LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

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-BG121218.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	4.275	195	202	211	rBV4	15647	38082	2.42%	0.145%
2	4.528	238	245	250	rBV4	17885	36135	2.30%	0.138%
3	4.669	264	269	278	rVB3	17897	40682	2.59%	0.155%
4	4.945	308	316	323	rBV	44836	86287	5.49%	0.329%
5	5.039	328	332	339	rVB	39274	68103	4.33%	0.260%
6	5.139	339	349	356	rBV3	29754	74590	4.75%	0.284%
7	5.215	356	362	367	rVV2	54330	93013	5.92%	0.355%
8	5.456	398	403	412	rVB2	42417	92858	5.91%	0.354%
9	5.609	422	429	436	rBV	417960	698542	44.46%	2.663%
10	5.826	456	466	471	rBV7	23883	53483	3.40%	0.204%
11	5.891	471	477	483	rVV6	19551	42461	2.70%	0.162%
12	5.979	487	492	499	rVV3	38909	78573	5.00%	0.300%
13	6.043	499	503	509	rVB	23841	39148	2.49%	0.149%
14	6.108	509	514	522	rVB7	19326	44252	2.82%	0.169%
15	6.296	538	546	552	rBV4	56652	169226	10.77%	0.645%
16	6.402	558	564	574	rVB2	44438	99172	6.31%	0.378%
17	6.496	574	580	582	rBV	46966	76104	4.84%	0.290%
18	6.566	588	592	598	rVB	129675	207590	13.21%	0.791%
19	6.672	603	610	620	rVV6	41903	122074	7.77%	0.465%
20	6.772	624	627	632	rVB4	27007	42043	2.68%	0.160%
21	6.843	633	639	644	rBV6	28949	52029	3.31%	0.198%
22	6.890	644	647	655	rBV5	19071	38223	2.43%	0.146%
23	7.007	657	667	674	rBV8	27228	66603	4.24%	0.254%
24	7.119	682	686	690	rBV3	23012	36856	2.35%	0.140%
25	7.213	690	702	711	rVV	435181	986955	62.82%	3.762%
26	7.354	721	726	732	rVB5	28182	54814	3.49%	0.209%
27	7.530	750	756	759	rBV6	25996	55021	3.50%	0.210%
28	7.589	759	766	772	rVV	401859	712443	45.35%	2.716%
29	7.648	772	776	784	rVB2	34008	71656	4.56%	0.273%
30	7.753	789	794	798	rVB3	29078	44133	2.81%	0.168%
31	7.806	798	803	808	rBV2	66718	112899	7.19%	0.430%
32	7.906	814	820	823	rBV4	39788	82247	5.24%	0.314%
33	7.994	831	835	840	rVB	121711	192625	12.26%	0.734%
34	8.059	840	846	858	rVB3	105065	286008	18.20%	1.090%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

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-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.165	859	864	867	rBV5	18933	38354	2.44%	0.146%
36	8.206	867	871	877	rBV2	75067	124934	7.95%	0.476%
37	8.276	878	883	887	rBV2	53159	83689	5.33%	0.319%
38	8.382	893	901	907	rVB2	306187	626284	39.86%	2.387%
39	8.447	907	912	915	rBV4	20453	37511	2.39%	0.143%
40	8.541	922	928	932	rBV5	50639	110124	7.01%	0.420%
41	8.599	934	938	947	rVB7	45435	115908	7.38%	0.442%
42	8.881	980	986	991	rBV4	72820	160991	10.25%	0.614%
43	9.140	1019	1030	1036	rBV6	55118	188947	12.03%	0.720%
44	9.234	1040	1046	1054	rVB	277734	506195	32.22%	1.930%
45	9.381	1061	1071	1078	rBV	62751	222281	14.15%	0.847%
46	9.451	1079	1083	1085	rVV5	22697	42013	2.67%	0.160%
47	9.504	1086	1092	1100	rVB4	58599	139357	8.87%	0.531%
48	9.675	1116	1121	1127	rVB4	94295	176610	11.24%	0.673%
49	9.780	1127	1139	1147	rVB9	71215	231430	14.73%	0.882%
50	9.933	1162	1165	1175	rVB3	70546	137093	8.73%	0.523%
51	10.039	1178	1183	1192	rVV6	83059	244092	15.54%	0.930%
52	10.127	1196	1198	1213	rVB7	87472	204777	13.03%	0.781%
53	10.427	1243	1249	1255	rVB8	27405	60420	3.85%	0.230%
54	10.556	1266	1271	1278	rVB3	68978	135423	8.62%	0.516%
55	10.626	1278	1283	1287	rBV6	29174	58383	3.72%	0.223%
56	10.879	1321	1326	1337	rVB2	142350	379668	24.17%	1.447%
57	10.985	1338	1344	1350	rVB2	209746	413933	26.35%	1.578%
58	11.067	1351	1358	1363	rBV5	91246	208606	13.28%	0.795%
59	11.226	1381	1385	1388	rBV5	22163	37573	2.39%	0.143%
60	11.279	1391	1394	1398	rVV5	26476	44557	2.84%	0.170%
61	11.337	1400	1404	1409	rVB7	51709	95005	6.05%	0.362%
62	11.461	1421	1425	1434	rVB8	33946	59447	3.78%	0.227%
63	11.549	1435	1440	1445	rBV5	59241	119224	7.59%	0.454%
64	11.631	1449	1454	1457	rBV3	37650	67176	4.28%	0.256%
65	11.754	1470	1475	1483	rBV9	33808	85109	5.42%	0.324%
66	11.848	1483	1491	1495	rBV3	88164	152995	9.74%	0.583%
67	11.901	1495	1500	1504	rBV6	24986	53650	3.41%	0.205%
68	12.066	1523	1528	1531	rBV2	32484	62096	3.95%	0.237%
69	13.182	1715	1718	1724	rBV3	27947	50011	3.18%	0.191%
70	13.317	1734	1741	1749	rVB	652033	1054717	67.13%	4.021%
71	14.134	1876	1880	1886	rVB2	64967	104415	6.65%	0.398%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

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-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.692	1969	1975	1982	rBV2	215993	374976	23.87%	1.429%
73	15.074	2037	2040	2049	rVB8	29824	61033	3.88%	0.233%
74	15.338	2063	2085	2087	rBV	377307	1332354	84.81%	5.079%
75	15.897	2174	2180	2185	rVB2	23754	42773	2.72%	0.163%
76	16.185	2222	2229	2235	rBV	626042	965041	61.43%	3.679%
77	16.378	2257	2262	2274	rVB	50416	93095	5.93%	0.355%
78	17.201	2398	2402	2406	rVB	36431	48712	3.10%	0.186%
79	17.442	2437	2443	2449	rBV	289524	446367	28.41%	1.702%
80	17.800	2500	2504	2511	rVB4	20392	40988	2.61%	0.156%
81	18.200	2563	2572	2582	rBV2	246931	626377	39.87%	2.388%
82	18.300	2584	2589	2599	rBV2	222403	359017	22.85%	1.369%
83	19.492	2789	2792	2796	rBV	62005	79692	5.07%	0.304%
84	19.569	2801	2805	2820	rVV2	72437	199825	12.72%	0.762%
85	19.698	2822	2827	2834	rVV	198261	374272	23.82%	1.427%
86	19.786	2836	2842	2850	rVV	334109	647466	41.21%	2.468%
87	19.857	2850	2854	2859	rVB	81355	122410	7.79%	0.467%
88	20.045	2880	2886	2891	rBV	1160957	1557625	99.14%	5.938%
89	20.315	2929	2932	2935	rBV3	36668	46715	2.97%	0.178%
90	20.456	2951	2956	2961	rBV	207894	358309	22.81%	1.366%
91	21.161	3070	3076	3083	rVB	265413	496224	31.59%	1.892%
92	21.320	3099	3103	3113	rVB4	97568	172539	10.98%	0.658%
93	21.425	3118	3121	3129	rVB	73891	107081	6.82%	0.408%
94	21.719	3165	3171	3177	rBV	298445	508350	32.36%	1.938%
95	21.925	3197	3206	3220	rVB3	504345	1571060	100.00%	5.989%
96	22.800	3348	3355	3362	rBV	356296	739354	47.06%	2.818%
97	23.823	3521	3529	3539	rVB	324003	833429	53.05%	3.177%
98	25.009	3722	3731	3743	rVB3	430834	1344223	85.56%	5.124%
99	26.414	3961	3970	3987	rVB3	175914	678784	43.21%	2.587%
100	28.106	4248	4258	4271	rVB4	89451	377315	24.02%	1.438%

Sum of corrected areas: 26233334

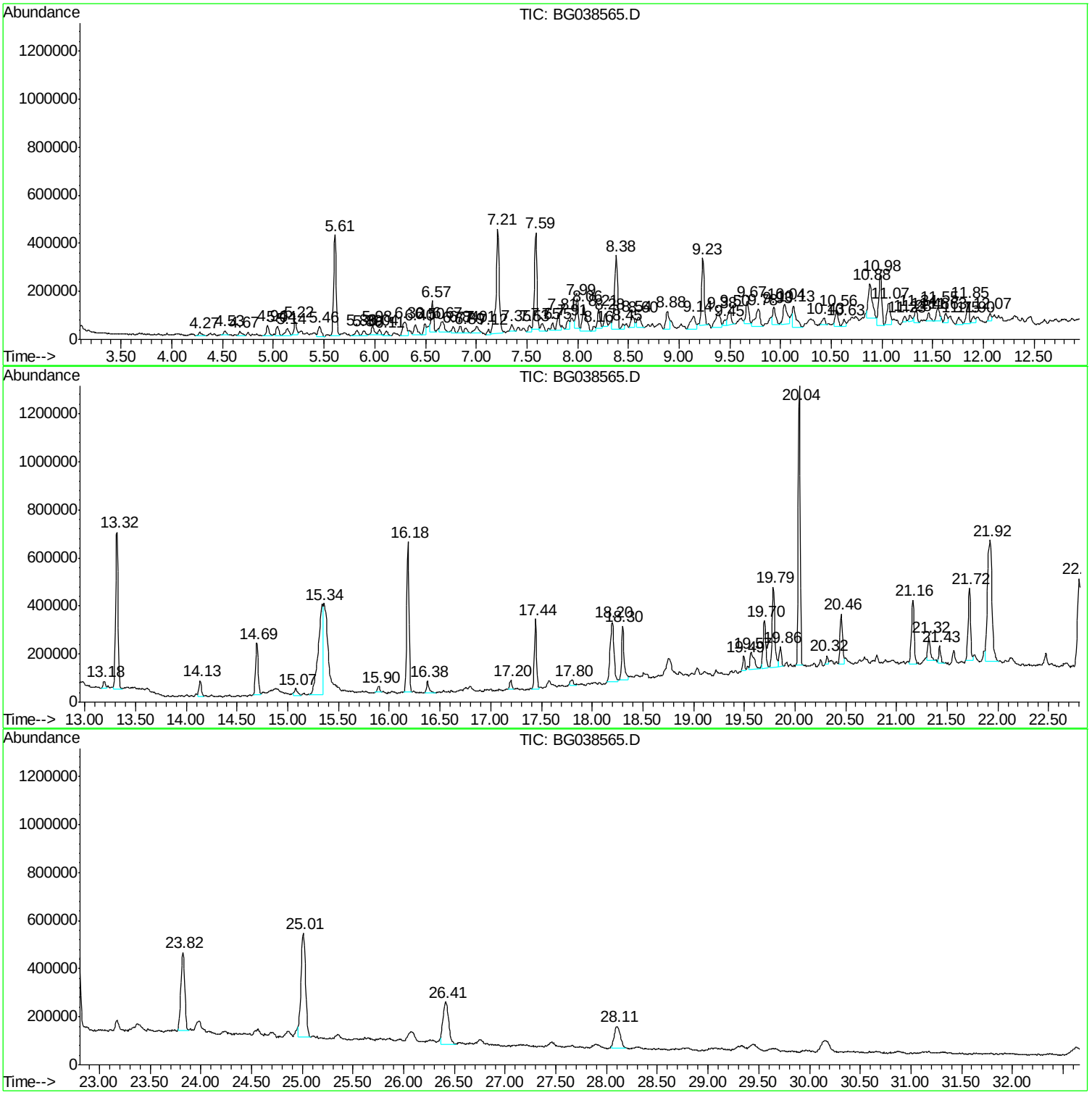
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

