LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109502.D
Acq On : 2 Oct 2018 15:37
Operator : JU/SJ
Sample : J5200-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100118-B

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	473	476	482	rBV	16291	20574	1.11%	0.113%
2	5.316	546	549	574	rBV	378260	619830	33.30%	3.397%
3	6.345	720	724	742	rBV	508029	719470	38.66%	3.944%
4	6.475	742	746	765	rVB	638354	757193	40.68%	4.150%
5	6.704	781	785	795	rBV	606651	624669	33.56%	3.424%
6	6.857	808	811	828	rBV	603313	588900	31.64%	3.228%
7	7.263	876	880	894	rBV	419582	465948	25.04%	2.554%
8	7.986	999	1003	1014	rBV	850514	836000	44.92%	4.582%
9	8.798	1137	1141	1148	rVB2	12489	20425	1.10%	0.112%
10	9.057	1181	1185	1197	rBV	1077412	942549	50.64%	5.166%
11	9.151	1197	1201	1205	rVV3	22279	25032	1.34%	0.137%
12	9.327	1225	1231	1235	rBV3	12604	22091	1.19%	0.121%
13	9.451	1249	1252	1257	rBV	68413	82166	4.41%	0.450%
14	9.592	1274	1276	1283	rVB	37933	37311	2.00%	0.205%
15	9.674	1288	1290	1295	rVB	34190	30008	1.61%	0.164%
16	9.733	1295	1300	1304	rBV	1023220	901501	48.44%	4.941%
17	9.763	1304	1305	1309	rVB	33851	24431	1.31%	0.134%
18	9.939	1332	1335	1338	rVB	18604	18676	1.00%	0.102%
19	10.051	1349	1354	1357	rBV4	13066	19082	1.03%	0.105%
20	10.174	1372	1375	1382	rVB2	48894	43155	2.32%	0.237%
21	10.280	1390	1393	1399	rVB	34648	45178	2.43%	0.248%
22	10.392	1409	1412	1417	rVB4	22651	25595	1.38%	0.140%
23	10.516	1429	1433	1443	rBV	480798	467168	25.10%	2.561%
24	10.645	1452	1455	1463	rBV	67828	79199	4.26%	0.434%
25	10.851	1489	1490	1497	rVB5	18319	21132	1.14%	0.116%
26	10.974	1506	1511	1516	rVB7	13248	22013	1.18%	0.121%
27	11.092	1528	1531	1533	rBV	48360	41701	2.24%	0.229%
28	11.121	1535	1536	1541	rVB2	28174	20373	1.09%	0.112%
29	11.210	1547	1551	1554	rBV	846521	805545	43.28%	4.415%
30	11.233	1554	1555	1559	rVV	238774	147041	7.90%	0.806%
31	11.286	1561	1564	1568	rVB	54921	46316	2.49%	0.254%
32	11.516	1598	1603	1605	rBV2	42917	40521	2.18%	0.222%
33	11.539	1605	1607	1611	rVB2	24339	23571	1.27%	0.129%
34	11.616	1616	1620	1626	rVB	994348	792941	42.61%	4.346%

LSC Area Percent Report

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Acq On : 2 Oct 2018 15:37
Operator : JU/SJ
Sample : J5200-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100118-B

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.710	1633	1636	1639	rBV	50973	47990	2.58%	0.263%
36	11.745	1639	1642	1646	rVV2	91187	94715	5.09%	0.519%
37	11.821	1651	1655	1657	rVV	88639	84711	4.55%	0.464%
38	11.845	1657	1659	1665	rVB	51981	50035	2.69%	0.274%
39	11.921	1669	1672	1675	rBV	37565	34595	1.86%	0.190%
40	12.004	1684	1686	1689	rBV2	27438	32437	1.74%	0.178%
41	12.027	1689	1690	1696	rVB3	22260	24654	1.32%	0.135%
42	12.263	1726	1730	1732	rBV	53757	58696	3.15%	0.322%
43	12.298	1732	1736	1738	rBV	1922986	1861119	100.00%	10.201%
44	12.321	1738	1740	1748	rVB	1760523	1547381	83.14%	8.482%
45	12.404	1751	1754	1755	rBV	382194	312642	16.80%	1.714%
46	12.463	1760	1764	1767	rVB4	38979	47286	2.54%	0.259%
47	12.645	1789	1795	1798	rBV	281559	287814	15.46%	1.578%
48	12.680	1798	1801	1803	rVV3	33918	36428	1.96%	0.200%
49	12.704	1803	1805	1808	rVB3	21714	24668	1.33%	0.135%
50	12.763	1809	1815	1816	rBV5	20548	29031	1.56%	0.159%
51	12.792	1816	1820	1827	rVB	713868	690717	37.11%	3.786%
52	12.863	1829	1832	1837	rBV2	29468	45677	2.45%	0.250%
53	12.974	1844	1851	1855	rBV	66789	96294	5.17%	0.528%
54	13.039	1859	1862	1866	rVV3	67540	84893	4.56%	0.465%
55	13.074	1866	1868	1871	rVV2	45294	49329	2.65%	0.270%
56	13.127	1874	1877	1881	rVV3	23924	33254	1.79%	0.182%
57	13.168	1881	1884	1886	rVV	40937	39910	2.14%	0.219%
58	13.198	1886	1889	1893	rVV	52581	50291	2.70%	0.276%
59	13.239	1893	1896	1898	rVV4	21788	24518	1.32%	0.134%
60	13.280	1901	1903	1907	rVB5	26762	30744	1.65%	0.169%
61	13.374	1916	1919	1922	rBV2	38506	37506	2.02%	0.206%
62	13.480	1935	1937	1942	rVB	29011	29170	1.57%	0.160%
63	13.545	1945	1948	1952	rVB2	47829	57450	3.09%	0.315%
64	13.586	1952	1955	1958	rBV2	36146	49470	2.66%	0.271%
65	13.704	1972	1975	1982	rVB4	69894	96687	5.20%	0.530%
66	13.792	1987	1990	1992	rBV	33429	33237	1.79%	0.182%
67	13.839	1993	1998	2001	rVV2	815404	879783	47.27%	4.822%
68	13.862	2001	2002	2008	rVB	143003	96696	5.20%	0.530%
69	13.980	2020	2022	2025	rBV	17727	19100	1.03%	0.105%
70	14.015	2026	2028	2033	rVB2	43977	43879	2.36%	0.241%
71	14.227	2061	2064	2067	rVB	42555	45109	2.42%	0.247%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-100118-B

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.257	2067	2069	2072	rVB	33664	29011	1.56%	0.159%
73	14.321	2077	2080	2082	rBV2	66425	58573	3.15%	0.321%
74	14.615	2127	2130	2132	rBV	71489	68113	3.66%	0.373%
75	14.845	2166	2169	2176	rVV	120984	204068	10.96%	1.119%
76	14.927	2180	2183	2189	rVB2	88791	119104	6.40%	0.653%
77	15.127	2214	2217	2222	rVB	76419	95925	5.15%	0.526%
78	15.180	2223	2226	2232	rVV	105515	130403	7.01%	0.715%
79	15.245	2232	2237	2240	rVV	512866	641886	34.49%	3.518%
80	15.274	2240	2242	2249	rVB2	99023	131000	7.04%	0.718%
81	15.680	2307	2311	2316	rVB	96393	127091	6.83%	0.697%
82	16.139	2385	2389	2394	rVB	70102	105872	5.69%	0.580%
83	16.586	2463	2465	2471	rVB2	30654	47575	2.56%	0.261%

