LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103454.D
Acq On : 6 Mar 2018 14:30
Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	5.087	508	510	520	rVB	68015	98088	1.20%	0.094%
2	5.492	575	579	600	rBV	2064934	2935708	35.88%	2.801%
3	6.386	727	731	736	rVB4	81470	86724	1.06%	0.083%
4	6.516	749	753	764	rBV	2157269	3038005	37.13%	2.899%
5	6.645	771	775	779	rBV	2642835	2631994	32.17%	2.511%
6	6.692	779	783	791	rVB2	416375	554230	6.77%	0.529%
7	6.869	810	813	818	rBV	807270	755421	9.23%	0.721%
8	6.963	826	829	831	rBV	90338	84422	1.03%	0.081%
9	7.028	837	840	847	rVB	2162319	2007718	24.54%	1.916%
10	7.134	855	858	861	rVB2	108963	99055	1.21%	0.095%
11	7.175	861	865	873	rVB	483536	604278	7.39%	0.577%
12	7.239	873	876	877	rBV2	117747	105729	1.29%	0.101%
13	7.257	877	879	882	rVB2	117732	94695	1.16%	0.090%
14	7.292	882	885	894	rBV2	197579	422562	5.16%	0.403%
15	7.381	897	900	905	rBV2	391265	395913	4.84%	0.378%
16	7.439	905	910	916	rBV2	1777199	2203485	26.93%	2.102%
17	7.539	924	927	928	rBV2	71165	88242	1.08%	0.084%
18	7.575	930	933	935	rVB3	125126	129675	1.59%	0.124%
19	7.633	940	943	945	rBV3	87914	92236	1.13%	0.088%
20	7.669	945	949	950	rVV2	103423	147102	1.80%	0.140%
21	7.704	950	955	958	rVB	370291	506655	6.19%	0.483%
22	7.822	973	975	978	rVB4	120362	117513	1.44%	0.112%
23	7.886	983	986	989	rBV2	256257	259128	3.17%	0.247%
24	7.939	992	995	1001	rVB3	204833	268381	3.28%	0.256%
25	7.986	1001	1003	1006	rBV	166605	142685	1.74%	0.136%
26	8.051	1011	1014	1017	rBV3	79832	130305	1.59%	0.124%
27	8.122	1023	1026	1029	rBV	657479	537808	6.57%	0.513%
28	8.157	1029	1032	1035	rVV	882783	945012	11.55%	0.902%
29	8.198	1037	1039	1042	rVV2	295000	256332	3.13%	0.245%
30	8.228	1042	1044	1047	rVB2	169938	142927	1.75%	0.136%
31	8.292	1052	1055	1058	rBV4	97717	116572	1.42%	0.111%
32	8.433	1076	1079	1083	rVB5	158960	187135	2.29%	0.179%
33	8.516	1090	1093	1097	rVB3	169696	172086	2.10%	0.164%
34	8.557	1097	1100	1103	rBV	275464	230905	2.82%	0.220%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
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Acq On : 6 Mar 2018 14:30
Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.651	1113	1116	1118	rBV	777367	671824	8.21%	0.641%
36	8.680	1118	1121	1124	rVV2	362854	478038	5.84%	0.456%
37	8.728	1127	1129	1132	rVV	592815	525757	6.43%	0.502%
38	8.816	1140	1144	1148	rBV3	340524	435317	5.32%	0.415%
39	8.892	1155	1157	1160	rVB2	192606	185330	2.27%	0.177%
40	8.957	1166	1168	1169	rBV	167579	132922	1.62%	0.127%
41	8.975	1169	1171	1172	rVV2	123387	94873	1.16%	0.091%
42	9.075	1182	1188	1190	rBV	630075	933789	11.41%	0.891%
43	9.116	1193	1195	1198	rVV	767093	735532	8.99%	0.702%
44	9.157	1199	1202	1205	rVV2	576513	733389	8.96%	0.700%
45	9.186	1205	1207	1209	rVV2	397429	319228	3.90%	0.305%
46	9.227	1209	1214	1218	rVV	2562187	2774094	33.91%	2.647%
47	9.257	1218	1219	1221	rVV	377618	312556	3.82%	0.298%
48	9.292	1221	1225	1229	rVV	2101602	2398429	29.32%	2.288%
49	9.333	1230	1232	1235	rVV2	317250	385314	4.71%	0.368%
50	9.369	1235	1238	1239	rVV	458819	531859	6.50%	0.507%
51	9.410	1242	1245	1248	rVV2	1244315	1574498	19.25%	1.502%
52	9.439	1248	1250	1251	rVV	195490	140939	1.72%	0.134%
53	9.457	1251	1253	1256	rVV	423010	439733	5.37%	0.420%
54	9.486	1256	1258	1260	rVV	320246	290495	3.55%	0.277%
55	9.533	1263	1266	1270	rVV2	225355	300519	3.67%	0.287%
56	9.569	1270	1272	1277	rVV3	246399	299121	3.66%	0.285%
57	9.616	1277	1280	1282	rVV3	622989	617479	7.55%	0.589%
58	9.645	1283	1285	1288	rVB3	222721	212553	2.60%	0.203%
59	9.769	1303	1306	1308	rBV2	347326	286714	3.50%	0.274%
60	9.827	1311	1316	1318	rVB2	449788	538187	6.58%	0.513%
61	9.863	1319	1322	1325	rBV2	701536	758957	9.28%	0.724%
62	9.916	1327	1331	1333	rVB2	827022	873156	10.67%	0.833%
63	9.975	1338	1341	1343	rVB	490860	435601	5.32%	0.416%
64	9.998	1343	1345	1347	rBV	226755	194204	2.37%	0.185%
65	10.086	1358	1360	1362	rBV2	240202	199373	2.44%	0.190%
66	10.316	1396	1399	1400	rBV2	497168	467432	5.71%	0.446%
67	10.374	1407	1409	1415	rVB2	658050	777306	9.50%	0.742%
68	10.433	1416	1419	1421	rBV	409451	432604	5.29%	0.413%
69	10.551	1436	1439	1441	rVV	395941	331293	4.05%	0.316%
70	10.574	1441	1443	1446	rVB	403641	275006	3.36%	0.262%
71	10.692	1461	1463	1464	rBV	530100	376382	4.60%	0.359%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.716	1464	1467	1470	rVB2	717875	780214	9.54%	0.744%
73	10.774	1474	1477	1481	rBV	786490	1048255	12.81%	1.000%
74	10.816	1481	1484	1486	rBV3	460738	658663	8.05%	0.628%
75	10.874	1491	1494	1497	rBV	1450256	1528933	18.69%	1.459%
76	10.963	1505	1509	1511	rBV2	2804803	3677418	44.95%	3.509%
77	10.992	1511	1514	1518	rVB	2503232	2605194	31.84%	2.486%
78	11.051	1520	1524	1527	rVB	2757762	2992596	36.58%	2.855%
79	11.169	1539	1544	1549	rBV	2850418	4254801	52.01%	4.059%
80	11.363	1570	1577	1580	rBV2	3364472	7224373	88.30%	6.893%
81	11.416	1580	1586	1588	rVV	2775636	5217398	63.77%	4.978%
82	11.451	1588	1592	1595	rVB	2695587	3882724	47.46%	3.704%
83	11.516	1598	1603	1605	rVB	2488169	3642733	44.53%	3.475%
84	11.633	1615	1623	1624	rBV	2622387	5551014	67.85%	5.296%
85	11.821	1646	1655	1657	rBV2	2541227	8181320	100.00%	7.806%
86	11.886	1663	1666	1670	rVB	1593603	2351273	28.74%	2.243%
87	11.951	1672	1677	1679	rVV	1402699	2399312	29.33%	2.289%
88	12.068	1691	1697	1699	rBV	1317403	2973047	36.34%	2.837%
89	12.233	1719	1725	1727	rBV4	1653943	3784445	46.26%	3.611%

Sum of corrected areas: 104812242

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
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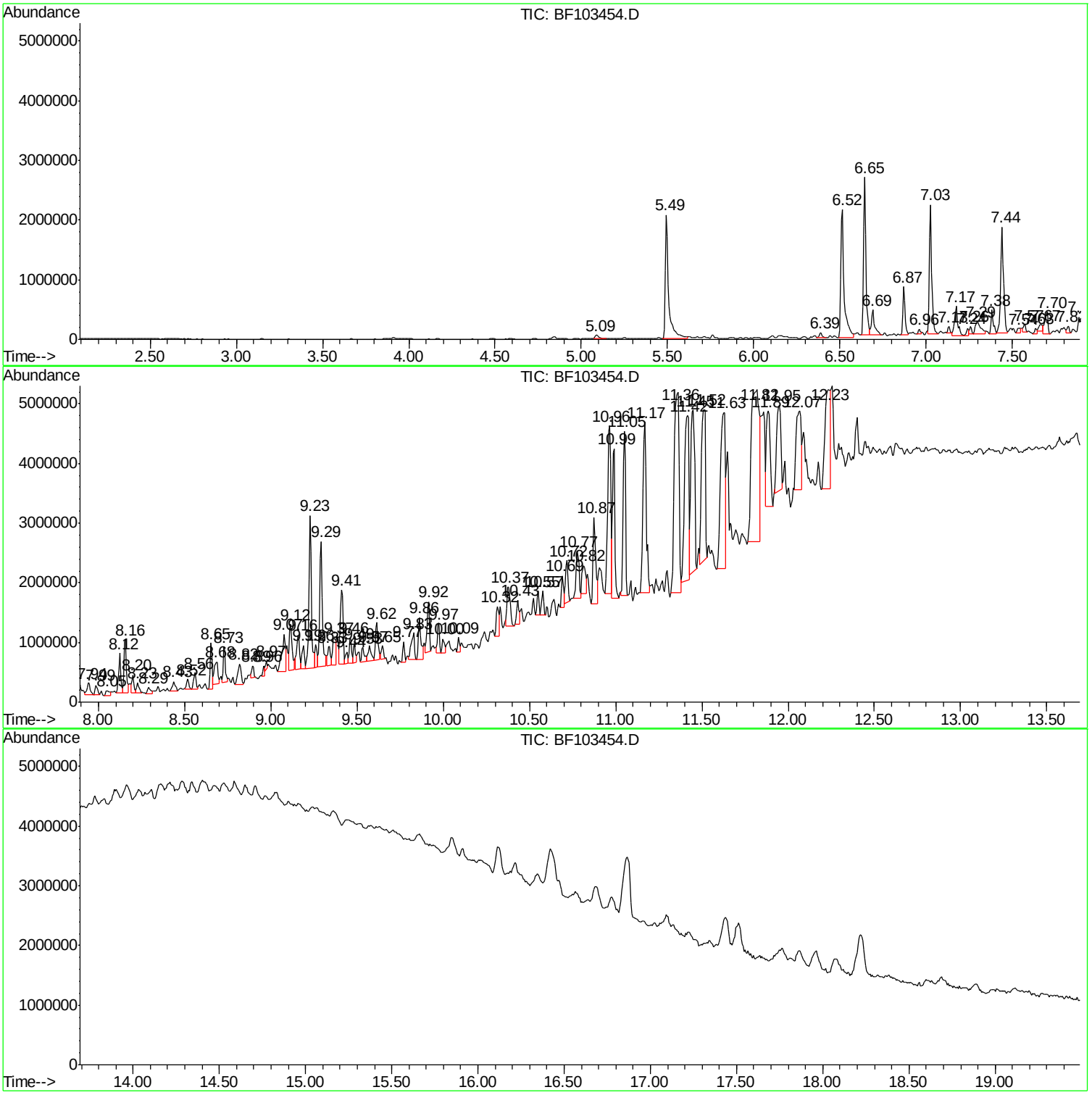
Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103454.D
Acq On : 6 Mar 2018 14:30
Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