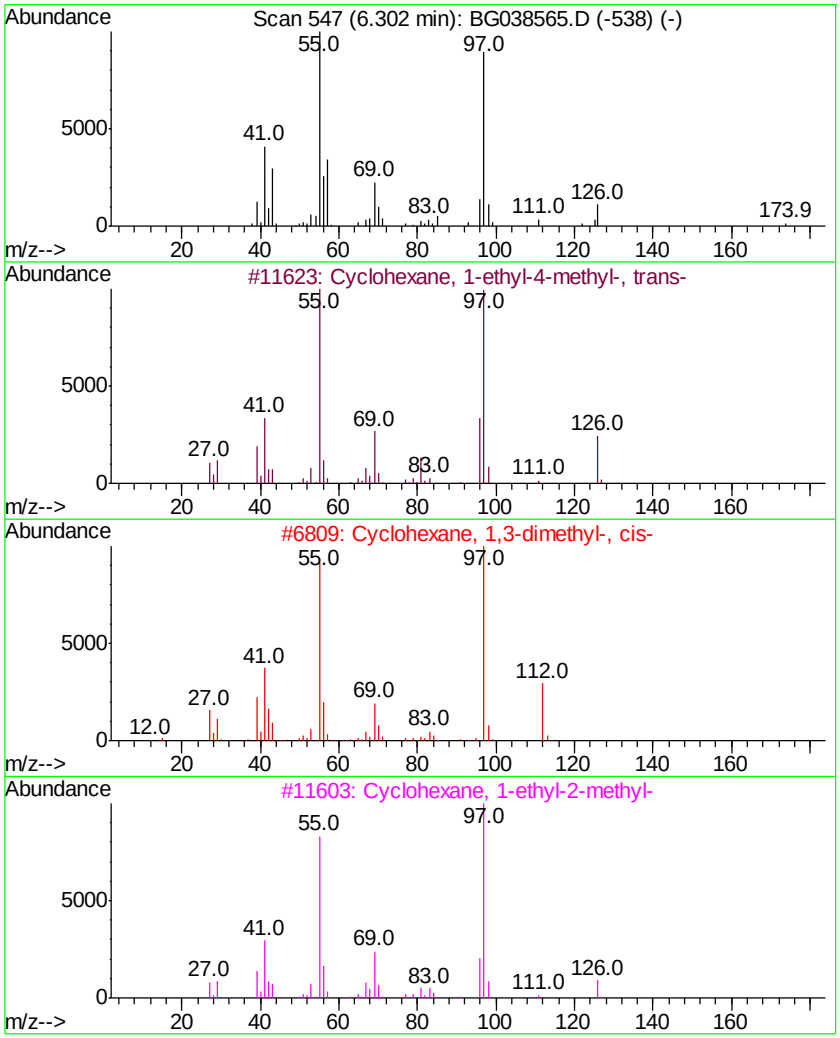
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

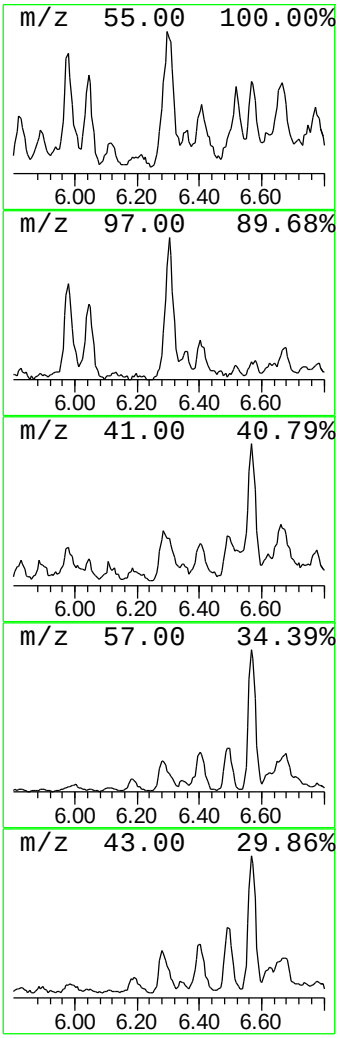
****

Peak Number 1 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	11.83 ng	169226	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	47
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

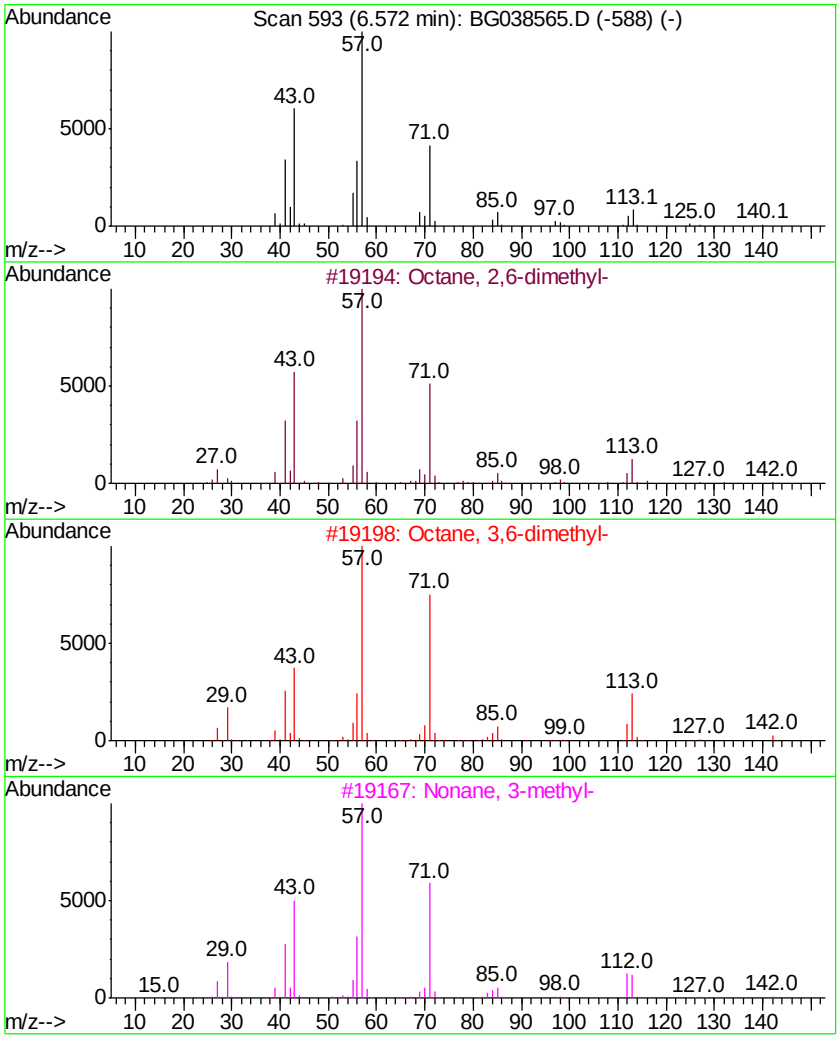
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

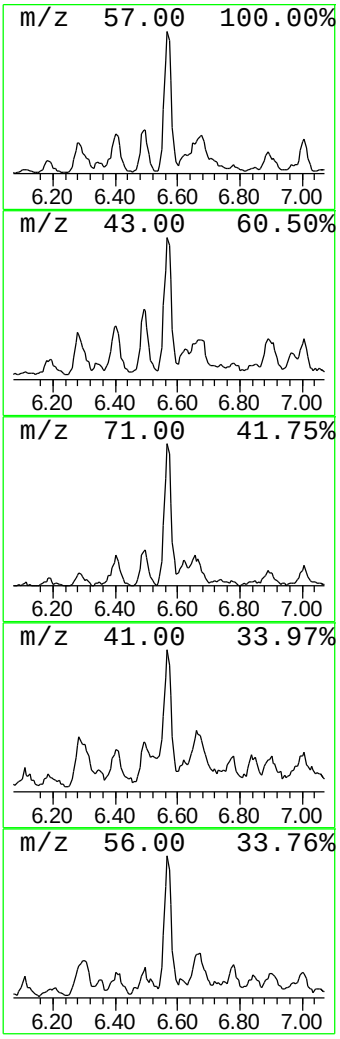
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	14.52 ng	207590	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

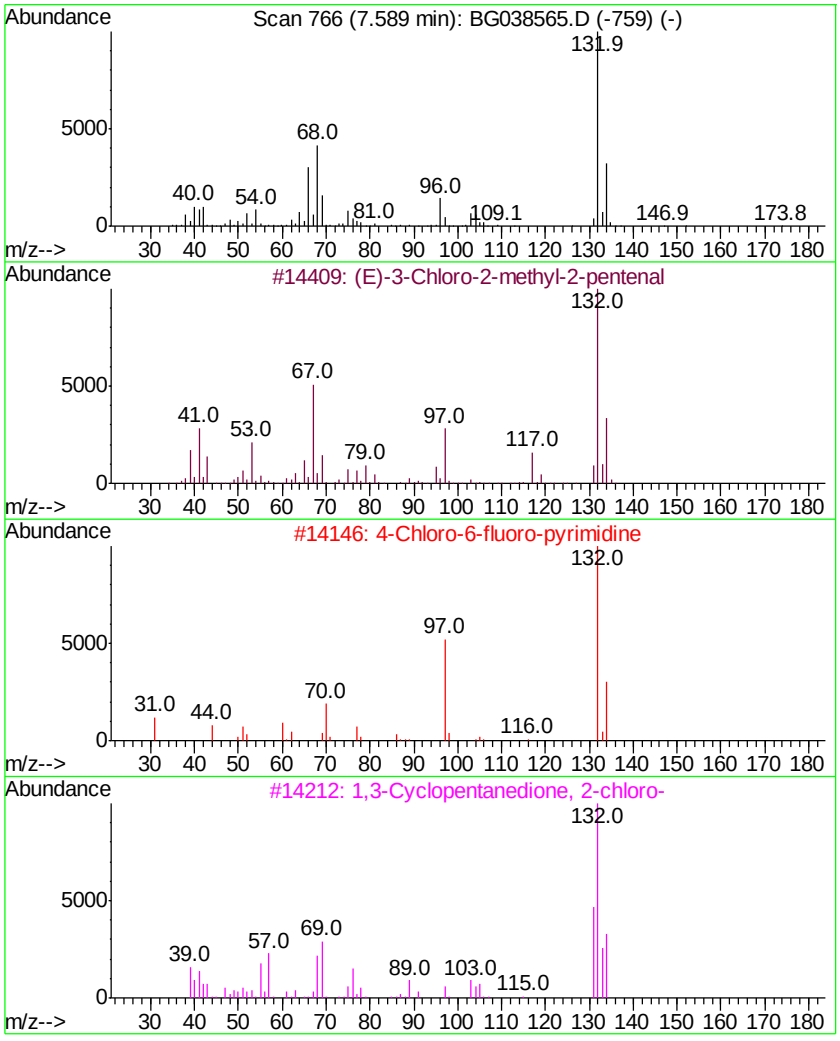
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

