LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108089.D
Acq On : 10 Aug 2018 17:38
Operator : JU/SJ
Sample : J4272-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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	5.248	491	495	502	rVB	642442	656148	17.72%	1.280%
2	5.637	556	561	564	rBV	3720930	3268590	88.27%	6.379%
3	6.625	724	729	734	rBV	3822985	3572085	96.47%	6.971%
4	6.784	752	756	759	rBV	4053197	3467420	93.64%	6.767%
5	7.019	792	796	799	rBV	2044159	1762351	47.60%	3.439%
6	7.172	818	822	825	rBV	3177547	2566010	69.30%	5.008%
7	7.572	886	890	894	rBV	2324036	2193372	59.24%	4.280%
8	8.301	1010	1014	1017	rBV	2747929	2267764	61.25%	4.426%
9	9.013	1131	1135	1139	rVB	87630	68908	1.86%	0.134%
10	9.113	1147	1152	1157	rVB	76791	63128	1.70%	0.123%
11	9.372	1192	1196	1200	rBV	4219682	3702752	100.00%	7.226%
12	9.636	1238	1241	1246	rBV3	36137	49193	1.33%	0.096%
13	9.719	1250	1255	1257	rBV	64903	66221	1.79%	0.129%
14	9.766	1260	1263	1266	rVB	286485	217262	5.87%	0.424%
15	9.925	1283	1290	1293	rBV2	84604	83135	2.25%	0.162%
16	10.066	1310	1314	1317	rBV	2662521	2320184	62.66%	4.528%
17	10.095	1317	1319	1322	rVB	203724	156621	4.23%	0.306%
18	10.266	1344	1348	1351	rVB2	155974	137770	3.72%	0.269%
19	10.377	1363	1367	1370	rBV3	34625	41840	1.13%	0.082%
20	10.472	1378	1383	1389	rVB4	41704	69552	1.88%	0.136%
21	10.613	1404	1407	1412	rVB	296929	250301	6.76%	0.488%
22	10.772	1431	1434	1437	rVB	54048	53016	1.43%	0.103%
23	10.854	1444	1448	1459	rBV	2212603	1971843	53.25%	3.848%
24	11.166	1495	1501	1503	rBV3	61824	83694	2.26%	0.163%
25	11.289	1518	1522	1524	rBV4	35654	44922	1.21%	0.088%
26	11.360	1531	1534	1538	rVB	83194	71588	1.93%	0.140%
27	11.401	1538	1541	1545	rVV	55920	63586	1.72%	0.124%
28	11.460	1548	1551	1554	rVB	112353	103377	2.79%	0.202%
29	11.560	1564	1568	1570	rBV	2239239	2044080	55.20%	3.989%
30	11.583	1570	1572	1576	rVB	1677911	1419387	38.33%	2.770%
31	11.636	1578	1581	1584	rVB	410813	318775	8.61%	0.622%
32	11.789	1602	1607	1612	rBV	152040	162520	4.39%	0.317%
33	11.895	1622	1625	1629	rVV3	57816	69960	1.89%	0.137%
34	11.930	1629	1631	1636	rVB	131080	119997	3.24%	0.234%

LSC Area Percent Report

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Sample : J4272-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.066	1650	1654	1656	rBV	266263	253068	6.83%	0.494%
36	12.089	1656	1658	1663	rVV2	311387	283942	7.67%	0.554%
37	12.136	1663	1666	1669	rVV	91206	94985	2.57%	0.185%
38	12.177	1669	1673	1675	rVV2	330932	364960	9.86%	0.712%
39	12.201	1675	1677	1680	rVB	143841	115710	3.12%	0.226%
40	12.360	1700	1704	1706	rBV	139291	124765	3.37%	0.243%
41	12.383	1706	1708	1712	rVB2	115002	104687	2.83%	0.204%
42	12.542	1732	1735	1737	rBV	50949	45520	1.23%	0.089%
43	12.624	1744	1749	1751	rBV2	812154	797047	21.53%	1.555%
44	12.648	1751	1753	1759	rVB2	593639	582061	15.72%	1.136%
45	12.701	1759	1762	1765	rBV	97193	109666	2.96%	0.214%
46	12.730	1765	1767	1772	rVB2	119930	94870	2.56%	0.185%
47	12.783	1772	1776	1779	rBV	1963630	1662260	44.89%	3.244%
48	12.842	1784	1786	1789	rVB	57220	44649	1.21%	0.087%
49	12.936	1799	1802	1808	rVB	79436	95346	2.58%	0.186%
50	12.995	1808	1812	1813	rBV2	278555	296408	8.01%	0.578%
51	13.013	1813	1815	1820	rVB	1604353	1394699	37.67%	2.722%
52	13.060	1820	1823	1827	rVB2	90748	96404	2.60%	0.188%
53	13.148	1831	1838	1841	rBV	3316585	2903379	78.41%	5.666%
54	13.171	1841	1842	1845	rVB	80348	44246	1.19%	0.086%
55	13.224	1847	1851	1856	rBV3	111616	212097	5.73%	0.414%
56	13.318	1864	1867	1868	rBV2	60064	67091	1.81%	0.131%
57	13.342	1868	1871	1873	rVB	216696	208160	5.62%	0.406%
58	13.407	1879	1882	1885	rVB	176794	142170	3.84%	0.277%
59	13.448	1885	1889	1891	rBV2	157844	174138	4.70%	0.340%
60	13.542	1902	1905	1907	rBV	83759	75521	2.04%	0.147%
61	13.571	1907	1910	1913	rVV	103790	95893	2.59%	0.187%
62	13.848	1954	1957	1961	rVB	133943	136589	3.69%	0.267%
63	13.995	1980	1982	1984	rVB	104204	76079	2.05%	0.148%
64	14.018	1984	1986	1987	rBV	102606	93310	2.52%	0.182%
65	14.218	2015	2020	2022	rBV2	2235960	2666679	72.02%	5.204%
66	14.242	2022	2024	2031	rVB	745251	669859	18.09%	1.307%
67	14.324	2036	2038	2040	rBV	121060	89301	2.41%	0.174%
68	14.736	2106	2108	2110	rBV	86048	75132	2.03%	0.147%
69	15.312	2202	2206	2209	rBV	523396	833068	22.50%	1.626%
70	15.648	2259	2263	2268	rVB	292963	424328	11.46%	0.828%
71	15.712	2270	2274	2280	rVB	436524	599065	16.18%	1.169%

