LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108099.D
Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

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-BF080818.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	5.243	490	494	499	rVB	246508	224323	4.74%	0.615%
2	5.631	556	560	564	rBV	1250249	1173647	24.80%	3.216%
3	6.625	725	729	733	rBV	1581608	1284512	27.15%	3.520%
4	6.784	752	756	760	rBV	1536851	1249030	26.40%	3.422%
5	7.019	792	796	800	rBV	1934254	1577624	33.34%	4.323%
6	7.178	819	823	826	rBV	1027987	916641	19.37%	2.512%
7	7.578	887	891	893	rBV	853408	744818	15.74%	2.041%
8	8.266	1005	1008	1011	rBV	61474	60933	1.29%	0.167%
9	8.301	1011	1014	1017	rBV	2133141	1901375	40.18%	5.210%
10	8.584	1058	1062	1066	rBV6	48083	59152	1.25%	0.162%
11	8.801	1097	1099	1102	rBV	63880	59989	1.27%	0.164%
12	8.878	1108	1112	1117	rBV2	113323	113313	2.39%	0.310%
13	9.013	1133	1135	1139	rVB	96000	83009	1.75%	0.227%
14	9.119	1148	1153	1156	rBV2	159231	168033	3.55%	0.460%
15	9.242	1171	1174	1177	rBV4	70213	71826	1.52%	0.197%
16	9.313	1183	1186	1188	rVB2	64024	50622	1.07%	0.139%
17	9.378	1193	1197	1201	rVB	1580577	1243591	26.28%	3.407%
18	9.448	1206	1209	1212	rVB	168443	151276	3.20%	0.415%
19	9.531	1220	1223	1225	rVB2	58477	56762	1.20%	0.156%
20	9.642	1238	1242	1247	rBV3	78653	137483	2.91%	0.377%
21	9.719	1247	1255	1258	rBV3	132638	231717	4.90%	0.635%
22	9.766	1261	1263	1268	rVV	189935	189059	4.00%	0.518%
23	9.836	1272	1275	1278	rBV2	67675	84844	1.79%	0.232%
24	9.925	1287	1290	1294	rBV3	72651	66363	1.40%	0.182%
25	9.978	1294	1299	1303	rBV	230739	192532	4.07%	0.528%
26	10.072	1311	1315	1318	rVV	1896958	1790309	37.83%	4.905%
27	10.101	1318	1320	1323	rVB	103810	75377	1.59%	0.207%
28	10.166	1328	1331	1335	rBV3	43864	59924	1.27%	0.164%
29	10.266	1345	1348	1352	rVB2	93540	100858	2.13%	0.276%
30	10.301	1352	1354	1359	rBV3	86006	105100	2.22%	0.288%
31	10.384	1364	1368	1370	rBV	88944	101443	2.14%	0.278%
32	10.413	1370	1373	1379	rVB2	58596	74711	1.58%	0.205%
33	10.478	1379	1384	1388	rBV	244851	259026	5.47%	0.710%
34	10.619	1405	1408	1410	rBV	115203	102049	2.16%	0.280%

LSC Area Percent Report

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Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.701	1417	1422	1425	rVB3	112977	125347	2.65%	0.343%
36	10.754	1429	1431	1434	rBV4	45655	50531	1.07%	0.138%
37	10.860	1445	1449	1453	rBV	637613	587847	12.42%	1.611%
38	10.954	1462	1465	1472	rBV2	195186	288411	6.10%	0.790%
39	11.166	1496	1501	1504	rBV3	66107	121205	2.56%	0.332%
40	11.248	1512	1515	1518	rVB2	50466	66541	1.41%	0.182%
41	11.407	1539	1542	1544	rBV	190232	148766	3.14%	0.408%
42	11.436	1544	1547	1549	rVV2	104479	101450	2.14%	0.278%
43	11.460	1549	1551	1554	rVB	79523	73223	1.55%	0.201%
44	11.566	1565	1569	1571	rBV	1871829	1622561	34.29%	4.446%
45	11.589	1571	1573	1577	rVB	644913	511020	10.80%	1.400%
46	11.642	1579	1582	1585	rBV	165649	130920	2.77%	0.359%
47	11.789	1605	1607	1612	rBV5	46695	59670	1.26%	0.163%
48	11.836	1612	1615	1617	rVB	144366	112060	2.37%	0.307%
49	11.901	1623	1626	1629	rVB	75333	70991	1.50%	0.195%
50	11.936	1629	1632	1636	rVB	1796673	1373260	29.02%	3.763%
51	11.983	1637	1640	1642	rBV	56091	63172	1.34%	0.173%
52	12.072	1651	1655	1657	rBV	203716	203951	4.31%	0.559%
53	12.095	1657	1659	1663	rVB	242176	204101	4.31%	0.559%
54	12.142	1665	1667	1670	rVB	76694	67959	1.44%	0.186%
55	12.183	1670	1674	1676	rBV2	234526	263732	5.57%	0.723%
56	12.207	1676	1678	1681	rVB	140347	112805	2.38%	0.309%
57	12.242	1681	1684	1687	rBV	120085	121880	2.58%	0.334%
58	12.366	1702	1705	1707	rBV	81274	71411	1.51%	0.196%
59	12.395	1707	1710	1713	rVB2	56482	56049	1.18%	0.154%
60	12.572	1738	1740	1742	rVB	68260	53735	1.14%	0.147%
61	12.630	1746	1750	1752	rVV	5063043	4731905	100.00%	12.966%
62	12.648	1752	1753	1760	rVV2	3332325	3116991	65.87%	8.541%
63	12.707	1760	1763	1765	rVV	84738	90351	1.91%	0.248%
64	12.736	1765	1768	1773	rVB	647721	635314	13.43%	1.741%
65	12.789	1773	1777	1780	rBV	708893	653142	13.80%	1.790%
66	12.972	1805	1808	1810	rBV2	129505	113797	2.40%	0.312%
67	13.019	1810	1816	1821	rVV	816825	907429	19.18%	2.486%
68	13.072	1822	1825	1828	rVB	88333	91224	1.93%	0.250%
69	13.154	1835	1839	1841	rBV	1112190	920990	19.46%	2.524%
70	13.177	1841	1843	1847	rVB3	88882	86363	1.83%	0.237%
71	13.230	1849	1852	1859	rVB3	103707	182860	3.86%	0.501%

LSC Area Percent Report

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Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.342	1866	1871	1874	rBV2	148069	231405	4.89%	0.634%
73	13.454	1887	1890	1894	rBV2	161765	186796	3.95%	0.512%
74	13.548	1903	1906	1908	rBV	117610	94491	2.00%	0.259%
75	13.577	1909	1911	1914	rVV	122440	99284	2.10%	0.272%
76	14.224	2016	2021	2023	rBV2	1587552	1698791	35.90%	4.655%
77	14.248	2023	2025	2030	rVB	313123	310358	6.56%	0.850%
78	15.795	2284	2288	2292	rVB	705748	920638	19.46%	2.523%

