LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\
Data File : BF107130.D
Acq On : 5 Jul 2018 16:46
Operator : JU/SJ
Sample : J3853-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8

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-BF061918.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	5.189	480	485	494	rBV	134054	168160	11.75%	0.935%
2	5.542	542	545	550	rBV2	17448	22190	1.55%	0.123%
3	5.595	550	554	567	rVB	1183085	1172102	81.87%	6.517%
4	6.595	719	724	734	rBV	1114495	1226241	85.65%	6.818%
5	6.725	742	746	750	rBV	1216865	1216690	84.99%	6.765%
6	6.766	750	753	757	rVB	50810	42100	2.94%	0.234%
7	6.948	780	784	789	rBV	430105	358655	25.05%	1.994%
8	7.107	806	811	814	rBV	1033951	974622	68.08%	5.419%
9	7.513	875	880	886	rBV	736178	811010	56.65%	4.510%
10	8.189	992	995	998	rBV	66066	58882	4.11%	0.327%
11	8.230	998	1002	1005	rVV	499116	462061	32.27%	2.569%
12	8.254	1005	1006	1012	rVB2	60137	53887	3.76%	0.300%
13	8.630	1067	1070	1072	rVB2	34954	26773	1.87%	0.149%
14	8.801	1093	1099	1103	rBV	111639	97183	6.79%	0.540%
15	8.948	1120	1124	1127	rBV	172181	161560	11.28%	0.898%
16	9.042	1136	1140	1145	rBV	68911	64008	4.47%	0.356%
17	9.230	1169	1172	1175	rVV2	40284	33569	2.34%	0.187%
18	9.307	1179	1185	1188	rBV	1522341	1431648	100.00%	7.961%
19	9.366	1192	1195	1199	rVV	176739	137929	9.63%	0.767%
20	9.407	1199	1202	1205	rVB	49018	39437	2.75%	0.219%
21	9.501	1216	1218	1222	rVB	32637	30014	2.10%	0.167%
22	9.572	1225	1230	1234	rBV	114459	163316	11.41%	0.908%
23	9.642	1239	1242	1245	rVV	90978	95665	6.68%	0.532%
24	9.672	1245	1247	1248	rVV	91445	76406	5.34%	0.425%
25	9.695	1248	1251	1257	rVB	243569	258595	18.06%	1.438%
26	9.766	1261	1263	1270	rVB3	48523	62129	4.34%	0.345%
27	9.848	1274	1277	1281	rBV2	35666	37413	2.61%	0.208%
28	9.895	1281	1285	1289	rVB	225667	182921	12.78%	1.017%
29	9.966	1295	1297	1298	rBV	35187	26226	1.83%	0.146%
30	9.989	1298	1301	1305	rVV	524286	485936	33.94%	2.702%
31	10.089	1314	1318	1322	rBV	52014	64823	4.53%	0.360%
32	10.130	1322	1325	1327	rBV3	26227	30236	2.11%	0.168%
33	10.154	1327	1329	1331	rVB2	30062	21862	1.53%	0.122%
34	10.189	1331	1335	1338	rBV3	64522	72109	5.04%	0.401%

LSC Area Percent Report

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Acq On : 5 Jul 2018 16:46
Operator : JU/SJ
Sample : J3853-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.230	1338	1342	1344	rBV3	70338	76186	5.32%	0.424%
36	10.301	1351	1354	1357	rBV	45330	49330	3.45%	0.274%
37	10.336	1357	1360	1364	rVB2	70714	68865	4.81%	0.383%
38	10.395	1365	1370	1377	rBV2	277895	297232	20.76%	1.653%
39	10.554	1394	1397	1401	rVB4	43208	51271	3.58%	0.285%
40	10.619	1403	1408	1410	rVB2	89442	101361	7.08%	0.564%
41	10.701	1419	1422	1426	rVB4	53216	54557	3.81%	0.303%
42	10.736	1426	1428	1430	rBV2	34541	33806	2.36%	0.188%
43	10.789	1433	1437	1440	rBV	878409	826293	57.72%	4.595%
44	10.871	1448	1451	1460	rVB2	291625	397433	27.76%	2.210%
45	10.971	1465	1468	1471	rBV3	23488	29400	2.05%	0.163%
46	11.118	1491	1493	1497	rBV2	32636	41138	2.87%	0.229%
47	11.154	1497	1499	1503	rVB4	35142	45699	3.19%	0.254%
48	11.195	1503	1506	1508	rBV3	26847	35849	2.50%	0.199%
49	11.219	1508	1510	1512	rBV2	28760	25636	1.79%	0.143%
50	11.295	1519	1523	1524	rBV2	31695	44097	3.08%	0.245%
51	11.319	1524	1527	1530	rVV	225306	211012	14.74%	1.173%
52	11.348	1530	1532	1534	rVV	100064	85770	5.99%	0.477%
53	11.383	1536	1538	1541	rVB	40268	31775	2.22%	0.177%
54	11.489	1552	1556	1558	rBV	482538	442775	30.93%	2.462%
55	11.513	1558	1560	1562	rVV	140520	108896	7.61%	0.606%
56	11.566	1566	1569	1571	rBV2	35022	33452	2.34%	0.186%
57	11.595	1572	1574	1578	rVB4	30236	25546	1.78%	0.142%
58	11.666	1584	1586	1589	rVB	48329	35495	2.48%	0.197%
59	11.701	1589	1592	1595	rBV4	28149	34470	2.41%	0.192%
60	11.748	1597	1600	1604	rVB	205946	165344	11.55%	0.919%
61	11.818	1610	1612	1619	rVB2	61385	66736	4.66%	0.371%
62	11.989	1638	1641	1643	rBV	59440	67927	4.74%	0.378%
63	12.013	1643	1645	1648	rVB	92277	94571	6.61%	0.526%
64	12.095	1657	1659	1662	rBV2	51860	52687	3.68%	0.293%
65	12.124	1662	1664	1666	rVB	43968	33580	2.35%	0.187%
66	12.154	1666	1669	1672	rBV	127957	109546	7.65%	0.609%
67	12.177	1672	1673	1678	rVV3	32439	36142	2.52%	0.201%
68	12.218	1678	1680	1685	rVB	59845	63429	4.43%	0.353%
69	12.283	1688	1691	1693	rVV3	61183	75434	5.27%	0.419%
70	12.318	1695	1697	1701	rVB	81401	79775	5.57%	0.444%
71	12.413	1711	1713	1715	rBV	33208	29832	2.08%	0.166%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3853-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.465	1719	1722	1724	rBV	39513	31388	2.19%	0.175%
73	12.489	1724	1726	1731	rVB2	79560	86002	6.01%	0.478%
74	12.542	1731	1735	1738	rBV2	147712	159343	11.13%	0.886%
75	12.571	1738	1740	1742	rVB2	32163	27071	1.89%	0.151%
76	12.595	1742	1744	1747	rVB2	47772	40586	2.83%	0.226%
77	12.624	1747	1749	1752	rBV2	24418	33081	2.31%	0.184%
78	12.660	1752	1755	1760	rVB2	44170	50158	3.50%	0.279%
79	12.707	1760	1763	1766	rBV	194326	169029	11.81%	0.940%
80	12.742	1766	1769	1771	rBV	39734	37303	2.61%	0.207%
81	12.877	1790	1792	1796	rVB3	41154	35810	2.50%	0.199%
82	12.918	1796	1799	1800	rBV2	76597	68686	4.80%	0.382%
83	12.936	1800	1802	1806	rVB	175846	169923	11.87%	0.945%
84	12.983	1807	1810	1814	rVB	71157	73761	5.15%	0.410%
85	13.042	1817	1820	1821	rBV2	26307	27632	1.93%	0.154%
86	13.071	1821	1825	1828	rVB	1245382	1135645	79.32%	6.315%
87	13.148	1834	1838	1839	rBV2	29366	37519	2.62%	0.209%
88	13.330	1867	1869	1872	rVB3	32147	25568	1.79%	0.142%
89	13.612	1915	1917	1920	rVB	32124	27266	1.90%	0.152%
90	13.777	1943	1945	1948	rVB	25724	22311	1.56%	0.124%
91	13.948	1971	1974	1979	rBV2	104893	112041	7.83%	0.623%
92	13.989	1979	1981	1985	rBV	24777	25118	1.75%	0.140%
93	14.142	2002	2007	2010	rBV2	484068	550002	38.42%	3.058%
94	14.171	2010	2012	2018	rVB	99524	96189	6.72%	0.535%
95	14.583	2079	2082	2085	rBV3	41836	66514	4.65%	0.370%
96	14.977	2147	2149	2153	rVB	45510	42162	2.94%	0.234%
97	15.230	2188	2192	2195	rBV	88865	146131	10.21%	0.813%
98	15.554	2245	2247	2252	rVB	50439	56610	3.95%	0.315%
99	15.624	2256	2259	2262	rVV	66307	85484	5.97%	0.475%
100	15.689	2266	2270	2274	rVB	251415	317245	22.16%	1.764%