LSC Area Percent Report

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Sample : J4272-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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	15.789	2282	2287	2290	rBV	1155216	1588397	42.90%	3.100%

Sum of corrected areas: 51242901

LSC Report - Integrated Chromatogram

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Data File : BF108089.D
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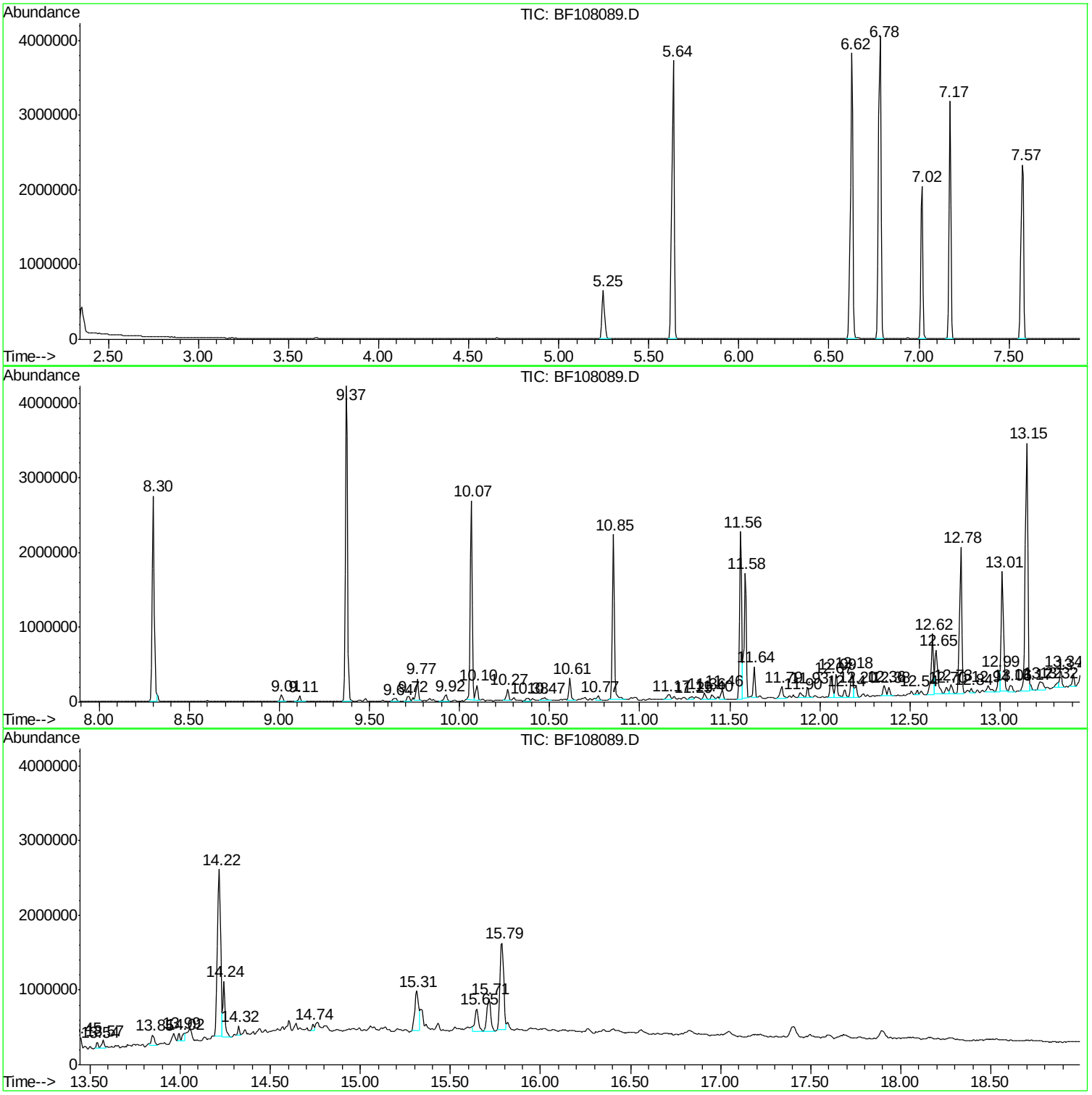
Operator : JU/SJ
Sample : J4272-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108089.D
Acq On : 10 Aug 2018 17:38
Operator : JU/SJ
