LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108442.D
Acq On : 24 Aug 2018 1:05
Operator : JU/SJ
Sample : J4283-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-082118

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	5.619	554	558	567	rBV	359801	366011	26.59%	2.054%
2	6.613	723	727	738	rBV	419280	419743	30.49%	2.355%
3	6.766	749	753	760	rBV	495218	411858	29.92%	2.311%
4	7.001	789	793	796	rBV	914274	794602	57.73%	4.458%
5	7.154	815	819	828	rBV	406459	334144	24.27%	1.875%
6	7.560	884	888	898	rBV	237541	247545	17.98%	1.389%
7	8.284	1007	1011	1014	rBV	1194971	983932	71.48%	5.521%
8	9.001	1129	1133	1138	rBV	14228	16866	1.23%	0.095%
9	9.095	1146	1149	1153	rBV	18474	17749	1.29%	0.100%
10	9.354	1189	1193	1201	rBV	570719	479203	34.81%	2.689%
11	9.625	1235	1239	1243	rBV	11782	15628	1.14%	0.088%
12	9.701	1248	1252	1254	rBV	19535	21103	1.53%	0.118%
13	9.748	1257	1260	1267	rVB	39608	41506	3.02%	0.233%
14	9.907	1284	1287	1291	rBV	22702	22456	1.63%	0.126%
15	10.042	1307	1310	1314	rBV	1049263	1016583	73.85%	5.704%
16	10.078	1314	1316	1321	rVB	81779	66419	4.83%	0.373%
17	10.248	1341	1345	1348	rBV	65416	63259	4.60%	0.355%
18	10.454	1375	1380	1386	rVB4	14200	17987	1.31%	0.101%
19	10.595	1400	1404	1409	rVB	139376	125110	9.09%	0.702%
20	10.748	1428	1430	1433	rVB	28056	23484	1.71%	0.132%
21	10.836	1441	1445	1451	rBV	186133	192834	14.01%	1.082%
22	11.142	1490	1497	1500	rBV	32394	35329	2.57%	0.198%
23	11.266	1514	1518	1520	rBV3	13986	15624	1.14%	0.088%
24	11.289	1520	1522	1527	rVB2	14939	17711	1.29%	0.099%
25	11.378	1534	1537	1541	rBV2	23255	23975	1.74%	0.135%
26	11.436	1544	1547	1551	rVB	44998	37299	2.71%	0.209%
27	11.542	1561	1565	1567	rBV	960039	919467	66.80%	5.159%
28	11.566	1567	1569	1572	rVV	824919	638921	46.42%	3.585%
29	11.613	1574	1577	1581	rVV	222362	206605	15.01%	1.159%
30	11.772	1600	1604	1608	rBV2	31943	36859	2.68%	0.207%
31	11.830	1612	1614	1617	rBV	21795	18463	1.34%	0.104%
32	11.907	1624	1627	1630	rBV	80018	58206	4.23%	0.327%
33	12.042	1646	1650	1652	rBV	84964	71509	5.19%	0.401%
34	12.072	1652	1655	1659	rVV	110153	97348	7.07%	0.546%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4283-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-082118

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

35	12.119	1659	1663	1666	rVV	53963	46001	3.34%	0.258%
36	12.160	1666	1670	1677	rVB2	172349	230137	16.72%	1.291%
37	12.336	1696	1700	1703	rBV	70475	58418	4.24%	0.328%
38	12.366	1703	1705	1710	rVB2	16543	14055	1.02%	0.079%
39	12.489	1720	1726	1728	rBV2	15897	19311	1.40%	0.108%
40	12.519	1728	1731	1733	rVV	20986	17343	1.26%	0.097%
41	12.595	1740	1744	1746	rBV2	149744	161953	11.77%	0.909%
42	12.619	1746	1748	1755	rVV3	308452	309493	22.48%	1.737%
43	12.683	1755	1759	1760	rVV2	45233	47391	3.44%	0.266%
44	12.701	1760	1762	1765	rVV	64023	51177	3.72%	0.287%
45	12.760	1768	1772	1776	rBV	1217908	1022064	74.25%	5.735%
46	12.795	1776	1778	1780	rVV	21823	19181	1.39%	0.108%
47	12.819	1780	1782	1785	rVB	28699	24755	1.80%	0.139%
48	12.913	1794	1798	1800	rBV2	32822	30667	2.23%	0.172%
49	12.972	1804	1808	1809	rBV	179901	172444	12.53%	0.968%
50	12.989	1809	1811	1817	rVV	933720	888574	64.55%	4.986%
51	13.036	1817	1819	1823	rVB2	51948	48377	3.51%	0.271%
52	13.119	1827	1833	1836	rBV2	403588	385076	27.97%	2.161%
53	13.148	1836	1838	1843	rVB2	28787	28614	2.08%	0.161%
54	13.201	1843	1847	1852	rBV3	71043	127421	9.26%	0.715%
55	13.319	1864	1867	1870	rVB	167760	161664	11.74%	0.907%
56	13.383	1875	1878	1881	rVV2	165251	139856	10.16%	0.785%
57	13.424	1881	1885	1888	rVV2	99013	118610	8.62%	0.666%
58	13.477	1892	1894	1897	rVB3	17720	14945	1.09%	0.084%
59	13.513	1897	1900	1903	rBV	57962	58472	4.25%	0.328%
60	13.548	1903	1906	1909	rBV2	63409	61894	4.50%	0.347%
61	13.719	1933	1935	1937	rBV2	15030	13851	1.01%	0.078%
62	13.801	1945	1949	1951	rBV3	32786	44631	3.24%	0.250%
63	13.830	1951	1954	1958	rVB2	44573	55652	4.04%	0.312%
64	13.942	1970	1973	1975	rBV	67597	59744	4.34%	0.335%
65	13.966	1975	1977	1980	rVV	78155	63440	4.61%	0.356%
66	13.995	1980	1982	1986	rVB2	63866	80609	5.86%	0.452%
67	14.107	1997	2001	2006	rBV	34722	68892	5.00%	0.387%
68	14.189	2010	2015	2018	rVV2	977007	1376524	100.00%	7.724%
69	14.219	2018	2020	2027	rVB	535038	443866	32.25%	2.491%
70	14.301	2031	2034	2038	rBV	110238	114046	8.29%	0.640%
71	14.383	2046	2048	2050	rVB	36318	24404	1.77%	0.137%

