LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104192.D
Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	2.281	28	33	41	rVB	96599	133208	5.41%	0.391%
2	5.198	523	529	539	rBV	67276	93604	3.80%	0.275%
3	5.592	592	596	624	rBV	1428647	1966625	79.83%	5.772%
4	6.592	762	766	786	rBV	1454136	2164290	87.85%	6.352%
5	6.734	786	790	815	rVB	1733186	2302227	93.45%	6.757%
6	6.957	825	828	847	rBV	347870	540442	21.94%	1.586%
7	7.110	851	854	877	rVB	1505510	1654241	67.15%	4.855%
8	7.522	921	924	947	rBV	825451	1380682	56.04%	4.052%
9	7.669	947	949	952	rVB	24942	24788	1.01%	0.073%
10	8.239	1042	1046	1068	rBV	634815	901948	36.61%	2.647%
11	9.310	1224	1228	1237	rBV	2192891	2280136	92.55%	6.692%
12	9.375	1237	1239	1244	rVV	72534	98811	4.01%	0.290%
13	9.416	1244	1246	1254	rVB3	22029	36714	1.49%	0.108%
14	9.704	1289	1295	1301	rBV	192581	234391	9.51%	0.688%
15	9.904	1325	1329	1333	rBV	99215	77549	3.15%	0.228%
16	9.998	1341	1345	1348	rBV	946339	922499	37.45%	2.708%
17	10.027	1348	1350	1360	rVB	160880	180144	7.31%	0.529%
18	10.222	1375	1383	1388	rBV5	33530	87207	3.54%	0.256%
19	10.404	1411	1414	1417	rVB	122088	91132	3.70%	0.267%
20	10.551	1434	1439	1445	rBV	70982	95589	3.88%	0.281%
21	10.622	1447	1451	1458	rVB3	39982	65485	2.66%	0.192%
22	10.704	1463	1465	1470	rVB	30282	33491	1.36%	0.098%
23	10.792	1476	1480	1492	rBV	1381836	1705393	69.22%	5.006%
24	10.874	1492	1494	1506	rVB2	112035	183848	7.46%	0.540%
25	11.033	1517	1521	1525	rVB	29755	28690	1.16%	0.084%
26	11.327	1568	1571	1573	rBV	54575	47316	1.92%	0.139%
27	11.351	1573	1575	1579	rVB2	28935	31915	1.30%	0.094%
28	11.392	1579	1582	1589	rVB	46698	61037	2.48%	0.179%
29	11.492	1596	1599	1601	rBV	793560	832148	33.78%	2.442%
30	11.521	1601	1604	1610	rVV	990807	1265458	51.37%	3.714%
31	11.574	1610	1613	1628	rVB	190567	357527	14.51%	1.049%
32	11.751	1638	1643	1646	rBV2	49855	94042	3.82%	0.276%
33	11.998	1681	1685	1687	rBV	115686	128720	5.22%	0.378%
34	12.027	1687	1690	1695	rVB2	109577	140764	5.71%	0.413%

LSC Area Percent Report

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Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.074	1695	1698	1701	rBV	26486	28561	1.16%	0.084%
36	12.110	1701	1704	1706	rBV2	173850	182327	7.40%	0.535%
37	12.292	1731	1735	1738	rBV	72951	88003	3.57%	0.258%
38	12.327	1739	1741	1745	rVB	33085	37155	1.51%	0.109%
39	12.439	1758	1760	1763	rBV3	30729	28924	1.17%	0.085%
40	12.498	1768	1770	1775	rVB4	21116	28087	1.14%	0.082%
41	12.545	1775	1778	1781	rBV2	58823	74086	3.01%	0.217%
42	12.639	1791	1794	1798	rBV3	26313	34783	1.41%	0.102%
43	12.716	1803	1807	1816	rBV	1781511	1880929	76.35%	5.521%
44	12.868	1830	1833	1839	rVB	50914	74113	3.01%	0.218%
45	12.945	1839	1846	1852	rBV	1366973	1882315	76.40%	5.525%
46	13.080	1864	1869	1879	rBV	2126872	2463603	100.00%	7.231%
47	13.163	1879	1883	1887	rVB2	62114	108889	4.42%	0.320%
48	13.274	1894	1902	1910	rBV2	179353	321746	13.06%	0.944%
49	13.339	1910	1913	1916	rBV	143265	149912	6.09%	0.440%
50	13.380	1916	1920	1921	rBV2	52166	57704	2.34%	0.169%
51	13.474	1933	1936	1938	rBV	50949	58826	2.39%	0.173%
52	13.504	1938	1941	1946	rVV2	50065	69728	2.83%	0.205%
53	13.786	1987	1989	1993	rBV	35370	38150	1.55%	0.112%
54	13.898	2005	2008	2010	rBV	79004	85301	3.46%	0.250%
55	13.921	2010	2012	2014	rVV	97768	87532	3.55%	0.257%
56	13.951	2014	2017	2023	rVB2	250216	298430	12.11%	0.876%
57	14.151	2043	2051	2053	rBV2	980092	1572717	63.84%	4.616%
58	14.174	2053	2055	2063	rVV	620913	785653	31.89%	2.306%
59	14.257	2066	2069	2074	rVV	121604	143200	5.81%	0.420%
60	14.639	2132	2134	2137	rBV2	36018	32562	1.32%	0.096%
61	14.892	2174	2177	2181	rVB2	90797	105006	4.26%	0.308%
62	15.062	2203	2206	2210	rBV3	36629	41225	1.67%	0.121%
63	15.233	2230	2235	2251	rVB	371847	954549	38.75%	2.802%
64	15.345	2251	2254	2259	rVB	64797	79187	3.21%	0.232%
65	15.557	2286	2290	2297	rBV	185269	263613	10.70%	0.774%
66	15.627	2297	2302	2308	rBV	268723	441741	17.93%	1.297%
67	15.692	2308	2313	2317	rBV	312701	455820	18.50%	1.338%
68	16.645	2471	2475	2479	rBV6	18440	34756	1.41%	0.102%
69	17.280	2576	2583	2594	rBV2	128408	330344	13.41%	0.970%
70	17.474	2612	2616	2622	rBV5	23481	48388	1.96%	0.142%
71	17.533	2624	2626	2634	rVB7	17879	35208	1.43%	0.103%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.762	2659	2665	2683	rVB	106289	313664	12.73%	0.921%
73	18.027	2706	2710	2723	rVB2	33385	111404	4.52%	0.327%