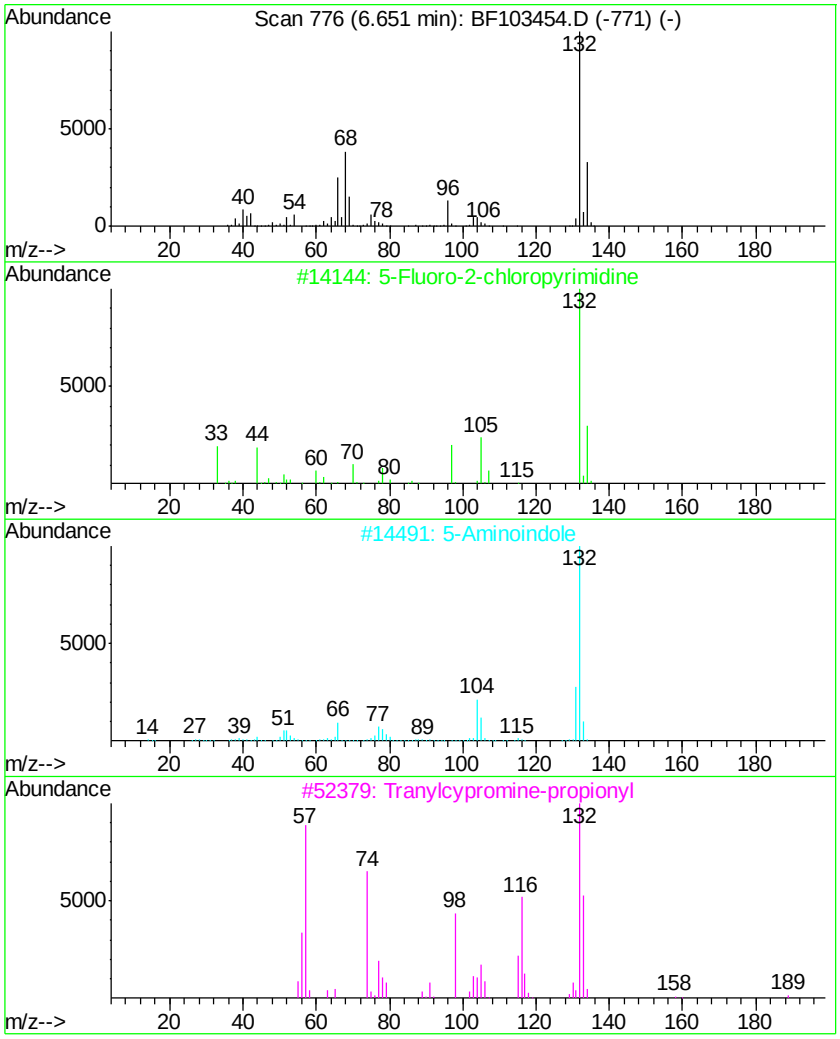
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

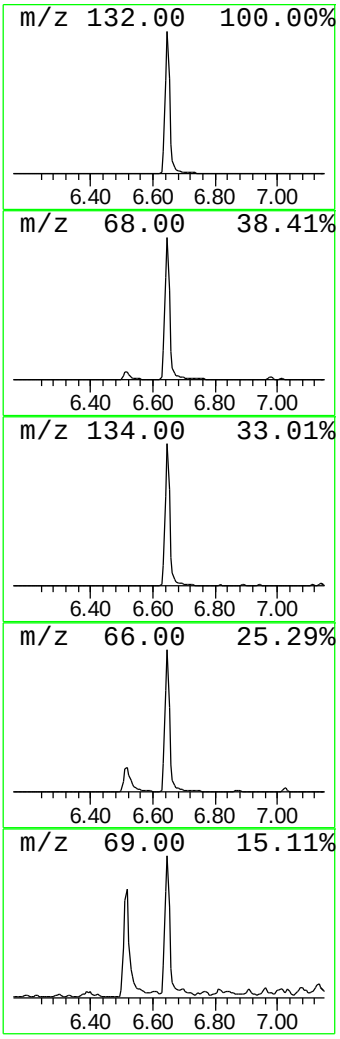
****

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	69.68 ng	2631990	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103454.D
Acq On : 6 Mar 2018 14:30
Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

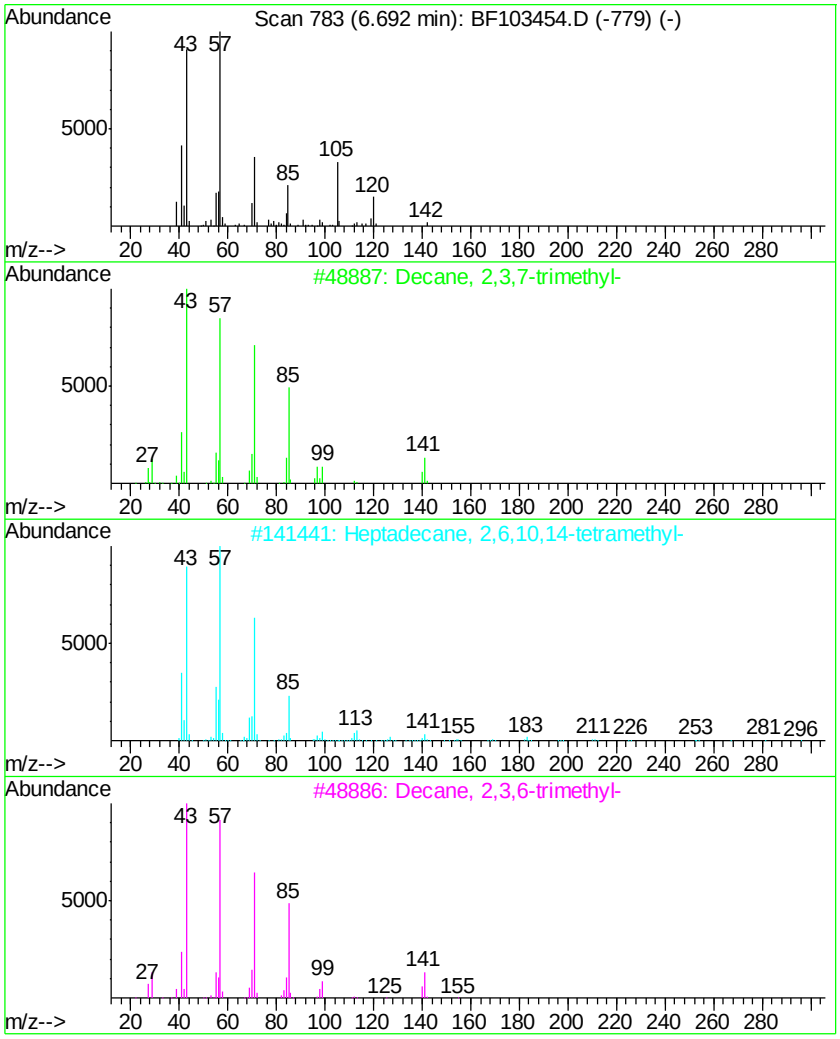
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

