LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113931.D
Acq On : 23 Apr 2019 20:05
Operator : JU/SJ
Sample : K2526-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-ROLLOFFS

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-BF042219.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	2.205	16	20	30	rVB	44451	66390	2.18%	0.196%
2	5.004	492	496	505	rVB	39559	44555	1.46%	0.131%
3	5.528	578	585	588	rBV	2983119	2889598	94.93%	8.513%
4	6.528	749	755	758	rBV	2851170	2878106	94.55%	8.479%
5	6.669	774	779	782	rBV	3272134	3043900	100.00%	8.968%
6	6.898	815	818	826	rVB	936026	750802	24.67%	2.212%
7	7.057	841	845	848	rBV	2854158	2390134	78.52%	7.042%
8	7.457	903	913	916	rBV	1907950	1844568	60.60%	5.434%
9	7.540	924	927	932	rBV4	23580	37164	1.22%	0.109%
10	8.181	1031	1036	1039	rBV	919186	885460	29.09%	2.609%
11	8.245	1042	1047	1049	rVV2	66188	76184	2.50%	0.224%
12	8.269	1049	1051	1059	rVB5	25925	37376	1.23%	0.110%
13	8.475	1080	1086	1088	rBV4	51910	65395	2.15%	0.193%
14	8.563	1098	1101	1104	rVB4	29905	31297	1.03%	0.092%
15	8.604	1105	1108	1110	rBV	152161	120900	3.97%	0.356%
16	8.687	1119	1122	1125	rBV2	44436	44302	1.46%	0.131%
17	8.745	1126	1132	1135	rBV	250540	220260	7.24%	0.649%
18	8.892	1155	1157	1160	rVB	71389	57326	1.88%	0.169%
19	8.945	1162	1166	1169	rBV	267952	242116	7.95%	0.713%
20	8.992	1171	1174	1178	rVB2	54480	72185	2.37%	0.213%
21	9.092	1189	1191	1194	rVB2	39822	37051	1.22%	0.109%
22	9.128	1194	1197	1202	rVB3	49087	60559	1.99%	0.178%
23	9.204	1207	1210	1214	rVB	231082	182097	5.98%	0.536%
24	9.251	1214	1218	1222	rBV	3128293	2910158	95.61%	8.574%
25	9.339	1228	1233	1237	rBV5	97944	174668	5.74%	0.515%
26	9.381	1237	1240	1243	rVV3	44956	73536	2.42%	0.217%
27	9.451	1250	1252	1256	rVB3	54597	57503	1.89%	0.169%
28	9.522	1260	1264	1268	rVB2	59760	89452	2.94%	0.264%
29	9.592	1269	1276	1278	rBV3	141316	177782	5.84%	0.524%
30	9.616	1278	1280	1282	rVB	60631	39194	1.29%	0.115%
31	9.645	1282	1285	1286	rBV	437616	430627	14.15%	1.269%
32	9.710	1294	1296	1300	rVB3	48950	49566	1.63%	0.146%
33	9.810	1308	1313	1316	rBV4	53501	67265	2.21%	0.198%
34	9.851	1316	1320	1321	rBV2	69792	69212	2.27%	0.204%

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-ROLLOFFS

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.869	1321	1323	1327	rVB2	51386	47996	1.58%	0.141%
36	9.910	1327	1330	1331	rBV3	51243	49389	1.62%	0.146%
37	9.933	1331	1334	1338	rVB	974992	819628	26.93%	2.415%
38	10.039	1349	1352	1357	rVB2	55831	70648	2.32%	0.208%
39	10.098	1357	1362	1365	rBV4	46231	95566	3.14%	0.282%
40	10.133	1365	1368	1371	rVB2	102658	103791	3.41%	0.306%
41	10.192	1376	1378	1382	rVV3	70666	82508	2.71%	0.243%
42	10.251	1385	1388	1391	rBV2	61684	64655	2.12%	0.190%
43	10.310	1395	1398	1400	rBV2	33377	35874	1.18%	0.106%
44	10.333	1400	1402	1405	rBV2	70948	101862	3.35%	0.300%
45	10.363	1405	1407	1410	rVB2	93423	88207	2.90%	0.260%
46	10.422	1415	1417	1423	rVB5	47450	62737	2.06%	0.185%
47	10.475	1423	1426	1428	rBV4	54149	59440	1.95%	0.175%
48	10.586	1440	1445	1448	rBV	281418	312272	10.26%	0.920%
49	10.675	1457	1460	1463	rBV2	115869	115407	3.79%	0.340%
50	10.722	1463	1468	1471	rBV	1894471	1755026	57.66%	5.171%
51	10.851	1485	1490	1496	rBV2	473713	609979	20.04%	1.797%
52	11.063	1522	1526	1530	rBV4	103210	111852	3.67%	0.330%
53	11.116	1530	1535	1538	rBV3	117691	229924	7.55%	0.677%
54	11.286	1562	1564	1567	rBV2	59490	59080	1.94%	0.174%
55	11.316	1567	1569	1575	rVB	289724	299565	9.84%	0.883%
56	11.416	1583	1586	1589	rBV	904631	798156	26.22%	2.352%
57	11.669	1626	1629	1632	rVB	75321	67747	2.23%	0.200%
58	11.710	1634	1636	1639	rVB2	59238	49489	1.63%	0.146%
59	11.939	1673	1675	1683	rVB2	371299	357615	11.75%	1.054%
60	12.027	1688	1690	1693	rVV2	63116	76247	2.50%	0.225%
61	12.075	1696	1698	1704	rVV2	147819	230152	7.56%	0.678%
62	12.122	1704	1706	1708	rVB	54311	41185	1.35%	0.121%
63	12.186	1714	1717	1719	rBV4	46466	60114	1.97%	0.177%
64	12.398	1750	1753	1759	rBV4	44738	64481	2.12%	0.190%
65	12.469	1762	1765	1768	rVB	71531	62599	2.06%	0.184%
66	12.504	1768	1771	1776	rBV5	70871	115609	3.80%	0.341%
67	12.627	1789	1792	1797	rBV	100043	100911	3.32%	0.297%
68	12.727	1806	1809	1812	rBV	134746	149077	4.90%	0.439%
69	12.857	1828	1831	1833	rBV	70927	60209	1.98%	0.177%
70	12.880	1833	1835	1837	rVB	73893	54281	1.78%	0.160%
71	12.998	1851	1855	1859	rBV	2967043	2826970	92.87%	8.329%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SOIL-ROLLOFFS

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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72	13.074	1865	1868	1871	rBV5	22995	33806	1.11%	0.100%
73	13.233	1892	1895	1900	rBV2	68382	68485	2.25%	0.202%
74	13.439	1927	1930	1933	rBV4	63218	84803	2.79%	0.250%
75	13.474	1933	1936	1943	rVB2	105041	167833	5.51%	0.494%
76	13.574	1951	1953	1958	rBV2	54486	54452	1.79%	0.160%
77	13.692	1971	1973	1978	rVB4	38824	47049	1.55%	0.139%
78	13.904	2007	2009	2012	rVB2	42268	39672	1.30%	0.117%
79	13.980	2017	2022	2031	rBV5	140470	439515	14.44%	1.295%
80	14.057	2031	2035	2038	rVV	1101830	1092958	35.91%	3.220%
81	14.080	2038	2039	2042	rVB	50106	43860	1.44%	0.129%
82	14.227	2062	2064	2067	rVB2	49800	42133	1.38%	0.124%
83	14.521	2111	2114	2117	rBV	157788	195341	6.42%	0.576%
84	14.857	2168	2171	2174	rBV2	63744	58963	1.94%	0.174%
85	15.204	2227	2230	2238	rVB2	99377	135730	4.46%	0.400%
86	15.392	2259	2262	2265	rVB	47202	55702	1.83%	0.164%
87	15.557	2285	2290	2294	rBV	675428	804932	26.44%	2.371%
88	16.039	2370	2372	2377	rVB	58088	70181	2.31%	0.207%

Sum of corrected areas: 33942351

LSC Report - Integrated Chromatogram

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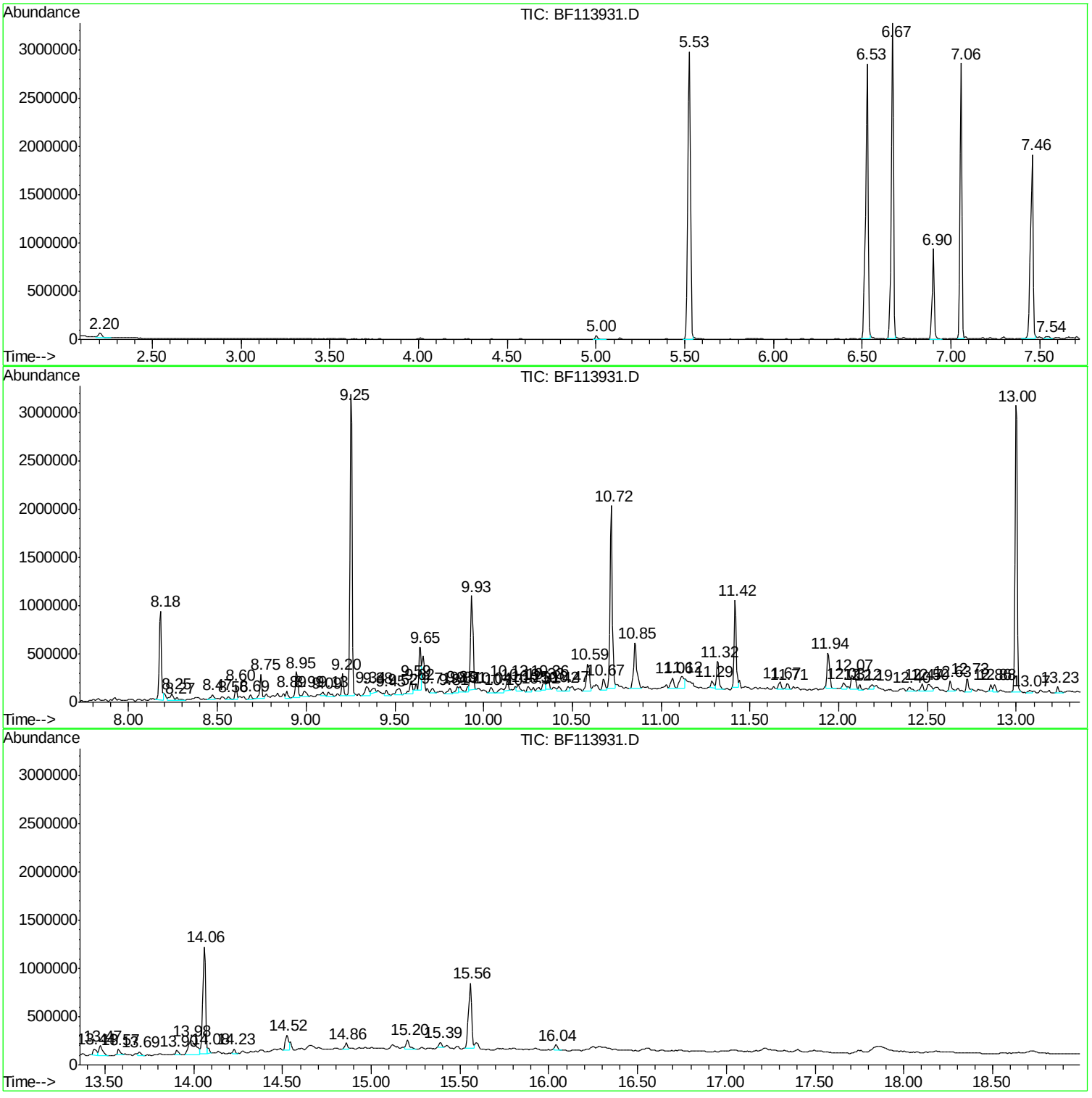
Operator : JU/SJ
Sample : K2526-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFFS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF042319\
Data File : BF113931.D
Acq On : 23 Apr 2019 20:05
Operator : JU/SJ
Sample : K2526-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

