LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-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_F\METHODS\8270-BF010719.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	2.181	11	16	22	rVB	374334	476127	12.57%	0.727%
2	4.363	371	387	388	rBV4	26251	81118	2.14%	0.124%
3	4.645	424	435	443	rVB2	40893	84783	2.24%	0.129%
4	5.098	509	512	520	rBV	130596	181064	4.78%	0.276%
5	5.522	580	584	591	rVB	2106102	1947841	51.41%	2.973%
6	5.616	597	600	603	rBV	480417	379967	10.03%	0.580%
7	5.716	613	617	619	rBV	145389	136810	3.61%	0.209%
8	5.839	634	638	646	rVB	265596	230554	6.08%	0.352%
9	6.198	686	699	703	rBV2	68707	181572	4.79%	0.277%
10	6.528	751	755	766	rVB	1572494	1537279	40.57%	2.346%
11	6.663	774	778	783	rBV	3658300	3406003	89.89%	5.199%
12	6.704	783	785	792	rVB2	195296	203006	5.36%	0.310%
13	6.886	813	816	820	rBV	1037734	836993	22.09%	1.278%
14	6.951	823	827	832	rVB	1170109	972632	25.67%	1.485%
15	7.045	839	843	846	rBV	3547729	3086282	81.45%	4.711%
16	7.145	857	860	862	rBV	104561	91549	2.42%	0.140%
17	7.298	882	886	894	rVB	519937	520579	13.74%	0.795%
18	7.445	901	911	914	rBV	2428083	2600049	68.62%	3.969%
19	7.545	922	928	929	rBV5	133042	220583	5.82%	0.337%
20	7.592	929	936	939	rVV	418035	725453	19.15%	1.107%
21	7.651	942	946	949	rVV3	97544	169064	4.46%	0.258%
22	7.698	951	954	959	rVB4	139006	156766	4.14%	0.239%
23	7.816	971	974	977	rBV3	177598	276217	7.29%	0.422%
24	7.880	980	985	989	rVB4	222374	306767	8.10%	0.468%
25	7.963	991	999	1002	rVV	1703889	2103430	55.51%	3.211%
26	7.998	1002	1005	1007	rBV3	100476	99070	2.61%	0.151%
27	8.022	1007	1009	1011	rBV3	110032	96240	2.54%	0.147%
28	8.045	1011	1013	1014	rBV	134611	123411	3.26%	0.188%
29	8.080	1016	1019	1023	rVB4	398660	463009	12.22%	0.707%
30	8.127	1023	1027	1029	rBV	2497496	2082336	54.96%	3.178%
31	8.175	1029	1035	1039	rVB	1217127	1713142	45.21%	2.615%
32	8.233	1043	1045	1047	rVB2	266226	223922	5.91%	0.342%
33	8.263	1047	1050	1053	rBV2	467505	439040	11.59%	0.670%
34	8.327	1058	1061	1063	rBV2	478627	574755	15.17%	0.877%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-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_F\METHODS\8270-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.351	1063	1065	1069	rVB4	266221	263556	6.96%	0.402%
36	8.386	1069	1071	1072	rBV	385687	285945	7.55%	0.436%
37	8.404	1072	1074	1076	rVB	503268	357039	9.42%	0.545%
38	8.433	1076	1079	1081	rBV	647400	607818	16.04%	0.928%
39	8.463	1081	1084	1087	rVB4	450189	503641	13.29%	0.769%
40	8.492	1087	1089	1092	rBV3	270548	360002	9.50%	0.549%
41	8.527	1092	1095	1097	rBV	2697574	2239879	59.11%	3.419%
42	8.604	1104	1108	1109	rBV2	897254	1007248	26.58%	1.537%
43	8.622	1109	1111	1114	rVB2	810050	839433	22.15%	1.281%
44	8.686	1119	1122	1124	rBV2	643802	628971	16.60%	0.960%
45	8.722	1124	1128	1130	rBV3	615375	730319	19.27%	1.115%
46	9.004	1174	1176	1178	rBV3	360310	343308	9.06%	0.524%
47	9.063	1182	1186	1188	rBV4	860008	948177	25.02%	1.447%
48	9.174	1202	1205	1207	rBV2	965571	778814	20.55%	1.189%
49	9.198	1207	1209	1214	rVB5	557746	697456	18.41%	1.065%
50	9.251	1214	1218	1221	rBV	4416890	3789084	100.00%	5.783%
51	9.339	1229	1233	1237	rBV4	1015934	1679193	44.32%	2.563%
52	9.645	1283	1285	1289	rVB3	739994	901795	23.80%	1.376%
53	9.810	1310	1313	1316	rVB2	626859	654502	17.27%	0.999%
54	9.845	1317	1319	1324	rVB2	770866	853769	22.53%	1.303%
55	9.933	1329	1334	1339	rVB2	1974565	2467765	65.13%	3.767%
56	10.216	1380	1382	1385	rVB	580890	446841	11.79%	0.682%
57	10.345	1402	1404	1409	rVB2	575756	681857	18.00%	1.041%
58	10.580	1442	1444	1450	rVB	487501	505530	13.34%	0.772%
59	10.721	1464	1468	1472	rVB	2317877	2330403	61.50%	3.557%
60	10.939	1503	1505	1518	rVB	348842	481890	12.72%	0.736%
61	11.151	1538	1541	1544	rBV	465484	371728	9.81%	0.567%
62	11.410	1582	1585	1590	rVB	924973	816027	21.54%	1.246%
63	11.457	1590	1593	1598	rVB	1152371	871367	23.00%	1.330%
64	11.751	1641	1643	1648	rVB3	74442	69661	1.84%	0.106%
65	11.804	1649	1652	1658	rVB	131907	126609	3.34%	0.193%
66	11.933	1672	1674	1676	rBV2	70488	65952	1.74%	0.101%
67	11.998	1682	1685	1689	rBV2	113233	106905	2.82%	0.163%
68	12.304	1734	1737	1740	rBV	1027462	803230	21.20%	1.226%
69	12.392	1749	1752	1756	rBV2	65862	76408	2.02%	0.117%
70	12.510	1767	1772	1774	rBV2	99817	145559	3.84%	0.222%
71	12.627	1788	1792	1796	rBV3	203049	290735	7.67%	0.444%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-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_F\METHODS\8270-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.674	1796	1800	1804	rVV2	336450	390764	10.31%	0.596%
73	12.710	1804	1806	1808	rVV	110169	98976	2.61%	0.151%
74	12.745	1808	1812	1815	rVV2	450899	519004	13.70%	0.792%
75	12.798	1818	1821	1825	rVB	148890	163358	4.31%	0.249%
76	12.904	1836	1839	1843	rBV3	67364	104023	2.75%	0.159%
77	12.939	1843	1845	1847	rBV	96234	85699	2.26%	0.131%
78	12.998	1850	1855	1858	rBV	3625349	3296600	87.00%	5.032%
79	13.074	1866	1868	1871	rBV	175673	162642	4.29%	0.248%
80	13.221	1891	1893	1896	rBV2	70043	75759	2.00%	0.116%
81	13.257	1896	1899	1903	rVB	65915	98809	2.61%	0.151%
82	13.351	1912	1915	1925	rVB3	118258	240601	6.35%	0.367%
83	13.668	1966	1969	1970	rBV2	103321	98893	2.61%	0.151%
84	13.998	2022	2025	2028	rBV	279647	285053	7.52%	0.435%
85	14.051	2031	2034	2037	rVB	1049396	909115	23.99%	1.388%
86	14.286	2072	2074	2076	rBV	88233	68447	1.81%	0.104%
87	14.433	2096	2099	2106	rVB5	132149	178689	4.72%	0.273%
88	14.527	2112	2115	2119	rVB2	280923	354385	9.35%	0.541%
89	14.627	2130	2132	2135	rVB2	152907	136041	3.59%	0.208%
90	14.674	2138	2140	2144	rVB2	87464	74188	1.96%	0.113%
91	14.815	2161	2164	2168	rBV	265770	291936	7.70%	0.446%
92	14.862	2168	2172	2176	rVB	275012	311096	8.21%	0.475%
93	15.168	2221	2224	2226	rBV2	67309	72978	1.93%	0.111%
94	15.256	2236	2239	2244	rVB2	61110	71863	1.90%	0.110%
95	15.403	2261	2264	2267	rVB	72078	80446	2.12%	0.123%
96	15.533	2281	2286	2295	rVB	926707	1258903	33.22%	1.921%
97	15.727	2316	2319	2325	rVB4	54769	68434	1.81%	0.104%
98	15.998	2362	2365	2372	rVB2	61441	86595	2.29%	0.132%
99	16.103	2379	2383	2389	rVB5	47125	77738	2.05%	0.119%