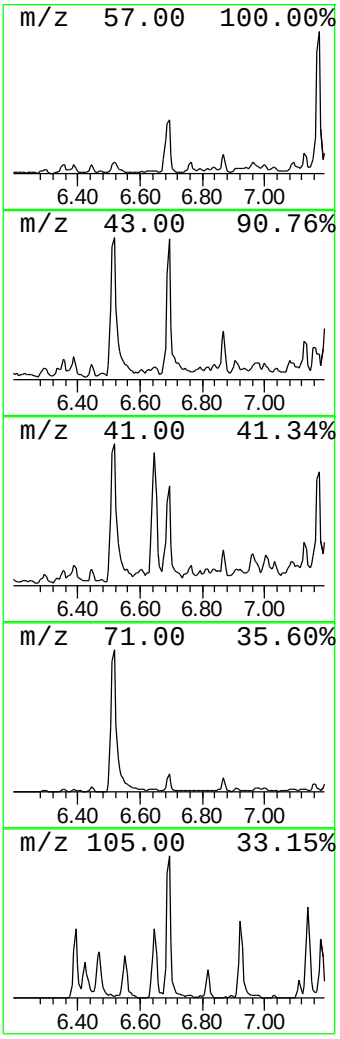
****

Peak Number 2 Decane, 2,3,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	14.67 ng	554230	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	50
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	50
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50
4	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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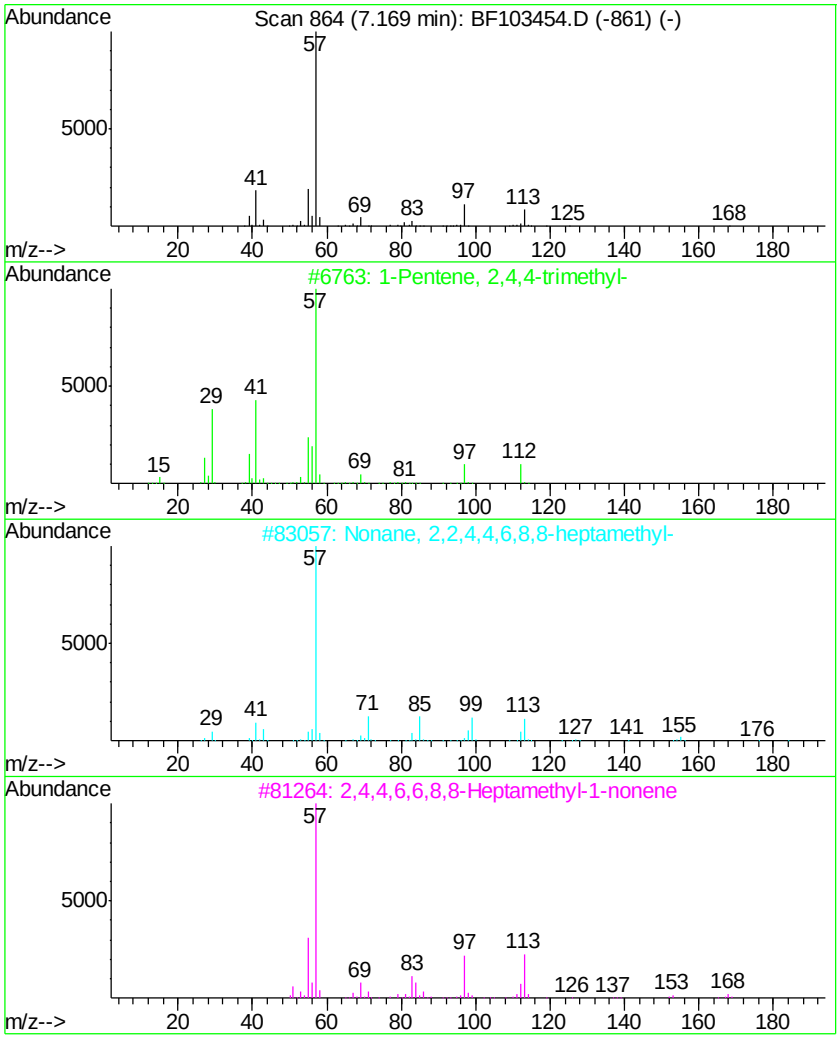
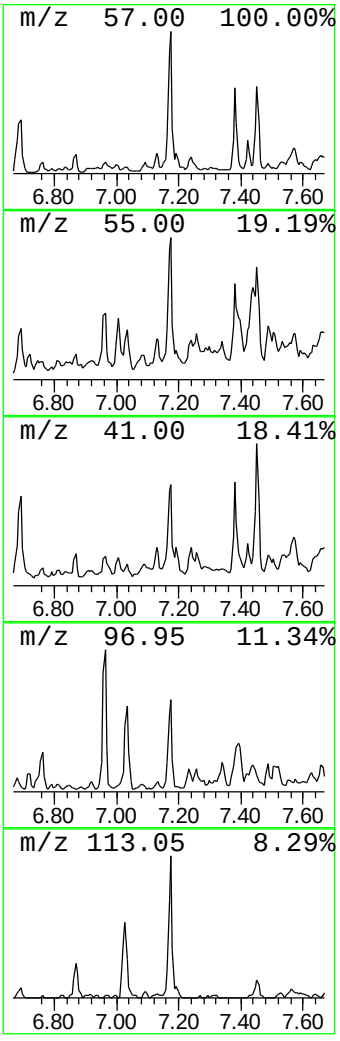
Peak Number 4 unknown7.17 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	16.00 ng	604278	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	38
2	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
3	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	9
4	1,5-Hexadien-3-ol	98	C6H10O	000924-41-4	9
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

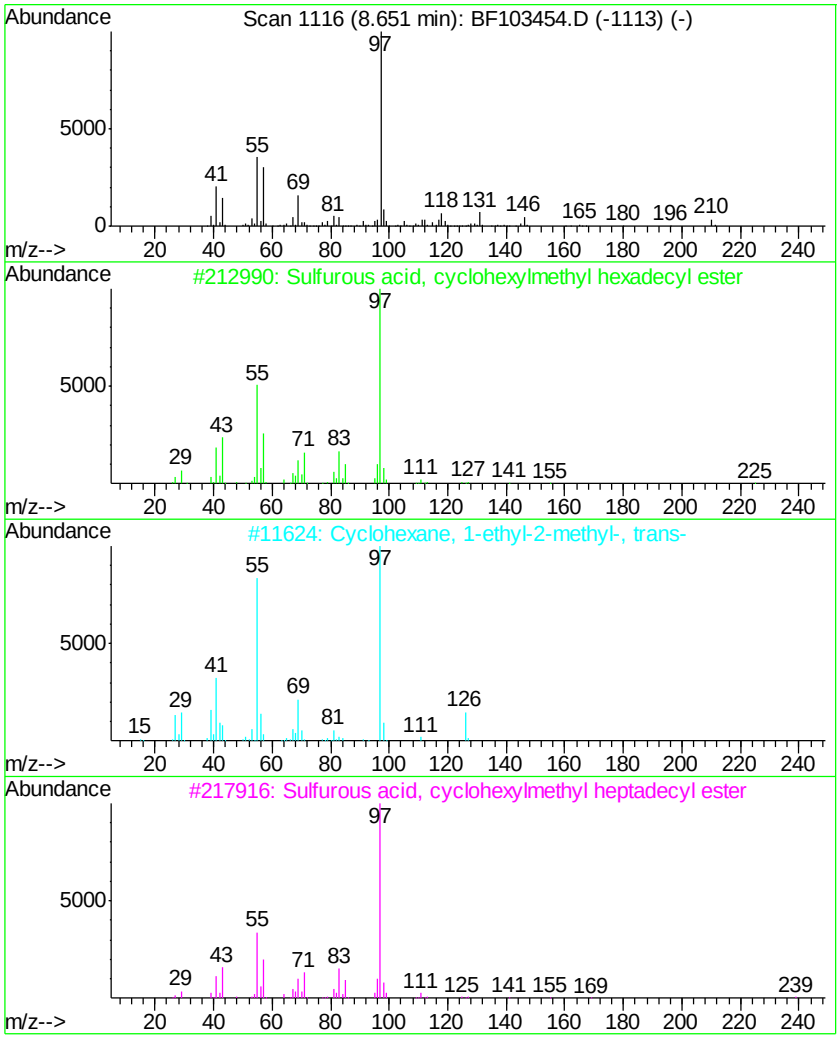
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

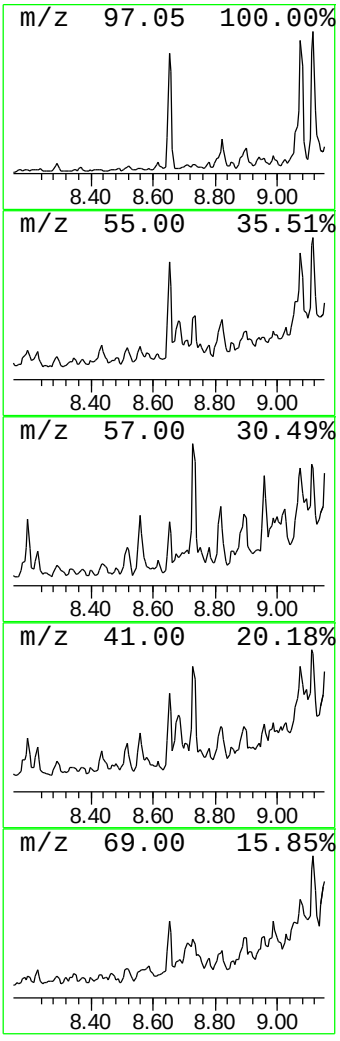
****

Peak Number 5 Sulfurous acid, cyclohexylm... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	14.22 ng	671824	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	59
3	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	45
4	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	45
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	45





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Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

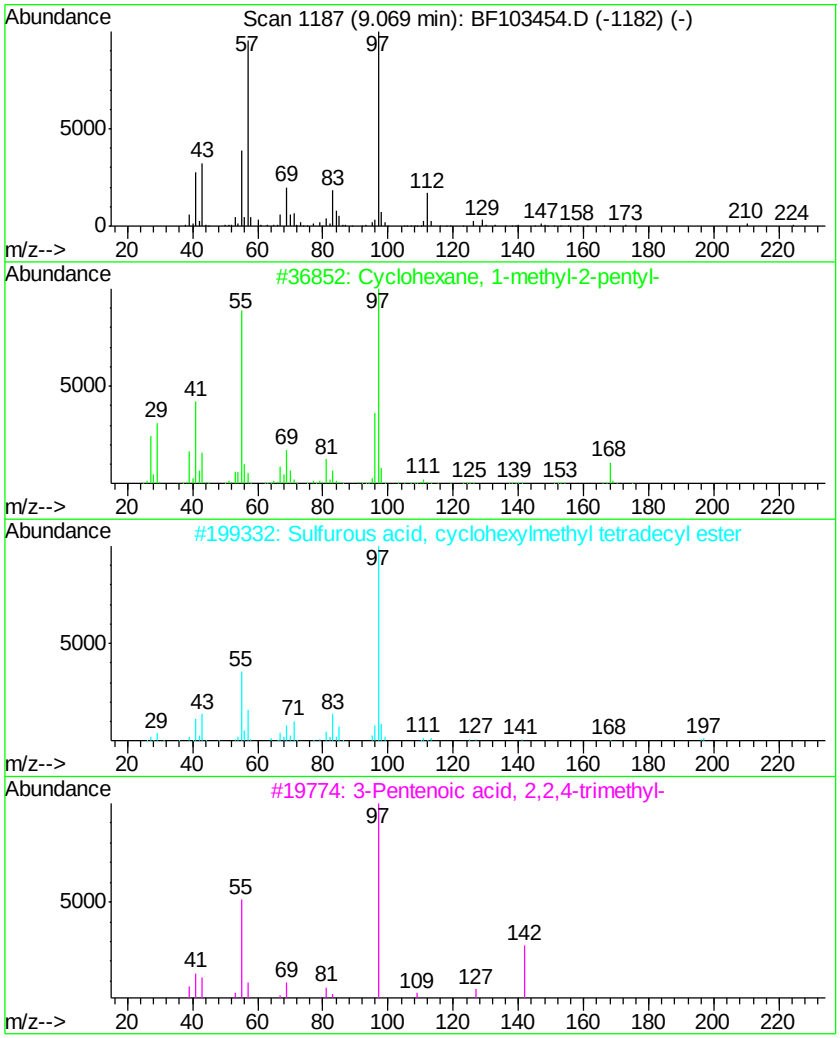
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

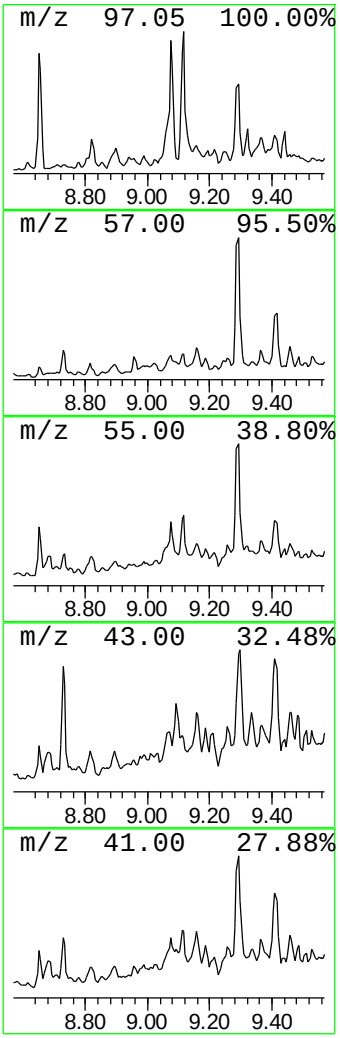
****

Peak Number 6 Cyclohexane, 1-methyl-2-pen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	21.39 ng	933789	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	50
2	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	50
3	3-Pentenoic acid, 2,2,4-trimethyl-	142	C8H14O2	004177-03-1	45
4	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	45
5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	42