Sum of corrected areas: 36495998

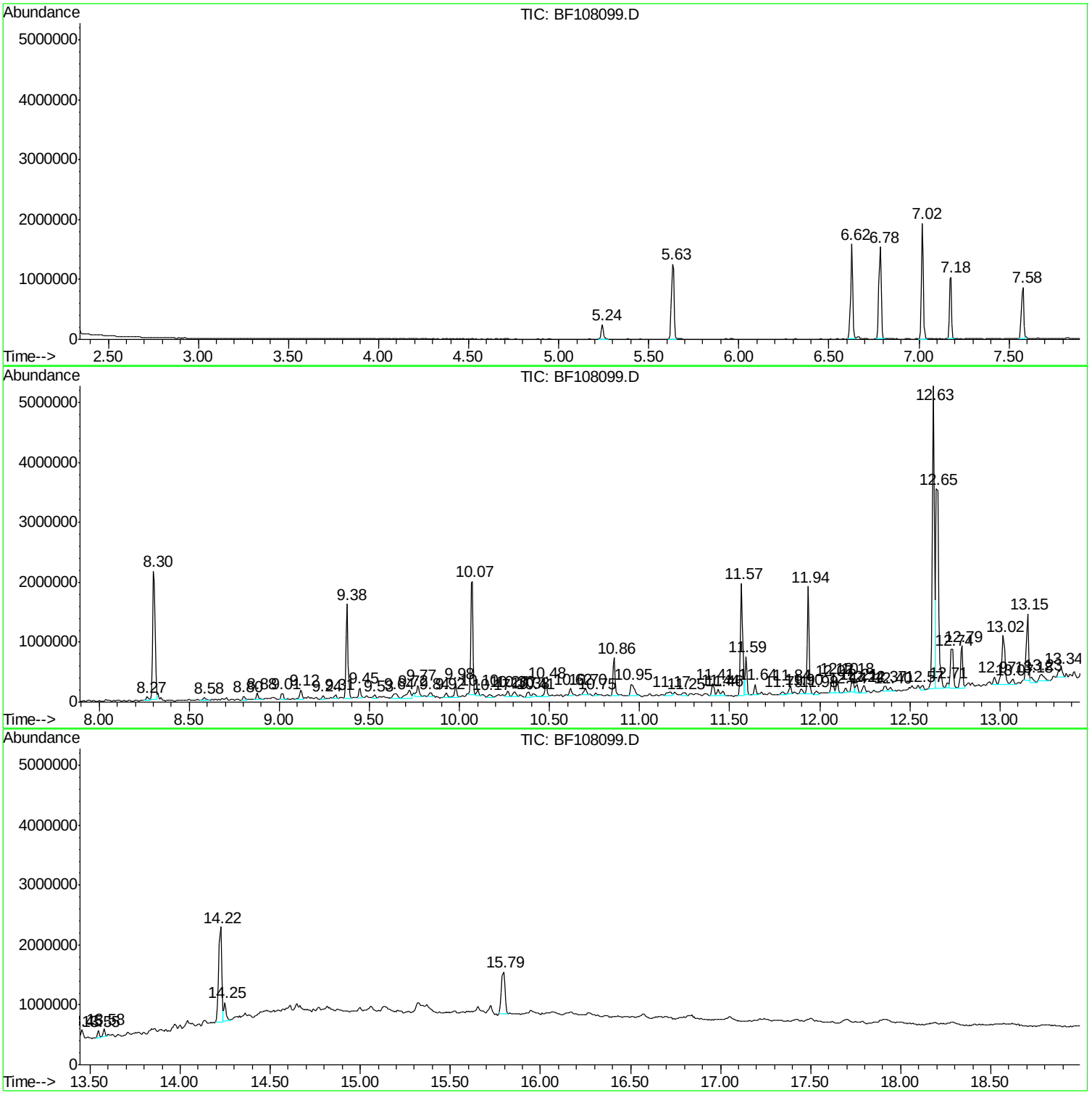
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108099.D
Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF081018\
Data File : BF108099.D
Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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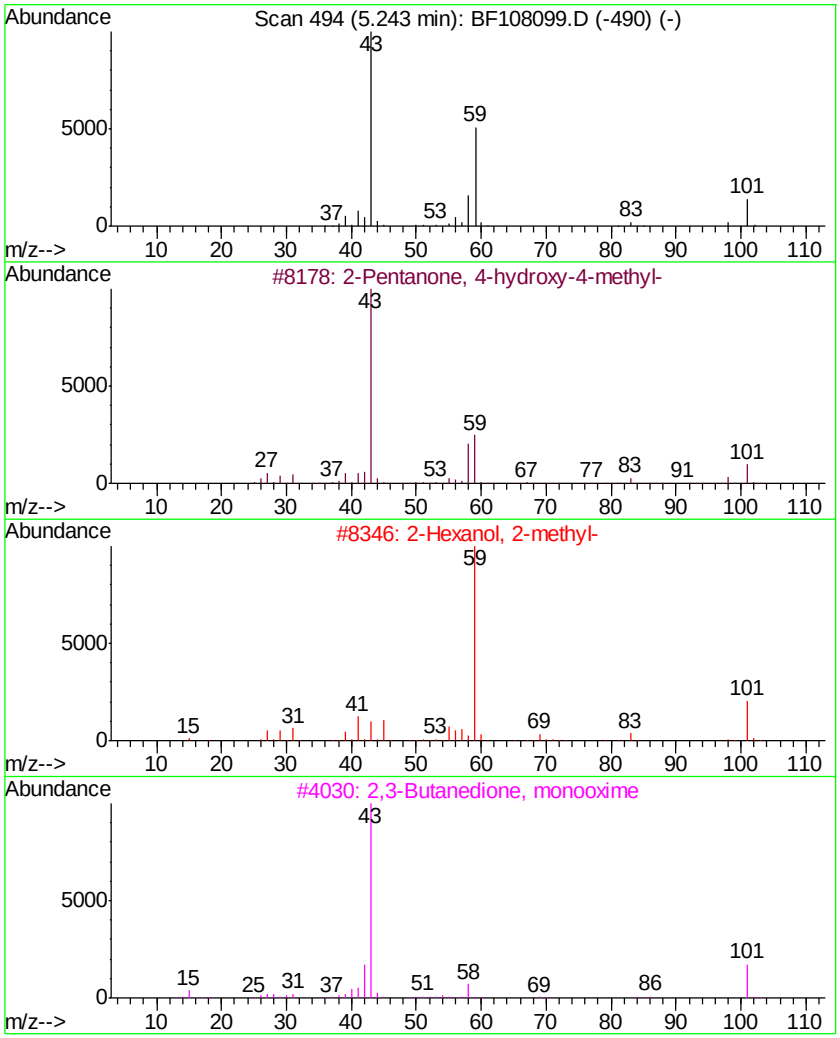
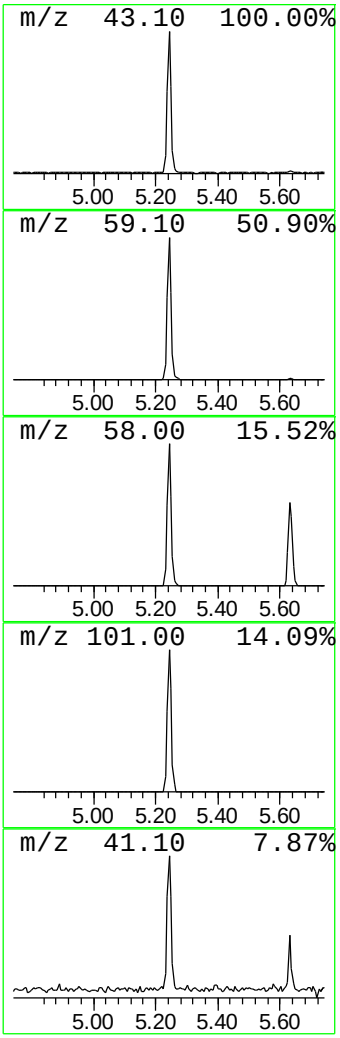
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	2.84 ng	224323	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108099.D
Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

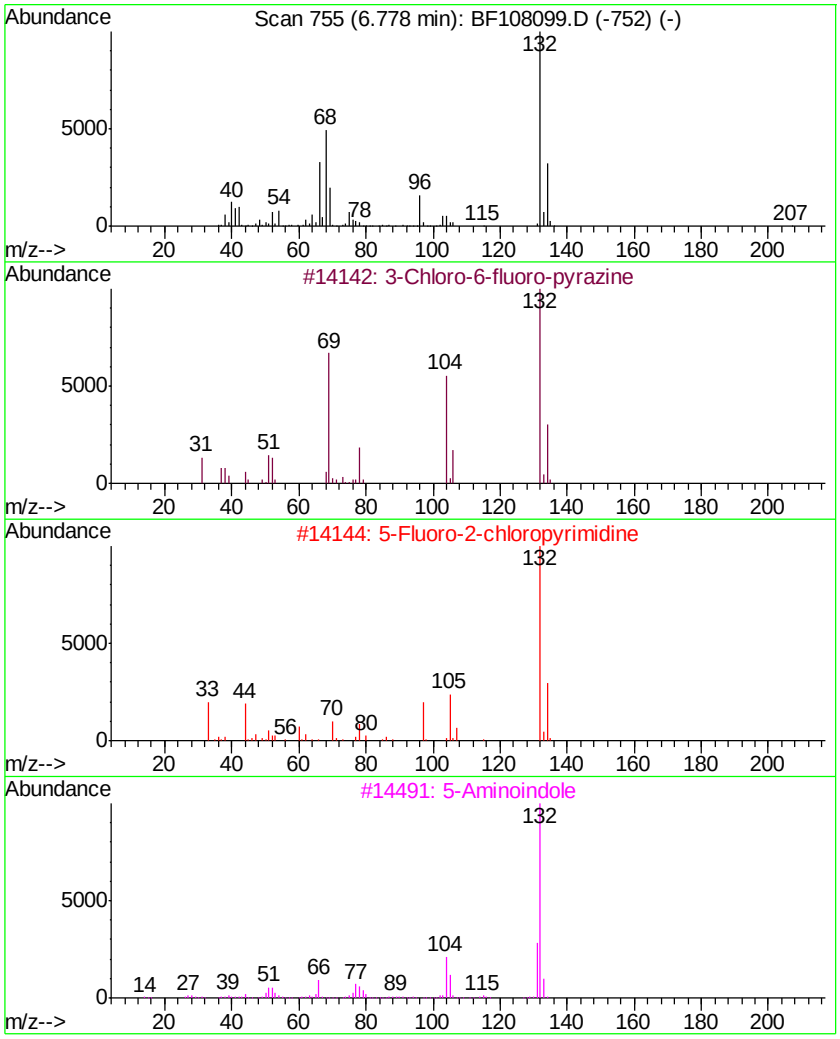
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