Sum of corrected areas: 18243842

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109502.D
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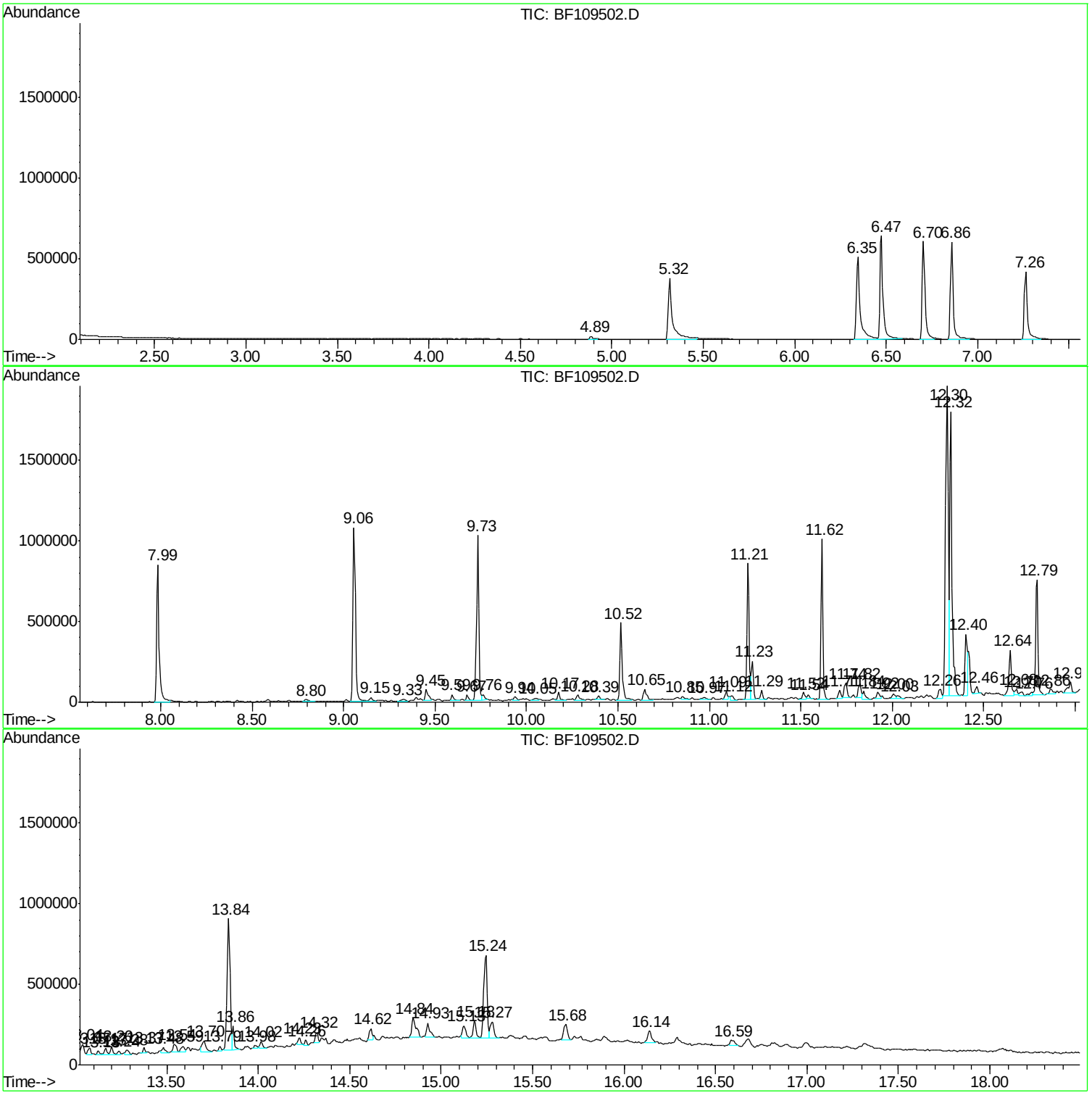
Operator : JU/SJ
Sample : J5200-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF100218\
Data File : BF109502.D
Acq On : 2 Oct 2018 15:37
Operator : JU/SJ
Sample : J5200-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

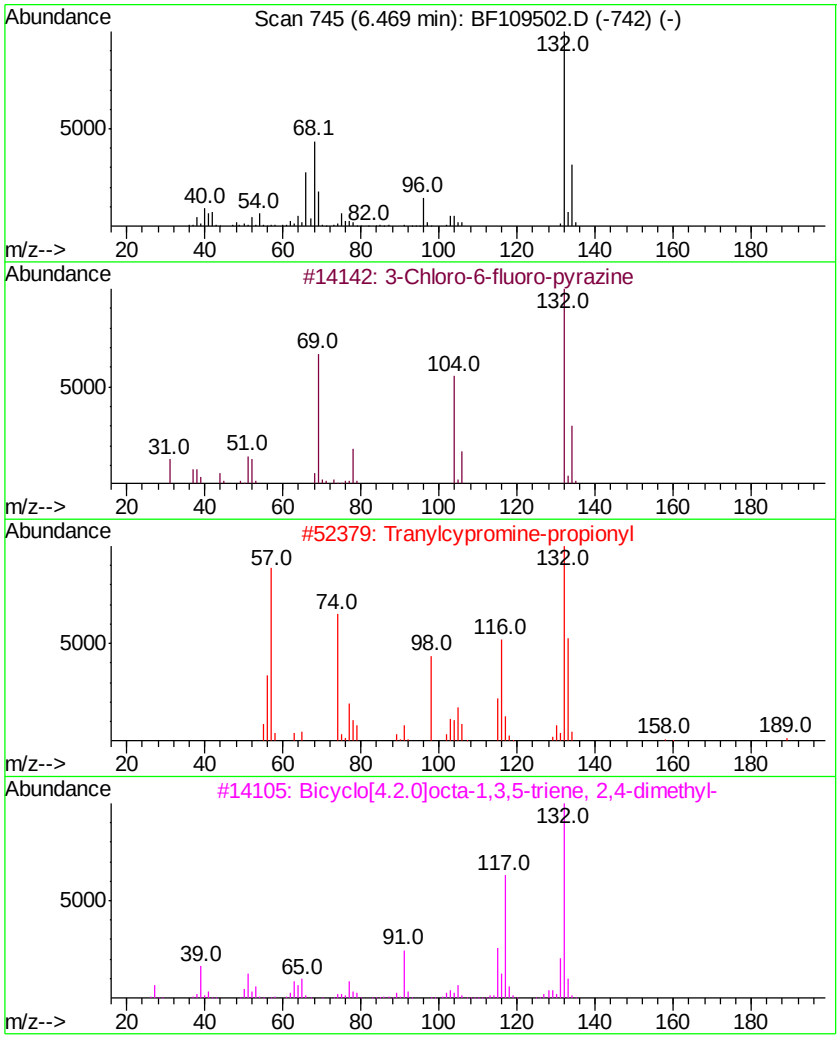
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