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.418	2050	2054	2057	rBV2	57159	82092	5.96%	0.461%
73	14.577	2079	2081	2084	rVB	85720	76312	5.54%	0.428%
74	14.613	2085	2087	2091	rVB	66337	58425	4.24%	0.328%
75	14.713	2101	2104	2105	rBV	46295	46755	3.40%	0.262%
76	14.730	2105	2107	2111	rVB3	73312	69703	5.06%	0.391%
77	15.107	2169	2171	2178	rVB	52545	53661	3.90%	0.301%
78	15.283	2196	2201	2204	rBV	410376	699178	50.79%	3.923%
79	15.395	2217	2220	2224	rBV	84601	104486	7.59%	0.586%
80	15.613	2253	2257	2264	rVB	248457	317599	23.07%	1.782%
81	15.677	2264	2268	2274	rVV	375703	512691	37.25%	2.877%
82	15.748	2275	2280	2284	rVV	478767	686984	49.91%	3.855%
83	15.783	2284	2286	2293	rVB2	124013	149489	10.86%	0.839%
84	17.354	2547	2553	2560	rBV2	134925	283733	20.61%	1.592%
85	17.848	2631	2637	2645	rBV	98380	222353	16.15%	1.248%

Sum of corrected areas: 17822351

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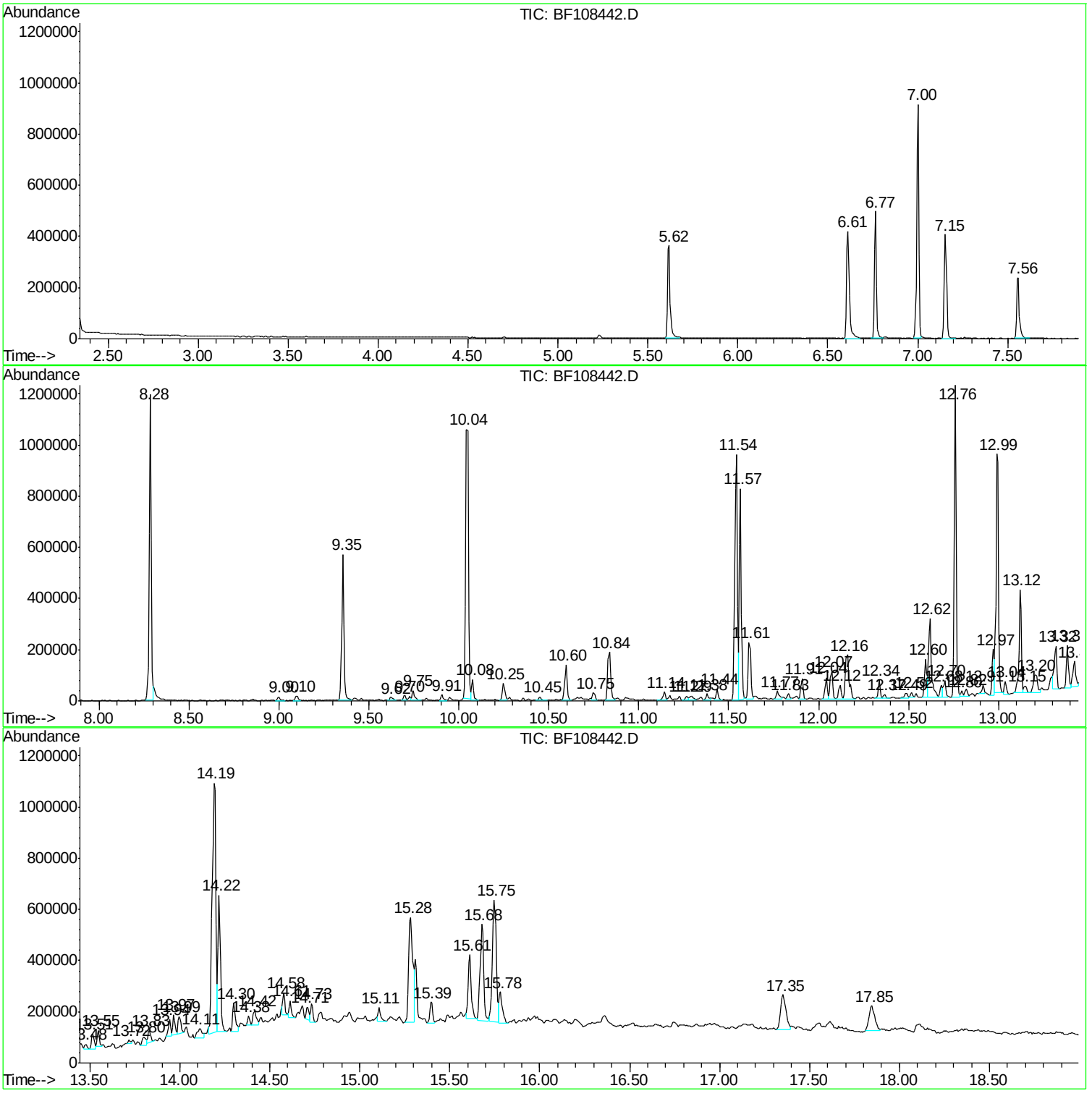
Instrument :
BNA_F
ClientSampleId :
TR-05-082118