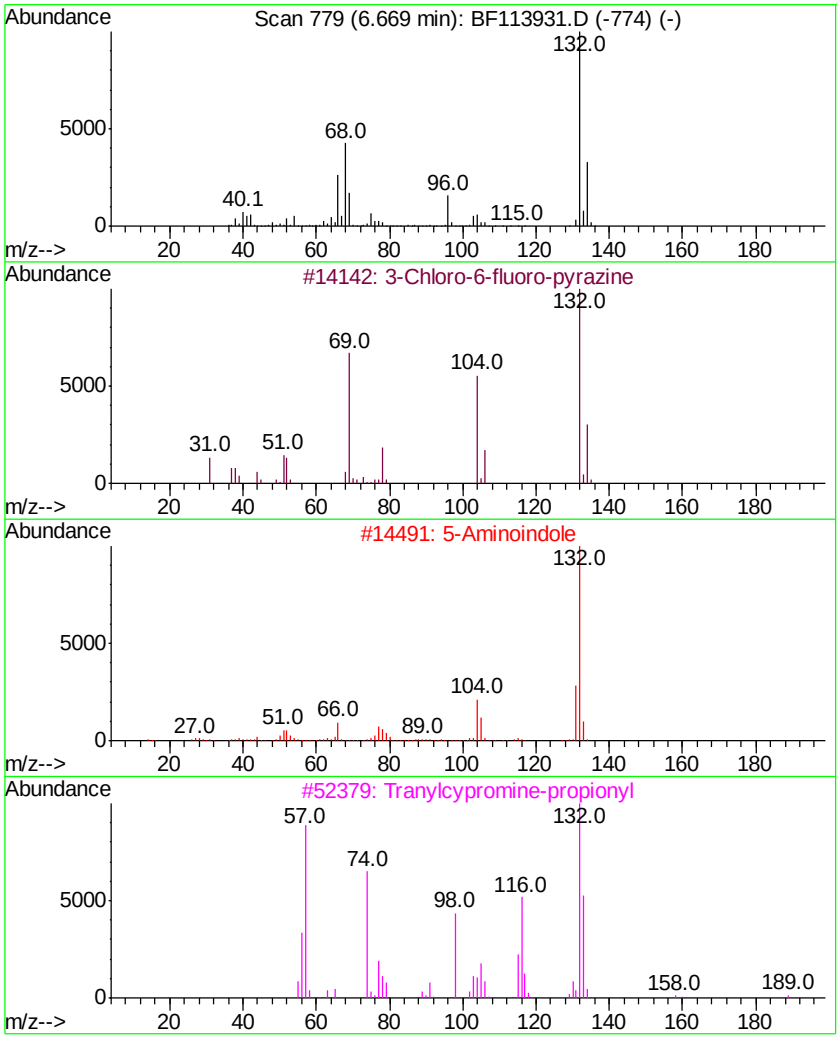
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

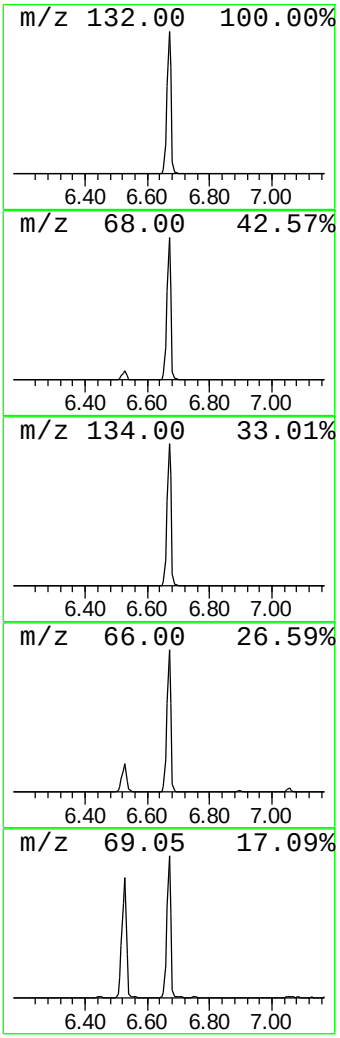
****

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	81.08 ng	3043900	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Sample : K2526-01
Misc :
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Instrument : BNA_F
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

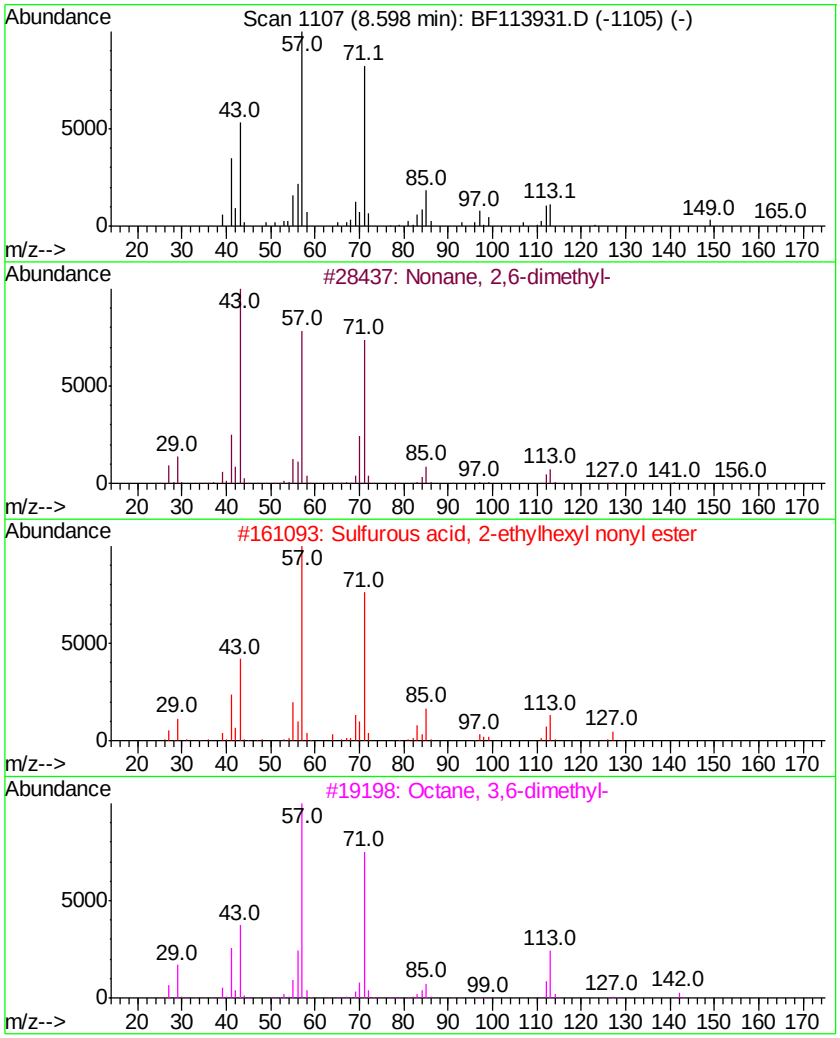
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

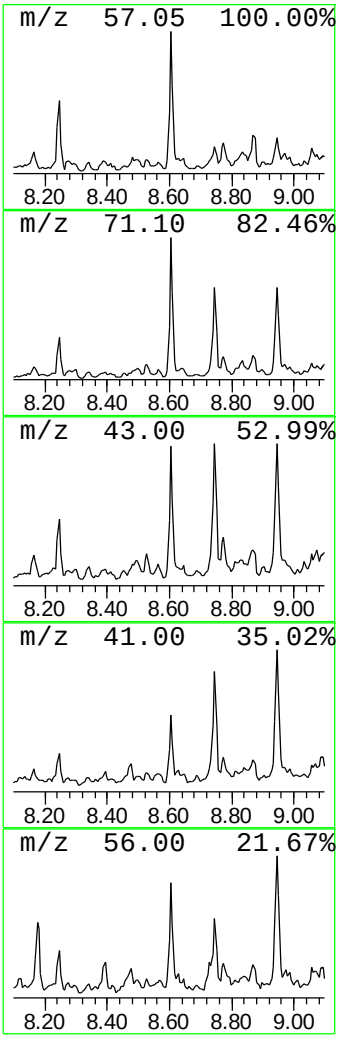
****

Peak Number 3 Nonane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.73 ng	120900	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5	2-Bromo-6-methylheptane	192	C8H17Br	004730-24-9	64





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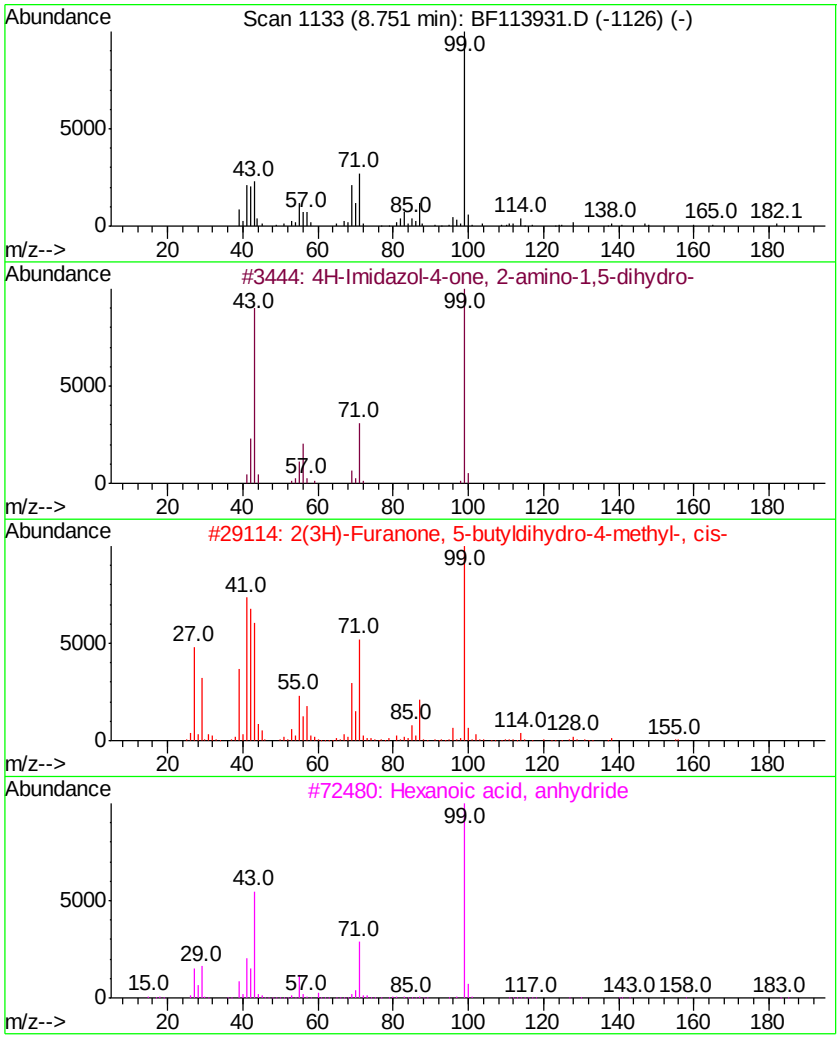
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

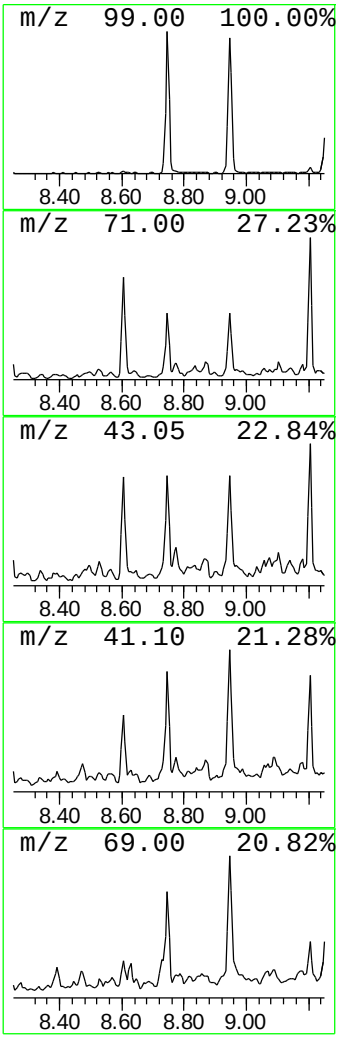
****

Peak Number 4 4H-Imidazol-4-one, 2-amino-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	4.98 ng	220260	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	53
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	53
4	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	039212-23-2	52
5	trans-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	50





