LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111700.D
Acq On : 21 Dec 2018 21:09
Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-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-BF121918.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	2.187	13	17	22	rVB	60403	77890	1.77%	0.218%
2	5.116	511	515	523	rVB	107424	115106	2.62%	0.322%
3	5.528	581	585	589	rBV	1920899	1806693	41.07%	5.061%
4	6.534	752	756	761	rBV	2059730	2017878	45.87%	5.652%
5	6.675	776	780	783	rBV	2219399	1914503	43.52%	5.362%
6	6.739	787	791	794	rBV2	34039	44768	1.02%	0.125%
7	6.898	815	818	822	rBV	1120487	1015447	23.08%	2.844%
8	7.057	841	845	849	rBV	1856771	1485276	33.76%	4.160%
9	7.457	906	913	916	rBV	1468792	1203347	27.36%	3.371%
10	7.498	916	920	925	rVB	83034	80484	1.83%	0.225%
11	8.181	1031	1036	1039	rBV	1321570	1319849	30.00%	3.697%
12	8.251	1043	1048	1050	rVB	52861	68418	1.56%	0.192%
13	8.569	1099	1102	1105	rBV3	39570	44822	1.02%	0.126%
14	8.692	1119	1123	1126	rBV2	60716	66138	1.50%	0.185%
15	8.775	1134	1137	1142	rBV	141463	139366	3.17%	0.390%
16	9.010	1172	1177	1179	rBV2	41092	57383	1.30%	0.161%
17	9.145	1195	1200	1203	rVB3	34506	46462	1.06%	0.130%
18	9.210	1208	1211	1215	rVB3	56634	55543	1.26%	0.156%
19	9.257	1215	1219	1222	rBV	2495059	1887904	42.92%	5.288%
20	9.345	1229	1234	1239	rBV2	176476	198588	4.51%	0.556%
21	9.516	1261	1263	1268	rVB5	37319	44185	1.00%	0.124%
22	9.645	1283	1285	1290	rBV	277865	286772	6.52%	0.803%
23	9.875	1317	1324	1328	rBV	161677	164164	3.73%	0.460%
24	9.939	1331	1335	1338	rVB	1415644	1167969	26.55%	3.271%
25	10.139	1366	1369	1372	rVB3	48506	50026	1.14%	0.140%
26	10.192	1374	1378	1382	rVB5	32193	45462	1.03%	0.127%
27	10.369	1406	1408	1411	rVB	163477	141844	3.22%	0.397%
28	10.486	1425	1428	1430	rBV	69270	65070	1.48%	0.182%
29	10.592	1441	1446	1452	rBV	62446	90836	2.06%	0.254%
30	10.727	1464	1469	1472	rBV	1262520	1154632	26.25%	3.234%
31	10.845	1486	1489	1496	rBV	177632	198960	4.52%	0.557%
32	11.292	1562	1565	1568	rBV	144699	119802	2.72%	0.336%
33	11.322	1568	1570	1576	rVB	99853	106655	2.42%	0.299%
34	11.422	1584	1587	1590	rBV	1173740	1134754	25.80%	3.178%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.445	1590	1591	1594	rVV	598938	441945	10.05%	1.238%
36	11.498	1598	1600	1603	rVB	98349	84697	1.93%	0.237%
37	11.651	1621	1626	1629	rBV2	81424	99677	2.27%	0.279%
38	11.722	1635	1638	1640	rBV	126128	112763	2.56%	0.316%
39	11.816	1651	1654	1657	rBV	1645143	1313793	29.87%	3.680%
40	11.927	1670	1673	1674	rBV	79244	63845	1.45%	0.179%
41	11.951	1674	1677	1680	rVB	254128	222757	5.06%	0.624%
42	12.039	1689	1692	1694	rBV2	141919	132098	3.00%	0.370%
43	12.127	1704	1707	1710	rVB	112294	88781	2.02%	0.249%
44	12.221	1720	1723	1724	rBV	84693	70999	1.61%	0.199%
45	12.239	1724	1726	1731	rVB2	89943	82433	1.87%	0.231%
46	12.404	1751	1754	1756	rBV2	41027	49849	1.13%	0.140%
47	12.474	1763	1766	1768	rBV2	67760	66598	1.51%	0.187%
48	12.510	1768	1772	1773	rBV	4426232	4398909	100.00%	12.321%
49	12.527	1773	1775	1778	rVB	3515015	2671931	60.74%	7.484%
50	12.610	1786	1789	1791	rBV	694852	518969	11.80%	1.454%
51	12.639	1791	1794	1796	rVV	981187	792775	18.02%	2.221%
52	12.686	1799	1802	1803	rBV3	52795	54242	1.23%	0.152%
53	12.792	1818	1820	1823	rVB2	54639	48671	1.11%	0.136%
54	12.845	1826	1829	1830	rBV	256622	223612	5.08%	0.626%
55	12.868	1830	1833	1835	rVB	808017	688210	15.65%	1.928%
56	13.004	1853	1856	1860	rVB	1638616	1493000	33.94%	4.182%
57	13.168	1881	1884	1886	rBV2	144610	143340	3.26%	0.401%
58	13.192	1886	1888	1894	rVV2	206707	296383	6.74%	0.830%
59	13.239	1894	1896	1897	rVV	94840	76890	1.75%	0.215%
60	13.257	1897	1899	1902	rVB2	149906	139234	3.17%	0.390%
61	13.898	2006	2008	2014	rVB3	212012	259366	5.90%	0.726%
62	14.063	2031	2036	2038	rBV2	1055614	1223230	27.81%	3.426%
63	14.086	2038	2040	2043	rVB	361233	273498	6.22%	0.766%
64	14.539	2114	2117	2120	rVB2	213027	223873	5.09%	0.627%
65	15.110	2211	2214	2218	rBV	233121	369885	8.41%	1.036%
66	15.545	2285	2288	2292	rBV	474394	558492	12.70%	1.564%

Sum of corrected areas: 35701741

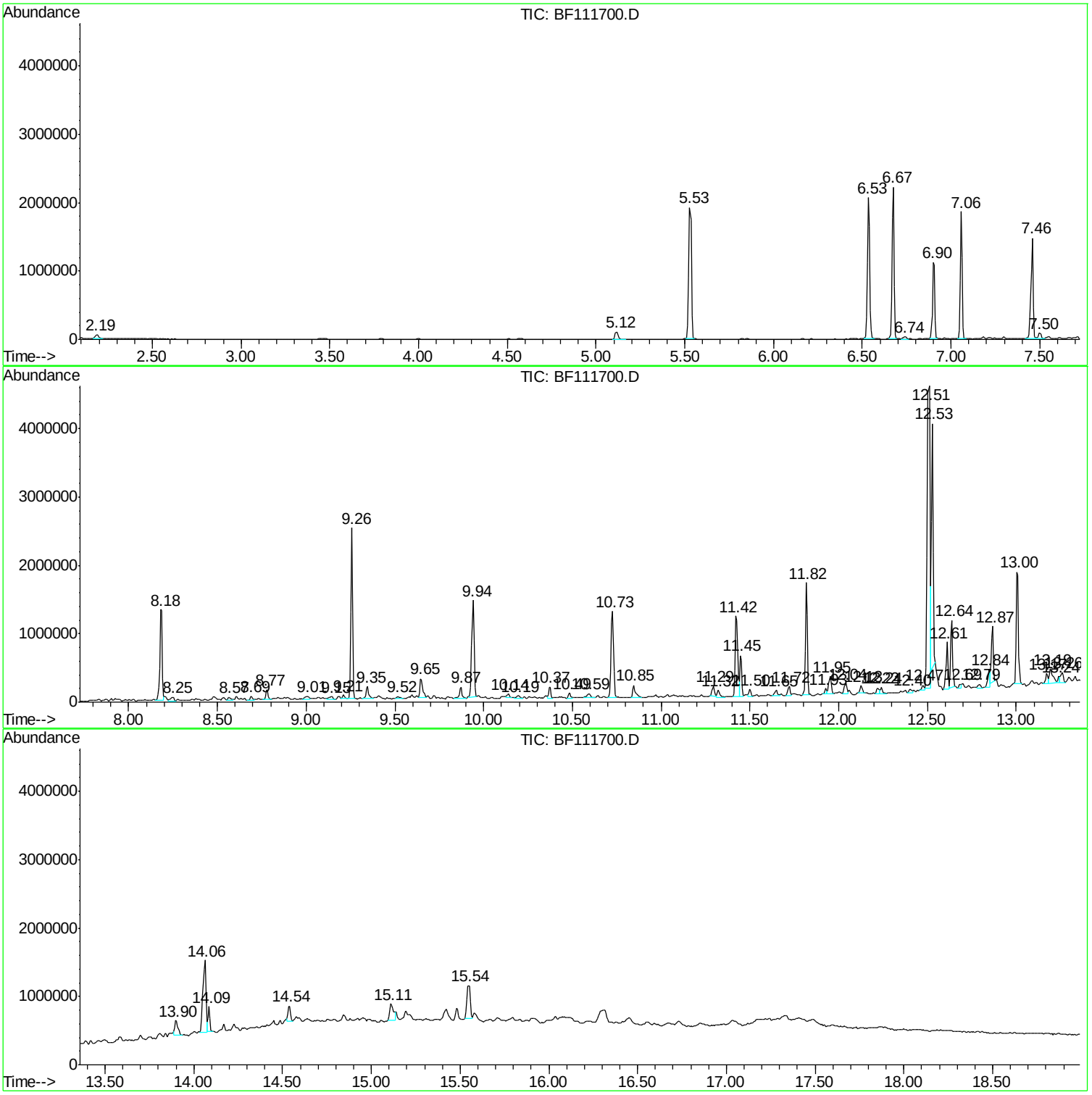
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111700.D
Acq On : 21 Dec 2018 21:09
Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF122118\
Data File : BF111700.D
Acq On : 21 Dec 2018 21:09
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