Sum of corrected areas: 17984283

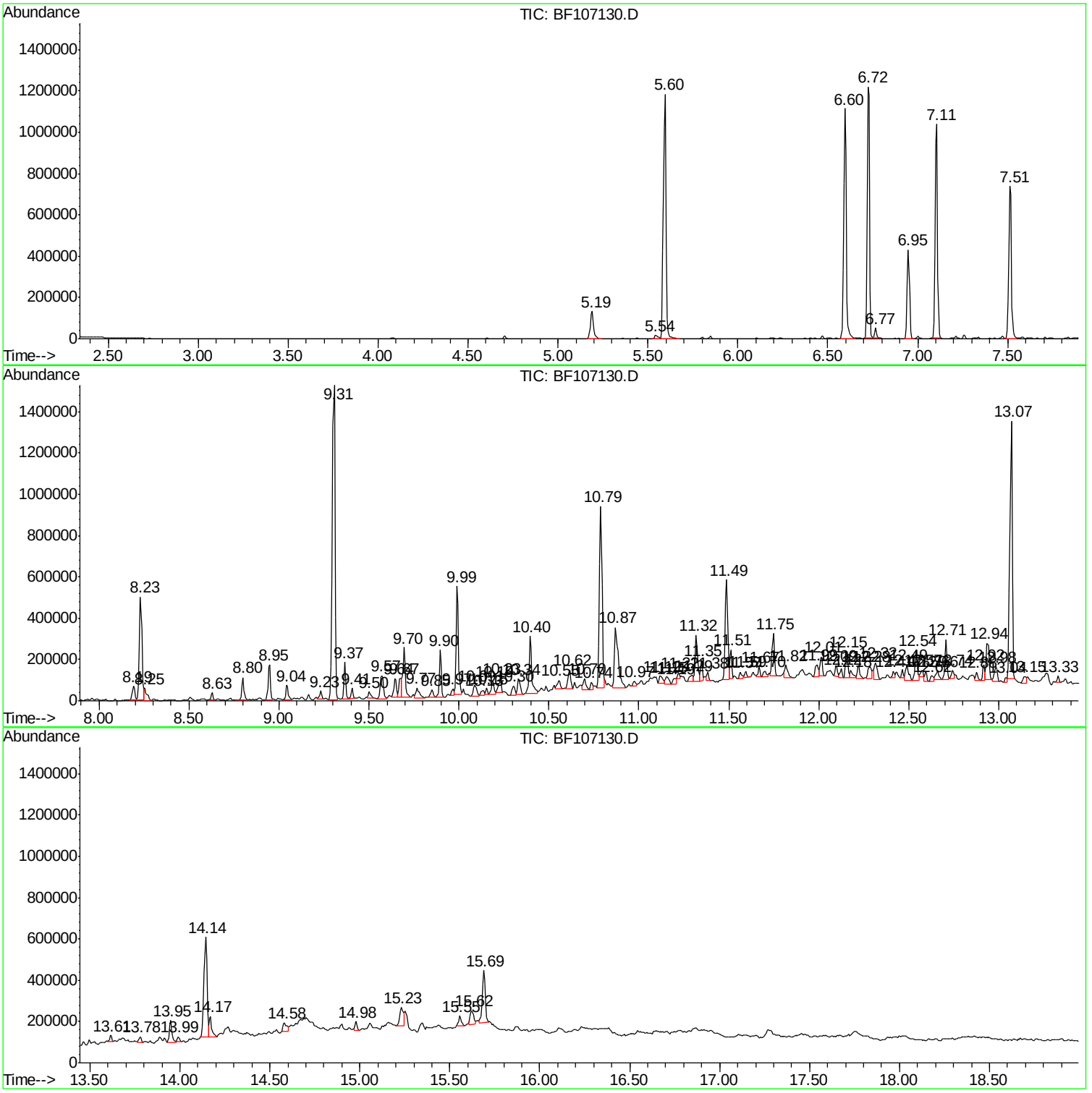
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\
Data File : BF107130.D
Acq On : 5 Jul 2018 16:46
Operator : JU/SJ
Sample : J3853-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF070518\
Data File : BF107130.D
Acq On : 5 Jul 2018 16:46
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Instrument : BNA_F
ClientSampleId : B-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

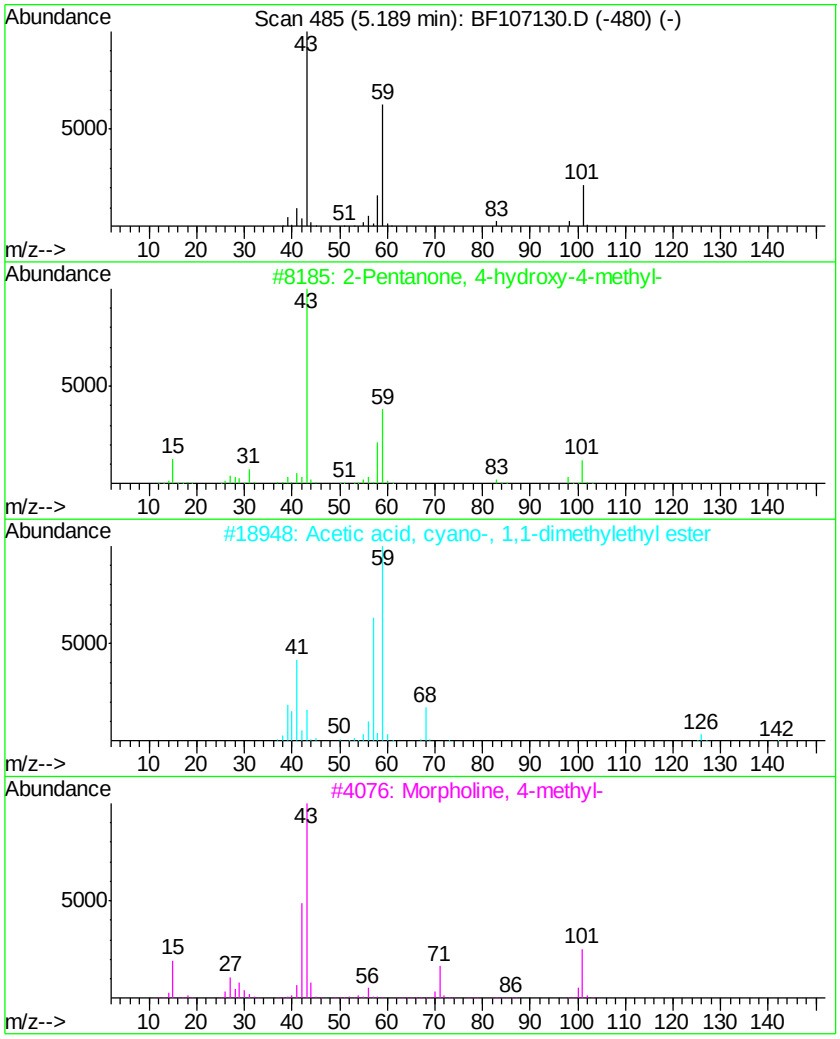
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

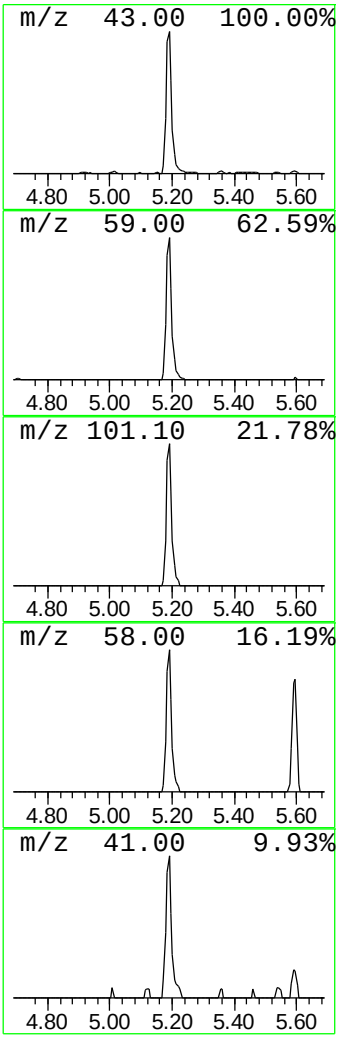
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	9.38 ng	168160	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\
Data File : BF107130.D
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Operator : JU/SJ
Sample : J3853-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

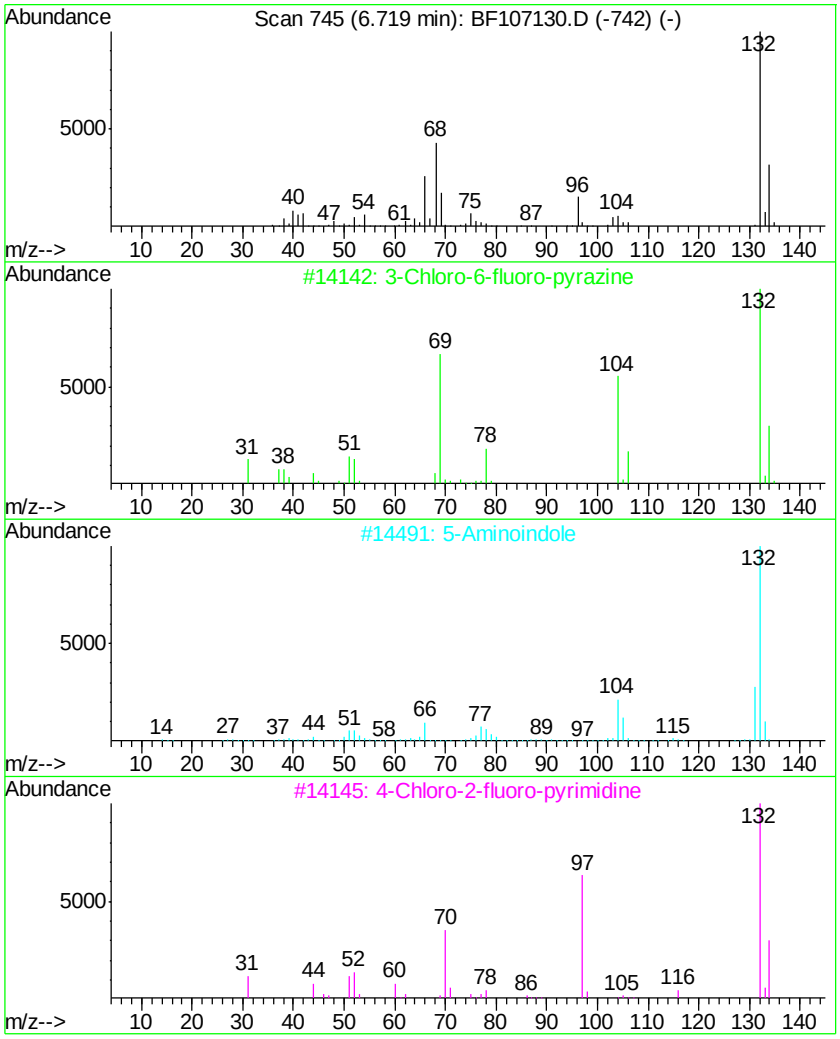
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