Sample : J4272-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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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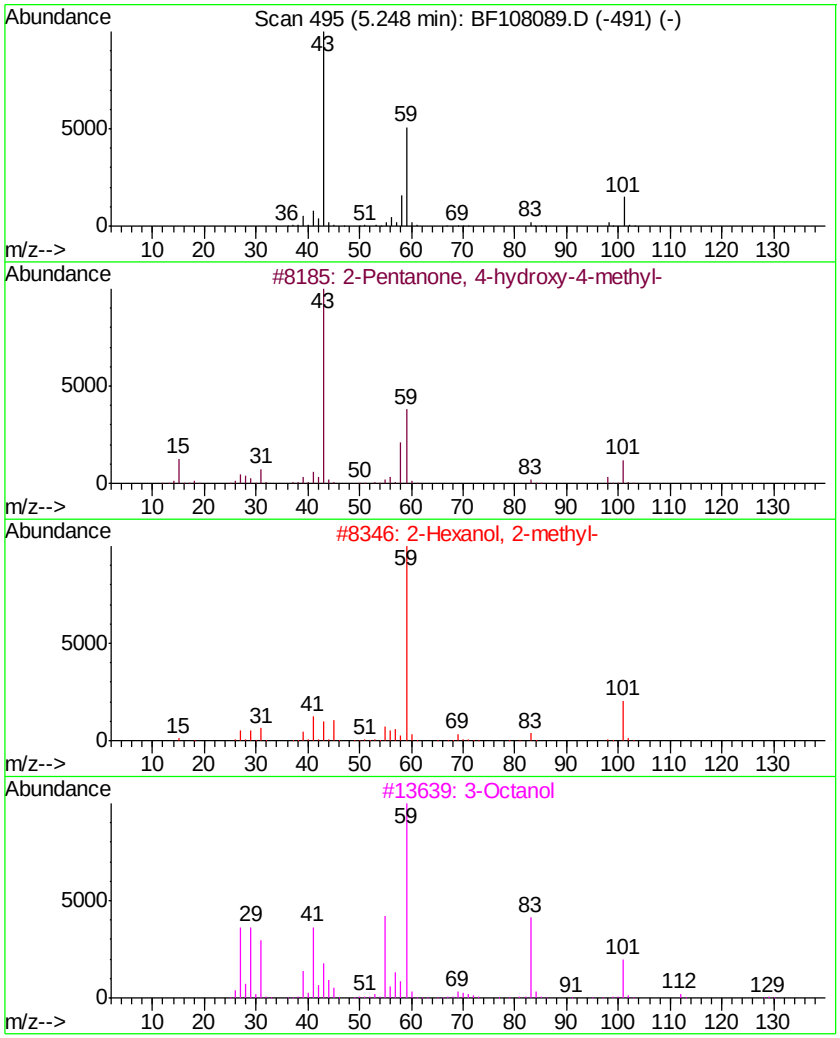
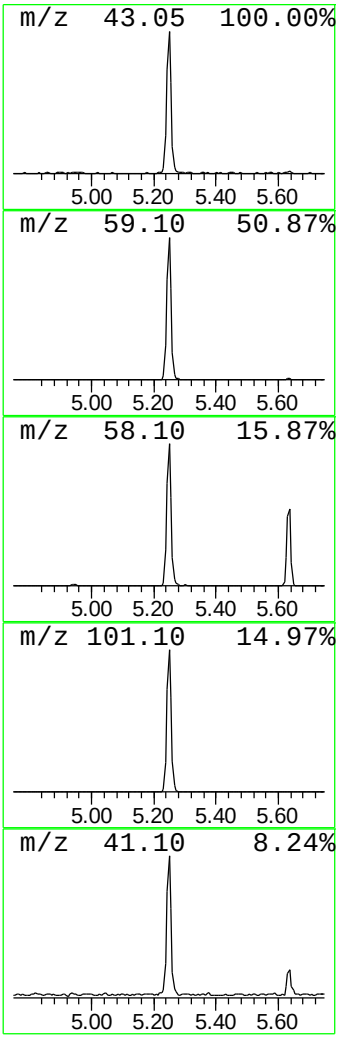
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	7.45 ng	656148	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	33
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108089.D
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Misc :
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Instrument : BNA_F
ClientSampleId : JC-03-080918-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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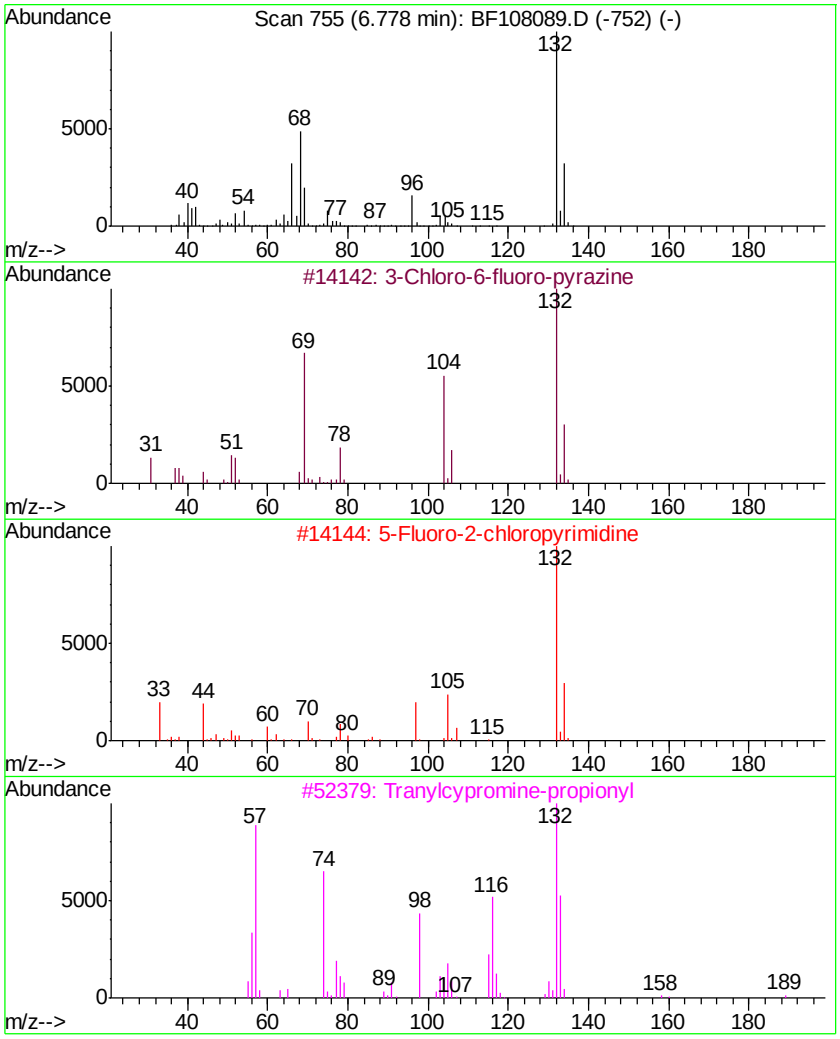
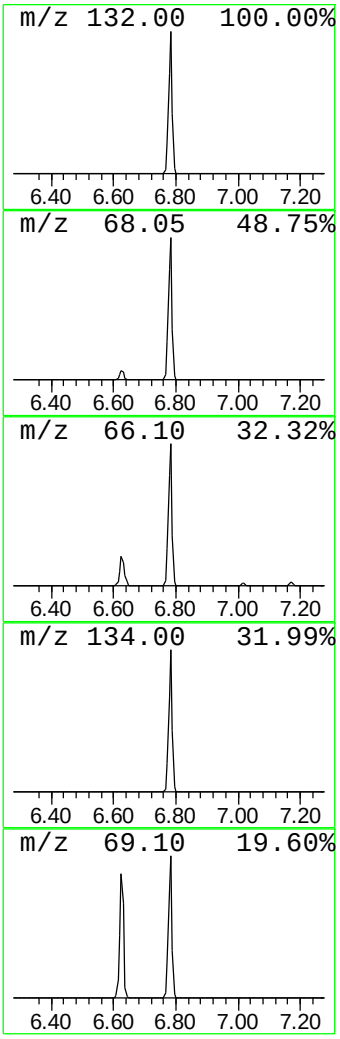
****