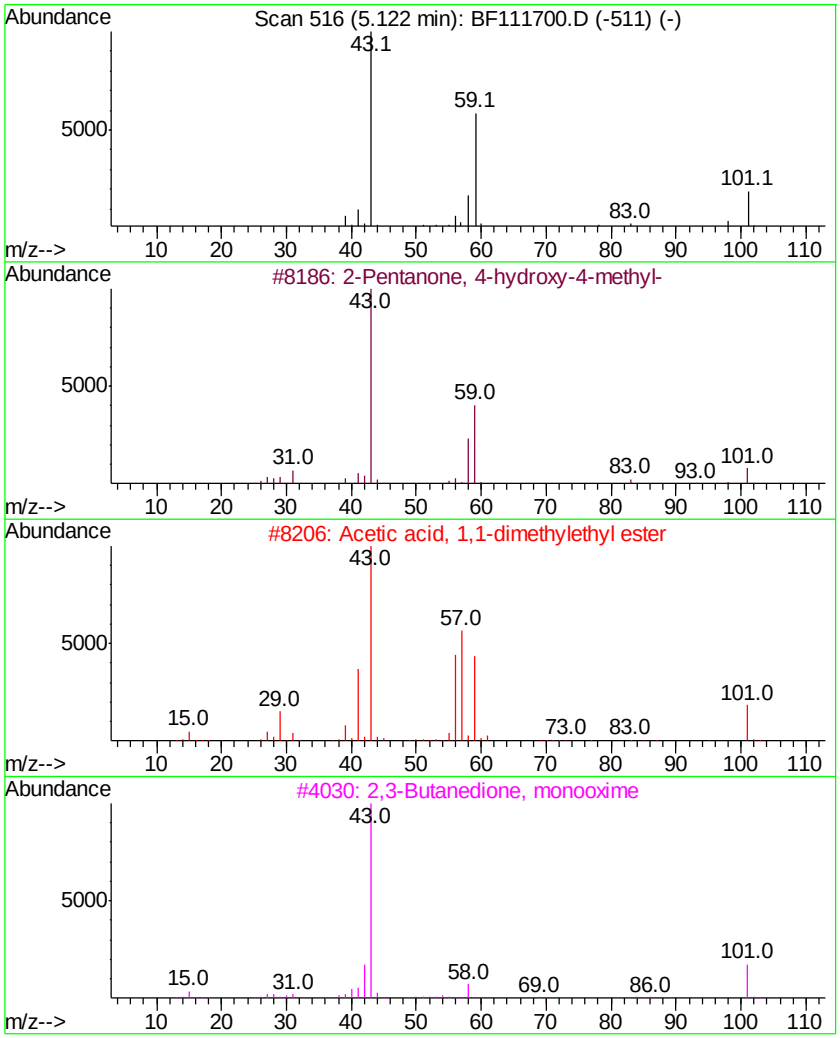
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

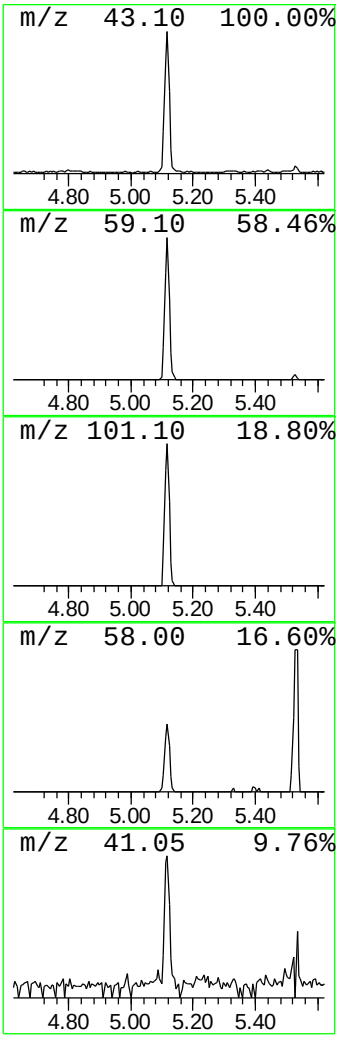
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.27 ng	115106	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111700.D
Acq On : 21 Dec 2018 21:09
Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

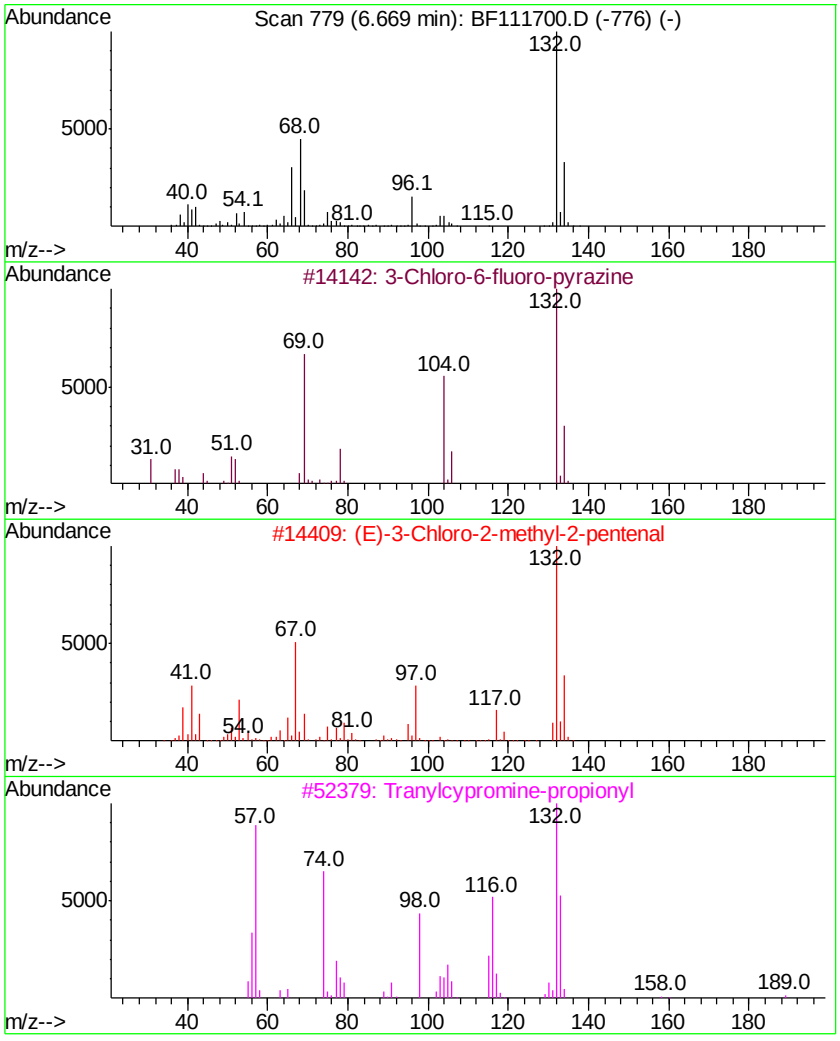
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

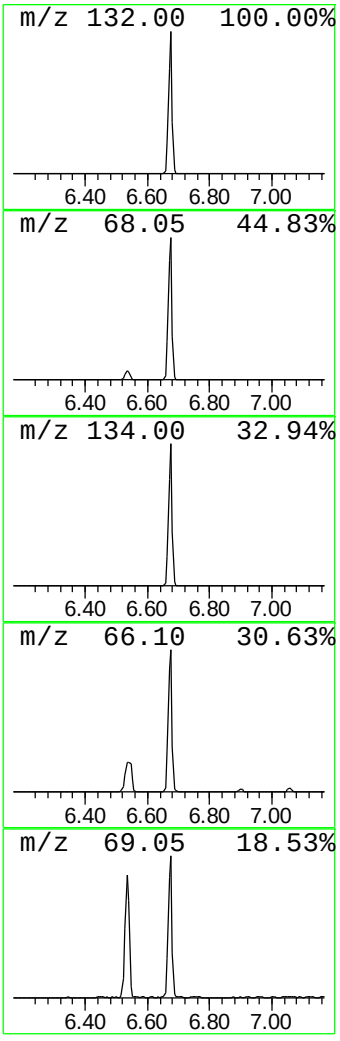
****

Peak Number 2 unknown6.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	37.71 ng	1914500	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Sample : J6191-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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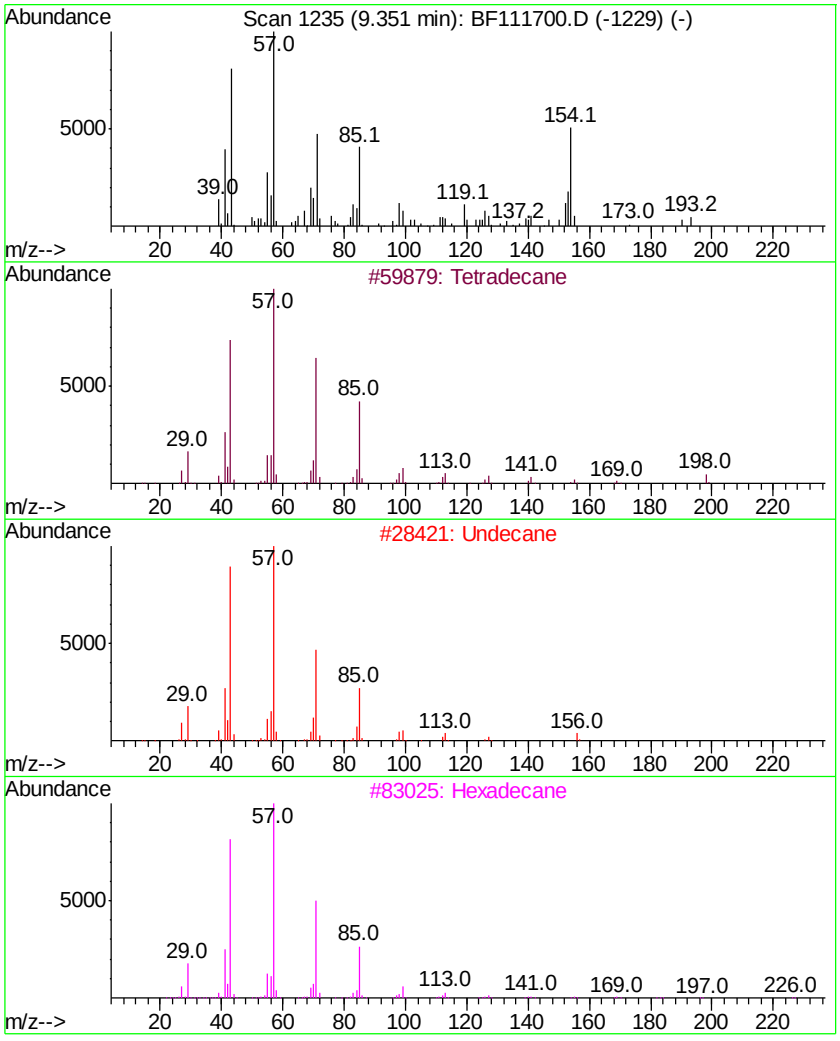
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

