LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109623.D
Acq On : 5 Oct 2018 22:00
Operator : JU/SJ
Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

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-BF092218.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	4.892	474	477	488	rVB	47631	56772	3.62%	0.184%
2	5.322	546	550	571	rBV	1228601	1346945	85.94%	4.364%
3	6.351	721	725	742	rBV	1275941	1472326	93.94%	4.770%
4	6.475	742	746	758	rVV	1547388	1472662	93.96%	4.771%
5	6.698	781	784	794	rBV	424490	466859	29.79%	1.512%
6	6.857	807	811	821	rBV	1226853	1087034	69.36%	3.522%
7	7.263	876	880	899	rBV	841013	935541	59.69%	3.031%
8	7.981	999	1002	1004	rBV	650831	541324	34.54%	1.754%
9	8.004	1004	1006	1031	rVB	183129	239016	15.25%	0.774%
10	8.692	1120	1123	1131	rBV	58470	67636	4.32%	0.219%
11	8.792	1136	1140	1147	rVB	57449	52171	3.33%	0.169%
12	9.057	1181	1185	1196	rBV	1574131	1374150	87.68%	4.452%
13	9.392	1238	1242	1245	rBV	41265	42377	2.70%	0.137%
14	9.451	1249	1252	1258	rVV	465362	381413	24.34%	1.236%
15	9.727	1294	1299	1303	rBV	682955	634287	40.47%	2.055%
16	9.763	1303	1305	1310	rVB	170622	142911	9.12%	0.463%
17	9.933	1331	1334	1339	rBV	118527	132346	8.44%	0.429%
18	10.274	1389	1392	1398	rBV	183111	181054	11.55%	0.587%
19	10.433	1416	1419	1427	rVB	54645	53030	3.38%	0.172%
20	10.516	1429	1433	1447	rVV	874090	917254	58.52%	2.972%
21	10.639	1452	1454	1461	rVB2	25513	30004	1.91%	0.097%
22	10.822	1478	1485	1488	rBV3	39141	62506	3.99%	0.203%
23	10.951	1502	1507	1509	rBV3	27674	36939	2.36%	0.120%
24	11.016	1516	1518	1523	rVB	69445	68075	4.34%	0.221%
25	11.069	1523	1527	1531	rVV3	47597	71633	4.57%	0.232%
26	11.104	1531	1533	1539	rVB	99925	100744	6.43%	0.326%
27	11.210	1547	1551	1553	rBV	574970	611181	39.00%	1.980%
28	11.233	1553	1555	1559	rVV	1688299	1478924	94.36%	4.791%
29	11.286	1560	1564	1568	rVV	333697	380668	24.29%	1.233%
30	11.321	1568	1570	1576	rVB2	36379	44328	2.83%	0.144%
31	11.439	1585	1590	1598	rBV2	150040	227766	14.53%	0.738%
32	11.504	1598	1601	1605	rVV3	32063	39253	2.50%	0.127%
33	11.545	1605	1608	1612	rVB5	24595	35178	2.24%	0.114%
34	11.710	1632	1636	1638	rBV	189842	178217	11.37%	0.577%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.739	1638	1641	1646	rVV2	295808	430153	27.45%	1.394%
36	11.786	1646	1649	1651	rVV	102849	110564	7.05%	0.358%
37	11.821	1651	1655	1657	rVV	241198	298059	19.02%	0.966%
38	11.839	1657	1658	1664	rVB	136910	124669	7.95%	0.404%
39	11.916	1669	1671	1674	rBV	32454	27759	1.77%	0.090%
40	12.004	1683	1686	1688	rBV	136601	118084	7.53%	0.383%
41	12.027	1688	1690	1696	rVB	71181	76447	4.88%	0.248%
42	12.151	1706	1711	1714	rBV3	50263	65329	4.17%	0.212%
43	12.180	1714	1716	1719	rBV	30909	28647	1.83%	0.093%
44	12.257	1725	1729	1731	rBV	91863	100575	6.42%	0.326%
45	12.292	1732	1735	1738	rVV2	49628	80322	5.12%	0.260%
46	12.339	1741	1743	1748	rVB2	84153	101952	6.50%	0.330%
47	12.416	1752	1756	1762	rBV	1511589	1542726	98.43%	4.998%
48	12.480	1765	1767	1770	rVB3	33415	35393	2.26%	0.115%
49	12.527	1770	1775	1778	rBV3	68152	94544	6.03%	0.306%
50	12.563	1778	1781	1786	rVB3	68471	87950	5.61%	0.285%
51	12.645	1789	1795	1798	rBV2	1351973	1522554	97.14%	4.933%
52	12.674	1798	1800	1811	rVB2	233822	378752	24.17%	1.227%
53	12.763	1812	1815	1816	rBV	101826	83853	5.35%	0.272%
54	12.786	1816	1819	1827	rVB	1098657	1083323	69.12%	3.510%
55	12.863	1827	1832	1836	rBV3	108309	191191	12.20%	0.619%
56	12.968	1843	1850	1854	rVB2	213330	340420	21.72%	1.103%
57	13.033	1858	1861	1864	rBV	96906	88728	5.66%	0.287%
58	13.074	1864	1868	1872	rBV	164953	194566	12.41%	0.630%
59	13.163	1880	1883	1886	rBV	95056	97454	6.22%	0.316%
60	13.192	1886	1888	1893	rBV	95481	107036	6.83%	0.347%
61	13.368	1912	1918	1920	rBV5	62588	112385	7.17%	0.364%
62	13.392	1920	1922	1925	rVV	57303	63479	4.05%	0.206%
63	13.451	1929	1932	1934	rVV4	26339	34277	2.19%	0.111%
64	13.474	1934	1936	1942	rVV	142396	174353	11.12%	0.565%
65	13.586	1950	1955	1957	rBV2	148707	176863	11.28%	0.573%
66	13.610	1957	1959	1962	rVV	139150	159512	10.18%	0.517%
67	13.633	1962	1963	1965	rVV	91415	85716	5.47%	0.278%
68	13.686	1969	1972	1980	rVV2	252240	326561	20.84%	1.058%
69	13.751	1981	1983	1986	rVV	25834	28277	1.80%	0.092%
70	13.833	1990	1997	2000	rBV2	990866	1567310	100.00%	5.078%
71	13.863	2000	2002	2010	rVB	720484	675287	43.09%	2.188%