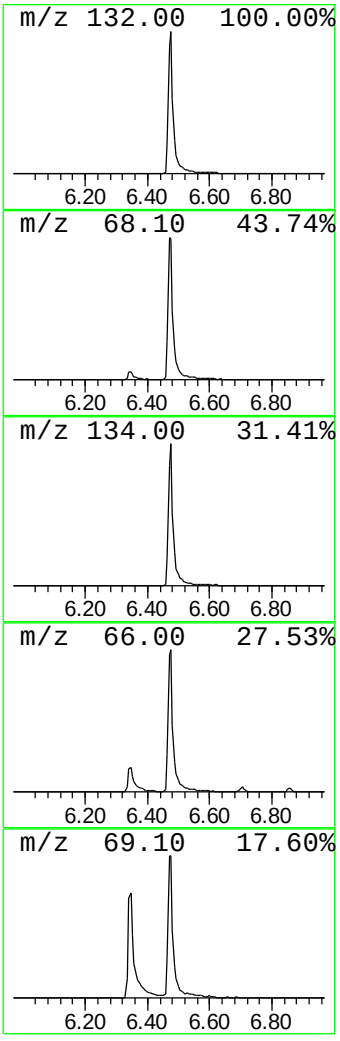
****

Peak Number 1 unknown6.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	24.24 ng	757193	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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ClientSampleId : OR-02-100118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

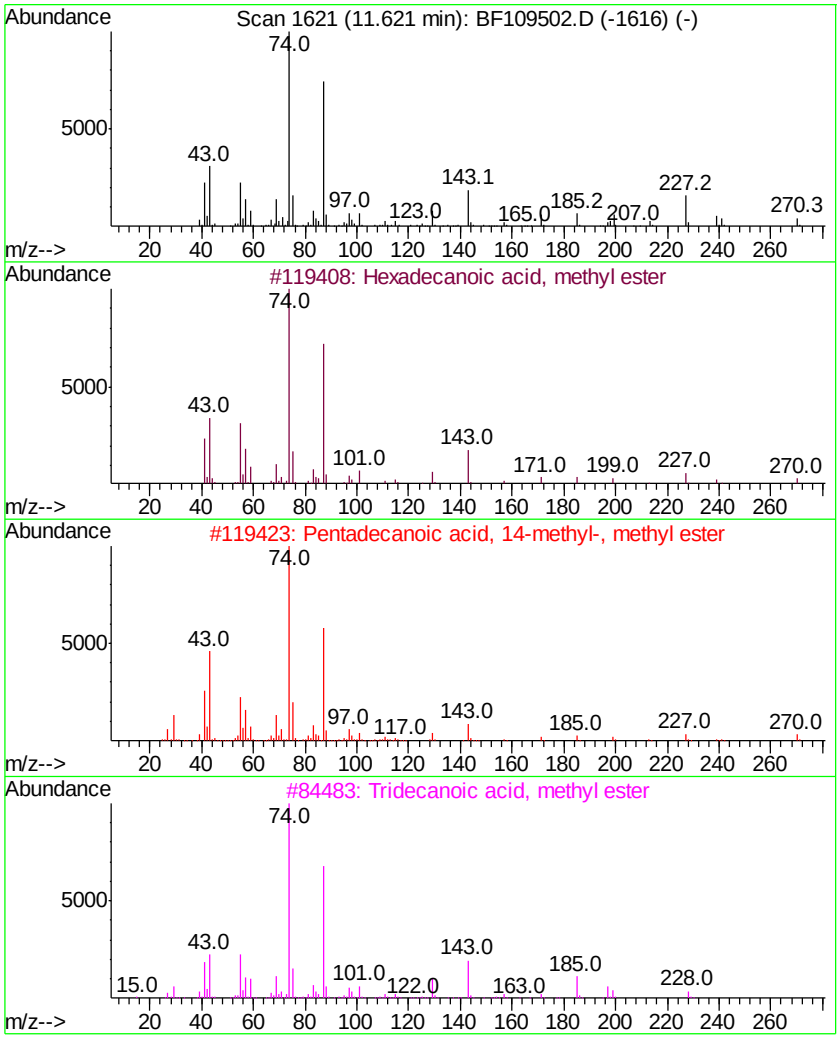
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

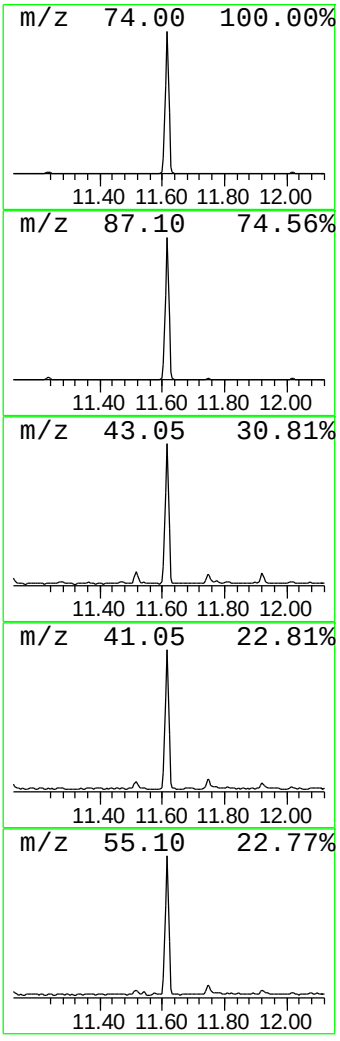
****

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	19.69 ng	792941	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86