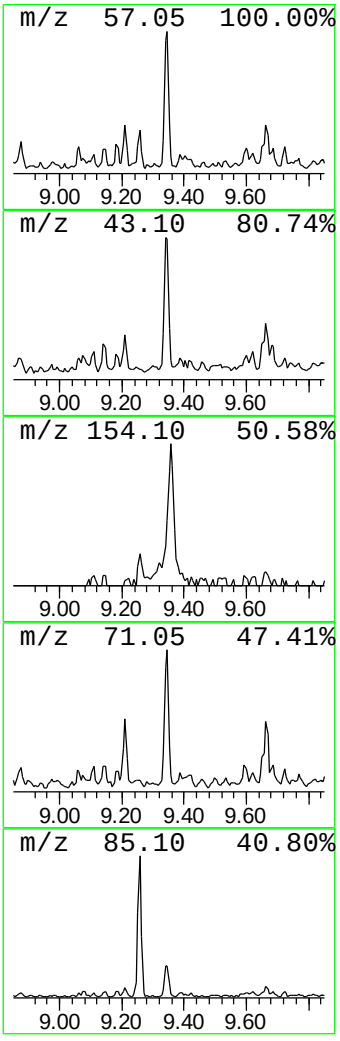
****

Peak Number 5 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	3.40 ng	198588	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Undecane	156	C11H24	001120-21-4	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111700.D
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Sample : J6191-03 2X
Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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TIC Library : C:\DATABASE\NIST11.L
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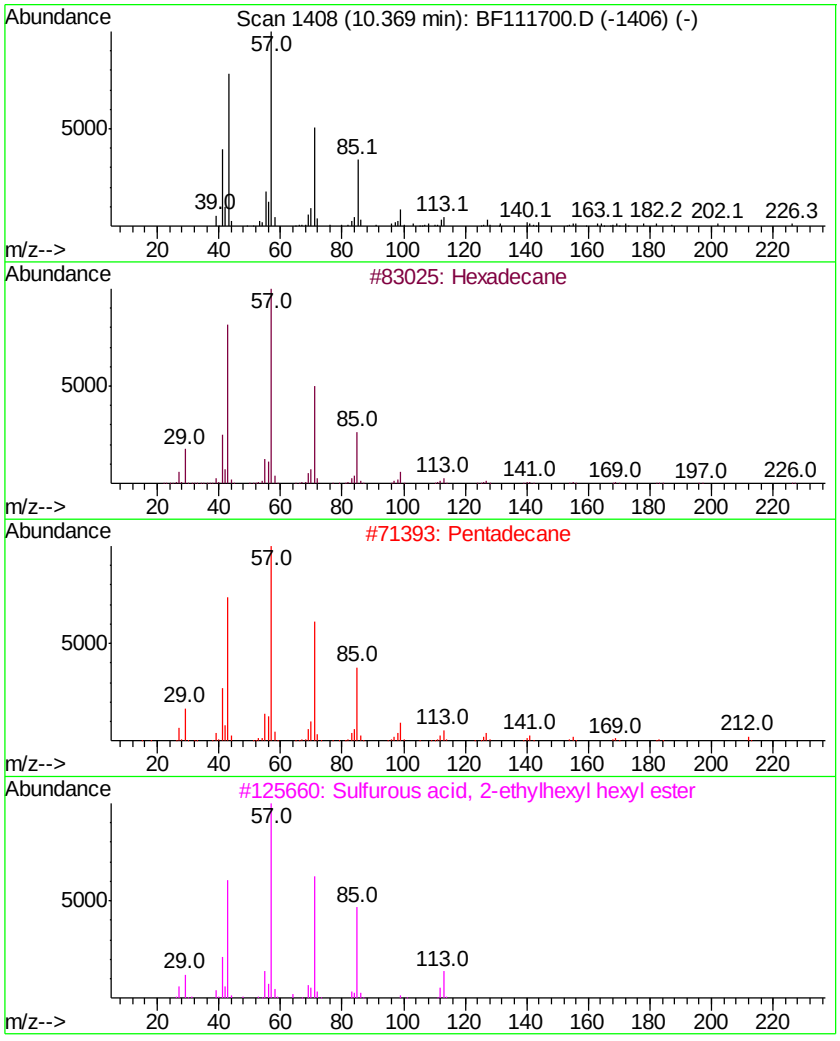
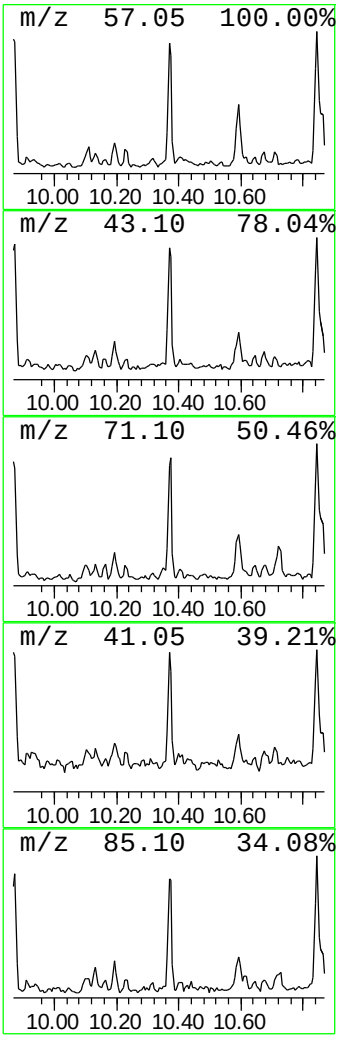
Peak Number 7 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.43 ng	141844	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane	212	C15H32	000629-62-9	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Tridecane	184	C13H28	000629-50-5	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111700.D
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Misc :
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Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

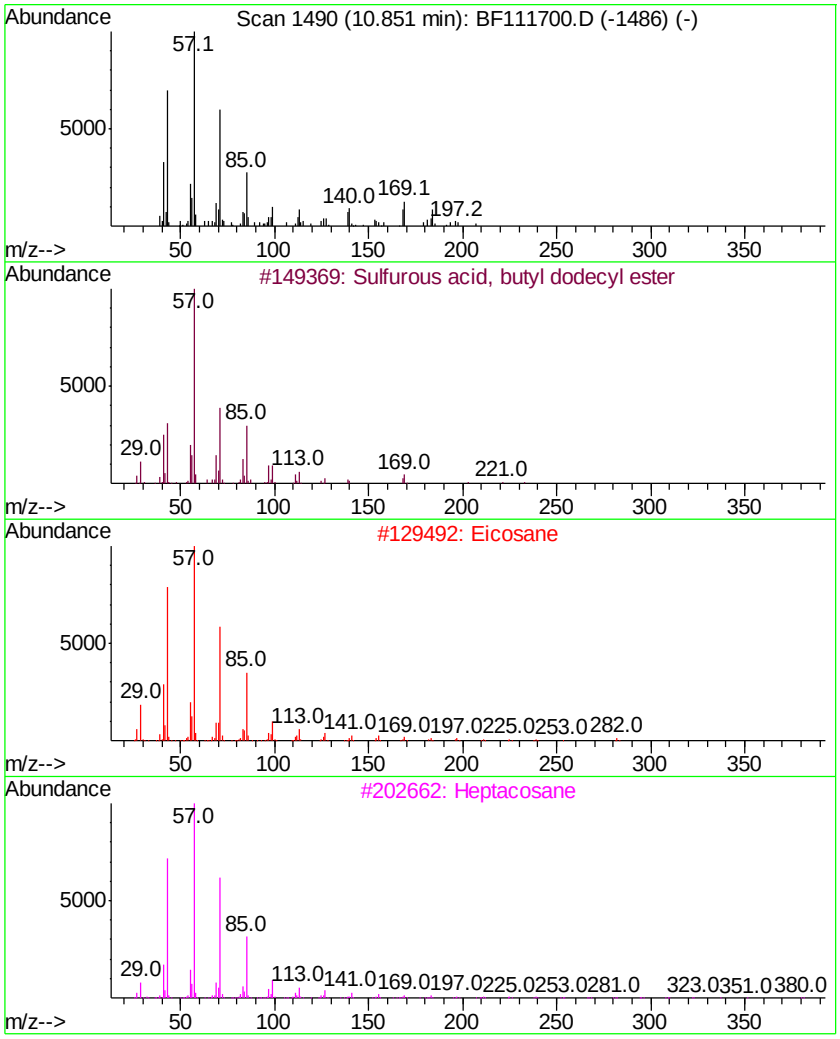
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