Peak Number 2 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	39.35 ng	3467420	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	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108089.D
Acq On : 10 Aug 2018 17:38
Operator : JU/SJ
Sample : J4272-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

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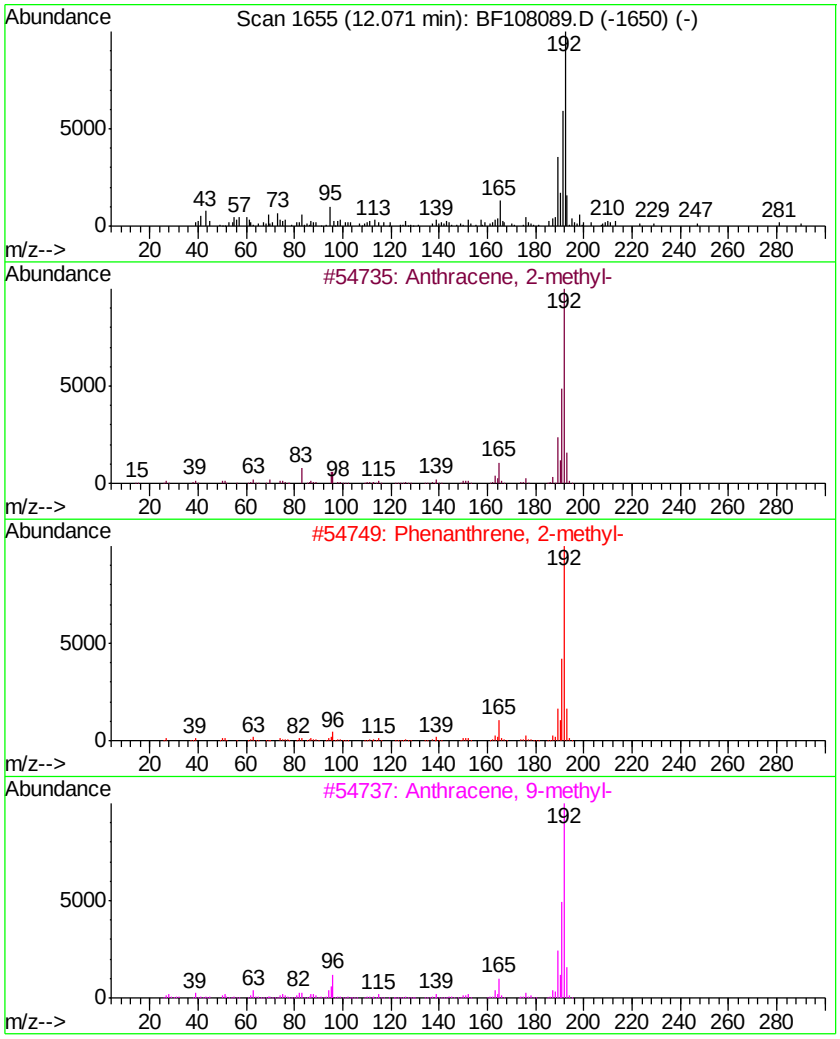
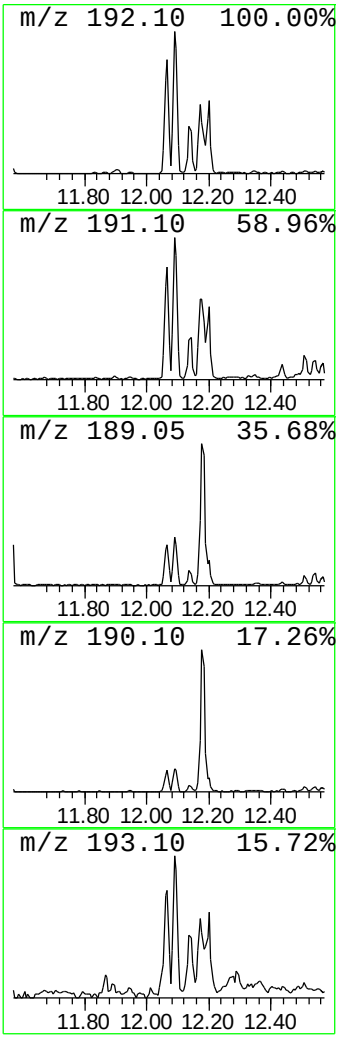
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.48 ng	253068	