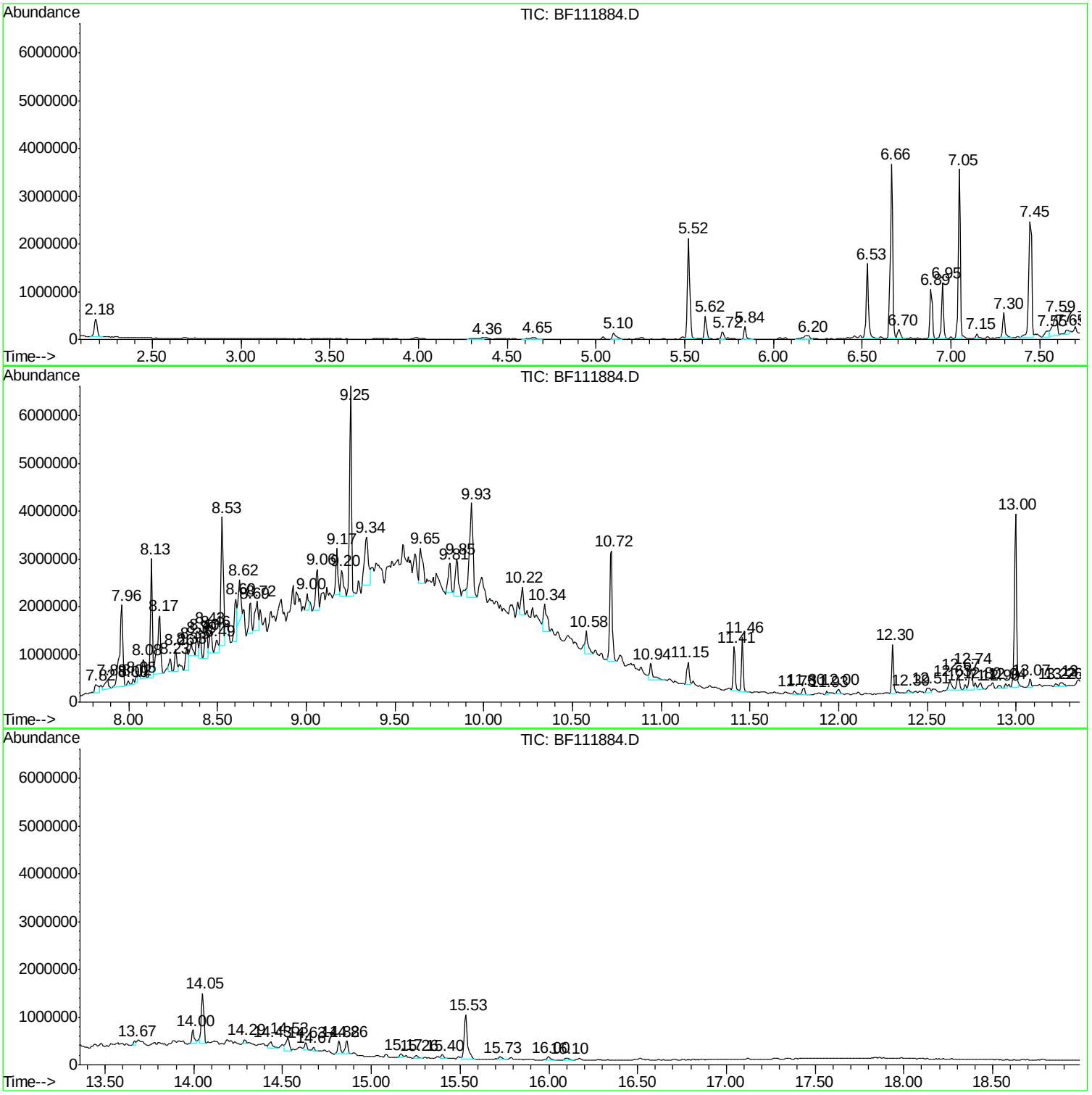
Sum of corrected areas: 65516864

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

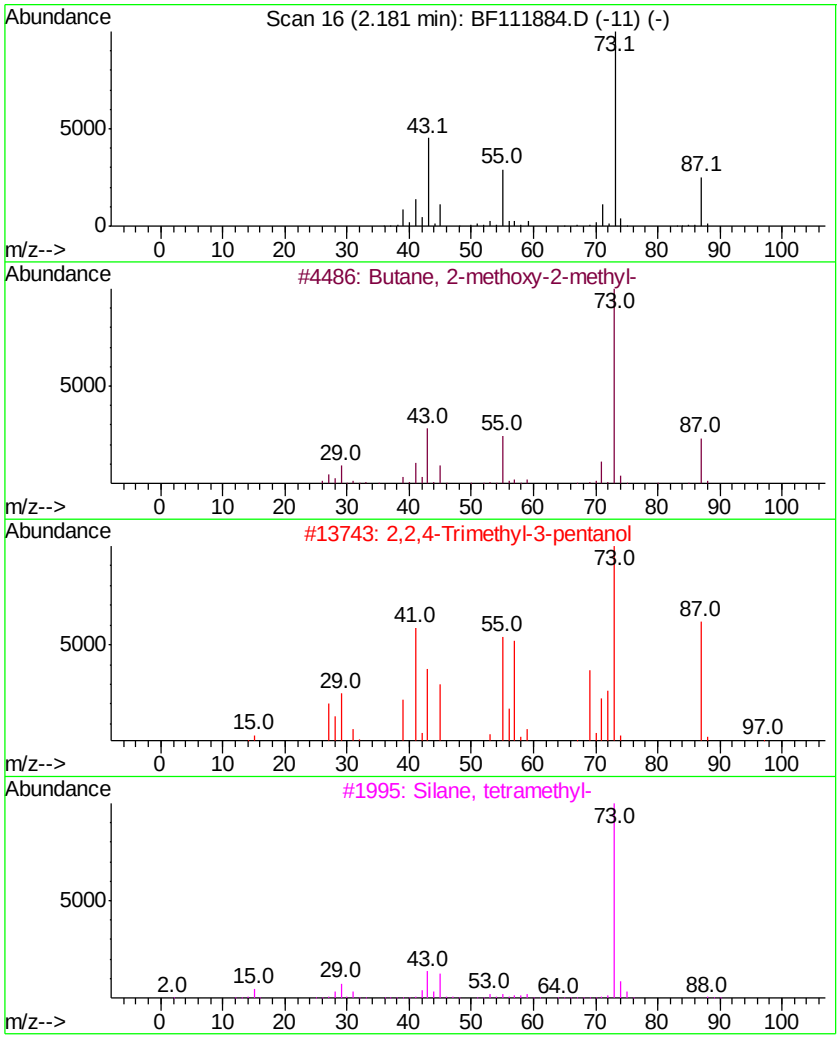
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

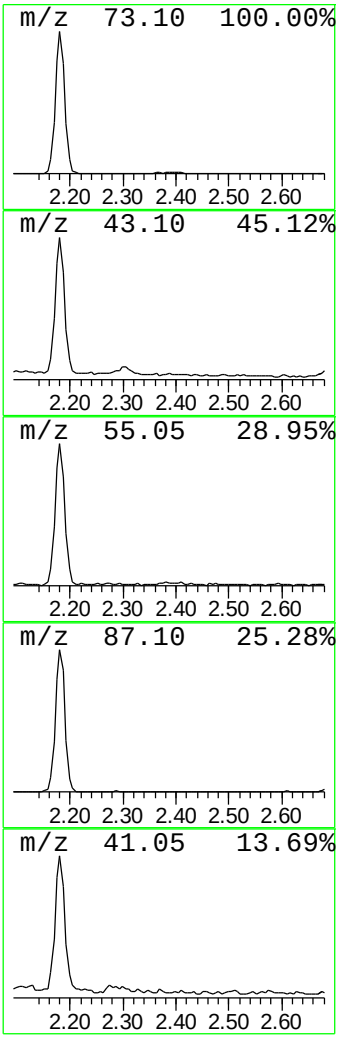
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	11.38 ng	476127	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

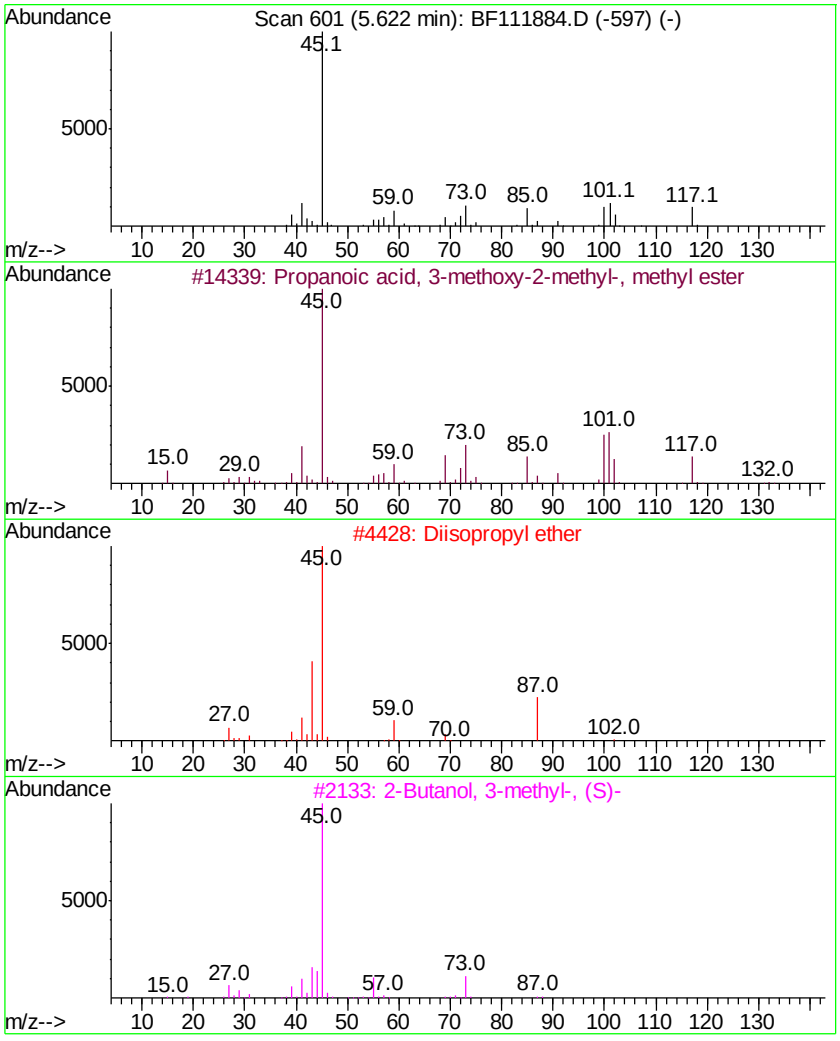
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

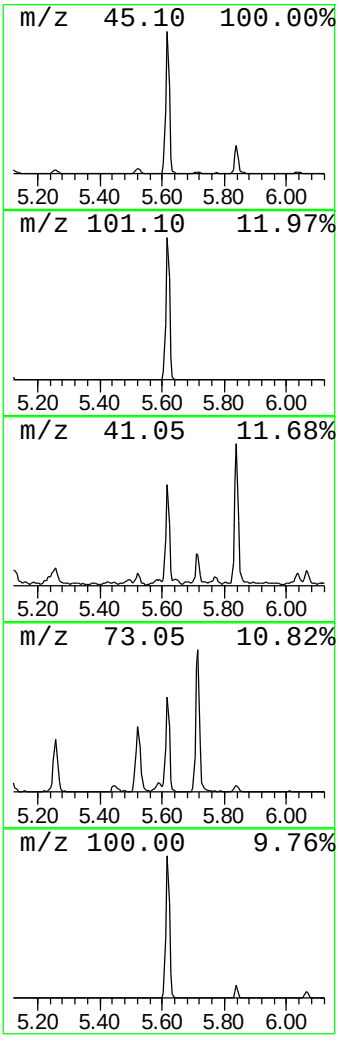
****

Peak Number 2 Propanoic acid, 3-methoxy-2... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	9.08 ng	379967	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 3-methoxy-2-meth...	132	C6H12O3	003852-11-7	83
2	Diisopropyl ether	102	C6H14O	000108-20-3	40
3	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	40
4	2-Butanol	74	C4H10O	000078-92-2	40
5	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

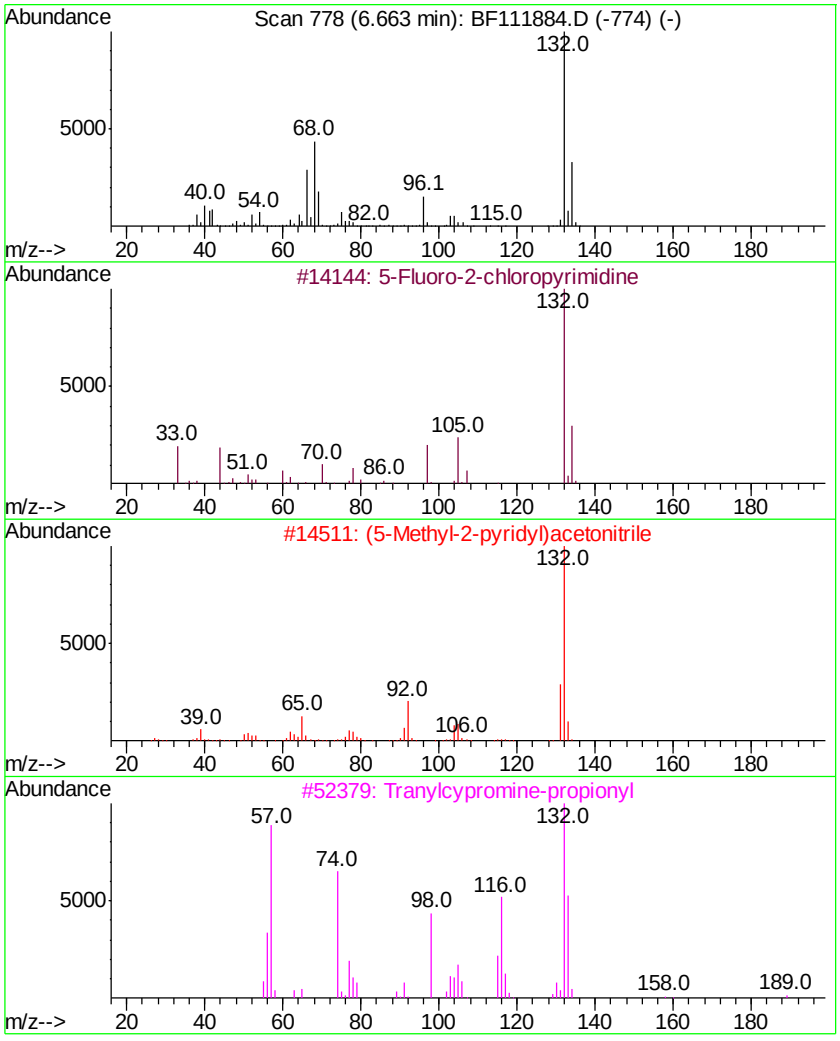
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