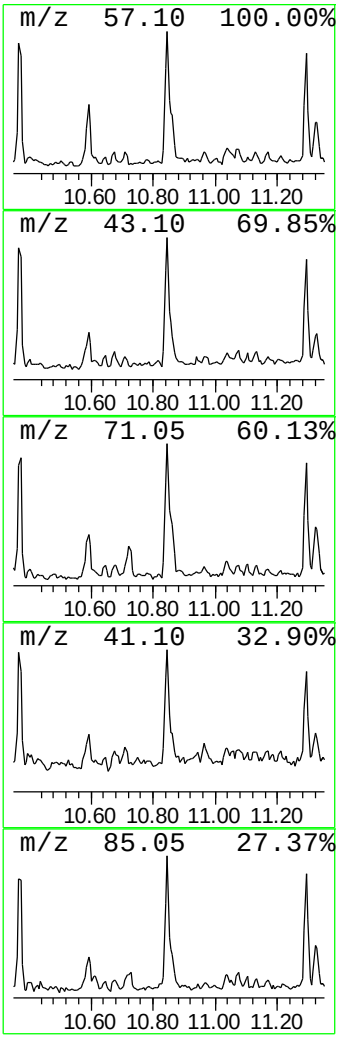
****

Peak Number 8 Sulfurous acid, butyl dodec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	3.51 ng	198960	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
2	Eicosane	282	C20H42	000112-95-8	80
3	Heptacosane	380	C27H56	000593-49-7	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





Library Search Compound Report

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Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

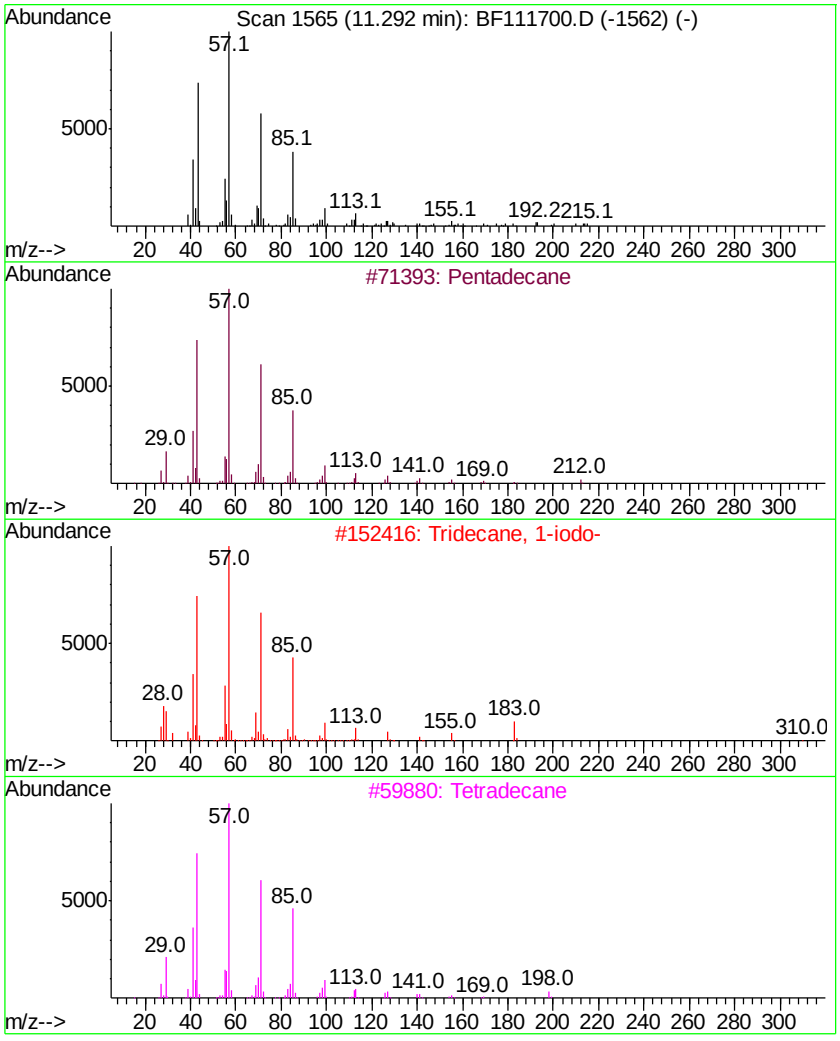
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

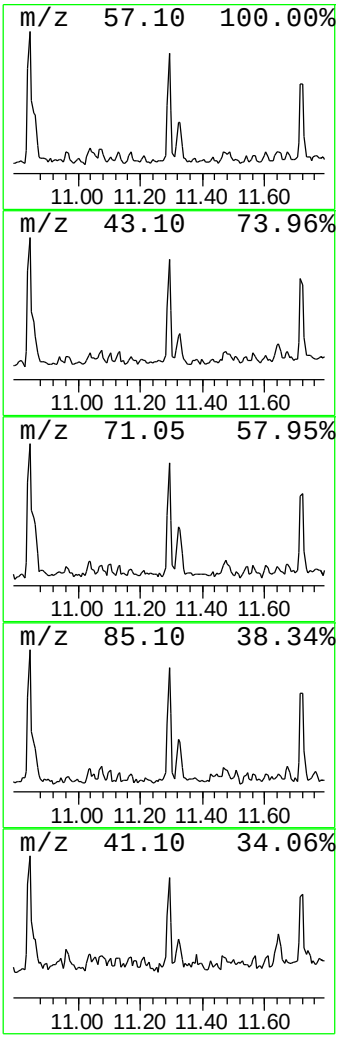
****

Peak Number 9 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.11 ng	119802	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Tetradecane	198	C14H30	000629-59-4	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111700.D
Acq On : 21 Dec 2018 21:09
Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

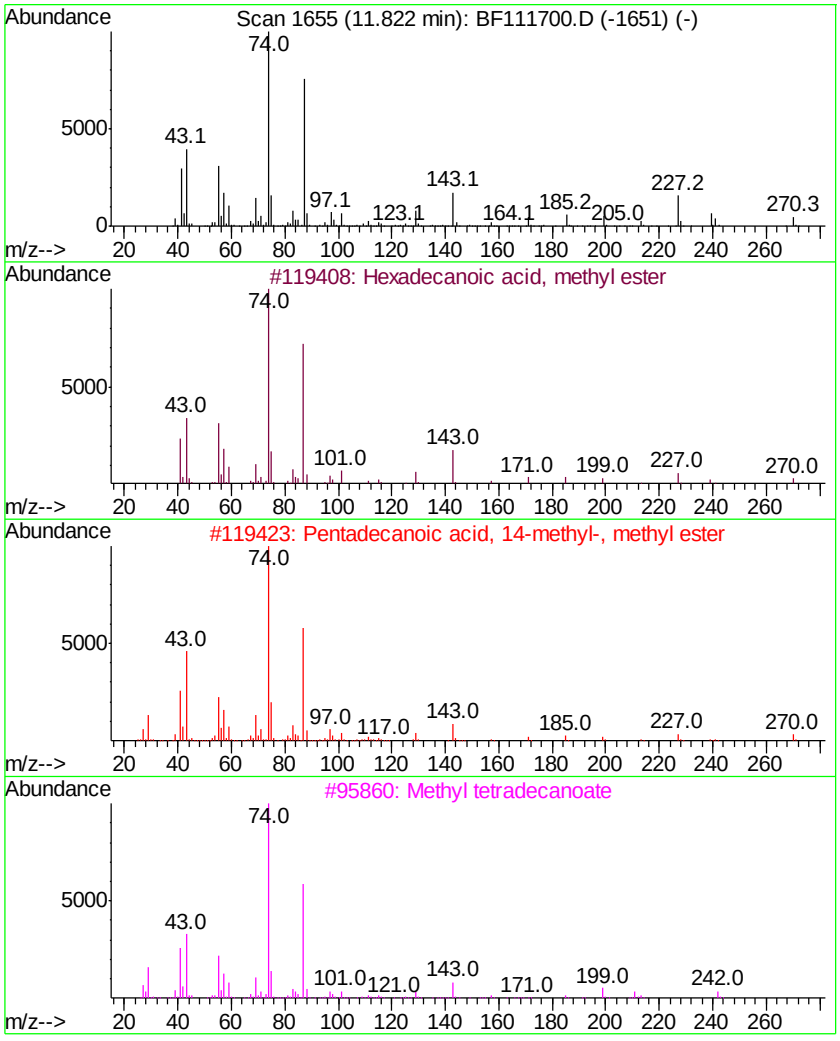
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

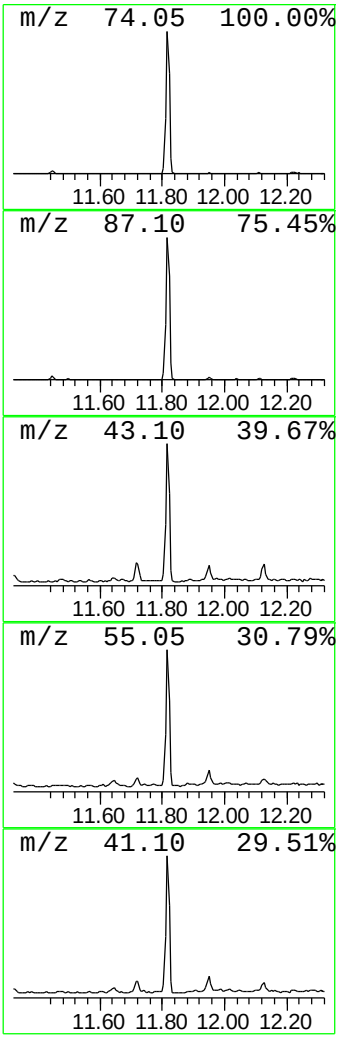
****

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	23.16 ng	1313790	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Data File : BF111700.D
Acq On : 21 Dec 2018 21:09
Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

