LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107212.D
Acq On : 7 Jul 2018 17:46
Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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	5.184	480	484	499	rBV	126124	162982	12.44%	0.993%
2	5.596	550	554	573	rBV	1120367	1147554	87.57%	6.990%
3	6.601	720	725	736	rBV	1115585	1199729	91.55%	7.308%
4	6.731	743	747	750	rBV	1205776	1153412	88.01%	7.026%
5	6.772	750	754	766	rVB3	36961	59197	4.52%	0.361%
6	6.948	780	784	789	rBV	446278	349827	26.69%	2.131%
7	7.107	806	811	814	rBV	969744	903479	68.94%	5.503%
8	7.513	876	880	890	rBV	690225	726710	55.45%	4.427%
9	8.231	998	1002	1013	rBV	451158	448085	34.19%	2.729%
10	8.801	1096	1099	1103	rVB2	18095	15629	1.19%	0.095%
11	8.948	1121	1124	1129	rBV	32462	32763	2.50%	0.200%
12	9.048	1138	1141	1148	rBV	18935	18720	1.43%	0.114%
13	9.307	1180	1185	1188	rBV	1354264	1262514	96.34%	7.690%
14	9.366	1192	1195	1198	rVV2	28374	27371	2.09%	0.167%
15	9.407	1198	1202	1206	rVB	115251	100443	7.66%	0.612%
16	9.572	1227	1230	1235	rBV	15418	17376	1.33%	0.106%
17	9.648	1240	1243	1245	rVV	18988	18234	1.39%	0.111%
18	9.695	1245	1251	1257	rVV	364073	340236	25.96%	2.072%
19	9.854	1273	1278	1282	rBV	36927	38715	2.95%	0.236%
20	9.895	1282	1285	1288	rVB	28867	25726	1.96%	0.157%
21	9.989	1298	1301	1305	rBV	446222	412349	31.47%	2.512%
22	10.025	1305	1307	1312	rVB	40582	32037	2.44%	0.195%
23	10.195	1331	1336	1339	rBV2	30429	36712	2.80%	0.224%
24	10.301	1351	1354	1357	rBV2	13492	15222	1.16%	0.093%
25	10.395	1367	1370	1372	rBV	42960	32687	2.49%	0.199%
26	10.542	1387	1395	1401	rBV2	37543	51952	3.96%	0.316%
27	10.613	1401	1407	1411	rBV5	20122	34007	2.60%	0.207%
28	10.789	1433	1437	1443	rBV	846450	777406	59.32%	4.735%
29	10.878	1447	1452	1462	rVB4	41588	78349	5.98%	0.477%
30	11.089	1484	1488	1490	rBV2	15173	16778	1.28%	0.102%
31	11.242	1511	1514	1517	rVB4	13307	16859	1.29%	0.103%
32	11.295	1519	1523	1525	rVV2	26717	27192	2.07%	0.166%
33	11.319	1525	1527	1530	rVV2	32618	40192	3.07%	0.245%
34	11.342	1530	1531	1535	rVV	21854	18725	1.43%	0.114%

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Sample : J3879-05
Misc :
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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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	11.383	1535	1538	1542	rVB	24229	20755	1.58%	0.126%
36	11.489	1552	1556	1558	rBV	504041	470440	35.90%	2.866%
37	11.513	1558	1560	1563	rVV	346446	266374	20.33%	1.623%
38	11.566	1565	1569	1572	rBV	98244	91469	6.98%	0.557%
39	11.725	1593	1596	1598	rBV	27570	24021	1.83%	0.146%
40	11.748	1598	1600	1602	rVB	27535	22445	1.71%	0.137%
41	11.819	1610	1612	1616	rVB2	17731	17661	1.35%	0.108%
42	11.989	1638	1641	1643	rBV	73068	65502	5.00%	0.399%
43	12.019	1643	1646	1649	rVV2	82058	77467	5.91%	0.472%
44	12.066	1651	1654	1657	rVV	38512	32727	2.50%	0.199%
45	12.101	1657	1660	1663	rVV2	91172	114596	8.74%	0.698%
46	12.125	1663	1664	1667	rVB	49914	27046	2.06%	0.165%
47	12.154	1667	1669	1673	rBV3	22727	23687	1.81%	0.144%
48	12.277	1687	1690	1693	rBV	51589	53275	4.07%	0.325%
49	12.319	1695	1697	1701	rVB3	31979	35866	2.74%	0.218%
50	12.430	1714	1716	1719	rVB2	21104	17321	1.32%	0.106%
51	12.466	1719	1722	1724	rVB	30674	22967	1.75%	0.140%
52	12.489	1724	1726	1731	rBV2	26385	23033	1.76%	0.140%
53	12.536	1731	1734	1737	rBV2	74760	84490	6.45%	0.515%
54	12.636	1747	1751	1754	rBV2	49119	69479	5.30%	0.423%
55	12.707	1759	1763	1766	rBV	641891	562360	42.91%	3.426%
56	12.742	1766	1769	1771	rVV	17710	20404	1.56%	0.124%
57	12.772	1771	1774	1776	rVV2	17104	16986	1.30%	0.103%
58	12.801	1777	1779	1783	rVV	17618	18121	1.38%	0.110%
59	12.919	1796	1799	1800	rBV	136171	125212	9.55%	0.763%
60	12.942	1800	1803	1807	rVV	598763	549405	41.92%	3.347%
61	12.983	1807	1810	1814	rVB	46083	59228	4.52%	0.361%
62	13.072	1820	1825	1828	rBV	1402348	1310479	100.00%	7.983%
63	13.101	1828	1830	1835	rVB	31947	36768	2.81%	0.224%
64	13.160	1835	1840	1844	rBV3	48020	98517	7.52%	0.600%
65	13.266	1856	1858	1862	rVB2	91028	89585	6.84%	0.546%
66	13.330	1867	1869	1872	rBV	55421	44248	3.38%	0.270%
67	13.372	1874	1876	1878	rVB	50661	38916	2.97%	0.237%
68	13.466	1890	1892	1894	rBV	54701	45406	3.46%	0.277%
69	13.495	1895	1897	1900	rVV	46014	45872	3.50%	0.279%
70	13.613	1915	1917	1920	rBV2	46976	44651	3.41%	0.272%
71	13.783	1943	1946	1949	rBV	67193	66738	5.09%	0.407%

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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-BF061918.M
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72	13.889	1962	1964	1966	rVB	47901	37065	2.83%	0.226%
73	13.913	1966	1968	1971	rVB	49871	39101	2.98%	0.238%
74	13.948	1971	1974	1979	rBV3	194134	237164	18.10%	1.445%
75	14.142	2002	2007	2010	rBV2	452788	652860	49.82%	3.977%
76	14.171	2010	2012	2015	rVB	256520	197950	15.11%	1.206%
77	15.230	2188	2192	2199	rVB	197490	417820	31.88%	2.545%
78	15.554	2244	2247	2251	rBV	100304	113730	8.68%	0.693%
79	15.624	2256	2259	2265	rVB	123594	166705	12.72%	1.015%
80	15.689	2267	2270	2273	rVB	160072	181747	13.87%	1.107%

Sum of corrected areas: 16416828

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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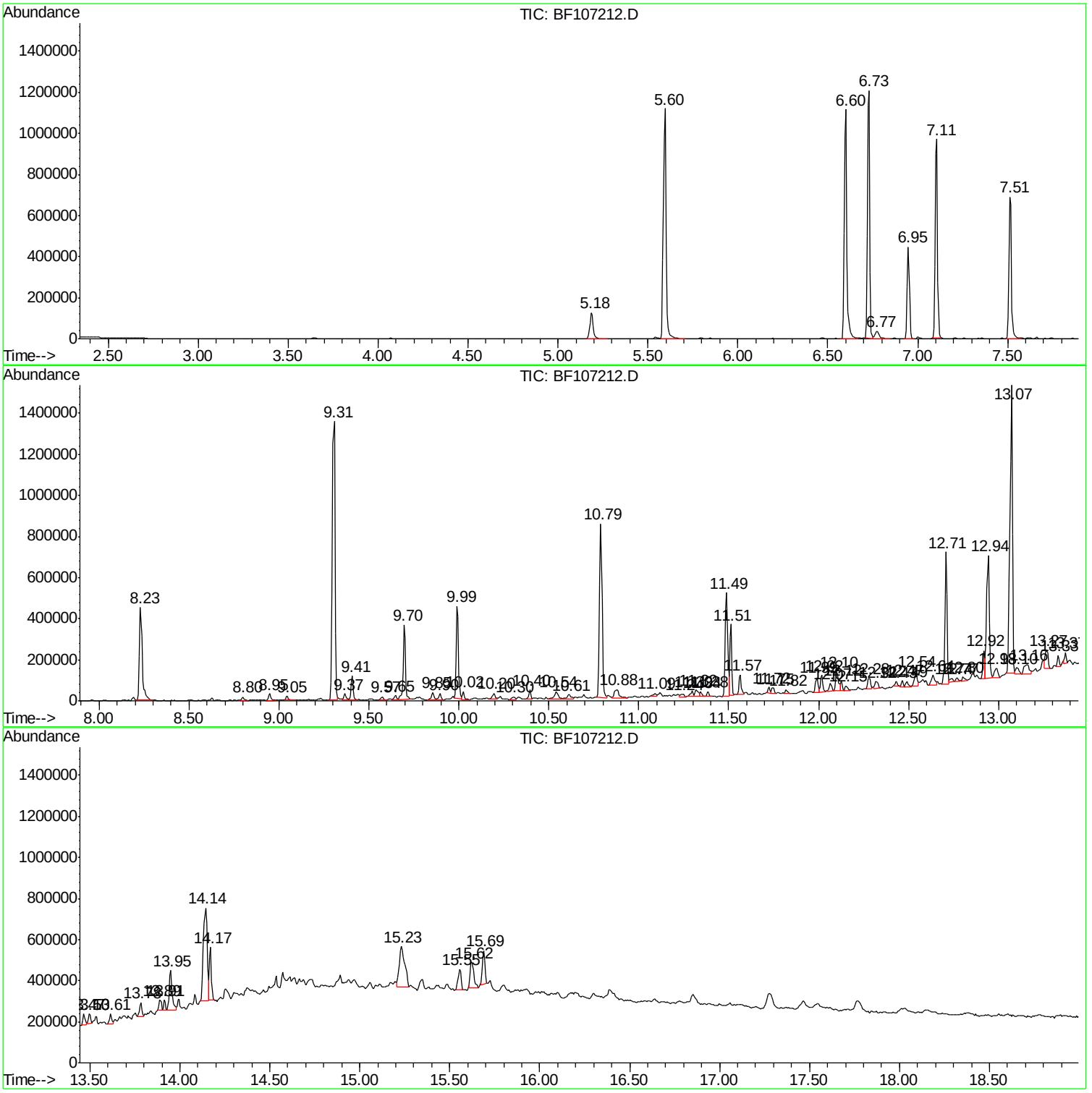
Acq On : 7 Jul 2018 17:46
Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-3