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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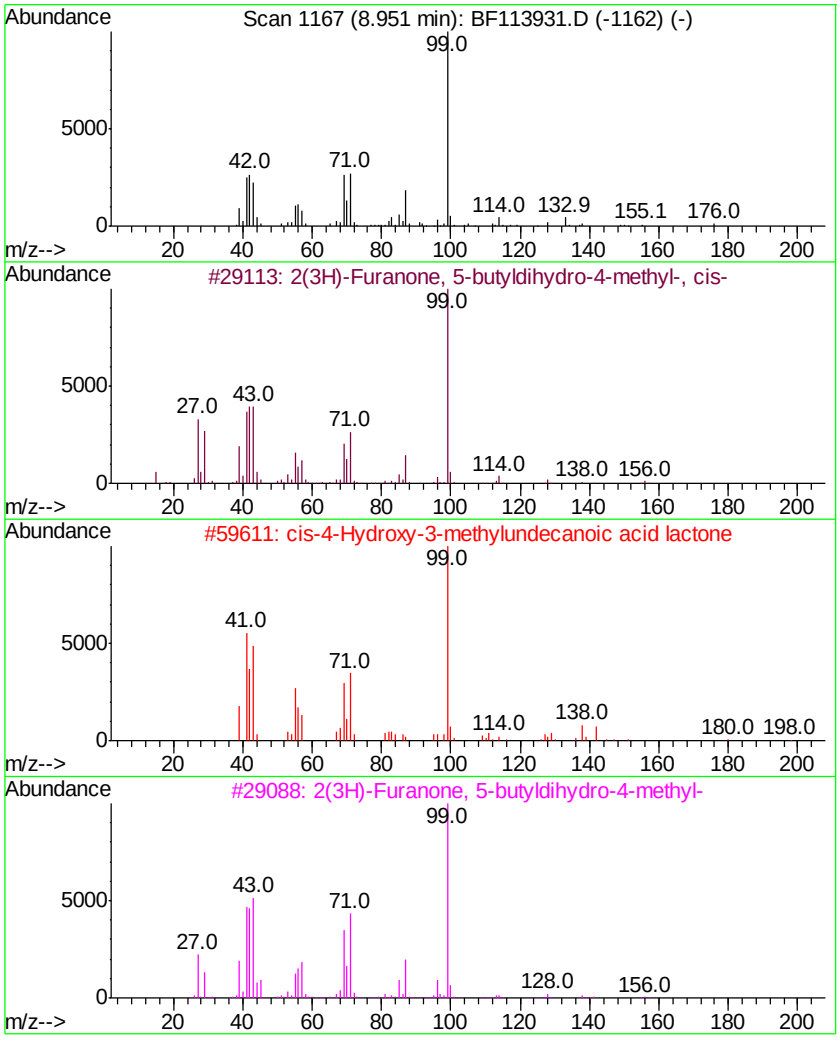
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

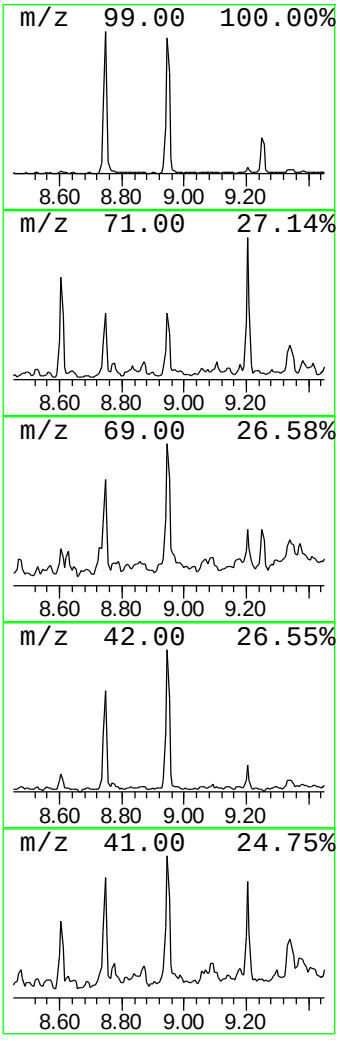
****

Peak Number 5 2(3H)-Furanone, 5-butyldihy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	5.47 ng	242116	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	83
2	cis-4-Hydroxy-3-methylundecanoic...	198	C12H22O2	148806-09-1	72
3	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	039212-23-2	58
4	trans-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	58
5	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	53





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

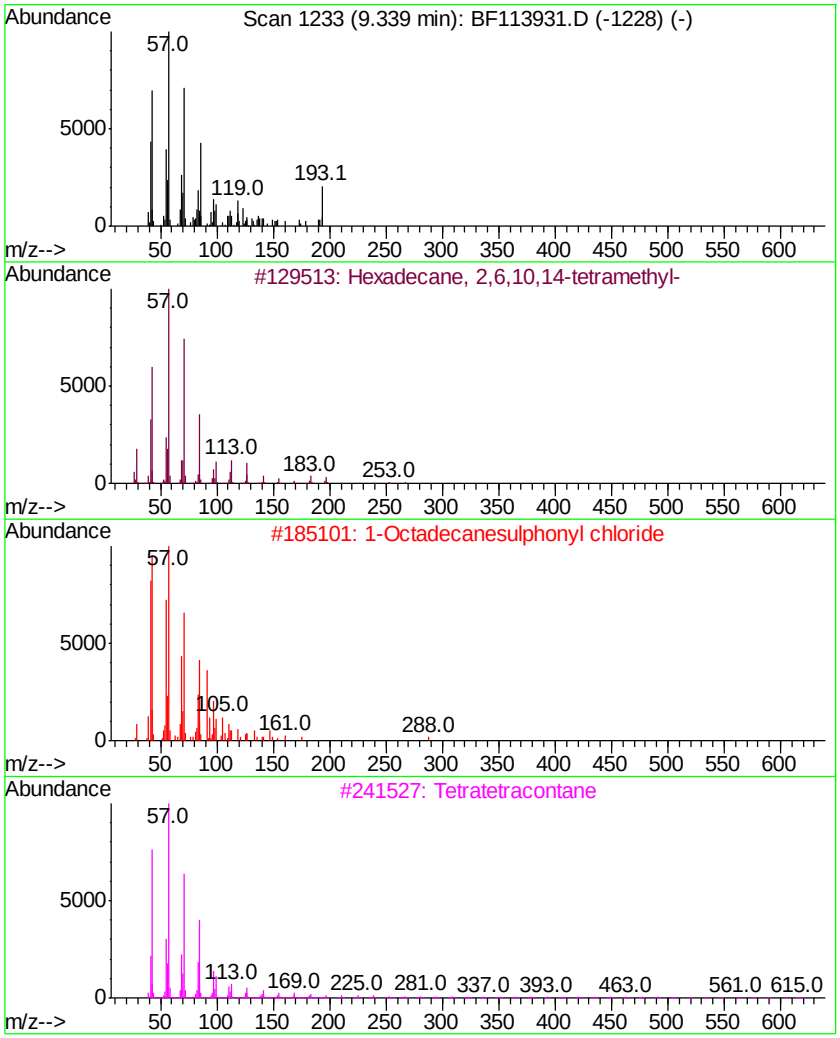
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

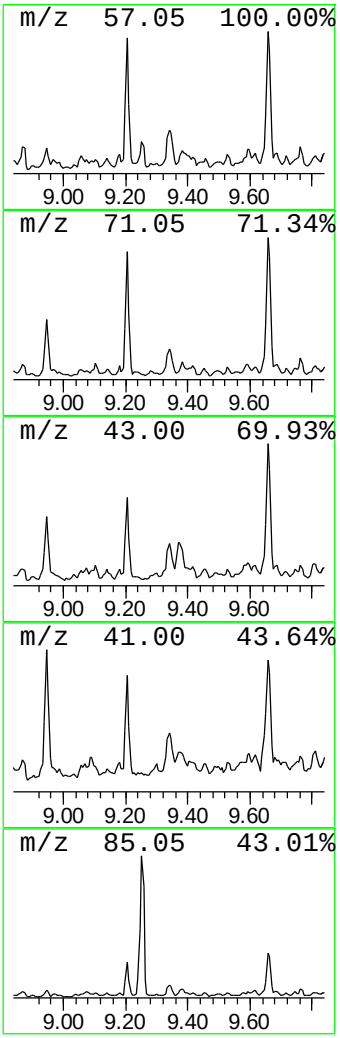
****

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	4.26 ng	174668	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
3	Tetratetracontane	619	C44H90	007098-22-8	64
4	Tridecane	184	C13H28	000629-50-5	58
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58





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Misc :
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Instrument : BNA_F
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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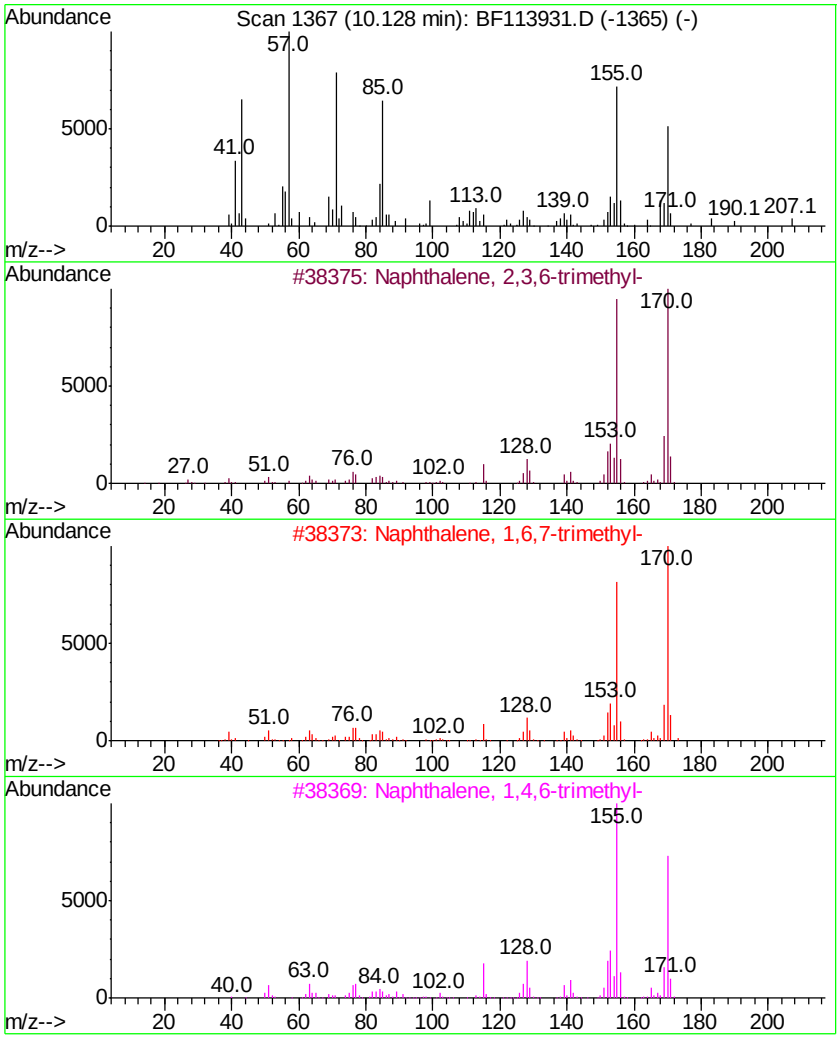
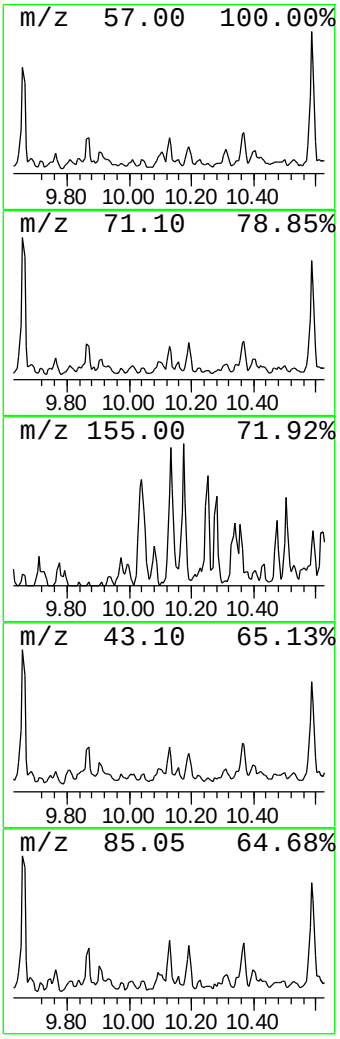
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.53 ng	103791	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78