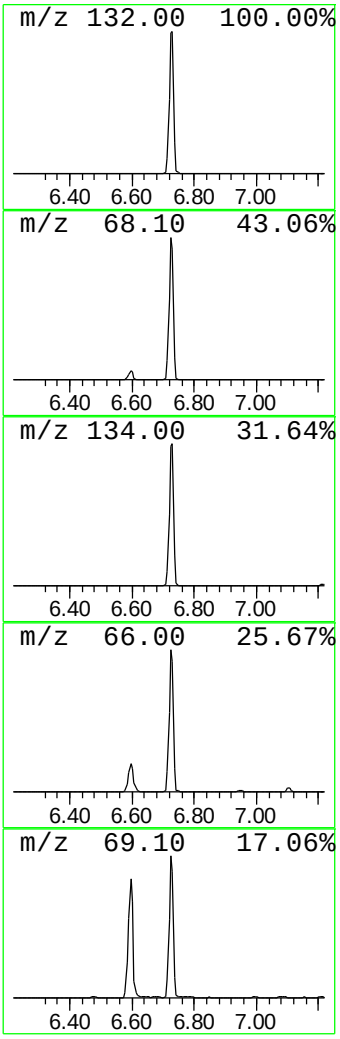
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	67.85 ng	1216690	1,4-Dichlorobenzene-d4	6.95

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\
Data File : BF107130.D
Acq On : 5 Jul 2018 16:46
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TIC Library : C:\DATABASE\NIST11.L
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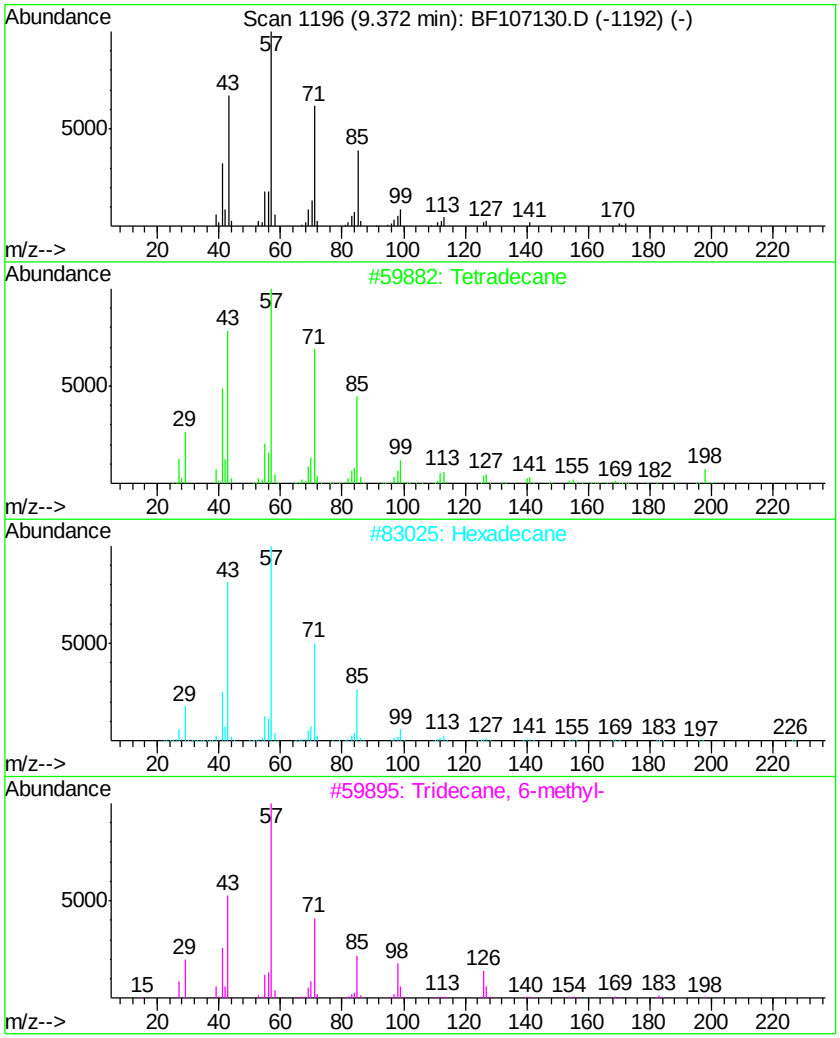
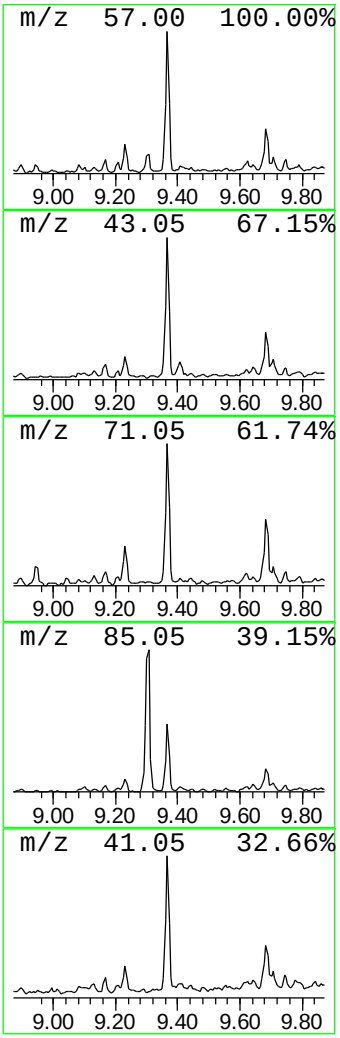
****

Peak Number 5 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	5.68 ng	137929	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	74





Library Search Compound Report

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Data File : BF107130.D
Acq On : 5 Jul 2018 16:46
Operator : JU/SJ
Sample : J3853-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

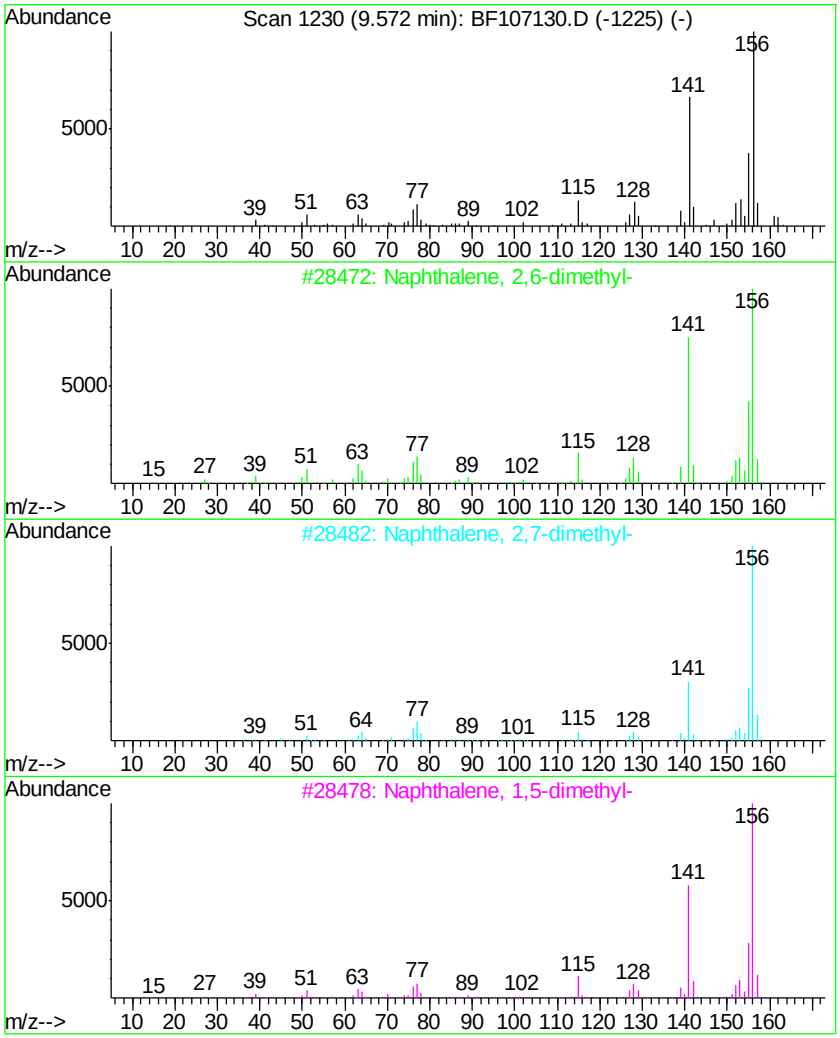
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

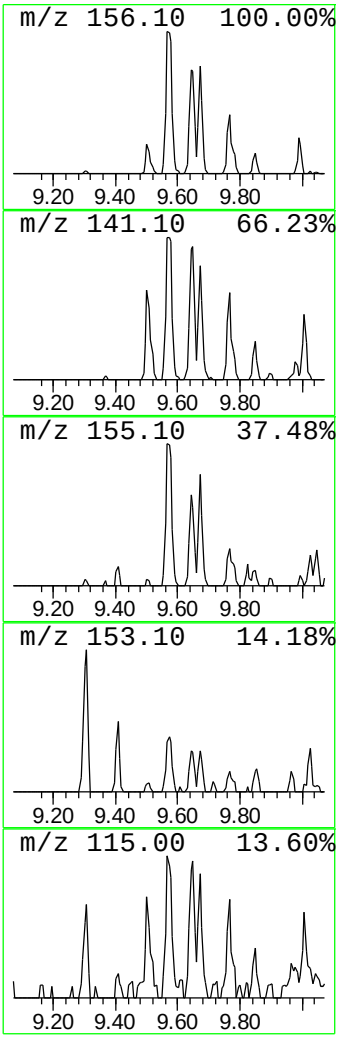
****

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	6.72 ng	163316	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\
Data File : BF107130.D
Acq On : 5 Jul 2018 16:46
Operator : JU/SJ
Sample : J3853-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