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107212.D
Acq On : 7 Jul 2018 17:46
Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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

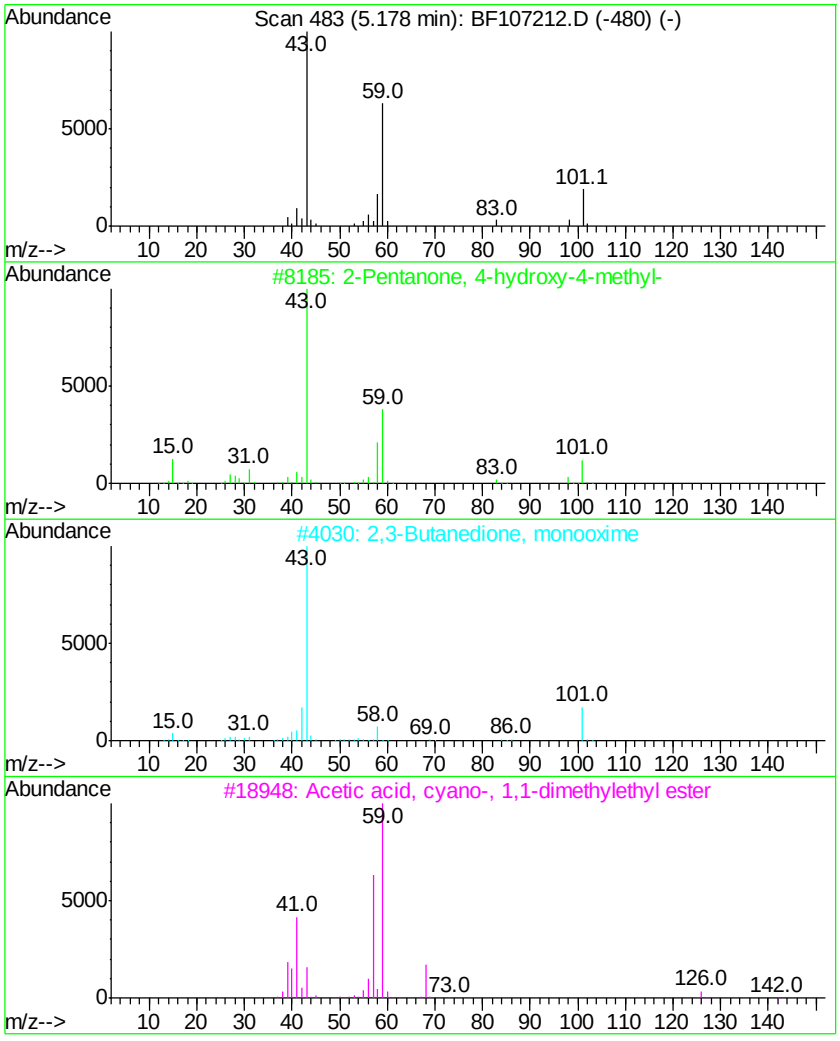
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

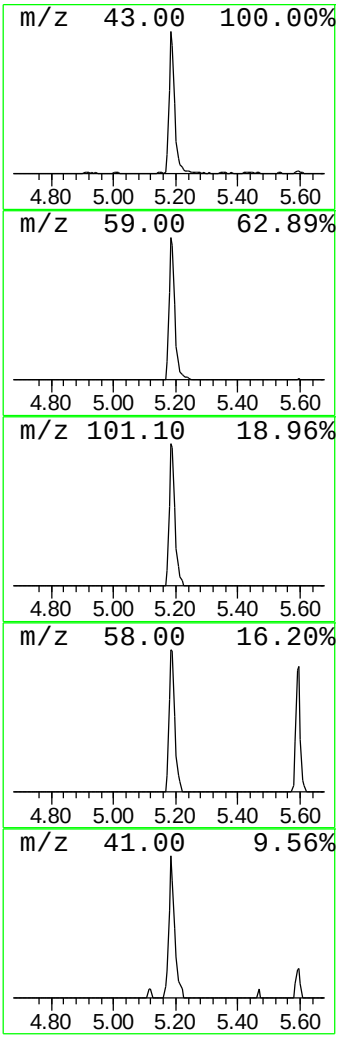
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.32 ng	162982	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	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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

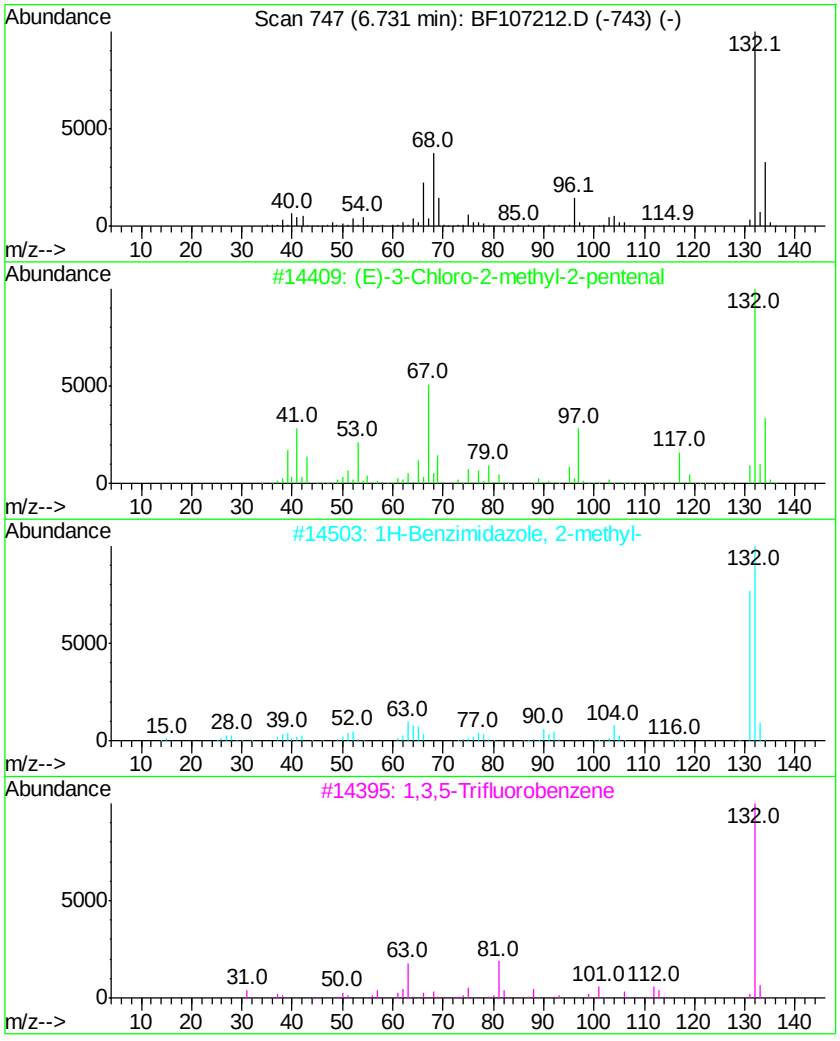
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

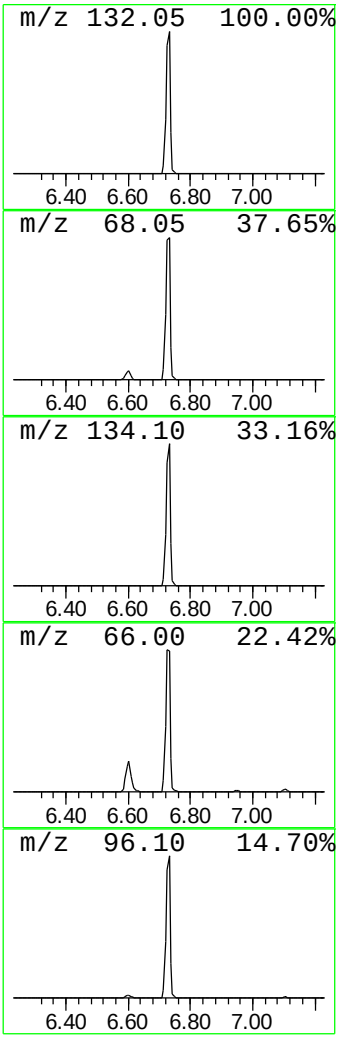
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	65.94 ng	1153410	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