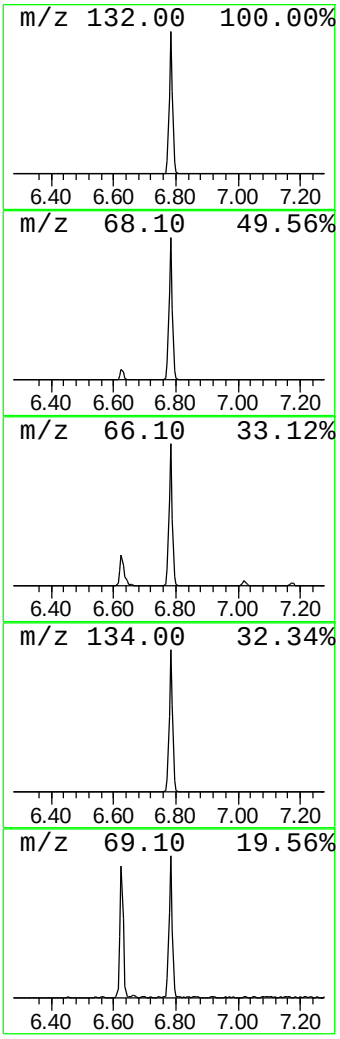
****

Peak Number 2 unknown6.78 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	15.83 ng	1249030	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108099.D
Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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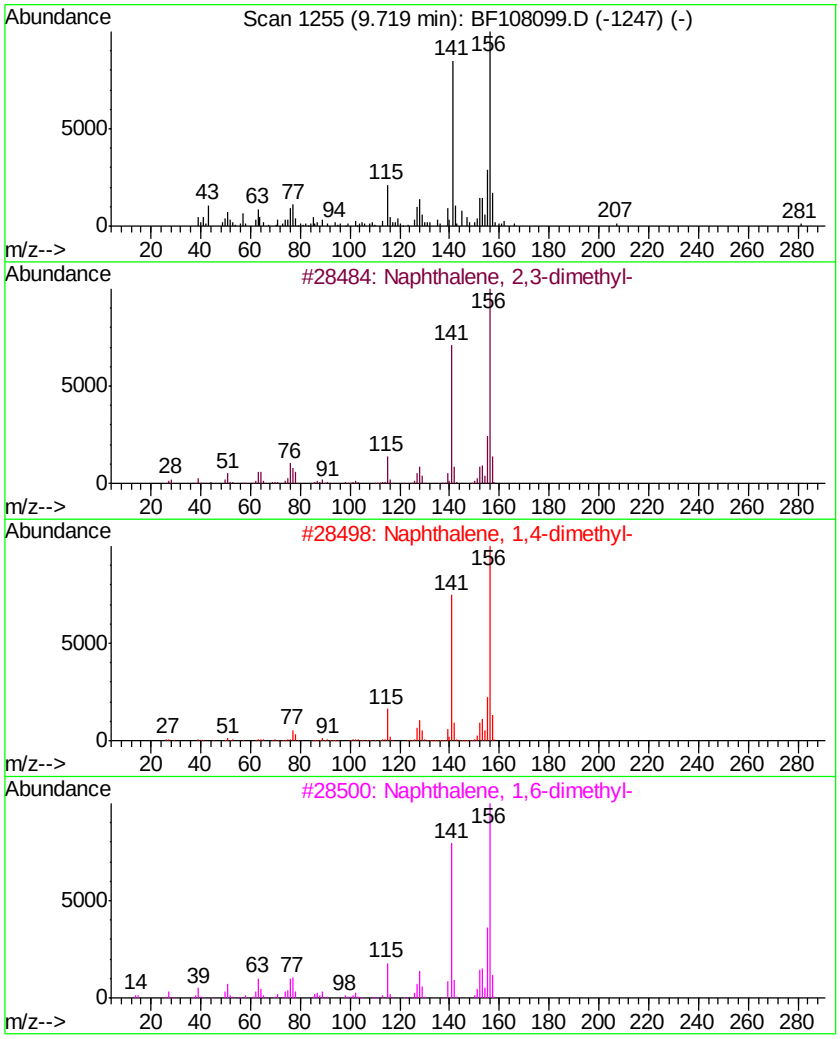
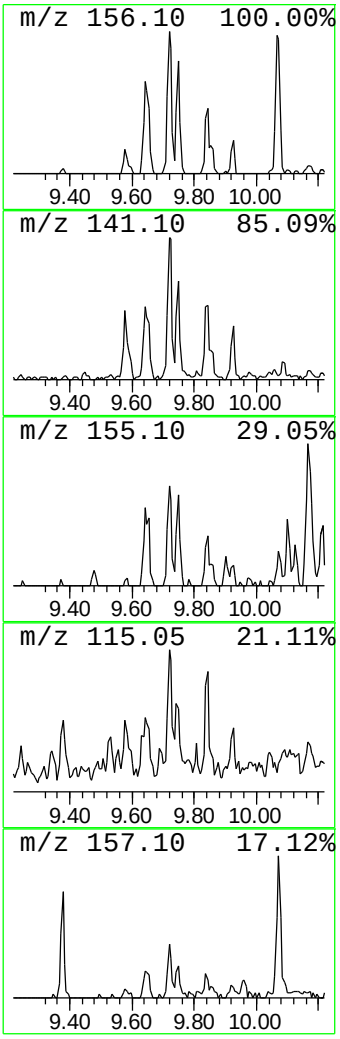
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.59 ng	231717	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

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Data File : BF108099.D
Acq On : 10 Aug 2018 22:14
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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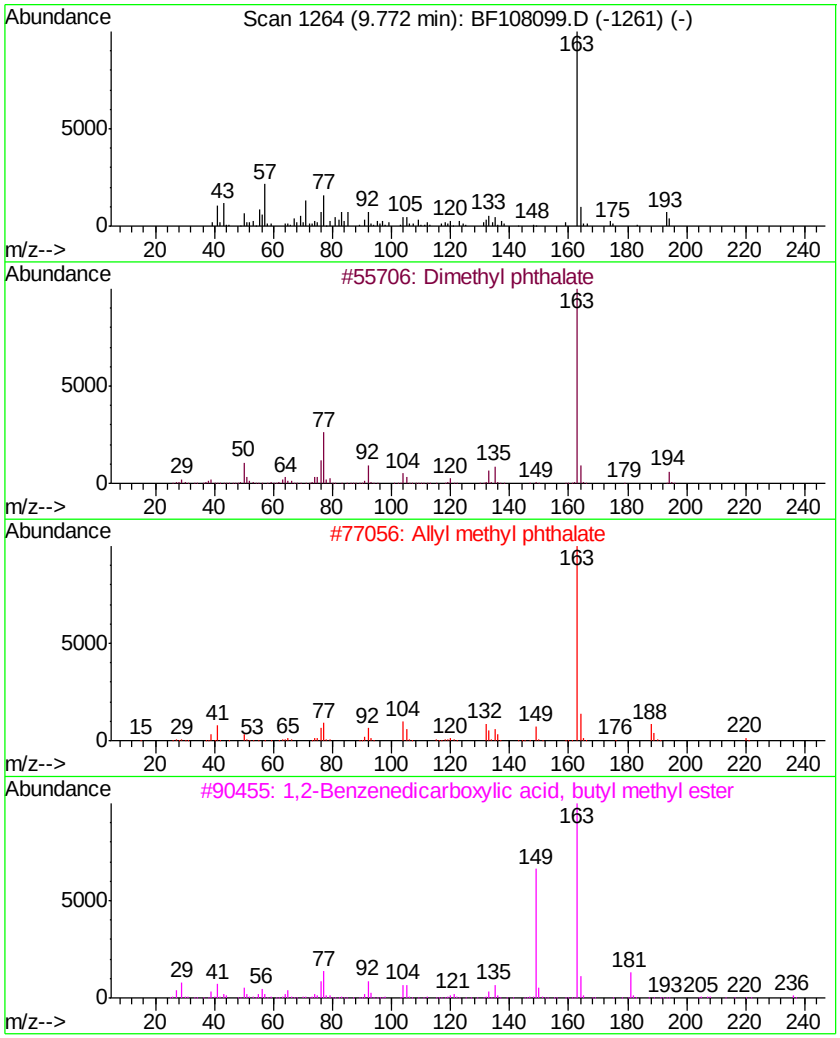
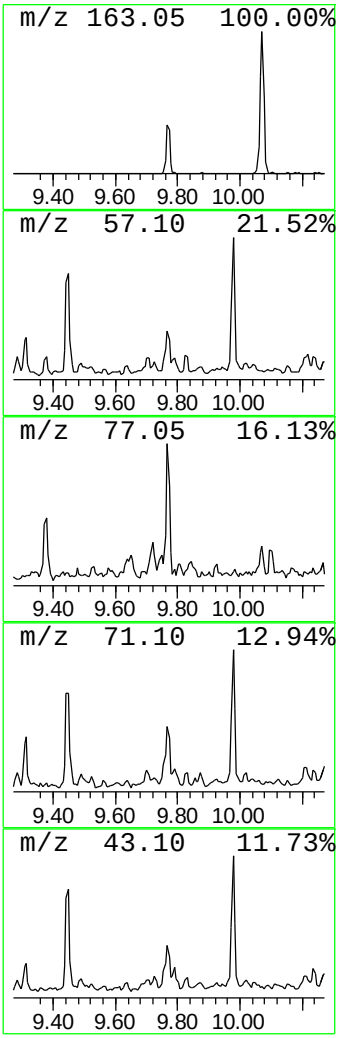
Peak Number 5 Dimethyl phthalate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.11 ng	189059	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	93
2	Allyl methyl phthalate	220	C12H12O4	1000373-89-1	64
3	1,2-Benzenedicarboxylic acid, bu...	236	C13H16O4	034006-76-3	64
4	Methyl propyl phthalate	222	C12H14O4	1000373-89-2	64
5	2-Methoxyethyl methyl phthalate	238	C12H14O5	1000373-89-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108099.D
Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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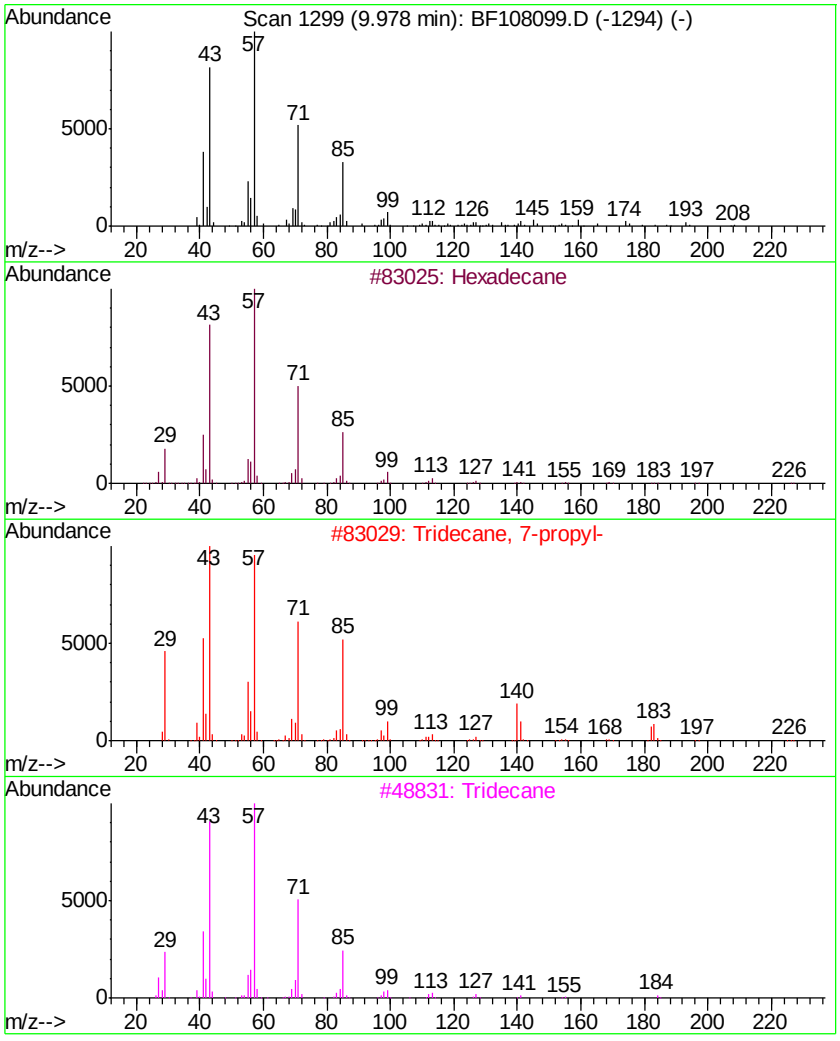
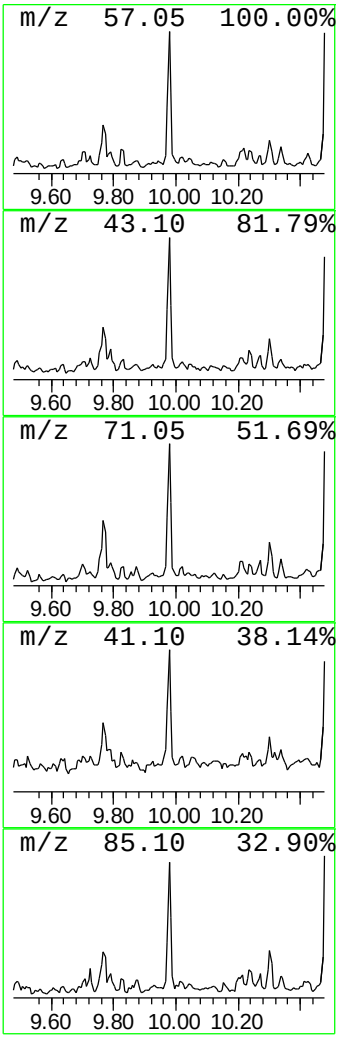
Peak Number 6 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	2.15 ng	192532	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Eicosane	282	C20H42	000112-95-8	83
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108099.D
Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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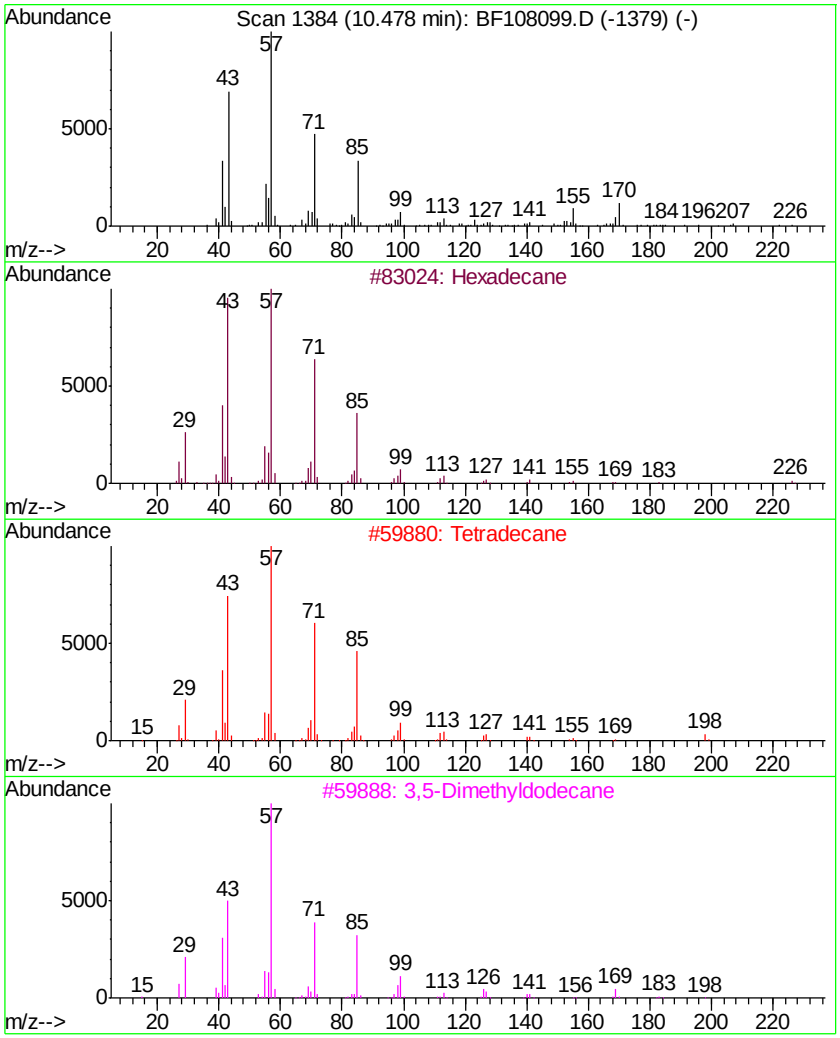
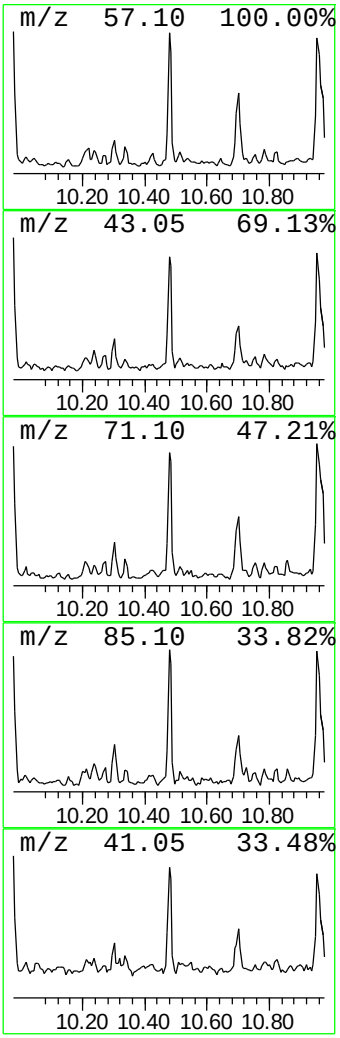
Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.89 ng	259026	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Tetradecane	198	C14H30	000629-59-4	64
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
4	Decane, 3-methyl-	156	C11H24	013151-34-3	58
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	58