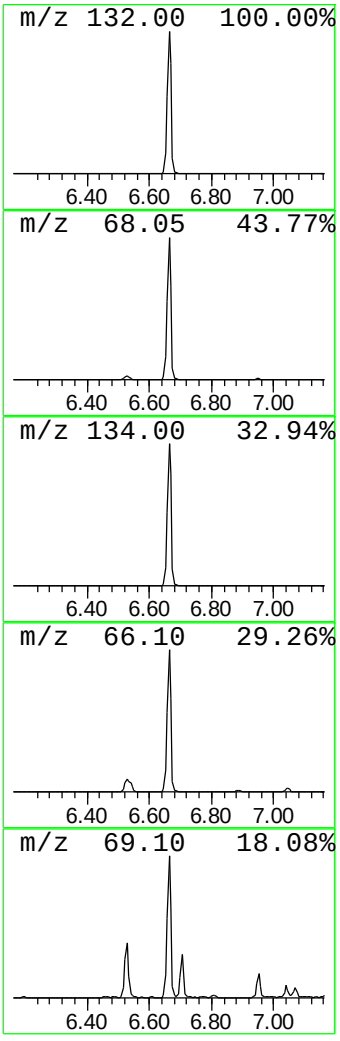
****

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	81.39 ng	3406000	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

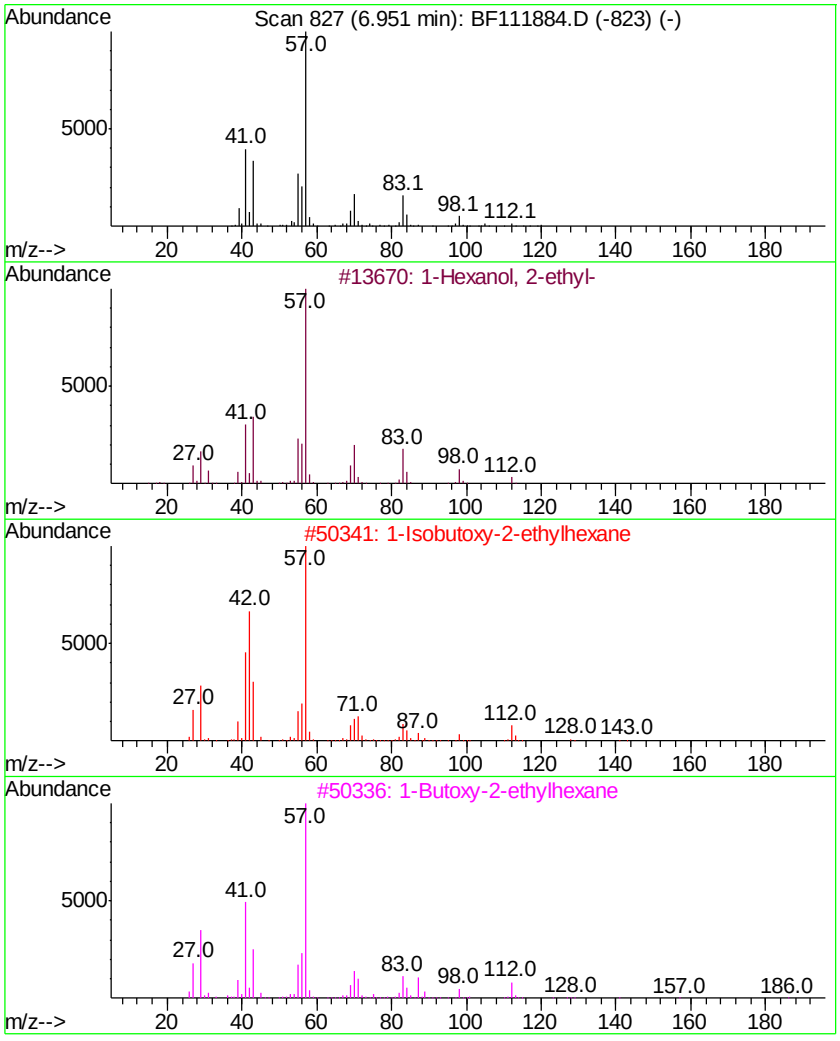
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

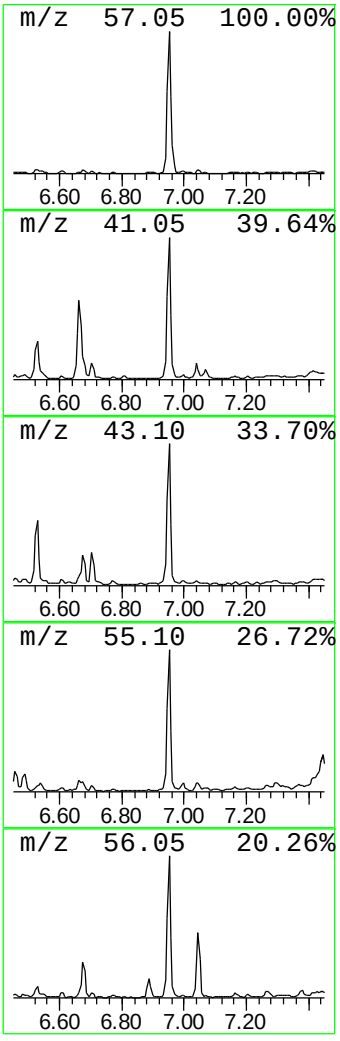
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	23.24 ng	972632	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

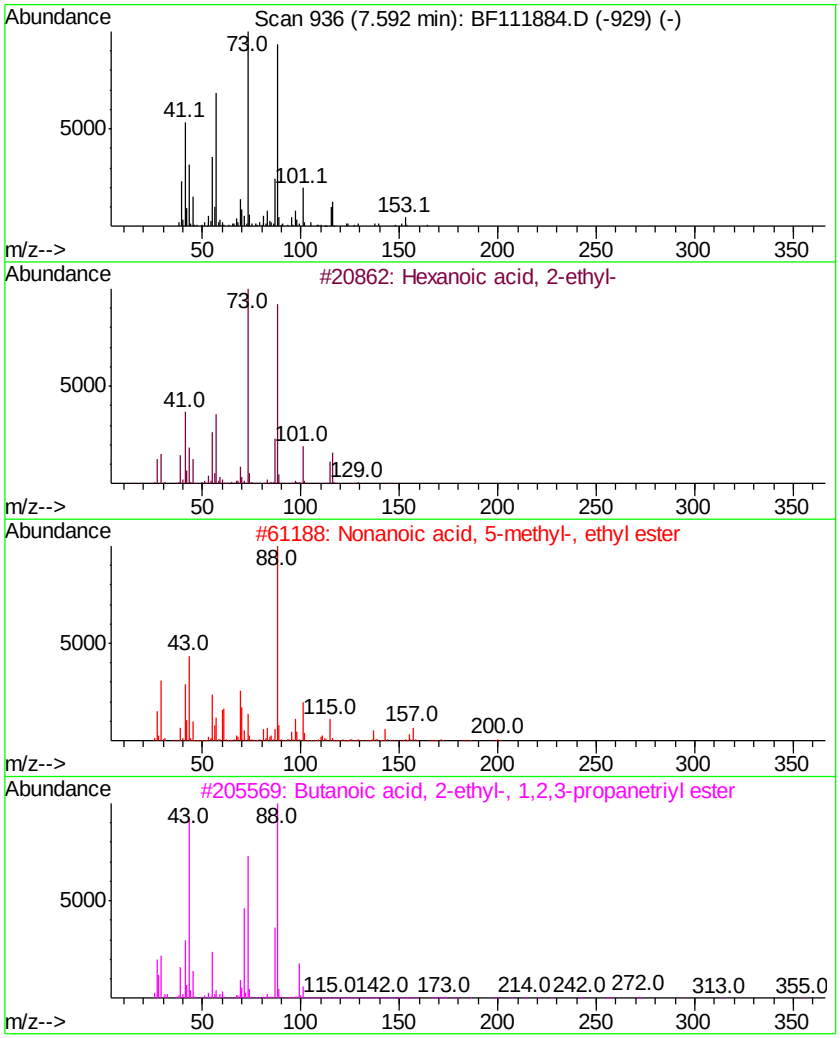
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

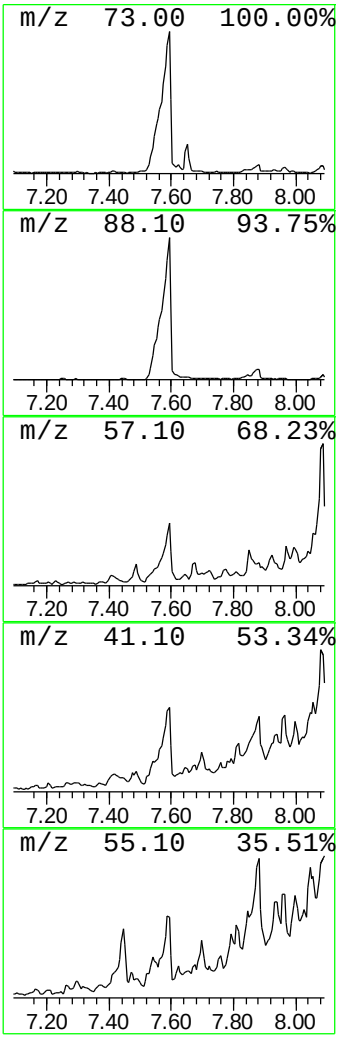
****

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	8.47 ng	725453	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Nonanoic acid, 5-methyl-, ethyl ...	200	C12H24O2	116530-40-6	45
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	43
4	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	38
5	Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

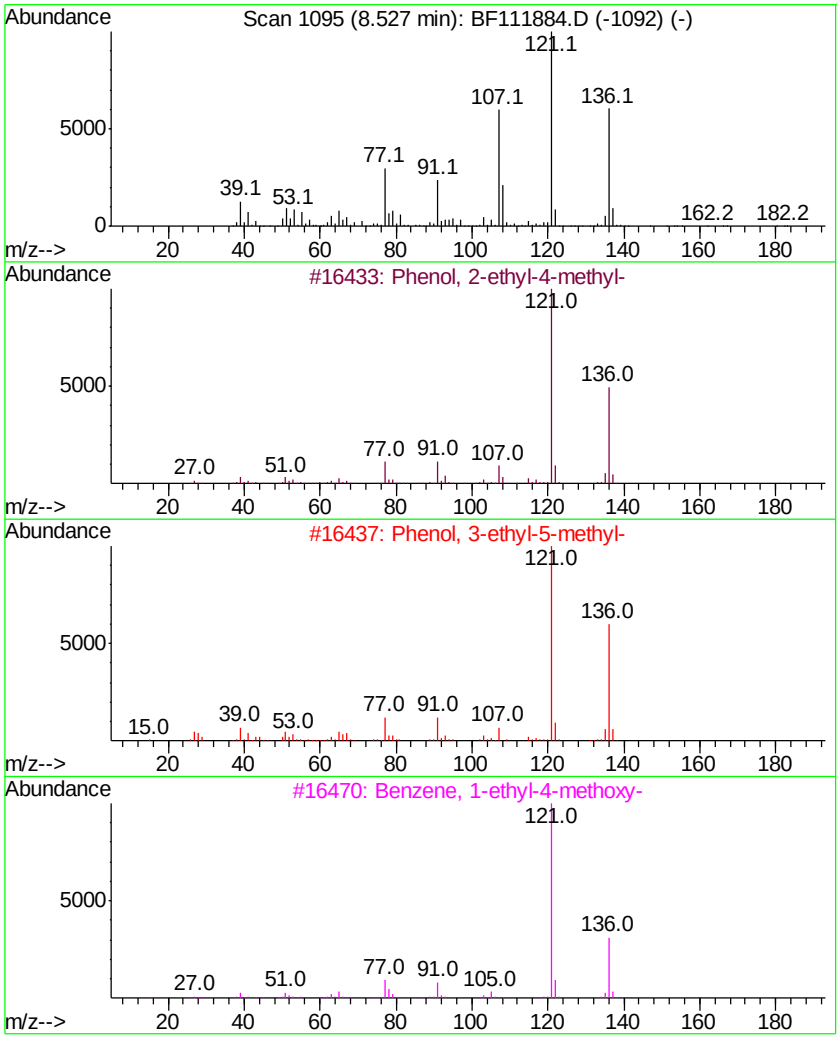
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