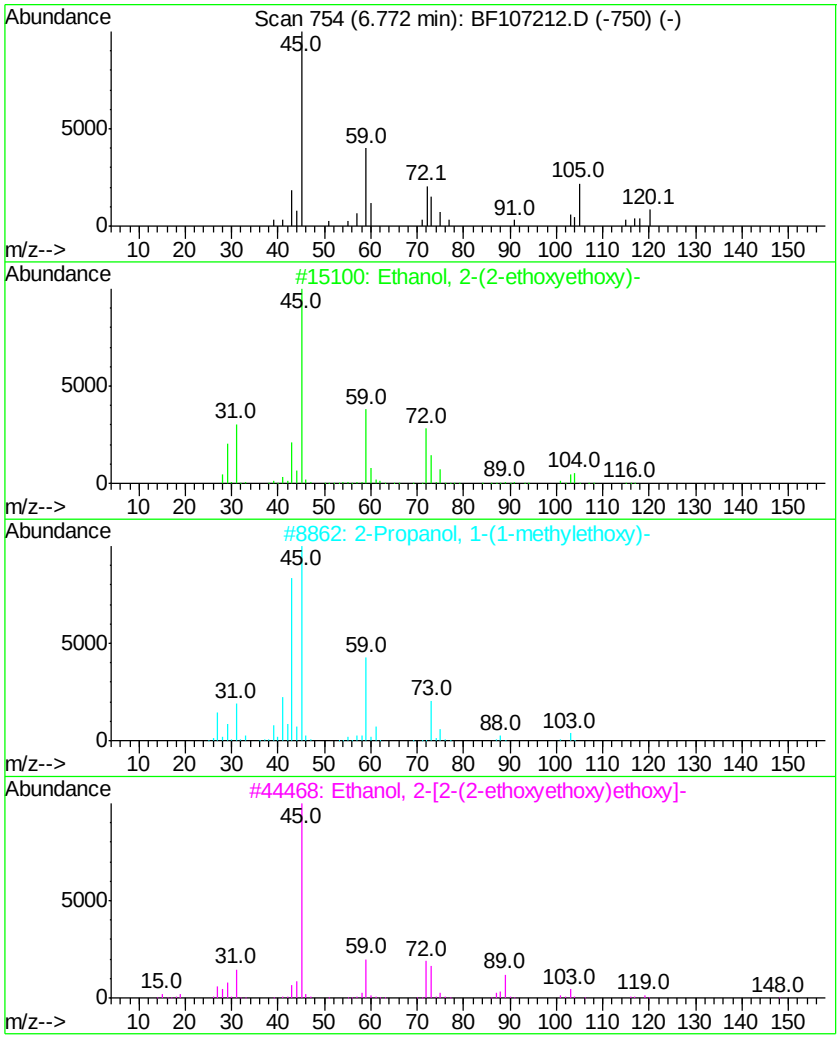
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

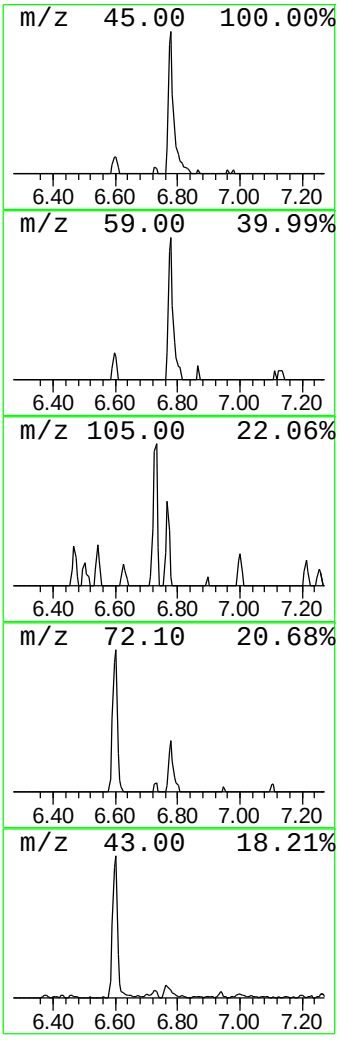
****

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	3.38 ng	59197	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	33
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	28
4	Acetic acid, (2-ethoxy)ethoxy-, ...	162	C7H14O4	016326-34-4	23
5	Acetic acid, hydroxy-, ethyl ester	104	C4H8O3	000623-50-7	9





Library Search Compound Report

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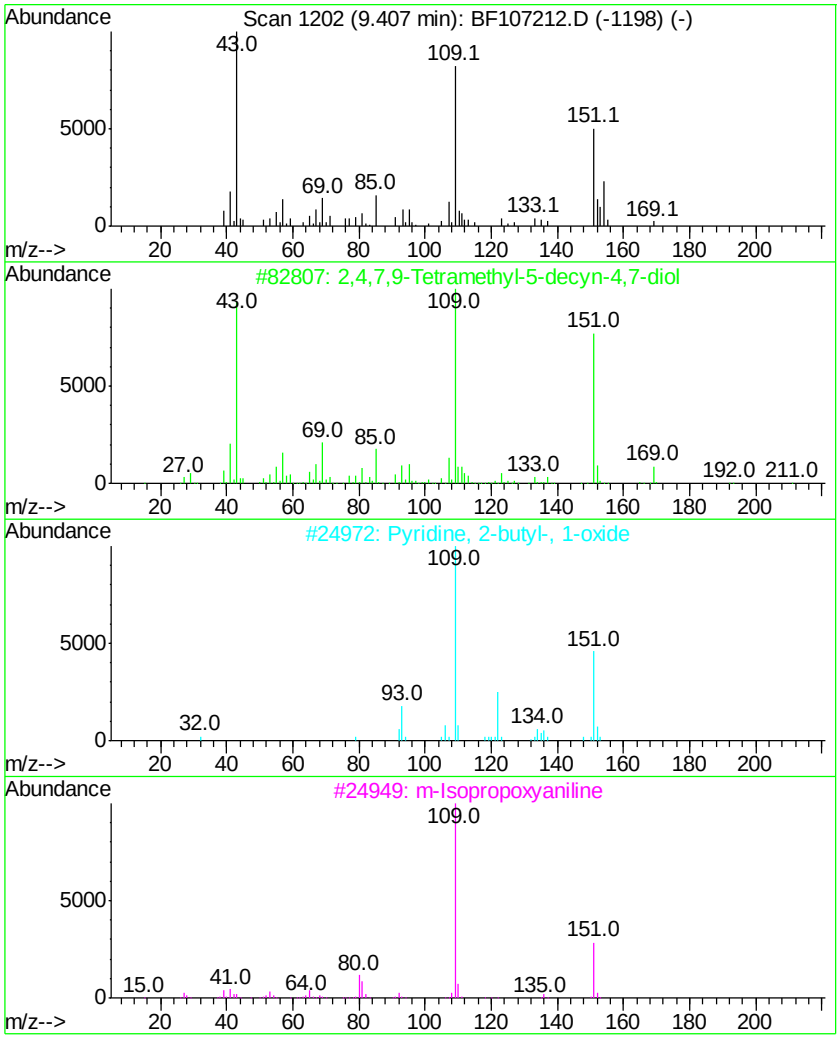
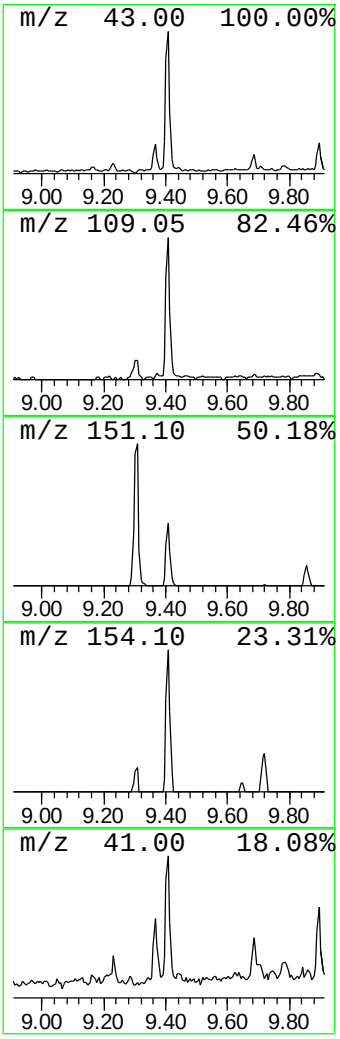
****

Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	4.87 ng	100443	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	81
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50
4	Metacetamol	151	C8H9NO2	000621-42-1	50
5	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	43