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Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

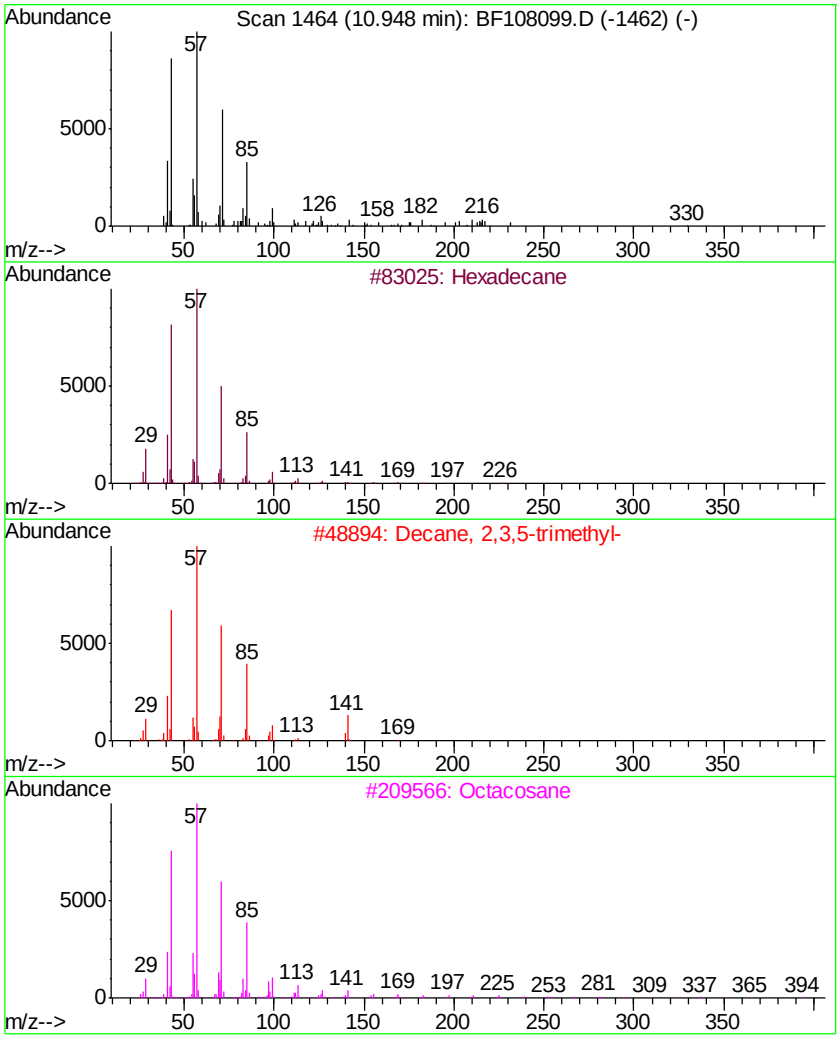
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

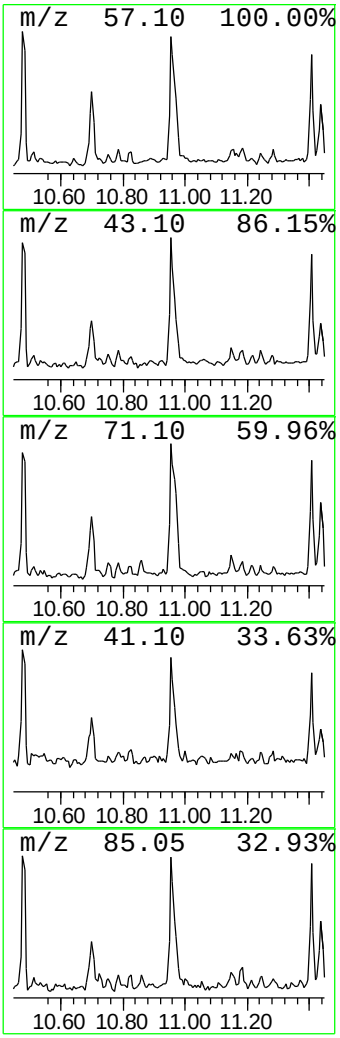
****

Peak Number 8 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	3.56 ng	288411	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Tetradecane	198	C14H30	000629-59-4	78
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	62