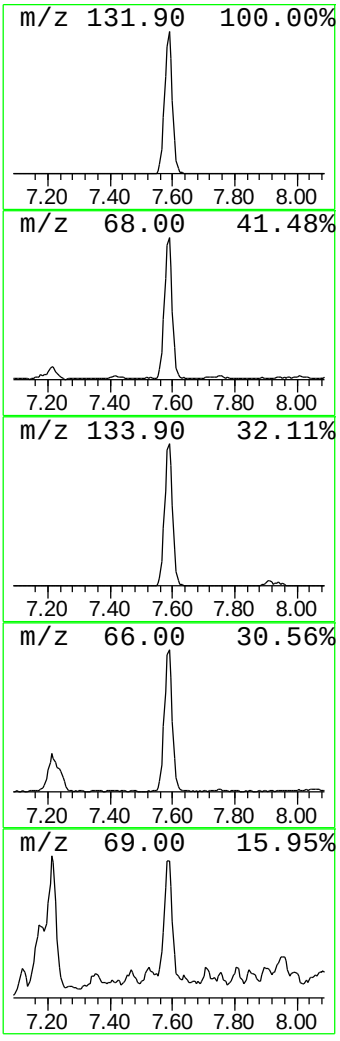
****

Peak Number 3 unknown7.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	49.82 ng	712443	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

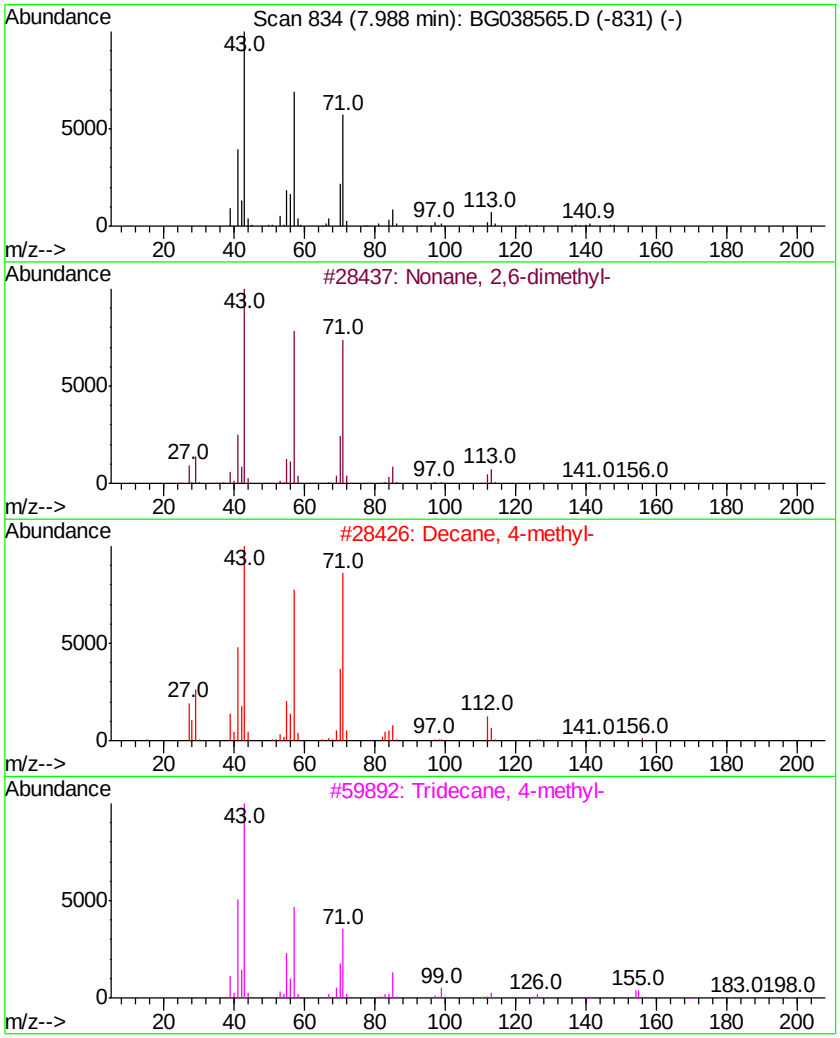
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

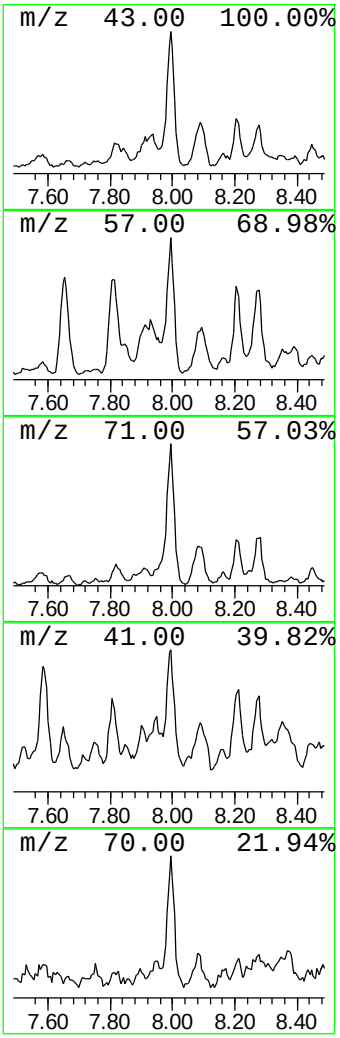
****

Peak Number 4 Nonane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	13.47 ng	192625	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	90
2	Decane, 4-methyl-	156	C11H24	002847-72-5	78
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	78
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	64
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

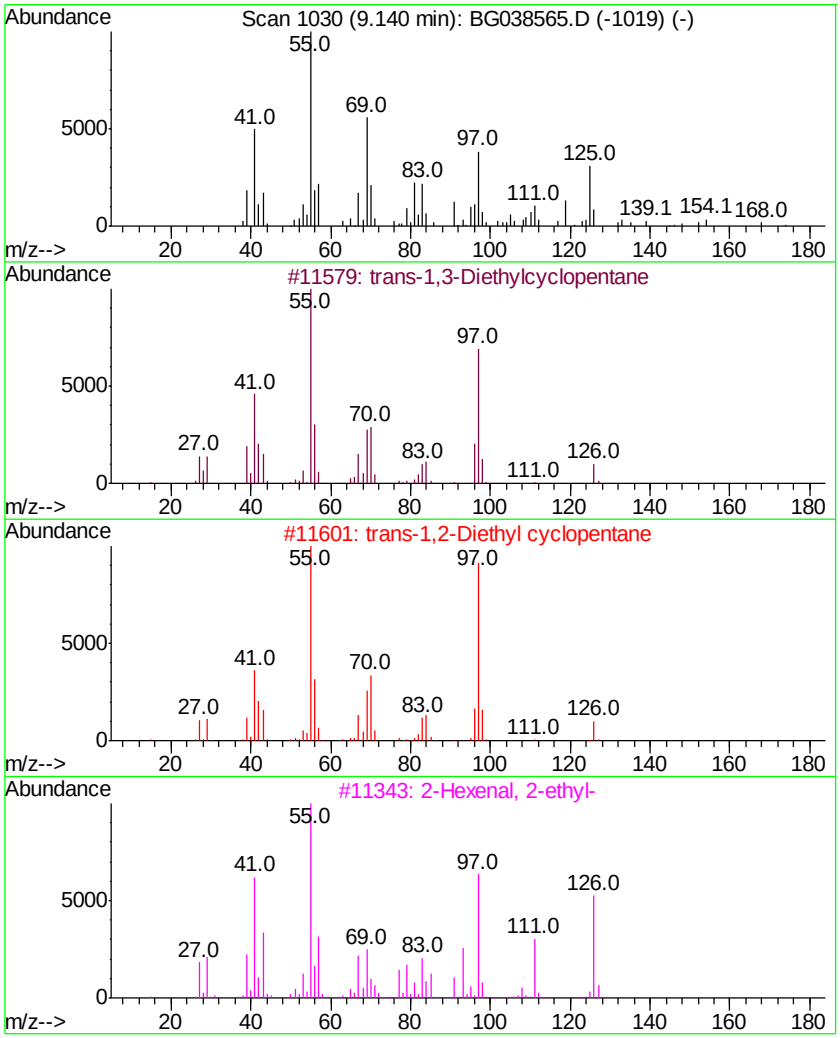
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

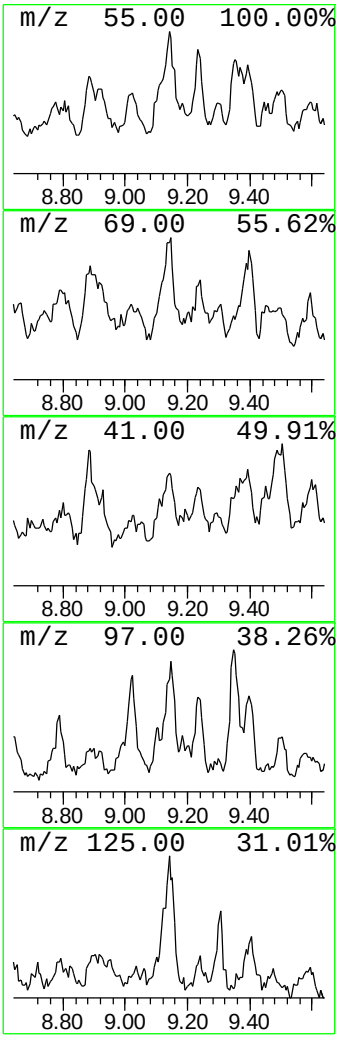
****

Peak Number 6 trans-1,3-Diethylcyclopentane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	13.21 ng	188947	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	50
2	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	43
3	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	38
4	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	35
5	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	35





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Operator : JU/SJ
Sample : J6329-01
Misc :
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Instrument : BNA_G
ClientSampleId : 071-PIPE-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

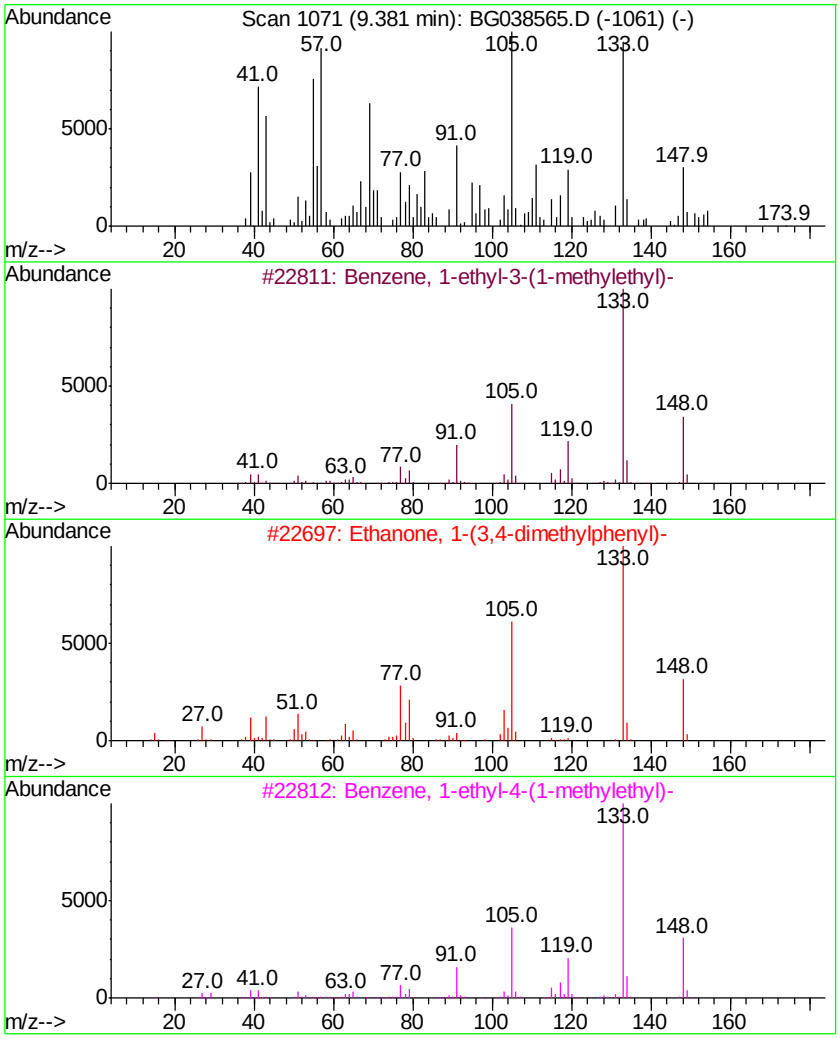
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