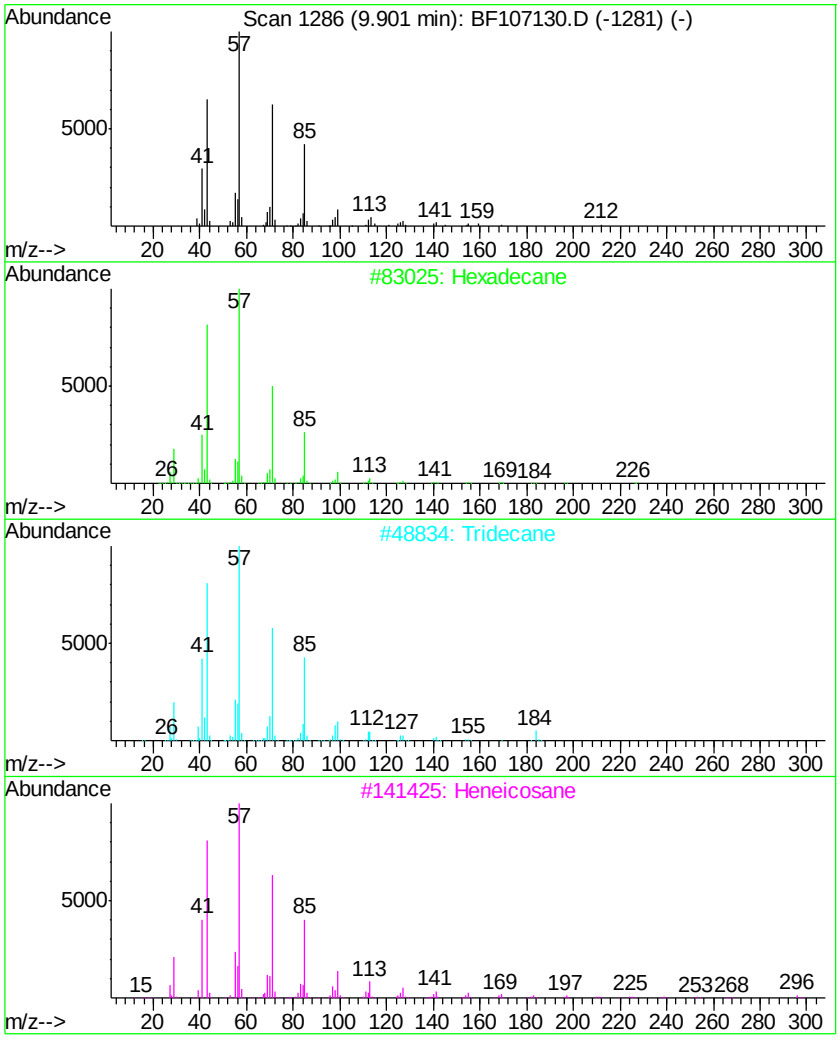
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

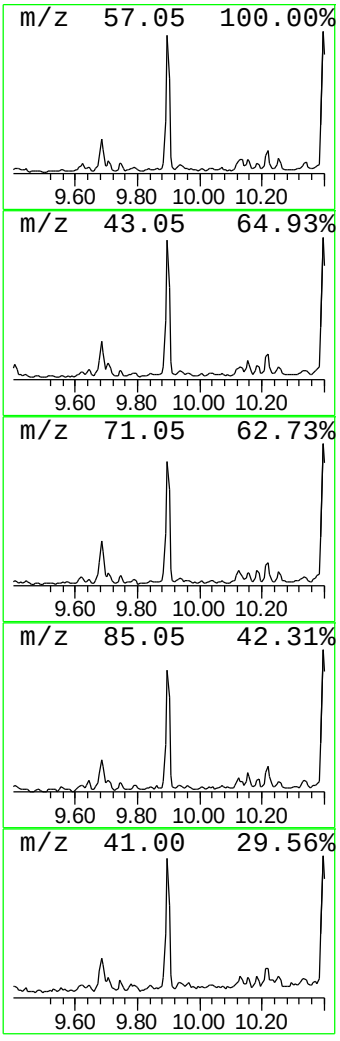
****

Peak Number 8 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	7.53 ng	182921	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Heneicosane	296	C21H44	000629-94-7	78
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5	Undecane	156	C11H24	001120-21-4	64





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Operator : JU/SJ
Sample : J3853-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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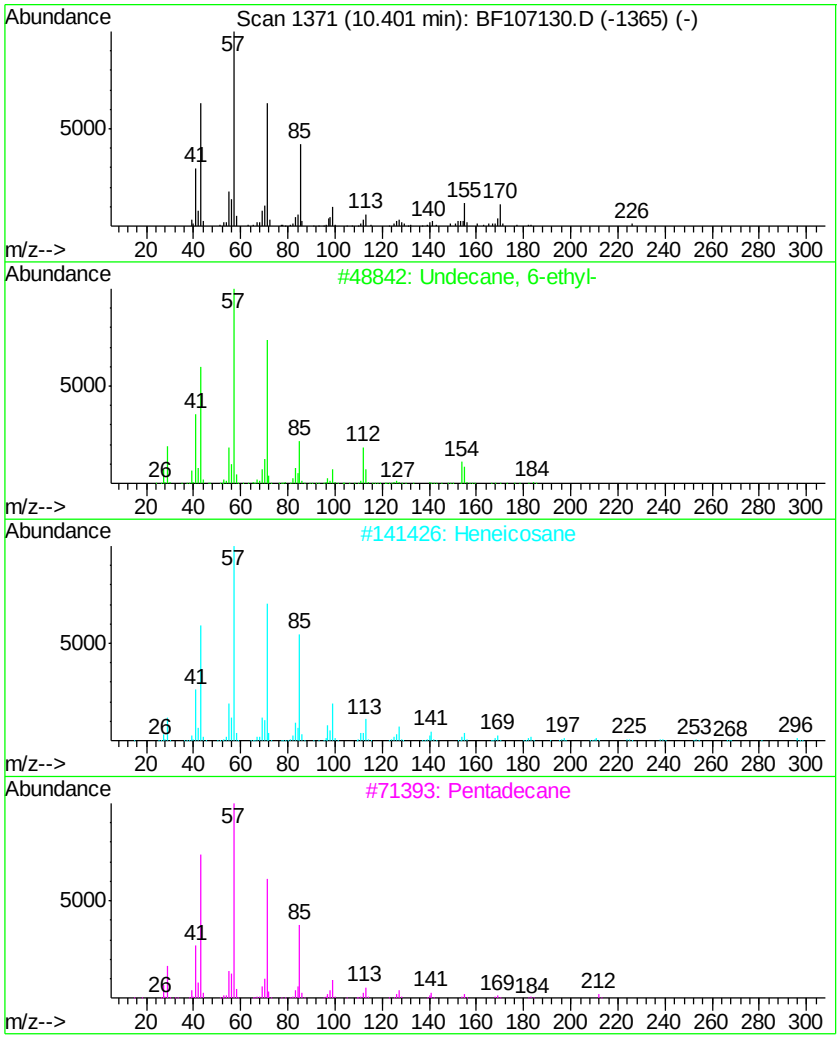
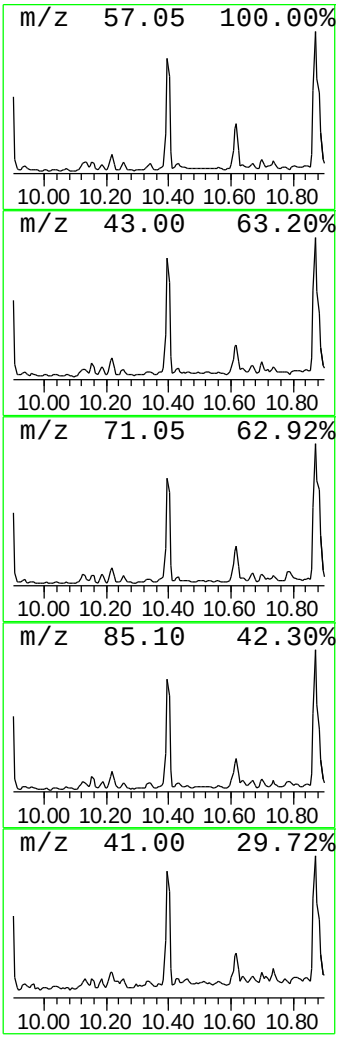
Peak Number 9 Undecane, 6-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	12.23 ng	297232	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
2	Heneicosane	296	C21H44	000629-94-7	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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Sample : J3853-09
Misc :
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Instrument : BNA_F
ClientSampleId : B-8

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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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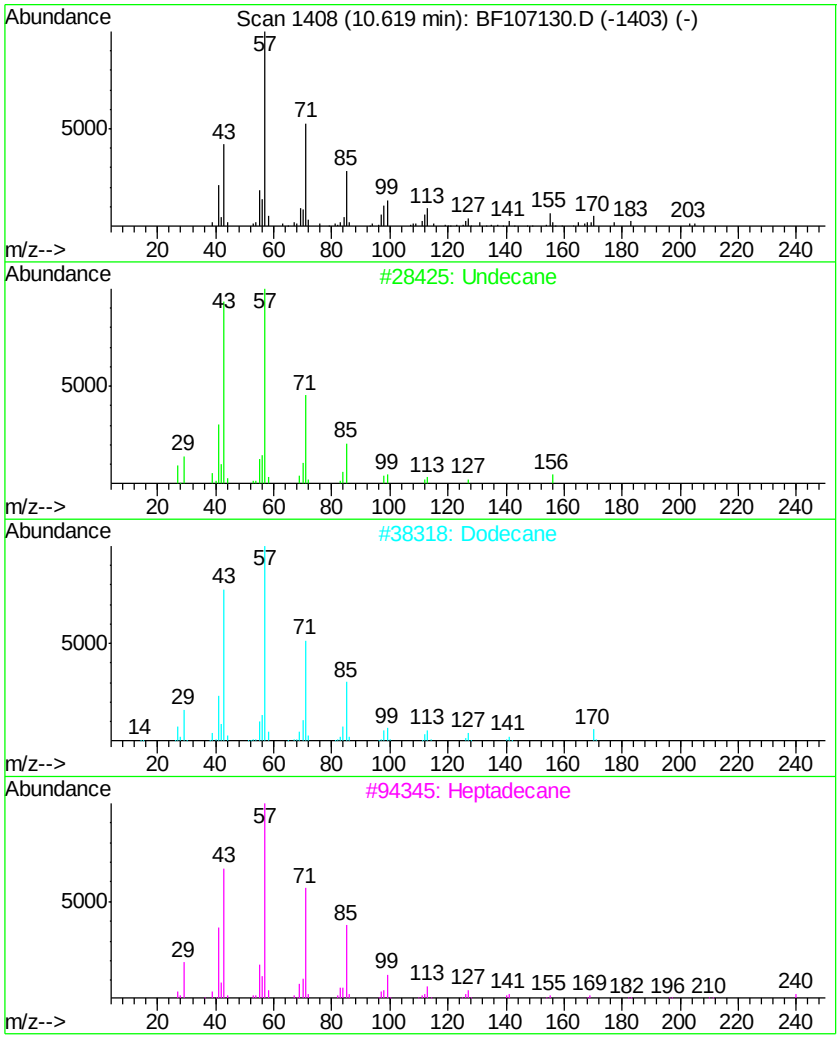
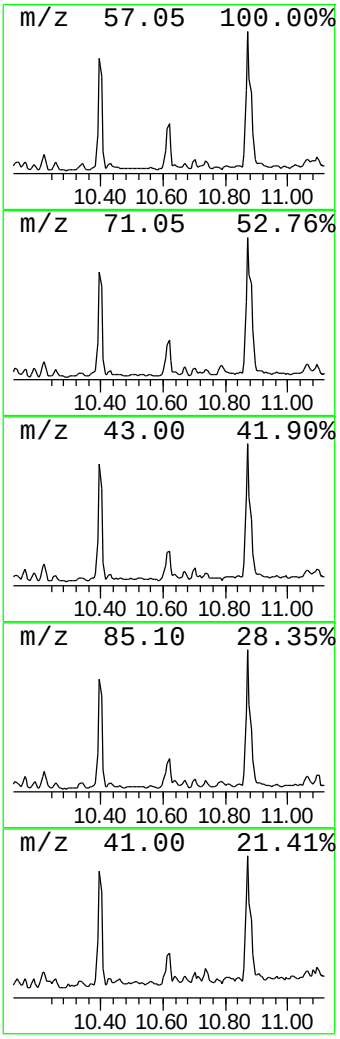
Peak Number 10 Undecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	4.17 ng	101361	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Dodecane	170	C12H26	000112-40-3	83
3	Heptadecane	240	C17H36	000629-78-7	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Heptacosane	380	C27H56	000593-49-7	80





