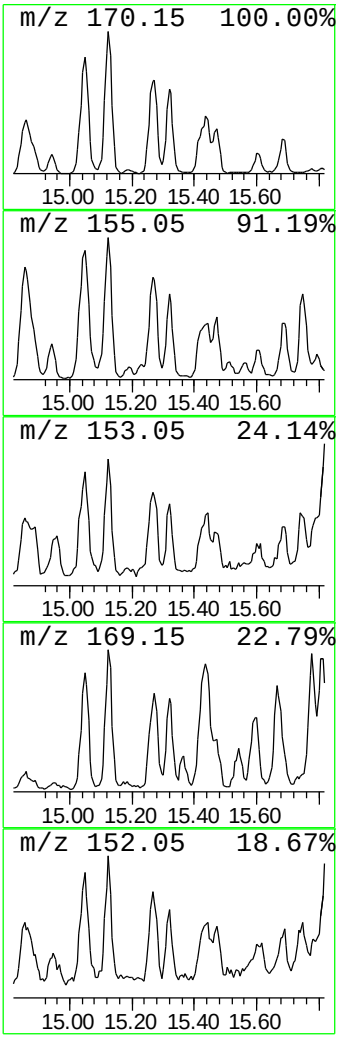
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	11.73 ng	648169	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87





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Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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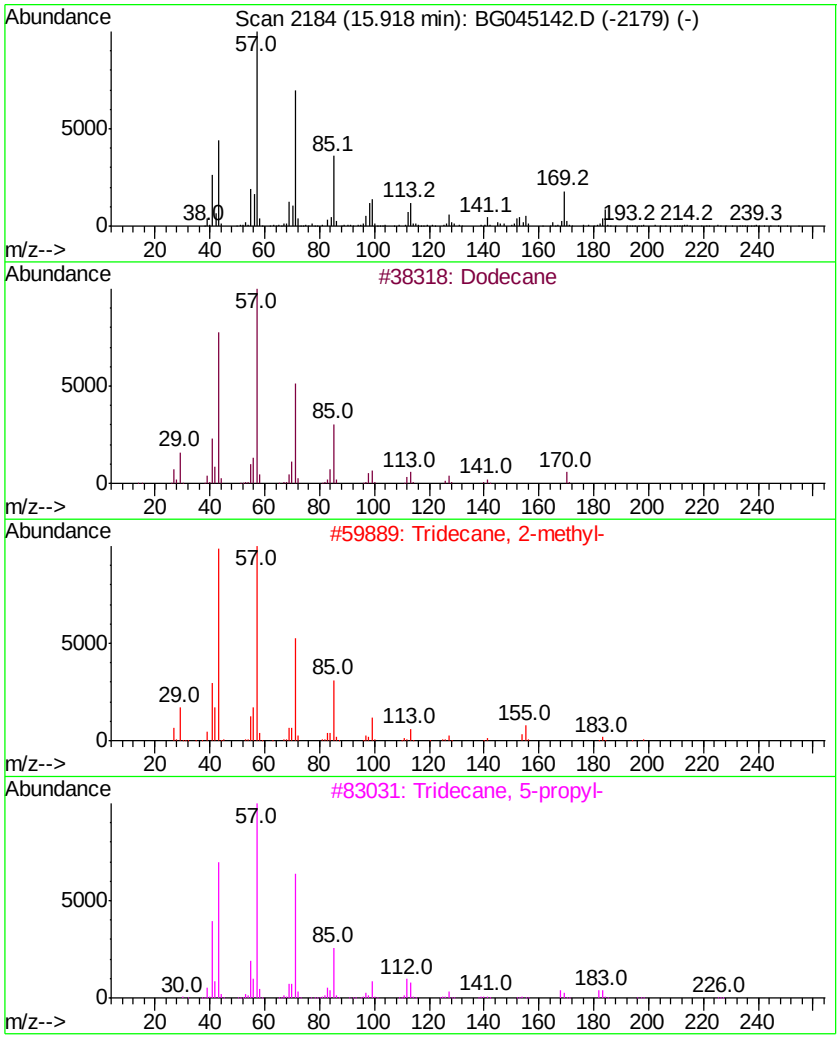
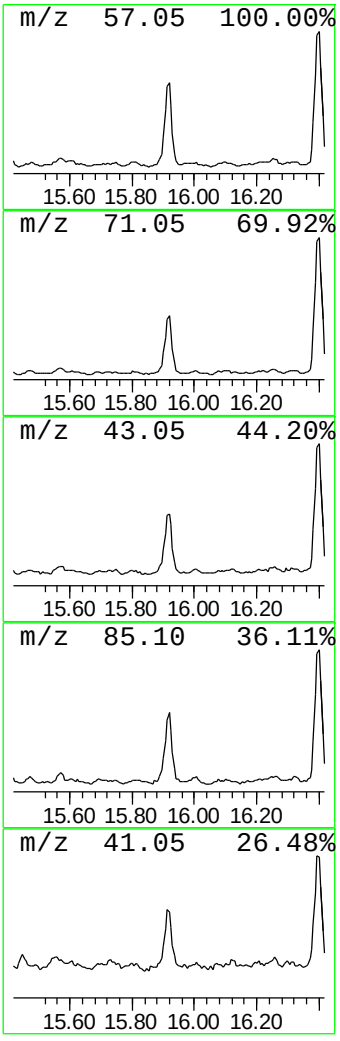
Peak Number 17 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	37.21 ng	2056210	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