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

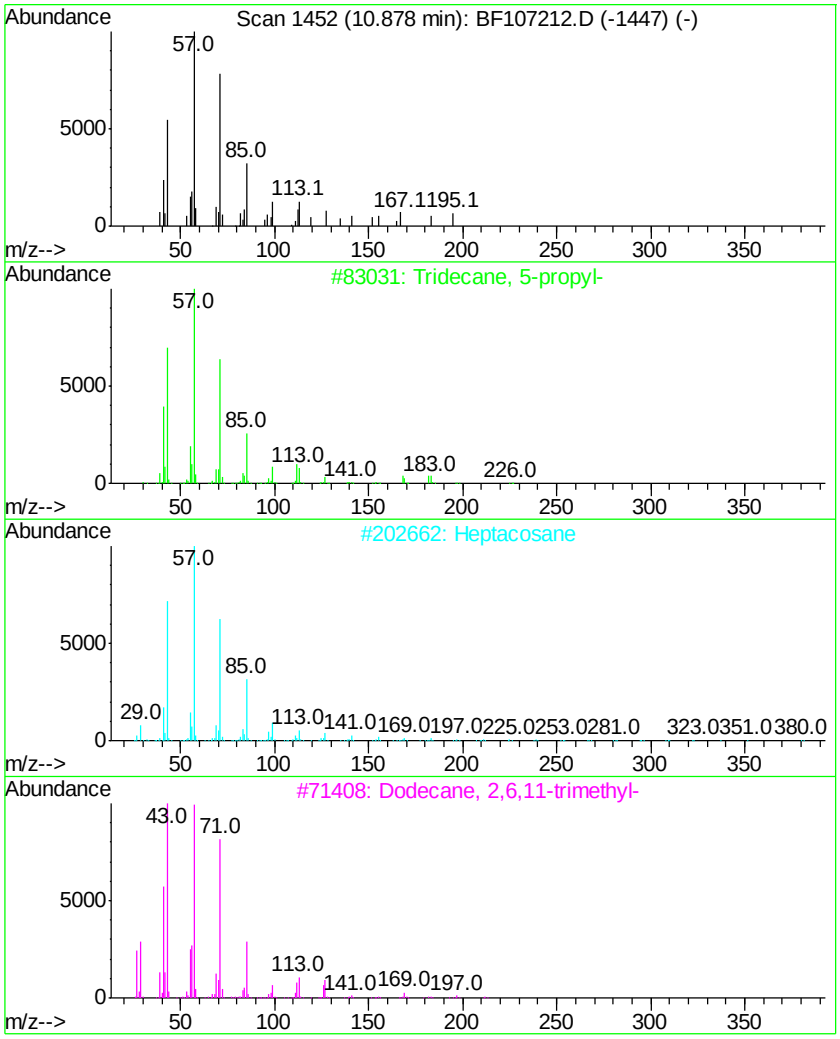
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

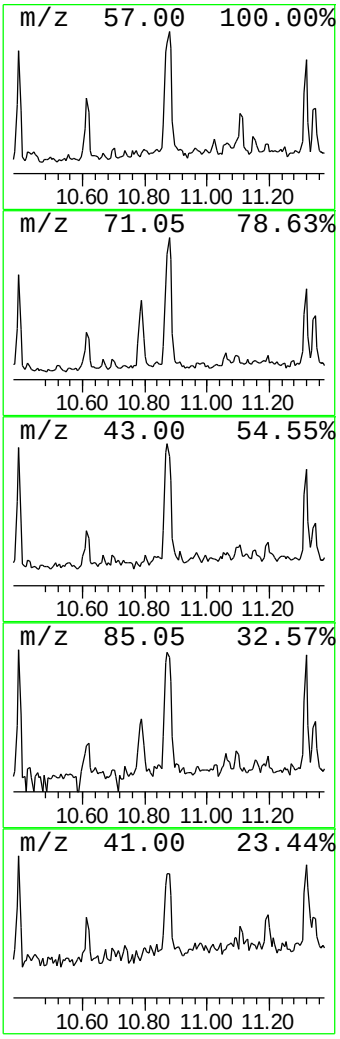
****

Peak Number 7 Tridecane, 5-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	3.33 ng	78349	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Heptacosane	380	C27H56	000593-49-7	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	59





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Misc :
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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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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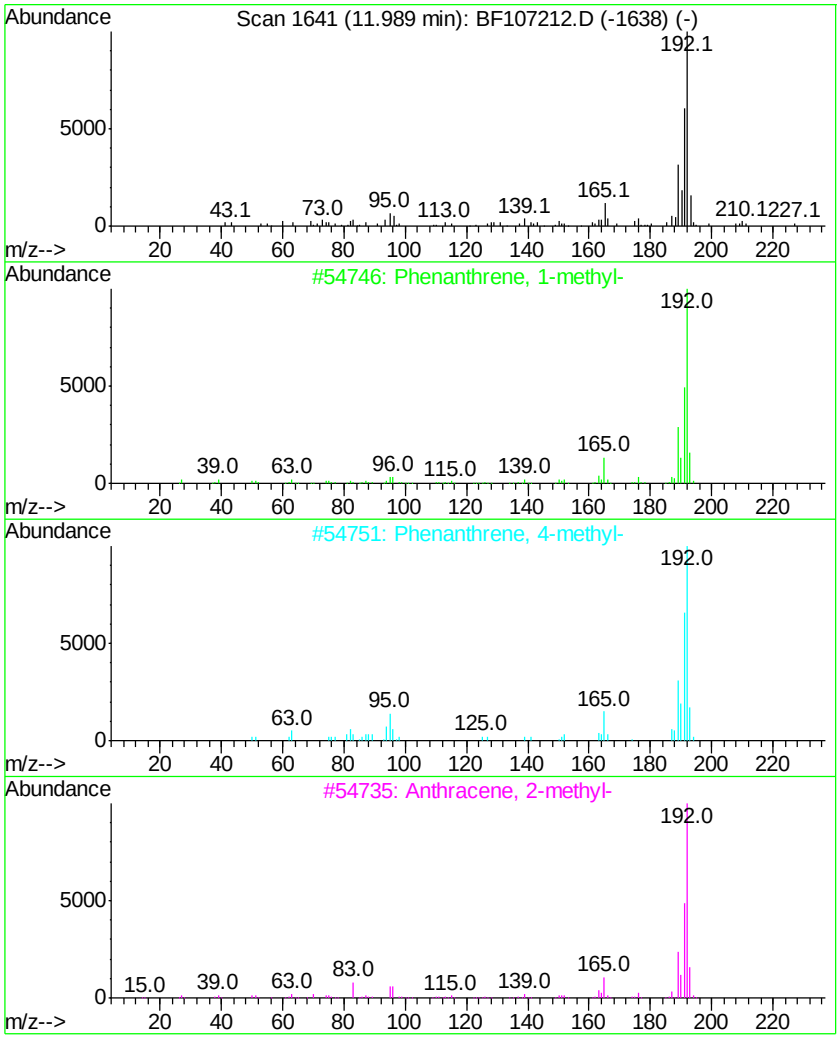
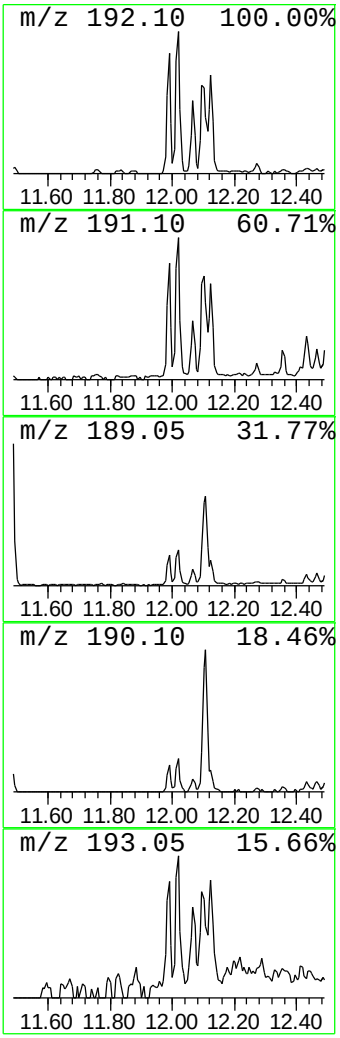
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.78 ng	65502	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Data File : BF107212.D
Acq On : 7 Jul 2018 17:46
Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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