Sum of corrected areas: 34070202

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
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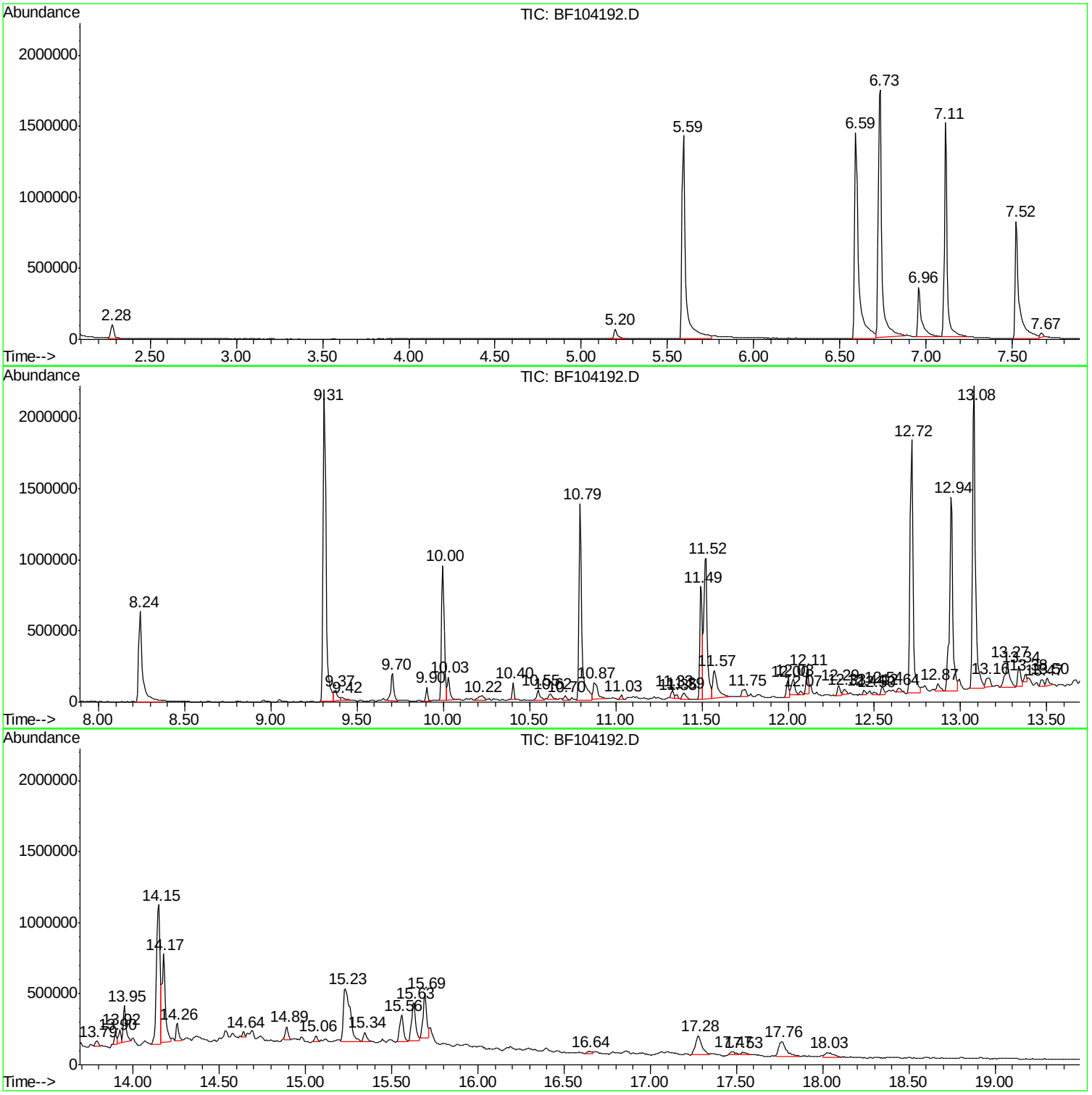
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104192.D
Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

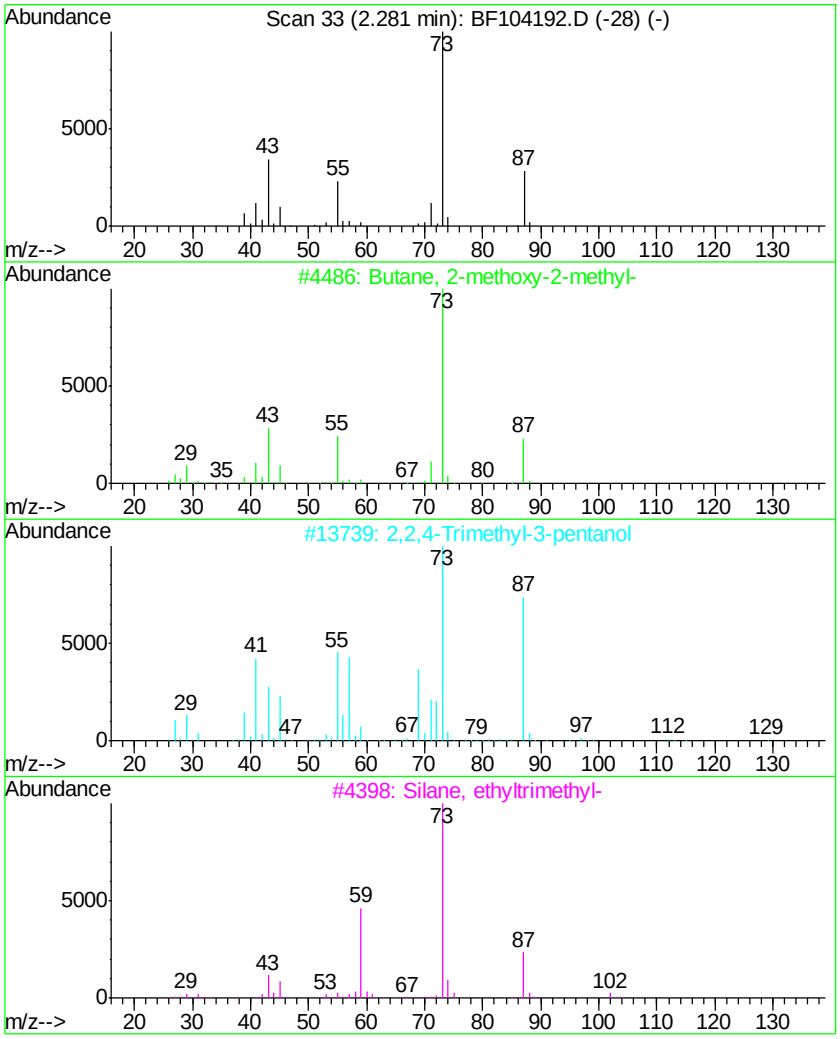
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

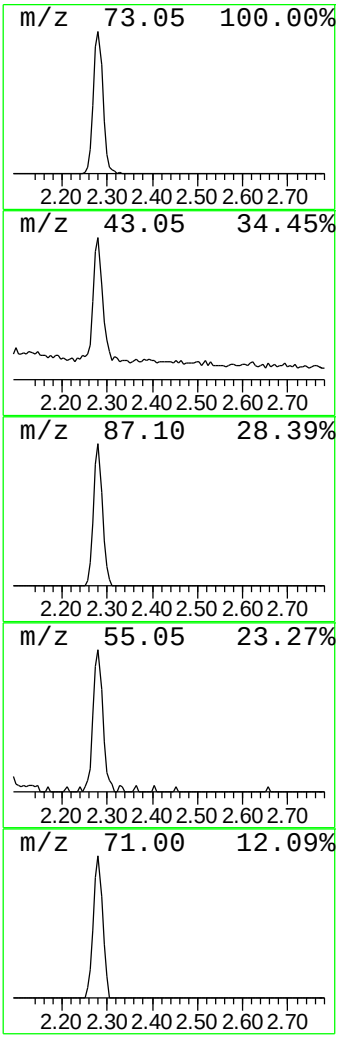
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	4.93 ng	133208	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
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Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

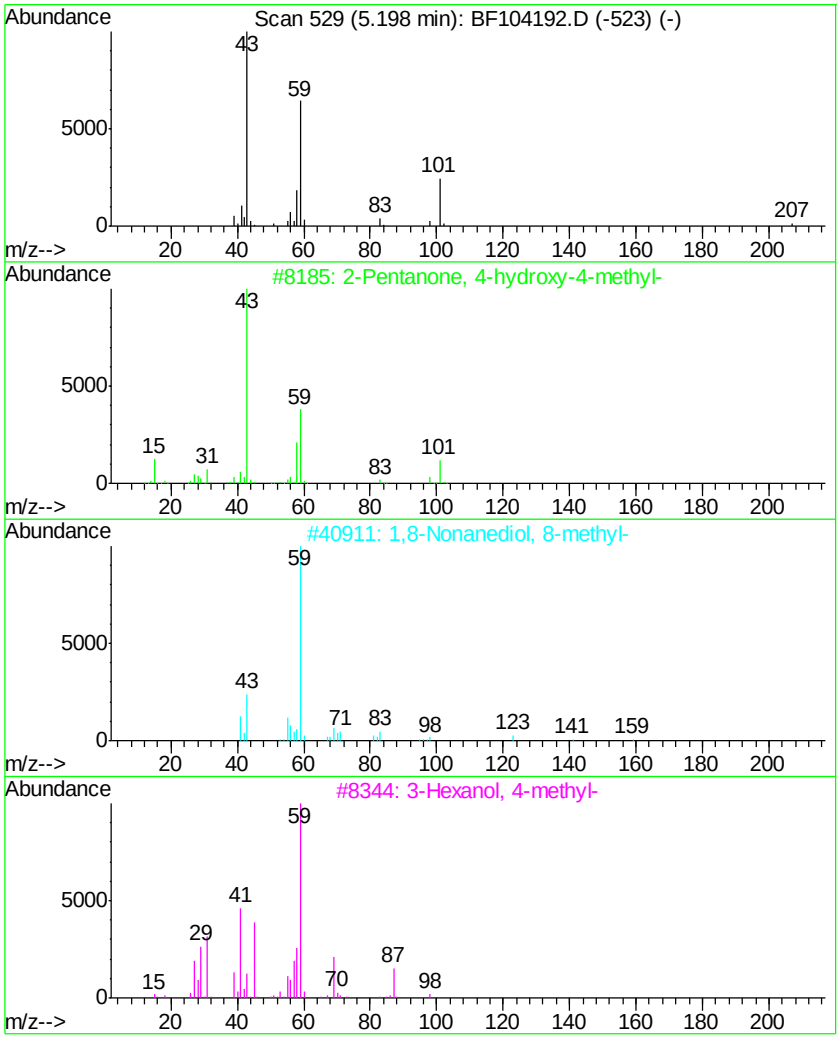
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