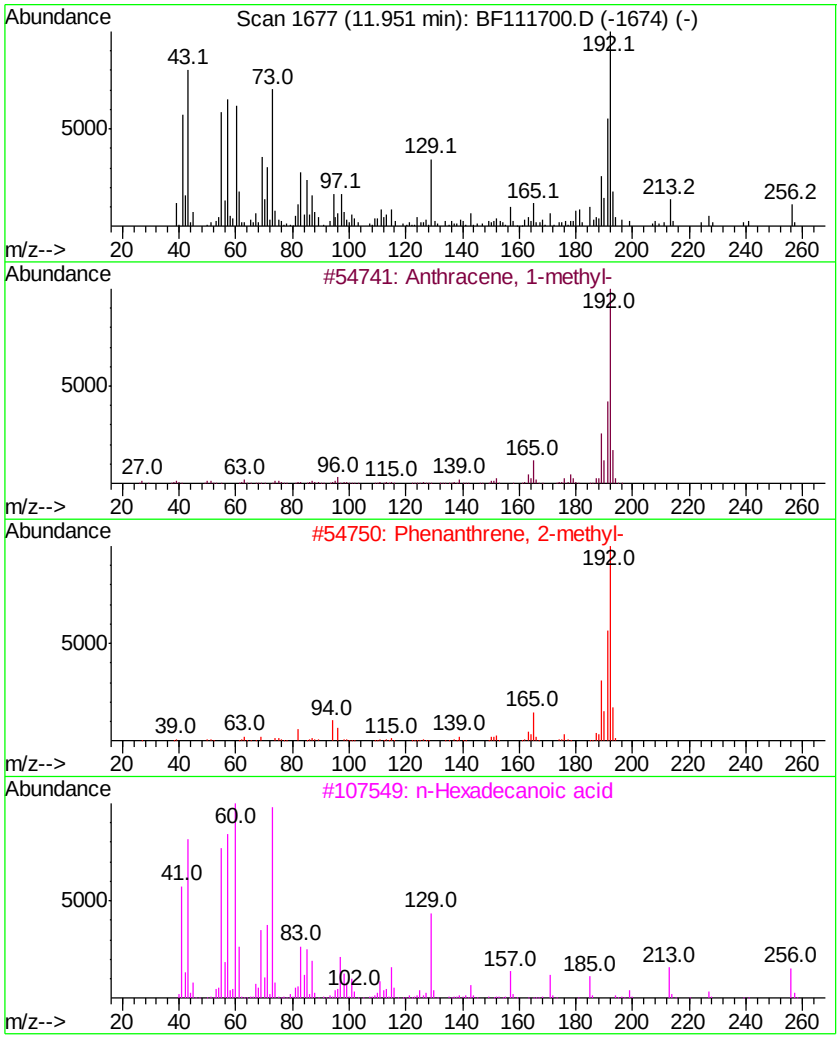
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

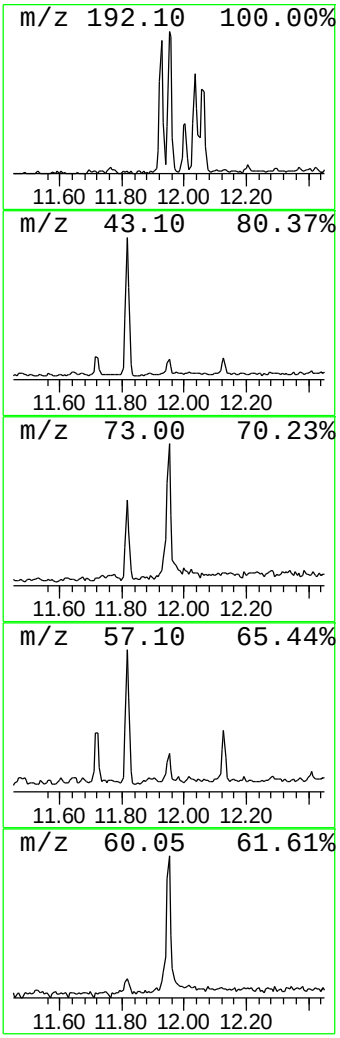
****

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.93 ng	222757	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





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Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

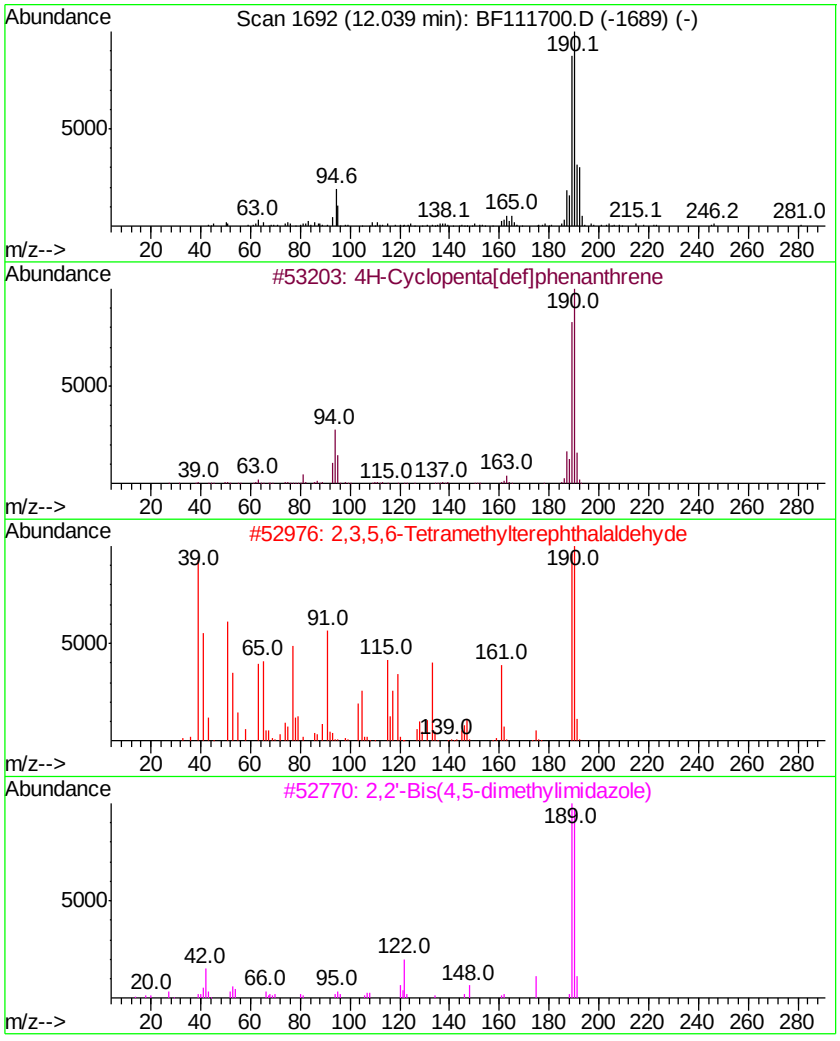
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

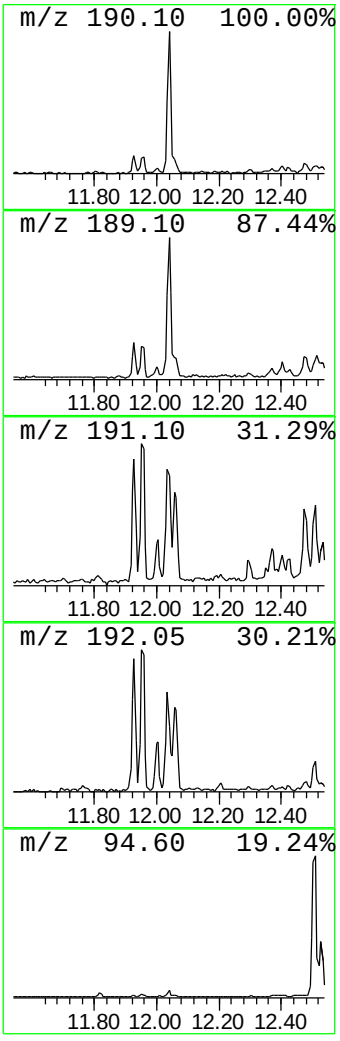
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.33 ng	132098	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	37
5	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	32





Library Search Compound Report

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Acq On : 21 Dec 2018 21:09
Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-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