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103454.D
Acq On : 6 Mar 2018 14:30
Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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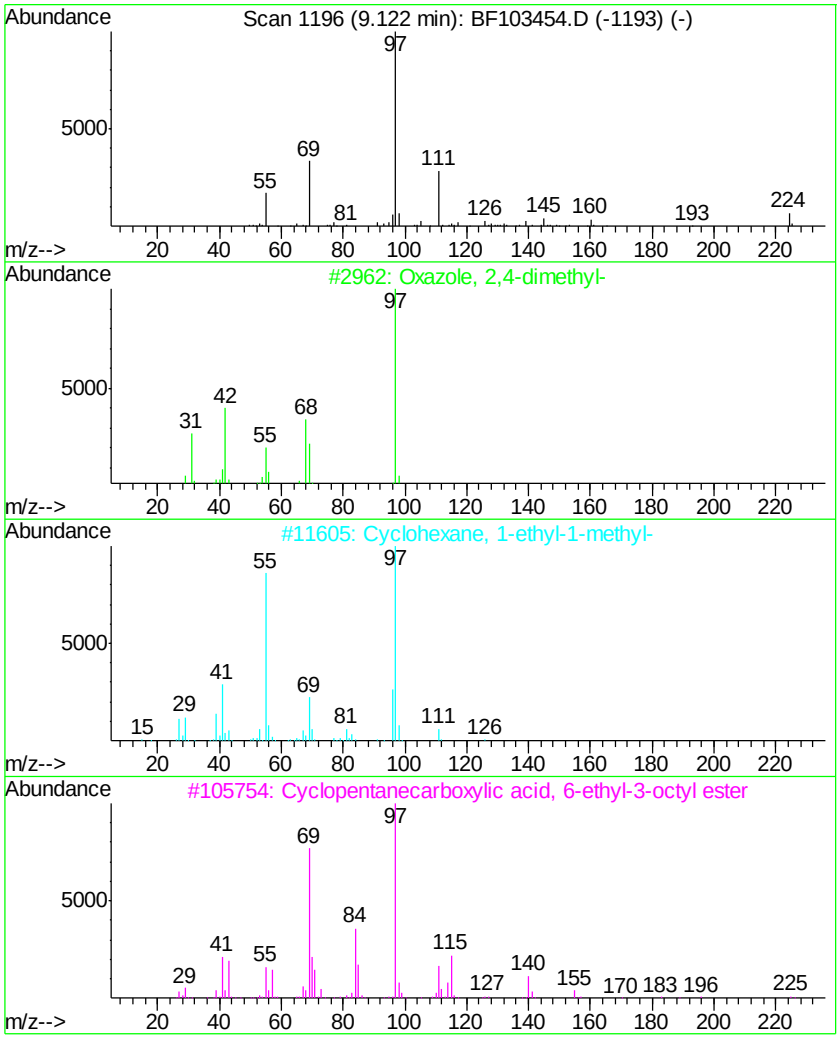
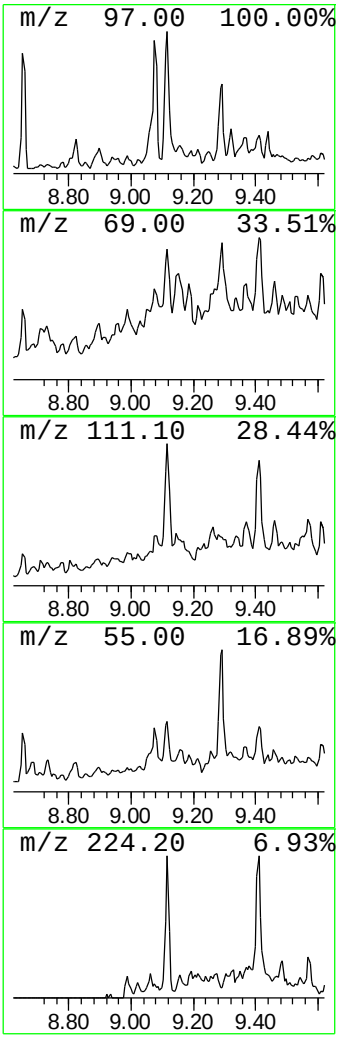
Peak Number 7 Oxazole, 2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	16.85 ng	735532	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	59
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
3	Cyclopentanecarboxylic acid, 6-e...	254	C16H30O2	1000282-59-2	56
4	2,4,4,6,6,8,8-Heptamethyl-2-nonene	224	C16H32	039761-73-4	46
5	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	45





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Sample : J1783-01
Misc :
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ClientSampleId : SLUDGE

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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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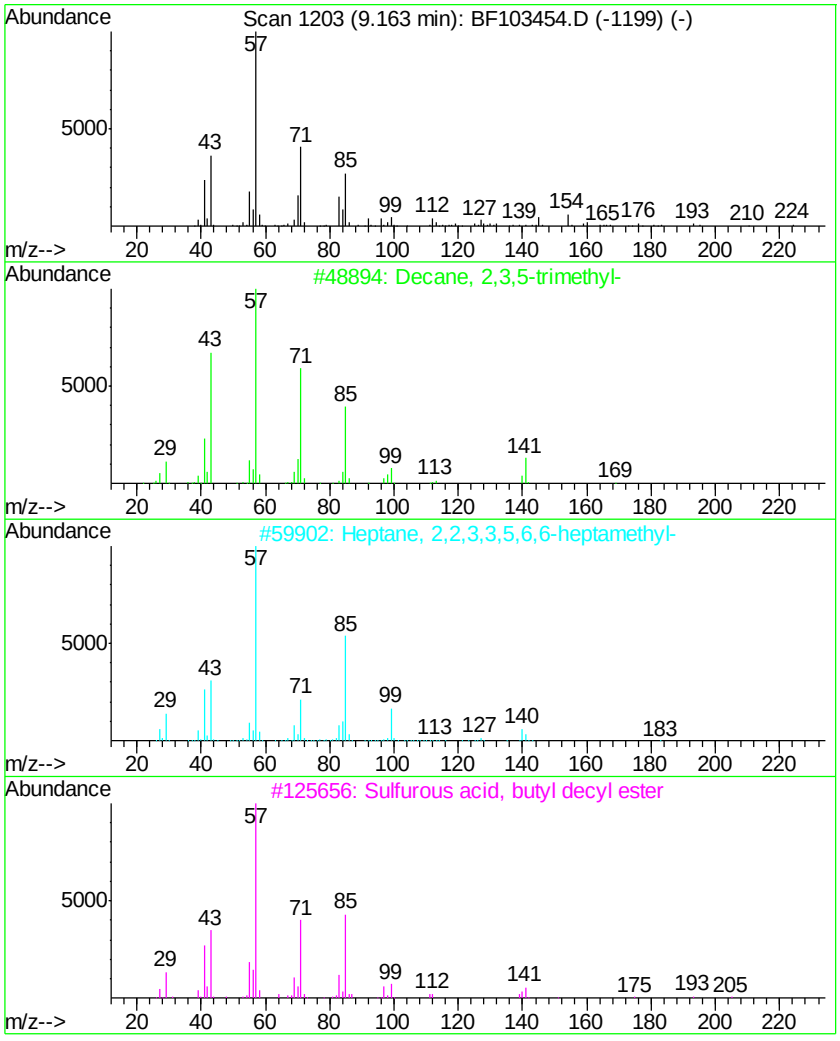
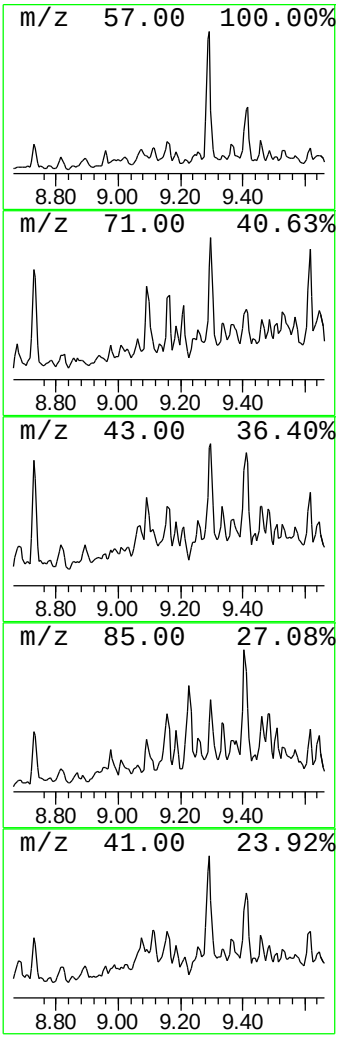
Peak Number 8 unknown9.16 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	16.80 ng	733389	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
2	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	43
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	43
4	Isobutyl undecyl carbonate	272	C16H32O3	1000372-78-8	43
5	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	38