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Instrument : BNA_F
ClientSampleId : OR-02-100118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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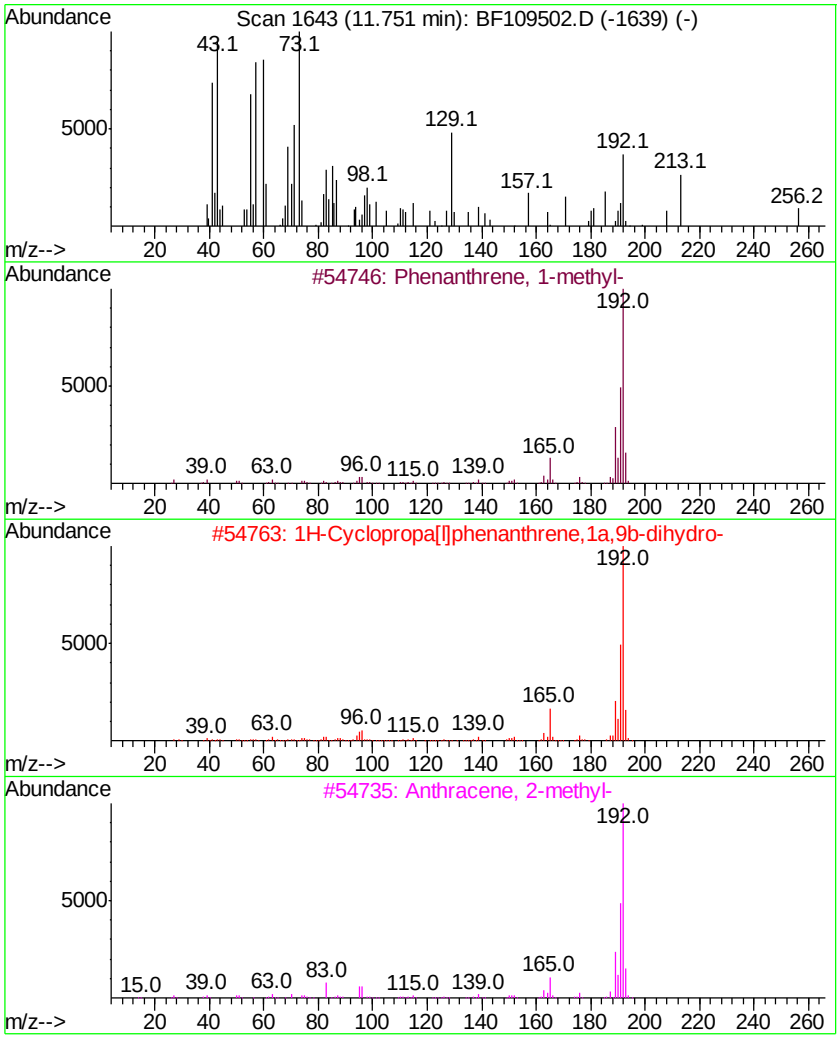
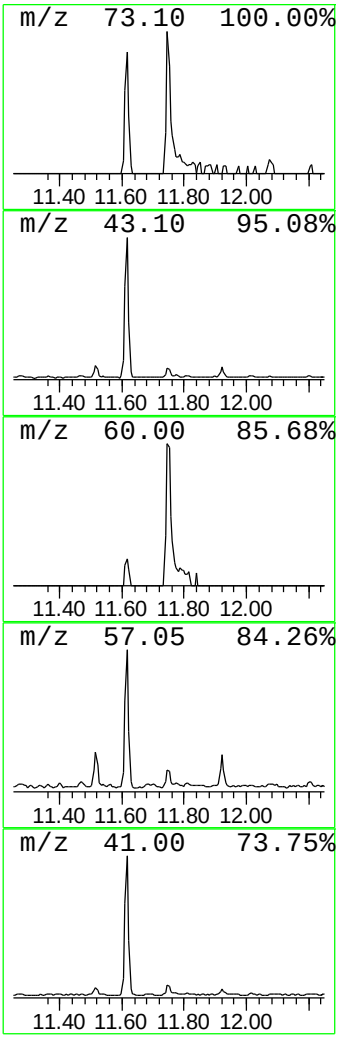
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.35 ng	94715	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	78
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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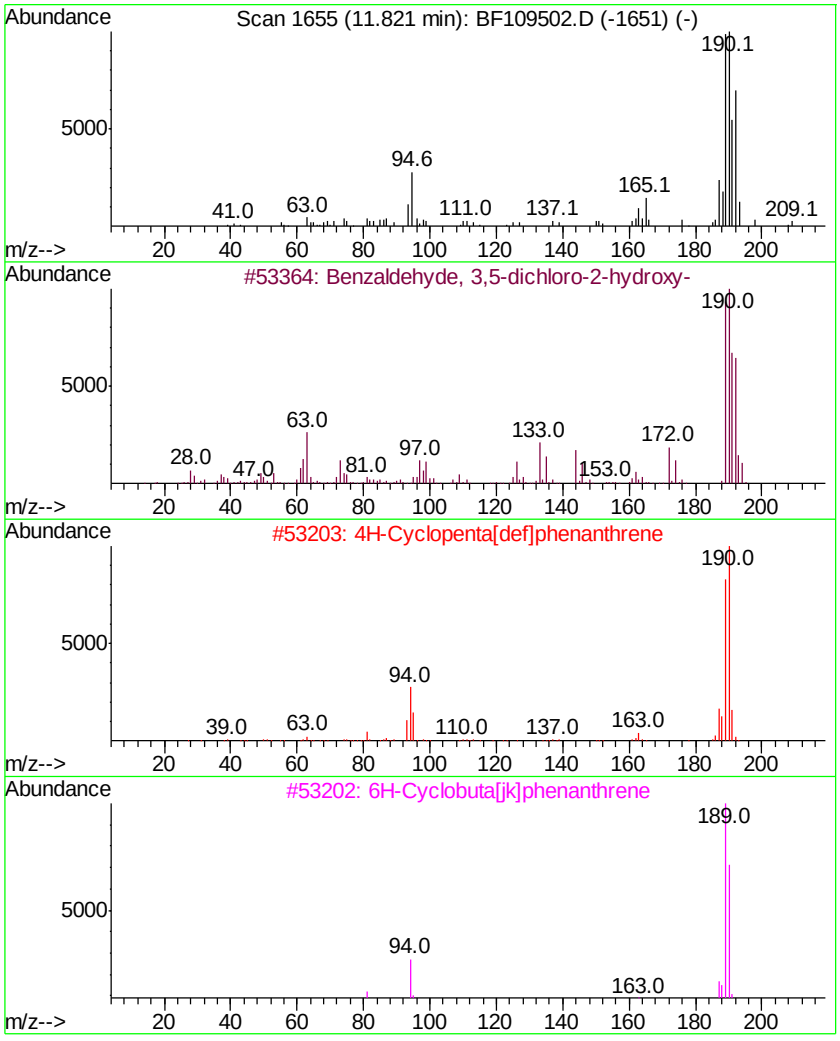
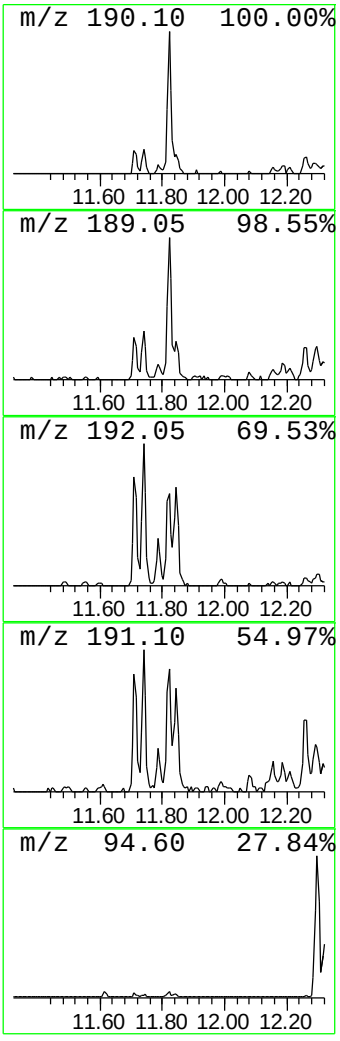
****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.10 ng	84711	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Instrument : BNA_F
ClientSampleId : OR-02-100118-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