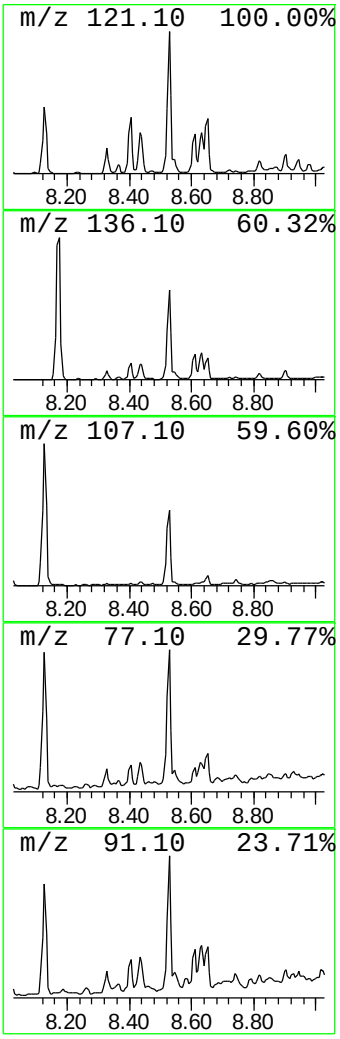
****

Peak Number 7 Phenol, 2-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	26.15 ng	2239880	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	76
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	70
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	62
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	58
5	2-Ethylphenol, methyl ether	136	C9H12O	1000333-44-2	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

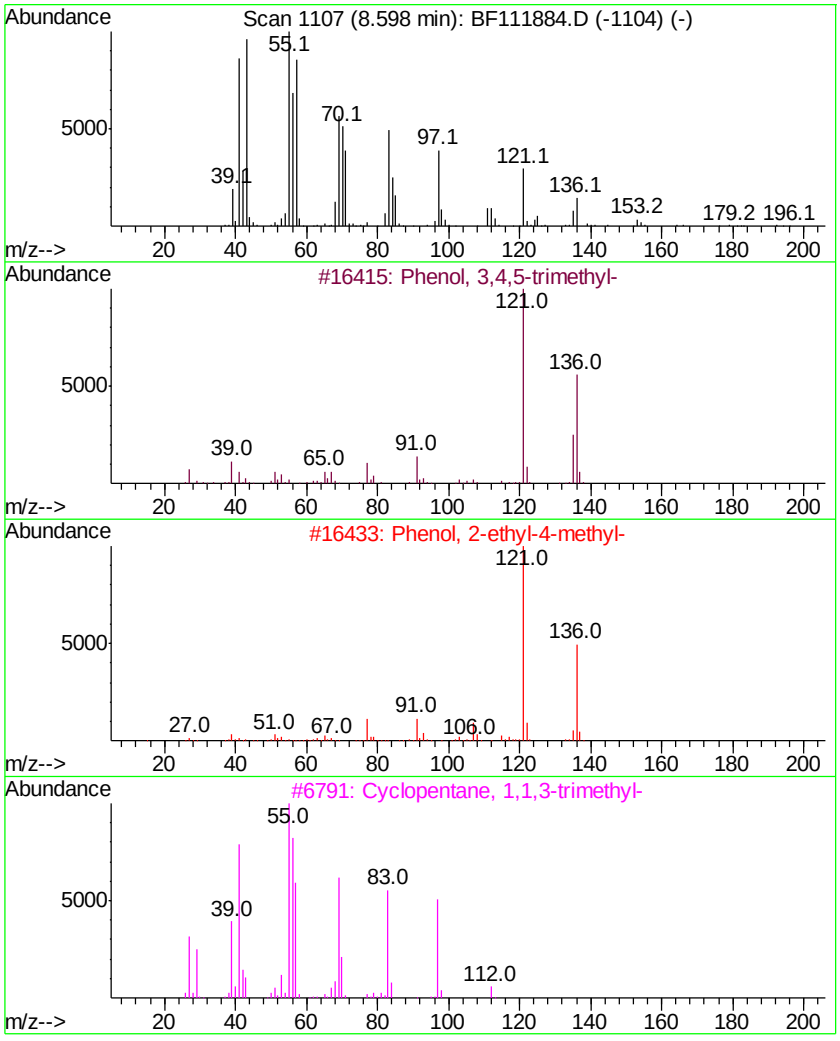
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

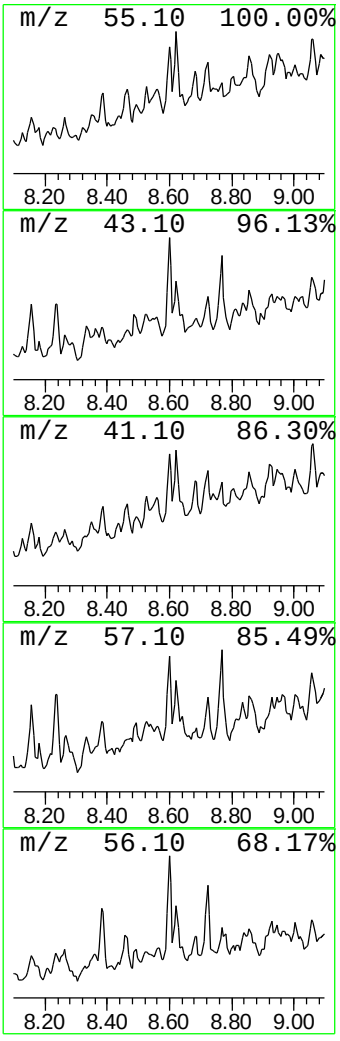
****

Peak Number 8 Phenol, 3,4,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	11.76 ng	1007250	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	50
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	38
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
4	Phenol, 2-(1-methylethyl)-, acetate	178	C11H14O2	001608-68-0	35
5	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

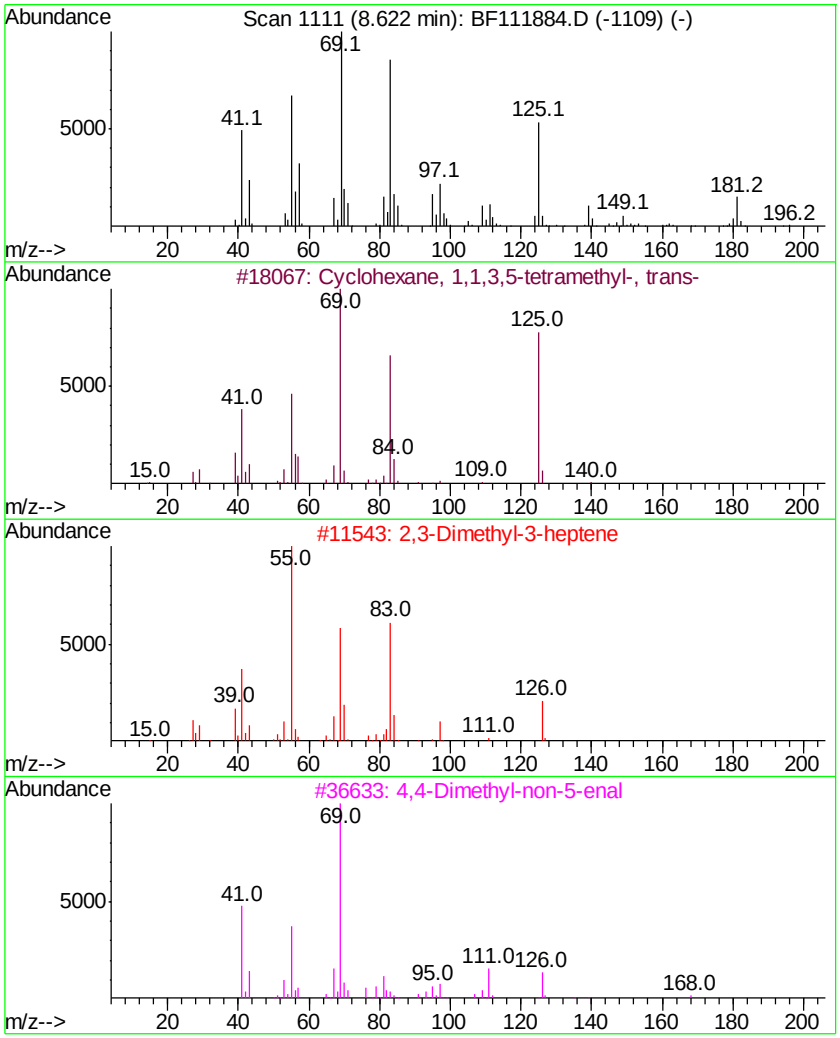
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

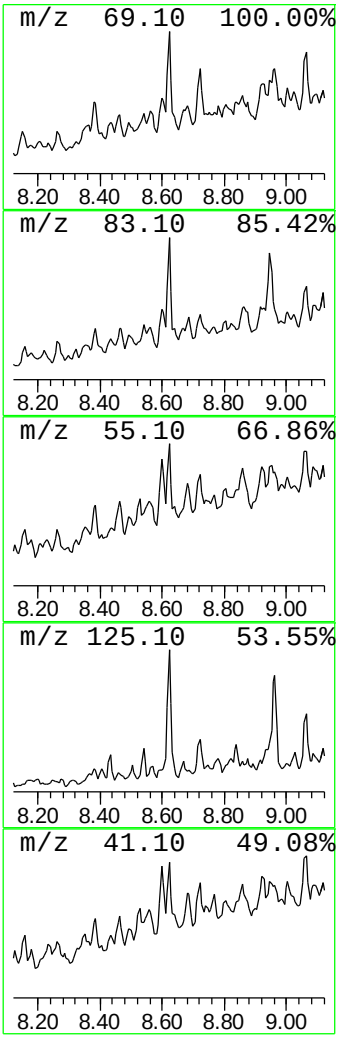
****

Peak Number 9 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	9.80 ng	839433	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	53
2	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	25
3	4,4-Dimethyl-non-5-enal	168	C11H20O	066821-98-5	22
4	But-2-enoic acid, amide, 3-methy...	139	C8H13NO	1000340-08-9	22
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

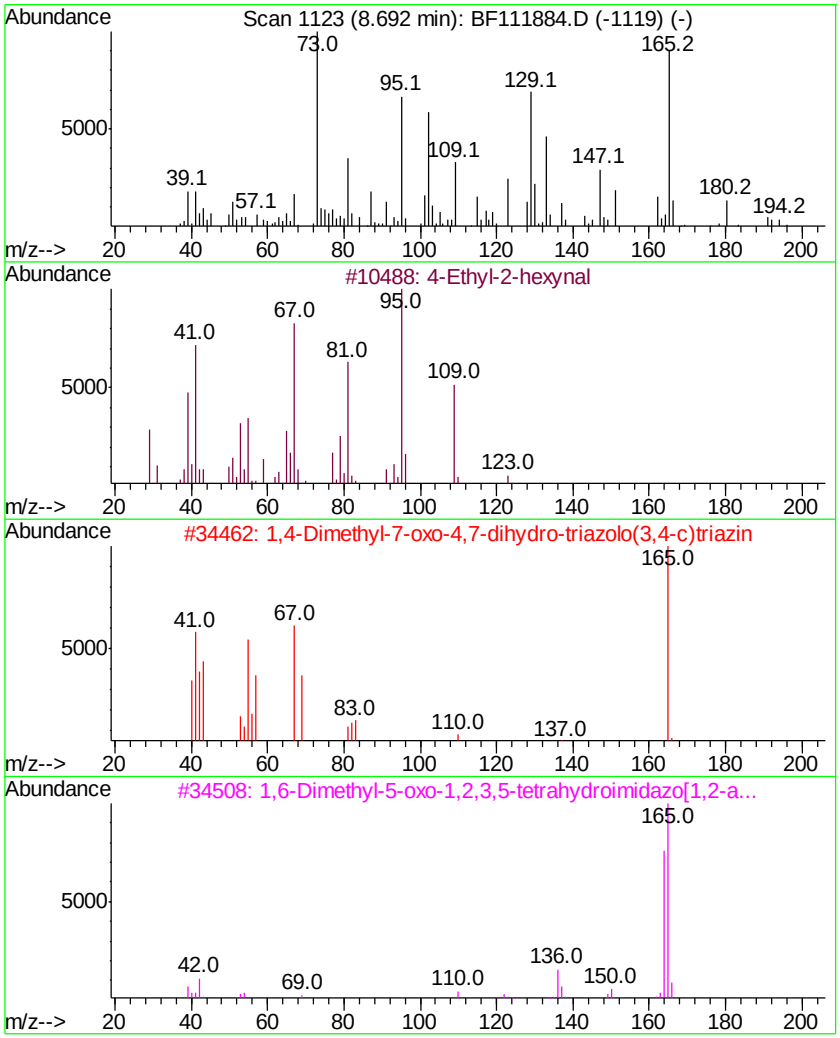
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