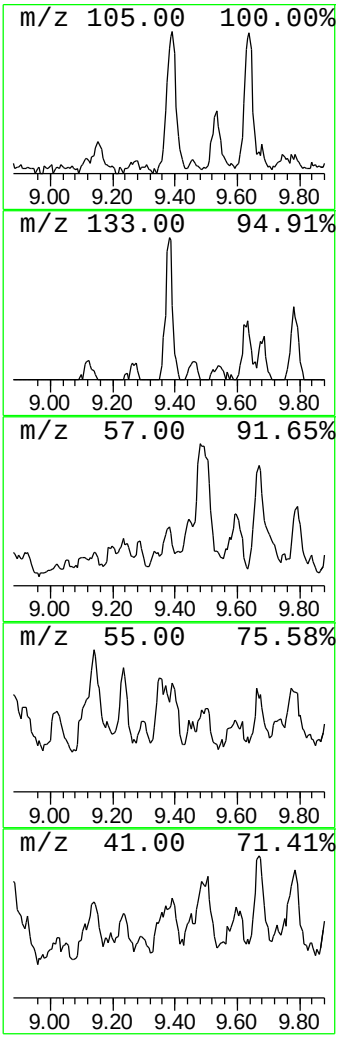
****

Peak Number 7 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	15.54 ng	222281	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	93
2	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	86
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
4	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	60
5	Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	60





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Operator : JU/SJ
Sample : J6329-01
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Instrument : BNA_G
ClientSampleId : 071-PIPE-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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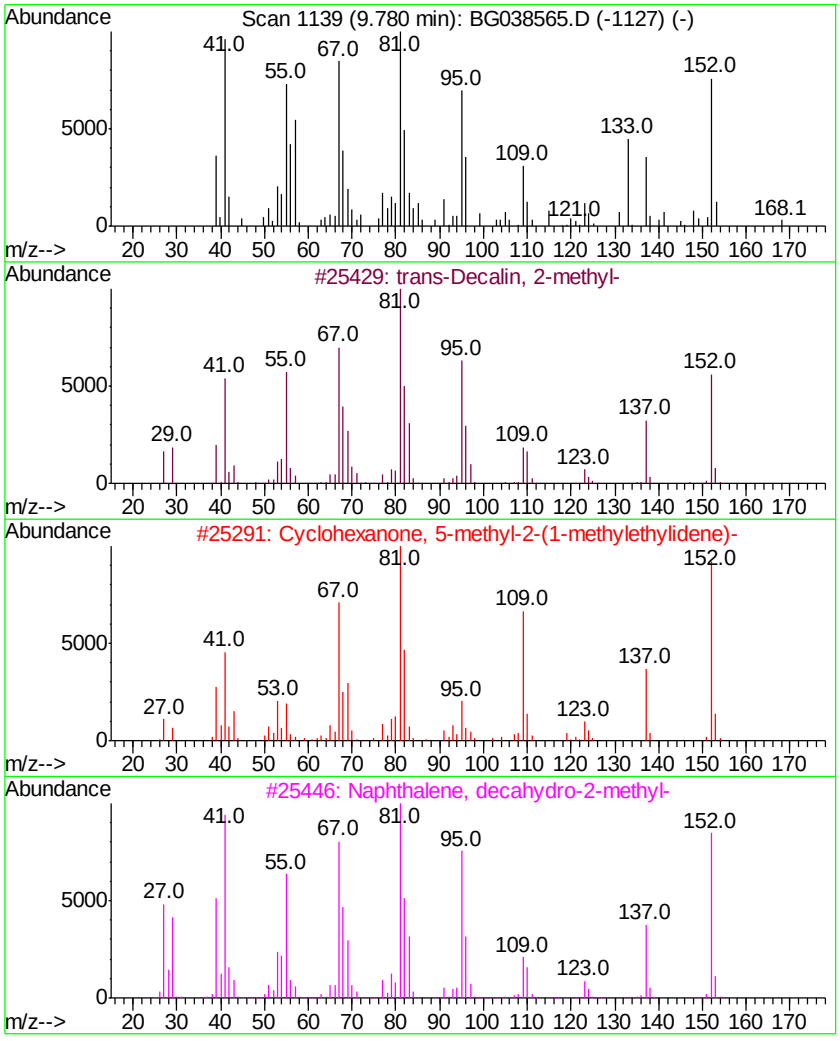
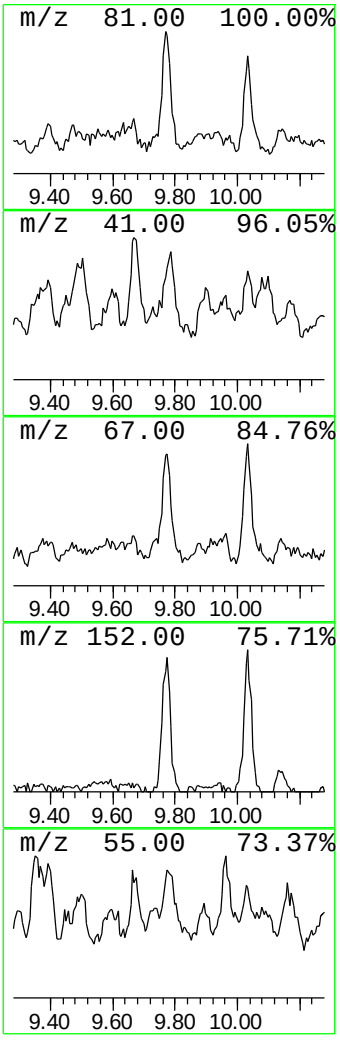
Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	12.19 ng	231430	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	92
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
4	Pulegone	152	C10H16O	000089-82-7	86
5	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	68





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Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

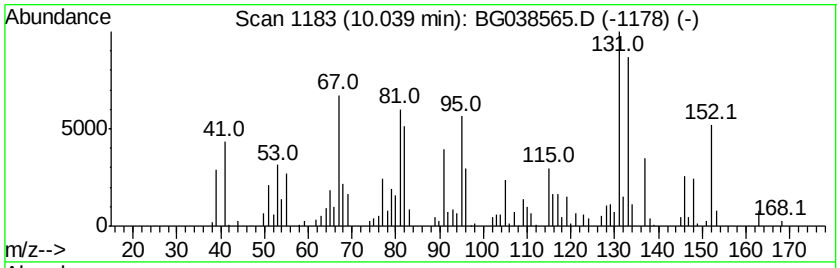
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

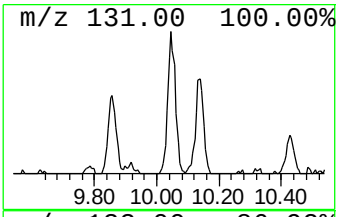
****

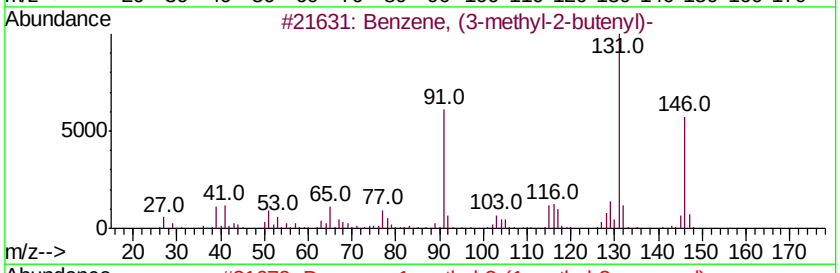
Peak Number 9 Benzene, (3-methyl-2-butenyl)- Concentration Rank 17

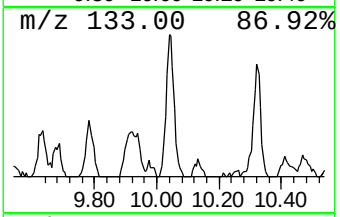
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	12.86 ng	244092	Naphthalene-d8	10.88

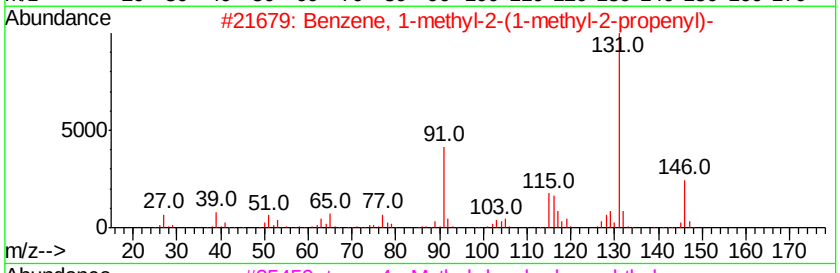
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	53
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	46
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	30
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	25

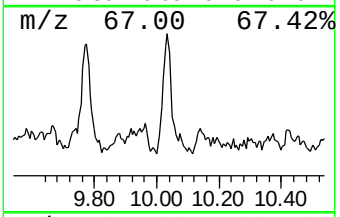


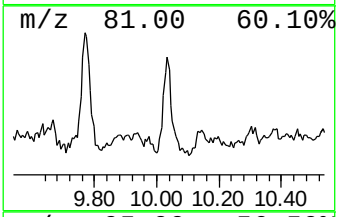


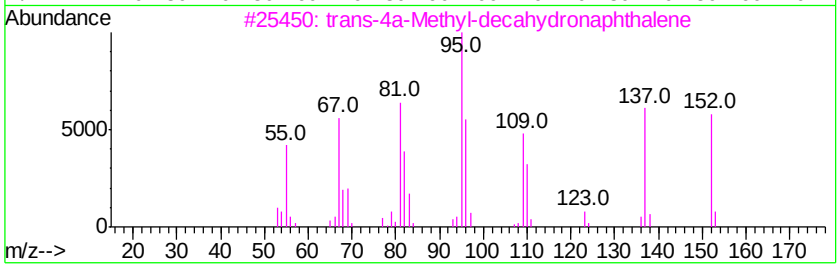


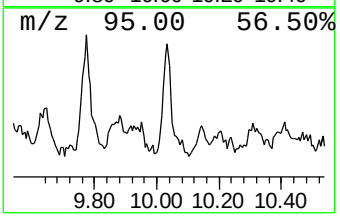












Library Search Compound Report

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Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