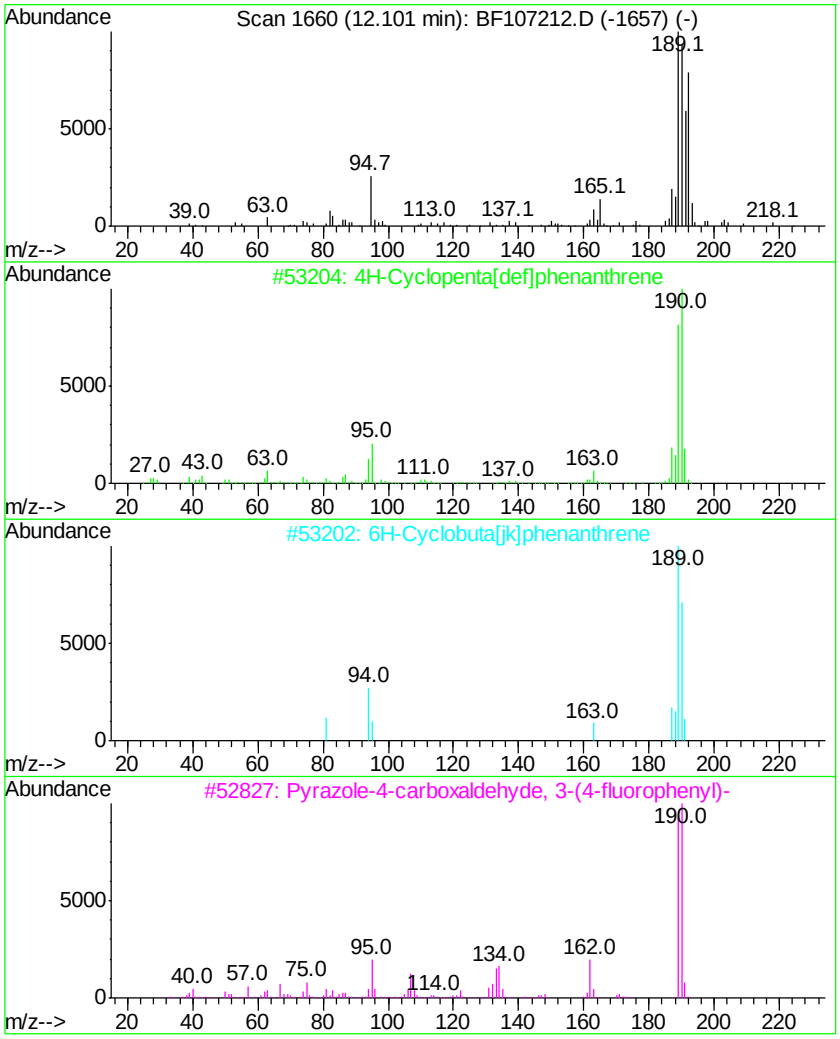
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

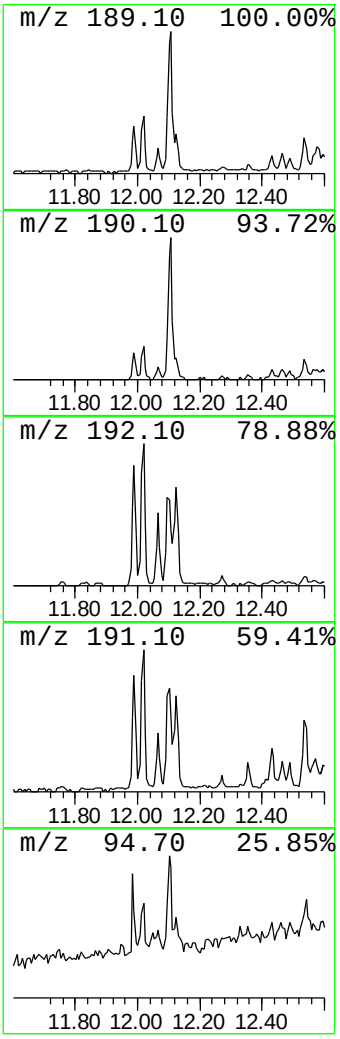
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.87 ng	114596	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38





Library Search Compound Report

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Acq On : 7 Jul 2018 17:46
Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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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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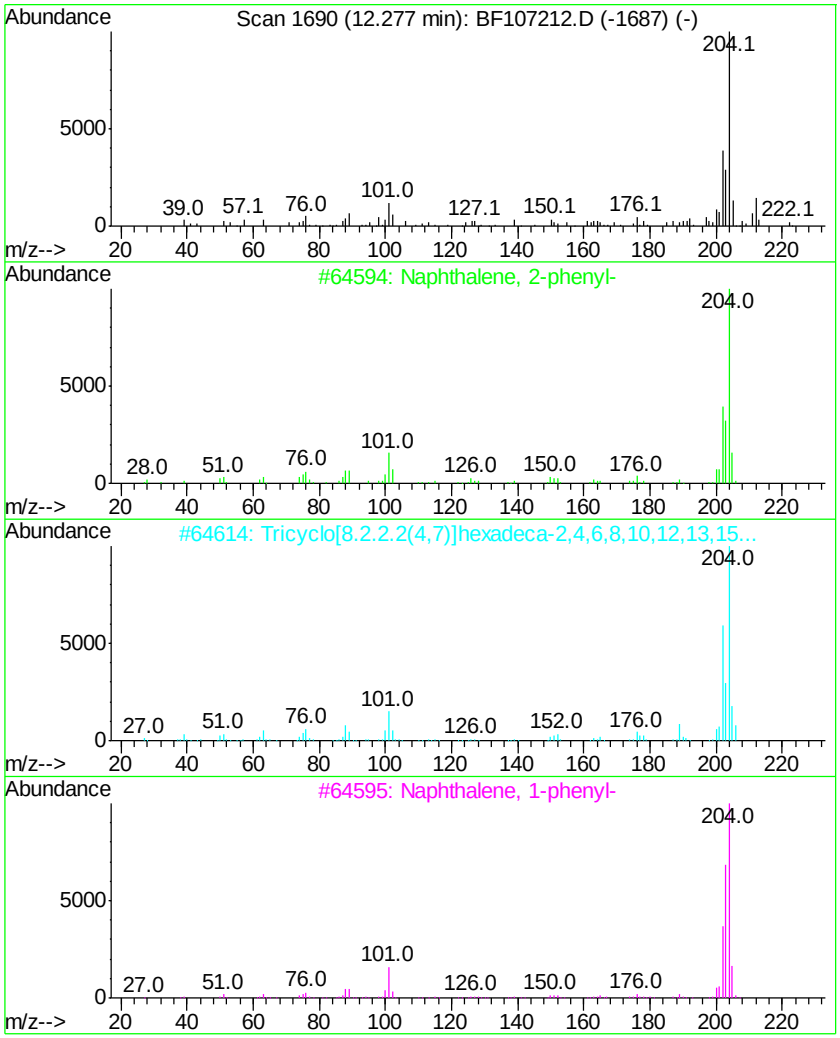
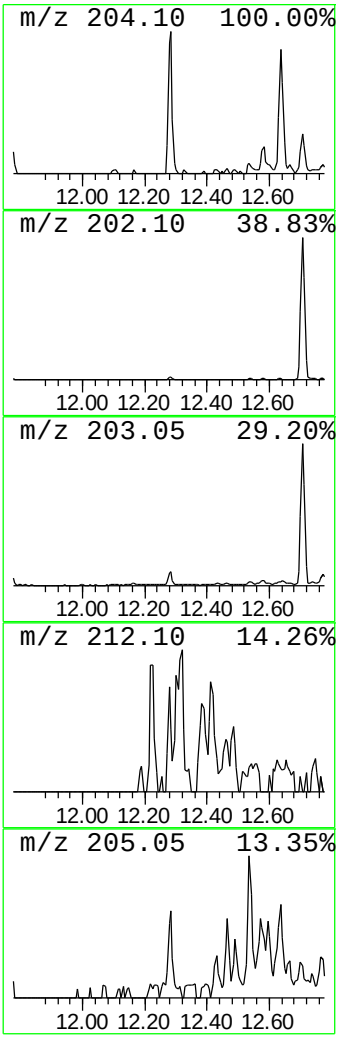
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.26 ng	53275	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55
5	Tetramisole	204	C11H12N2S	005036-02-2	47