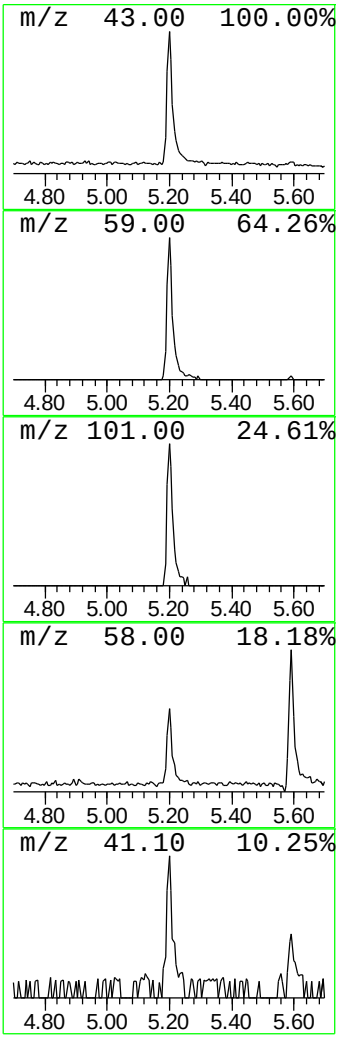
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.46 ng	93604	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104192.D
Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

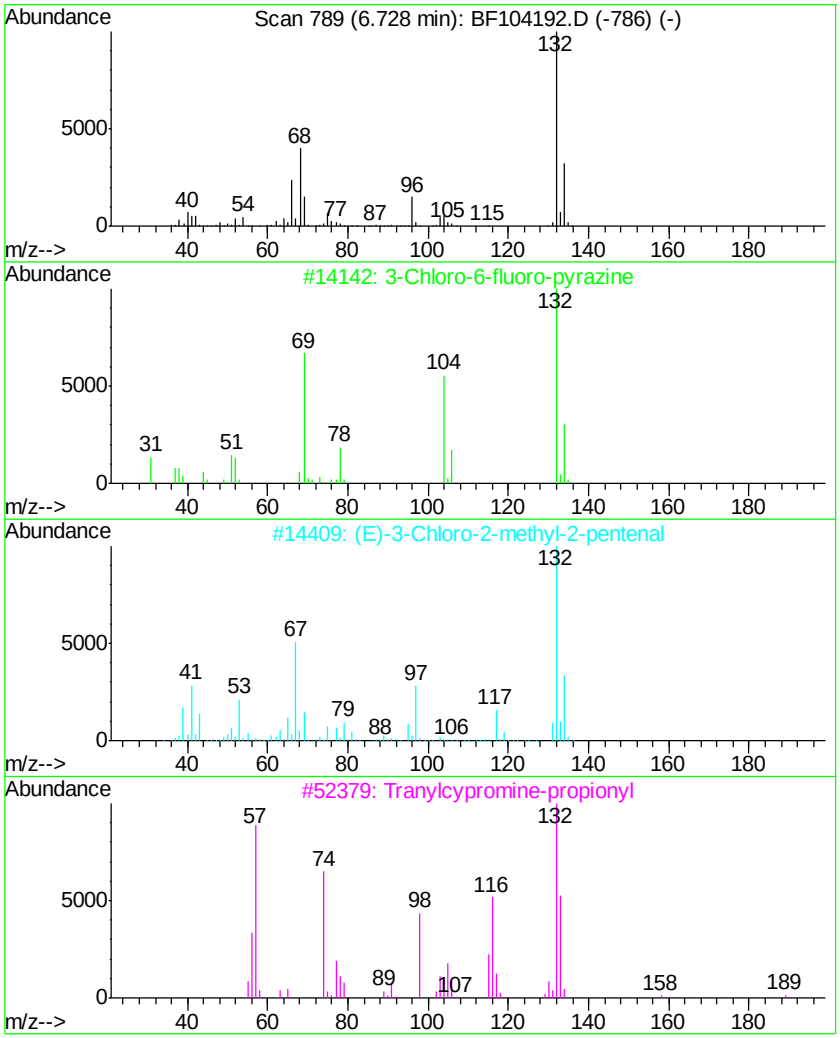
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

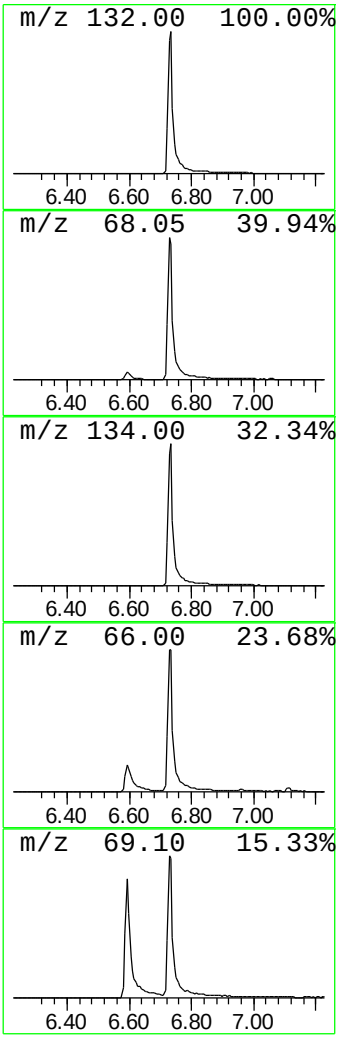
****

Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	85.20 ng	2302230	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

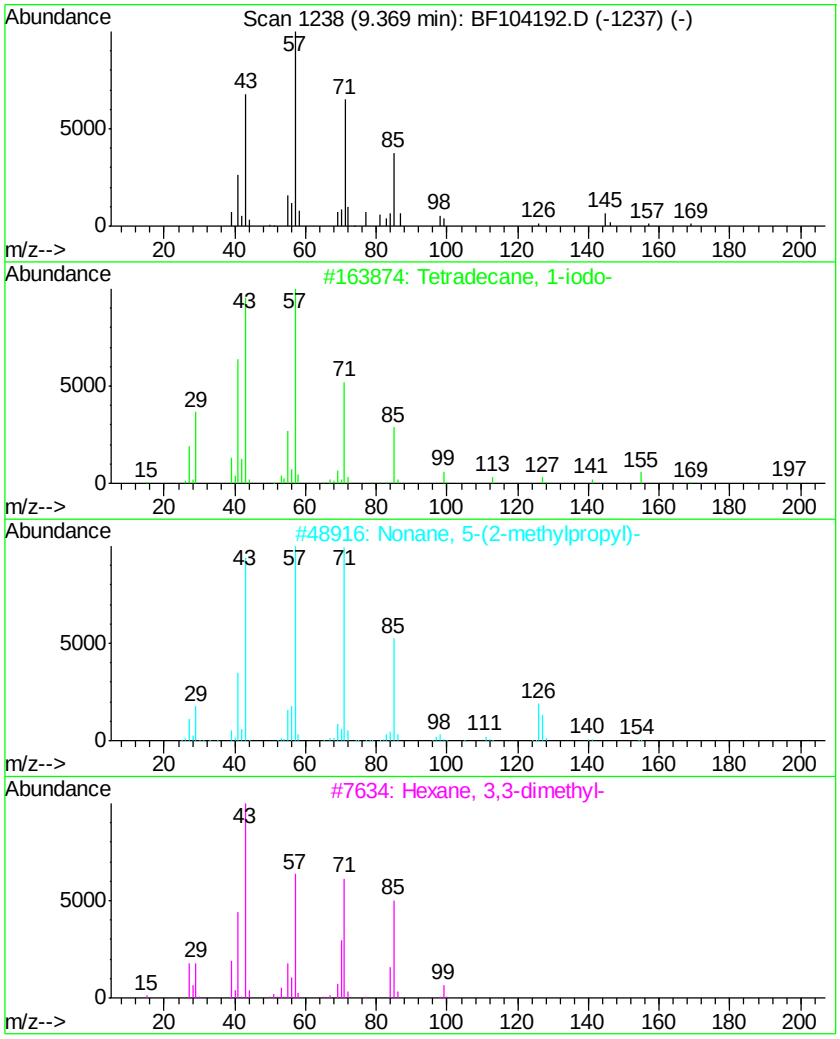
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