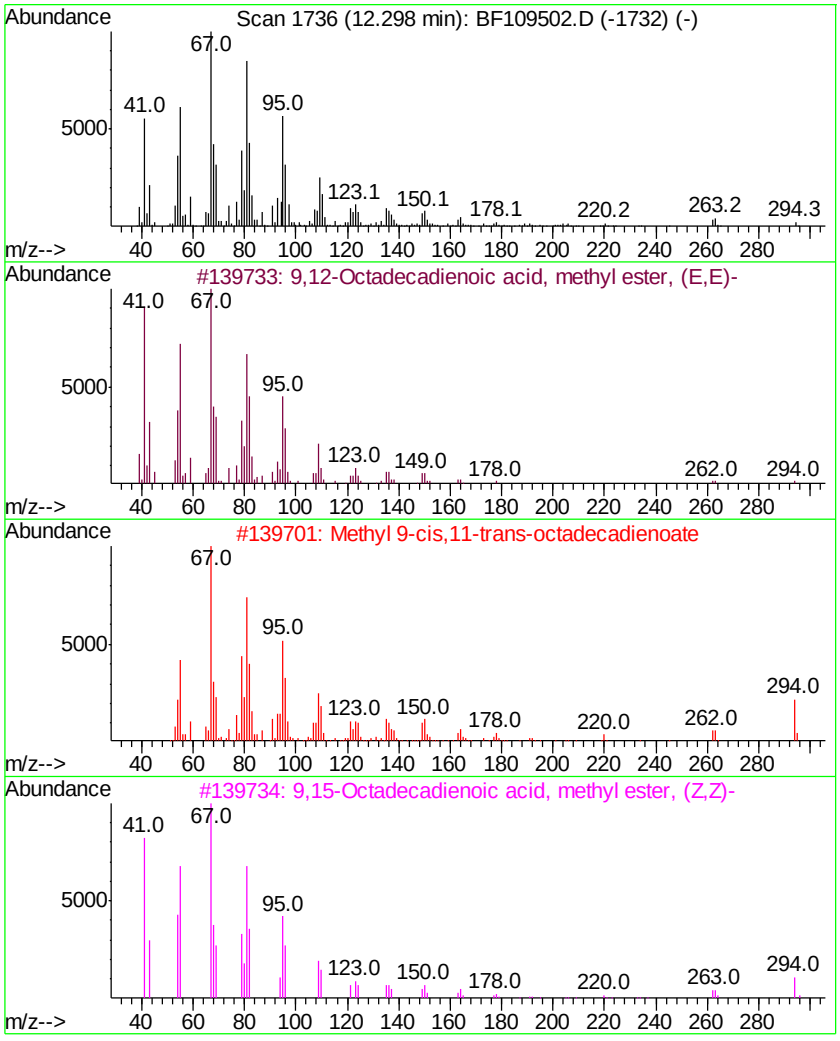
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

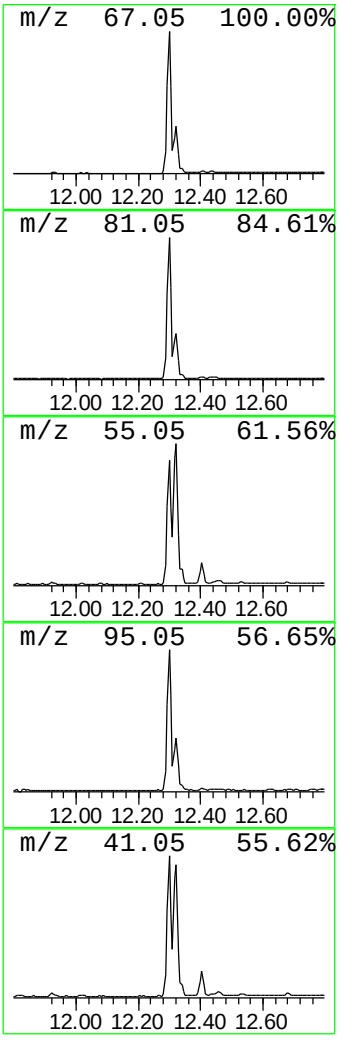
****

Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	46.21 ng	1861120	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98





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Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-100118-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

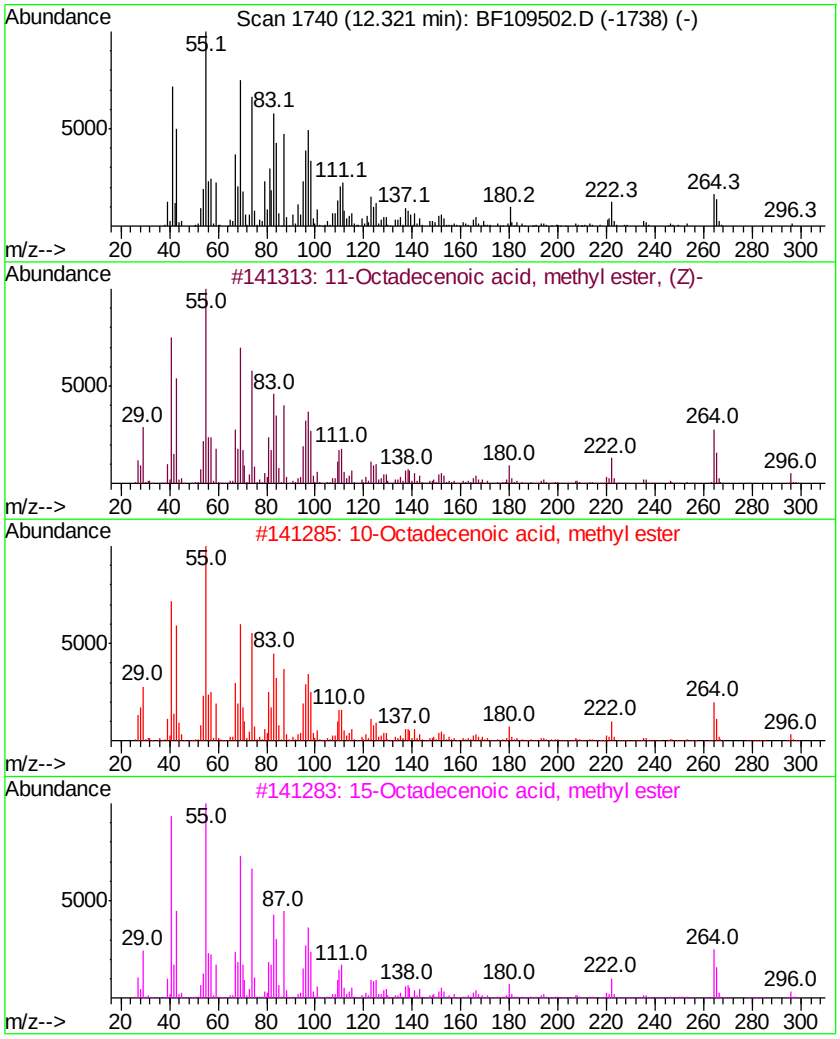
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

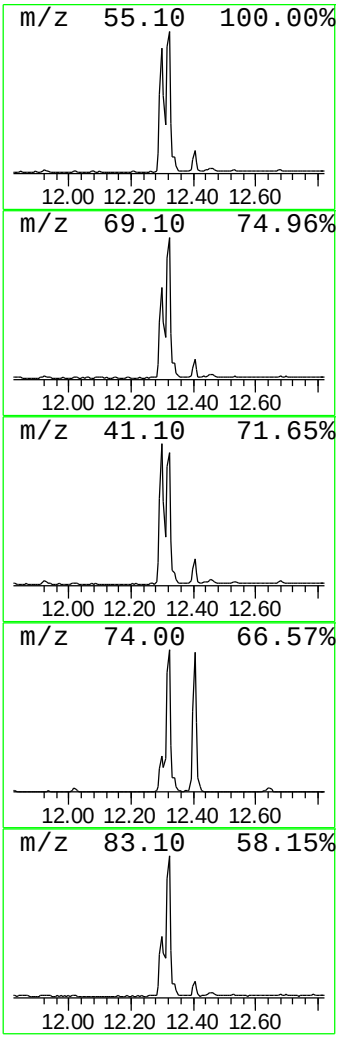
****

Peak Number 7 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	38.42 ng	1547380	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99