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Sample : K2526-01
Misc :
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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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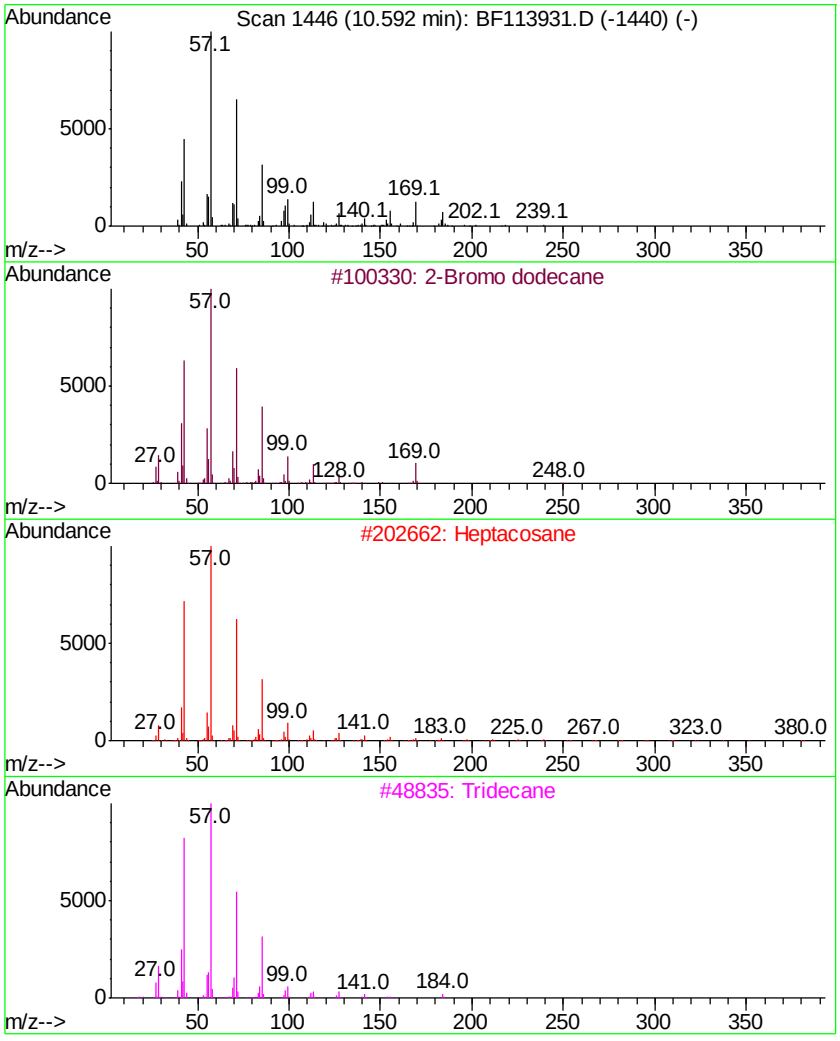
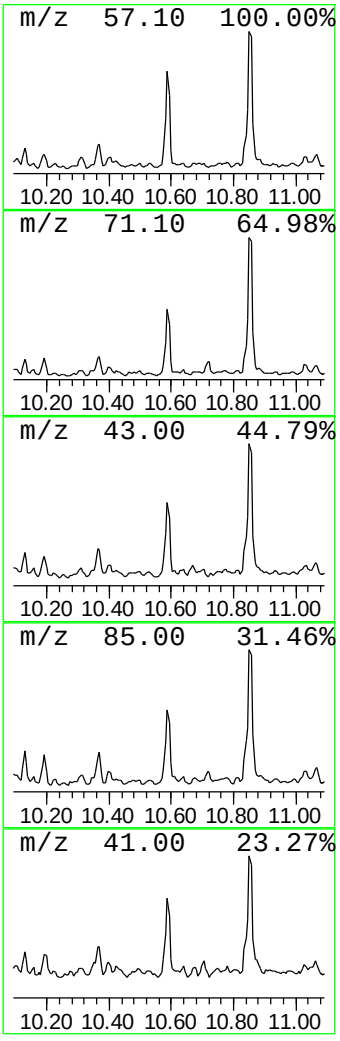
Peak Number 8 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	7.62 ng	312272	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
2	Heptacosane	380	C27H56	000593-49-7	72
3	Tridecane	184	C13H28	000629-50-5	68
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	64
5	Hexadecane	226	C16H34	000544-76-3	64





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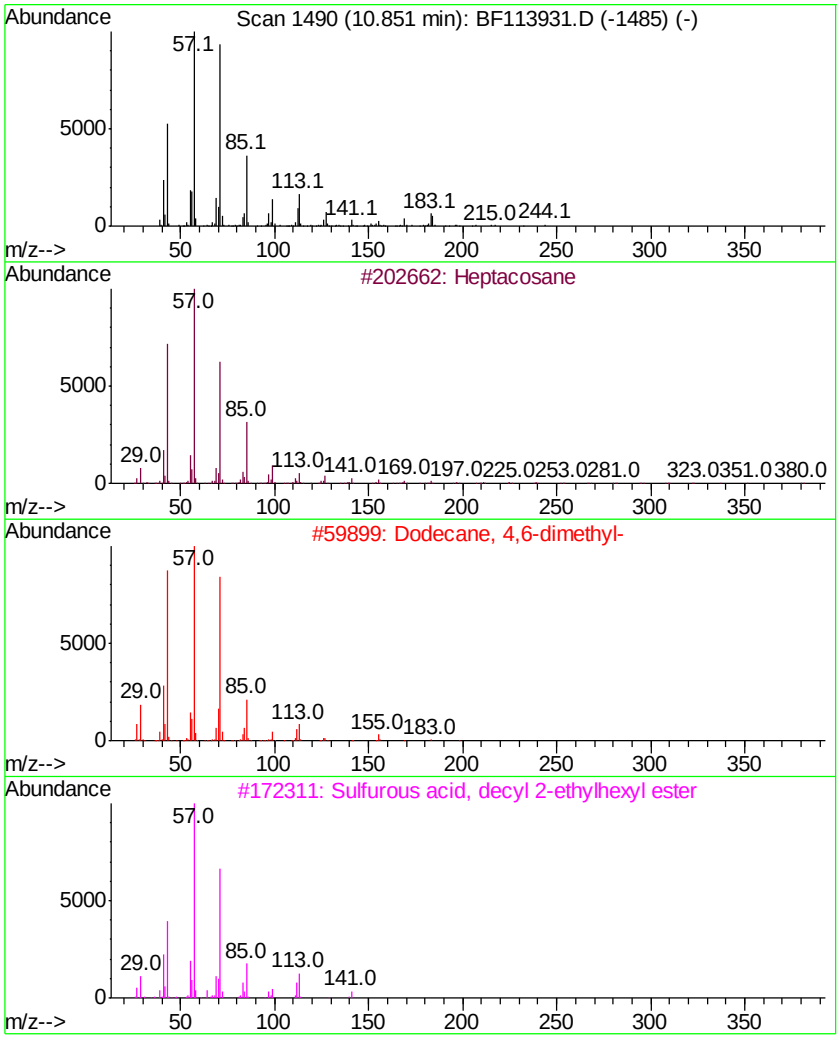
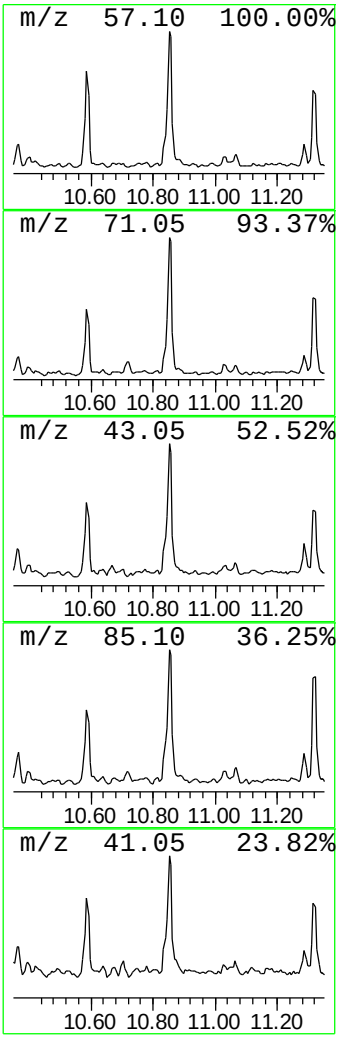
Peak Number 9 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	15.28 ng	609979	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	74
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72





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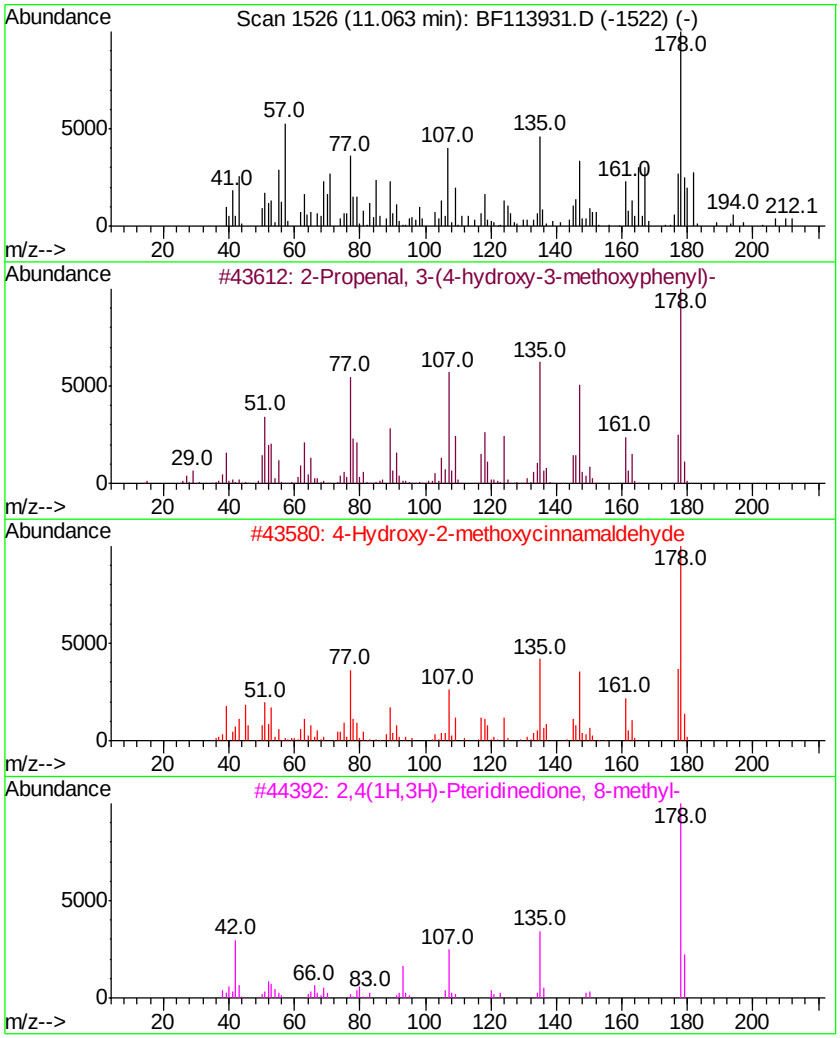
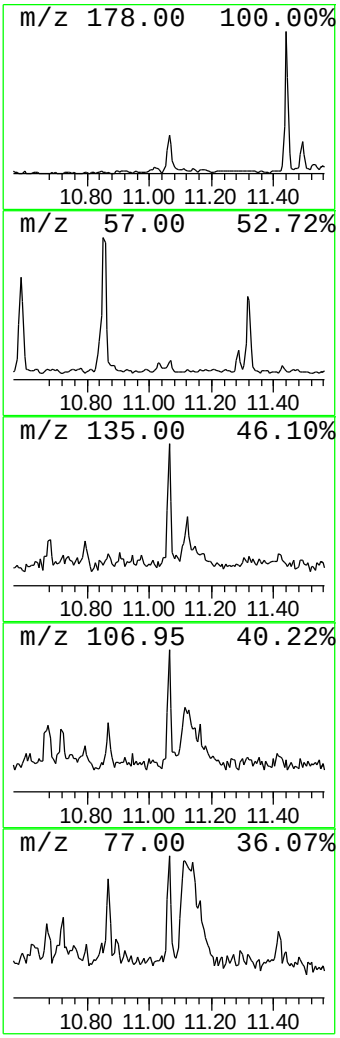
Peak Number 10 2-Propenal, 3-(4-hydroxy-3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.80 ng	111852	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(4-hydroxy-3-metho...	178	C10H10O3	000458-36-6	93
2	4-Hydroxy-2-methoxycinnamaldehyde	178	C10H10O3	127321-19-1	60
3	2,4(1H,3H)-Pteridinedione, 8-met...	178	C7H6N4O2	013300-38-4	43
4	3-Adamantan-1-yl-2-amino-propion...	223	C13H21NO2	1000185-37-2	38
5	2-(4-Methoxyphenyl)-1,3,2-dioxab...	178	C9H11BO3	069519-11-5	38