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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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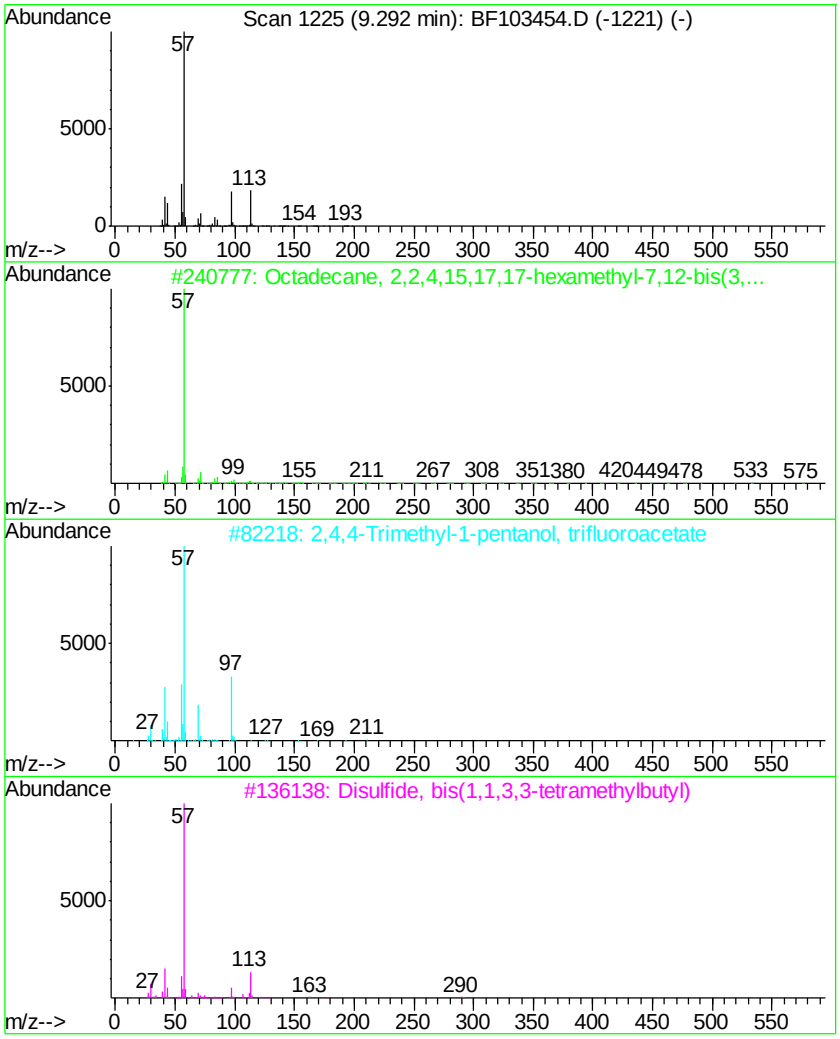
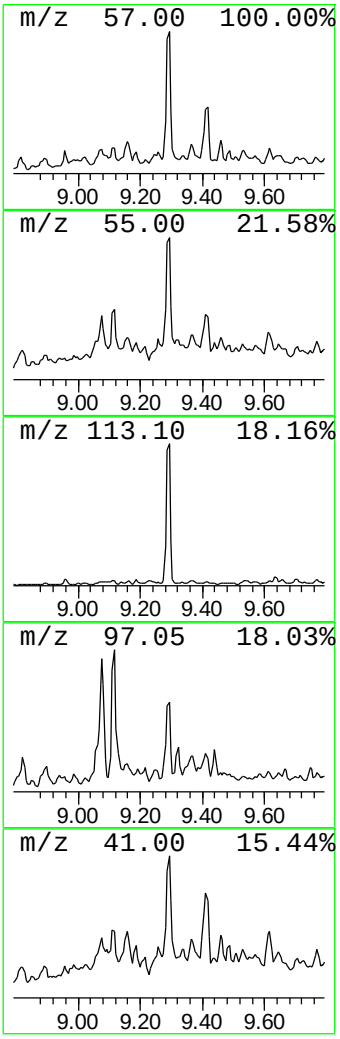
Peak Number 9 Octadecane, 2,2,4,15,17,17-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	54.94 ng	2398430	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	50
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	47
3	Disulfide, bis(1,1,3,3-tetrameth...	290	C16H34S2	029956-99-8	38
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38





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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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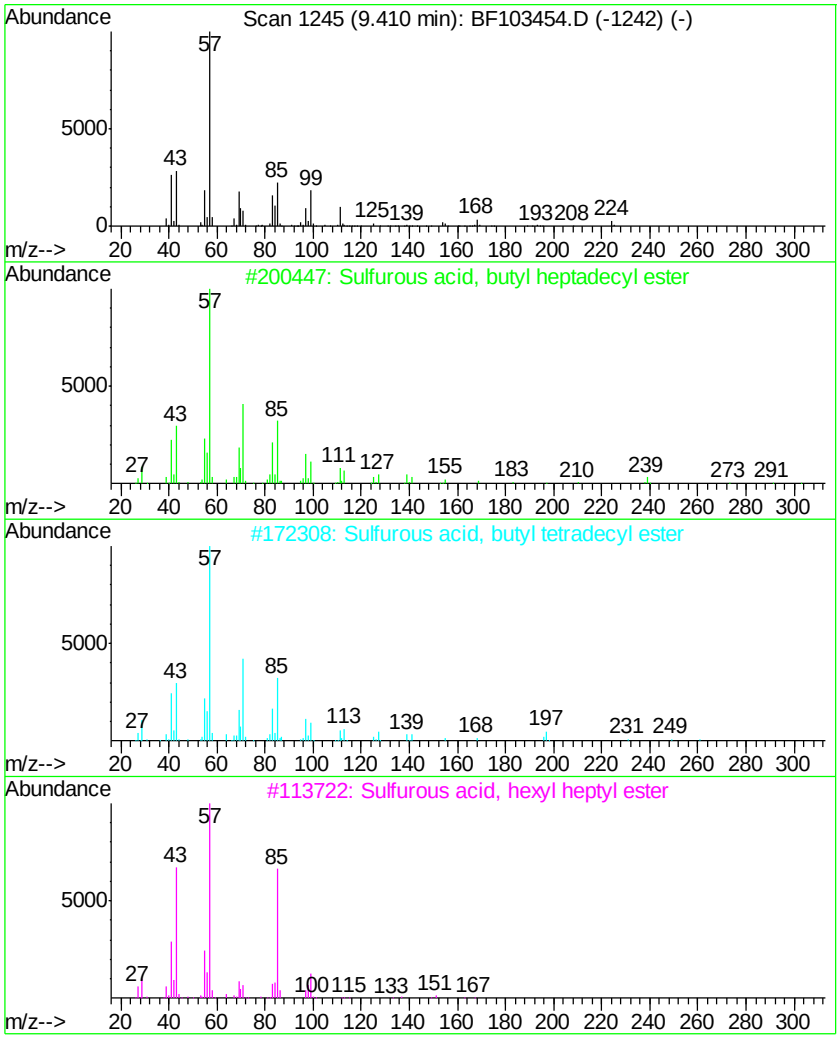
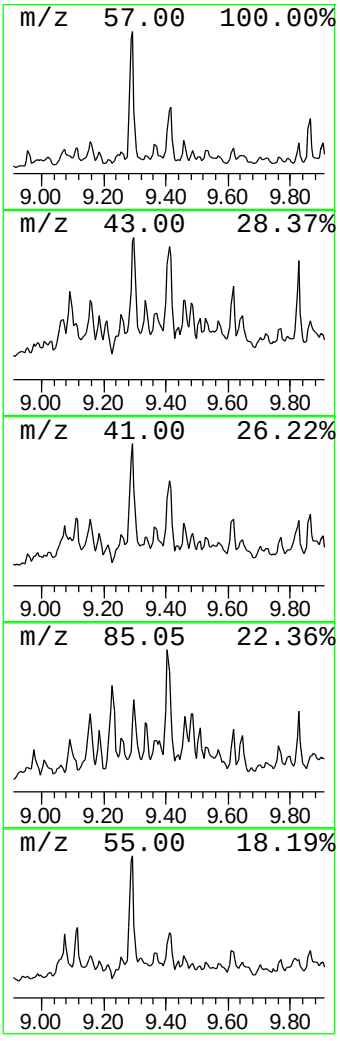
Peak Number 10 Sulfurous acid, butyl hepta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	36.06 ng	1574500	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	50
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	50
3	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	47
4	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	45
5	10-Methylnonadecane	282	C20H42	056862-62-5	45





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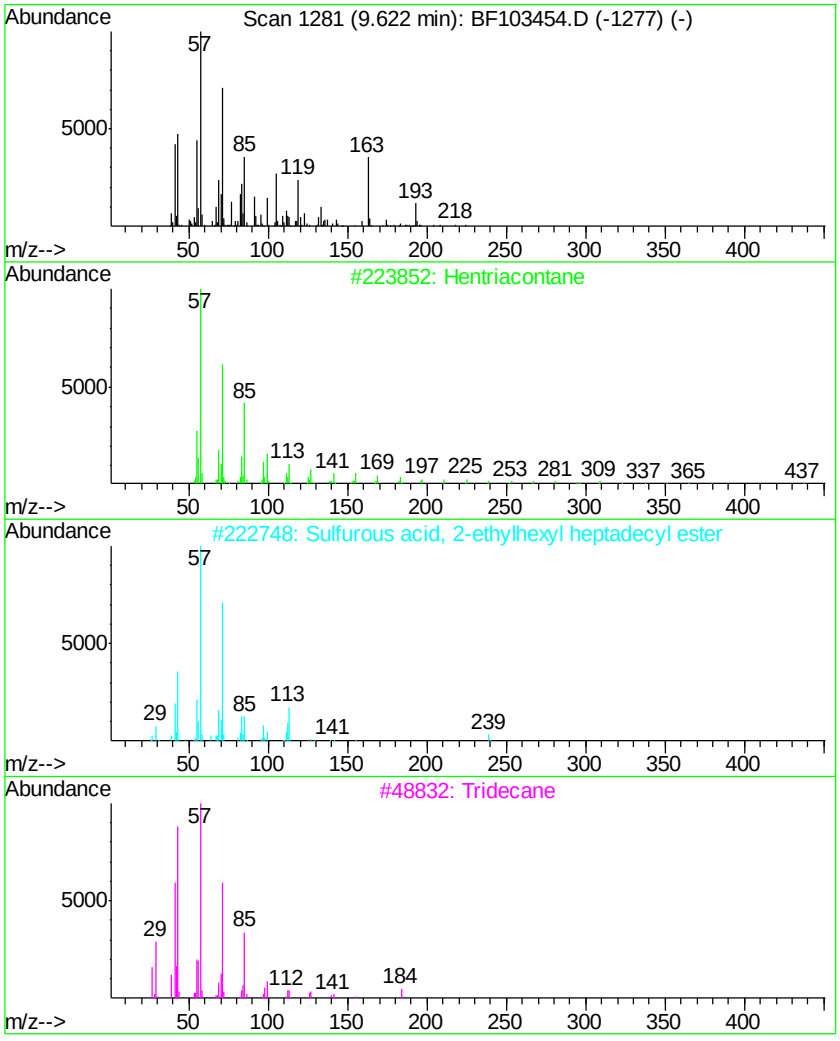
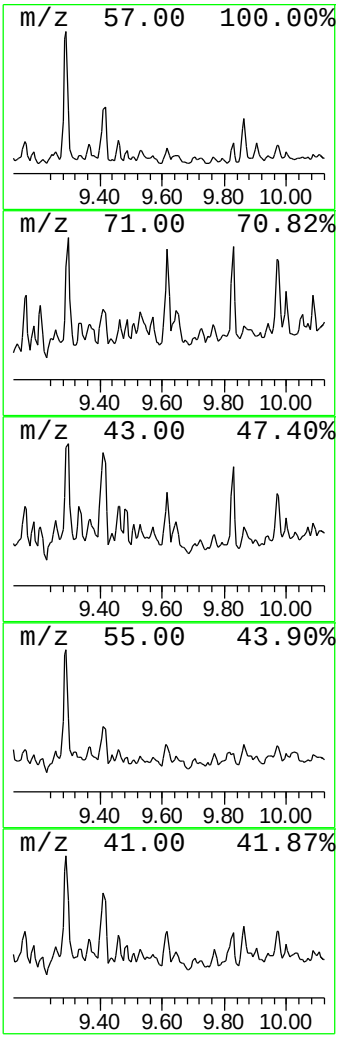
Peak Number 11 unknown9.62 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	14.14 ng	617479	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	43
2	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	35
3	Tridecane	184	C13H28	000629-50-5	35
4	Sulfurous acid, pentadecyl penty...	362	C20H42O3S	1000309-14-8	35
5	Hexadecane	226	C16H34	000544-76-3	35