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Acq On : 2 Oct 2018 15:37
Operator : JU/SJ
Sample : J5200-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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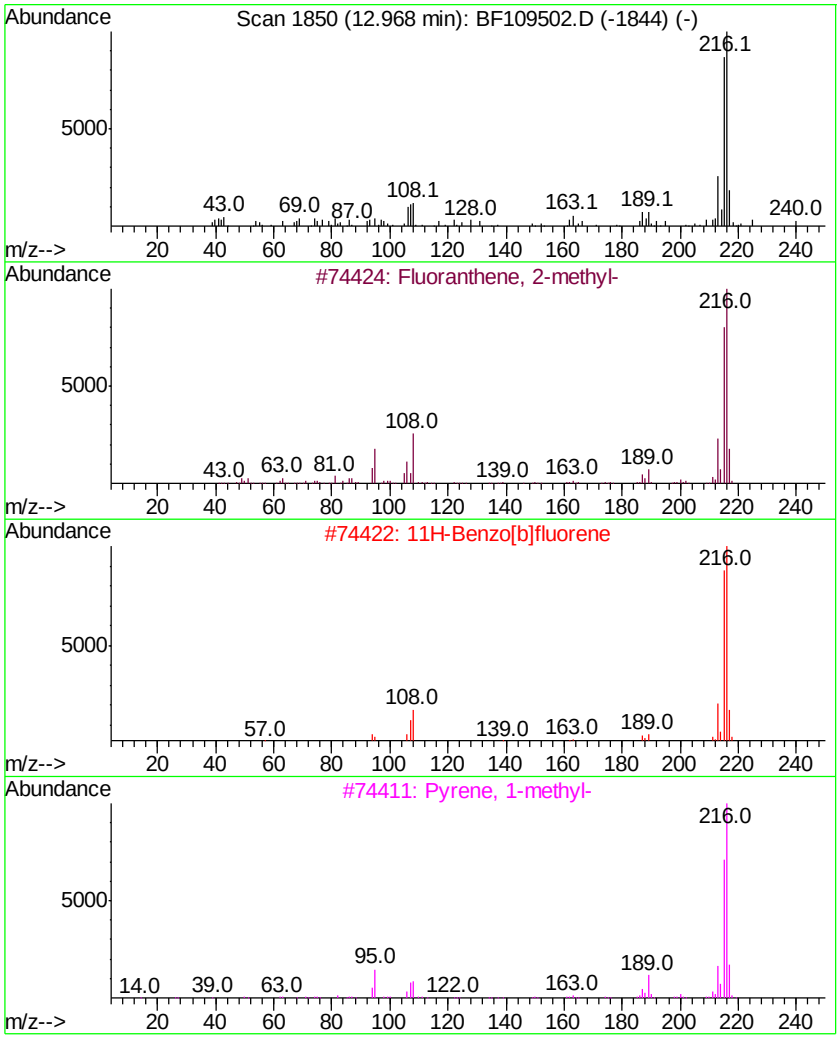
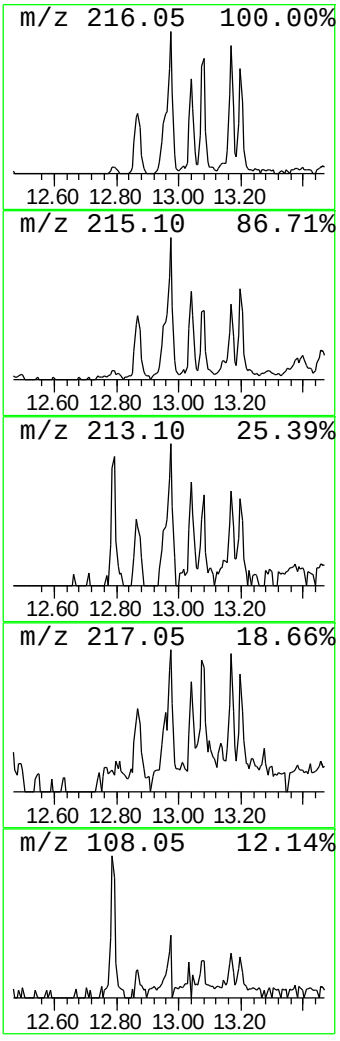
Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.19 ng	96294	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





Library Search Compound Report

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Operator : JU/SJ
Sample : J5200-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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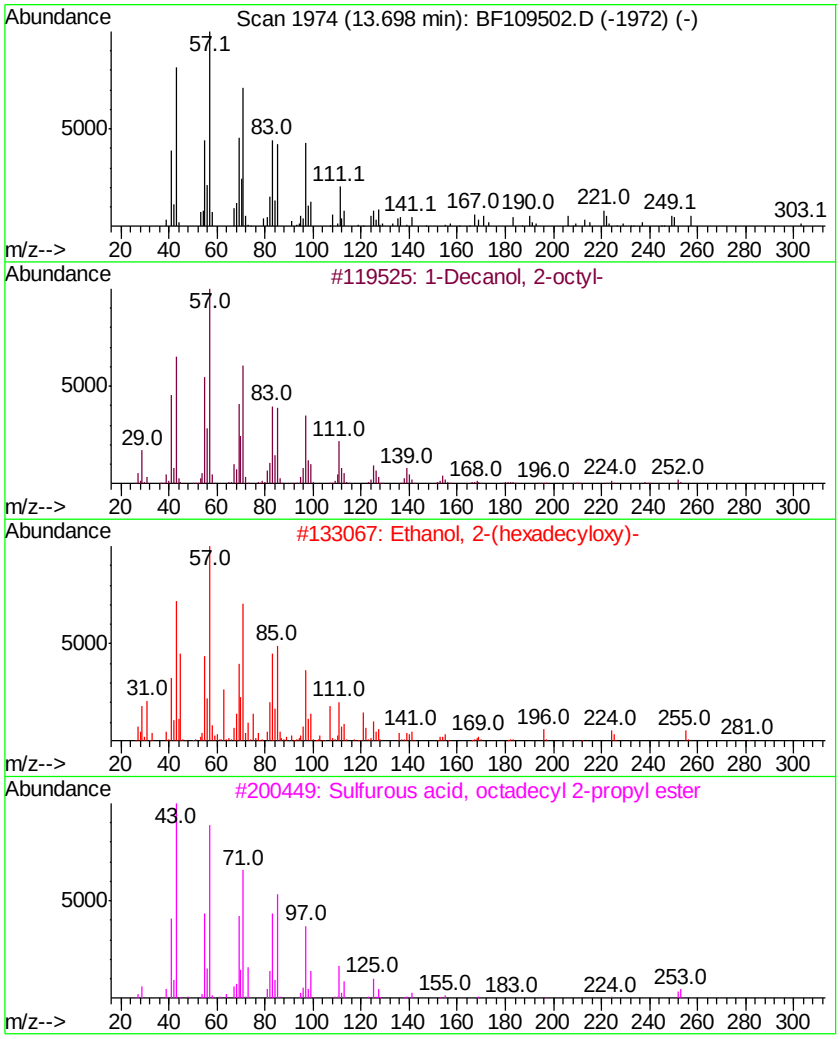
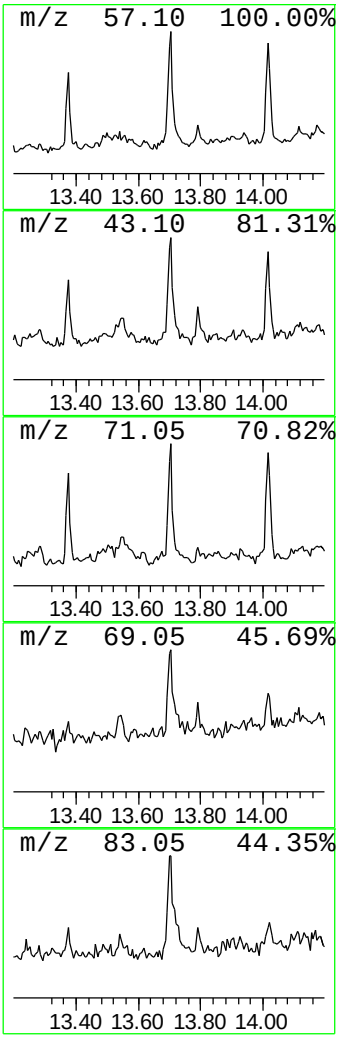
Peak Number 9 1-Decanol, 2-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.20 ng	96687	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	72
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	72
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	70
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	58
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	52