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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Data File : BF108089.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
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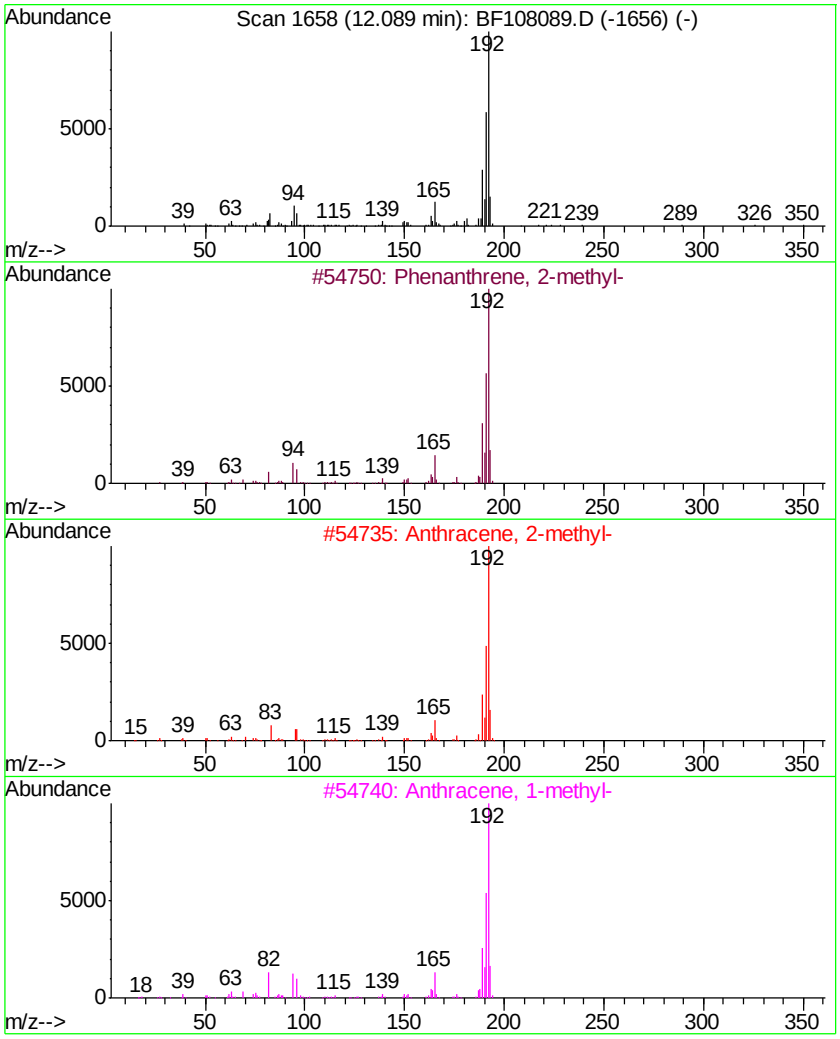
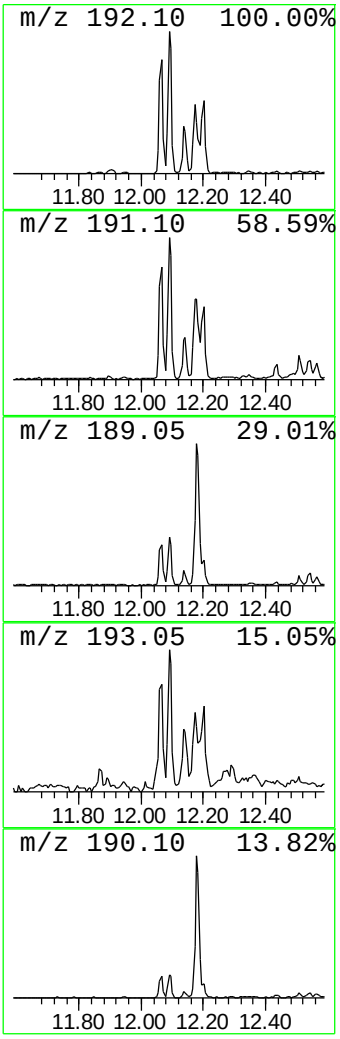
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.78 ng	283942	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





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Sample : J4272-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