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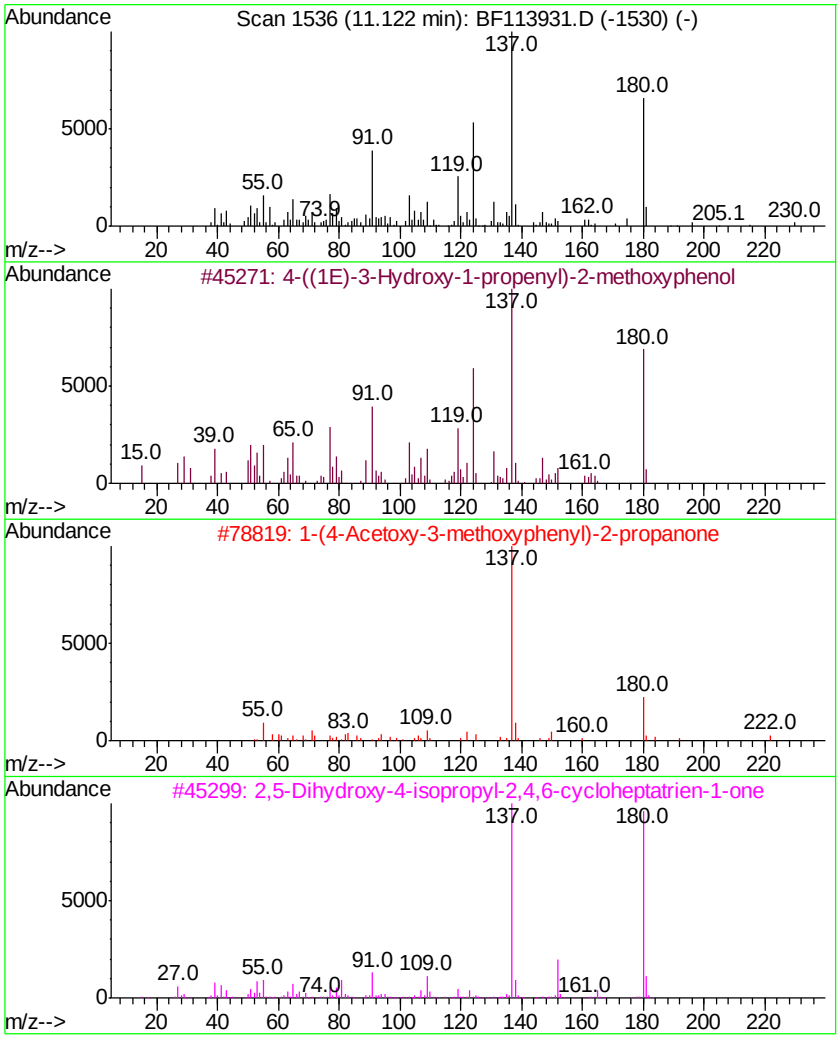
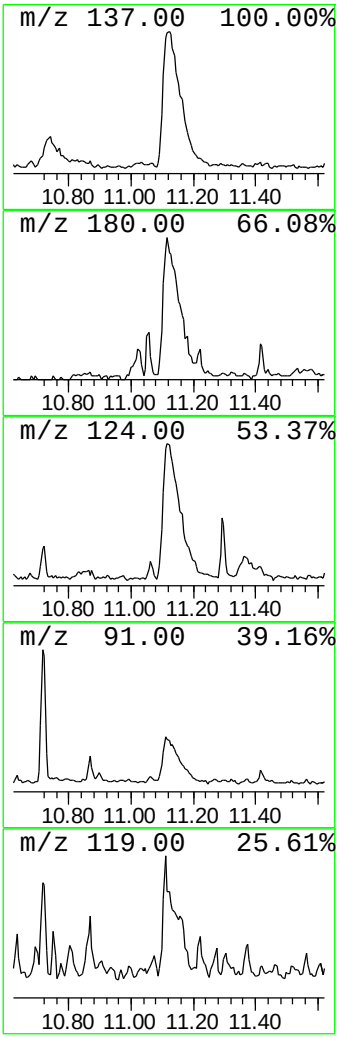
Peak Number 11 4-((1E)-3-Hydroxy-1-propeny... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	5.76 ng	229924	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-((1E)-3-Hydroxy-1-propenyl)-2-...	180	C10H12O3	1000297-95-5	94
2	1-(4-Acetoxy-3-methoxyphenyl)-2-...	222	C12H14O4	1000308-75-0	50
3	2,5-Dihydroxy-4-isopropyl-2,4,6-...	180	C10H12O3	054755-56-5	43
4	Pyrazine, 2-methoxy-3-(1-methyle...	152	C8H12N2O	025773-40-4	38
5	Benzeneacetic acid, .alpha.-hydr...	196	C10H12O4	013305-14-1	30





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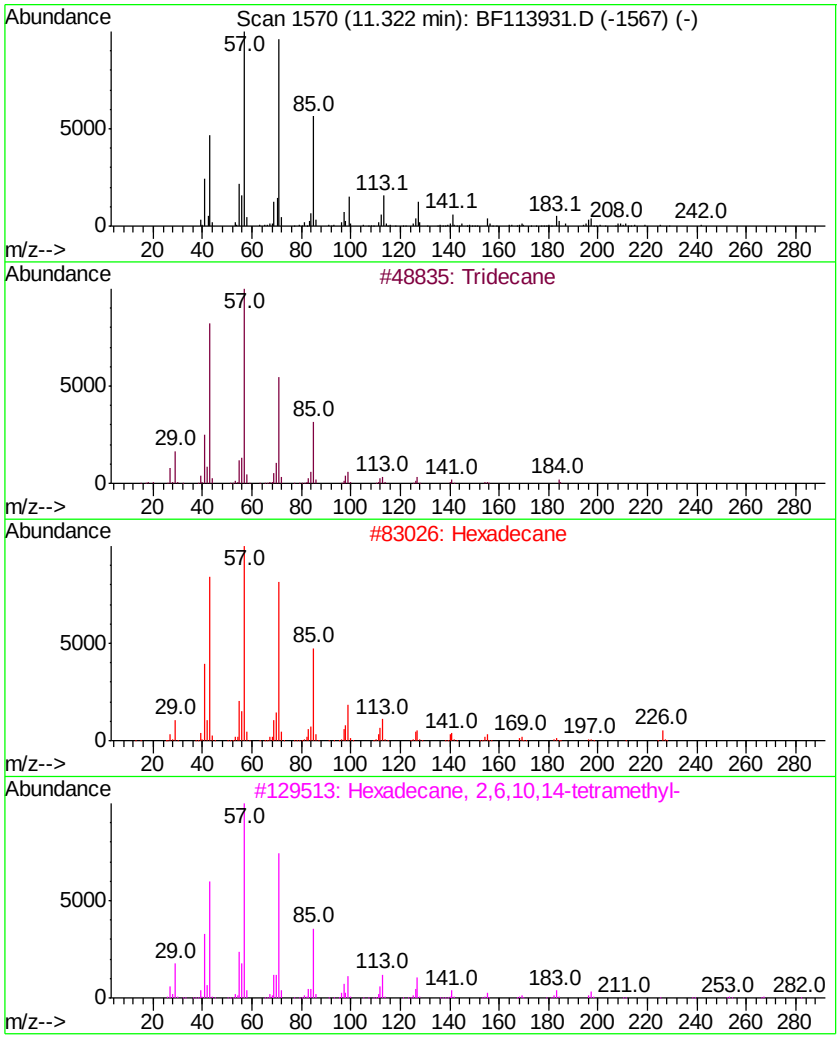
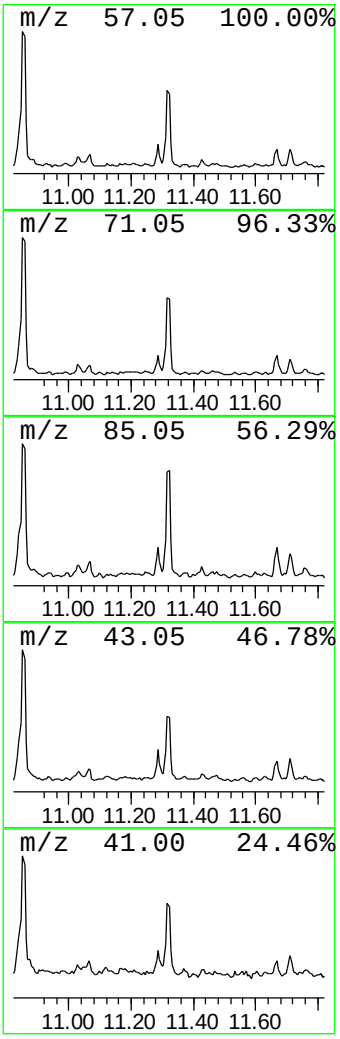
Peak Number 12 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	7.51 ng	299565	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	83
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72