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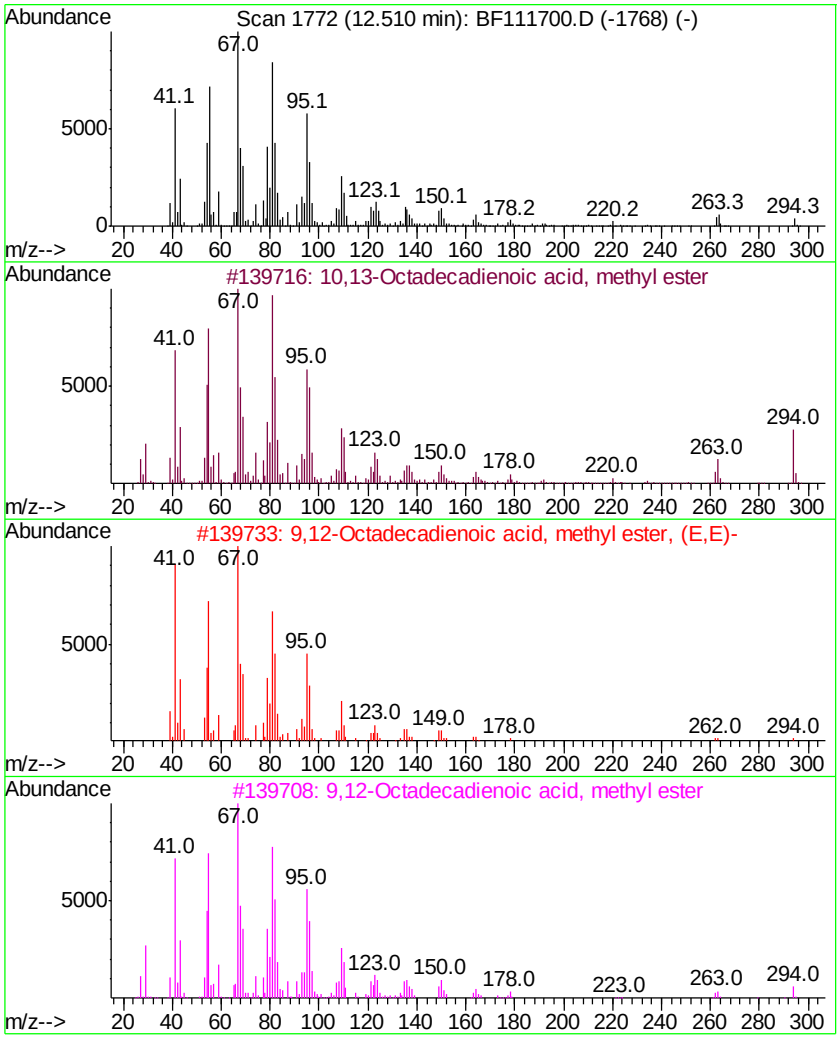
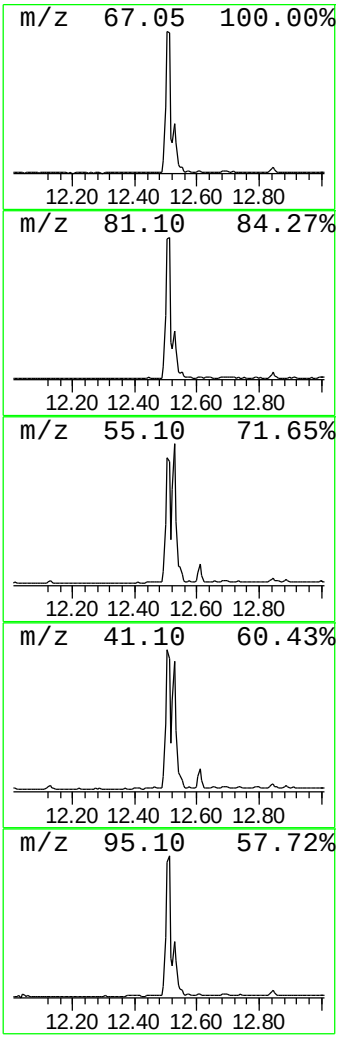
Peak Number 13 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	77.53 ng	4398910	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

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Acq On : 21 Dec 2018 21:09
Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

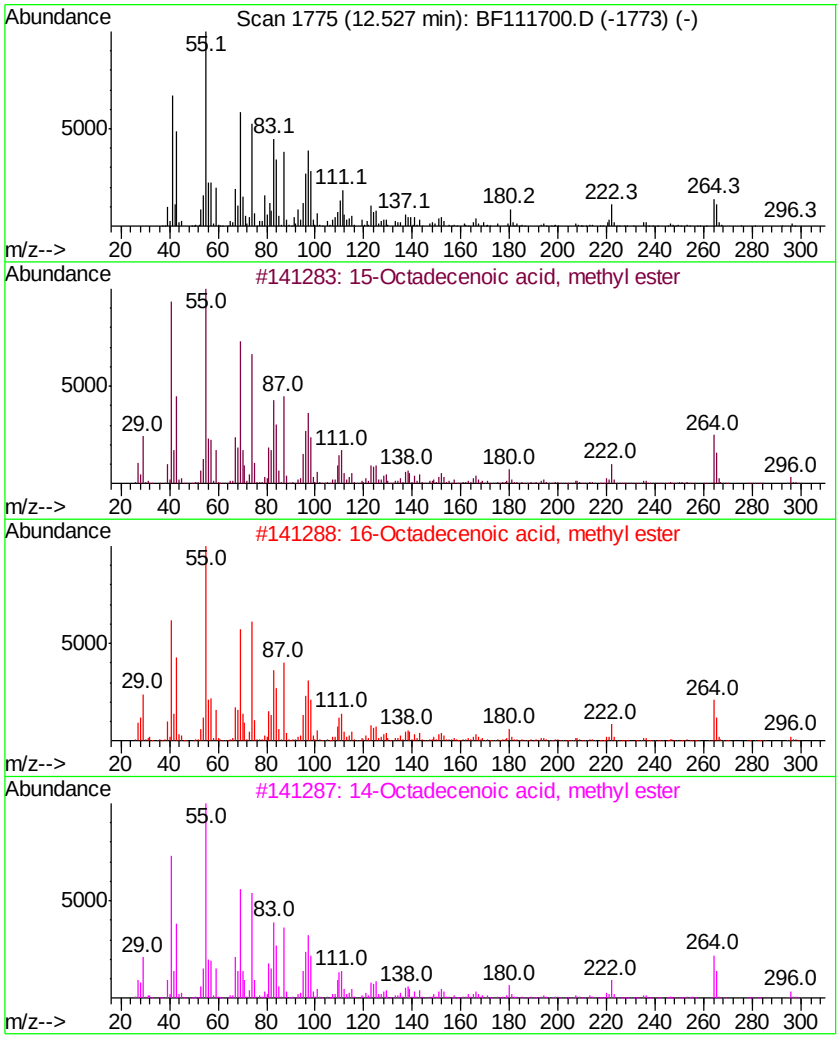
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

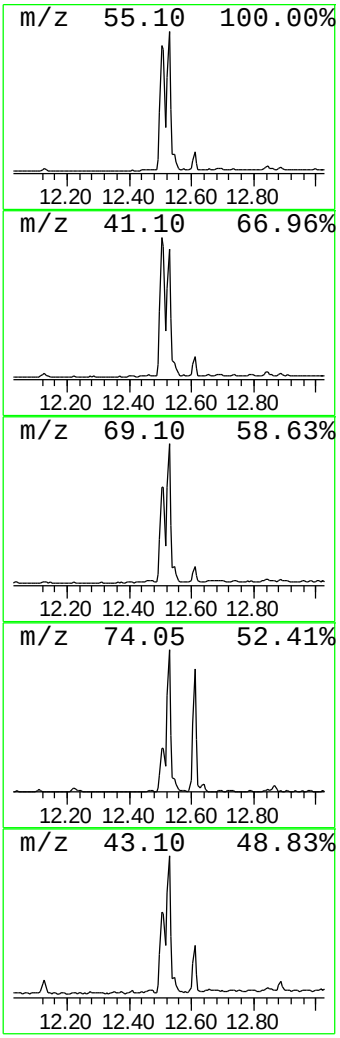
****

Peak Number 14 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	47.09 ng	2671930	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	97
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97





Library Search Compound Report

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Data File : BF111700.D
Acq On : 21 Dec 2018 21:09
Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

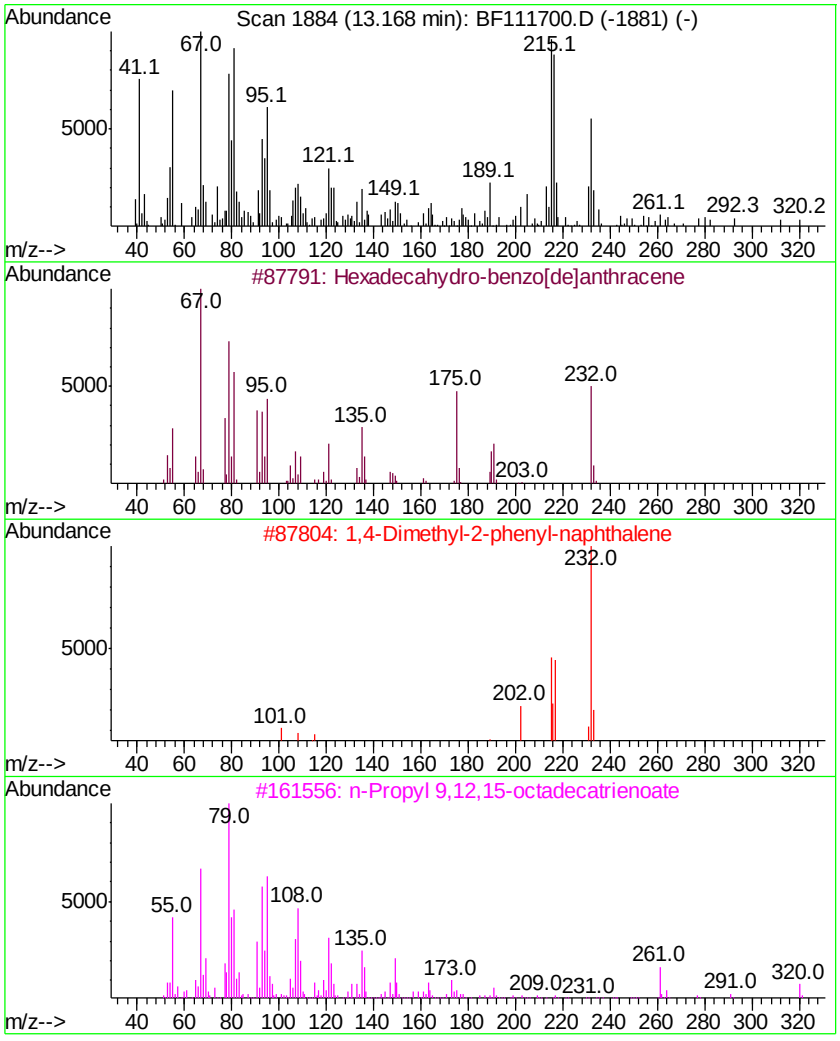
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