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Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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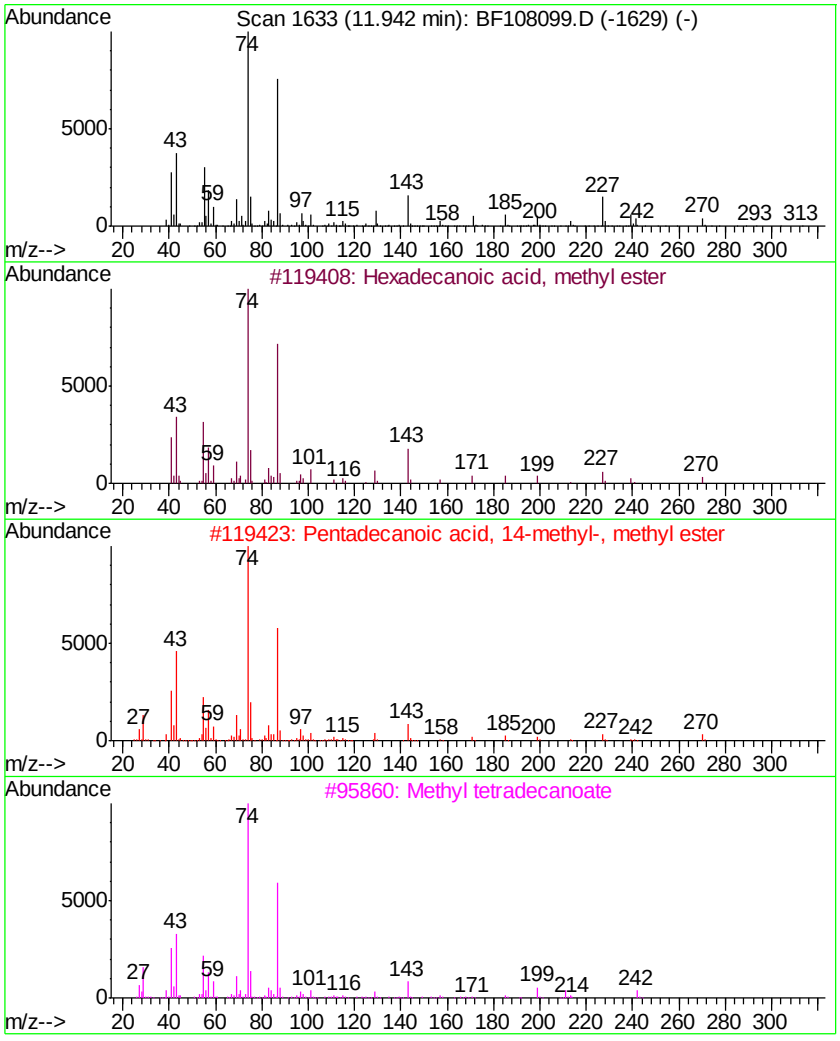
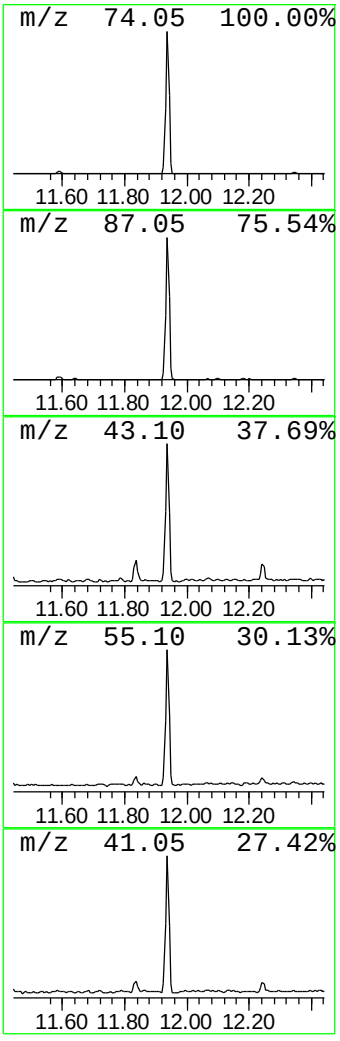
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	16.93 ng	1373260	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80





Library Search Compound Report

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Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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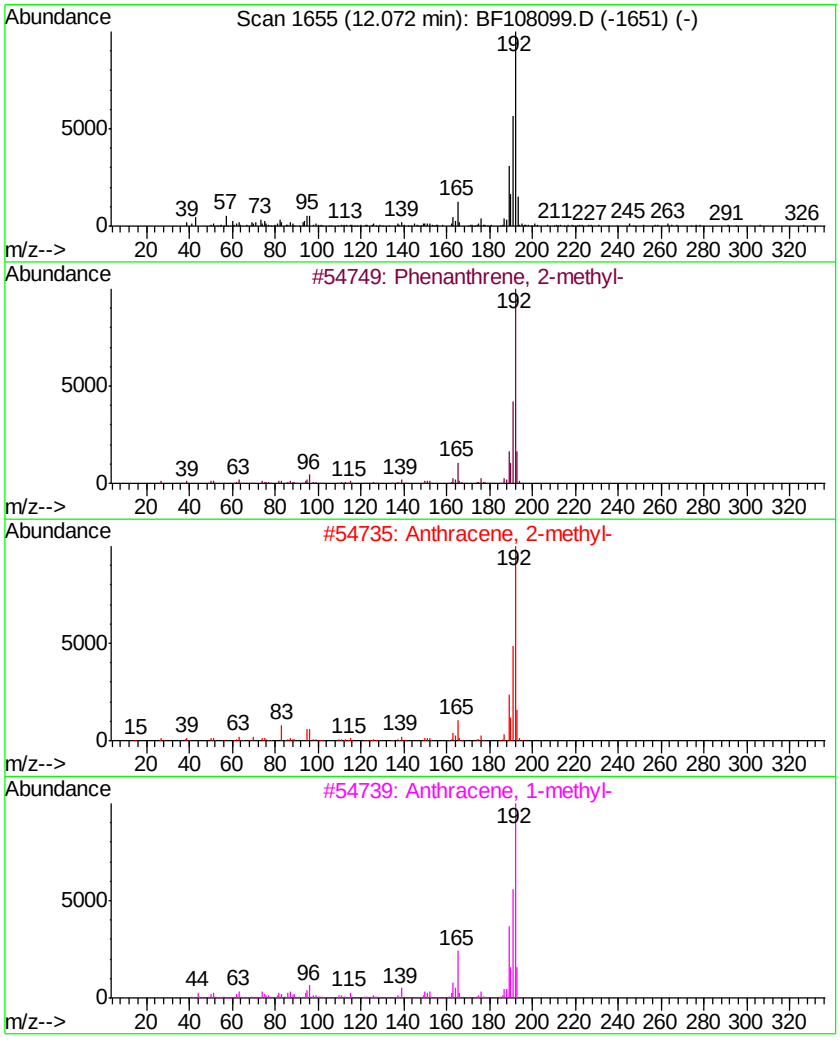
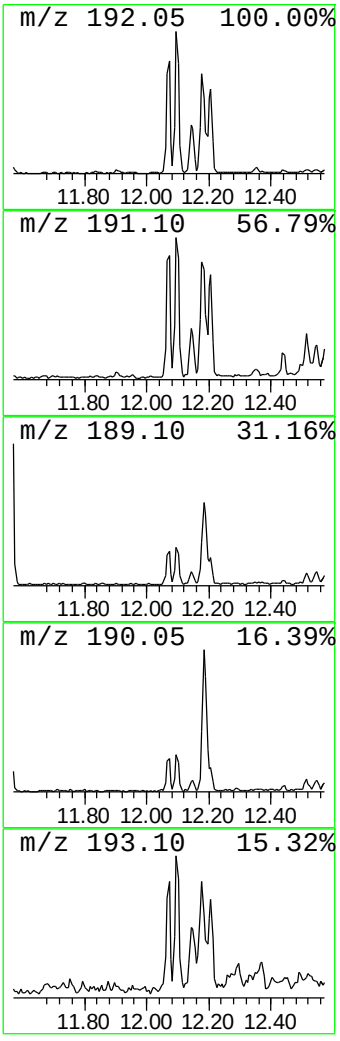
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.51 ng	203951	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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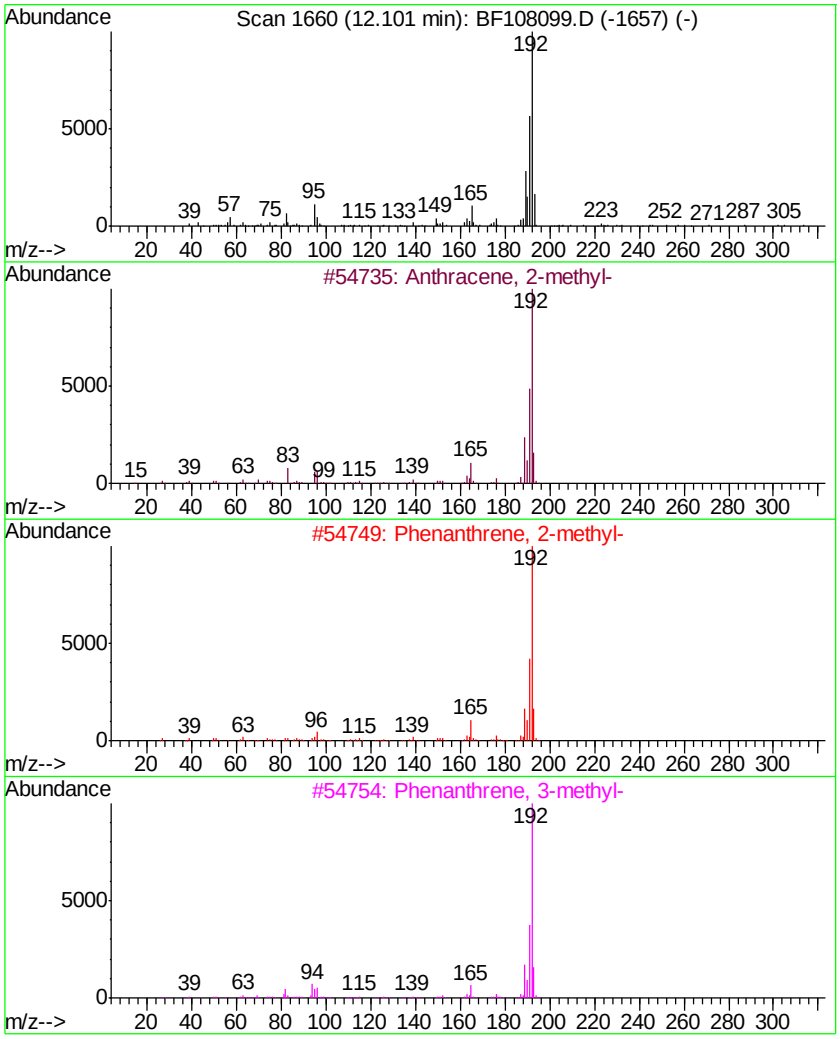
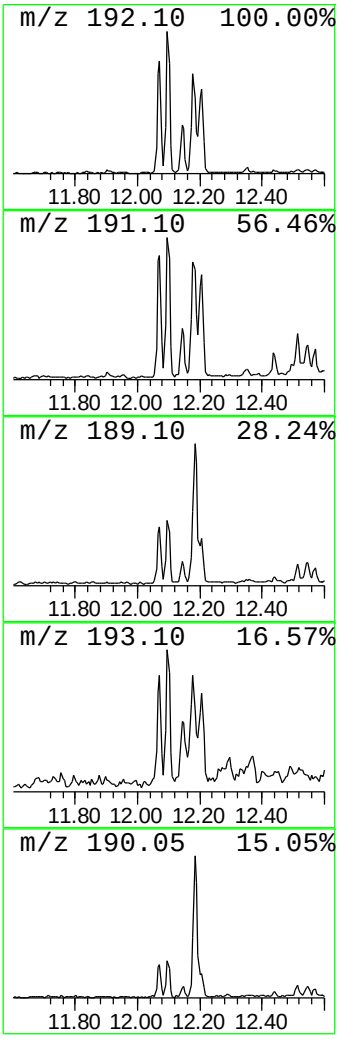
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.52 ng	204101	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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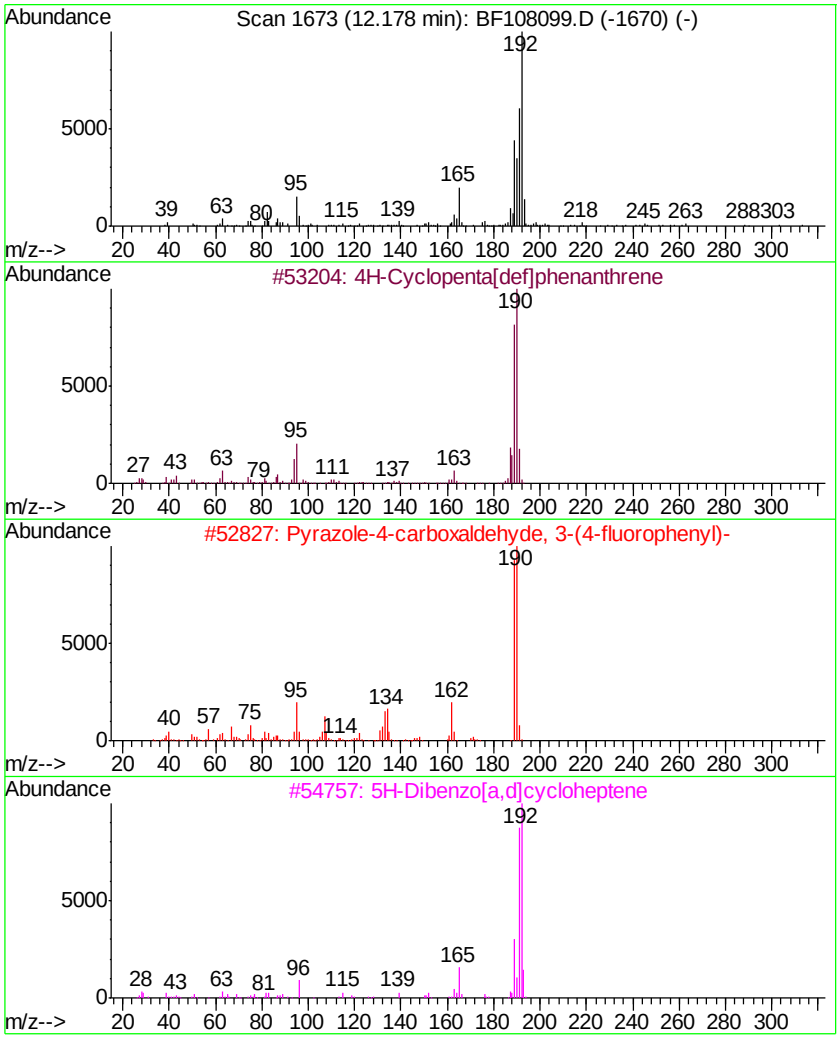
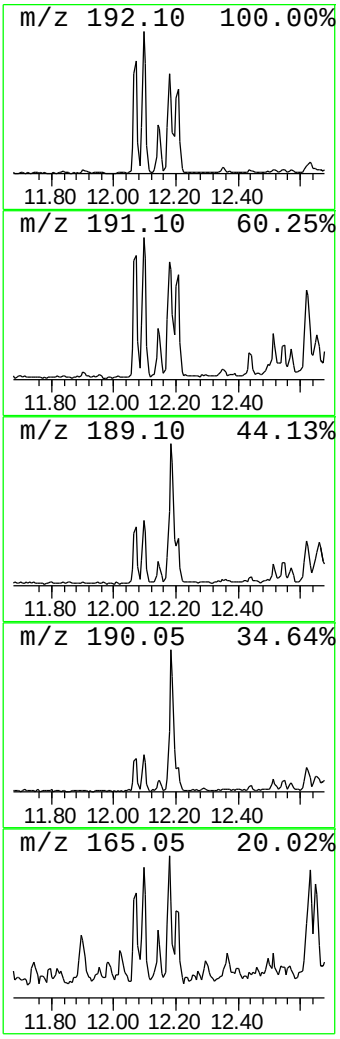
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	3.25 ng	263732	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35