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\BF082318\
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Instrument : BNA_F
ClientSampleId : TR-05-082118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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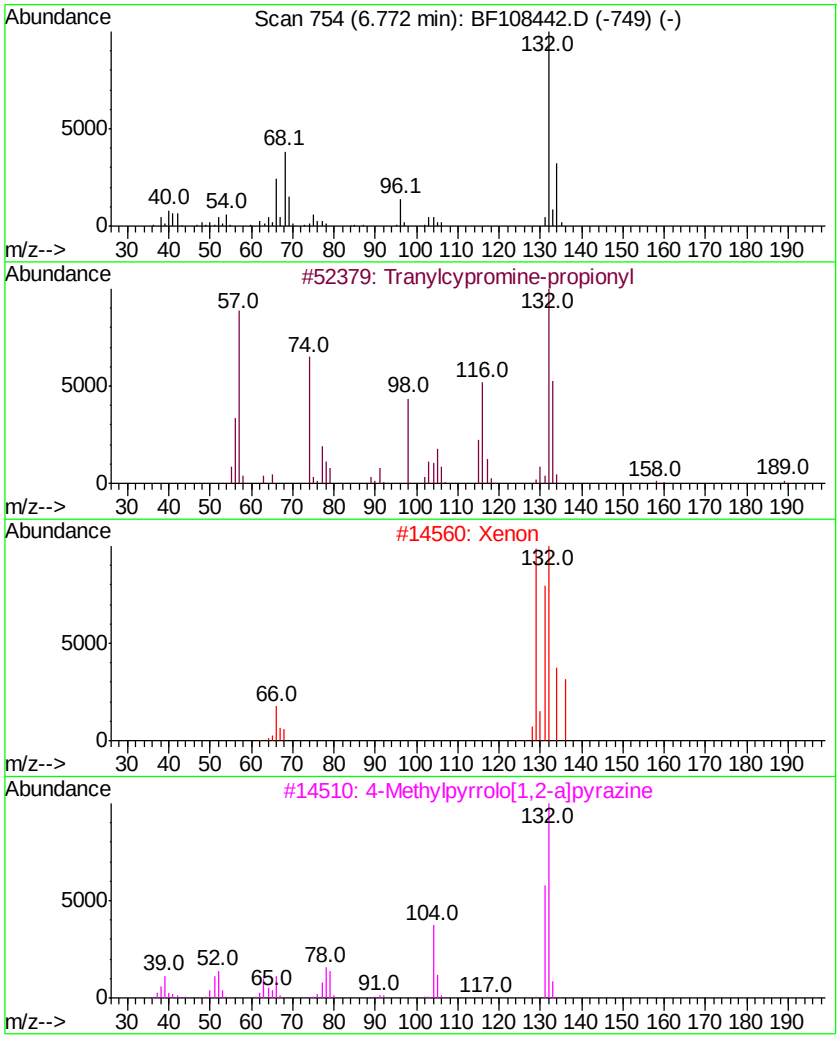
TIC Integration Parameters: LSCINT.P

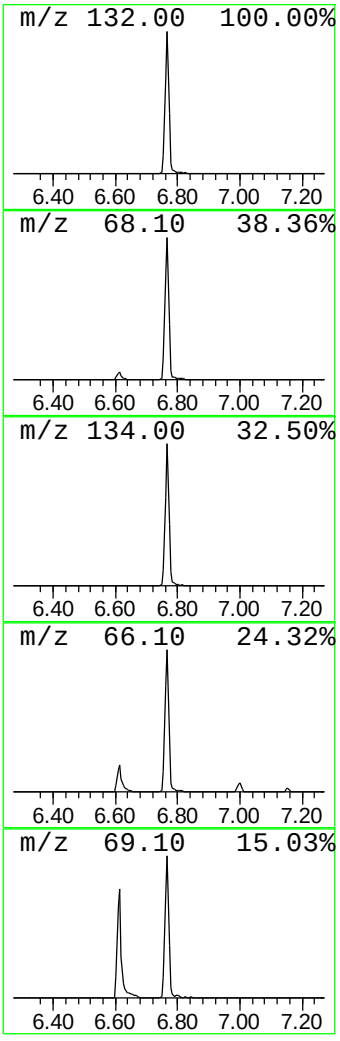
****

Peak Number 1 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	10.37 ng	411858	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	Xenon	132	Xe	007440-63-3	9
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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Sample : J4283-03 10X
Misc :
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Instrument : BNA_F
ClientSampleId : TR-05-082118