5	Hexadecane	226	C16H34	000544-76-3	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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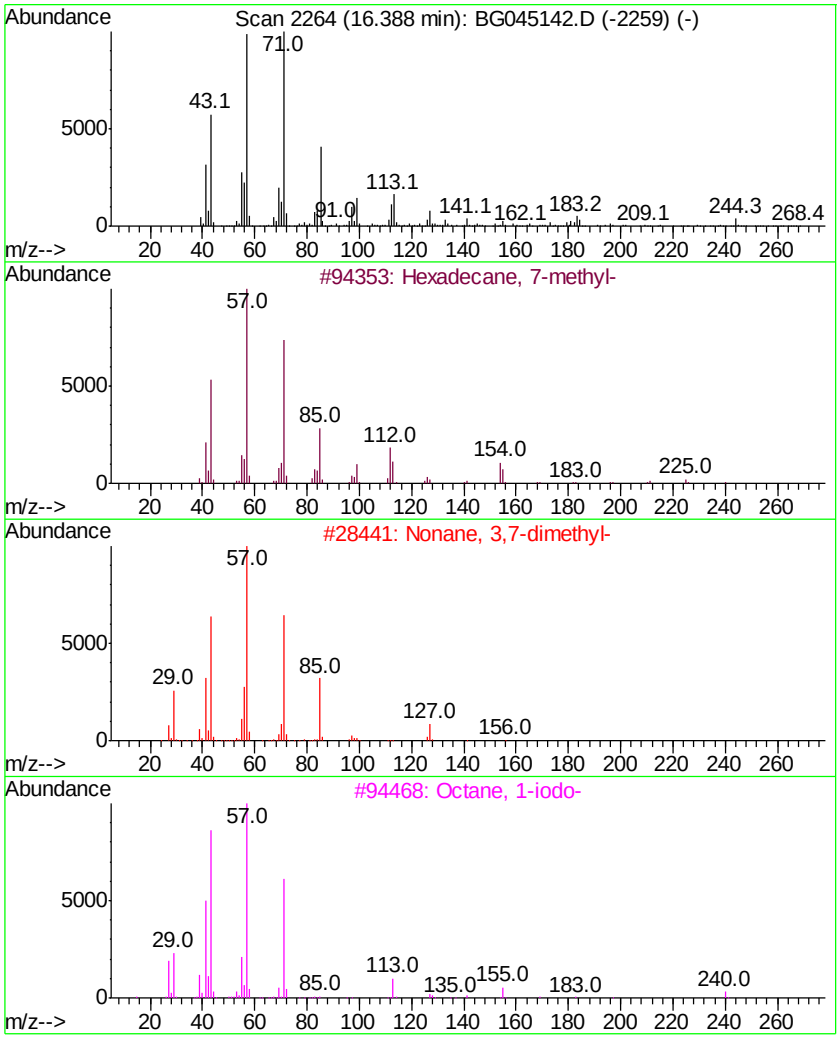
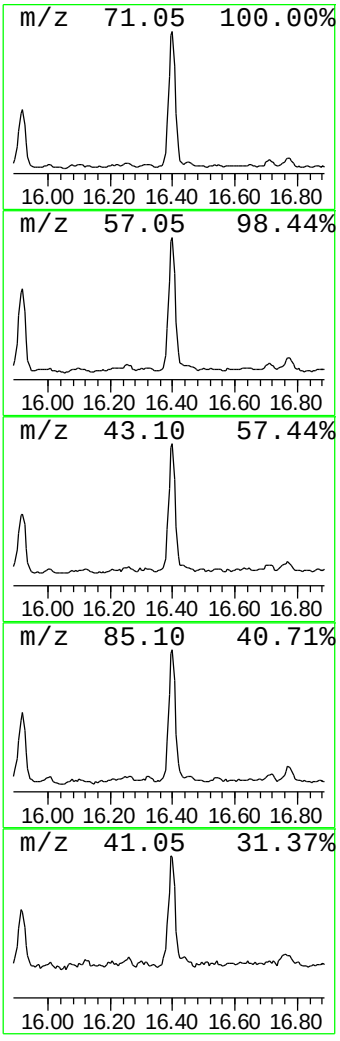
Peak Number 18 Hexadecane, 7-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	79.20 ng	3909440	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	81
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
3	Octane, 1-iodo-	240	C8H17I	000629-27-6	60
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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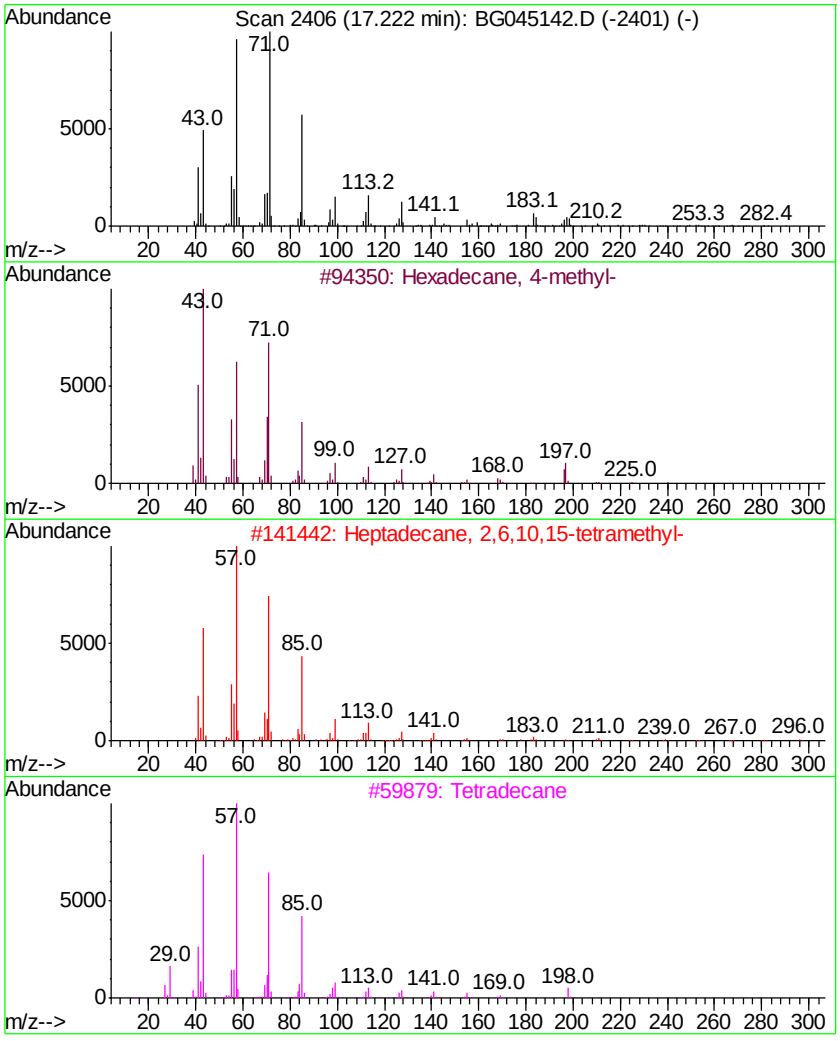