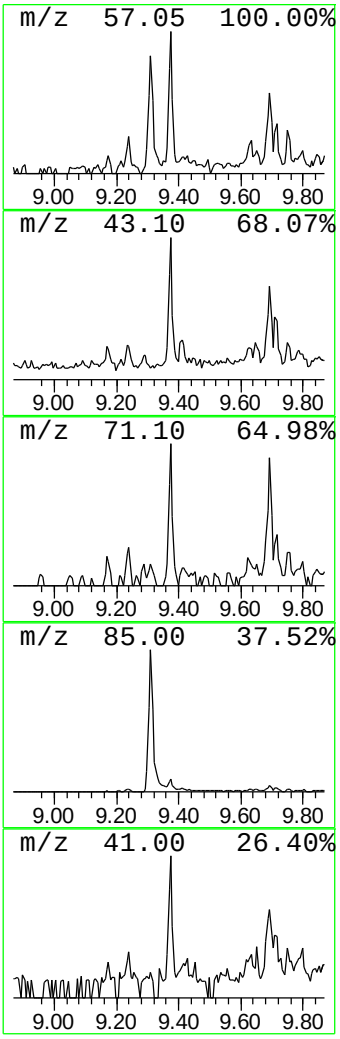
****

Peak Number 5 Tetradecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.14 ng	98811	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
5	Eicosane	282	C20H42	000112-95-8	59





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Acq On : 3 Apr 2018 21:04
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Sample : J2182-18
Misc :
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Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

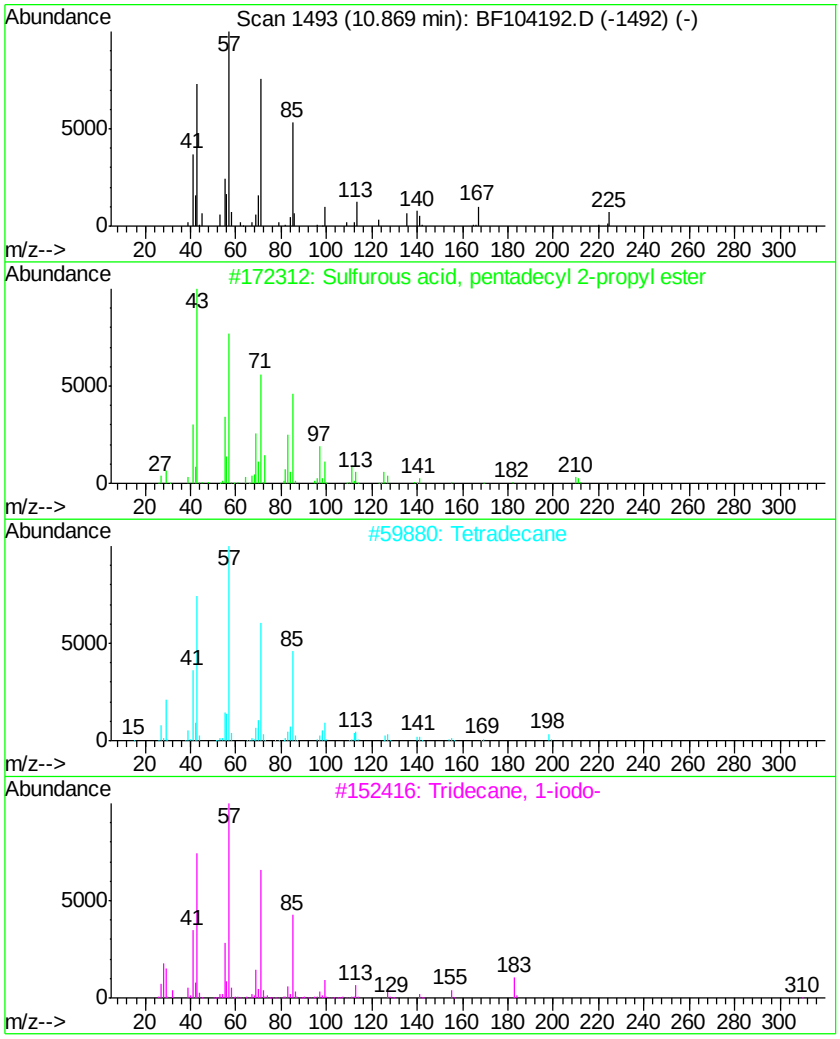
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

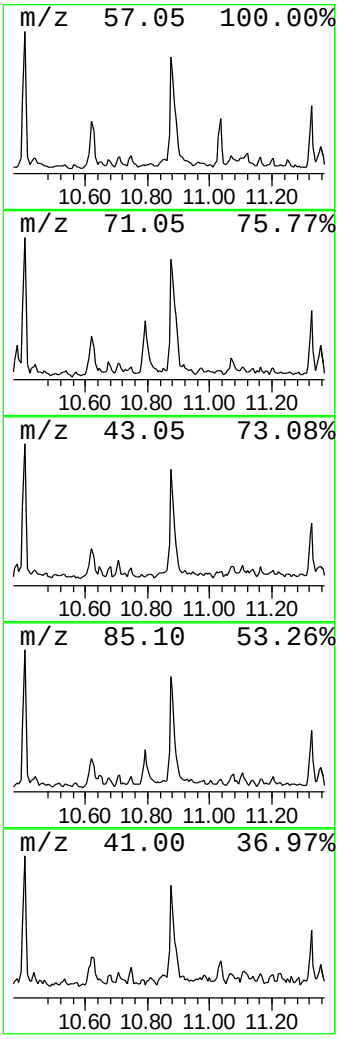
****

Peak Number 6 Sulfurous acid, pentadecyl ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	4.42 ng	183848	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80