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Instrument : BNA_F
ClientSampleId : B-8

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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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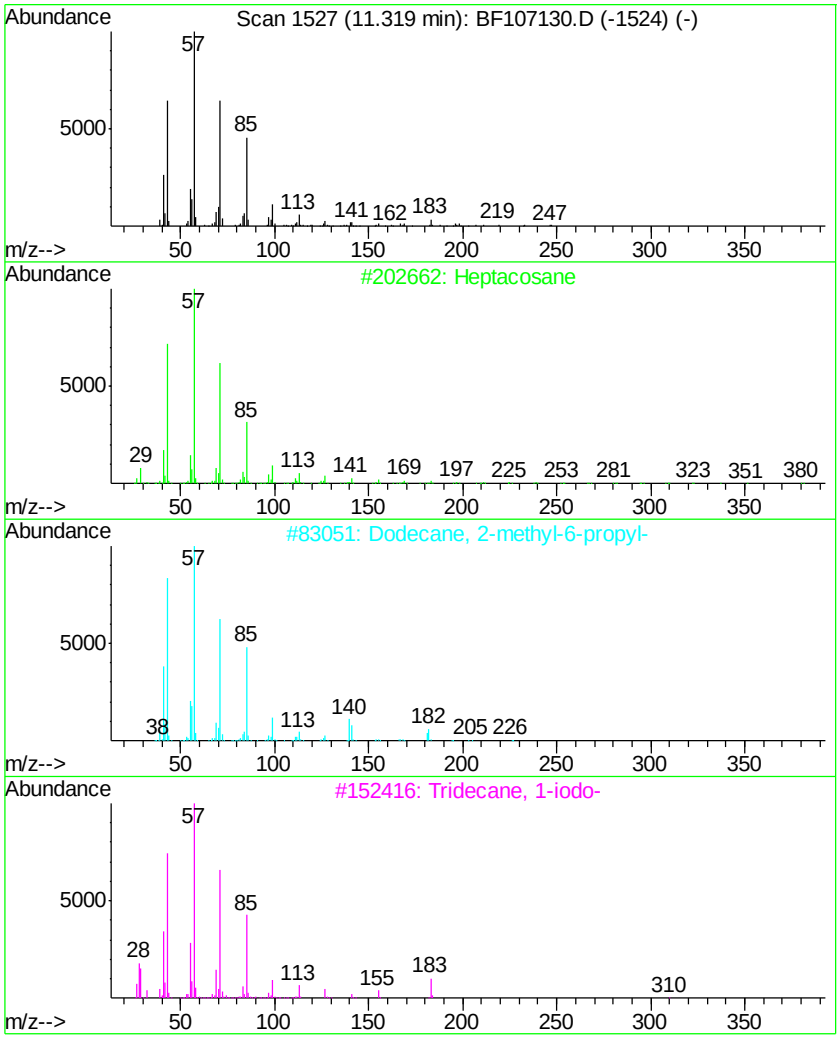
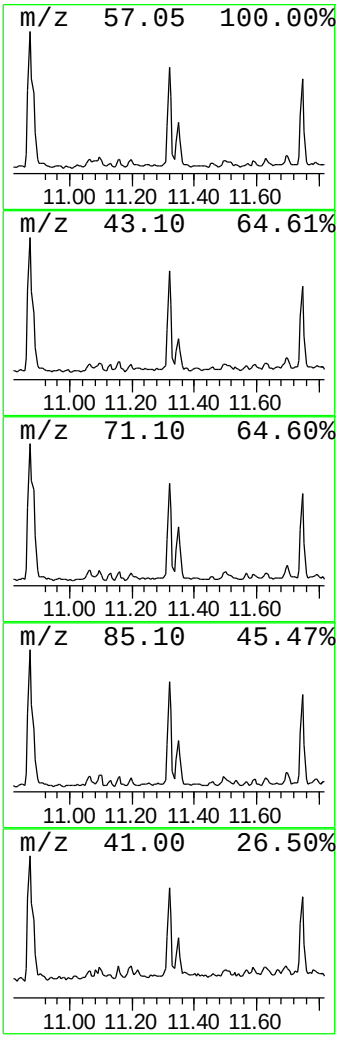
Peak Number 12 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	9.53 ng	211012	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
5	Hexadecane	226	C16H34	000544-76-3	64