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

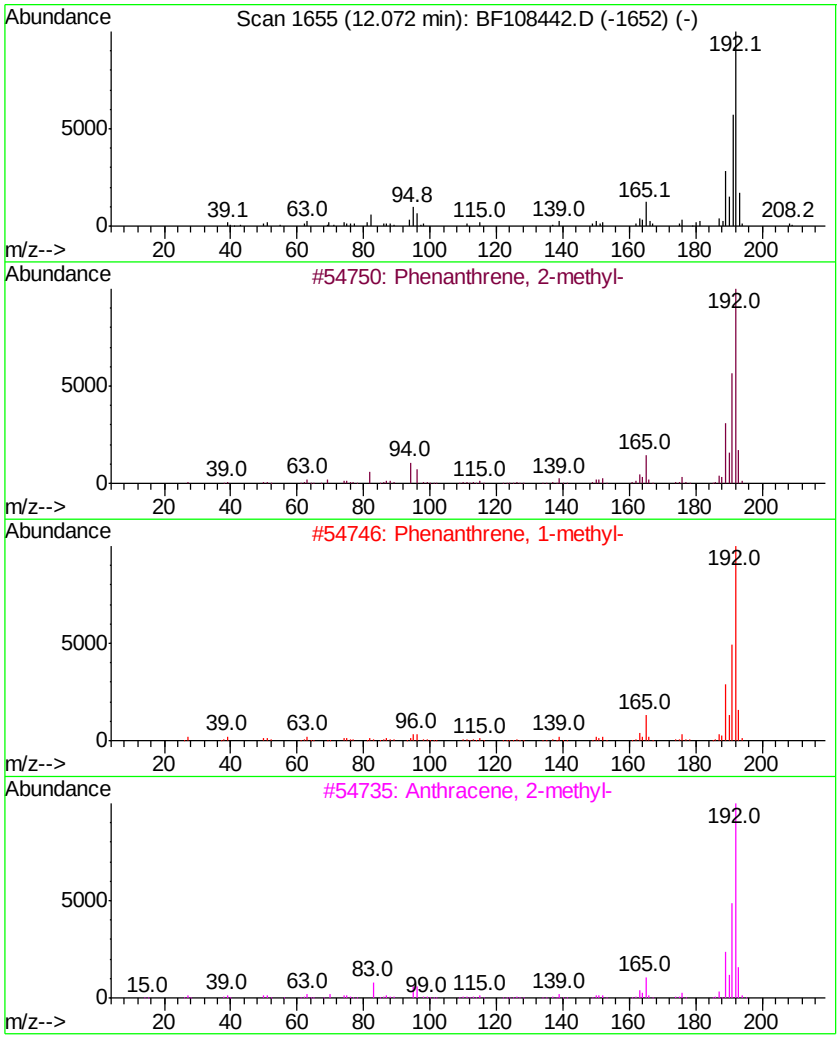
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

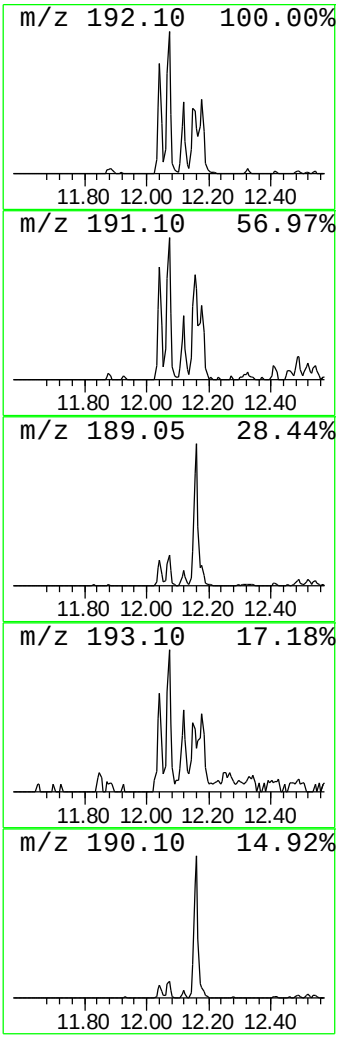
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.12 ng	97348	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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Misc :
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Instrument : BNA_F
ClientSampleId : TR-05-082118

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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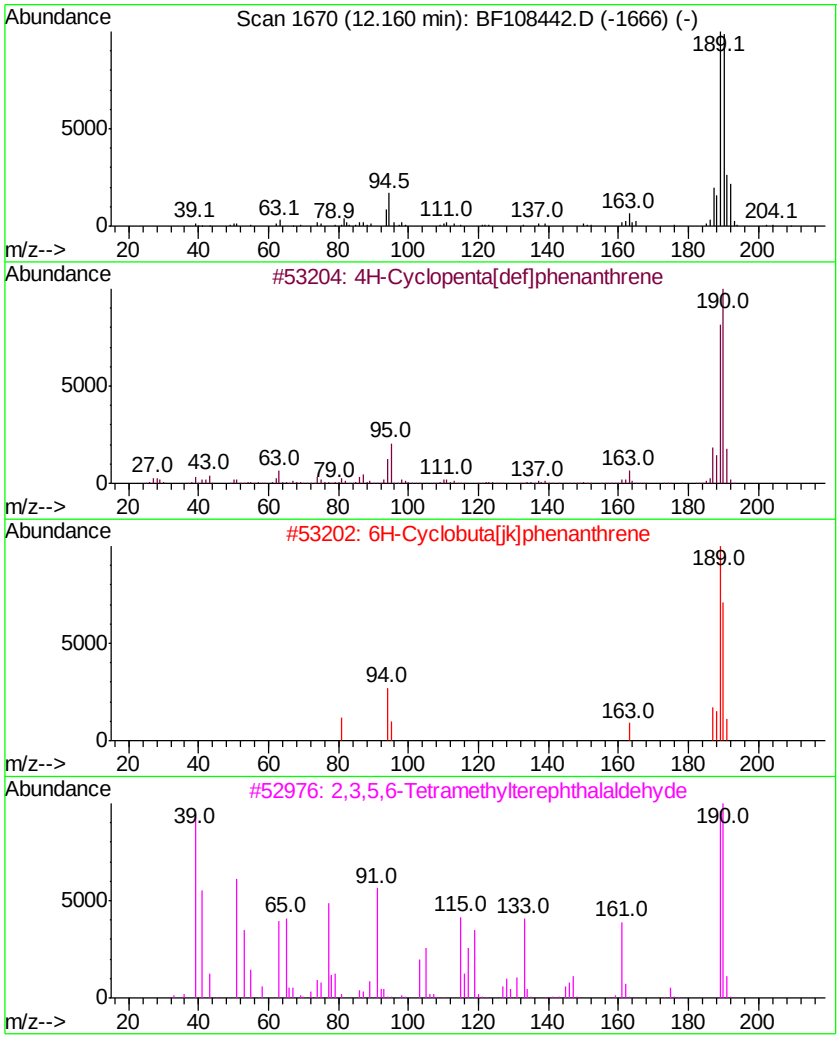
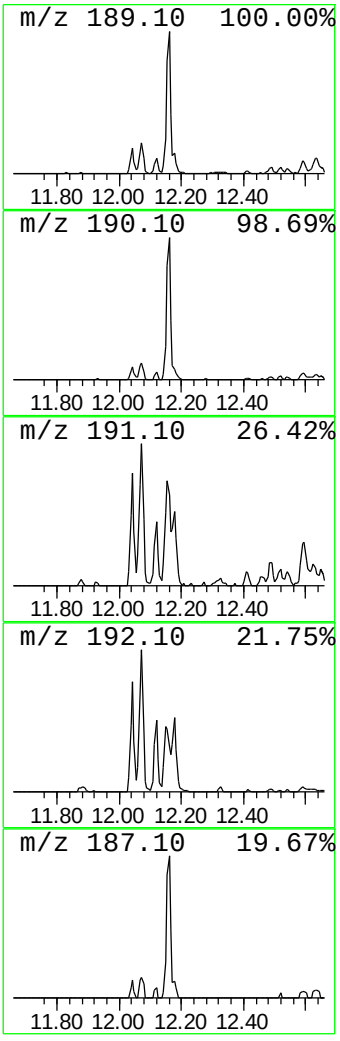
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	5.01 ng	230137	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27