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Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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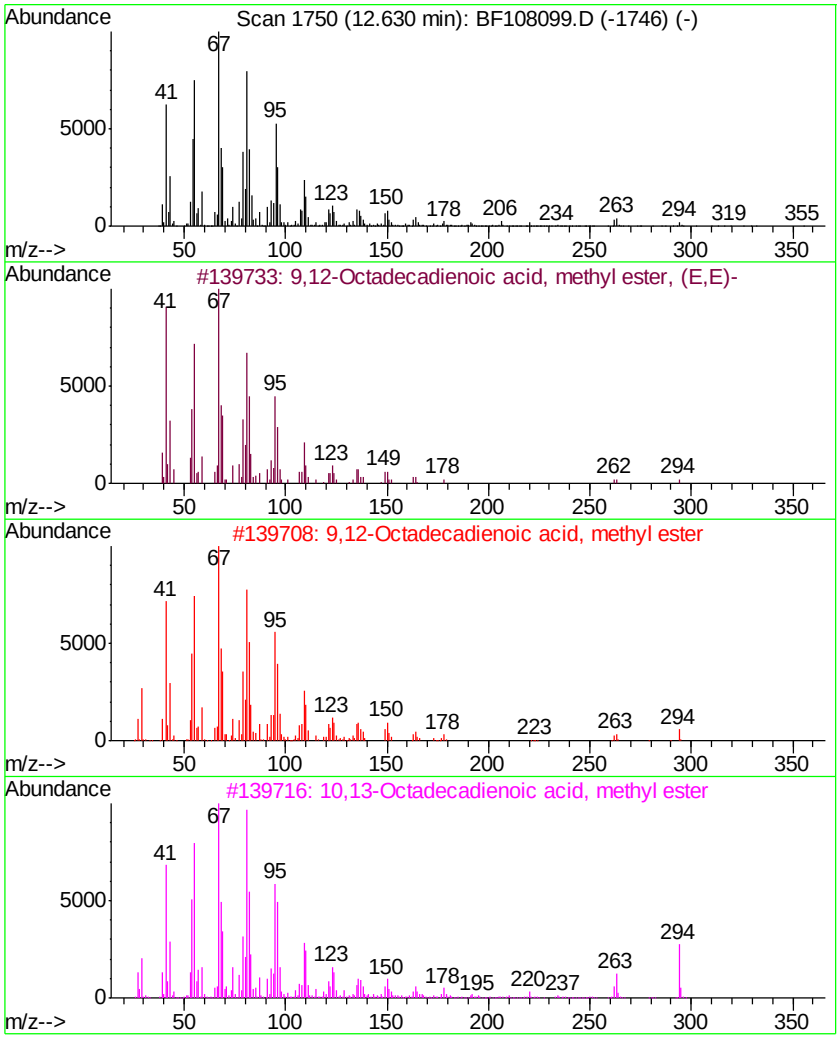
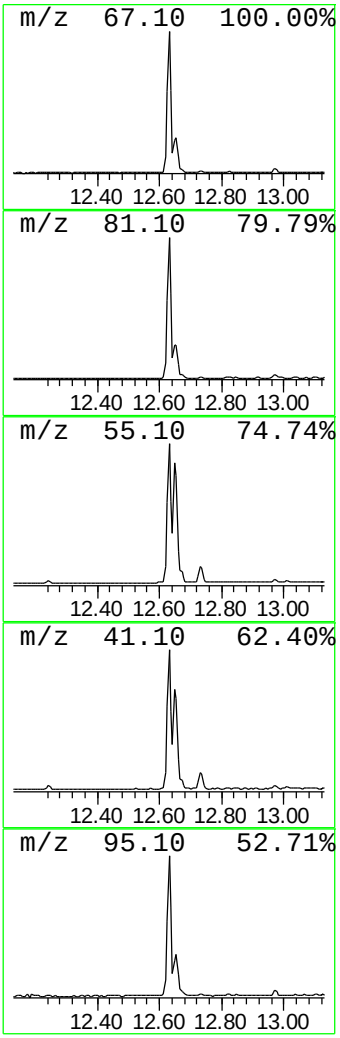
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	58.33 ng	4731910	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

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Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