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ClientSampleId : B-8

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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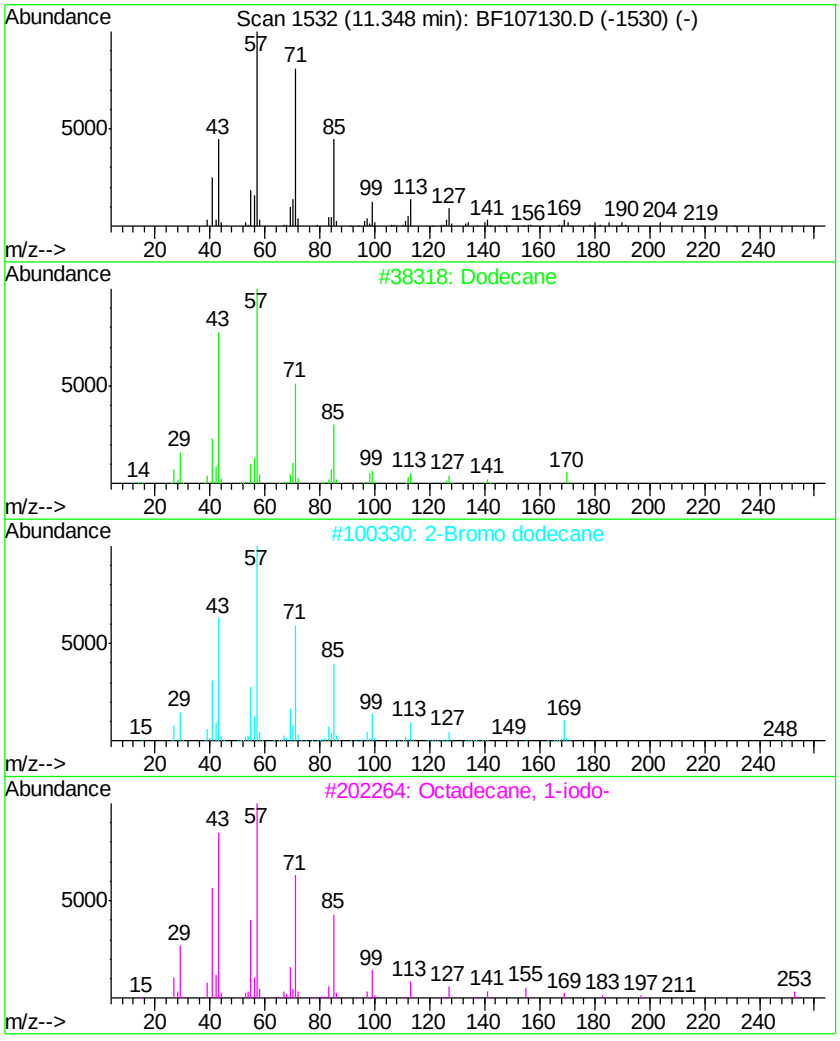
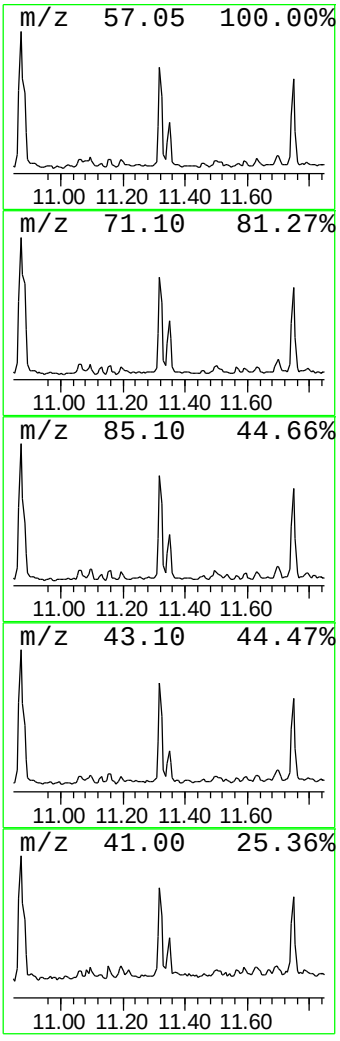
Peak Number 13 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	3.87 ng	85770	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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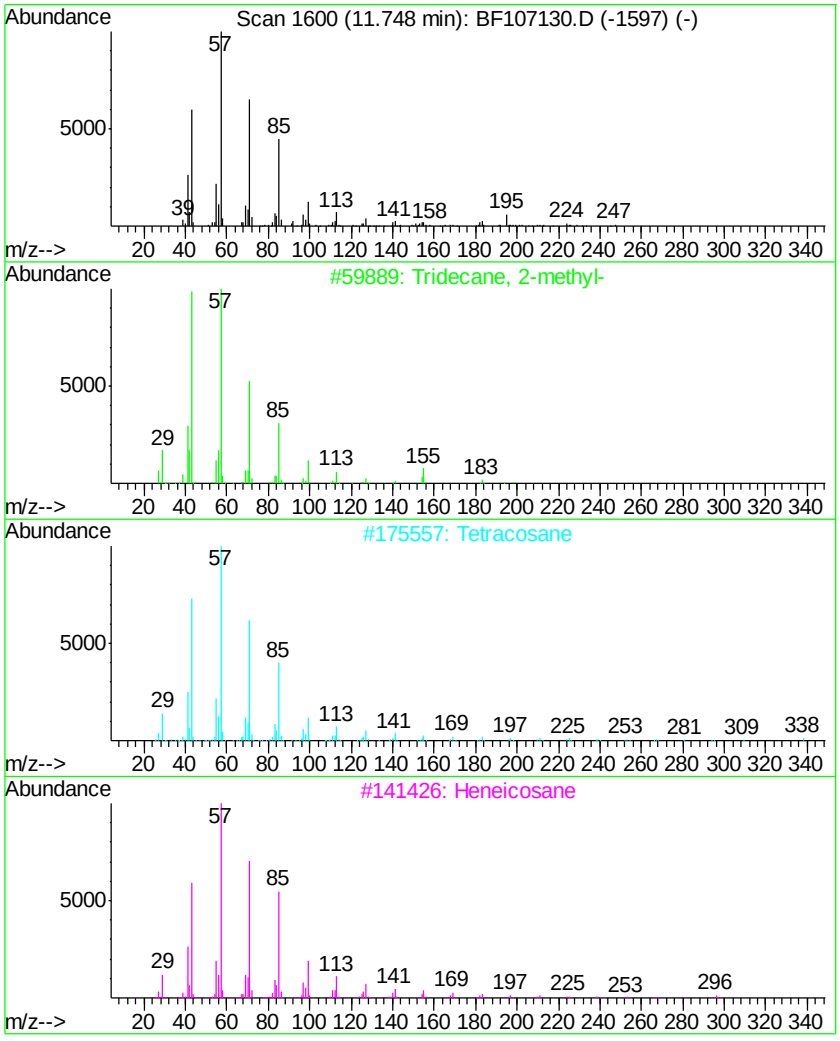
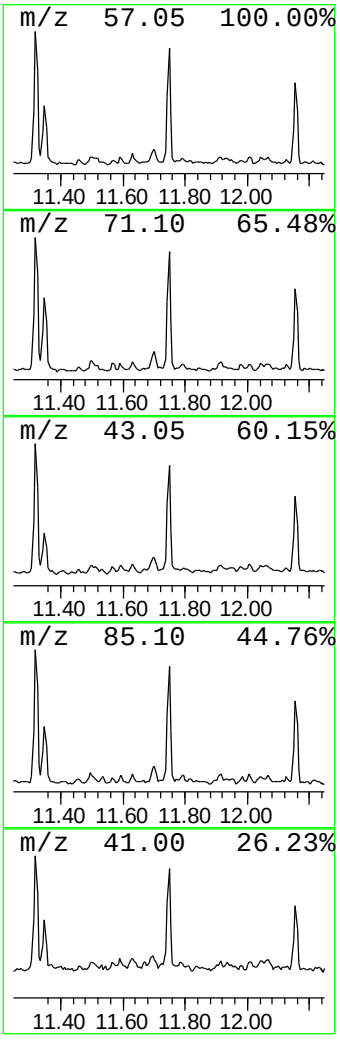
Peak Number 14 Tridecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	7.47 ng	165344	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentadecane	212	C15H32	000629-62-9	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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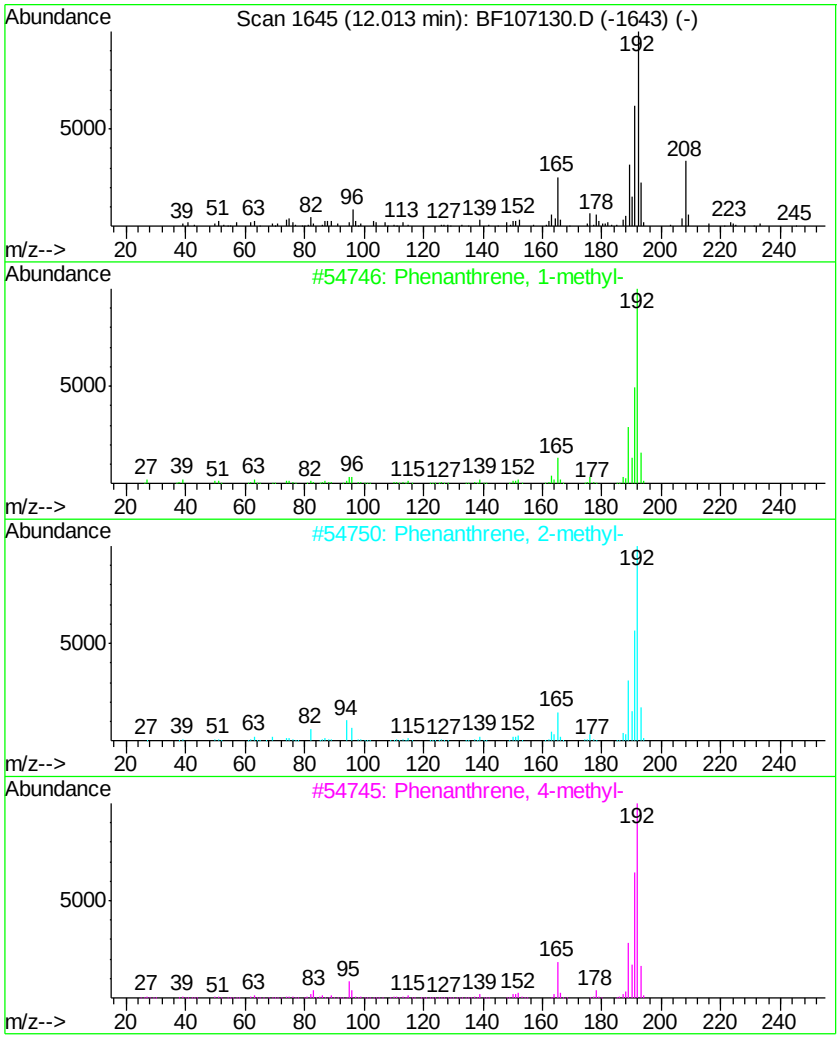
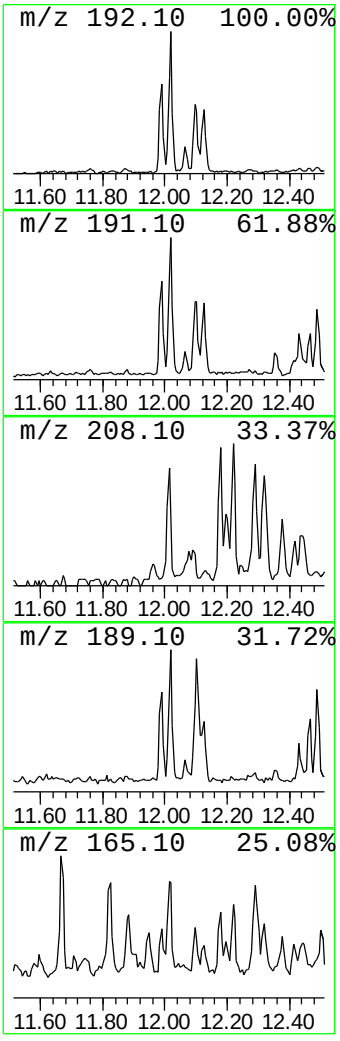
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.27 ng	94571	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86





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Instrument : BNA_F
ClientSampleId : B-8