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Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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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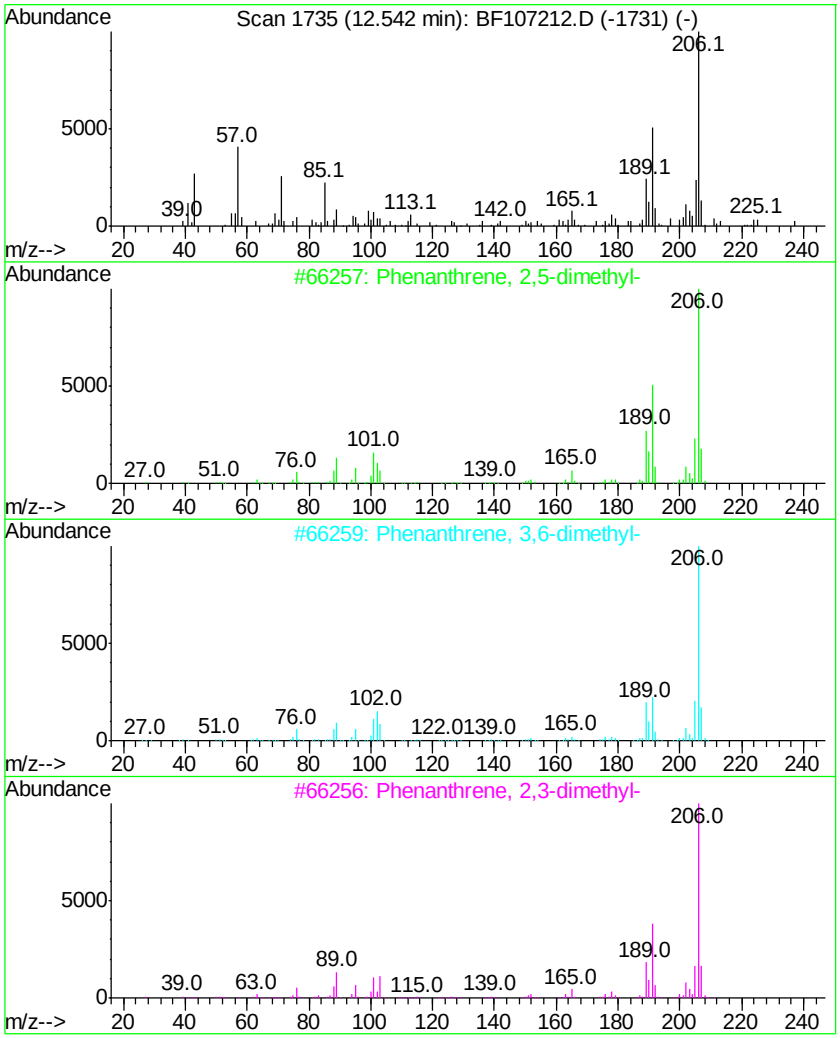
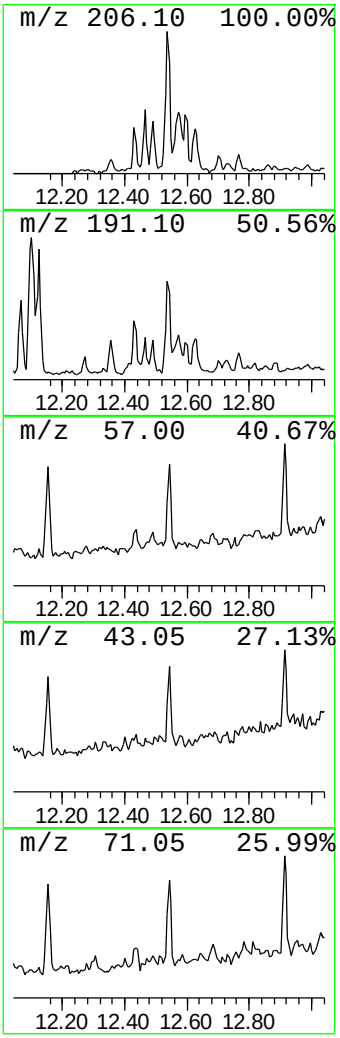
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	3.59 ng	84490	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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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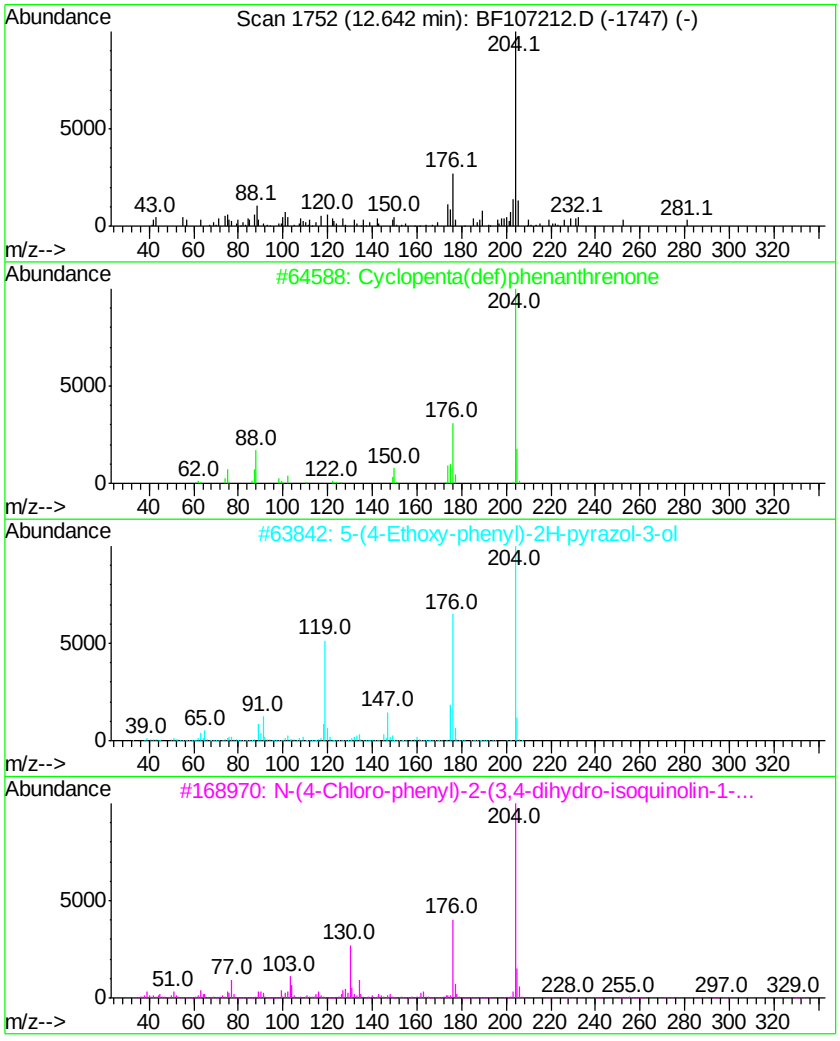
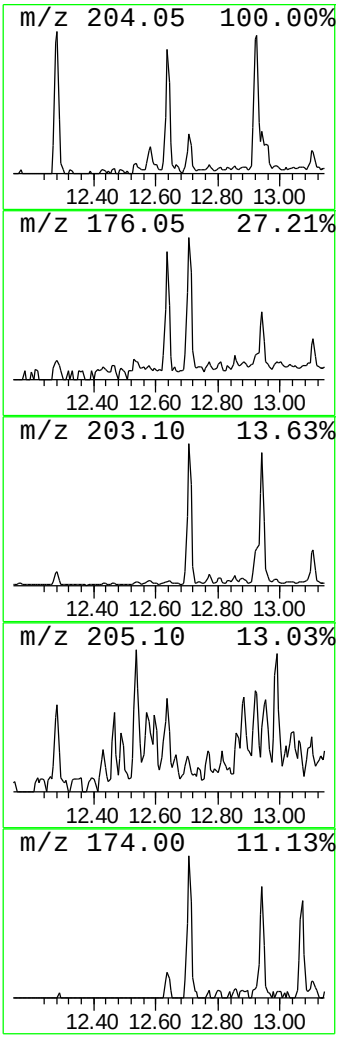
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.95 ng	69479	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
5	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	50