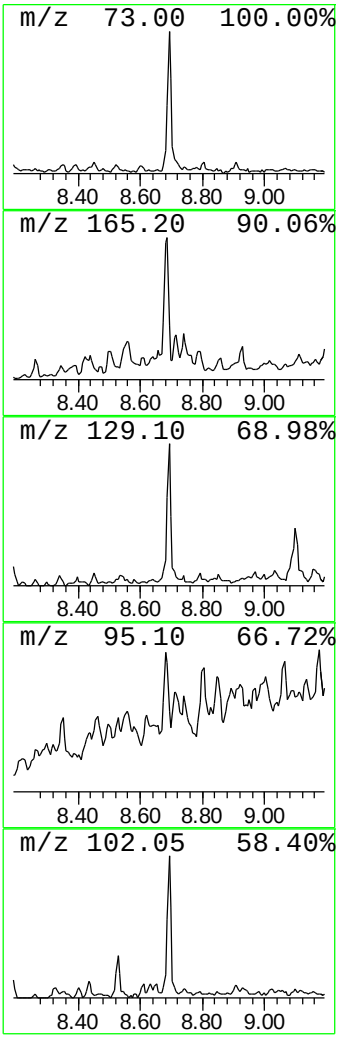
****

Peak Number 10 unknown8.69 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	7.34 ng	628971	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	45
2	1,4-Dimethyl-7-oxo-4,7-dihydro-t...	165	C6H7N5O	061402-40-2	35
3	1,6-Dimethyl-5-oxo-1,2,3,5-tetra...	165	C8H11N3O	026955-13-5	27
4	4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	25
5	trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1000111-72-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

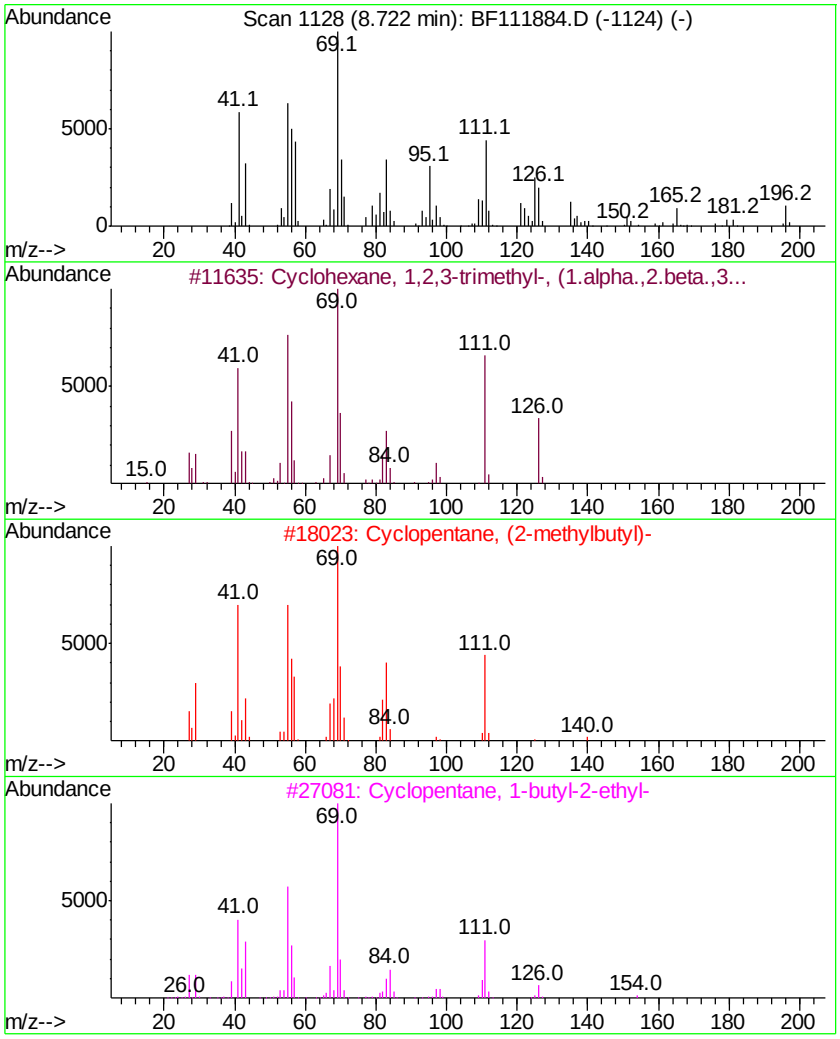
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

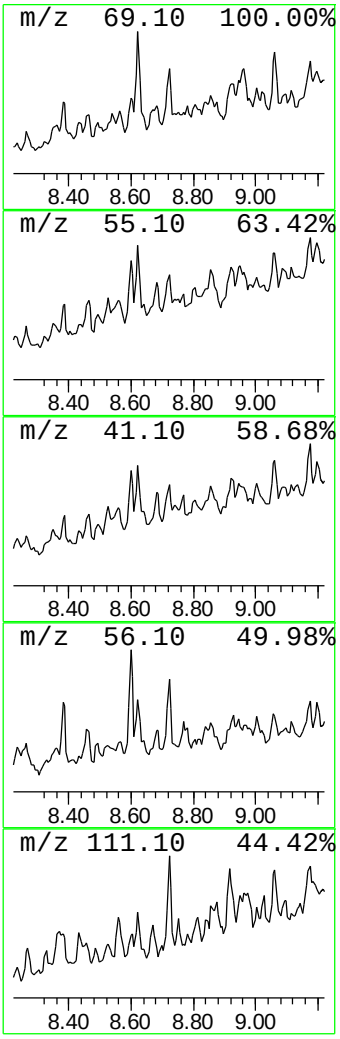
****

Peak Number 11 Cyclohexane, 1,2,3-trimethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	8.53 ng	730319	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	86
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	60
3	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	58
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	55
5	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

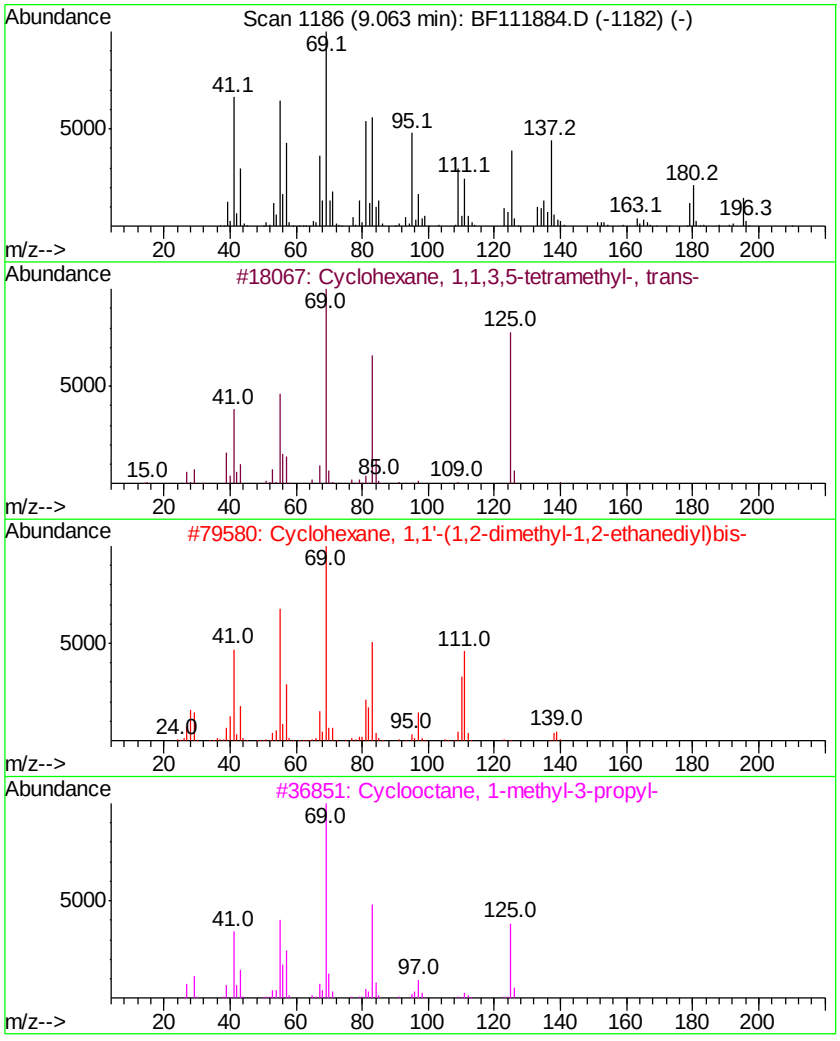
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

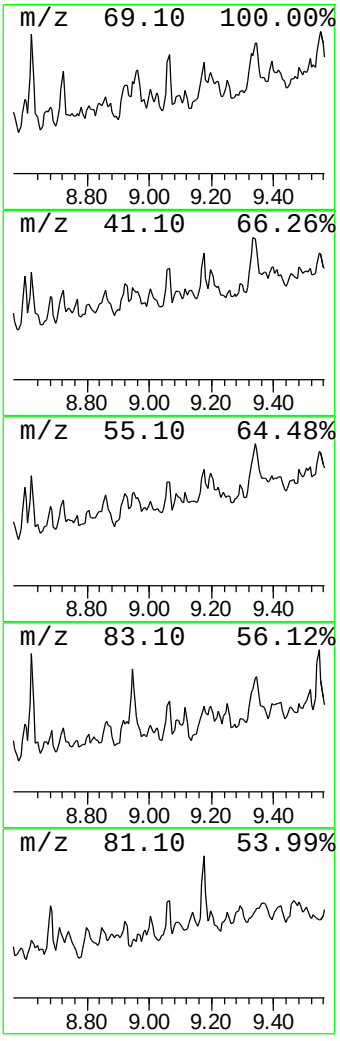
****

Peak Number 12 unknown9.06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	7.68 ng	948177	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
2	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	35
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	35
4	4-Nonene, 2,3,3-trimethyl-, (E)-	168	C12H24	063830-67-1	35
5	Cyclododecene, 1-methyl-	180	C13H24	023070-53-3	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