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TIC Library : C:\DATABASE\NIST11.L
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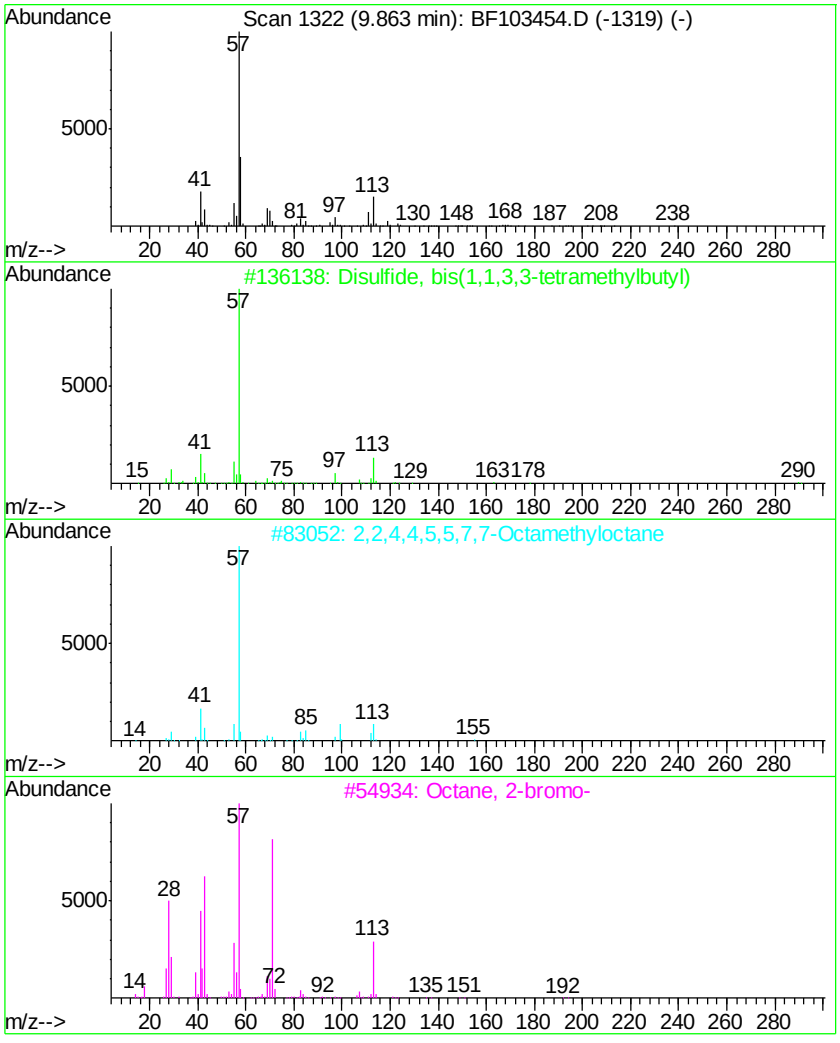
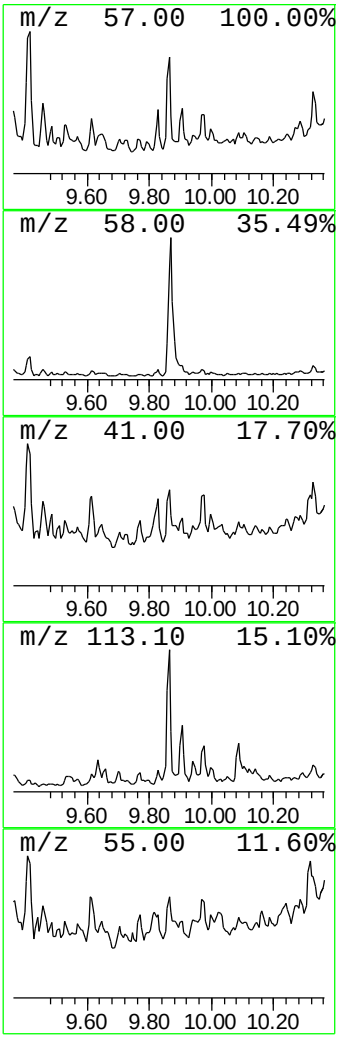
Peak Number 12 unknown9.86 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	17.38 ng	758957	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, bis(1,1,3,3-tetrameth...	290	C16H34S2	029956-99-8	43
2	2,2,4,4,5,5,7,7-Octamethyloctane	226	C16H34	005171-85-7	37
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	28
4	6,8-Dioxabicyclo[3.2.1]octane	114	C6H10O2	000280-16-0	23
5	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	23





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TIC Library : C:\DATABASE\NIST11.L
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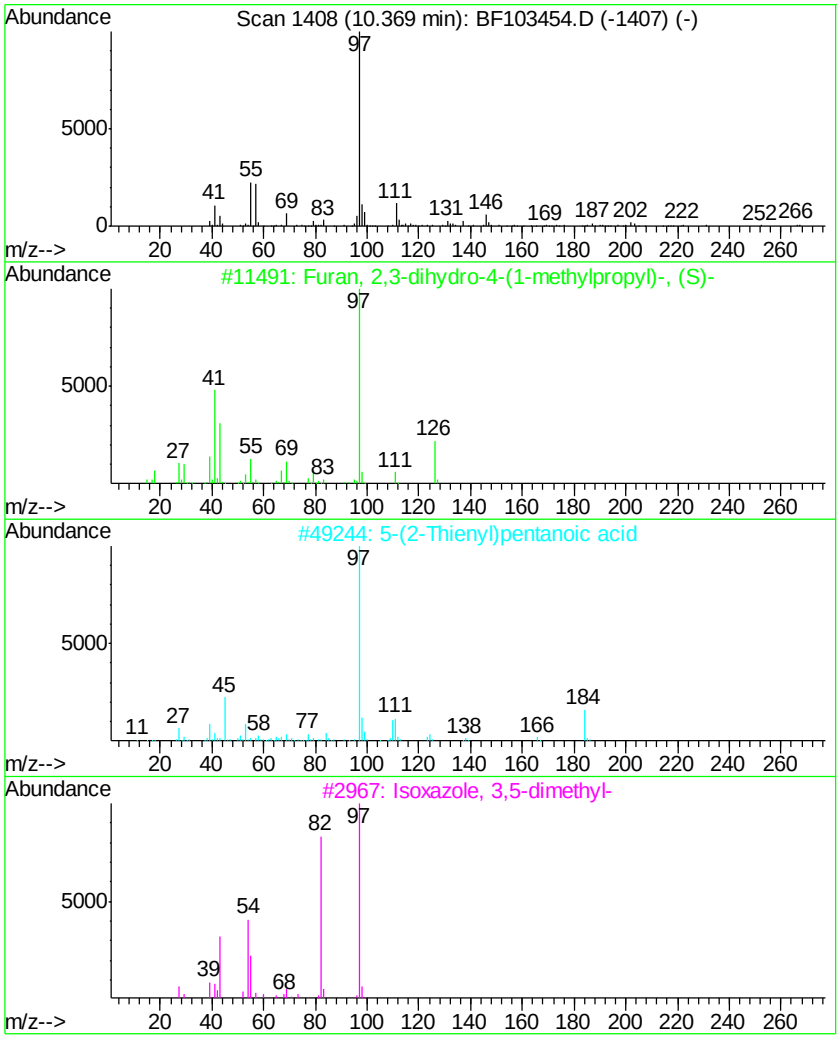
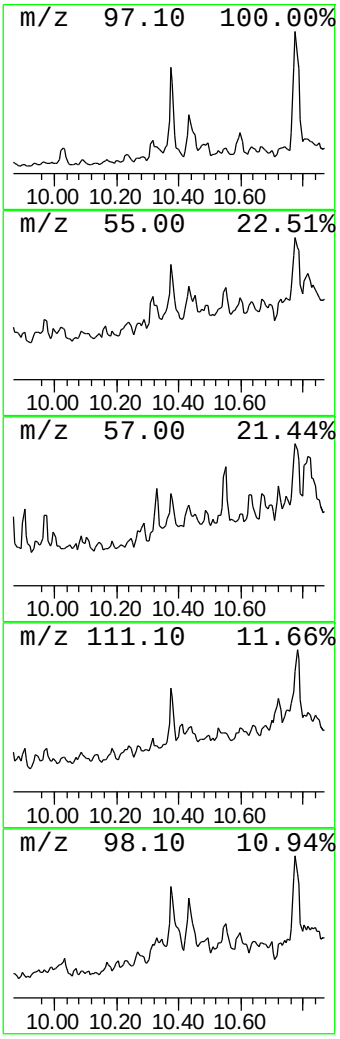
Peak Number 13 unknown10.37 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	17.80 ng	777306	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	40
2	5-(2-Thienyl)pentanoic acid	184	C9H12O2S	021010-06-0	40
3	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	39
4	2-Thiopheneacetic acid, 4-cyanop...	243	C13H9NO2S	1000308-05-7	39
5	2-Thiophenylacetic acid, 2-fluor...	236	C12H9FO2S	1000325-71-6	39