Library Search Compound Report

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Data File : BF107212.D
Acq On : 7 Jul 2018 17:46
Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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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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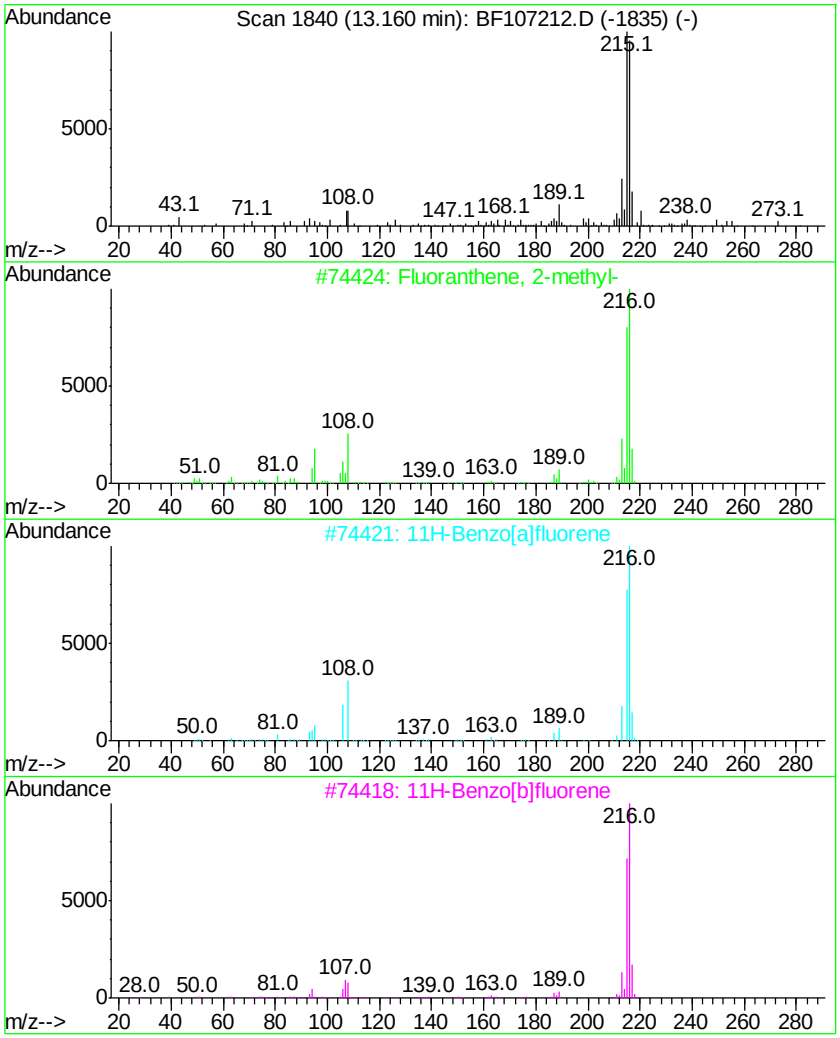
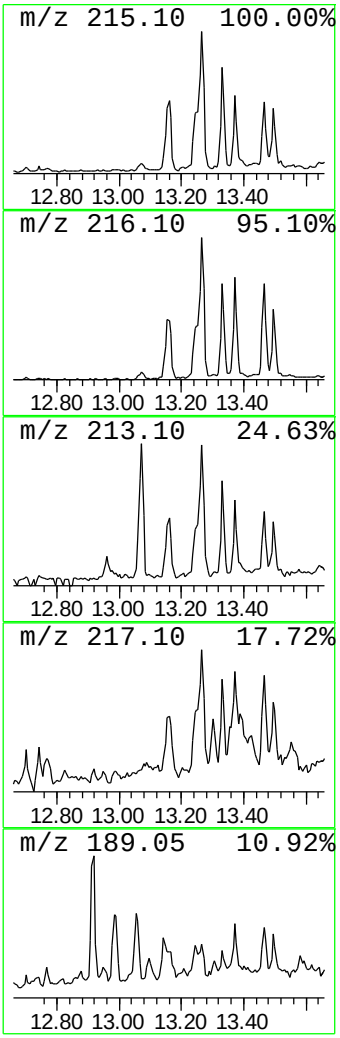
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.02 ng	98517	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Acq On : 7 Jul 2018 17:46
Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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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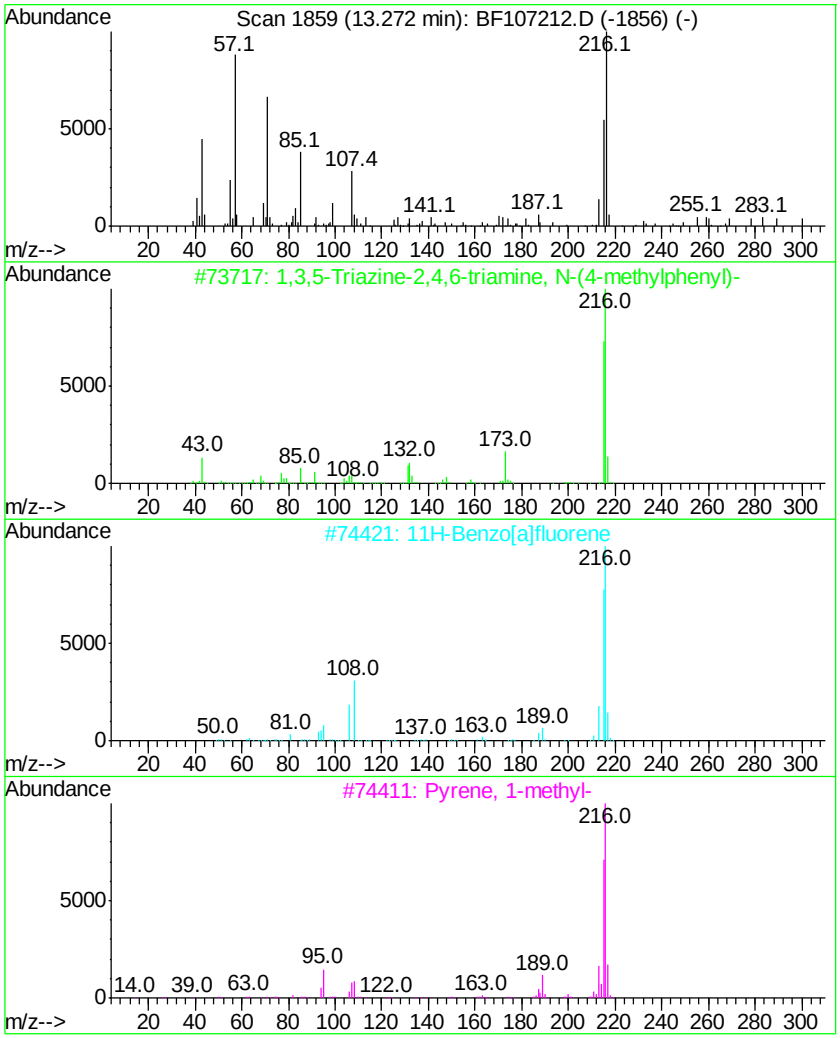
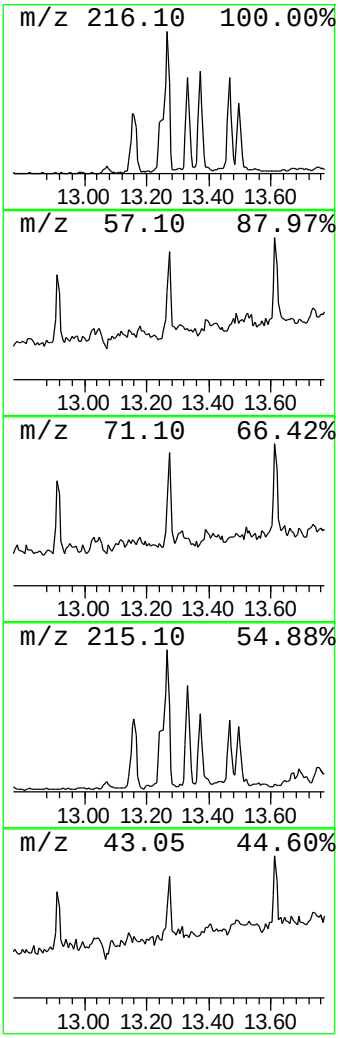
Peak Number 15 1,3,5-Triazine-2,4,6-triami... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.74 ng	89585	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	72
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	59
4	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	53
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	47





Library Search Compound Report

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Acq On : 7 Jul 2018 17:46
Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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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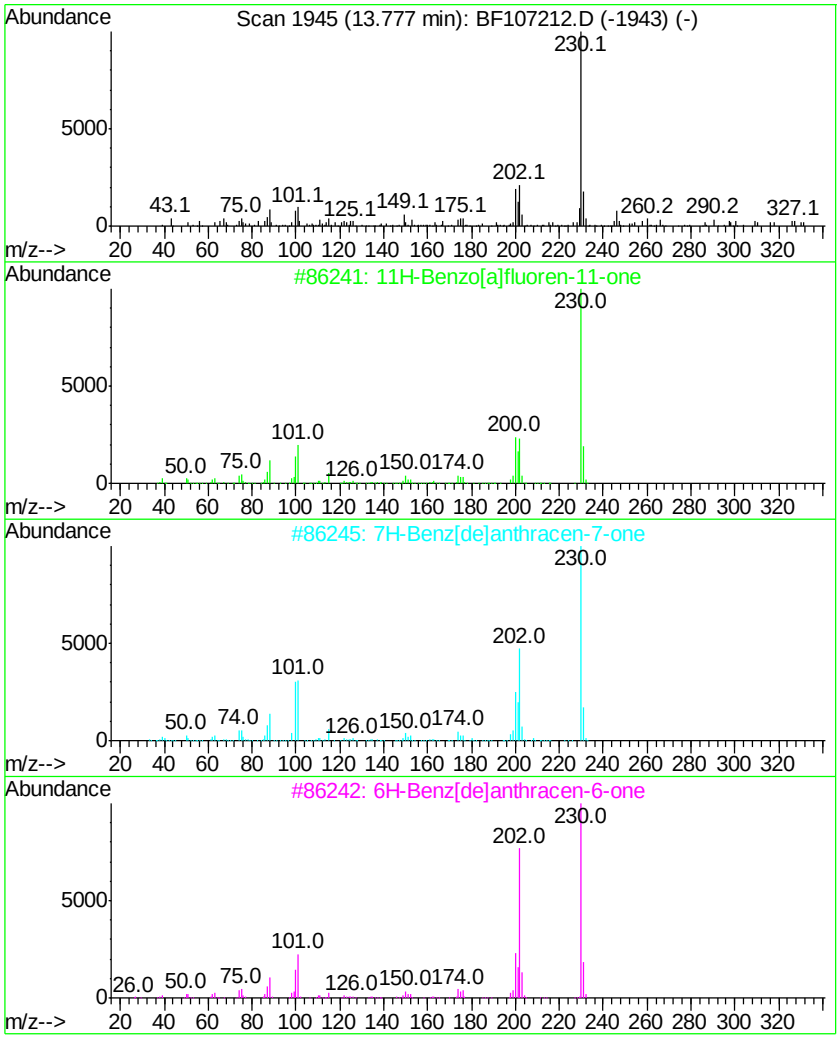
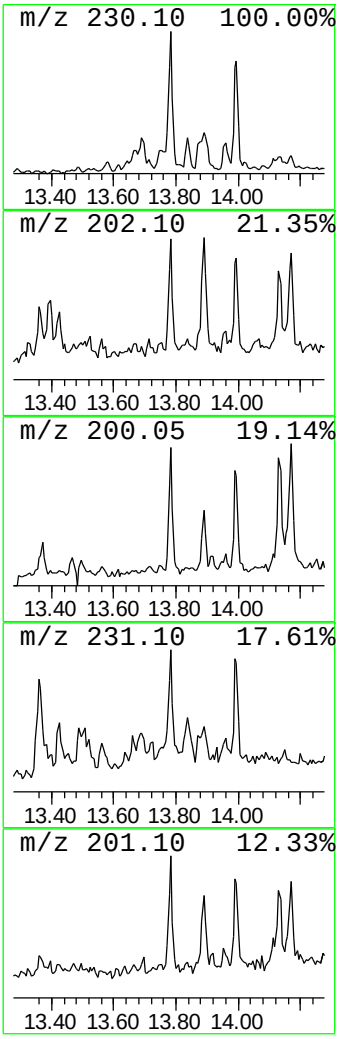
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.04 ng	66738	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
5	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	53