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Instrument : BNA_F
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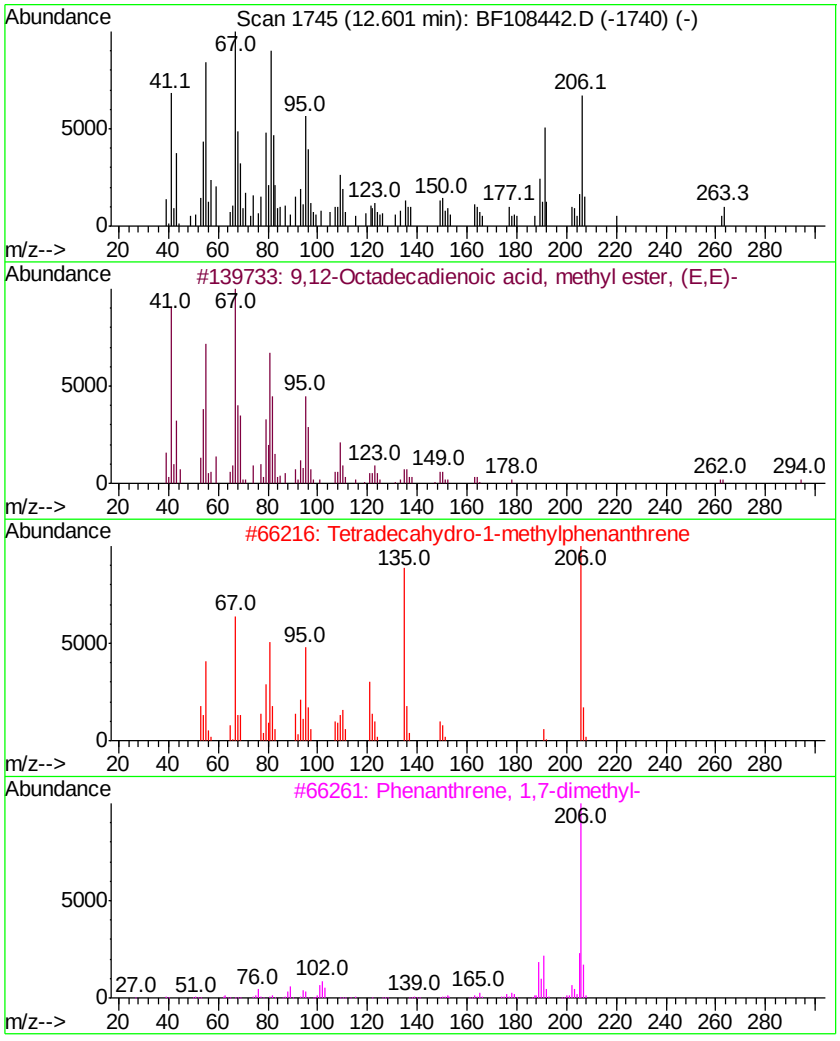
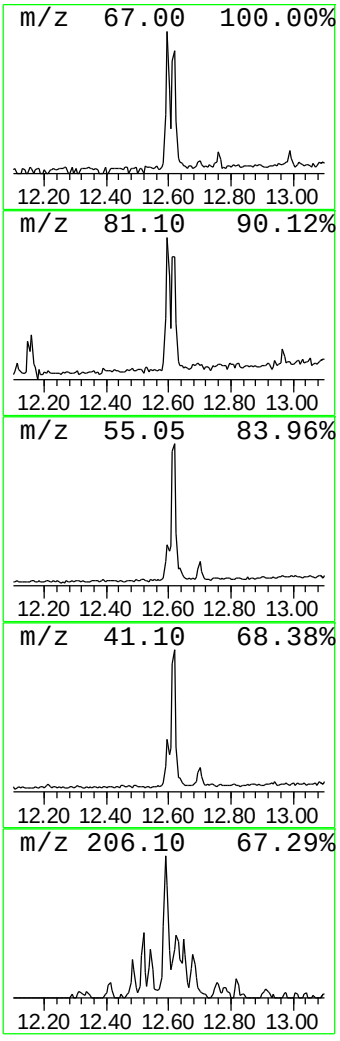
Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	3.52 ng	161953	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	60
2	Tetradecahydro-1-methylphenanthrene	206	C15H26	1000080-19-6	60
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	56
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	56
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TR-05-082118