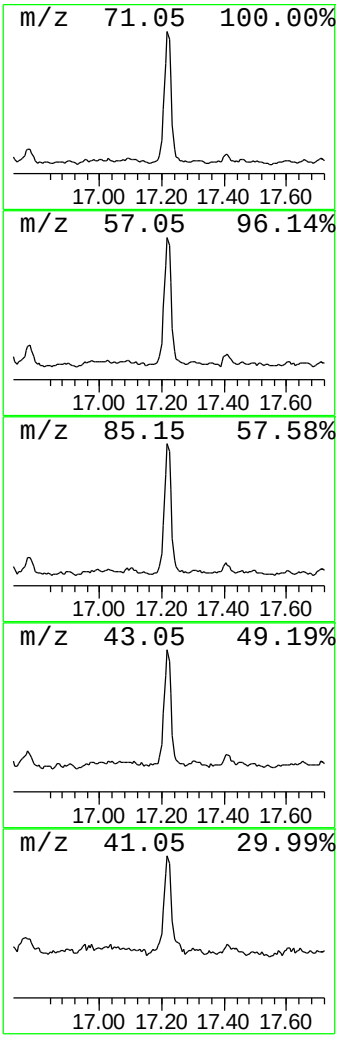
Peak Number 19 Hexadecane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	58.66 ng	2895430	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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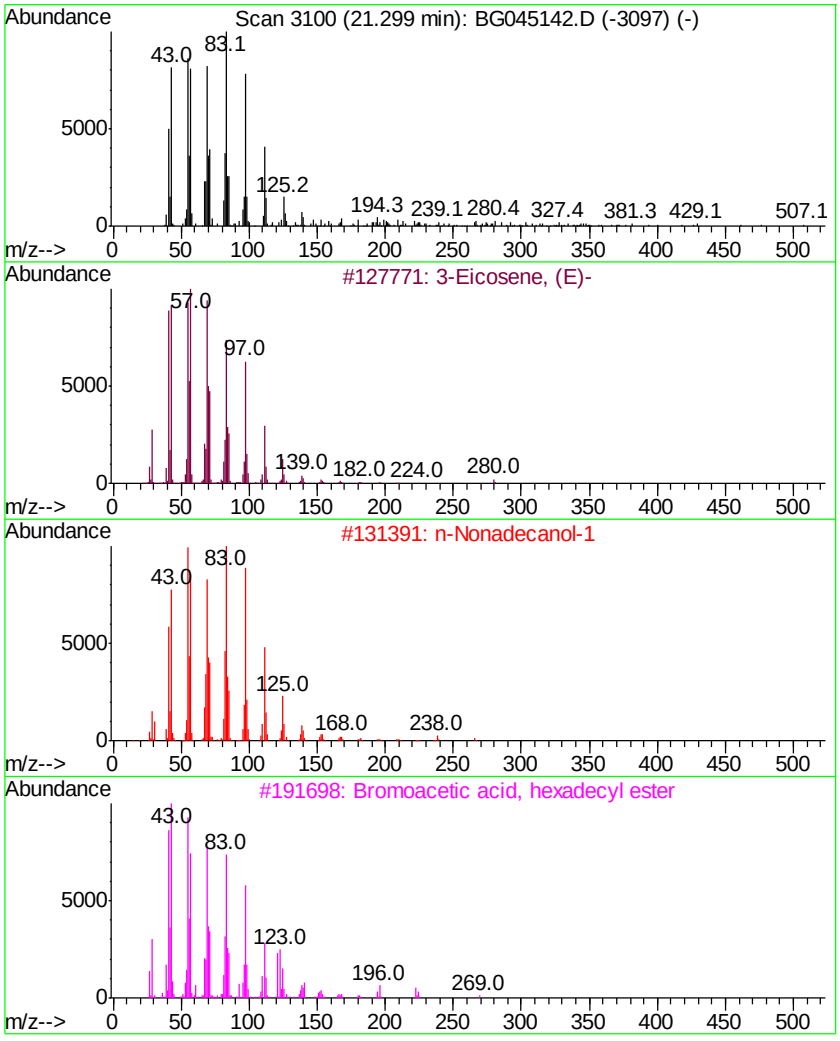
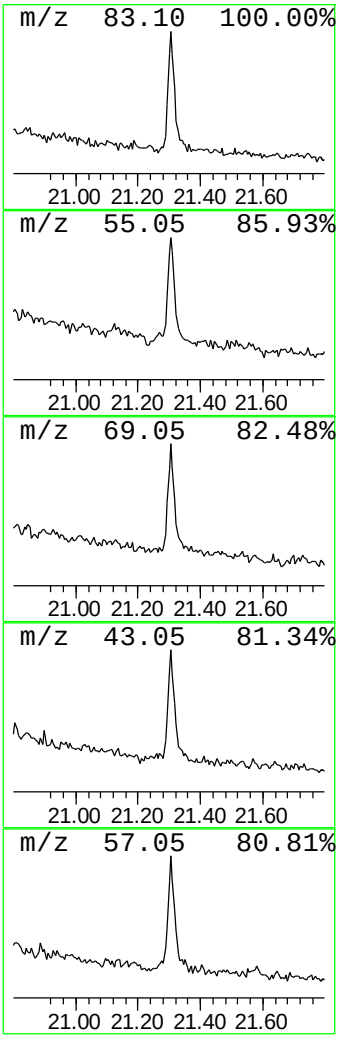
Peak Number 20 3-Eicosene, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	9.29 ng	544284	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4	1-Heptadecene	238	C17H34	006765-39-5	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown9.37	9.37	13.6	ng	505260	1	8.01	741236	20.0