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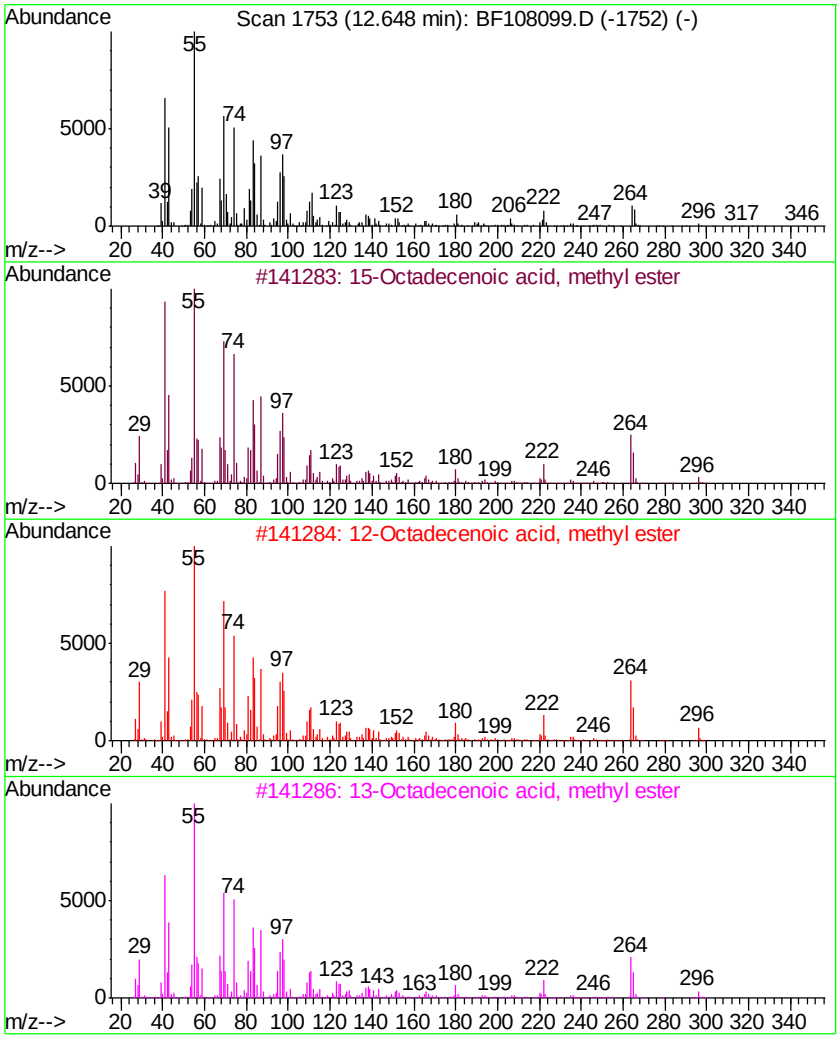
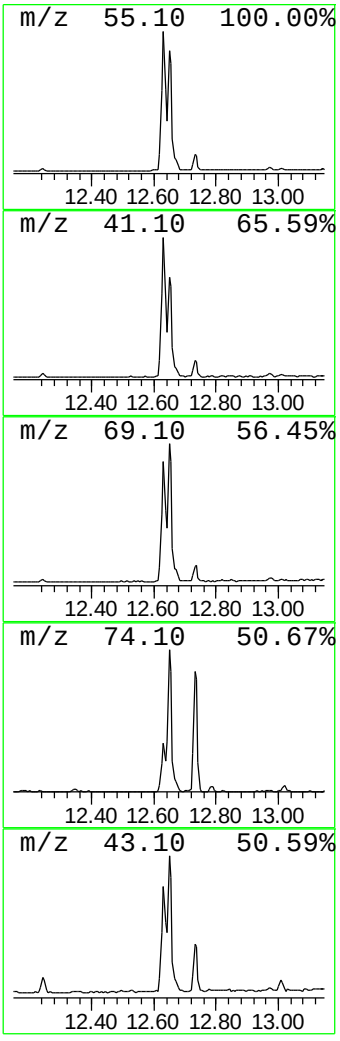
Peak Number 14 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	38.42 ng	3116990	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	98





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Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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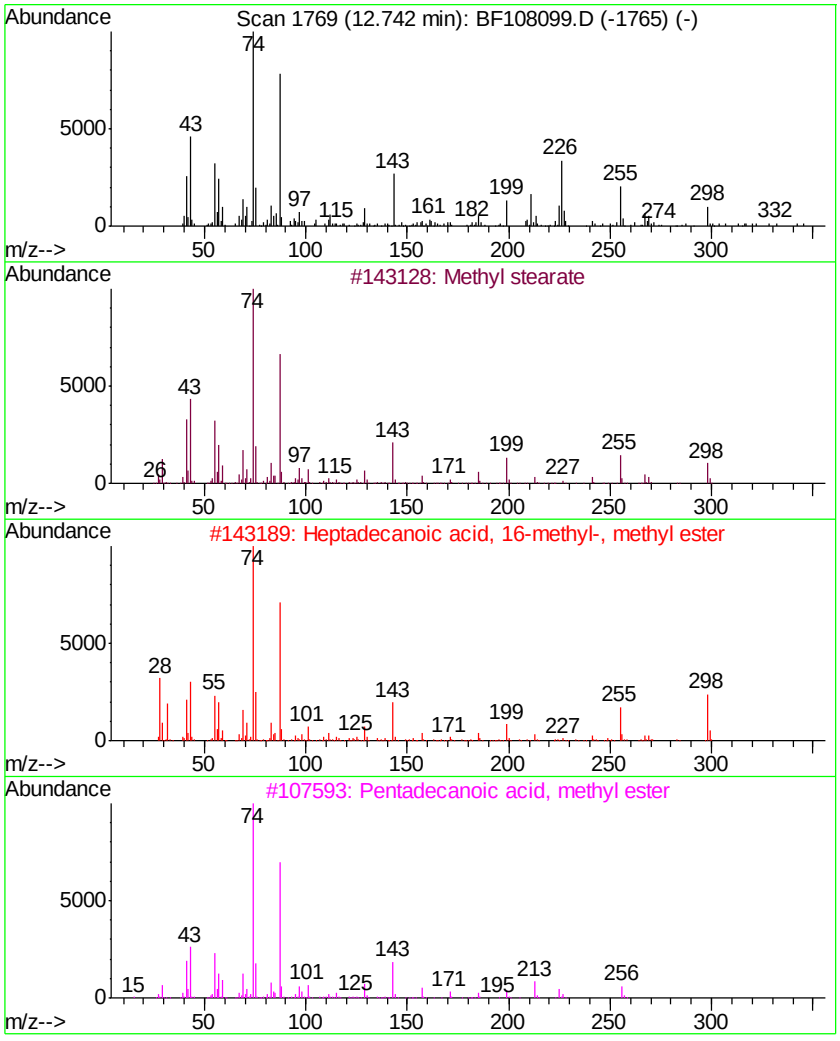
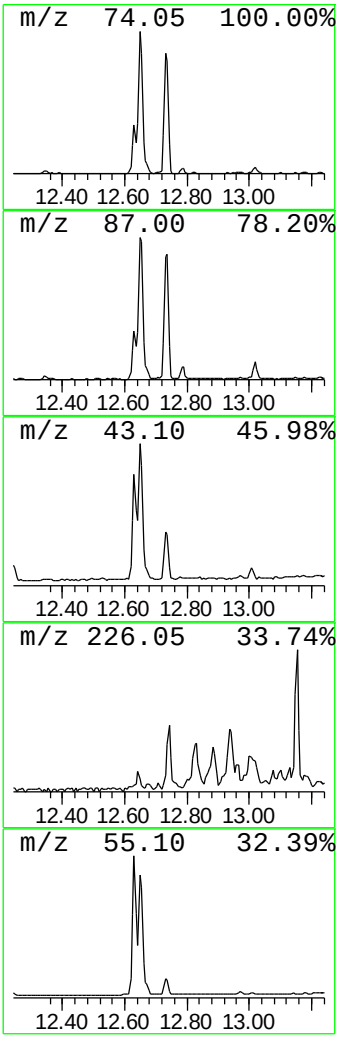
Peak Number 15 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	7.83 ng	635314	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	91
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	83
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80





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Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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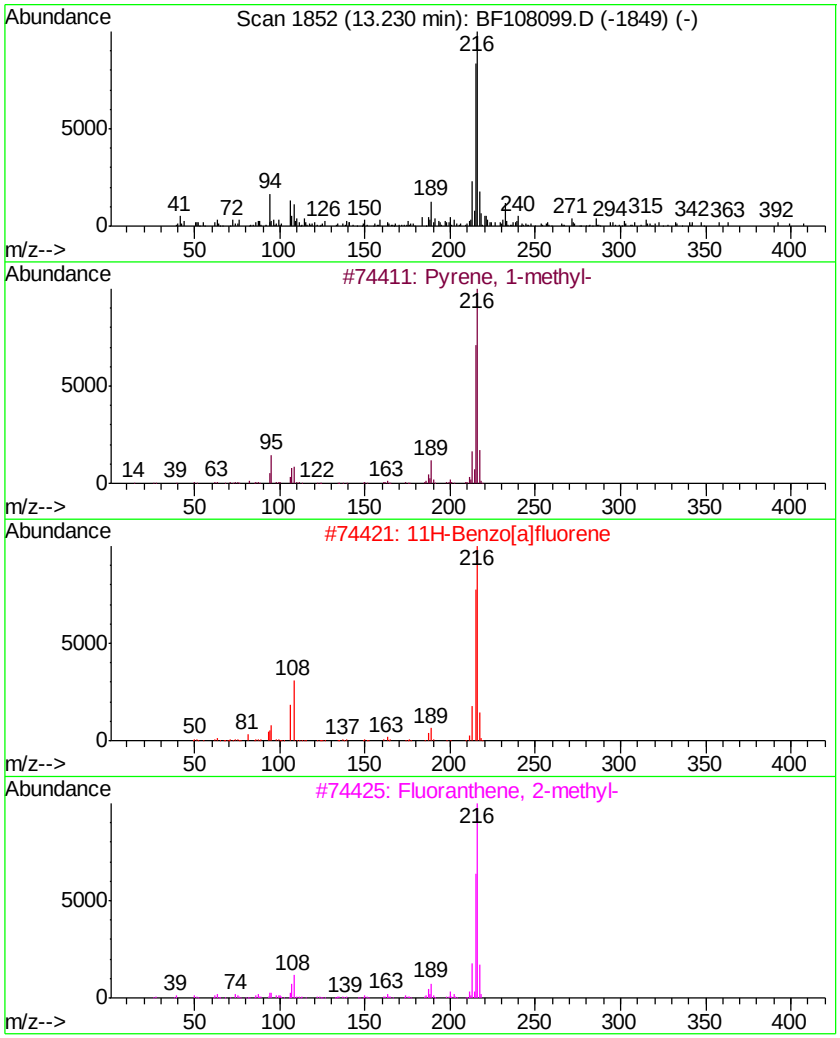
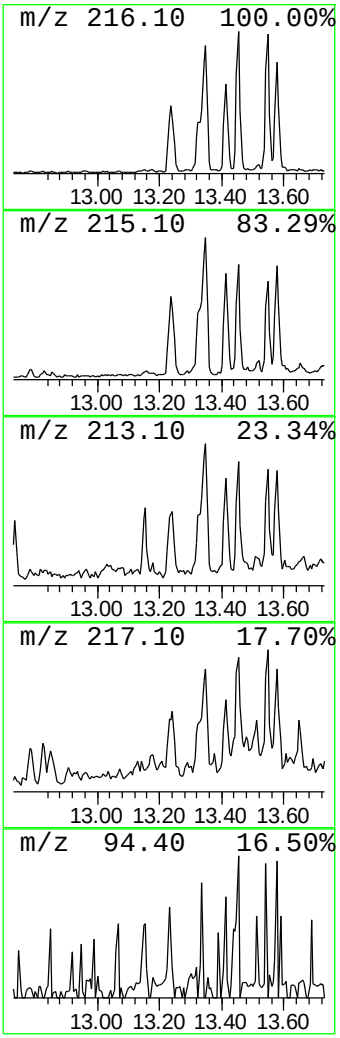
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.15 ng	182860	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	64