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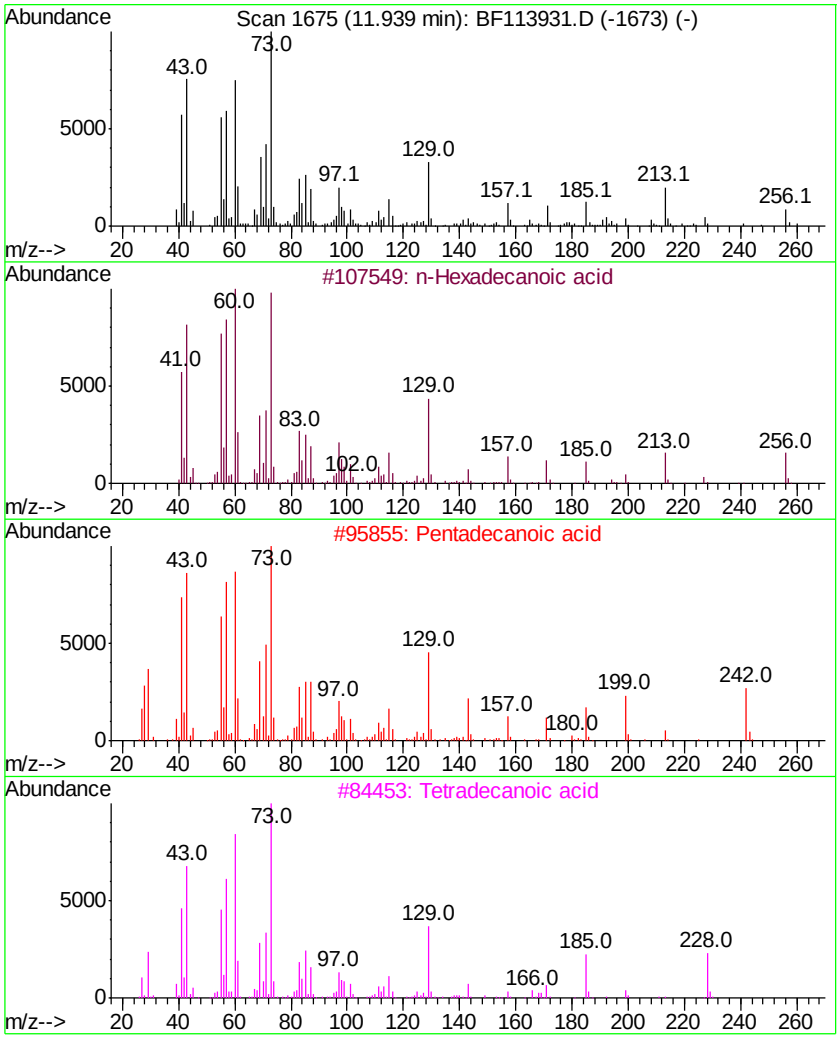
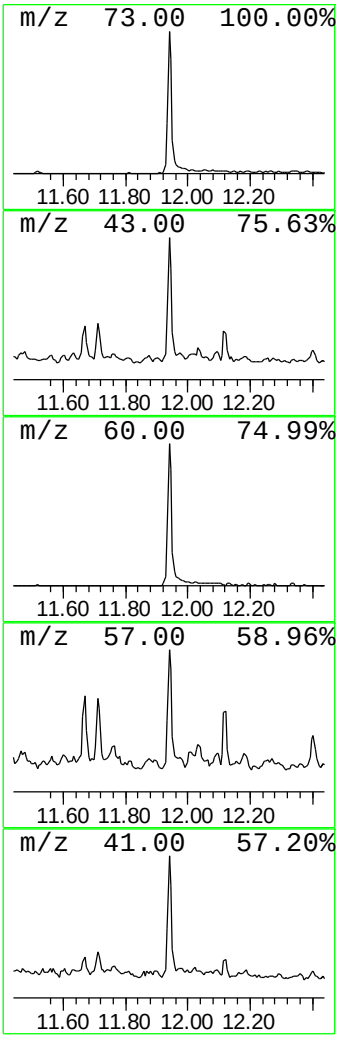
Peak Number 13 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	8.96 ng	357615	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Nonanoic acid	158	C9H18O2	000112-05-0	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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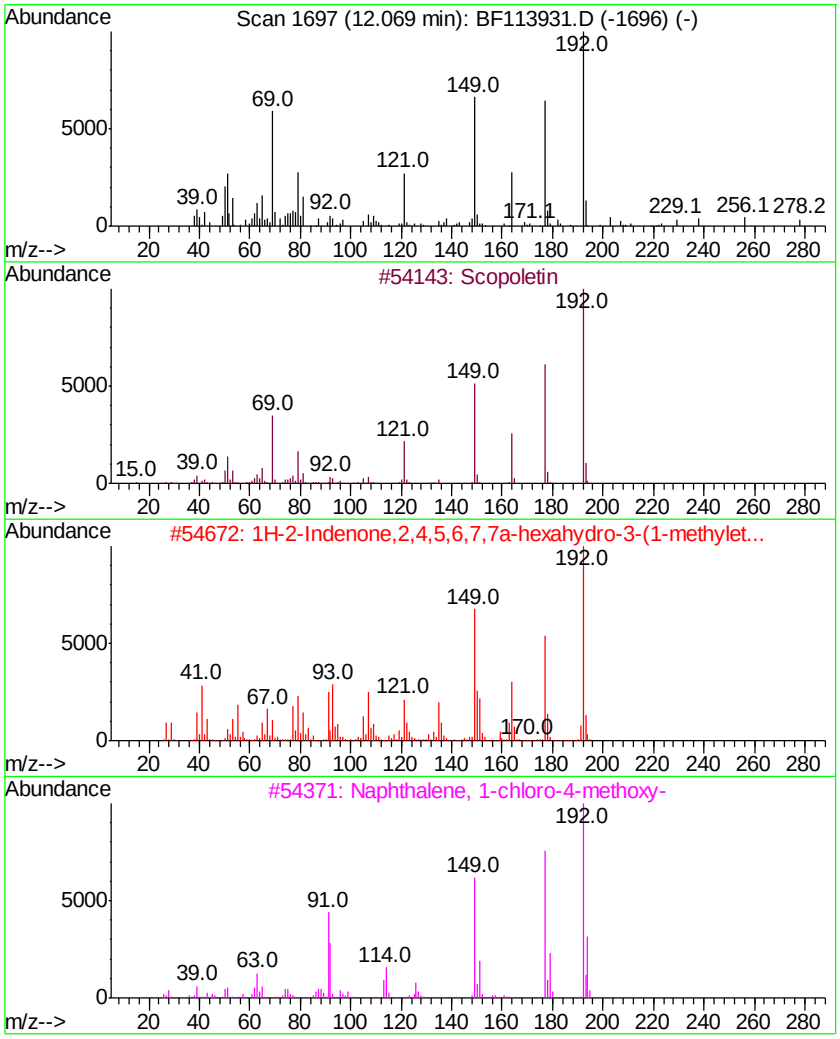
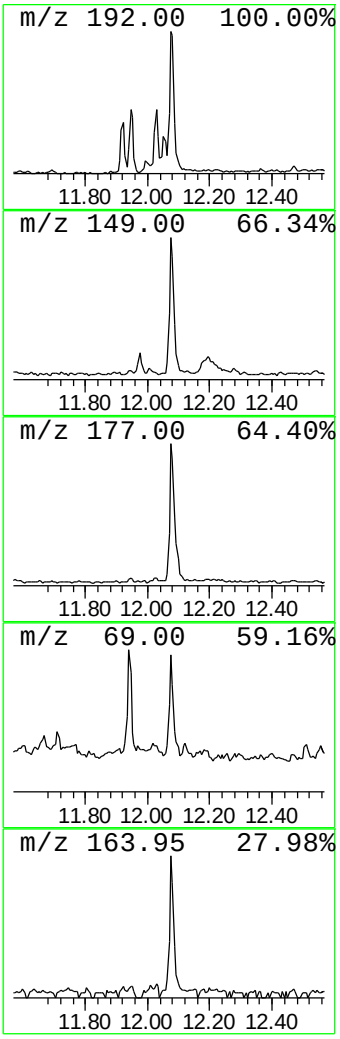
Peak Number 14 Scopoletin Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	5.77 ng	230152	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Scopoletin	192	C10H8O4	000092-61-5	96
2	1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	72
3	Naphthalene, 1-chloro-4-methoxy-	192	C11H9ClO	010443-43-3	72
4	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	47
5	Phthalic acid, ethyl 4-methylhep...	306	C18H26O4	1000377-93-6	27





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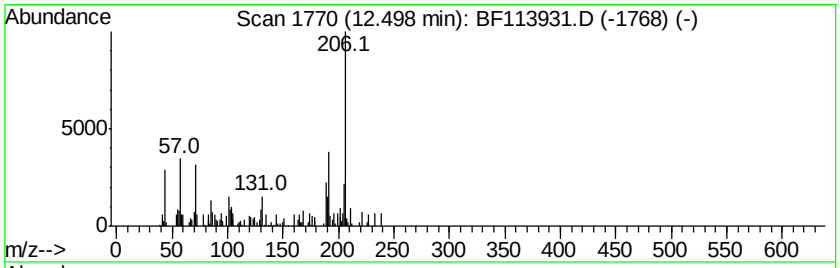
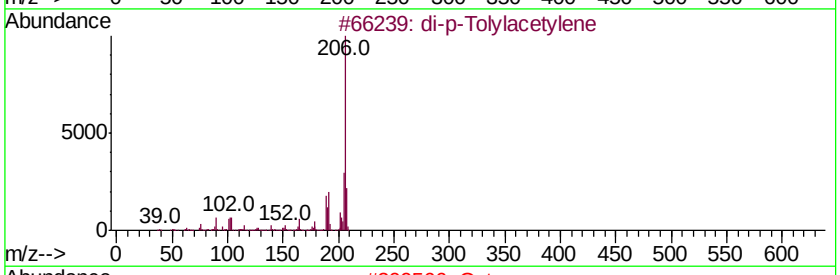
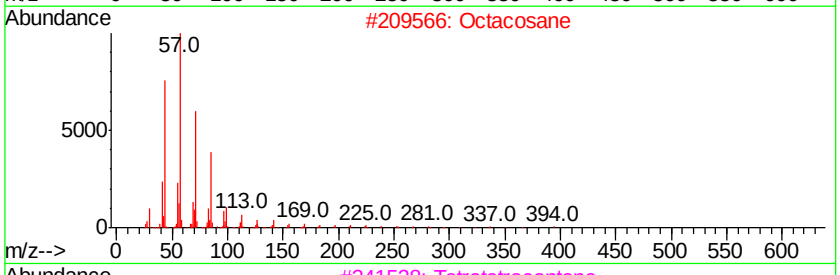
Peak Number 15 di-p-Tolylacetylene Concentration Rank 17

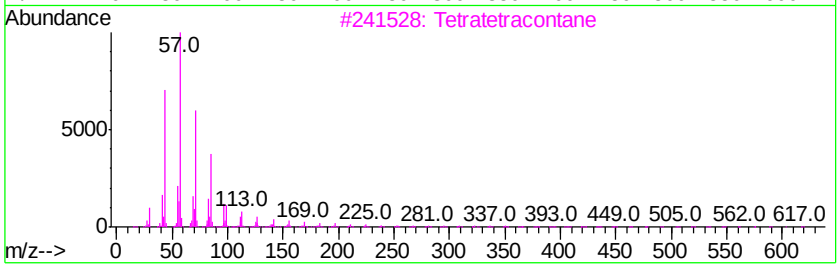
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.90 ng	115609	Phenanthrene-d10	11.42

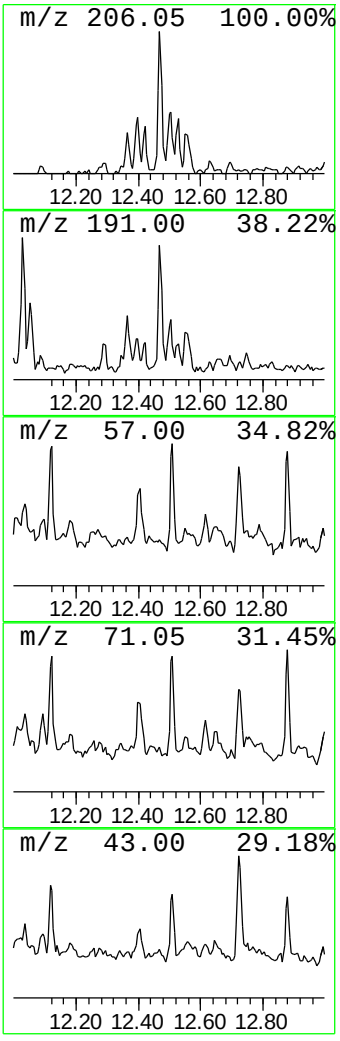
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
2	Octacosane	394	C28H58	000630-02-4	43
3	Tetratetracontane	619	C44H90	007098-22-8	43
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	42