Naphthalene, deca...	10.00	9.2	ng	482968	2	10.81	1052080	20.0
Undecane, 3,6-dim...	10.99	12.8	ng	673064	2	10.81	1052080	20.0
unknown11.53	11.53	17.0	ng	892634	2	10.81	1052080	20.0
Sulfurous acid, 2...	11.86	31.9	ng	1678580	2	10.81	1052080	20.0
Dodecane, 2,6,11-...	13.20	28.4	ng	1570030	3	14.65	1105070	20.0
Decahydro-4,4,8,9...	13.44	18.1	ng	1000550	3	14.65	1105070	20.0
Benzene, 1-(1-met...	13.58	9.9	ng	546390	3	14.65	1105070	20.0
Naphthalene, 2,7-...	13.81	8.7	ng	479064	3	14.65	1105070	20.0
Naphthalene, 1,3-...	13.97	18.9	ng	1041280	3	14.65	1105070	20.0
Naphthalene, 2,6-...	14.02	11.7	ng	645595	3	14.65	1105070	20.0
Heptadecane, 2,6,...	14.14	29.7	ng	1639340	3	14.65	1105070	20.0
unknown14.49	14.49	16.8	ng	928413	3	14.65	1105070	20.0
unknown15.18	15.18	14.0	ng	772710	3	14.65	1105070	20.0
Naphthalene, 2,3,...	15.32	11.7	ng	648169	3	14.65	1105070	20.0
Dodecane	15.92	37.2	ng	2056210	3	14.65	1105070	20.0
Hexadecane, 7-met...	16.39	79.2	ng	3909440	4	17.39	987256	20.0
Hexadecane, 4-met...	17.22	58.7	ng	2895430	4	17.39	987256	20.0
3-Eicosene, (E)-	21.30	9.3	ng	544284	5	21.65	1172330	20.0