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Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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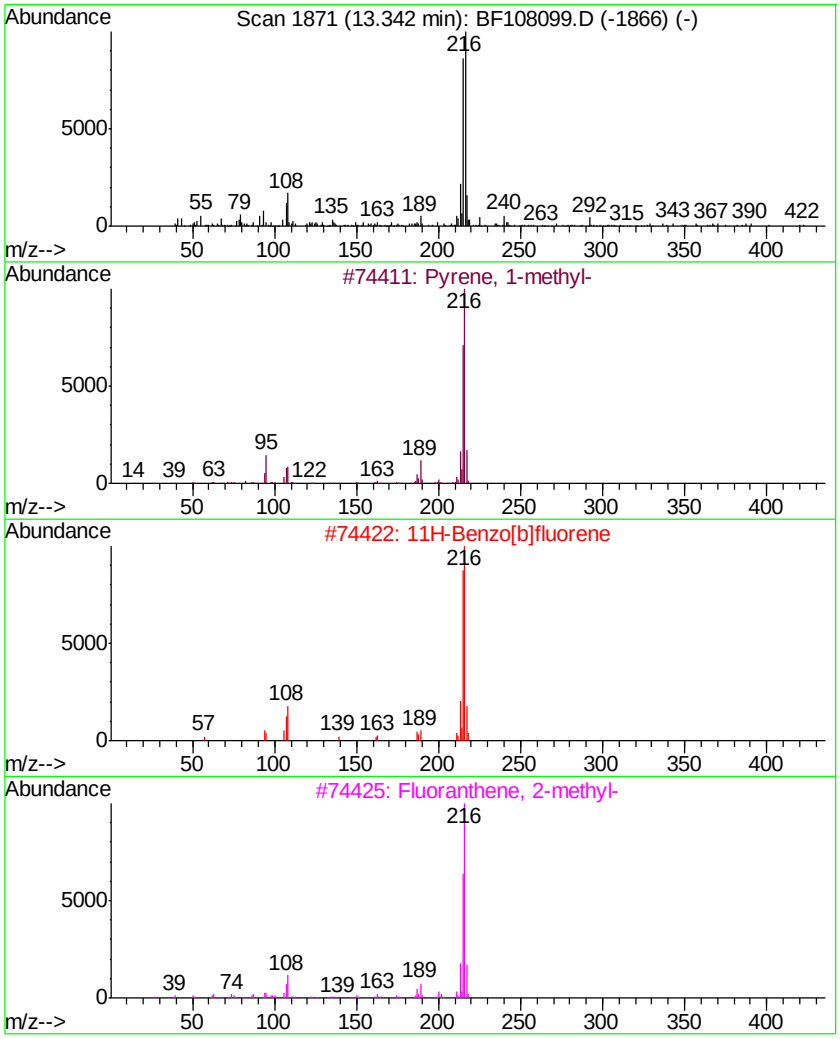
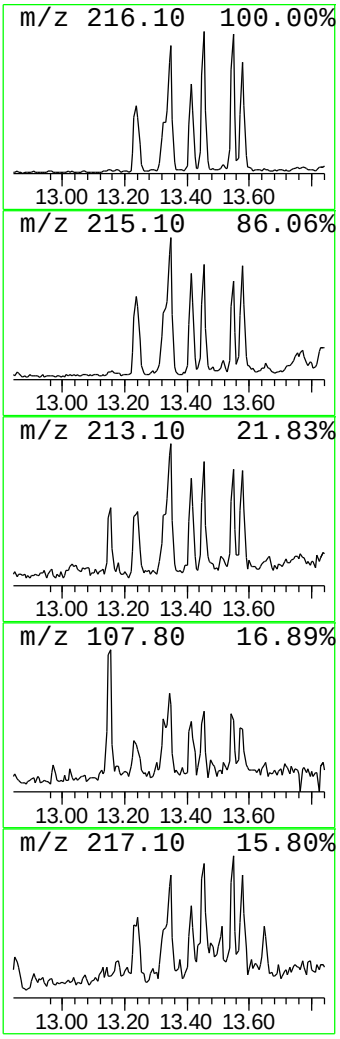
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.72 ng	231405	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

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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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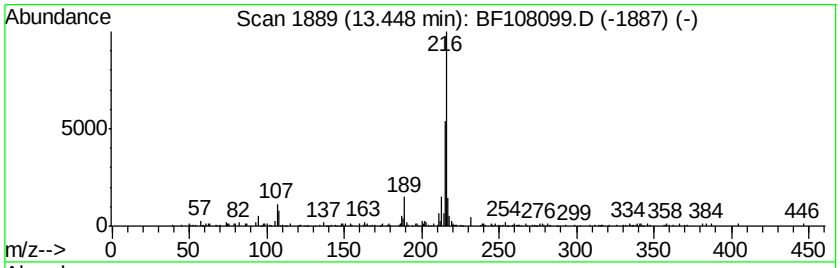
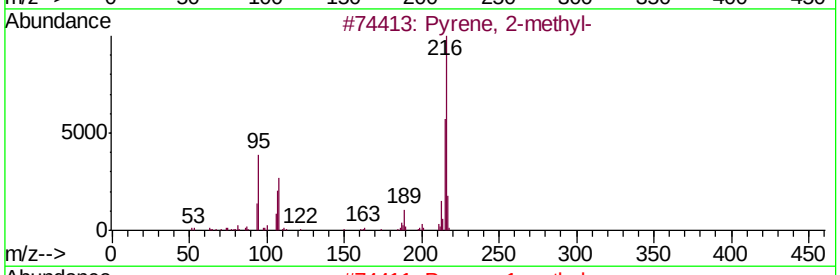
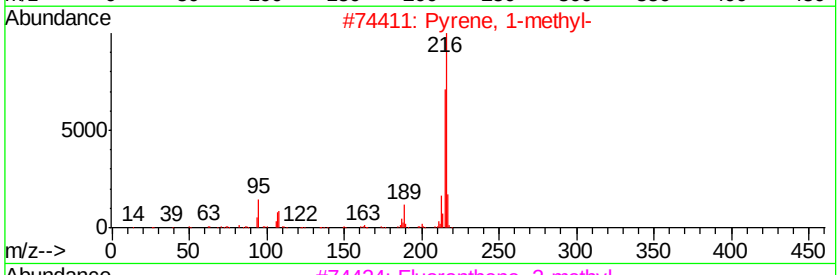
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 15

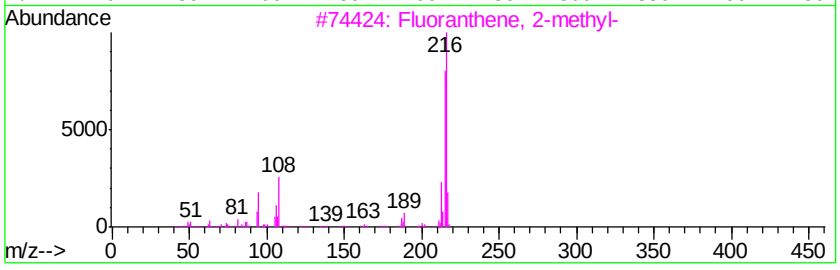
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.20 ng	186796	Chrysene-d12	14.22

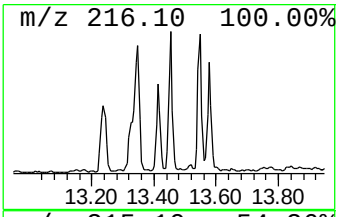
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83

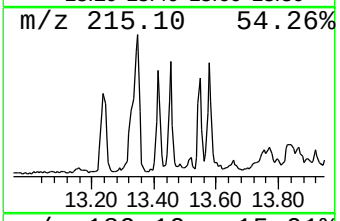


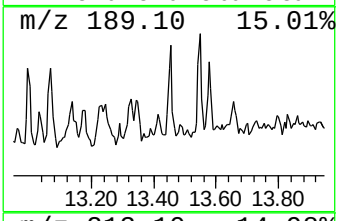


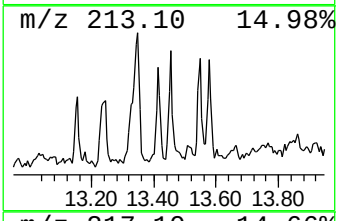


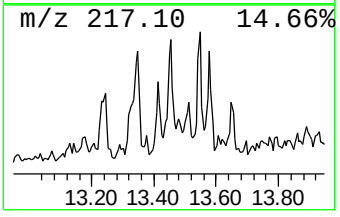












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108099.D
Acq On : 10 Aug 2018 22:14
Operator : JU/SJ
Sample : J4272-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-080918-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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...	5.24	2.8	ng	224323	1	7.02	1577620	20.0
unknown6.78	6.78	15.8	ng	1249030	1	7.02	1577620	20.0
Naphthalene, 2,3-...	9.72	2.6	ng	231717	3	10.07	1790310	20.0
Dimethyl phthalate	9.77	2.1	ng	189059	3	10.07	1790310	20.0
Hexadecane	9.98	2.1	ng	192532	3	10.07	1790310	20.0
Tetradecane	10.48	2.9	ng	259026	3	10.07	1790310	20.0
Decane, 2,3,5-tri...	10.95	3.6	ng	288411	4	11.57	1622560	20.0
Hexadecanoic acid...	11.94	16.9	ng	1373260	4	11.57	1622560	20.0
Phenanthrene, 2-m...	12.07	2.5	ng	203951	4	11.57	1622560	20.0
Anthracene, 2-met...	12.10	2.5	ng	204101	4	11.57	1622560	20.0
4H-Cyclopenta[def...	12.18	3.3	ng	263732	4	11.57	1622560	20.0
9,12-Octadecadien...	12.63	58.3	ng	4731910	4	11.57	1622560	20.0
15-Octadecenoic a...	12.65	38.4	ng	3116990	4	11.57	1622560	20.0
Methyl stearate	12.74	7.8	ng	635314	4	11.57	1622560	20.0
Pyrene, 1-methyl-	13.23	2.1	ng	182860	5	14.22	1698790	20.0
11H-Benzo[b]fluorene	13.34	2.7	ng	231405	5	14.22	1698790	20.0
Pyrene, 2-methyl-	13.45	2.2	ng	186796	5	14.22	1698790	20.0