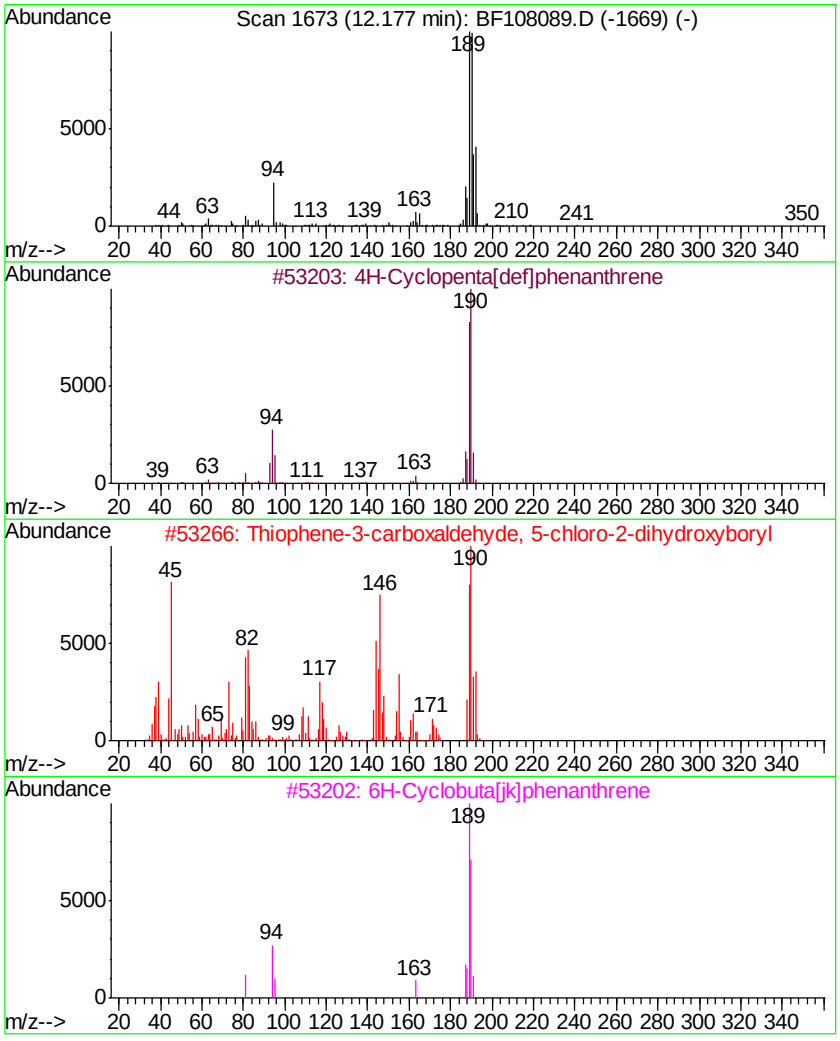
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

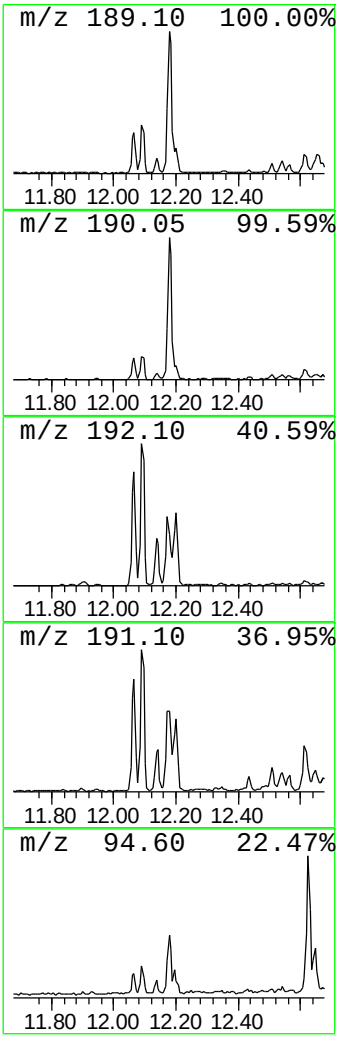
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	3.57 ng	364960	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

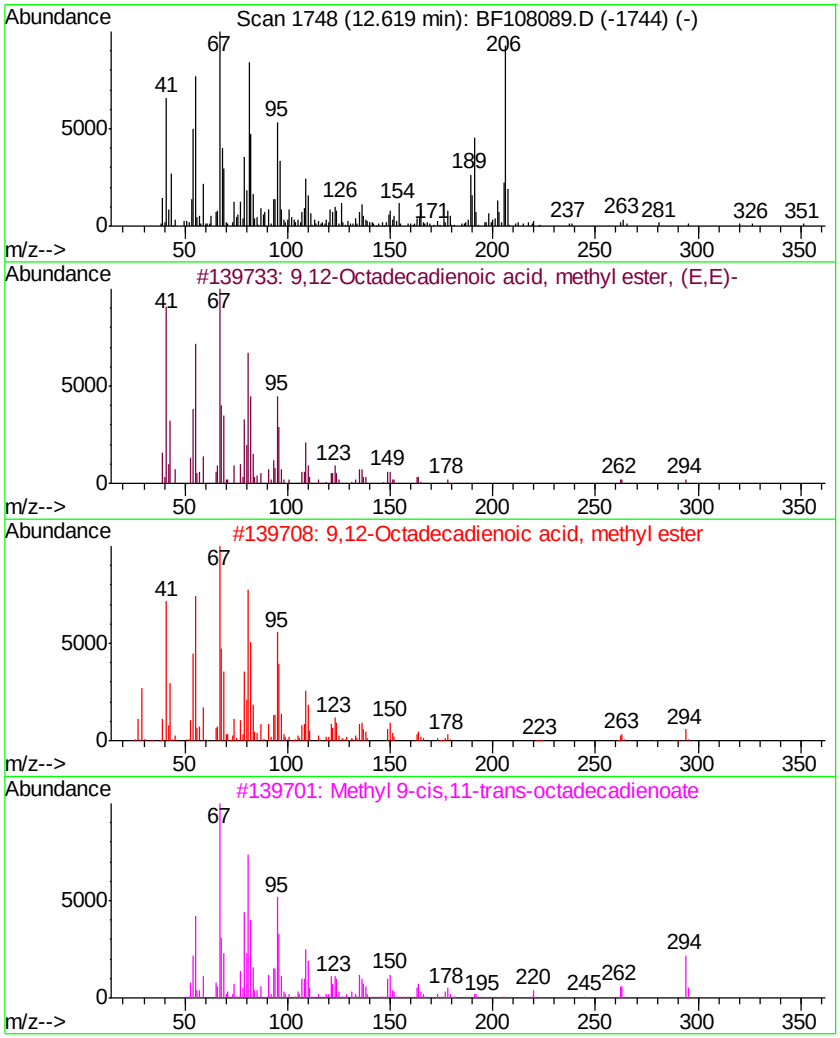
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