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

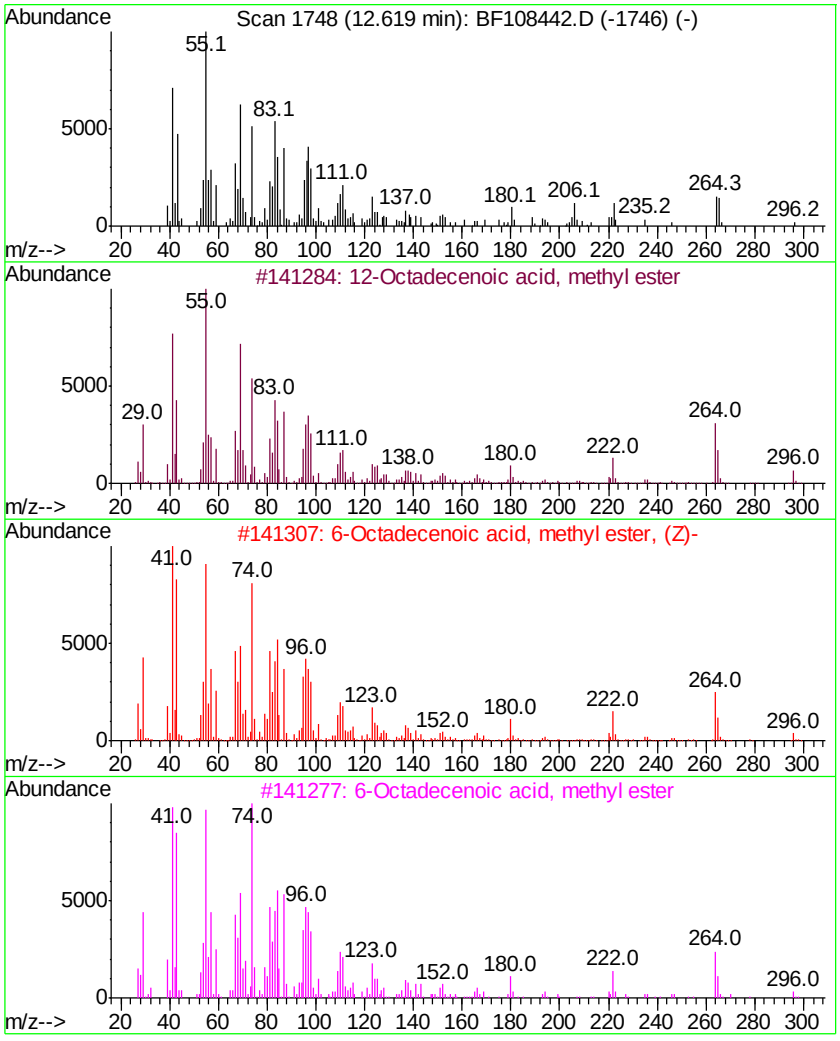
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

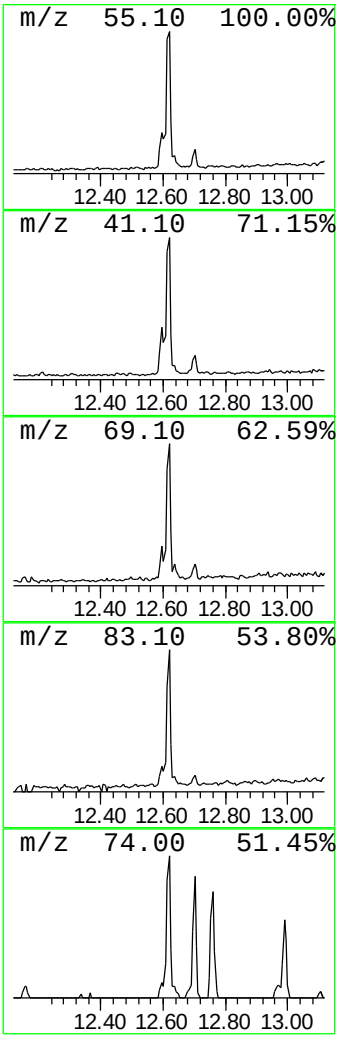
****

Peak Number 6 12-Octadecenoic acid, methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	6.73 ng	309493	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