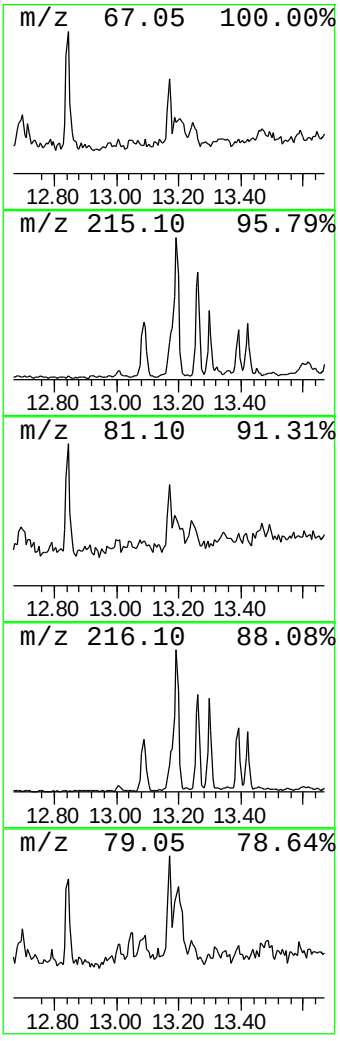
****

Peak Number 15 unknown13.17 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.34 ng	143340	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecahydro-benzo[delanthracene	232	C17H28	1000371-48-1	41
2	1,4-Dimethyl-2-phenyl-naphthalene	232	C18H16	051036-91-0	25
3	n-Propyl 9,12,15-octadecatrienoate	320	C21H36O2	1000336-79-4	25
4	Methyl 6,9,12-hexadecatrienoate	264	C17H28O2	1000336-34-6	22
5	4-Methyl-hexadecahydro-pyrene	232	C17H28	1000371-48-0	20





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Acq On : 21 Dec 2018 21:09
Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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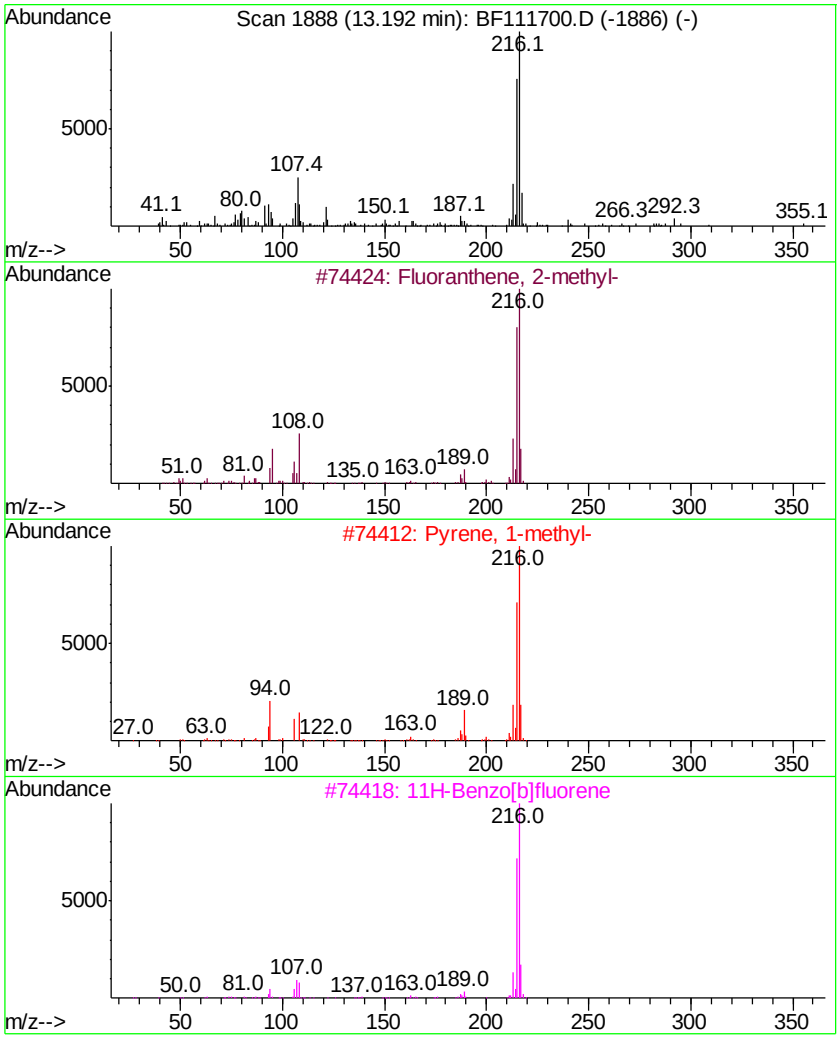
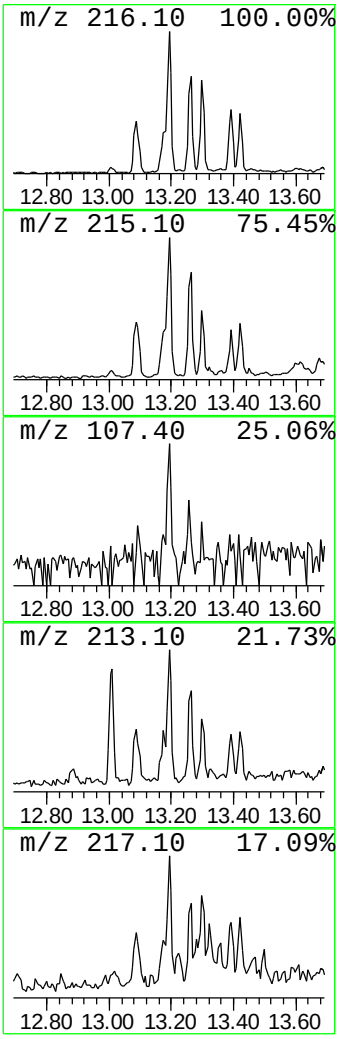
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	4.85 ng	296383	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





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Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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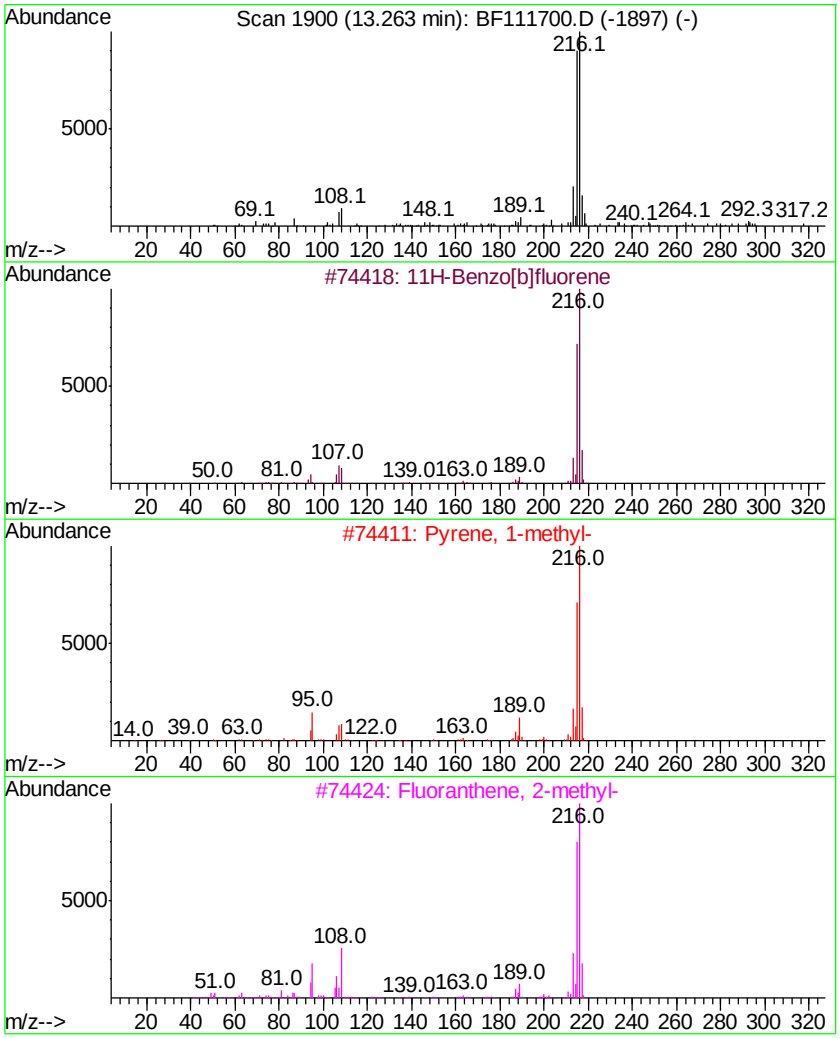
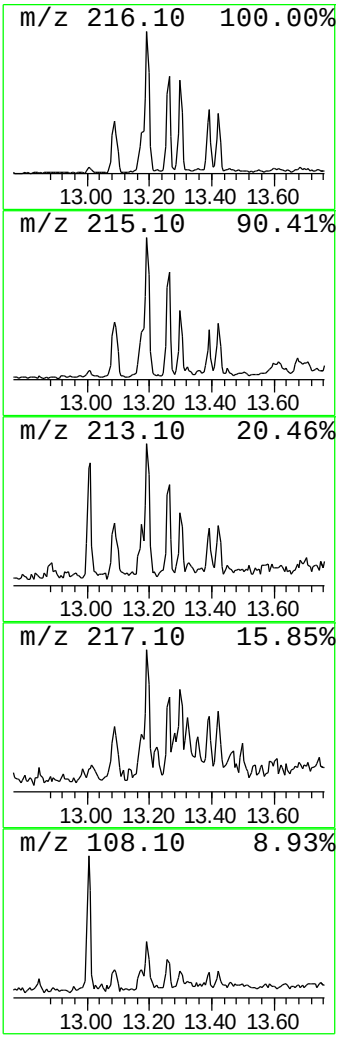
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.28 ng	139234	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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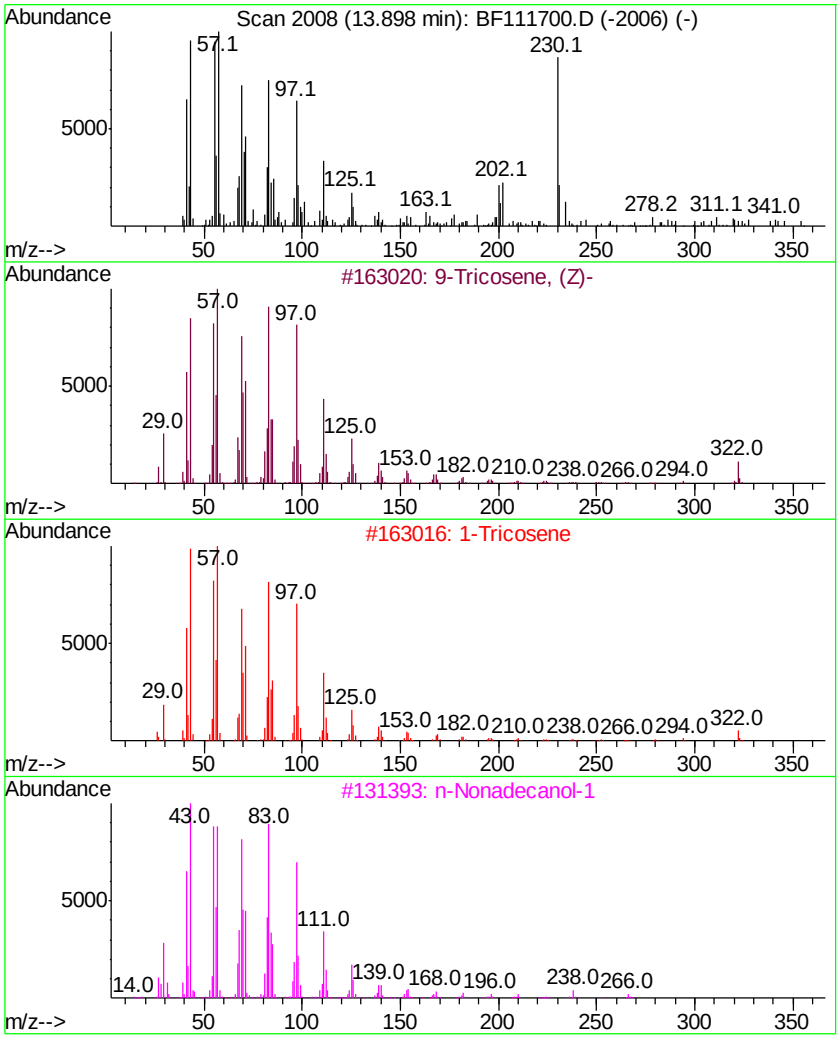
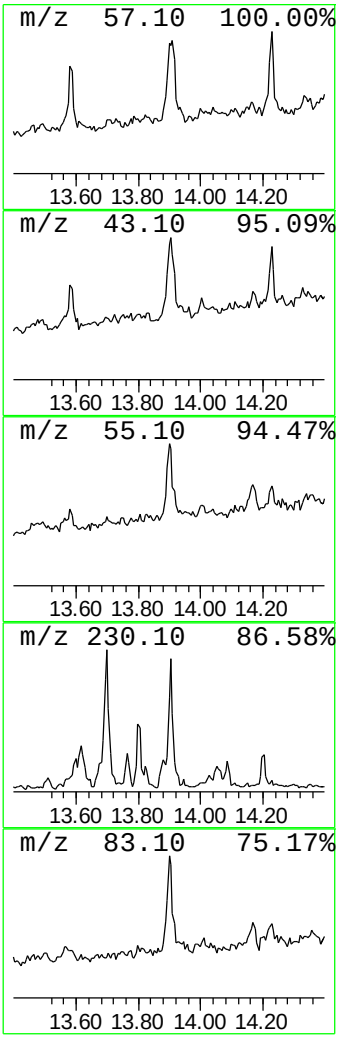
Peak Number 18 9-Tricosene, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.24 ng	259366	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
2	1-Tricosene	322	C23H46	018835-32-0	64
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	55
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	55
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	55