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TIC Library : C:\DATABASE\NIST11.L
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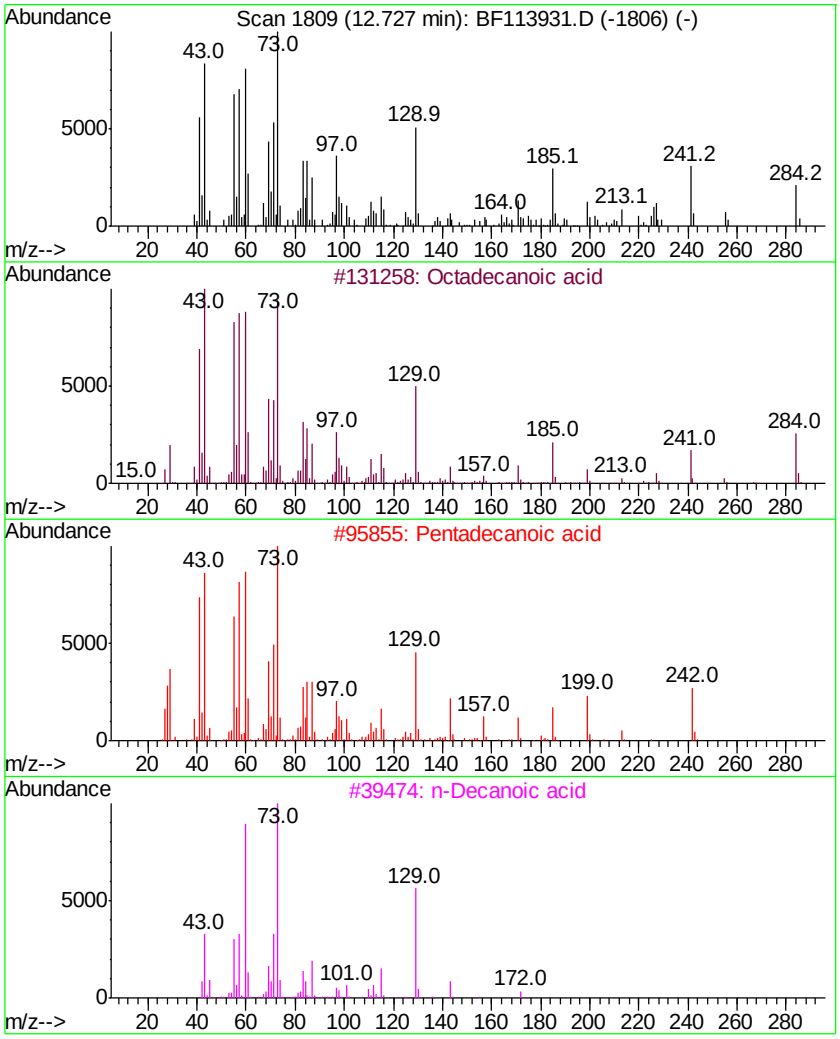
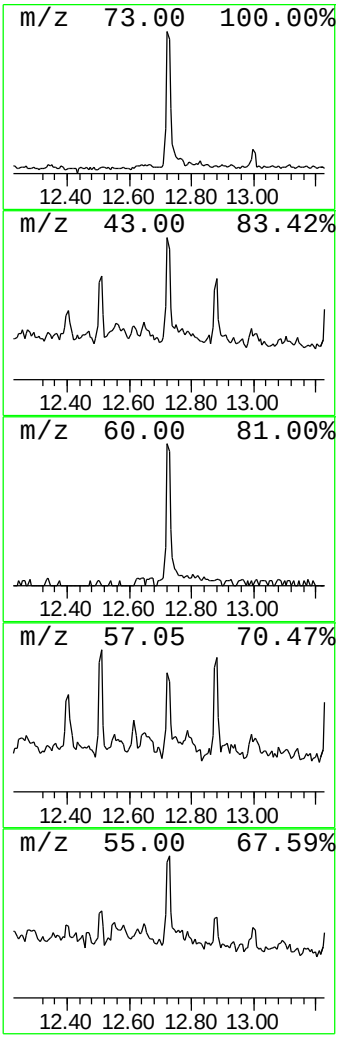
Peak Number 16 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.74 ng	149077	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





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TIC Library : C:\DATABASE\NIST11.L
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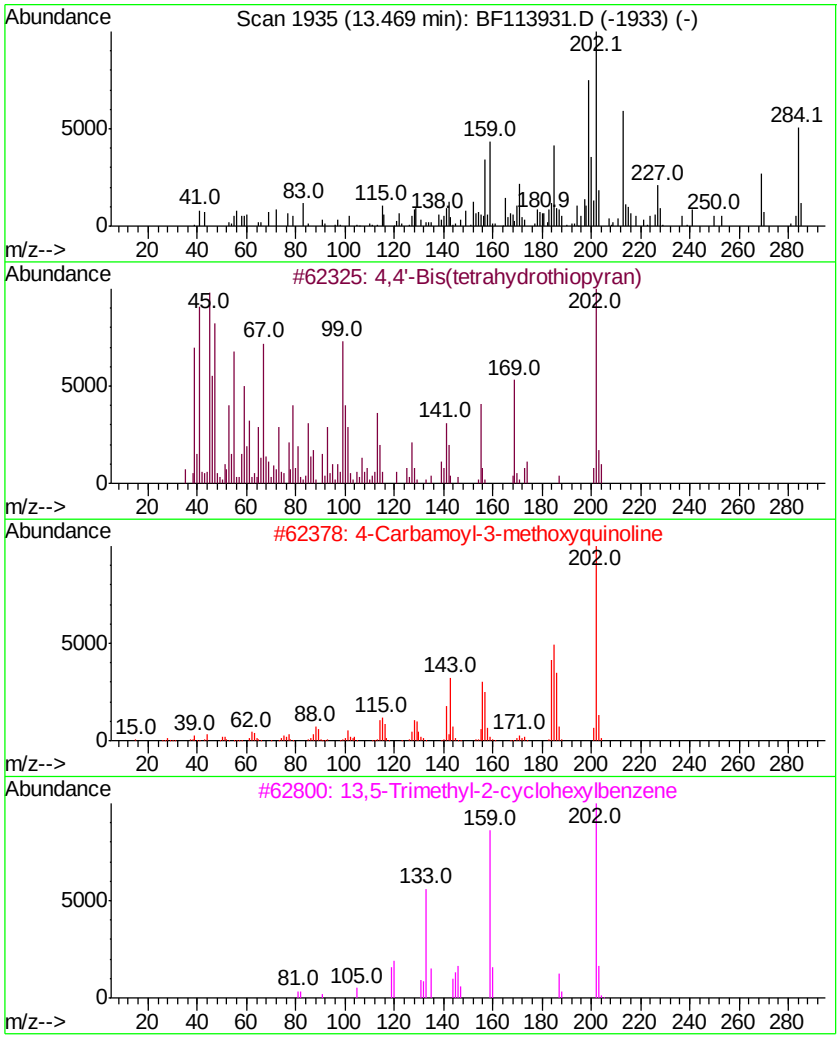
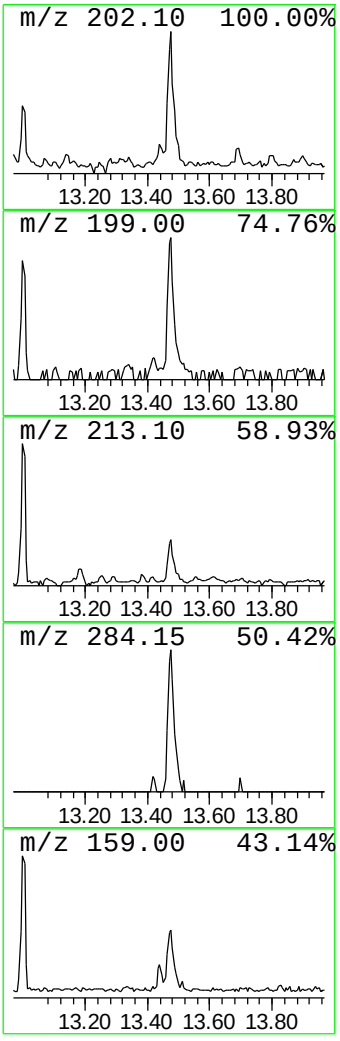
Peak Number 17 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.07 ng	167833	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	56
2	4-Carbamoyl-3-methoxyquinoline	202	C11H10N2O2	020844-05-7	15
3	13,5-Trimethyl-2-cyclohexylbenzene	202	C15H22	004516-10-3	12
4	4-Hydroxyamino-6-phenylpyrimidin...	202	C10H10N4O	1000111-25-2	11
5	5-Methyl-1-phenylpyrazole-4-carb...	202	C11H10N2O2	091138-00-0	11