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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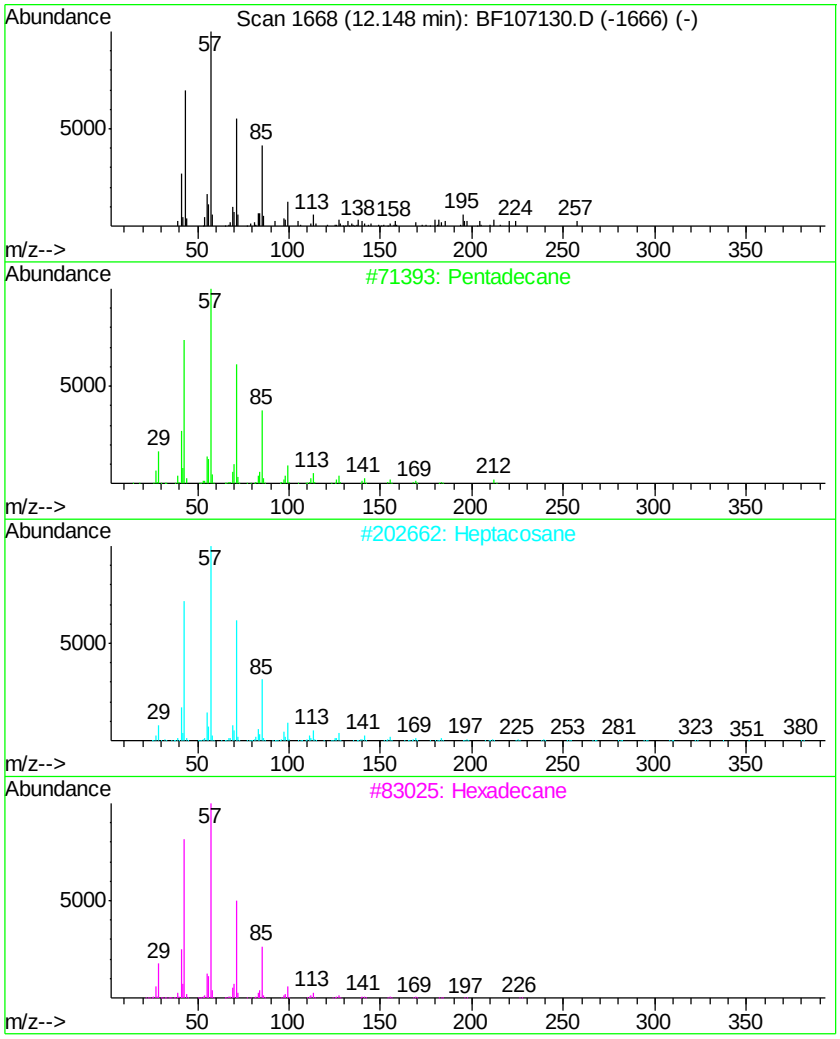
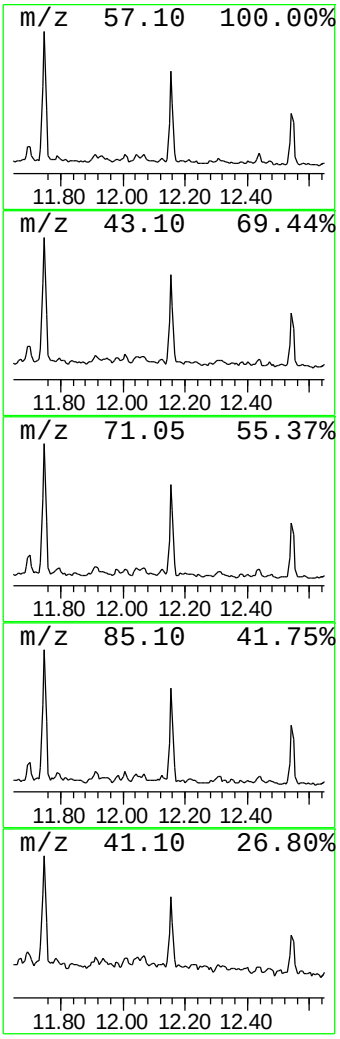
Peak Number 16 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	4.95 ng	109546	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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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 17 3,7-Dimethyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	3.60 ng	79775	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	50
2	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	45
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	45
4	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	45
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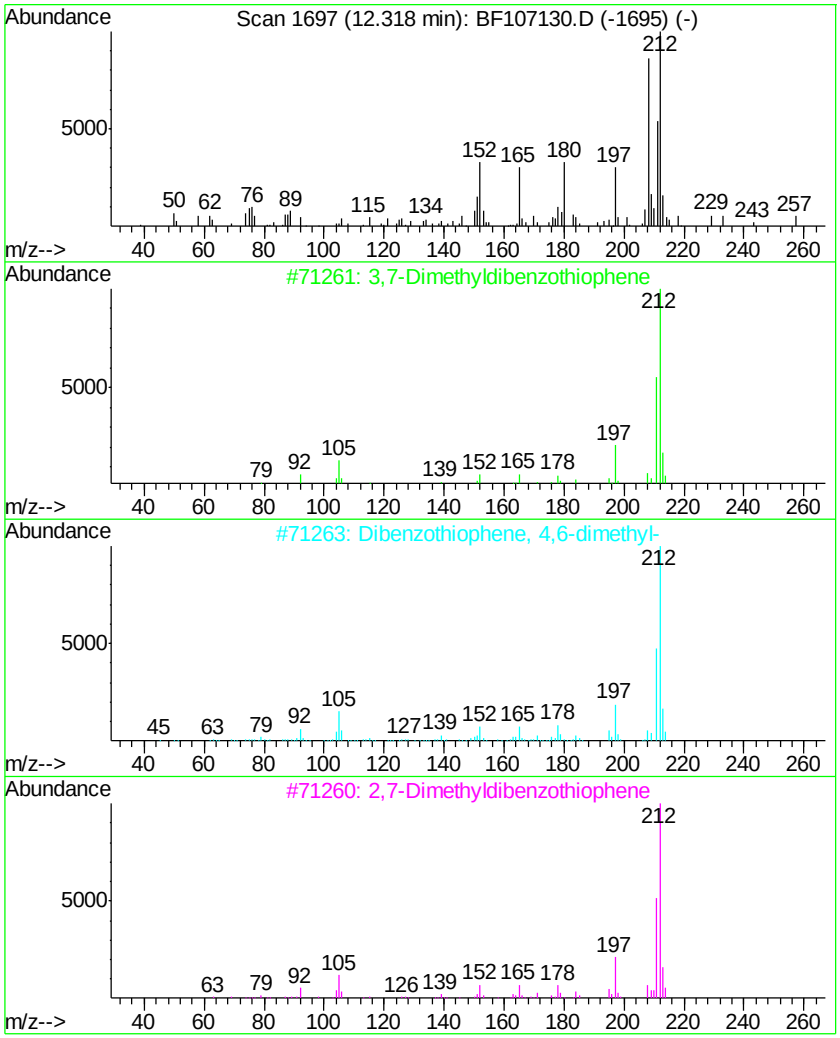

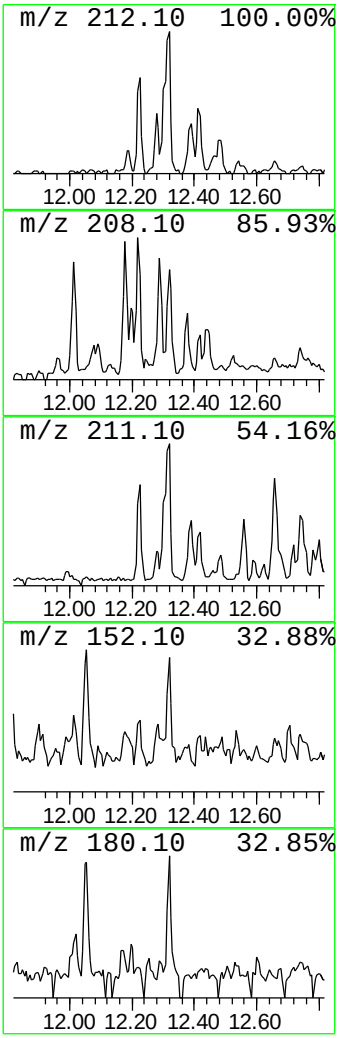

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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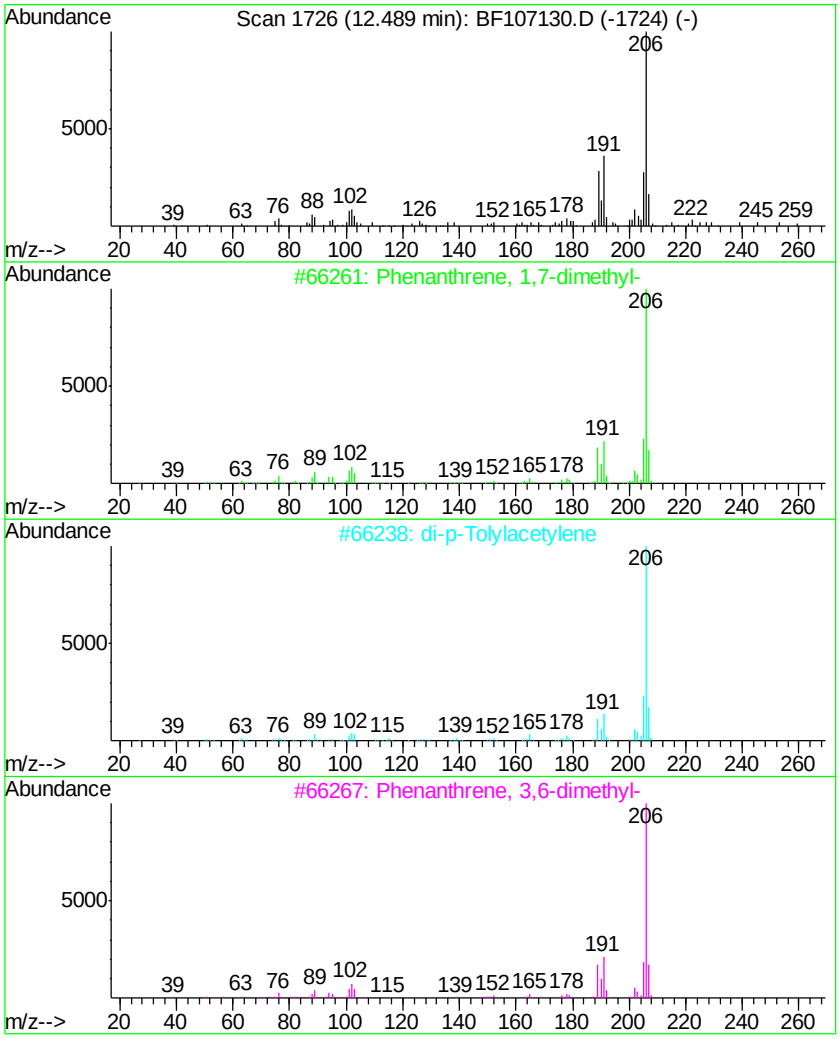
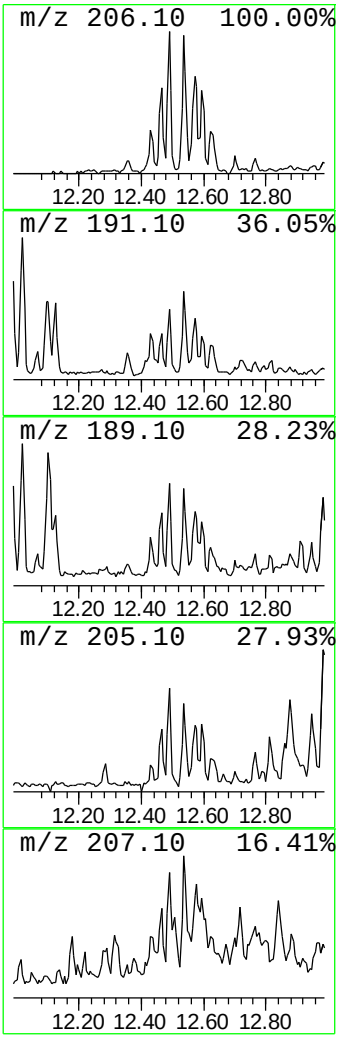
Peak Number 18 Phenanthrene, 1,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.88 ng	86002	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8