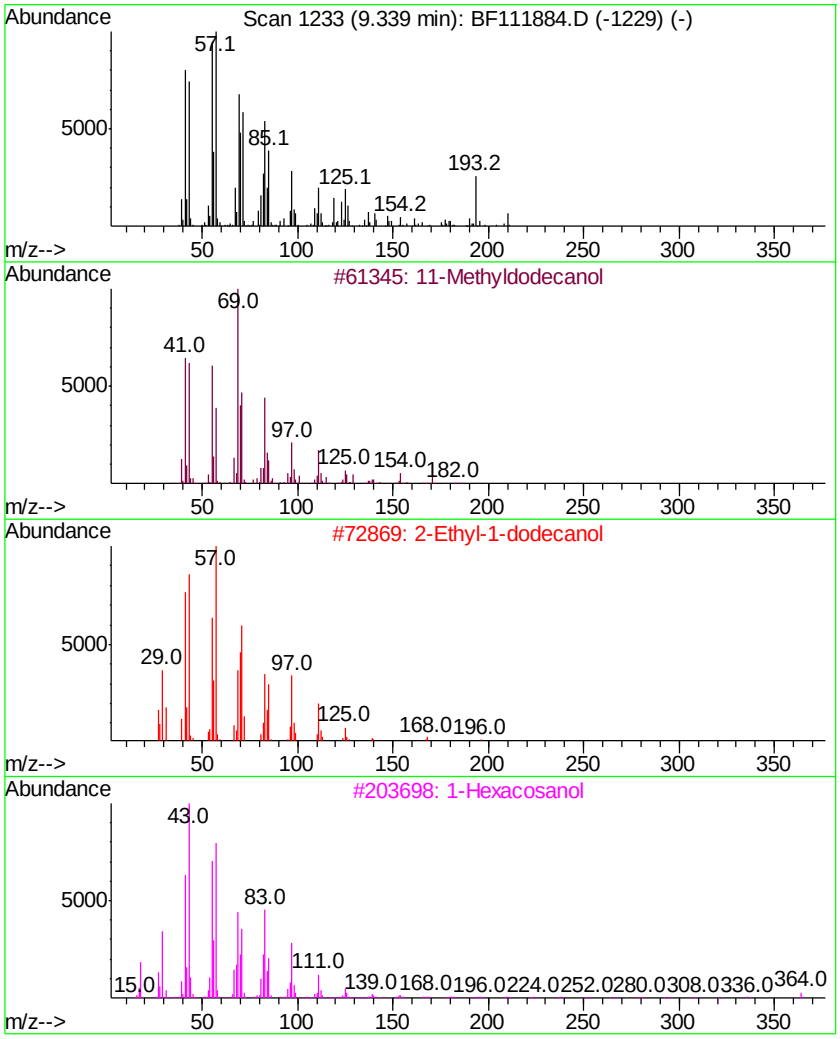
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

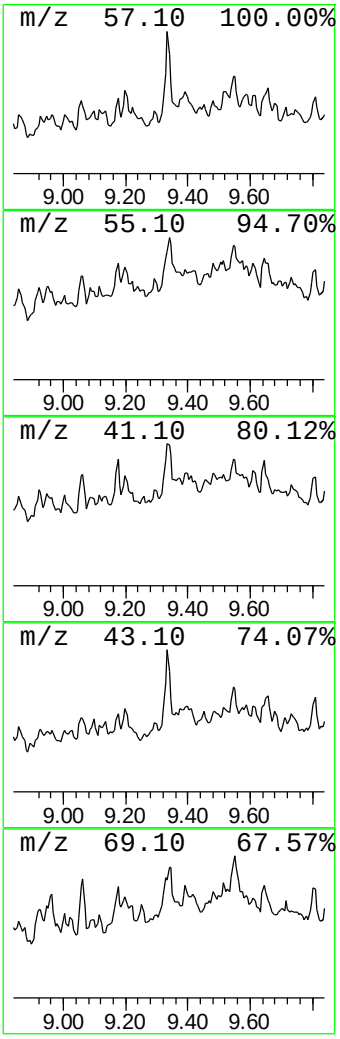
****

Peak Number 13 11-Methyldodecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	13.61 ng	1679190	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Methyldodecanol	200	C13H28O	085763-57-1	64
2	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	58
3	1-Hexacosanol	382	C26H54O	000506-52-5	49
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	49
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

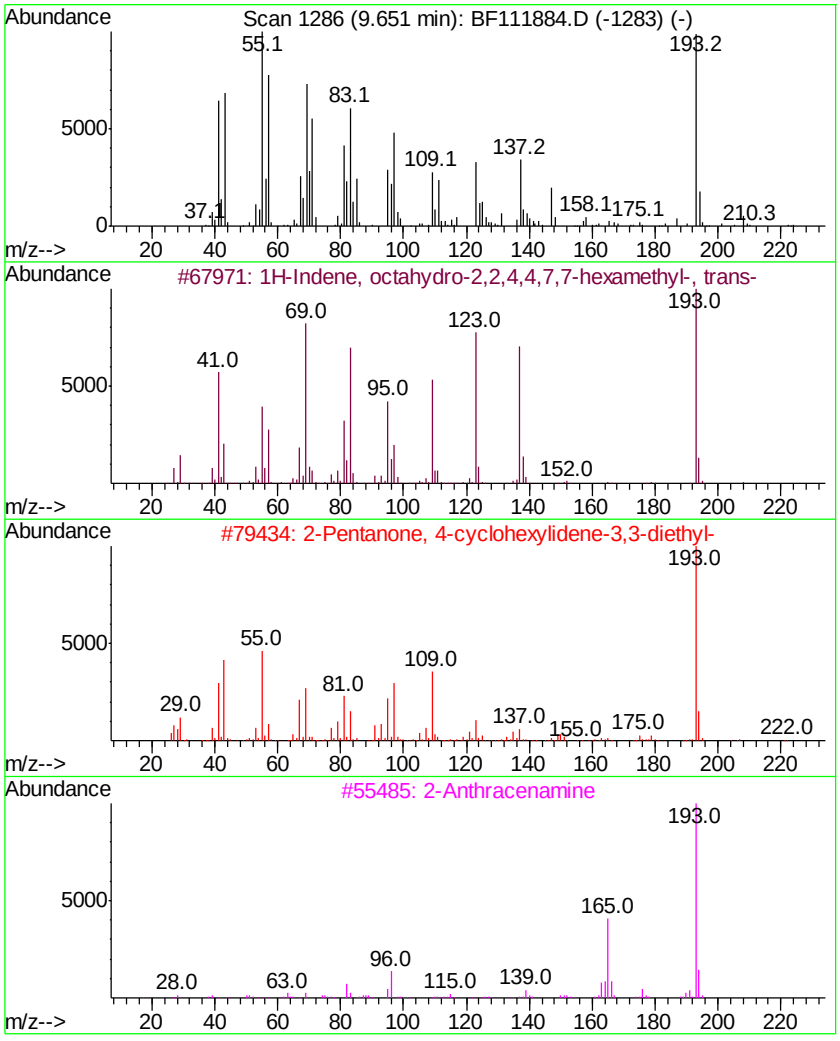
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

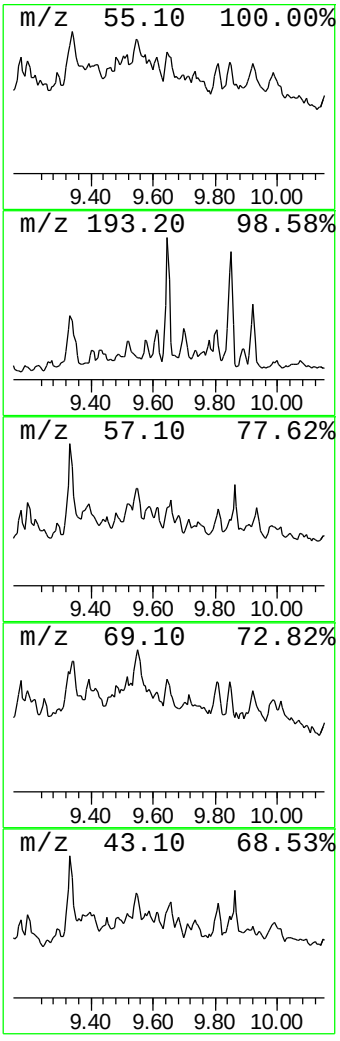
****

Peak Number 14 1H-Indene, octahydro-2,2,4,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	7.31 ng	901795	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	72
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	46
3	2-Anthracenamine	193	C14H11N	000613-13-8	27
4	Iminostilbene	193	C14H11N	000256-96-2	27
5	2(1H)-Benzocyclooctenone, decahy...	194	C13H22O	055103-68-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

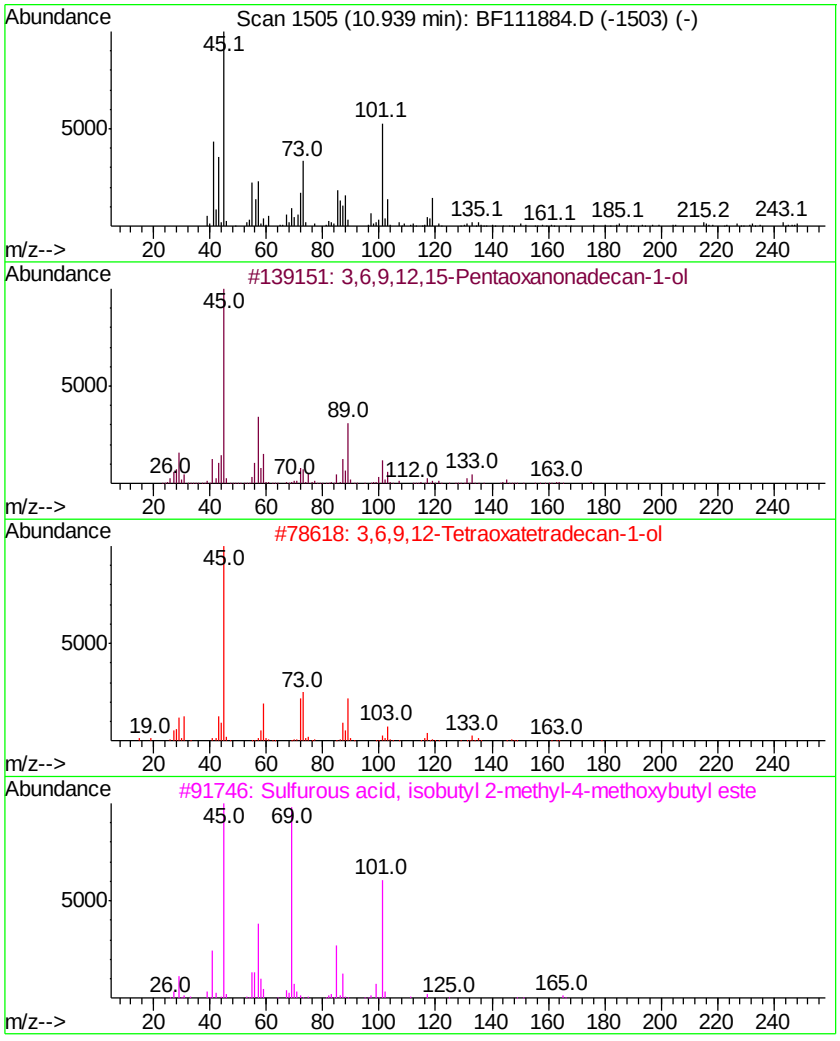
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

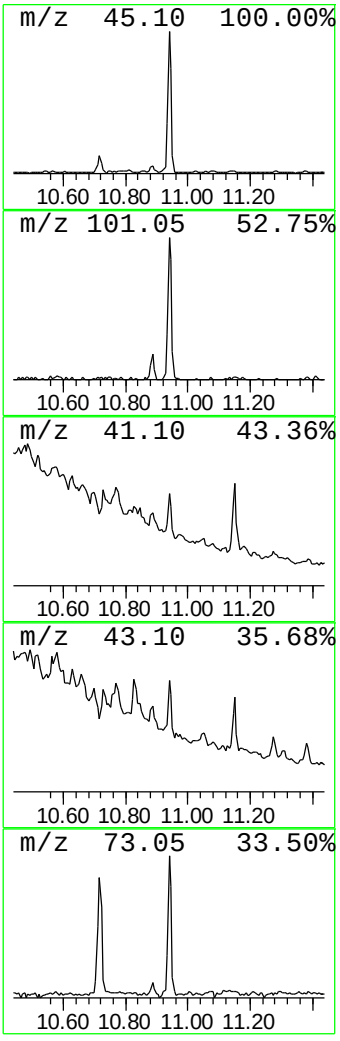
****

Peak Number 15 unknown10.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	11.81 ng	481890	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	47
2	3,6,9,12-Tetraoxatetradecan-1-ol	222	C10H22O5	005650-20-4	47
3	Sulfurous acid, isobutyl 2-methy...	238	C10H22O4S	1000309-20-3	47
4	Sulfurous acid, 2-methyl-4-metho...	336	C17H36O4S	1000309-21-1	47
5	Glutaric acid, di(4-methoxy-2-me...	332	C17H32O6	1000359-42-1	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