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Sample : K2526-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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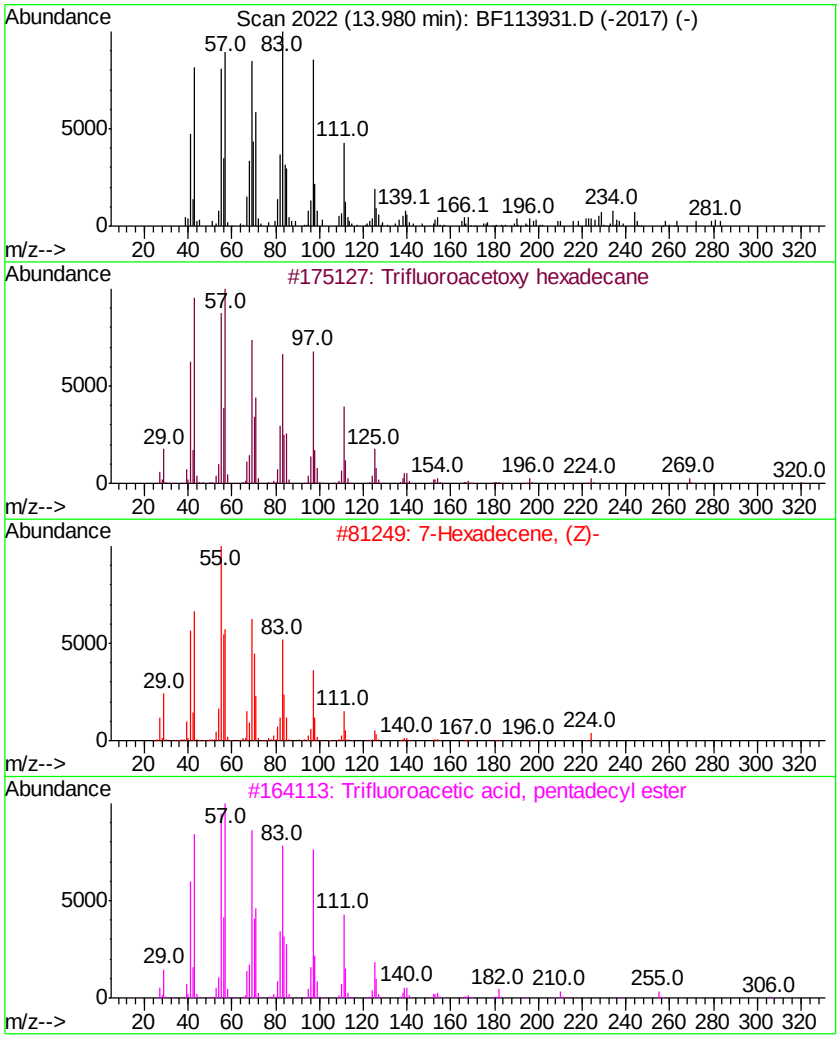
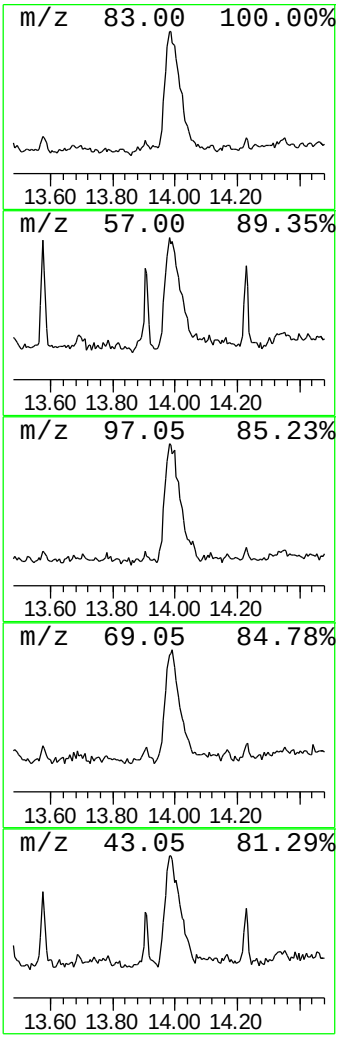
Peak Number 18 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	8.04 ng	439515	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	93
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	1-Pentadecanethiol	244	C15H32S	025276-70-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113931.D
Acq On : 23 Apr 2019 20:05
Operator : JU/SJ
Sample : K2526-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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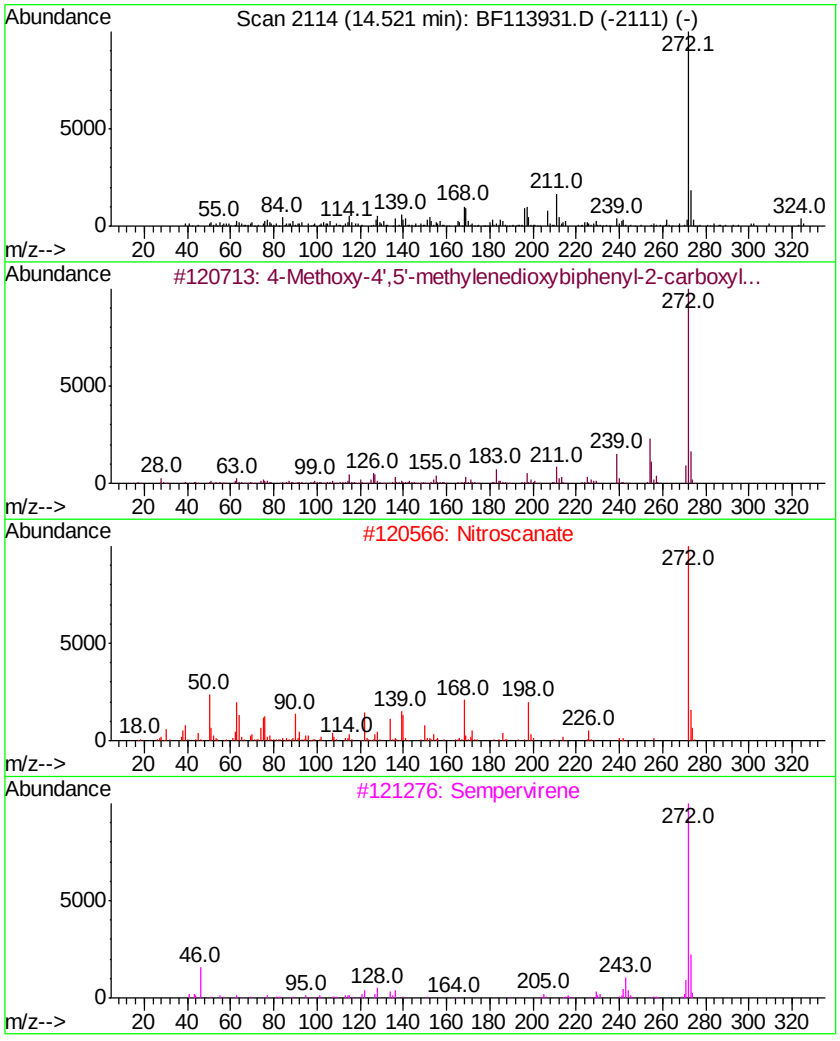
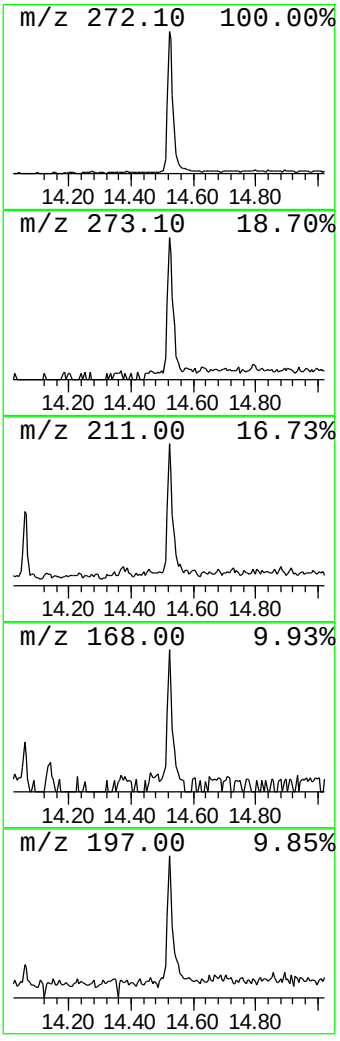
Peak Number 19 4-Methoxy-4',5'-methylenedi... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.57 ng	195341	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxy-4',5'-methylenedioxybi...	272	C15H12O5	1000242-80-7	68
2	Nitroscanate	272	C13H8N2O3S	019881-18-6	52
3	Sempervirene	272	C19H16N2	006882-99-1	49
4	4,4'-Dimethoxy-biphenyl-2-carbox...	272	C16H16O4	1000318-37-5	46
5	6H-Dibenzo[b,d]pyran-6-one, 7,9-...	272	C15H12O5	056771-85-8	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113931.D
Acq On : 23 Apr 2019 20:05
Operator : JU/SJ
Sample : K2526-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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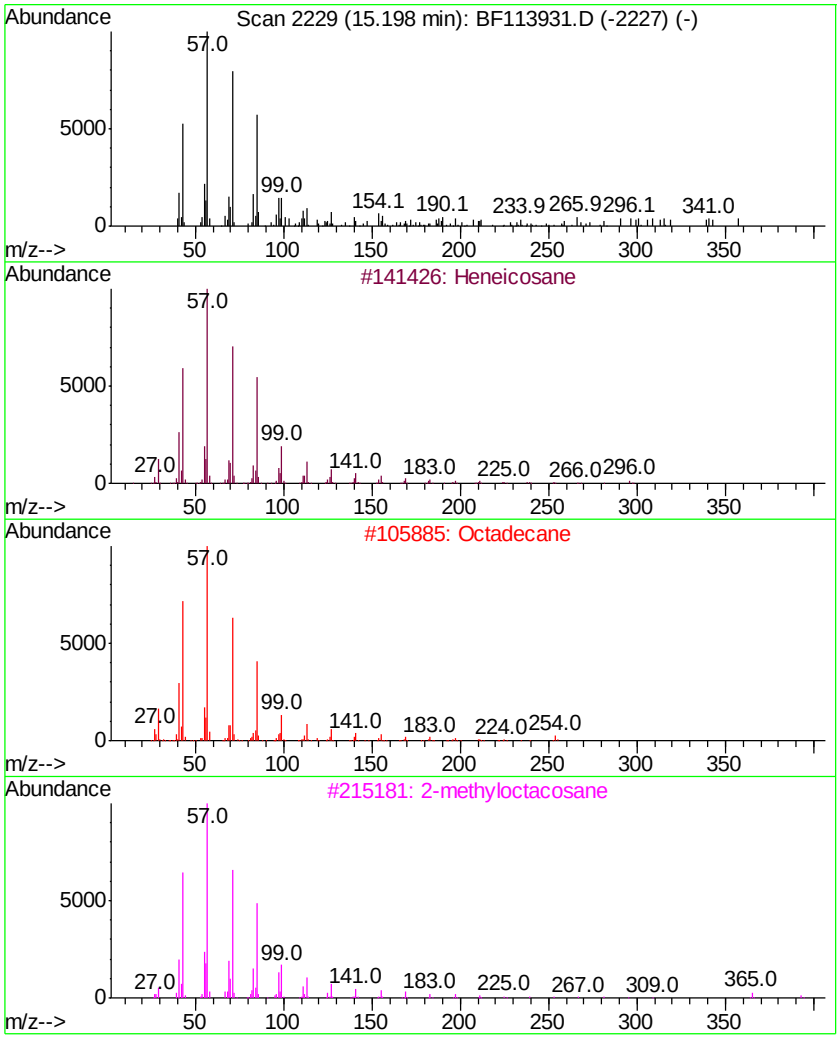
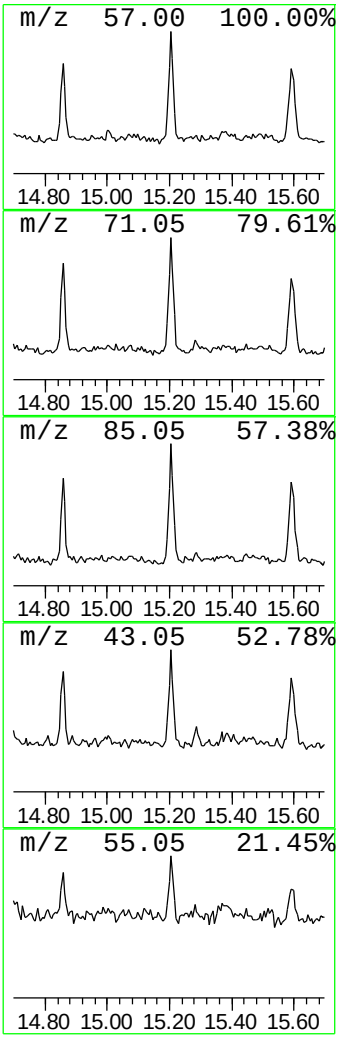
Peak Number 20 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	3.37 ng	135730	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Octadecane	254	C18H38	000593-45-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042319\
Data File : BF113931.D
Acq On : 23 Apr 2019 20:05
Operator : JU/SJ
Sample : K2526-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-ROLLOFFS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.67	6.67	81.1	ng	3043900	1	6.90	750802	20.0
Nonane, 2,6-dimet...	8.60	2.7	ng	120900	2	8.18	885460	20.0
4H-Imidazol-4-one...	8.75	5.0	ng	220260	2	8.18	885460	20.0
2(3H)-Furanone, 5...	8.95	5.5	ng	242116	2	8.18	885460	20.0
Hexadecane, 2,6,1...	9.34	4.3	ng	174668	3	9.93	819628	20.0
Naphthalene, 2,3,...	10.13	2.5	ng	103791	3	9.93	819628	20.0
2-Bromo dodecane	10.59	7.6	ng	312272	3	9.93	819628	20.0
Heptacosane	10.85	15.3	ng	609979	4	11.42	798156	20.0
2-Propenal, 3-(4-...	11.06	2.8	ng	111852	4	11.42	798156	20.0
4-((1E)-3-Hydroxy...	11.12	5.8	ng	229924	4	11.42	798156	20.0
Tridecane	11.32	7.5	ng	299565	4	11.42	798156	20.0
n-Hexadecanoic acid	11.94	9.0	ng	357615	4	11.42	798156	20.0
Scopoletin	12.07	5.8	ng	230152	4	11.42	798156	20.0
di-p-Tolylacetylene	12.50	2.9	ng	115609	4	11.42	798156	20.0
Octadecanoic acid	12.73	3.7	ng	149077	4	11.42	798156	20.0
4,4'-Bis(tetrahyd...	13.47	3.1	ng	167833	5	14.06	1092960	20.0
Trifluoroacetoxy ...	13.98	8.0	ng	439515	5	14.06	1092960	20.0
4-Methoxy-4',5'-m...	14.52	3.6	ng	195341	5	14.06	1092960	20.0
Octadecane	15.20	3.4	ng	135730	6	15.56	804932	20.0