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Operator : JU/SJ
Sample : J5200-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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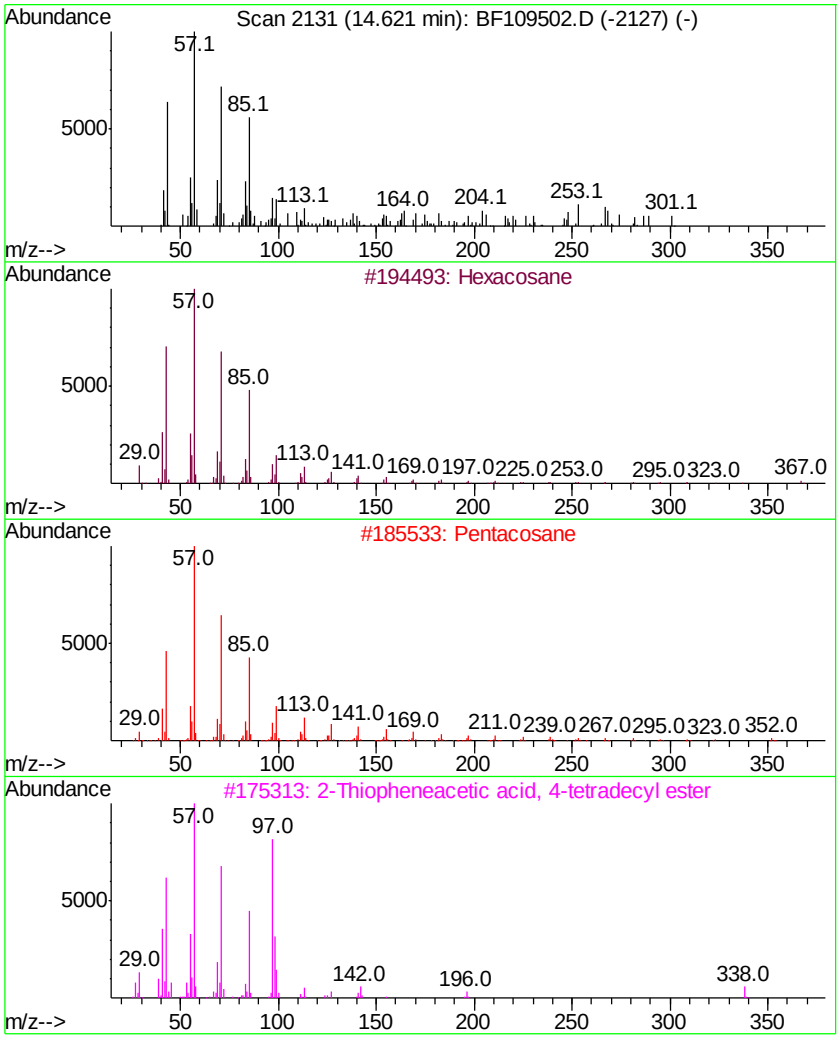
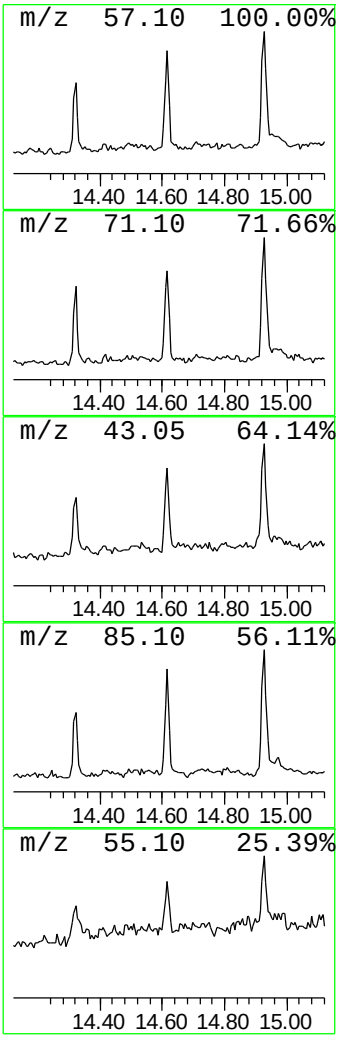
Peak Number 10 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.12 ng	68113	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	83
2	Pentacosane	352	C25H52	000629-99-2	80
3	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	58