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Data File : BF104192.D
Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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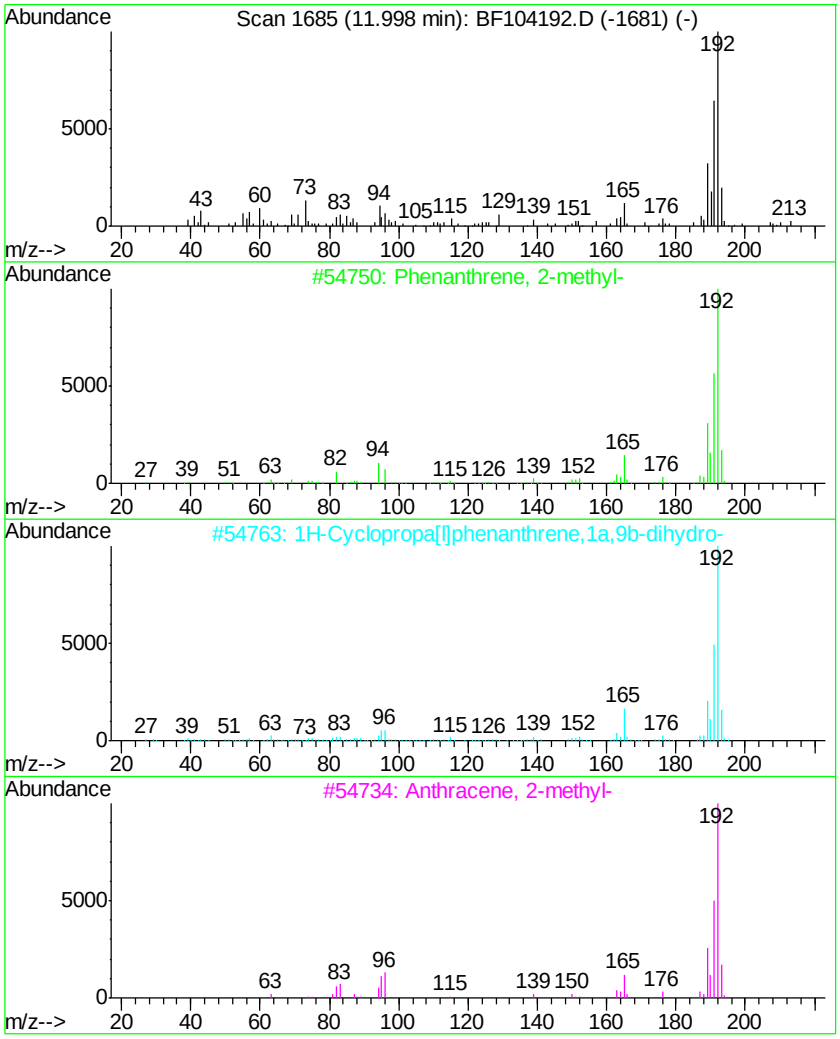
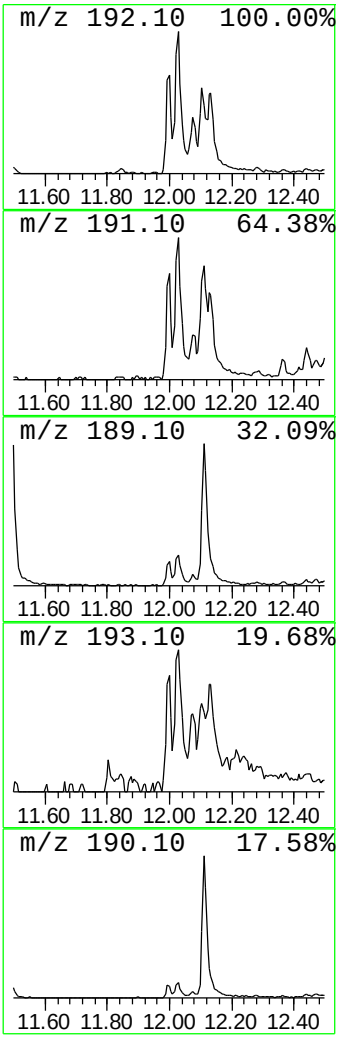
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.09 ng	128720	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104192.D
Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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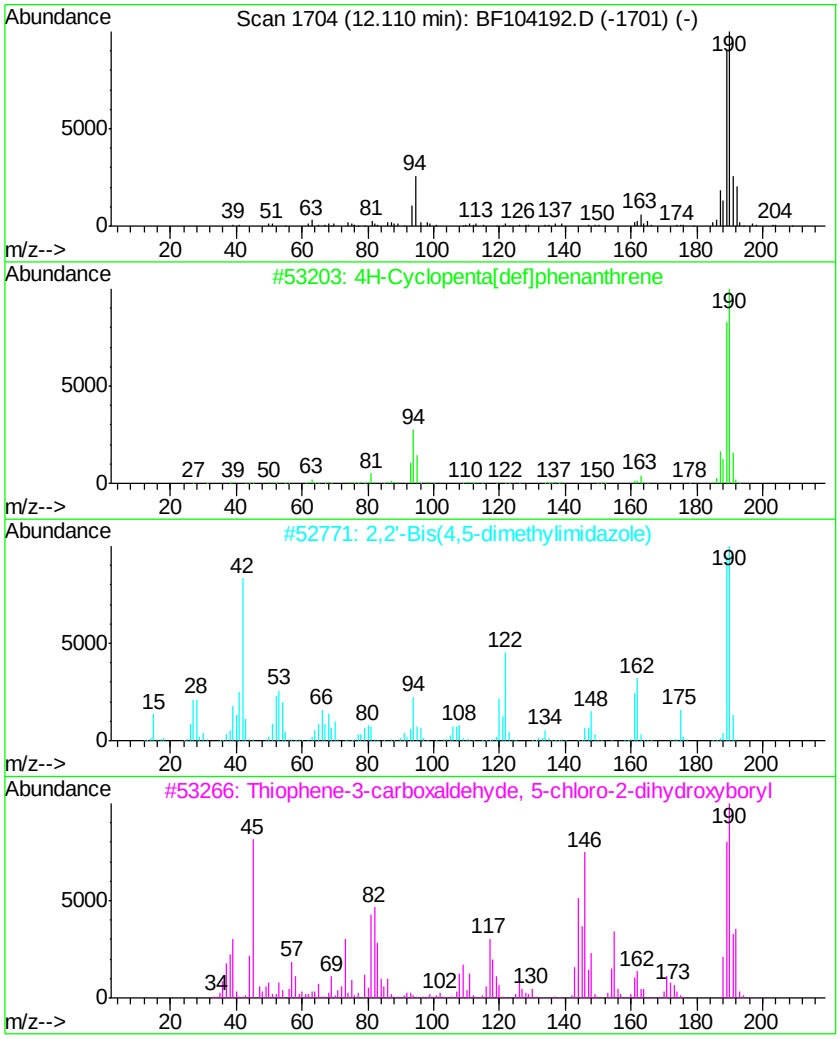
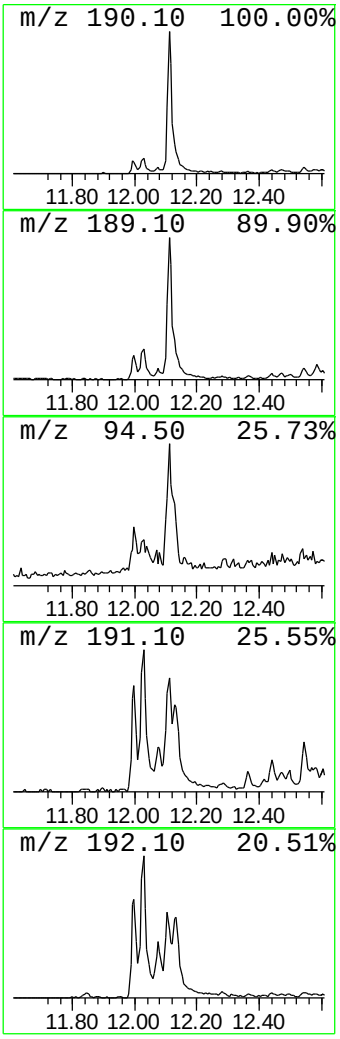
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.38 ng	182327	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
4	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Data File : BF104192.D
Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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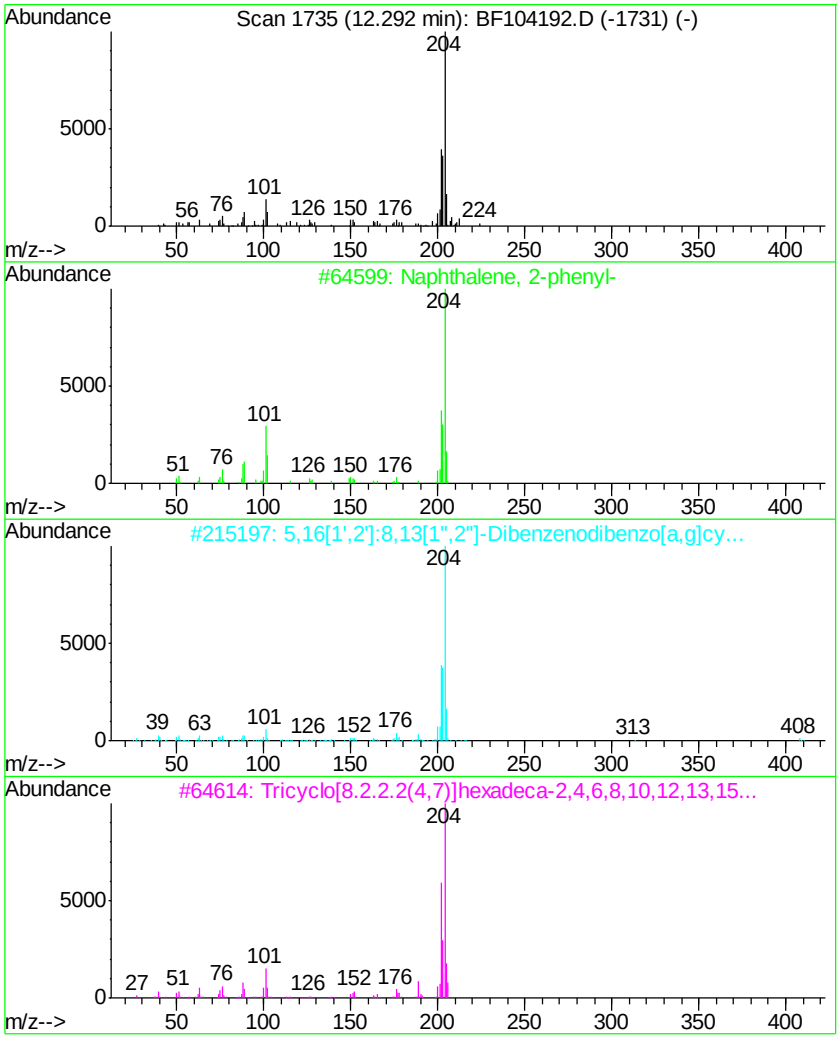
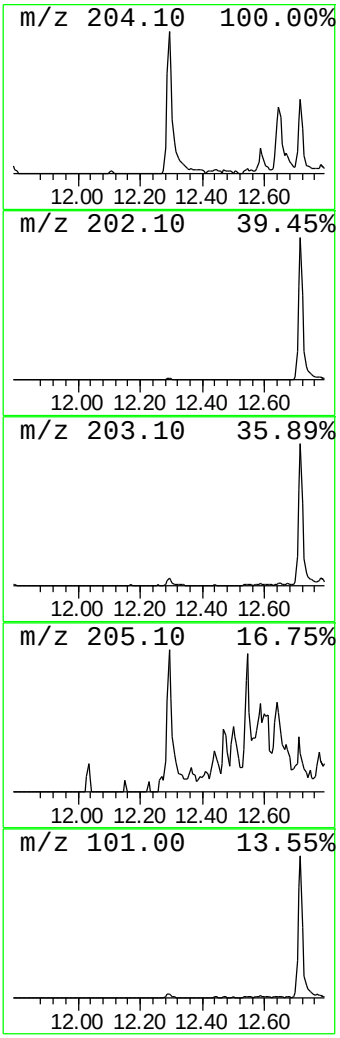
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.12 ng	88003	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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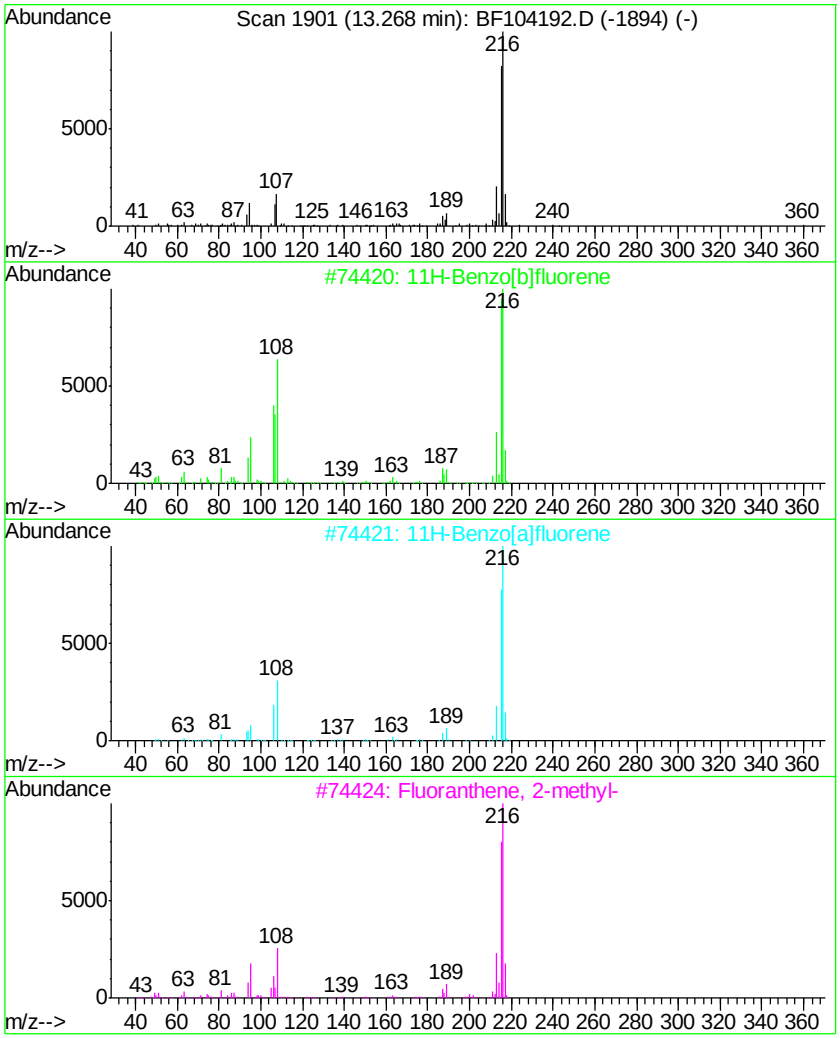
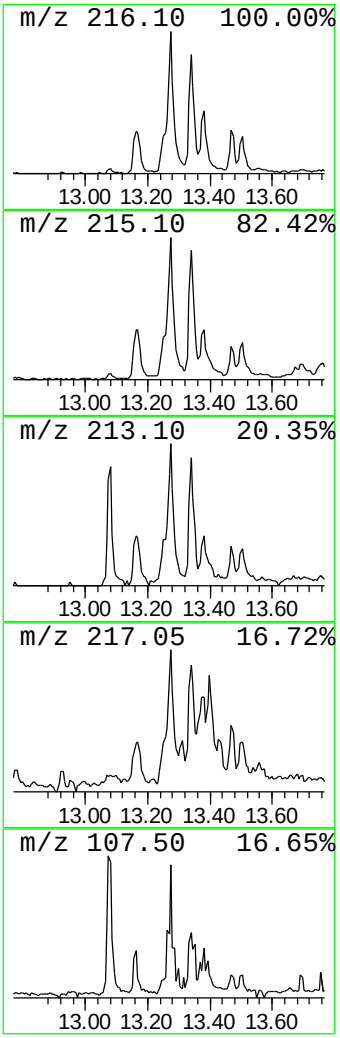
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.09 ng	321746	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Data File : BF104192.D
Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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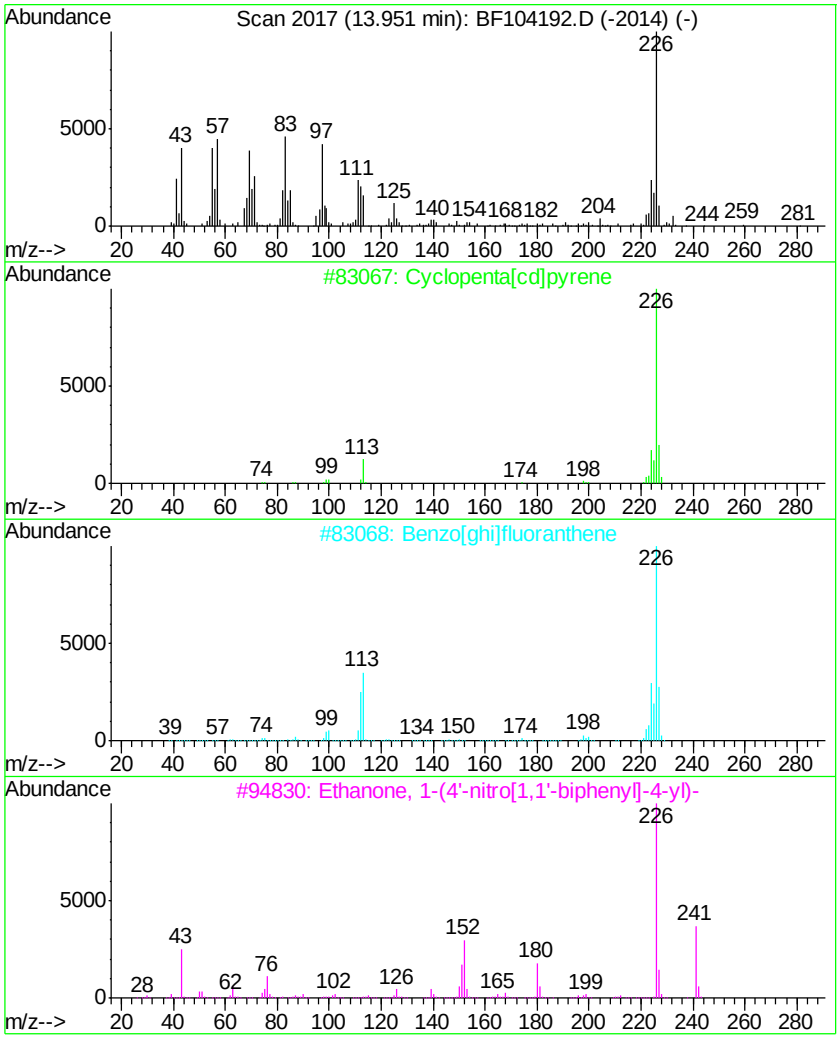
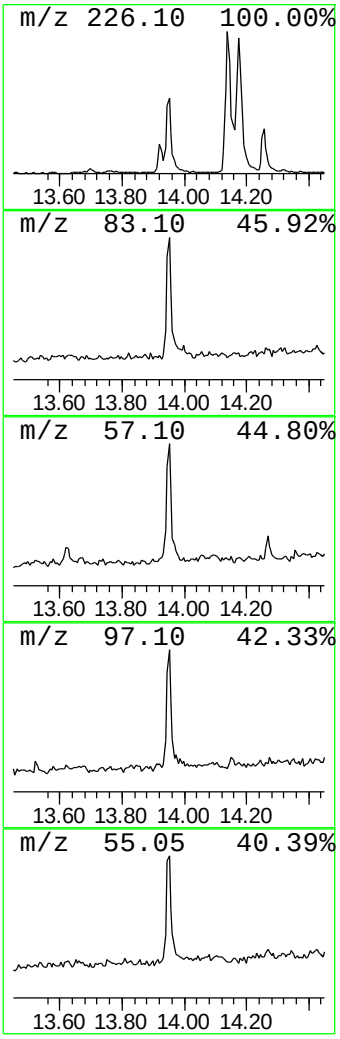
Peak Number 12 unknown13.95 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.80 ng	298430	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	25
3	Ethanone, 1-(4'-nitro[1,1'-biphe...	241	C14H11NO3	000135-69-3	10
4	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	10
5	7-p-Tolyl-1,5-dihydro-imidazo[4,...	226	C12H10N4O	1000317-75-5	10