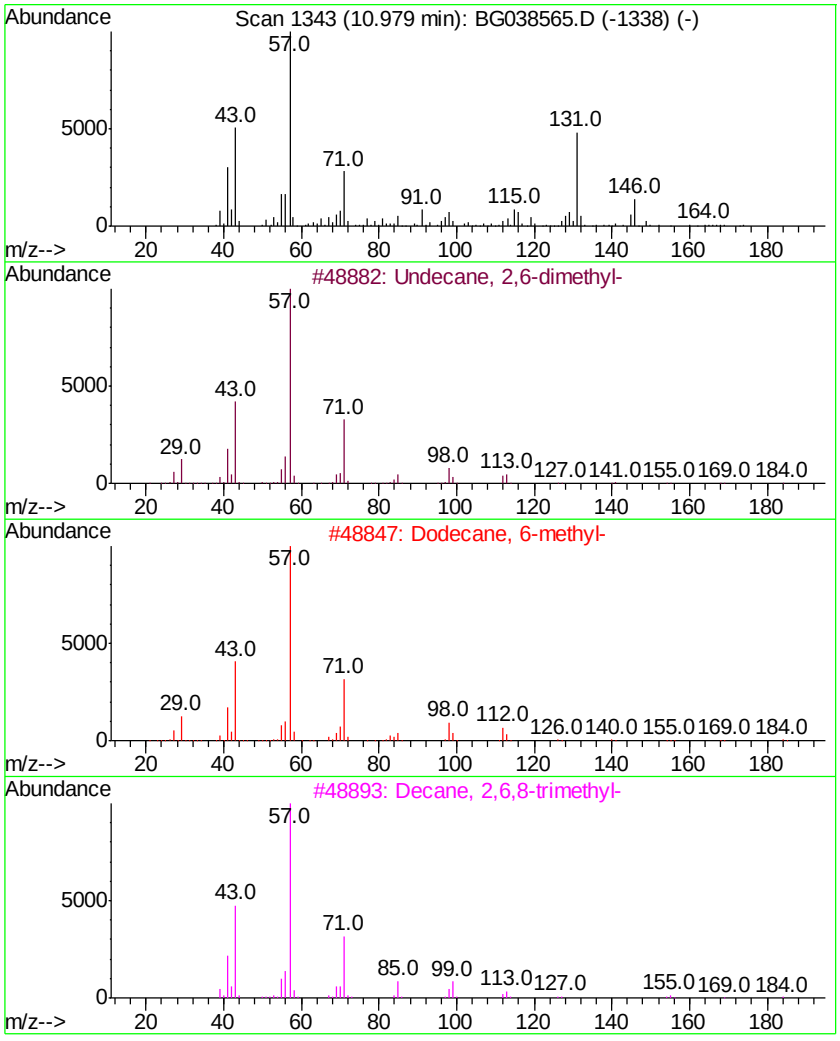
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

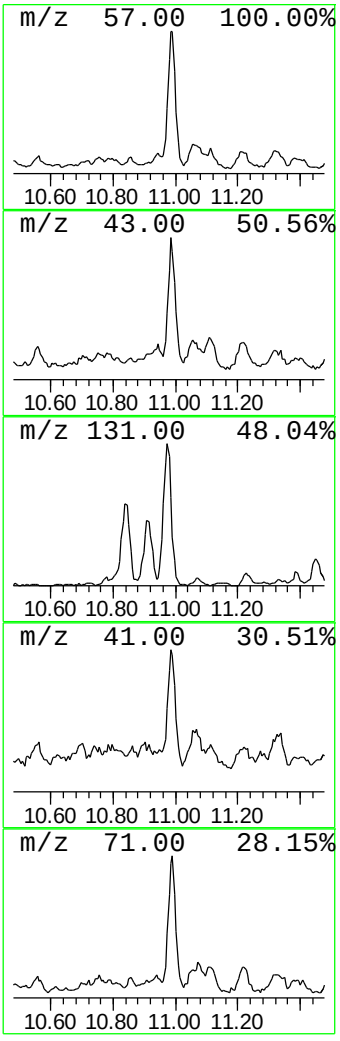
****

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	21.81 ng	413933	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	49
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	38





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Sample : J6329-01
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Instrument : BNA_G
ClientSampleId : 071-PIPE-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

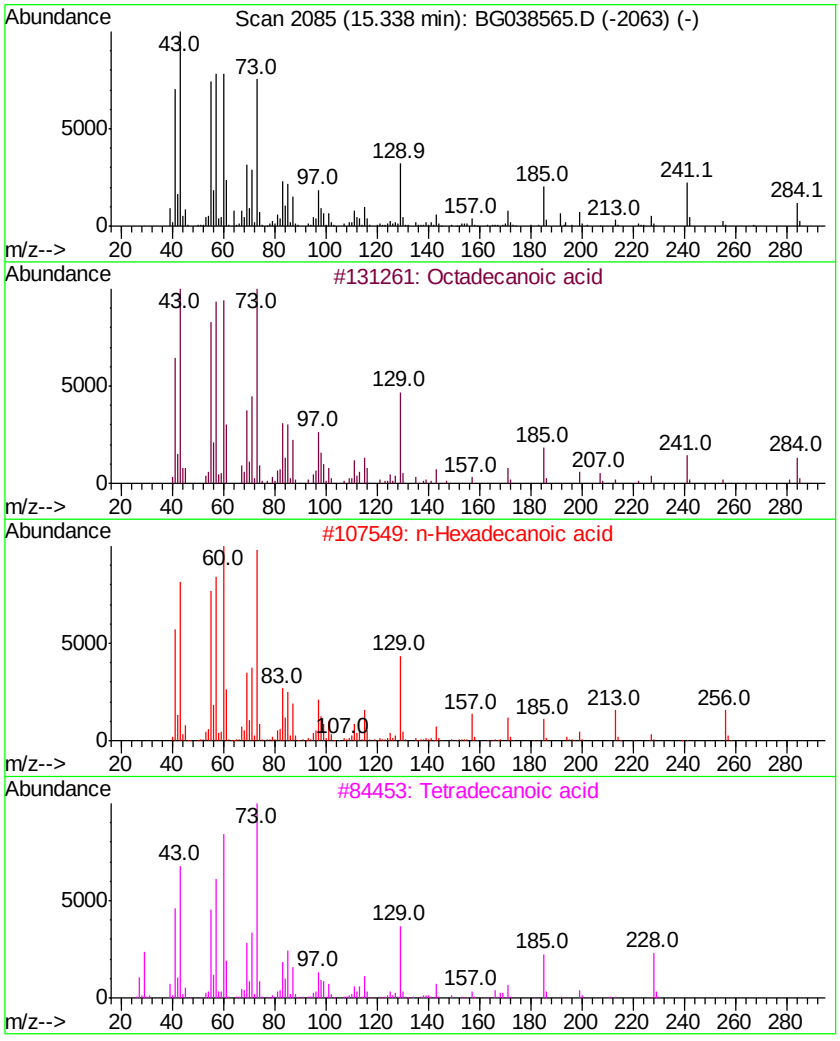
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

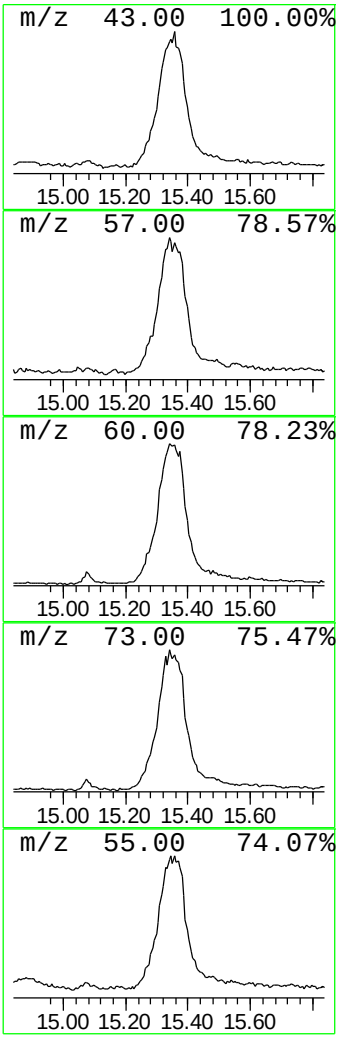
****

Peak Number 11 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	71.06 ng	1332350	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





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Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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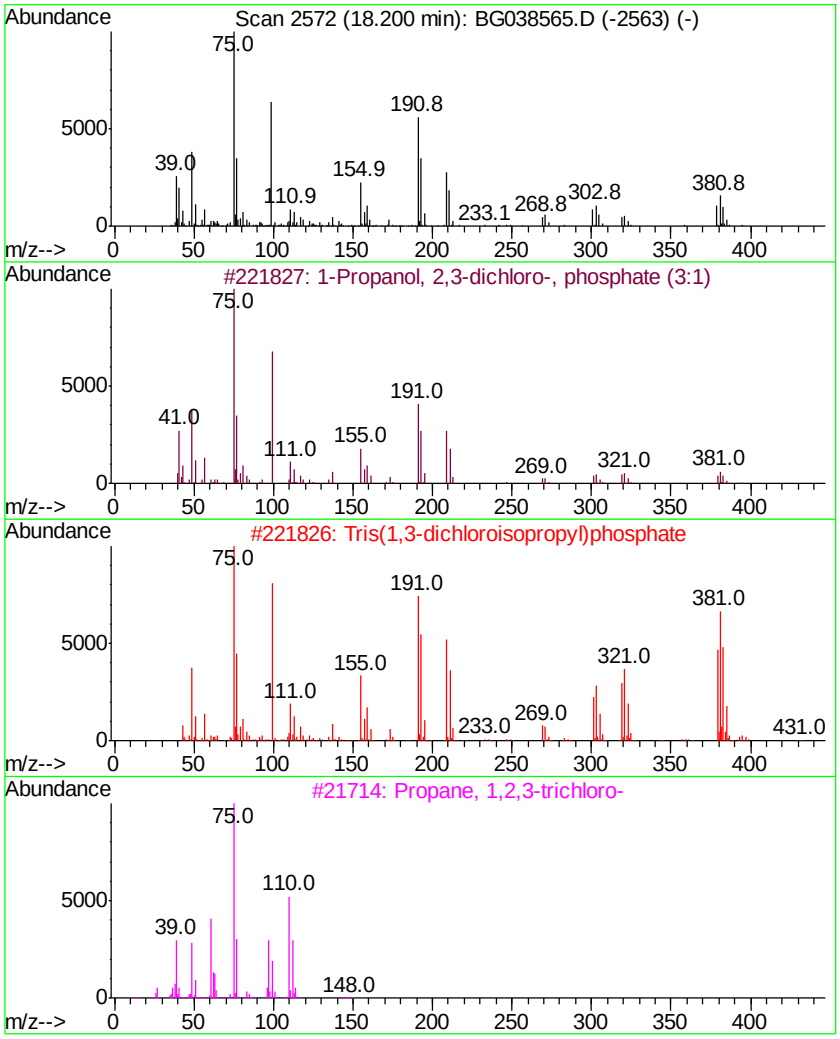
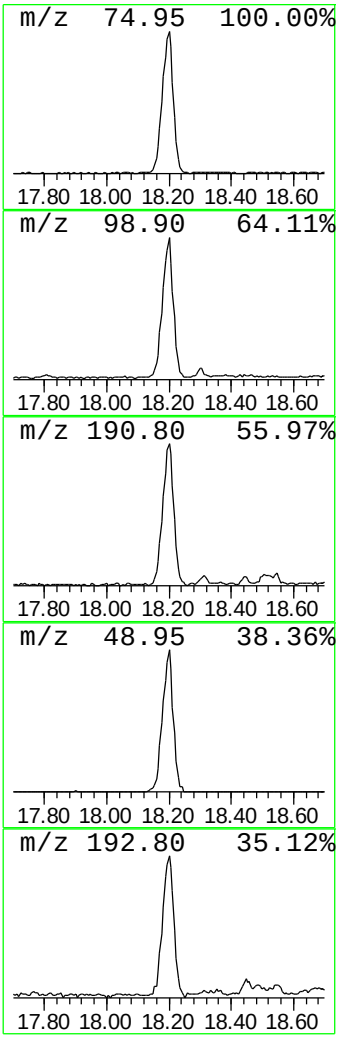
Peak Number 12 1-Propanol, 2,3-dichloro-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	28.07 ng	626377	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2,3-dichloro-, phosp...	428	C9H15Cl6O4P	000078-43-3	91
2	Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	90
3	Propane, 1,2,3-trichloro-	146	C3H5Cl3	000096-18-4	25
4	Propane, 2,2'-oxybis[1,3-dichloro-	238	C6H10Cl4O	059440-89-0	17
5	1-Propene, 1,3-dichloro-, (E)-	110	C3H4Cl2	010061-02-6	16