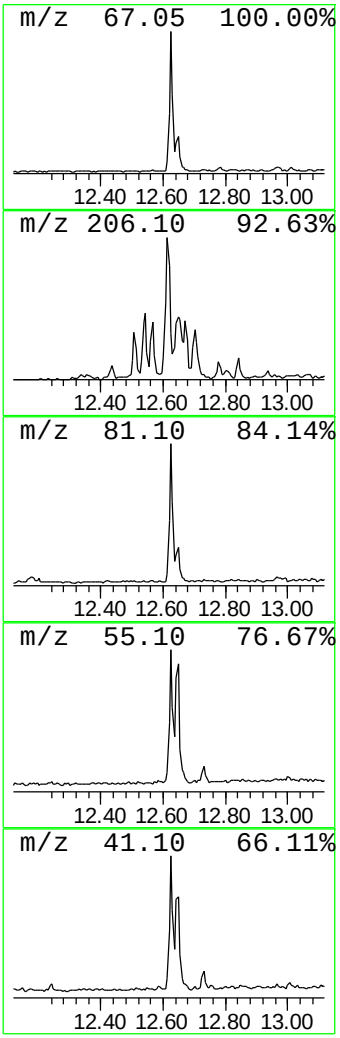
****

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	7.80 ng	797047	Phenanthrene-d10	11.56

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	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108089.D
Acq On : 10 Aug 2018 17:38
Operator : JU/SJ
Sample : J4272-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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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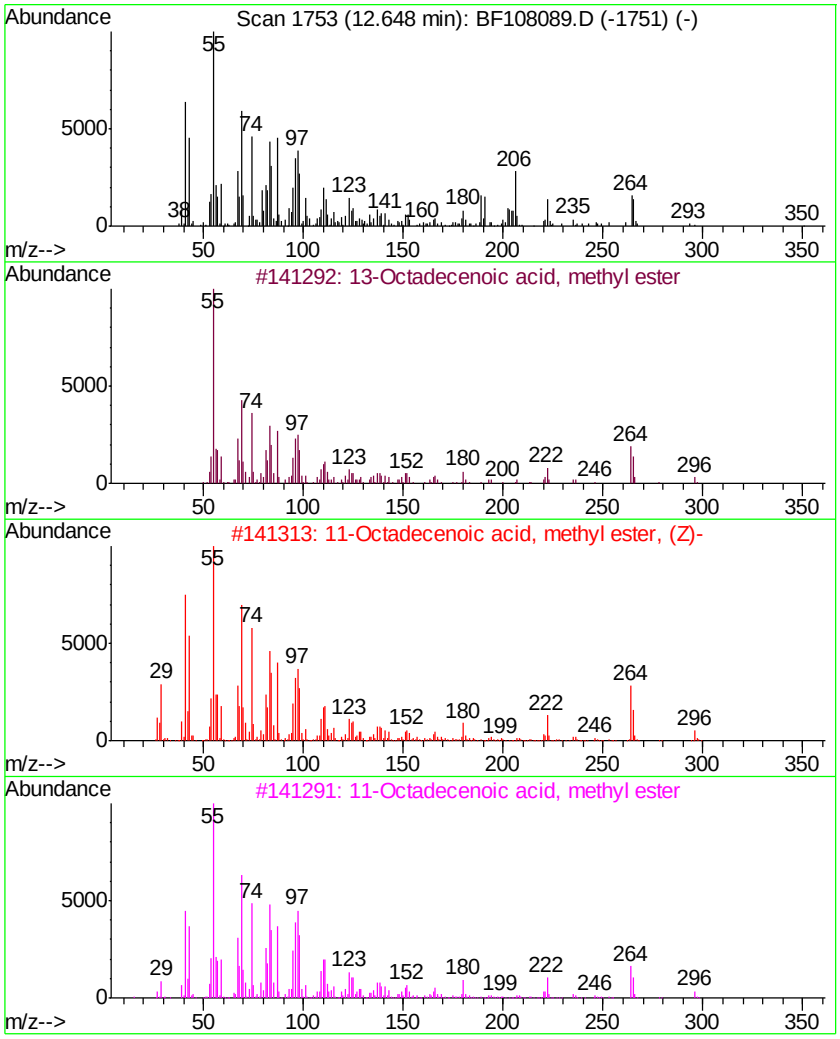
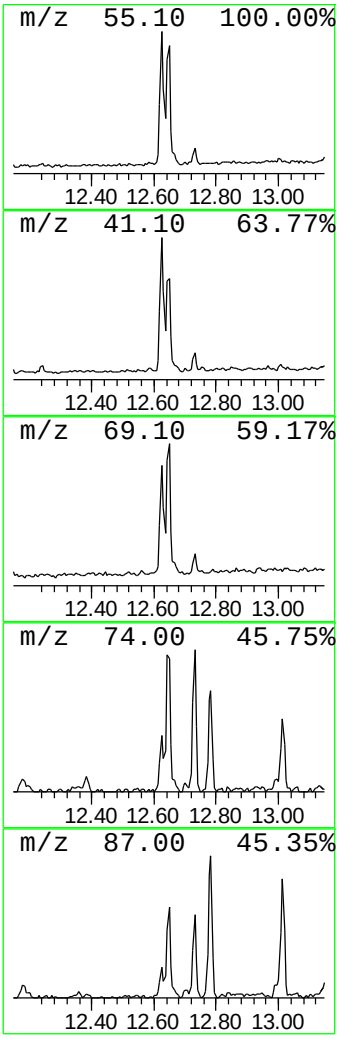
Peak Number 8 13-Octadecenoic acid, methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	5.70 ng	582061	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	90
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	90
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108089.D
Acq On : 10 Aug 2018 17:38
Operator : JU/SJ
Sample : J4272-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