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Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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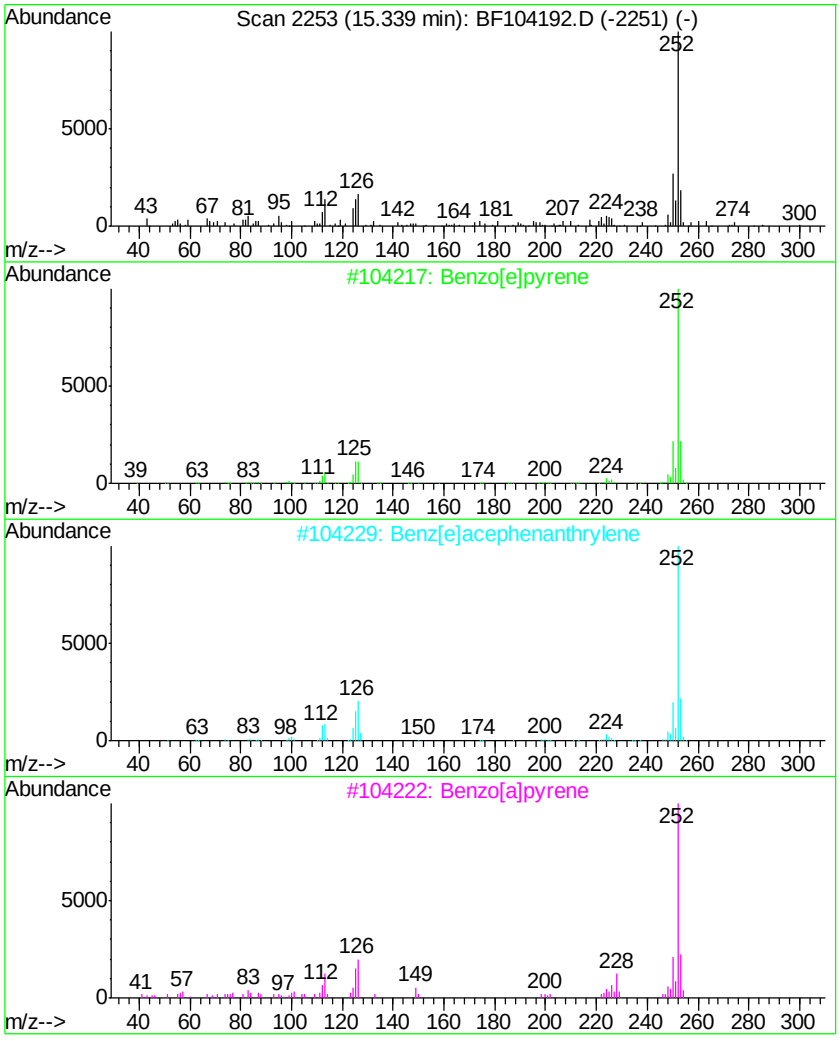
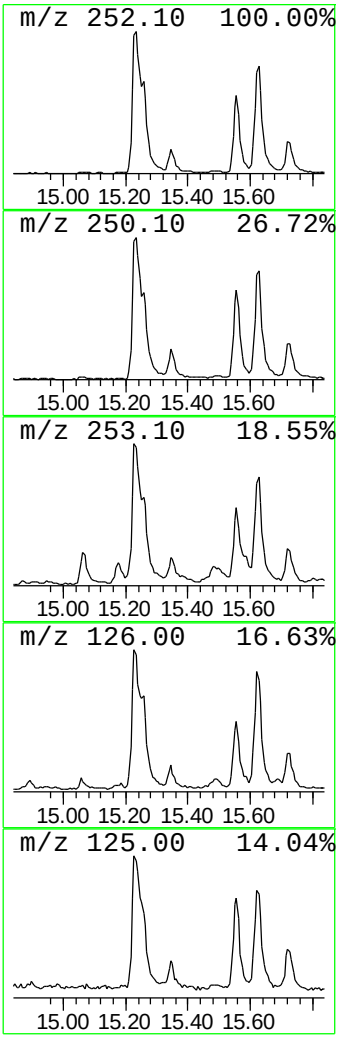
Peak Number 13 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.47 ng	79187	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Acq On : 3 Apr 2018 21:04
Operator : JU/SJ
Sample : J2182-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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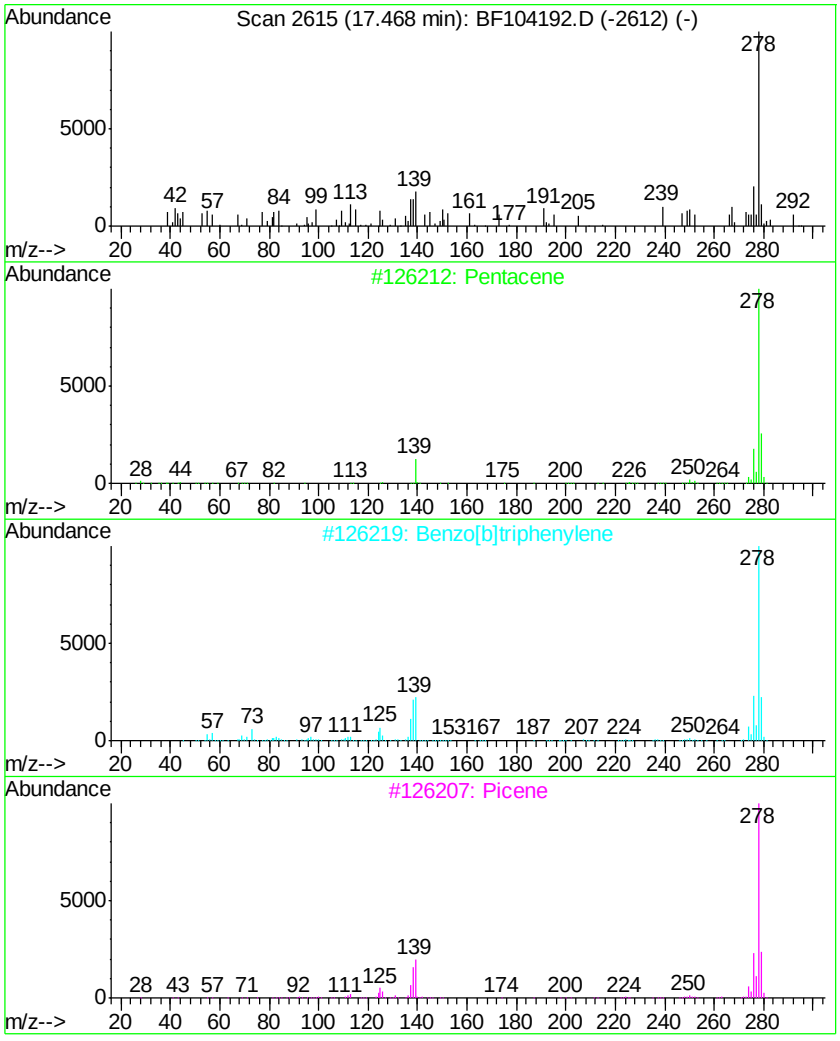
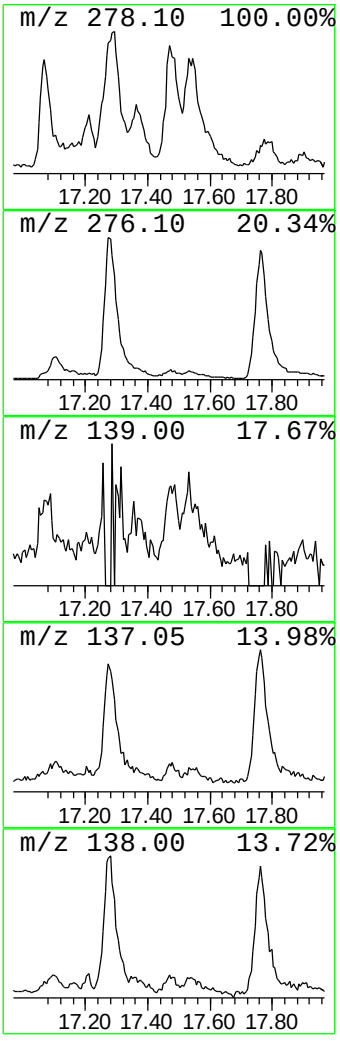
Peak Number 15 Pentacene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	2.12 ng	48388	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	76
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	70
3	Picene	278	C22H14	000213-46-7	62
4	Pyridine-3-carbonitrile, 2-oxo-4...	278	C16H10N2OS	1000304-72-3	58
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	52