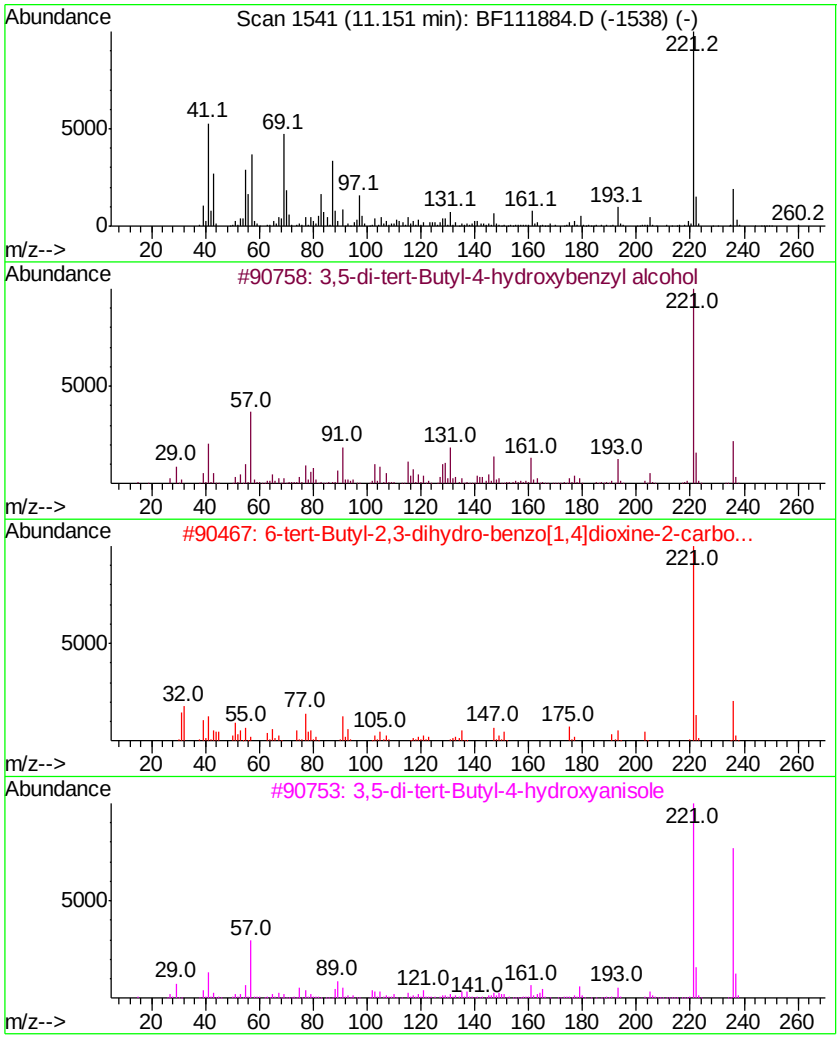
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

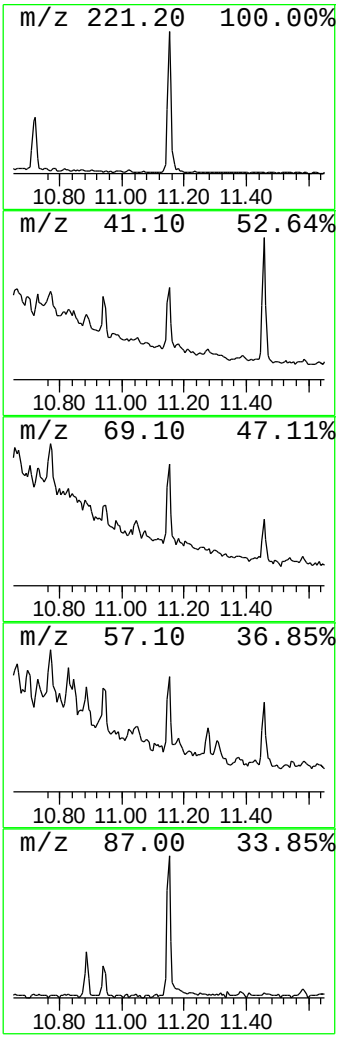
****

Peak Number 16 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	9.11 ng	371728	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxybenzy...	236	C15H24O2	000088-26-6	90
2	6-tert-Butyl-2,3-dihydro-benzo[1...	236	C13H16O4	1000318-31-4	64
3	3,5-di-tert-Butyl-4-hydroxyanisole	236	C15H24O2	000489-01-0	59
4	Methazolamide	236	C5H8N4O3S2	000554-57-4	58
5	Benzenamine, N,N'-1,2-ethanediyl...	236	C16H16N2	024764-92-9	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

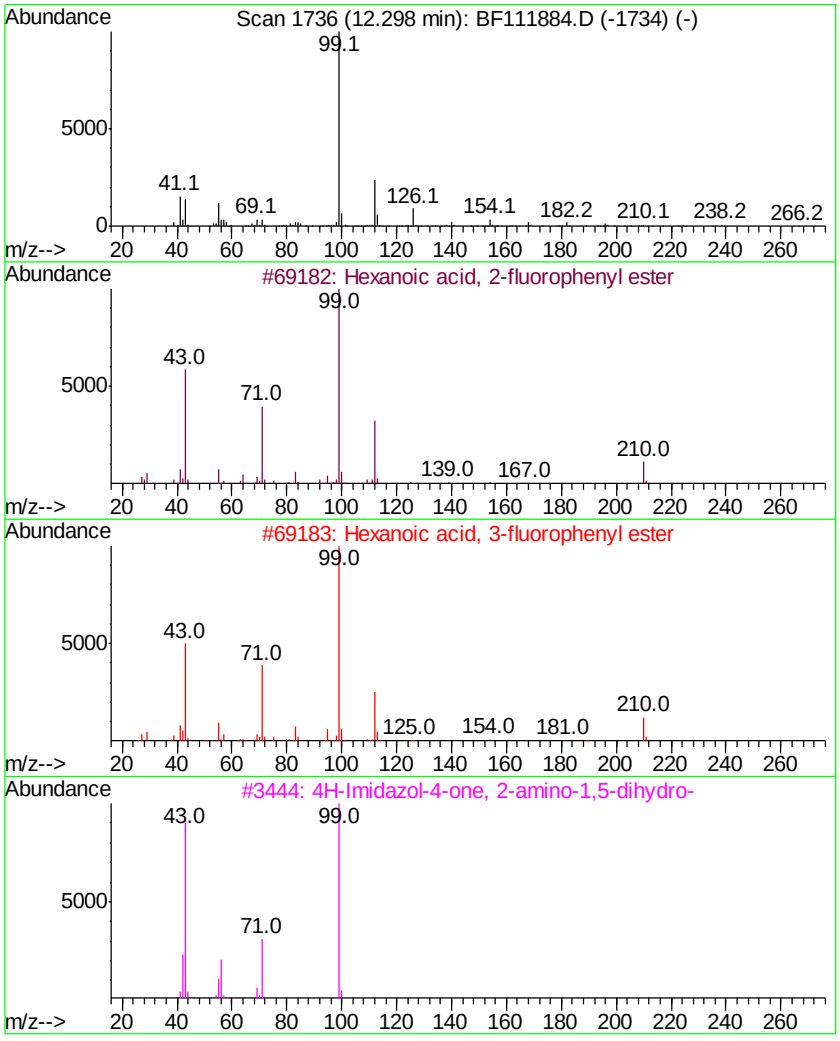
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

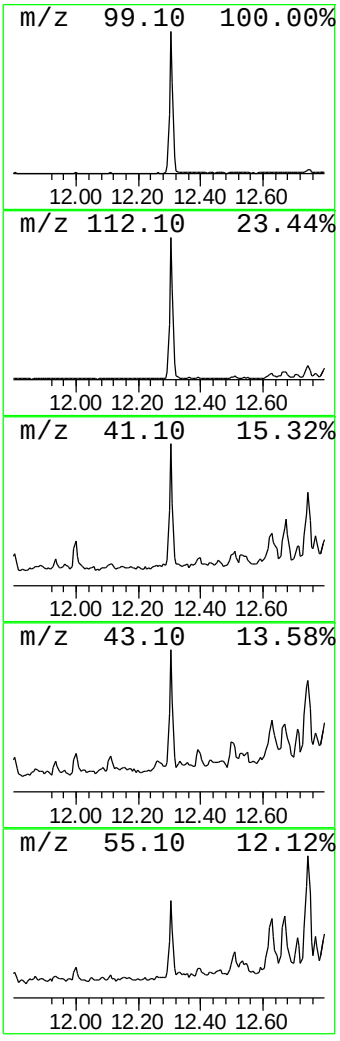
****

Peak Number 17 Hexanoic acid, 2-fluorophen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	19.69 ng	803230	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-fluorophenyl ester	210	C12H15FO2	1000325-69-8	50
2	Hexanoic acid, 3-fluorophenyl ester	210	C12H15FO2	1000330-93-1	39
3	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	38
4	Ethyl 4-(ethyloxy)-2-oxobut-3-en...	172	C8H12O4	1000305-38-2	38
5	Fumaric acid, but-3-yn-2-yl decy...	308	C18H28O4	1000345-28-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

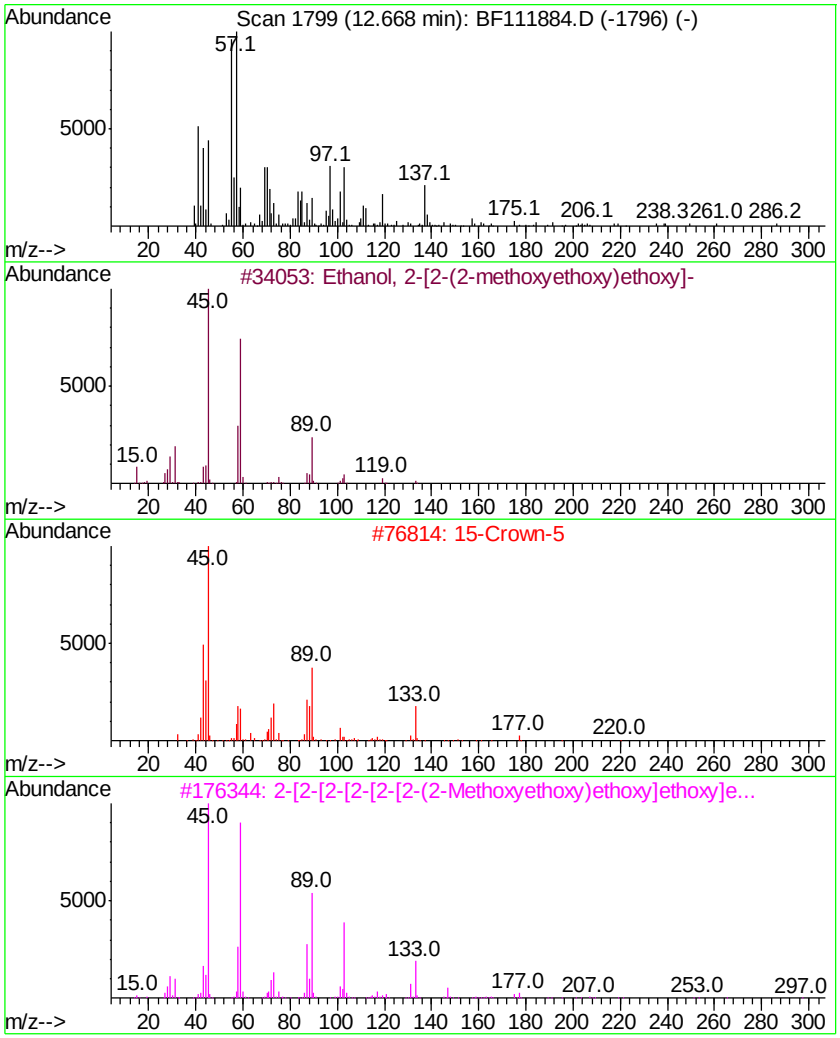
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