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

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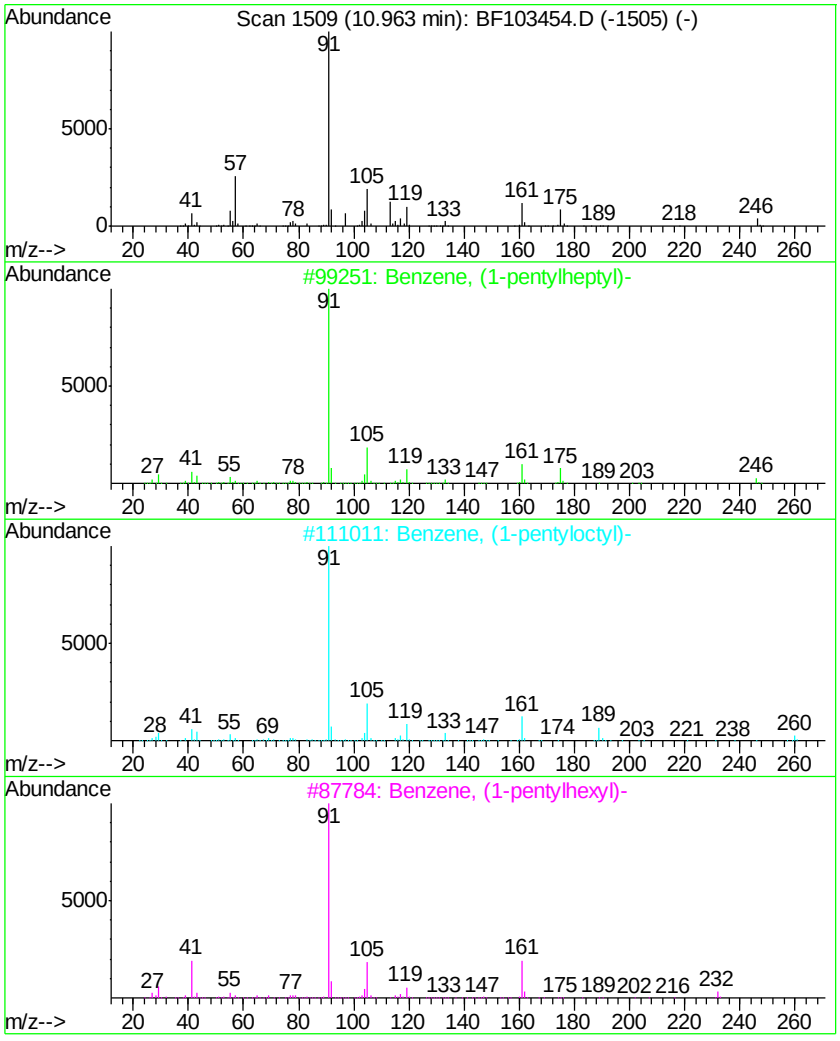
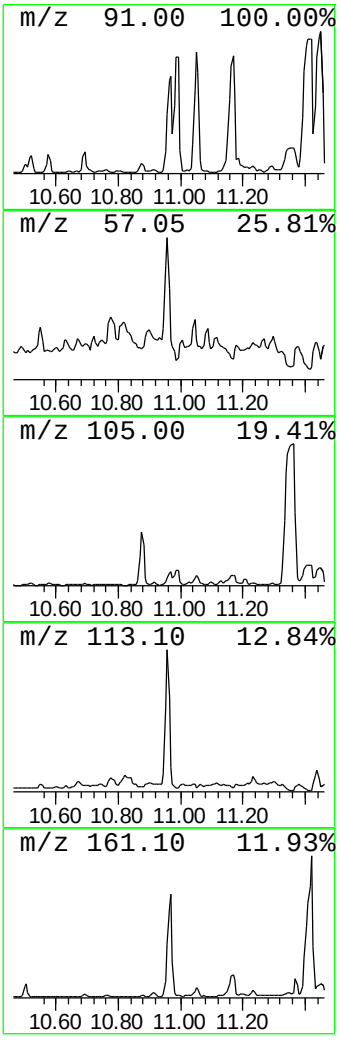
Peak Number 14 Benzene, (1-pentylheptyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	14.10 ng	3677420	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	96
2	Benzene, (1-pentyloctyl)-	260	C19H32	004534-49-0	59
3	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	59
4	Benzene, (1-hexylheptyl)-	260	C19H32	002400-01-3	50
5	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	38





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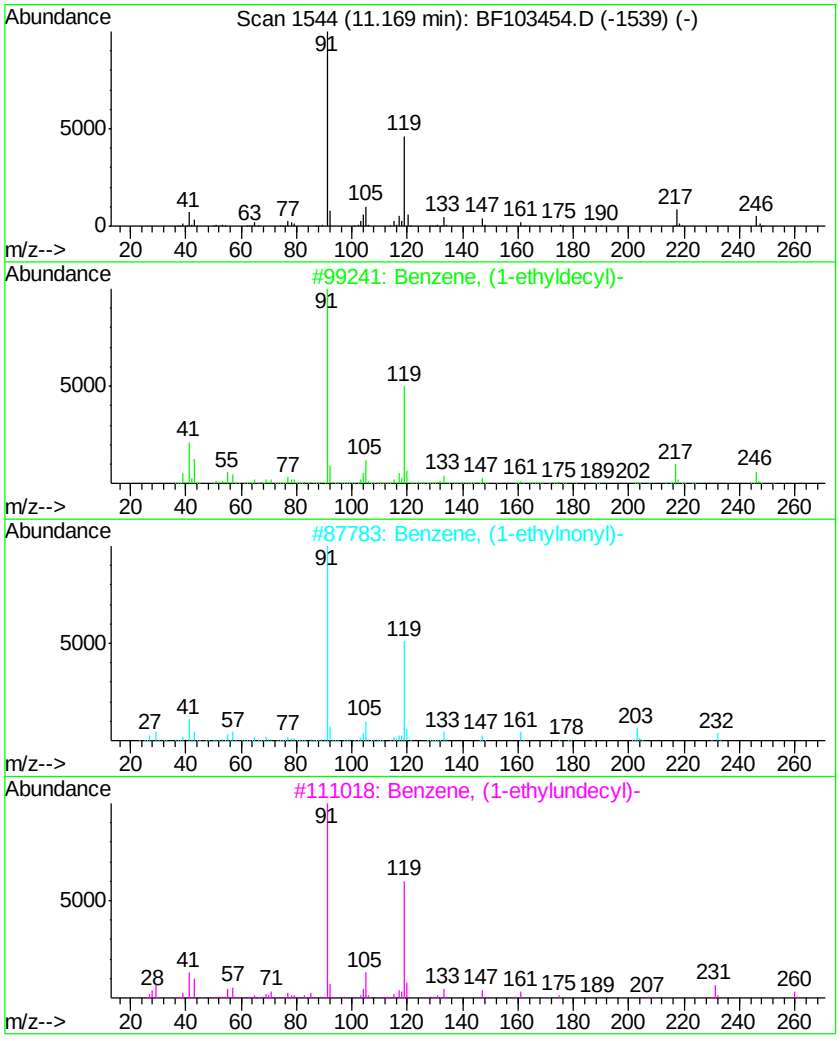
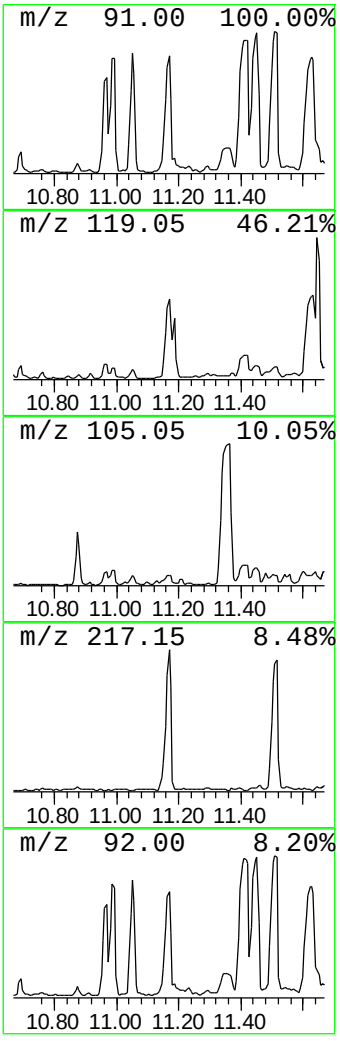
Peak Number 15 Benzene, (1-ethyldecyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	16.31 ng	4254800	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	96
2	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	64
3	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	59
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	59
5	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	53





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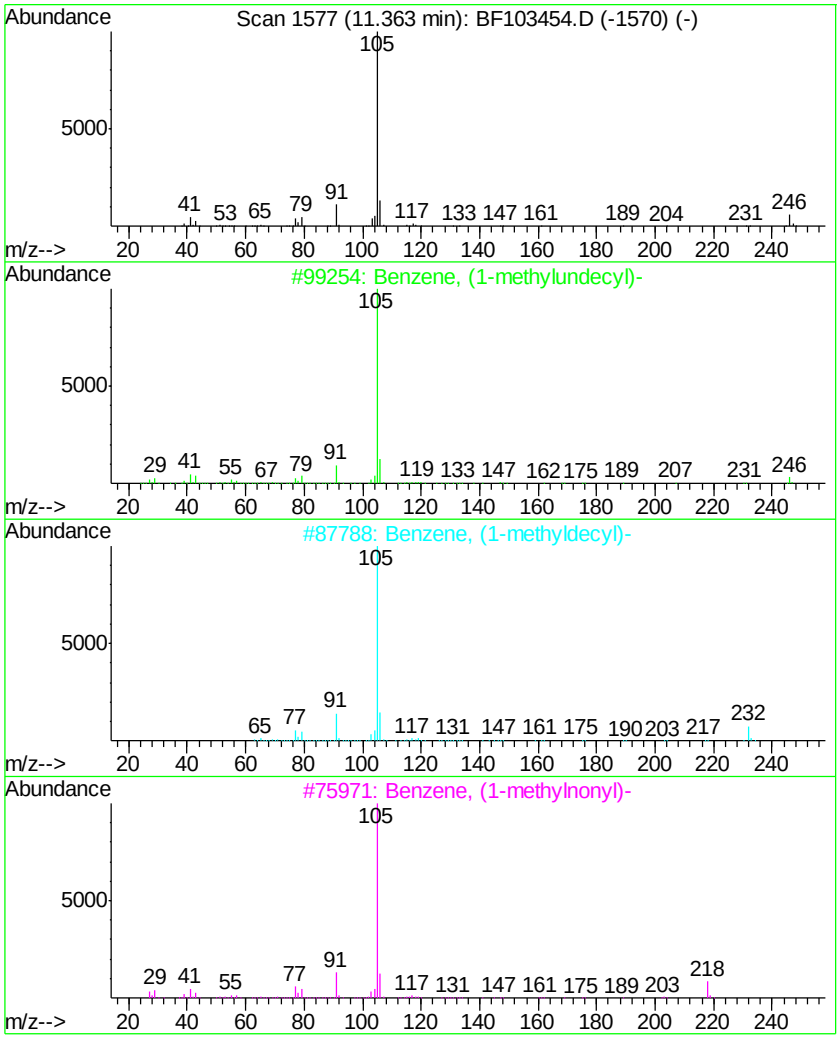
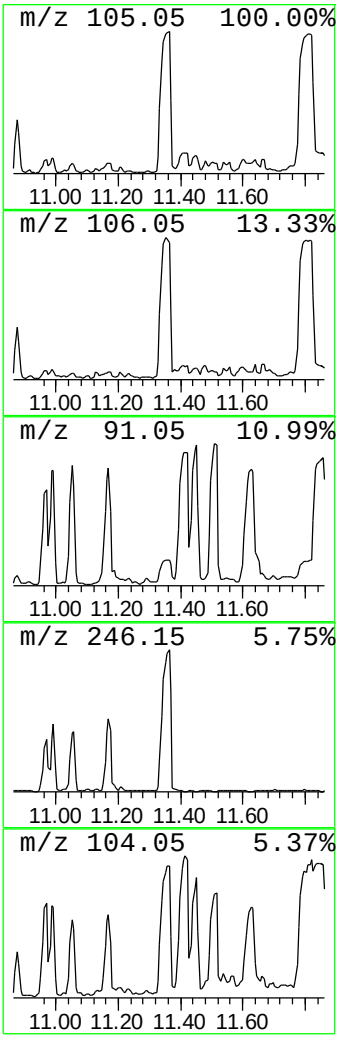
Peak Number 16 Benzene, (1-methylundecyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	27.69 ng	7224370	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	91
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	86
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	78
4	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	72
5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64