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Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId : 071-PIPE-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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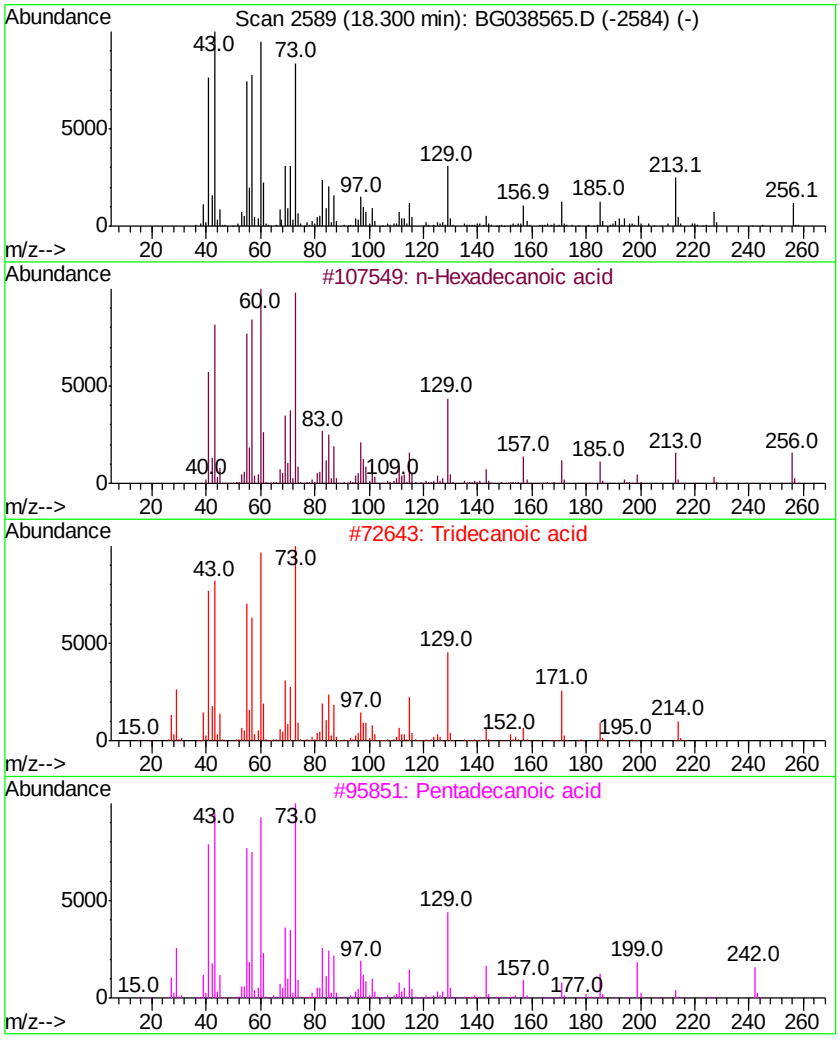
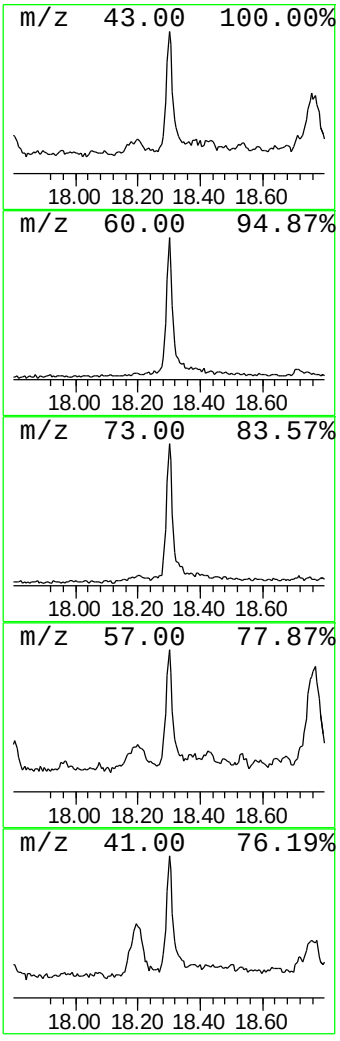
Peak Number 13 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	16.09 ng	359017	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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Misc :
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Instrument : BNA_G
ClientSampleId : 071-PIPE-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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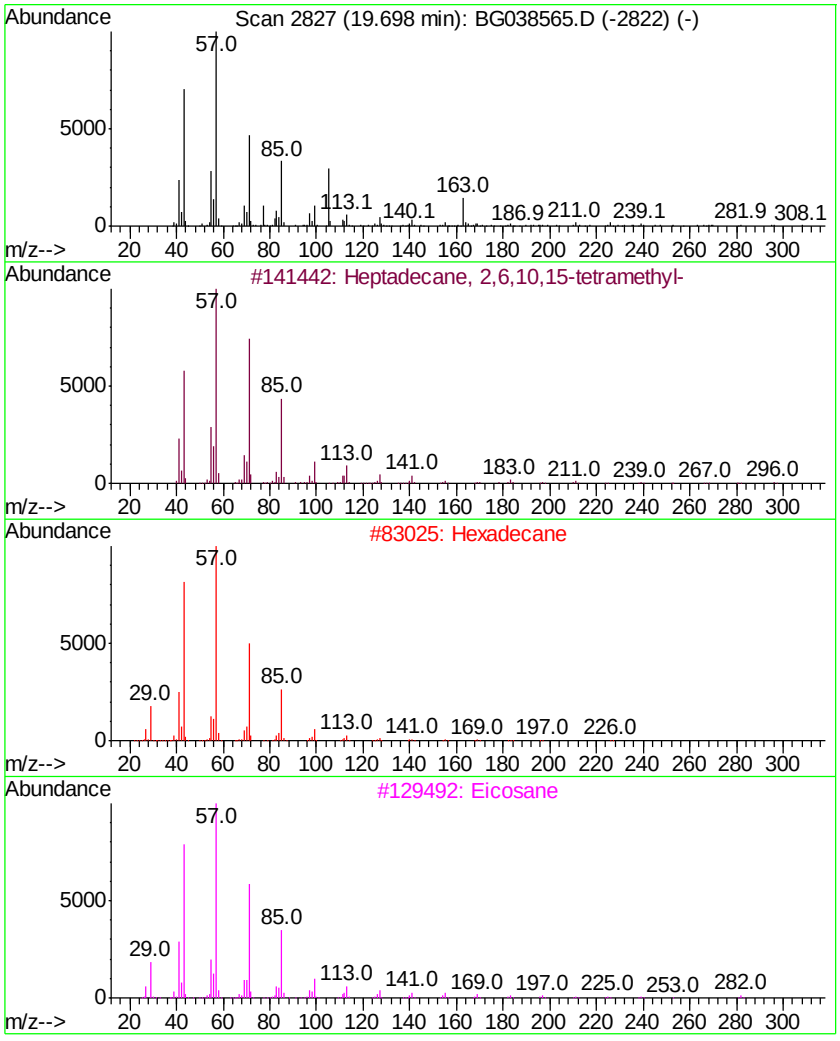
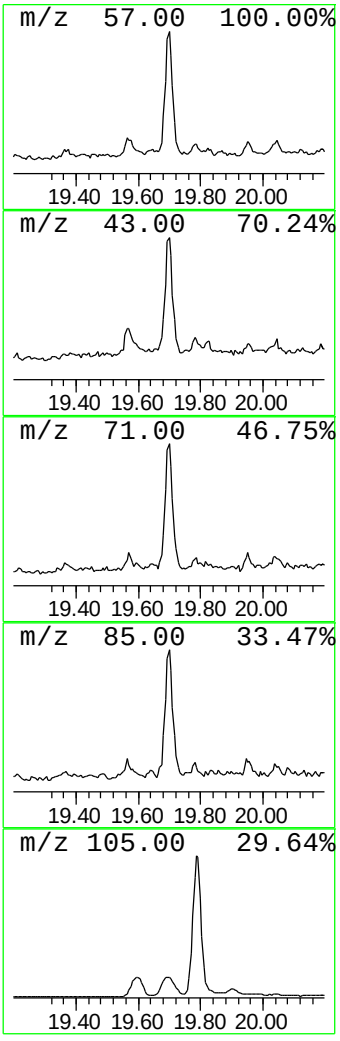
Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	14.73 ng	374272	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	97
2	Hexadecane	226	C16H34	000544-76-3	96
3	Eicosane	282	C20H42	000112-95-8	89
4	Heptacosane	380	C27H56	000593-49-7	76
5	Nonadecane	268	C19H40	000629-92-5	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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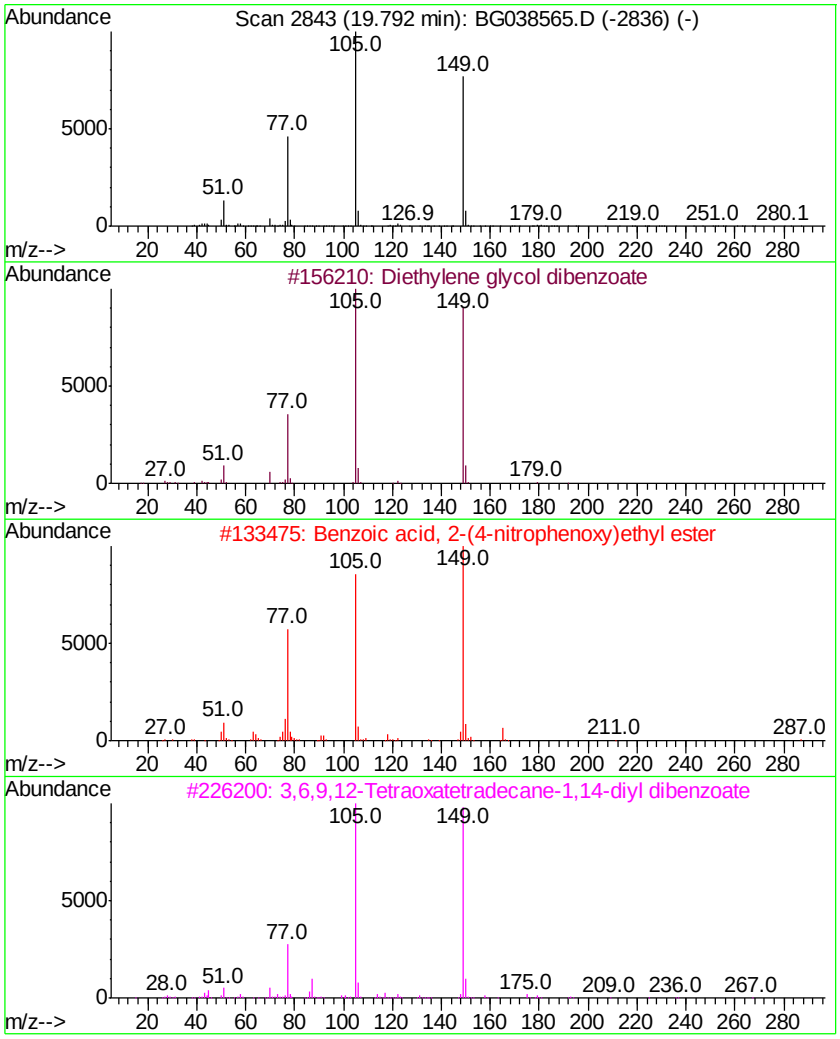
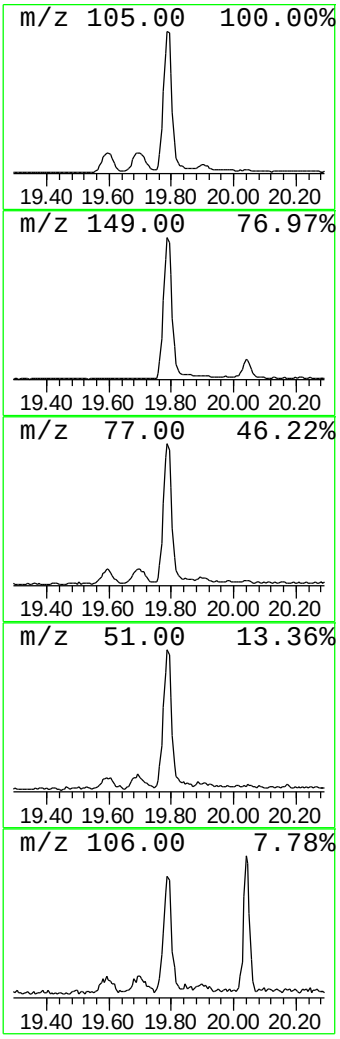
Peak Number 15 Diethylene glycol dibenzoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	25.47 ng	647466	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	80
2	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	78
3	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	74
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59
5	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	50