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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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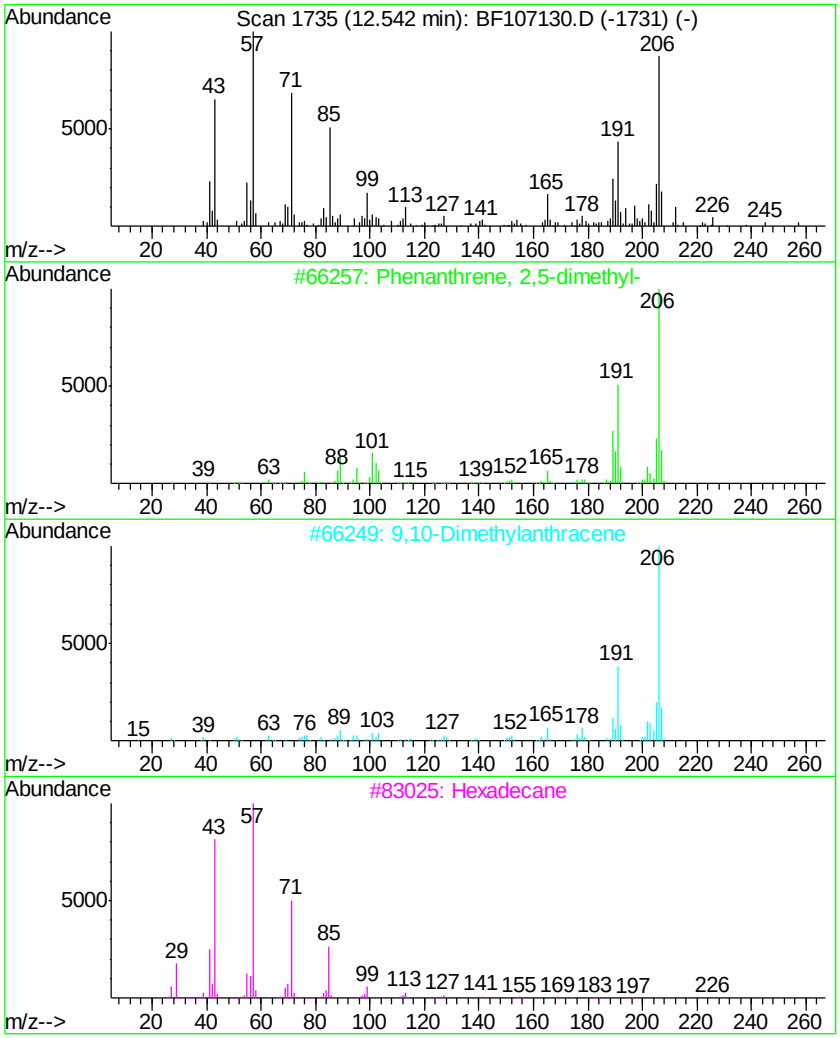
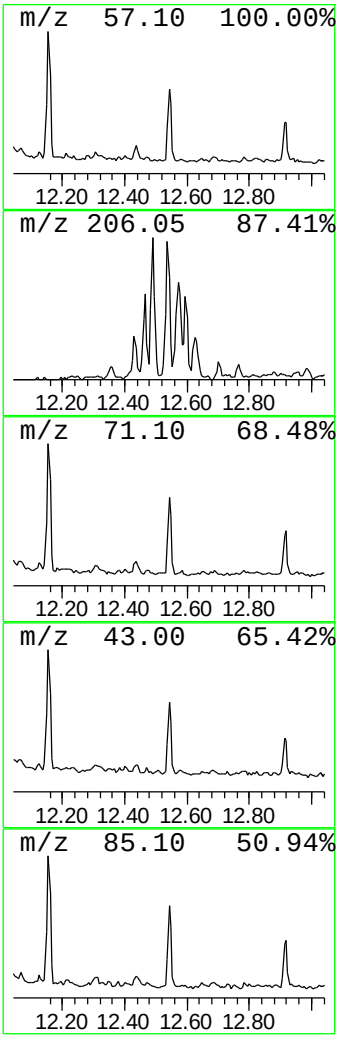
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	7.20 ng	159343	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
3	Hexadecane	226	C16H34	000544-76-3	58
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	50





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

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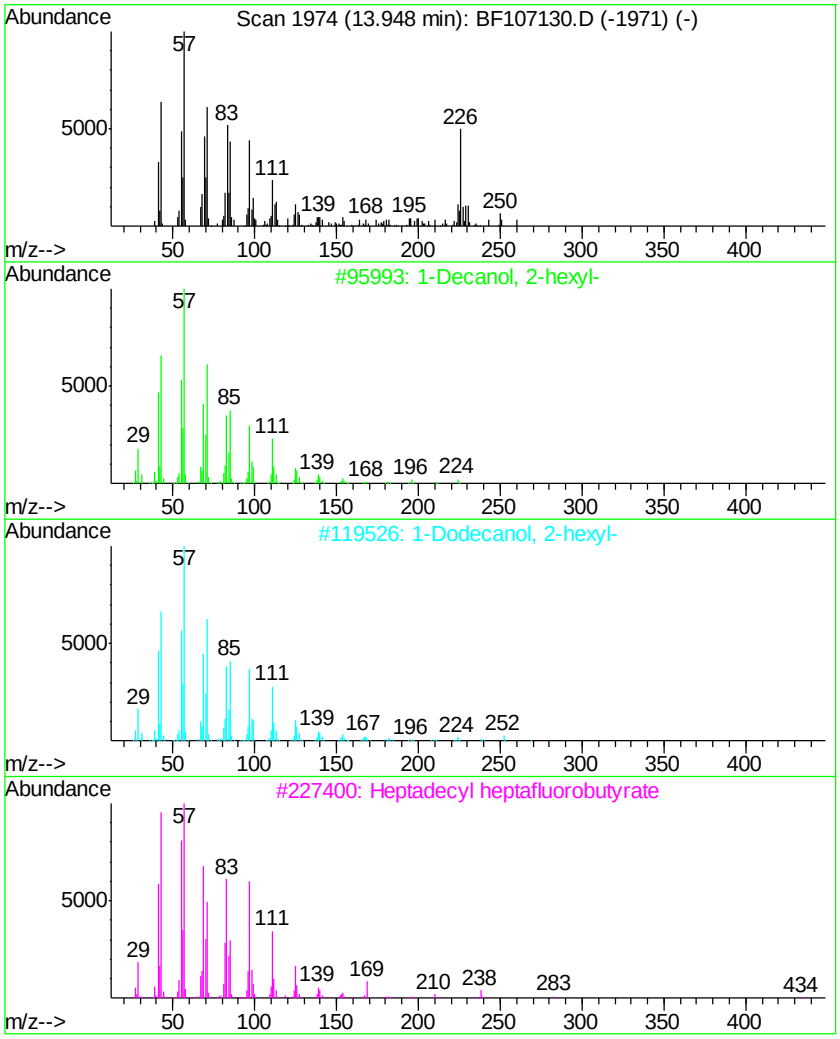
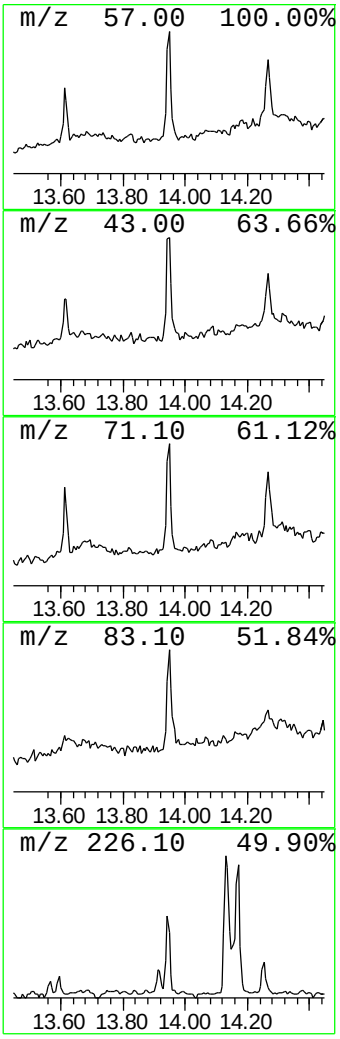
Peak Number 20 1-Decanol, 2-hexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.07 ng	112041	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	62
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	55
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	50
4	Hexadecane	226	C16H34	000544-76-3	50
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	46





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
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2-Pentanone, 4-hy...	5.19	9.4	ng	168160	1	6.95	358655	20.0
unknown6.72	6.72	67.8	ng	1216690	1	6.95	358655	20.0
Tetradecane	9.37	5.7	ng	137929	3	9.99	485936	20.0
Naphthalene, 2,6-...	9.57	6.7	ng	163316	3	9.99	485936	20.0
Hexadecane	9.90	7.5	ng	182921	3	9.99	485936	20.0
Undecane, 6-ethyl-	10.40	12.2	ng	297232	3	9.99	485936	20.0
Undecane	10.62	4.2	ng	101361	3	9.99	485936	20.0
Heptacosane	11.32	9.5	ng	211012	4	11.49	442775	20.0
Dodecane	11.35	3.9	ng	85770	4	11.49	442775	20.0
Tridecane, 2-methyl-	11.75	7.5	ng	165344	4	11.49	442775	20.0
Phenanthrene, 1-m...	12.01	4.3	ng	94571	4	11.49	442775	20.0
Pentadecane	12.15	5.0	ng	109546	4	11.49	442775	20.0
3,7-Dimethyldiben...	12.32	3.6	ng	79775	4	11.49	442775	20.0
Phenanthrene, 1,7...	12.49	3.9	ng	86002	4	11.49	442775	20.0
Phenanthrene, 2,5...	12.54	7.2	ng	159343	4	11.49	442775	20.0
1-Decanol, 2-hexyl-	13.95	4.1	ng	112041	5	14.14	550002	20.0