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Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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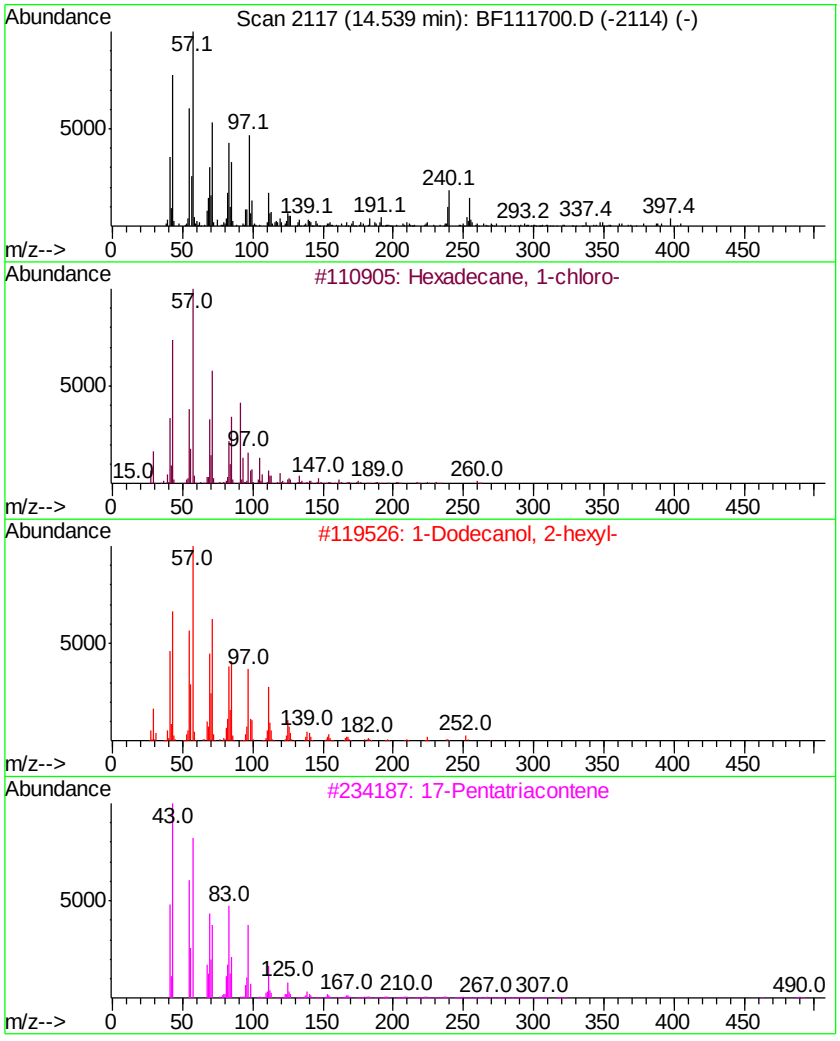
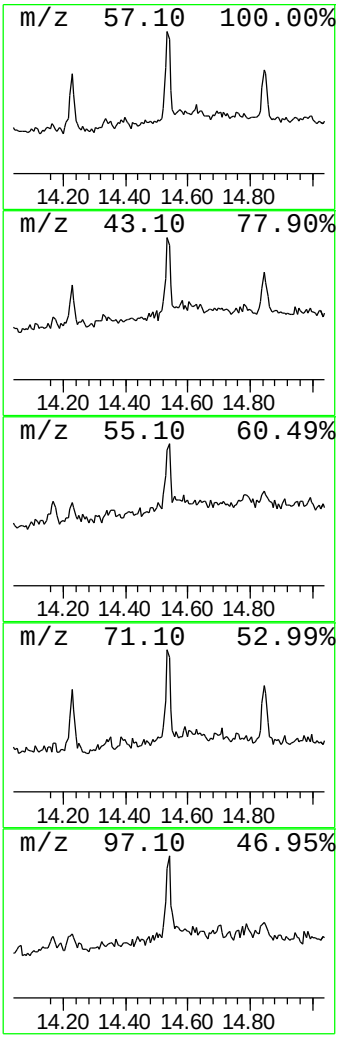
Peak Number 19 Hexadecane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.66 ng	223873	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	50
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	49
3	17-Pentatriacontene	491	C35H70	006971-40-0	45
4	Heptadecane	240	C17H36	000629-78-7	42
5	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	41





Tentatively Identified Compound (LSC) summary

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Data File : BF111700.D
Acq On : 21 Dec 2018 21:09
Operator : JU/SJ
Sample : J6191-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-122018-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
2-Pentanone, 4-hy...	5.12	2.3	ng	115106	1	6.90	1015450	20.0
unknown6.67	6.67	37.7	ng	1914500	1	6.90	1015450	20.0
Tetradecane	9.35	3.4	ng	198588	3	9.94	1167970	20.0
Hexadecane	10.37	2.4	ng	141844	3	9.94	1167970	20.0
Sulfurous acid, b...	10.85	3.5	ng	198960	4	11.42	1134750	20.0
Pentadecane	11.29	2.1	ng	119802	4	11.42	1134750	20.0
Hexadecanoic acid...	11.82	23.2	ng	1313790	4	11.42	1134750	20.0
Anthracene, 1-met...	11.95	3.9	ng	222757	4	11.42	1134750	20.0
4H-Cyclopenta[def...	12.04	2.3	ng	132098	4	11.42	1134750	20.0
10,13-Octadecadie...	12.51	77.5	ng	4398910	4	11.42	1134750	20.0
15-Octadecenoic a...	12.53	47.1	ng	2671930	4	11.42	1134750	20.0
unknown13.17	13.17	2.3	ng	143340	5	14.06	1223230	20.0
Fluoranthene, 2-m...	13.19	4.8	ng	296383	5	14.06	1223230	20.0
11H-Benzo[b]fluorene	13.26	2.3	ng	139234	5	14.06	1223230	20.0
9-Tricosene, (Z)-	13.90	4.2	ng	259366	5	14.06	1223230	20.0
Hexadecane, 1-chl...	14.54	3.7	ng	223873	5	14.06	1223230	20.0