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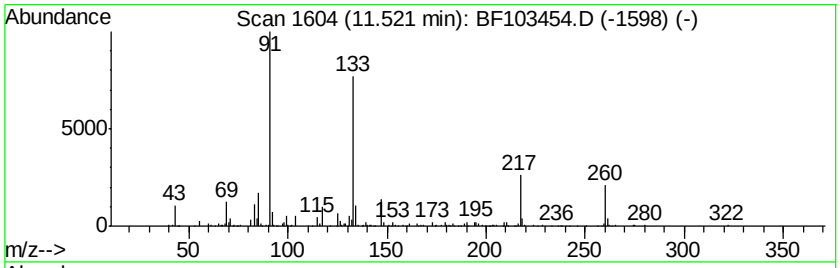
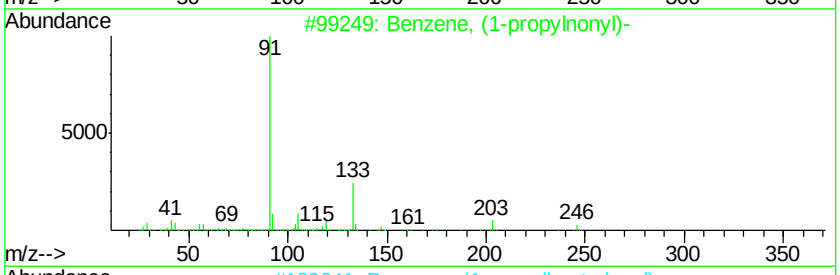
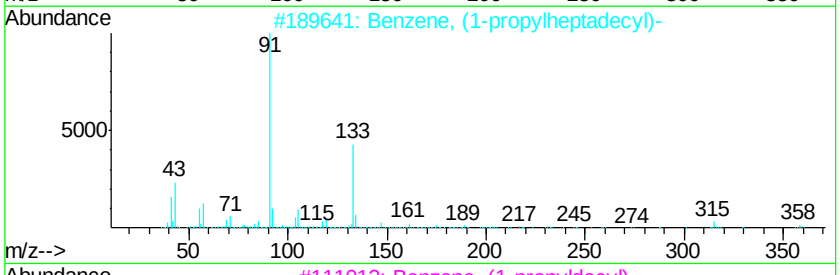
Peak Number 17 Benzene, (1-propylnonyl)- Concentration Rank 20

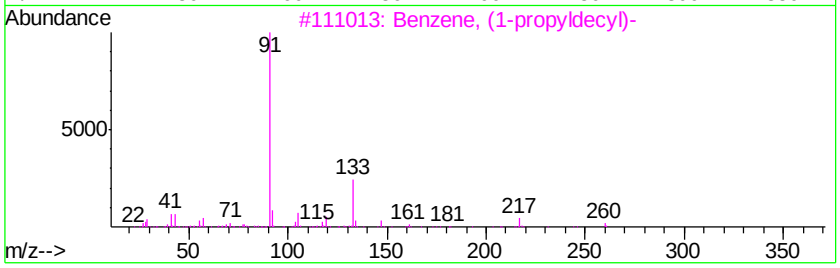
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	13.96 ng	3642730	Phenanthrene-d10	11.42

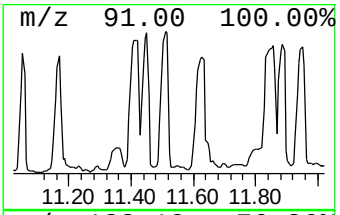
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	72
2	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	64
3	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	53
4	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	50
5	Benzene, (1-pentyloctyl)-	260	C19H32	004534-49-0	49

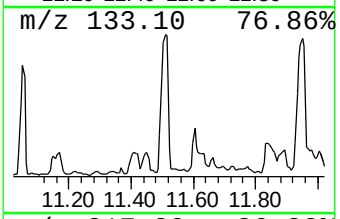


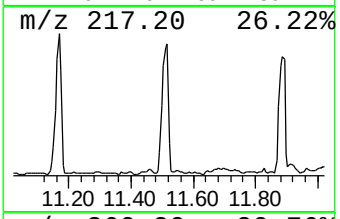


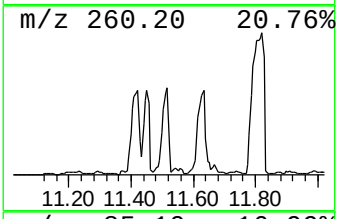


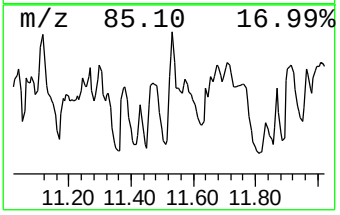












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103454.D
Acq On : 6 Mar 2018 14:30
Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

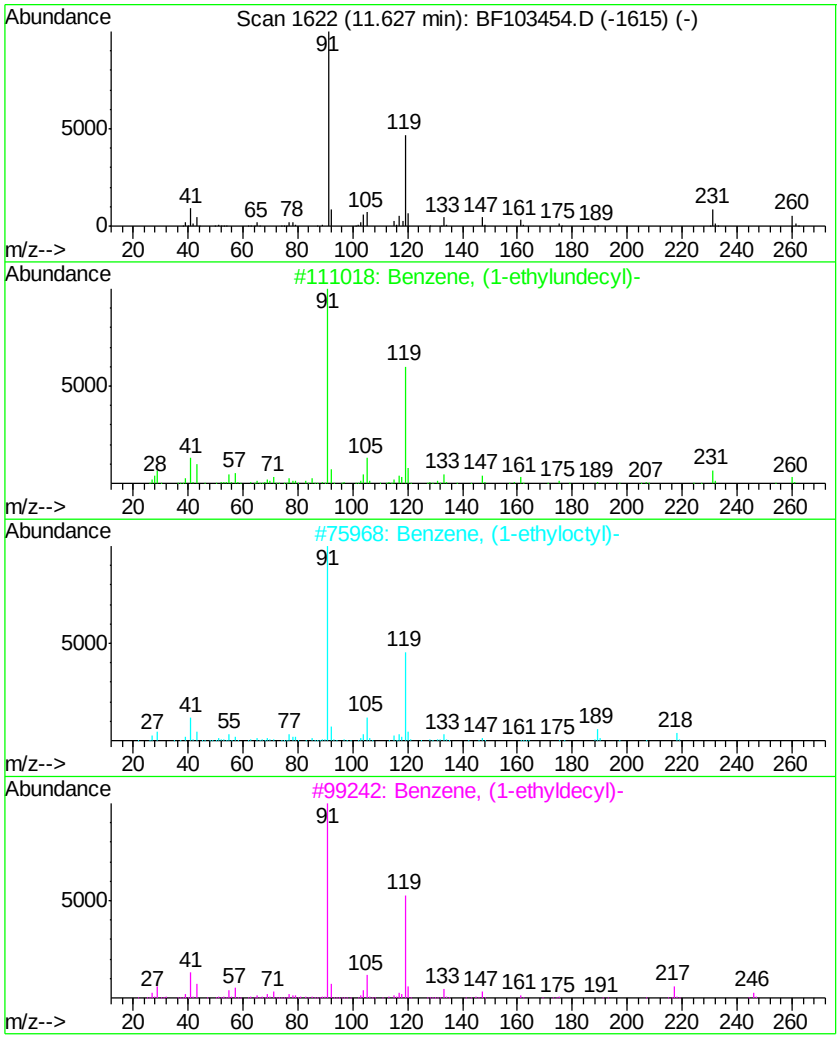
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

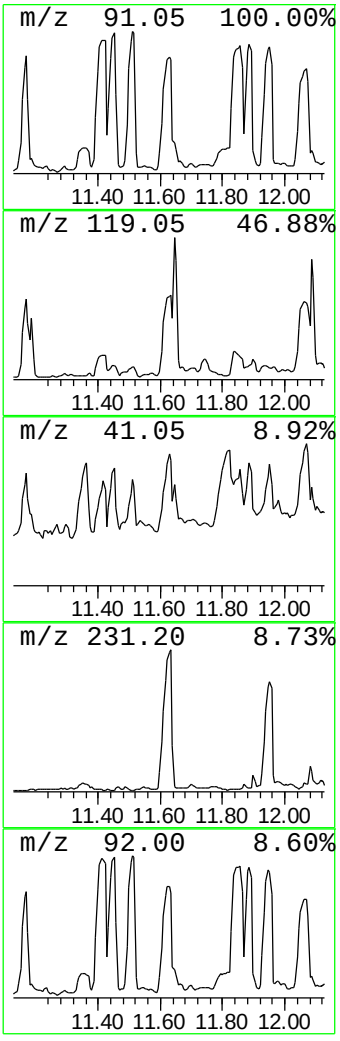
****

Peak Number 18 Benzene, (1-ethylundecyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	21.28 ng	5551010	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	94
2	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	59
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	59
4	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	59
5	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	53





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030618\
Data File : BF103454.D
Acq On : 6 Mar 2018 14:30
Operator : SJ/JU
Sample : J1783-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.65	6.65	69.7	ng	2631990	1	6.87	755421	20.0
Decane, 2,3,7-tri...	6.69	14.7	ng	554230	1	6.87	755421	20.0
unknown7.17	7.17	16.0	ng	604278	1	6.87	755421	20.0
Sulfurous acid, c...	8.65	14.2	ng	671824	2	8.16	945012	20.0
Cyclohexane, 1-me...	9.07	21.4	ng	933789	3	9.92	873156	20.0
Oxazole, 2,4-dime...	9.12	16.9	ng	735532	3	9.92	873156	20.0
unknown9.16	9.16	16.8	ng	733389	3	9.92	873156	20.0
Octadecane, 2,2,4...	9.29	54.9	ng	2398430	3	9.92	873156	20.0
Sulfurous acid, b...	9.41	36.1	ng	1574500	3	9.92	873156	20.0
unknown9.62	9.62	14.1	ng	617479	3	9.92	873156	20.0
unknown9.86	9.86	17.4	ng	758957	3	9.92	873156	20.0
unknown10.37	10.37	17.8	ng	777306	3	9.92	873156	20.0
Benzene, (1-penty...	10.96	14.1	ng	3677420	4	11.42	5217400	20.0
Benzene, (1-ethyl...	11.17	16.3	ng	4254800	4	11.42	5217400	20.0
Benzene, (1-methy...	11.36	27.7	ng	7224370	4	11.42	5217400	20.0
Benzene, (1-propy...	11.52	14.0	ng	3642730	4	11.42	5217400	20.0
Benzene, (1-ethyl...	11.63	21.3	ng	5551010	4	11.42	5217400	20.0