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100118-B

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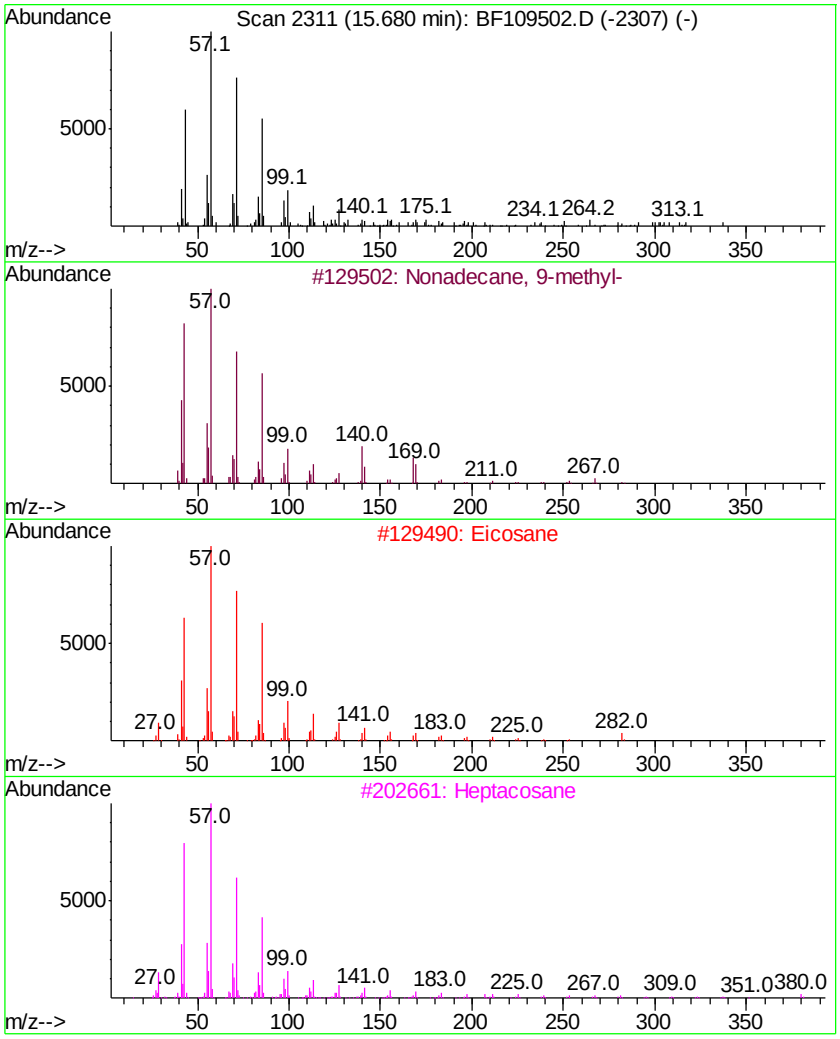
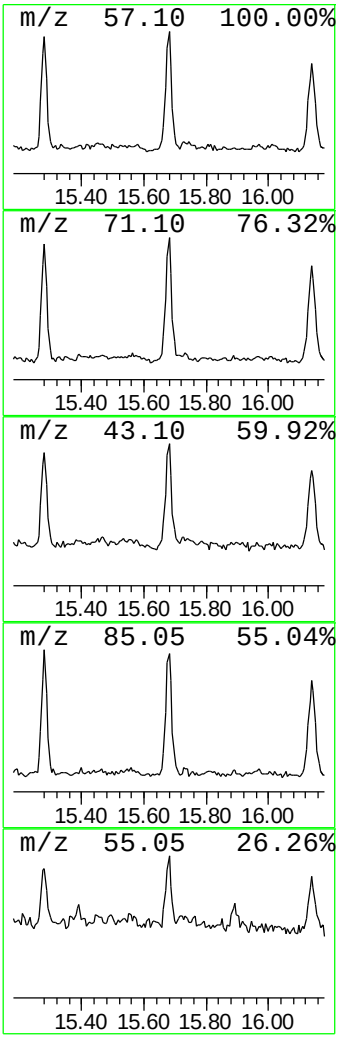
Peak Number 13 Nonadecane, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.96 ng	127091	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : J5200-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100118-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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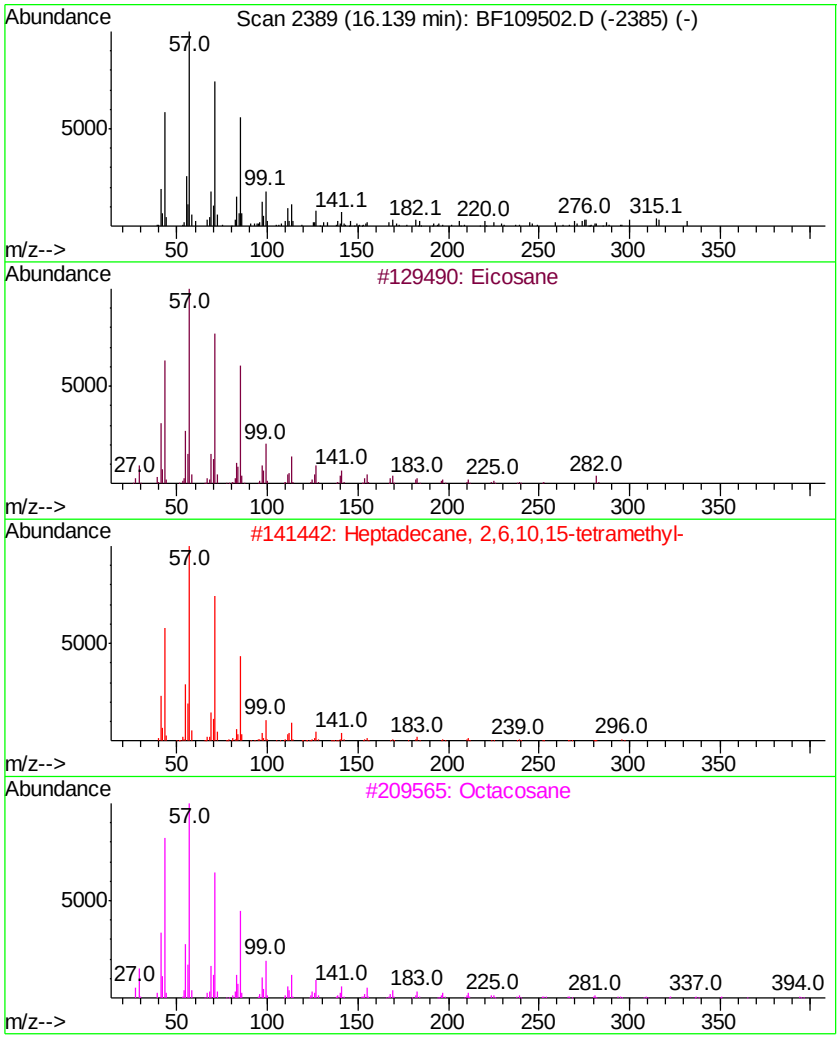
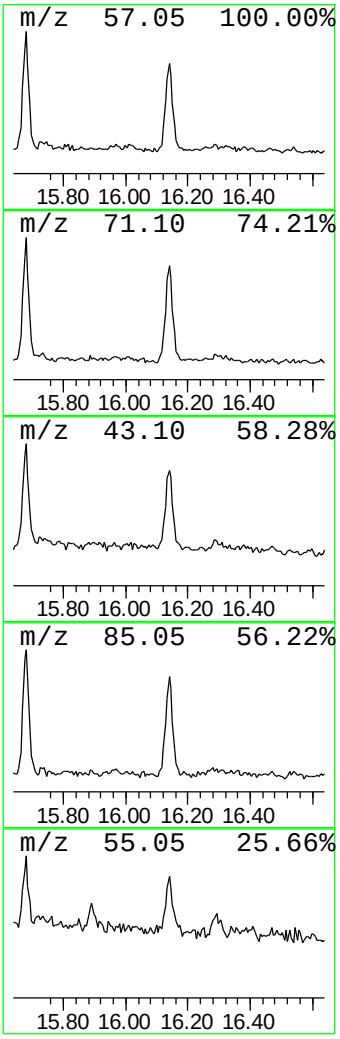
Peak Number 14 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	3.30 ng	105872	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Triacontane	422	C30H62	000638-68-6	87





Tentatively Identified Compound (LSC) summary

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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
unknown6.47	6.47	24.2	ng	757193	1	6.70	624669	20.0
Hexadecanoic acid...	11.62	19.7	ng	792941	4	11.21	805545	20.0
Phenanthrene, 1-m...	11.75	2.4	ng	94715	4	11.21	805545	20.0
Benzaldehyde, 3,5...	11.82	2.1	ng	84711	4	11.21	805545	20.0
9,12-Octadecadien...	12.30	46.2	ng	1861120	4	11.21	805545	20.0
11-Octadecenoic a...	12.32	38.4	ng	1547380	4	11.21	805545	20.0
Fluoranthene, 2-m...	12.97	2.2	ng	96294	5	13.84	879783	20.0
1-Decanol, 2-octyl-	13.70	2.2	ng	96687	5	13.84	879783	20.0
Hexacosane	14.62	2.1	ng	68113	6	15.24	641886	20.0
Nonadecane, 9-met...	15.68	4.0	ng	127091	6	15.24	641886	20.0
Eicosane	16.14	3.3	ng	105872	6	15.24	641886	20.0