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Instrument : BNA_F
ClientSampleId : 6-WM-DIP-8-EW(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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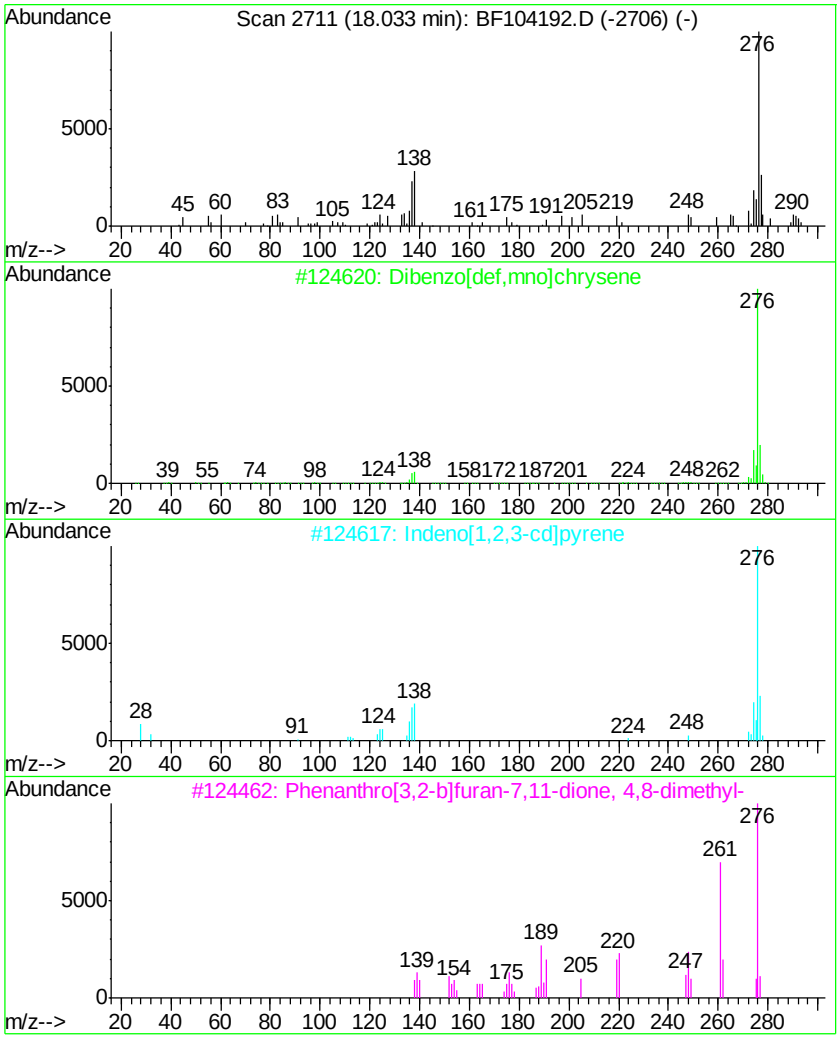
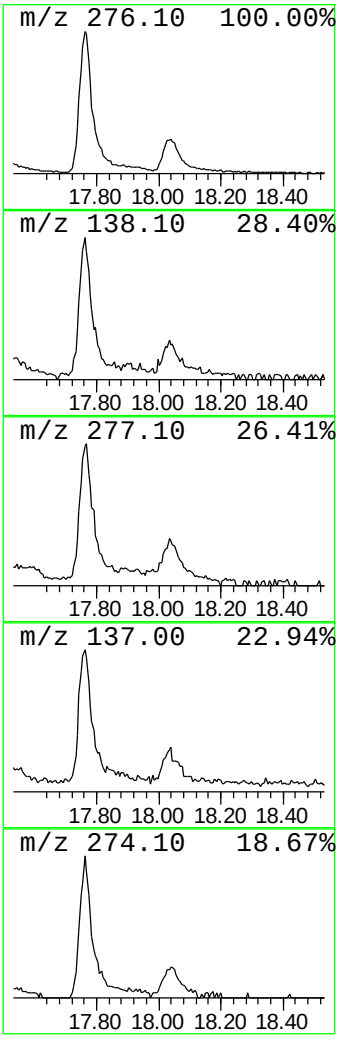
Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.89 ng	111404	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	76
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	62
3	Phenanthro[3,2-b]furan-7,11-dion...	276	C18H12O3	020958-17-2	47
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	47
5	Indophenol blue	276	C18H16N2O	000132-31-0	43