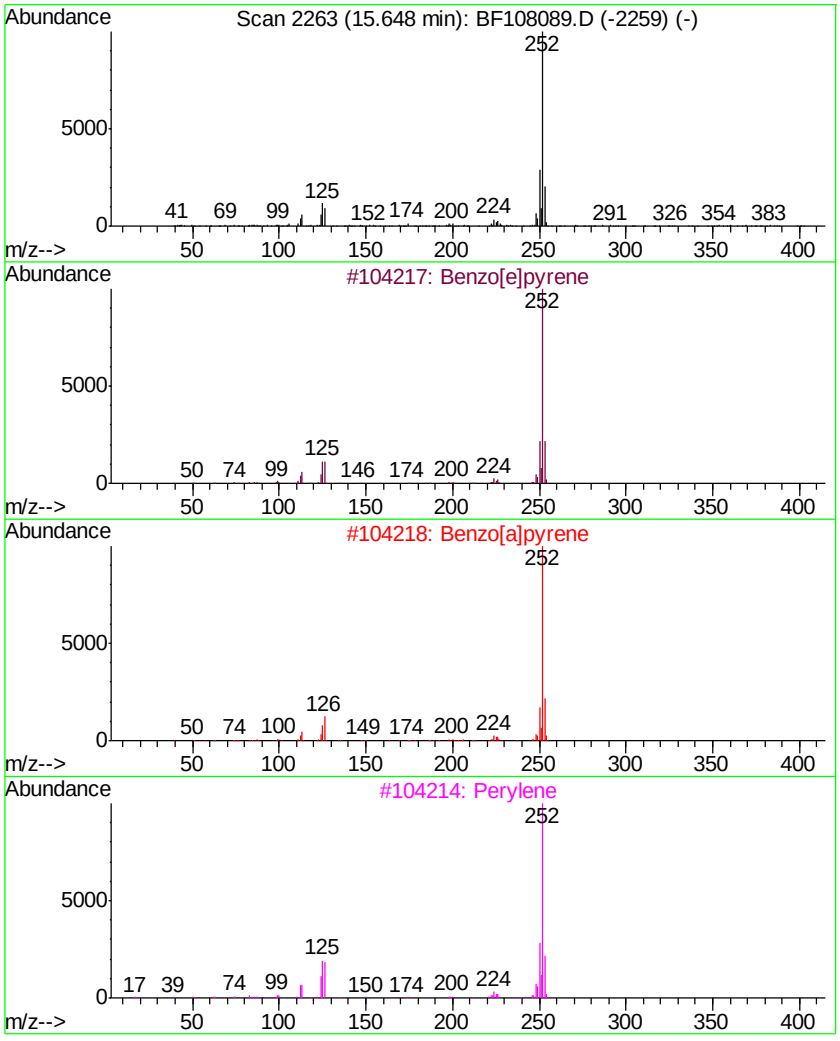
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

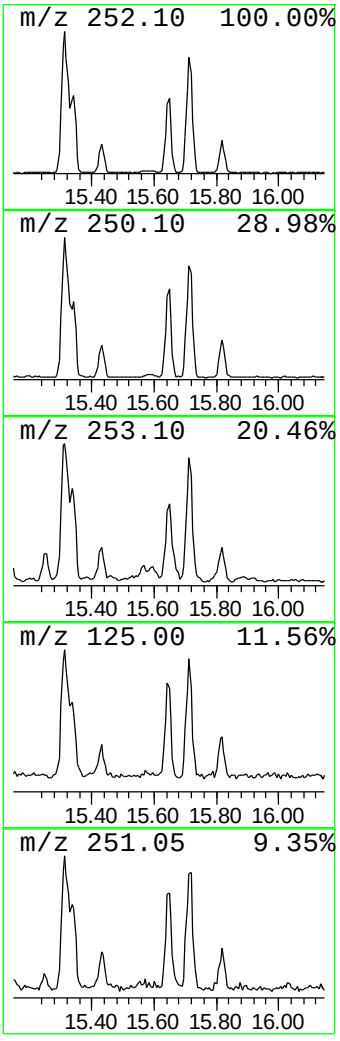
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	5.34 ng	424328	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Perylene	252	C20H12	000198-55-0	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108089.D
Acq On : 10 Aug 2018 17:38
Operator : JU/SJ
Sample : J4272-09 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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...	5.25	7.5	ng	656148	1	7.02	1762350	20.0
unknown6.78	6.78	39.4	ng	3467420	1	7.02	1762350	20.0
Anthracene, 2-met...	12.07	2.5	ng	253068	4	11.56	2044080	20.0
Phenanthrene, 2-m...	12.09	2.8	ng	283942	4	11.56	2044080	20.0
4H-Cyclopenta[def...	12.18	3.6	ng	364960	4	11.56	2044080	20.0
9,12-Octadecadien...	12.62	7.8	ng	797047	4	11.56	2044080	20.0
13-Octadecenoic a...	12.65	5.7	ng	582061	4	11.56	2044080	20.0
Benzo[e]pyrene	15.65	5.3	ng	424328	6	15.79	1588400	20.0