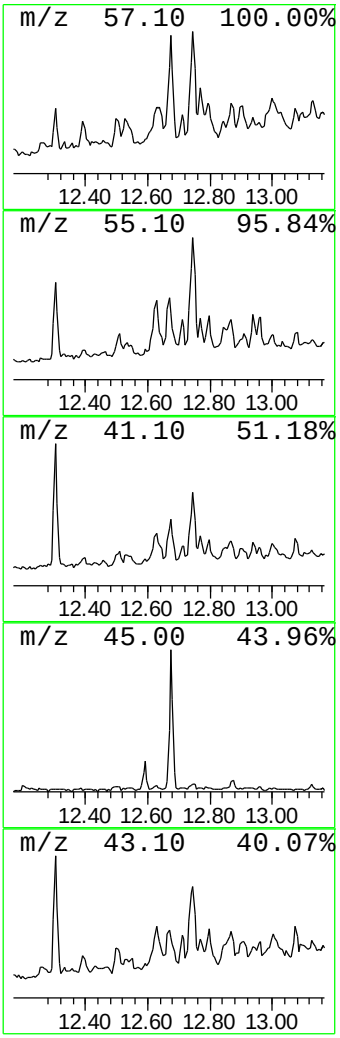
****

Peak Number 18 unknown12.67 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	9.58 ng	390764	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	35
2	15-Crown-5	220	C10H20O5	033100-27-5	35
3	2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	1000352-04-1	27
4	Butyl 2,5,8,11,14,17,20-heptaoxa...	410	C19H38O9	1000366-81-9	27
5	2-[2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

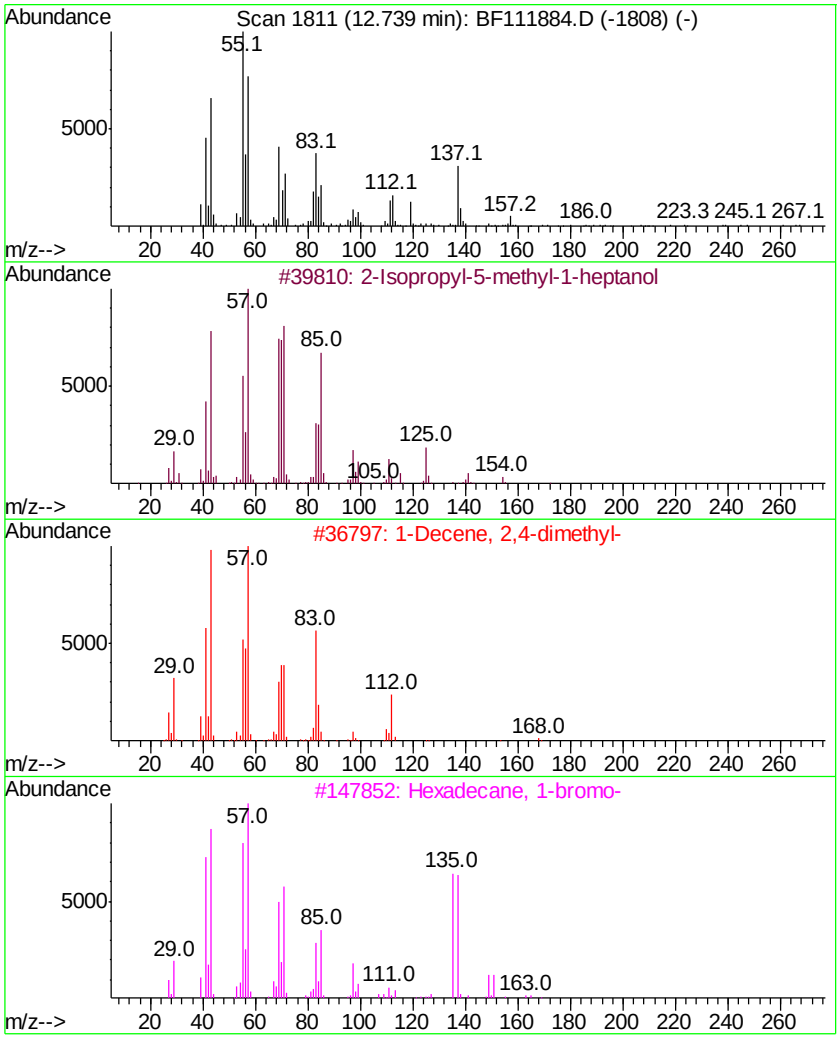
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

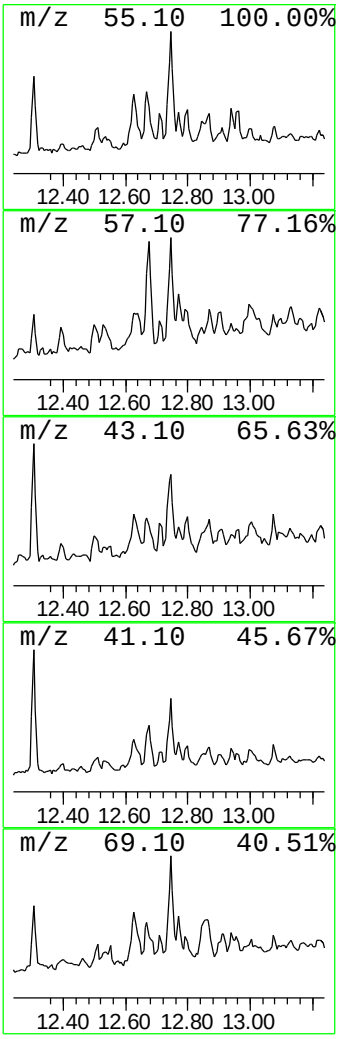
****

Peak Number 19 unknown12.74 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	11.42 ng	519004	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	38
2	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	35
3	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	27
4	Pentafluoropropionic acid, nonyl...	290	C12H19F5O2	959100-35-7	27
5	3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

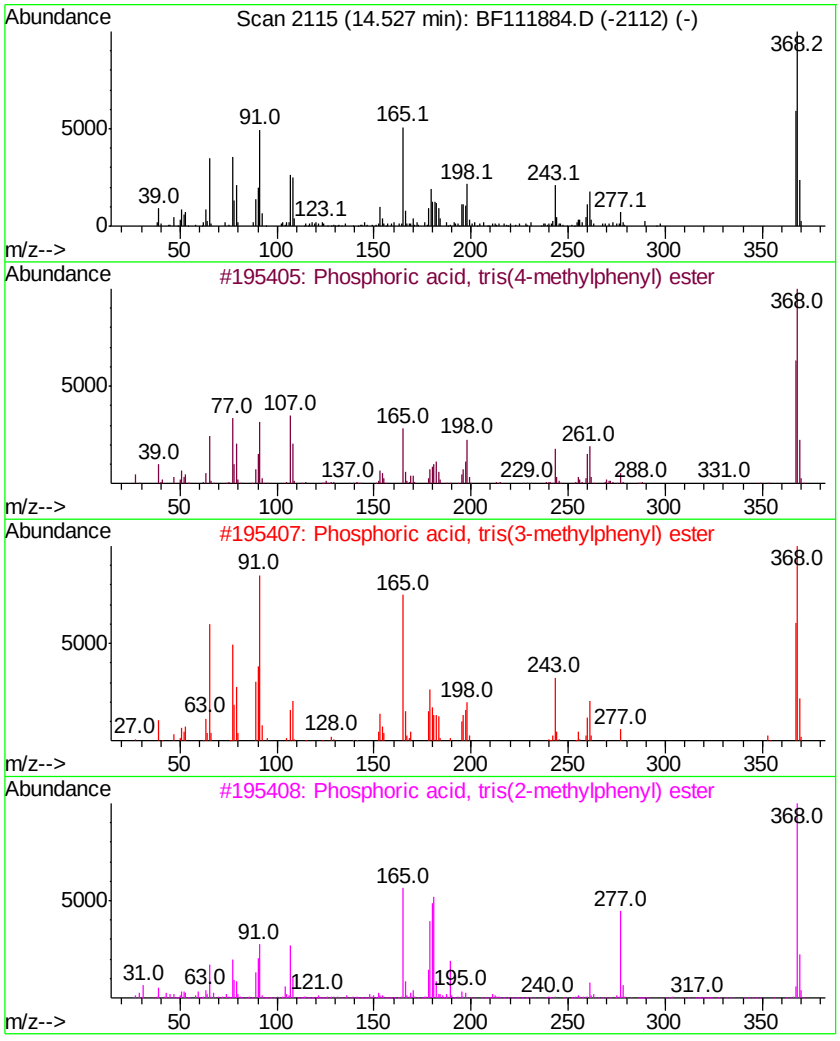
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

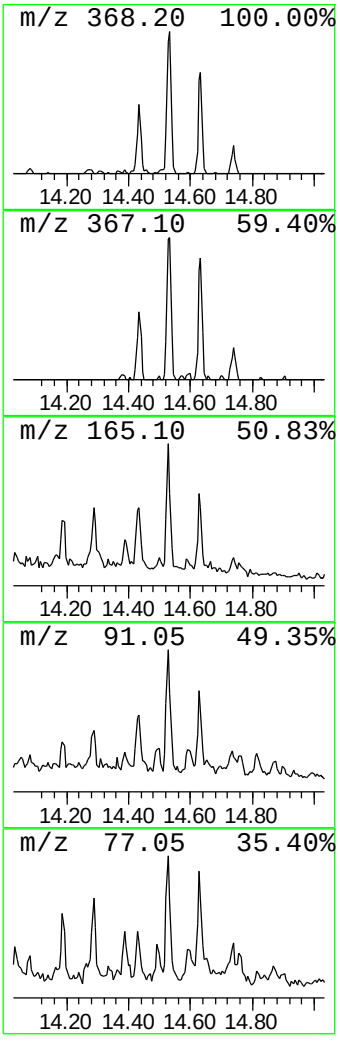
****

Peak Number 20 Phosphoric acid, tris(4-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	7.80 ng	354385	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	99
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
3	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	46
4	Pyrimidine-4,6-dione, hexahydro-...	368	C19H16N2O4S	310421-18-2	43
5	[2-(4-methylphenyl)-[benzo(f)(1-...	368	C22H18N2Ni	1000193-28-5	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BUR-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
Butane, 2-methoxy...	2.18	11.4	ng	476127	1	6.89	836993	20.0
Propanoic acid, 3...	5.62	9.1	ng	379967	1	6.89	836993	20.0
unknown6.66	6.66	81.4	ng	3406000	1	6.89	836993	20.0
1-Hexanol, 2-ethyl-	6.95	23.2	ng	972632	1	6.89	836993	20.0
Hexanoic acid, 2-...	7.59	8.5	ng	725453	2	8.17	1713140	20.0
Phenol, 2-ethyl-4...	8.53	26.1	ng	2239880	2	8.17	1713140	20.0
Phenol, 3,4,5-tri...	8.60	11.8	ng	1007250	2	8.17	1713140	20.0
Cyclohexane, 1,1,...	8.62	9.8	ng	839433	2	8.17	1713140	20.0
unknown8.69	8.69	7.3	ng	628971	2	8.17	1713140	20.0
Cyclohexane, 1,2,...	8.72	8.5	ng	730319	2	8.17	1713140	20.0
unknown9.06	9.06	7.7	ng	948177	3	9.93	2467770	20.0
11-Methyldodecanol	9.34	13.6	ng	1679190	3	9.93	2467770	20.0
1H-Indene, octahy...	9.65	7.3	ng	901795	3	9.93	2467770	20.0
unknown10.94	10.94	11.8	ng	481890	4	11.41	816027	20.0
3,5-di-tert-Butyl...	11.15	9.1	ng	371728	4	11.41	816027	20.0
Hexanoic acid, 2-...	12.30	19.7	ng	803230	4	11.41	816027	20.0
unknown12.67	12.67	9.6	ng	390764	4	11.41	816027	20.0
unknown12.74	12.74	11.4	ng	519004	5	14.05	909115	20.0
Phosphoric acid, ...	14.53	7.8	ng	354385	5	14.05	909115	20.0