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ClientSampleId : 071-PIPE-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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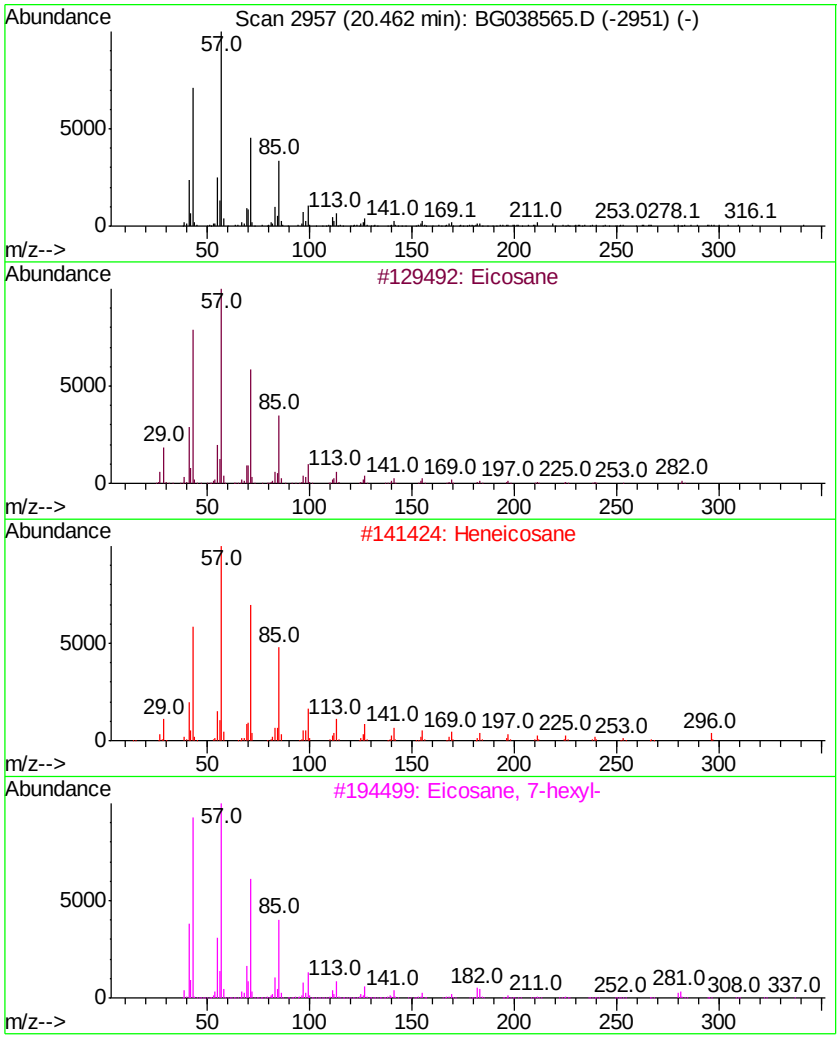
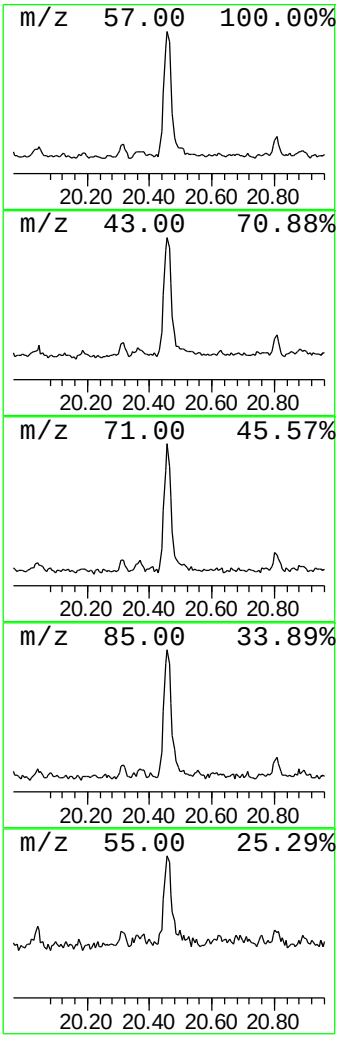
Peak Number 16 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	14.10 ng	358309	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	93
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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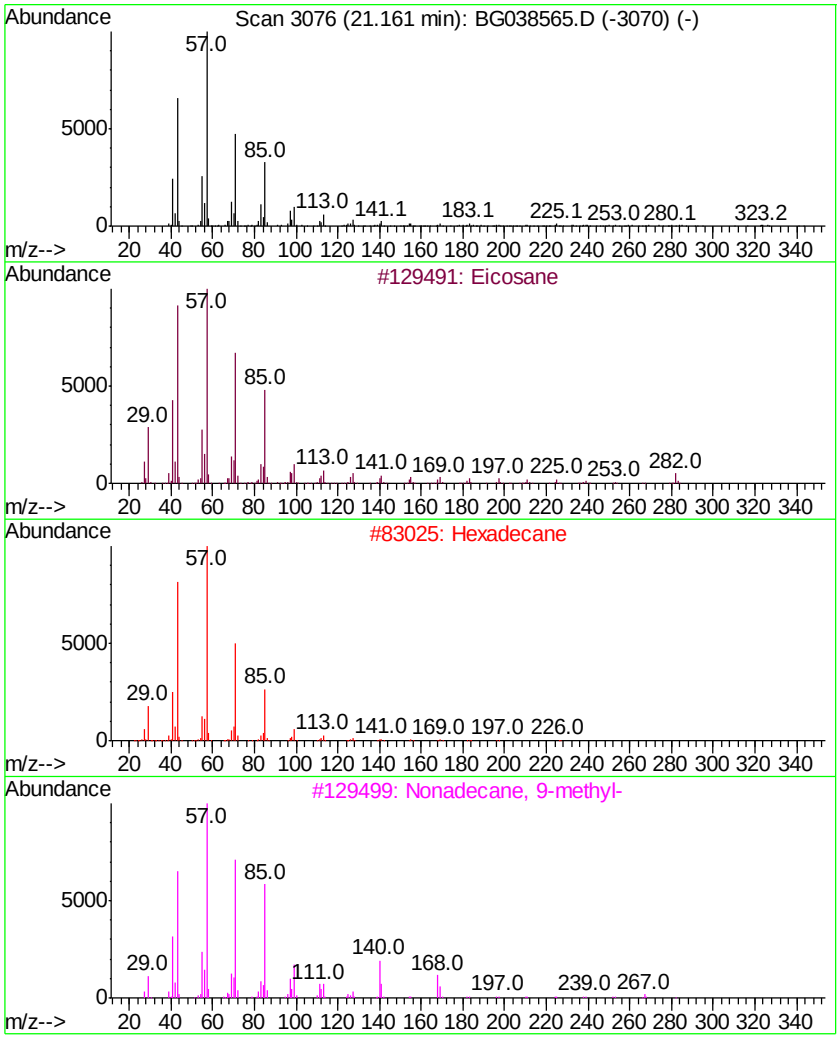
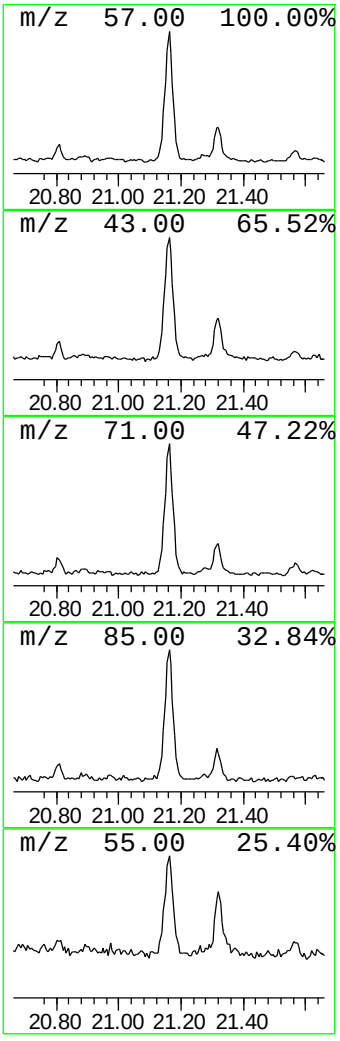
Peak Number 17 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	19.52 ng	496224	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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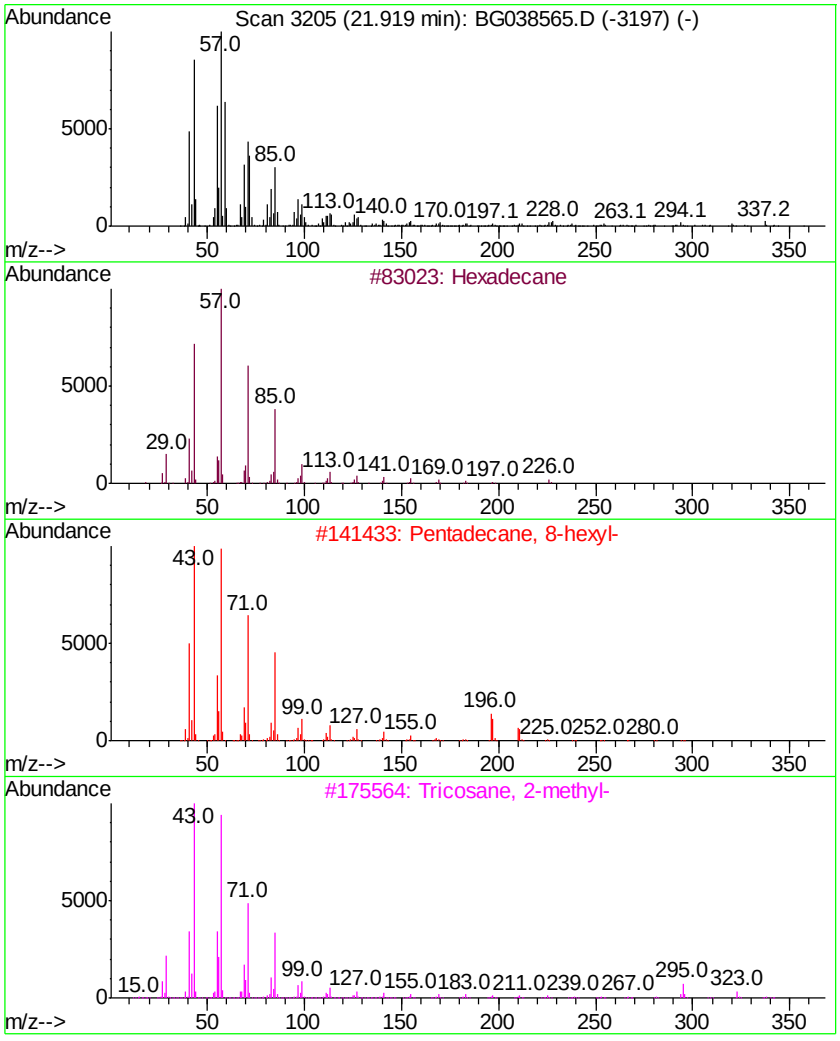
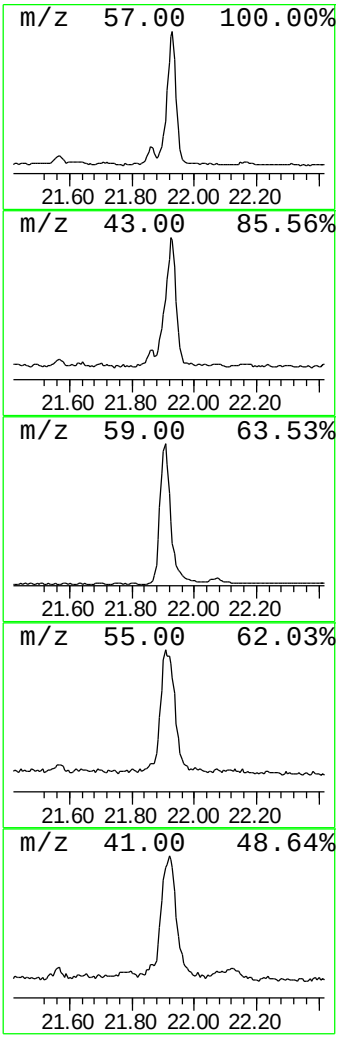
Peak Number 18 Pentadecane, 8-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	61.81 ng	1571060	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	89
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	89
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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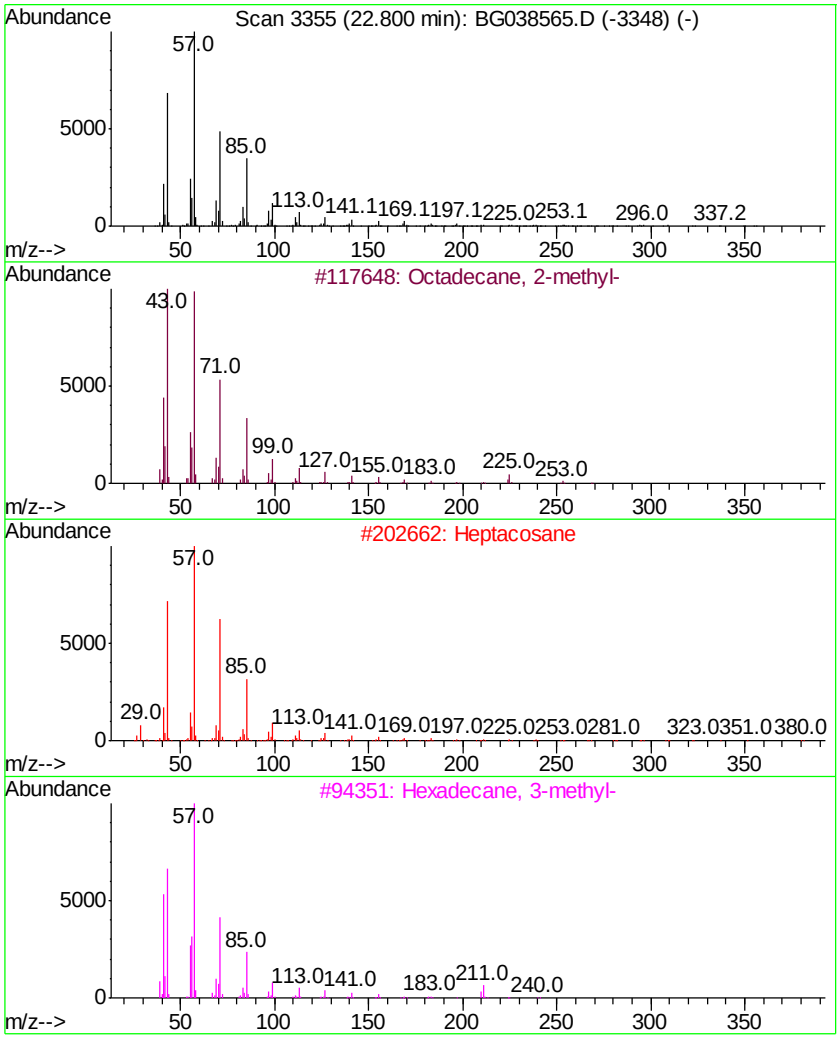
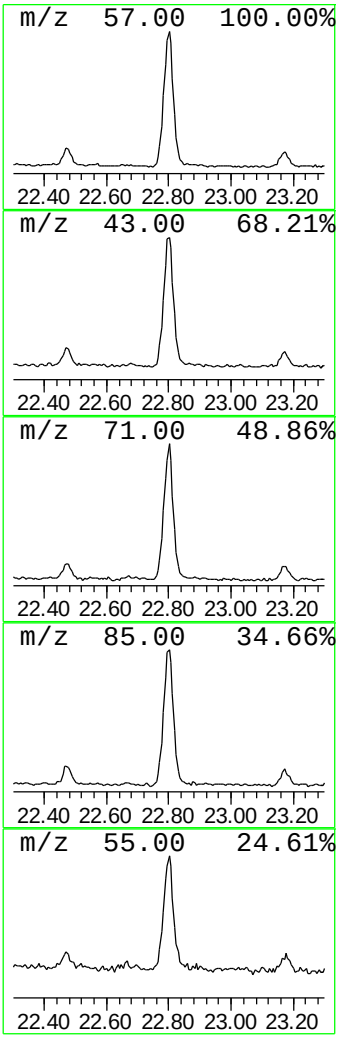
Peak Number 19 Octadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	29.09 ng	739354	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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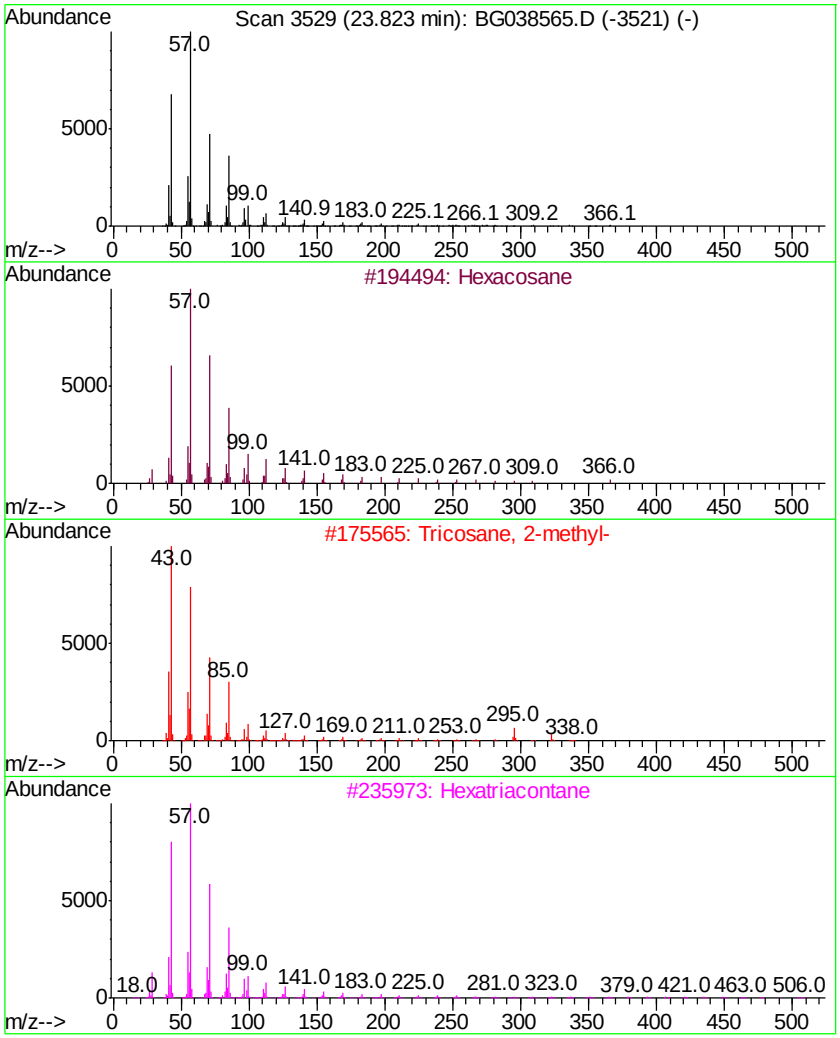
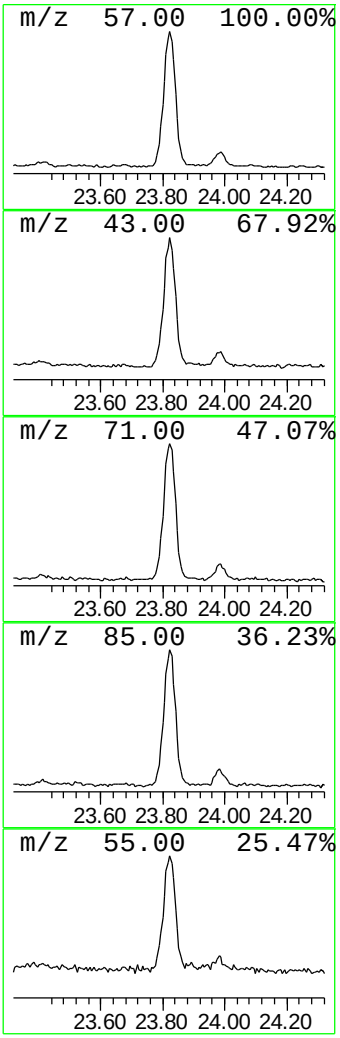