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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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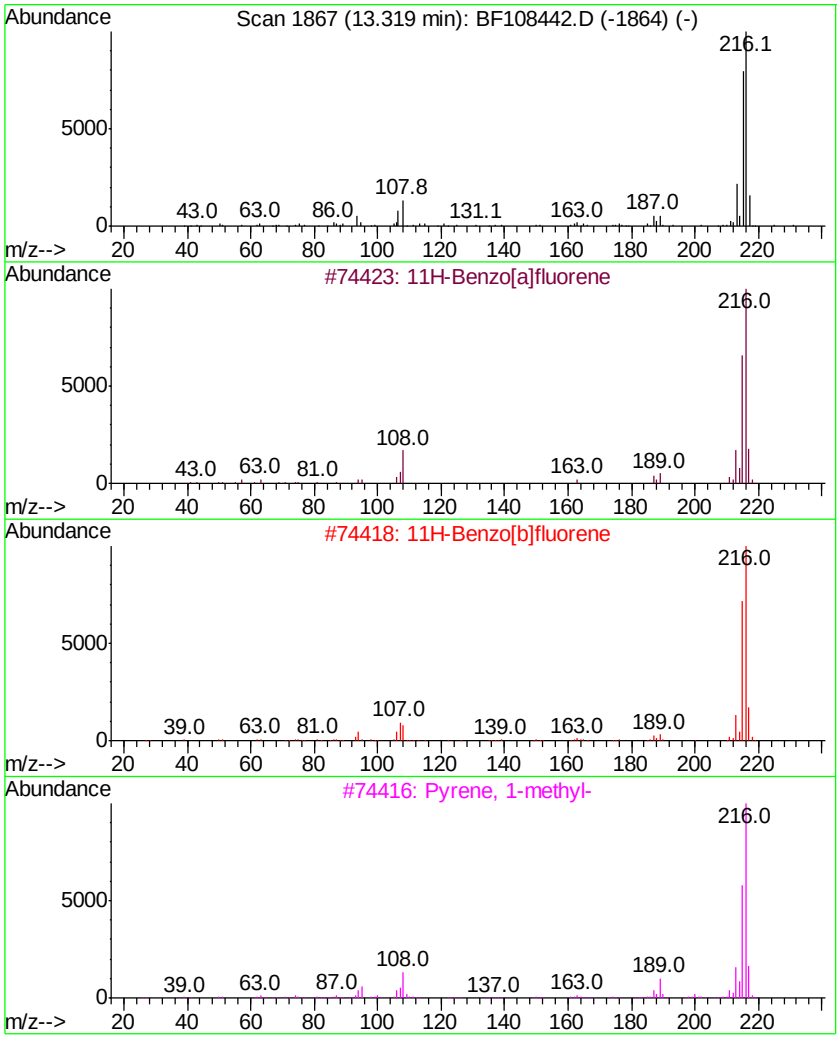
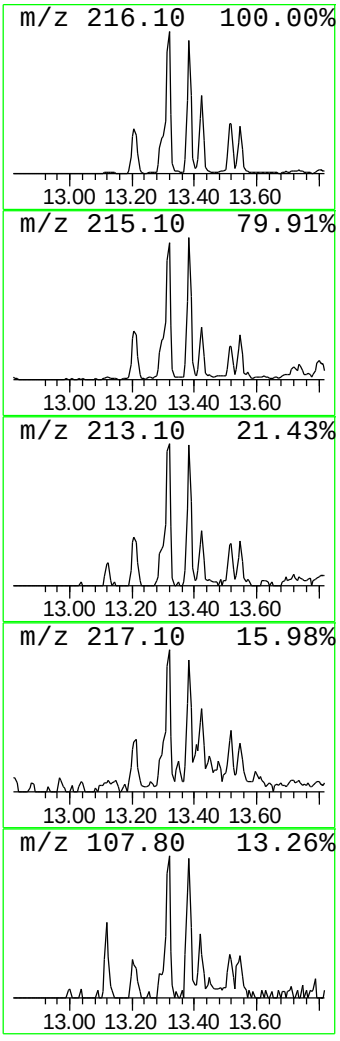
Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.35 ng	161664	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	59





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Data File : BF108442.D
Acq On : 24 Aug 2018 1:05
Operator : JU/SJ
Sample : J4283-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-082118

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

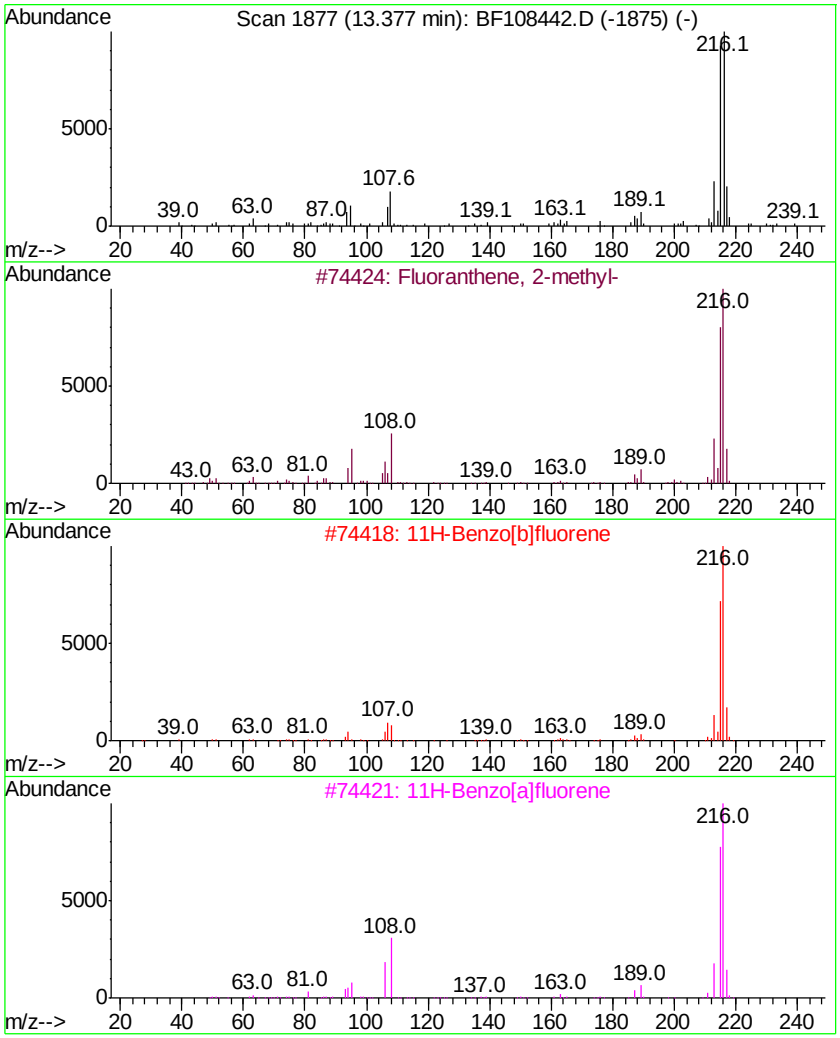
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