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Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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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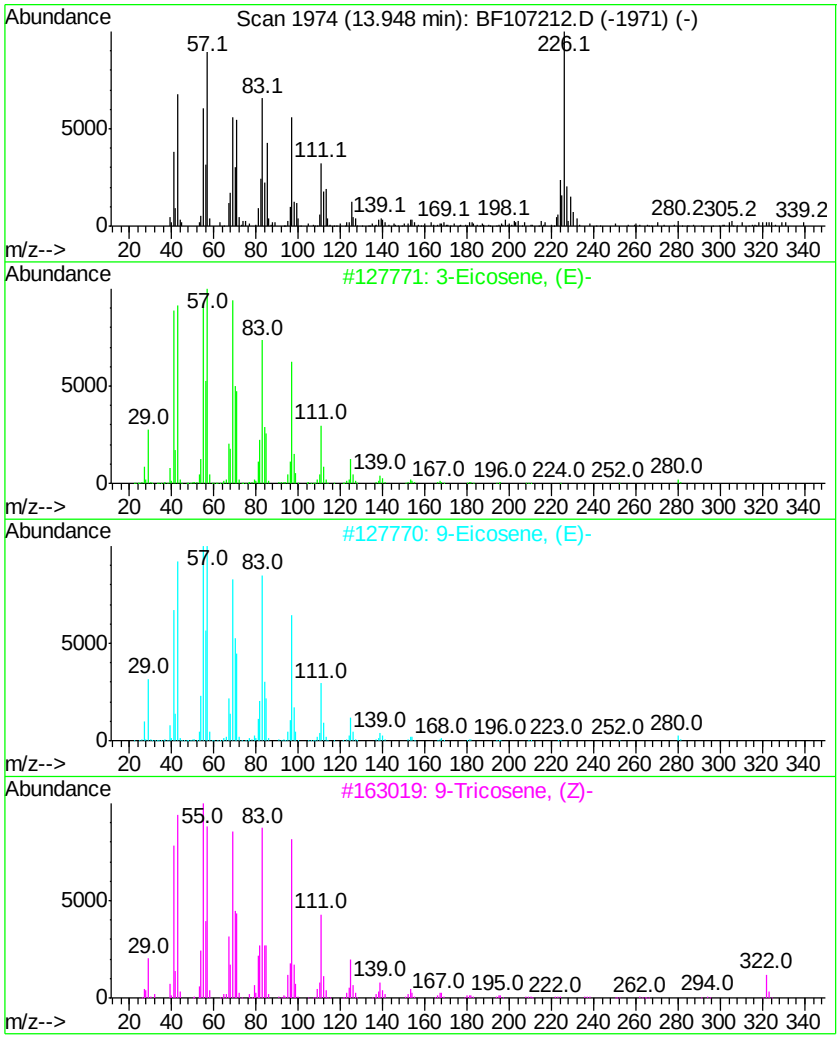
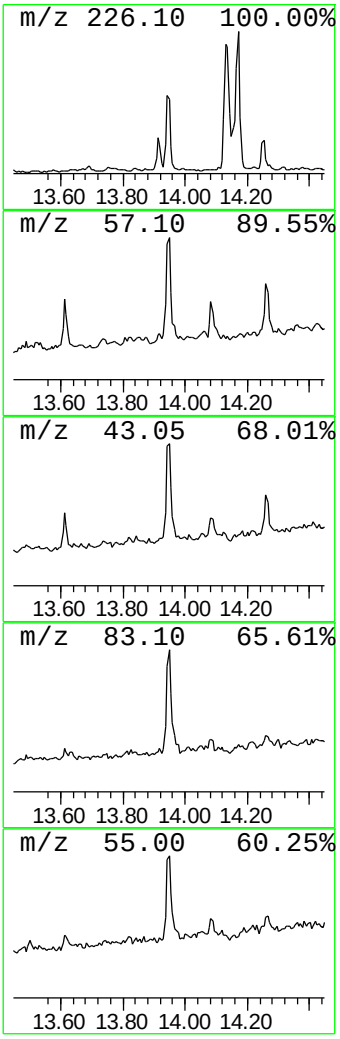
Peak Number 17 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	7.27 ng	237164	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	78
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	70
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	62
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	50
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	46





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Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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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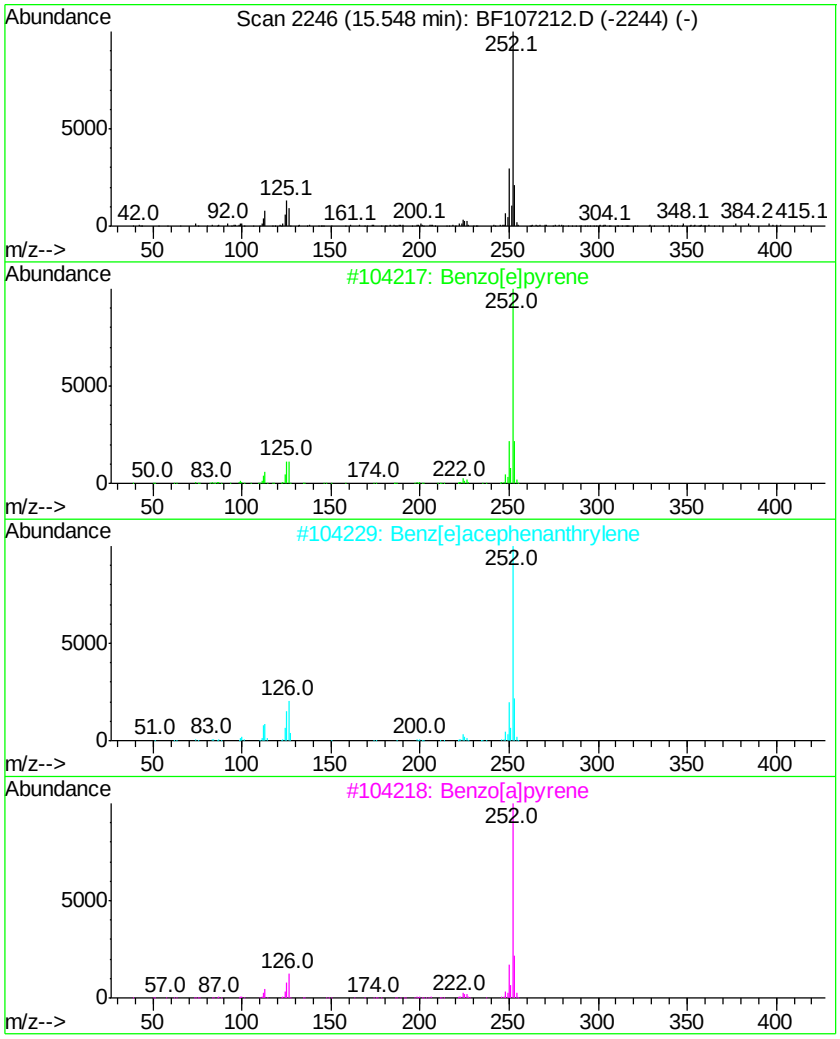
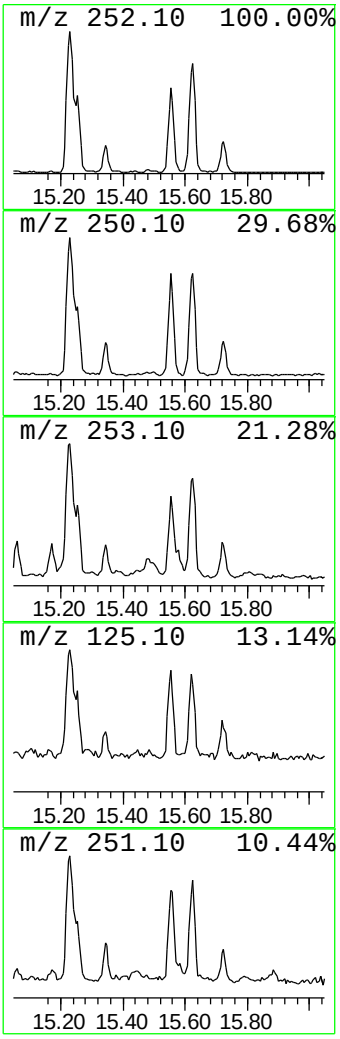
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	12.52 ng	113730	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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Data File : BF107212.D
Acq On : 7 Jul 2018 17:46
Operator : JU/SJ
Sample : J3879-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-3

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			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	9.3	ng	162982	1	6.95	349827	20.0
unknown6.73	6.73	65.9	ng	1153410	1	6.95	349827	20.0
Ethanol, 2-(2-eth...	6.77	3.4	ng	59197	1	6.95	349827	20.0
2,4,7,9-Tetrameth...	9.41	4.9	ng	100443	3	9.99	412349	20.0
Tridecane, 5-propyl-	10.88	3.3	ng	78349	4	11.49	470440	20.0
Phenanthrene, 1-m...	11.99	2.8	ng	65502	4	11.49	470440	20.0
4H-Cyclopenta[def...	12.10	4.9	ng	114596	4	11.49	470440	20.0
Naphthalene, 2-ph...	12.28	2.3	ng	53275	4	11.49	470440	20.0
Phenanthrene, 2,5...	12.54	3.6	ng	84490	4	11.49	470440	20.0
Cyclopenta(def)ph...	12.64	3.0	ng	69479	4	11.49	470440	20.0
Fluoranthene, 2-m...	13.16	3.0	ng	98517	5	14.14	652860	20.0
1,3,5-Triazine-2,...	13.27	2.7	ng	89585	5	14.14	652860	20.0
11H-Benzo[a]fluor...	13.78	2.0	ng	66738	5	14.14	652860	20.0
3-Eicosene, (E)-	13.95	7.3	ng	237164	5	14.14	652860	20.0
Benzo[e]pyrene	15.55	12.5	ng	113730	6	15.69	181747	20.0