Peak Number 20 Hexacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	12.40 ng	833429	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	95
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	94
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
Data File : BG038565.D
Acq On : 14 Dec 2018 12:28
Operator : JU/SJ
Sample : J6329-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 071-PIPE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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
Cyclohexane, 1-et...	6.30	11.8	ng	169226	1	8.06	286008	20.0
Octane, 2,6-dimet...	6.57	14.5	ng	207590	1	8.06	286008	20.0
unknown7.59	7.59	49.8	ng	712443	1	8.06	286008	20.0
Nonane, 2,6-dimet...	7.99	13.5	ng	192625	1	8.06	286008	20.0
trans-1,3-Diethyl...	9.14	13.2	ng	188947	1	8.06	286008	20.0
Benzene, 1-ethyl-...	9.38	15.5	ng	222281	1	8.06	286008	20.0
trans-Decalin, 2-...	9.78	12.2	ng	231430	2	10.88	379668	20.0
Benzene, (3-methy...	10.04	12.9	ng	244092	2	10.88	379668	20.0
Undecane, 2,6-dim...	10.98	21.8	ng	413933	2	10.88	379668	20.0
Octadecanoic acid	15.34	71.1	ng	1332350	3	14.69	374976	20.0
1-Propanol, 2,3-d...	18.20	28.1	ng	626377	4	17.44	446367	20.0
n-Hexadecanoic acid	18.30	16.1	ng	359017	4	17.44	446367	20.0
Heptadecane, 2,6,...	19.70	14.7	ng	374272	5	21.72	508350	20.0
Diethylene glycol...	19.79	25.5	ng	647466	5	21.72	508350	20.0
Eicosane	20.46	14.1	ng	358309	5	21.72	508350	20.0
Hexadecane	21.16	19.5	ng	496224	5	21.72	508350	20.0
Pentadecane, 8-he...	21.92	61.8	ng	1571060	5	21.72	508350	20.0
Octadecane, 2-met...	22.80	29.1	ng	739354	5	21.72	508350	20.0
Hexacosane	23.82	12.4	ng	833429	6	25.02	1344220	20.0