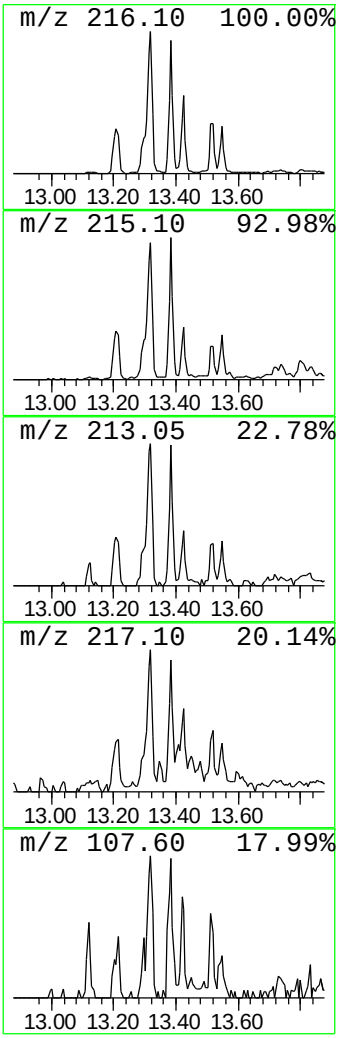
****

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.03 ng	139856	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	4-Trifluoromethylcinnamic acid	216	C10H7F3O2	002062-26-2	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108442.D
Acq On : 24 Aug 2018 1:05
Operator : JU/SJ
Sample : J4283-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-082118

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

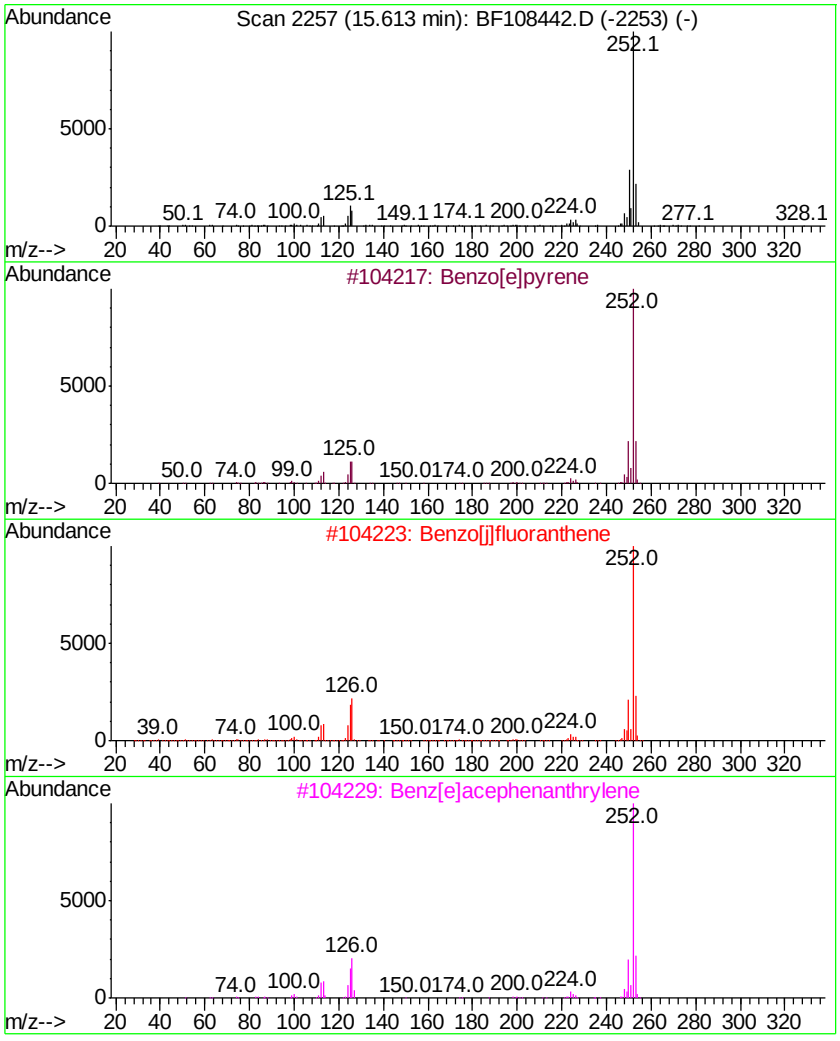
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

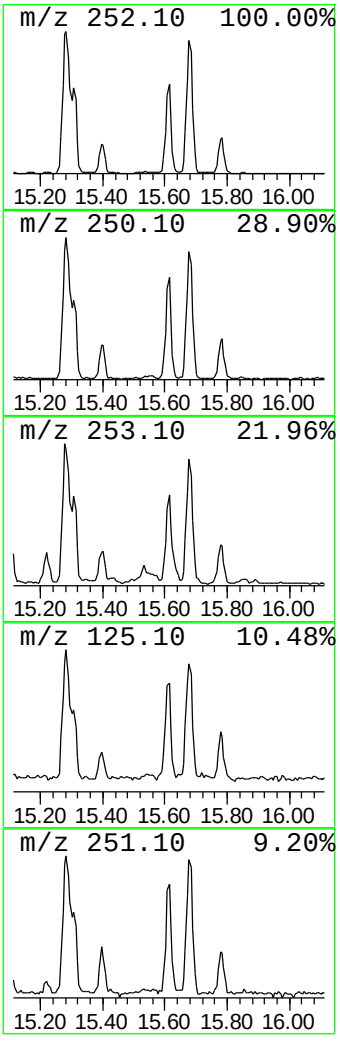
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	9.25 ng	317599	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108442.D
Acq On : 24 Aug 2018 1:05
Operator : JU/SJ
Sample : J4283-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-082118

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
unknown6.77	6.77	10.4	ng	411858	1	7.00	794602	20.0
Phenanthrene, 2-m...	12.07	2.1	ng	97348	4	11.54	919467	20.0
4H-Cyclopenta[def...	12.16	5.0	ng	230137	4	11.54	919467	20.0
9,12-Octadecadien...	12.60	3.5	ng	161953	4	11.54	919467	20.0
12-Octadecenoic a...	12.62	6.7	ng	309493	4	11.54	919467	20.0
11H-Benzo[a]fluorene	13.32	2.4	ng	161664	5	14.20	1376520	20.0
Fluoranthene, 2-m...	13.38	2.0	ng	139856	5	14.20	1376520	20.0
Benzo[e]pyrene	15.61	9.3	ng	317599	6	15.75	686984	20.0