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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
Butane, 2-methoxy...	2.28	4.9	ng	133208	1	6.96	540442	20.0
2-Pentanone, 4-hy...	5.20	3.5	ng	93604	1	6.96	540442	20.0
unknown6.73	6.73	85.2	ng	2302230	1	6.96	540442	20.0
Tetradecane, 1-iodo-	9.37	2.1	ng	98811	3	10.00	922499	20.0
Sulfurous acid, p...	10.87	4.4	ng	183848	4	11.49	832148	20.0
Phenanthrene, 2-m...	12.00	3.1	ng	128720	4	11.49	832148	20.0
4H-Cyclopenta[def...	12.11	4.4	ng	182327	4	11.49	832148	20.0
Naphthalene, 2-ph...	12.29	2.1	ng	88003	4	11.49	832148	20.0
11H-Benzo[b]fluorene	13.27	4.1	ng	321746	5	14.15	1572720	20.0
unknown13.95	13.95	3.8	ng	298430	5	14.15	1572720	20.0
Benzo[e]pyrene	15.34	3.5	ng	79187	6	15.69	455820	20.0
Pentacene	17.47	2.1	ng	48388	6	15.69	455820	20.0
Dibenzo[def,mno]c...	18.03	4.9	ng	111404	6	15.69	455820	20.0