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Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.939	2010	2015	2018	rBV2	93331	101413	6.47%	0.329%
73	14.010	2024	2027	2029	rBV2	62179	58884	3.76%	0.191%
74	14.062	2034	2036	2039	rVV	61357	55713	3.55%	0.180%
75	14.186	2054	2057	2059	rBV2	43551	40973	2.61%	0.133%
76	14.221	2059	2063	2066	rBV	155979	145209	9.26%	0.470%
77	14.257	2066	2069	2072	rVB	71286	69669	4.45%	0.226%
78	14.315	2073	2079	2082	rBV4	130483	169864	10.84%	0.550%
79	14.345	2082	2084	2086	rBV	59141	52389	3.34%	0.170%
80	14.527	2112	2115	2117	rBV	45480	46232	2.95%	0.150%
81	14.610	2125	2129	2131	rBV2	123339	137060	8.74%	0.444%
82	14.674	2137	2140	2142	rBV2	59244	72957	4.65%	0.236%
83	14.845	2164	2169	2178	rBV	532333	1022589	65.24%	3.313%
84	14.915	2178	2181	2184	rVV	159430	184585	11.78%	0.598%
85	14.939	2184	2185	2189	rVB	94574	83929	5.35%	0.272%
86	15.121	2212	2216	2222	rVB	279638	358879	22.90%	1.163%
87	15.180	2222	2226	2231	rBV	412807	500805	31.95%	1.622%
88	15.239	2231	2236	2239	rVV	433220	574644	36.66%	1.862%
89	15.268	2239	2241	2248	rVB2	234087	285267	18.20%	0.924%
90	15.668	2305	2309	2314	rVB	107262	155971	9.95%	0.505%
91	15.880	2341	2345	2354	rVB10	32194	69415	4.43%	0.225%
92	16.127	2383	2387	2391	rVB	55627	82433	5.26%	0.267%
93	16.280	2410	2413	2418	rVB5	38046	54148	3.45%	0.175%
94	16.586	2459	2465	2473	rVB2	127842	256095	16.34%	0.830%
95	16.662	2474	2478	2484	rVB2	47984	96402	6.15%	0.312%
96	16.745	2488	2492	2497	rBV	38512	72872	4.65%	0.236%
97	16.798	2498	2501	2506	rVB3	33060	54089	3.45%	0.175%
98	16.992	2528	2534	2543	rVB	92933	197415	12.60%	0.640%
99	17.209	2568	2571	2578	rVB3	26210	42450	2.71%	0.138%
100	19.221	2905	2913	2916	rBV7	18994	47152	3.01%	0.153%

Sum of corrected areas: 30867097

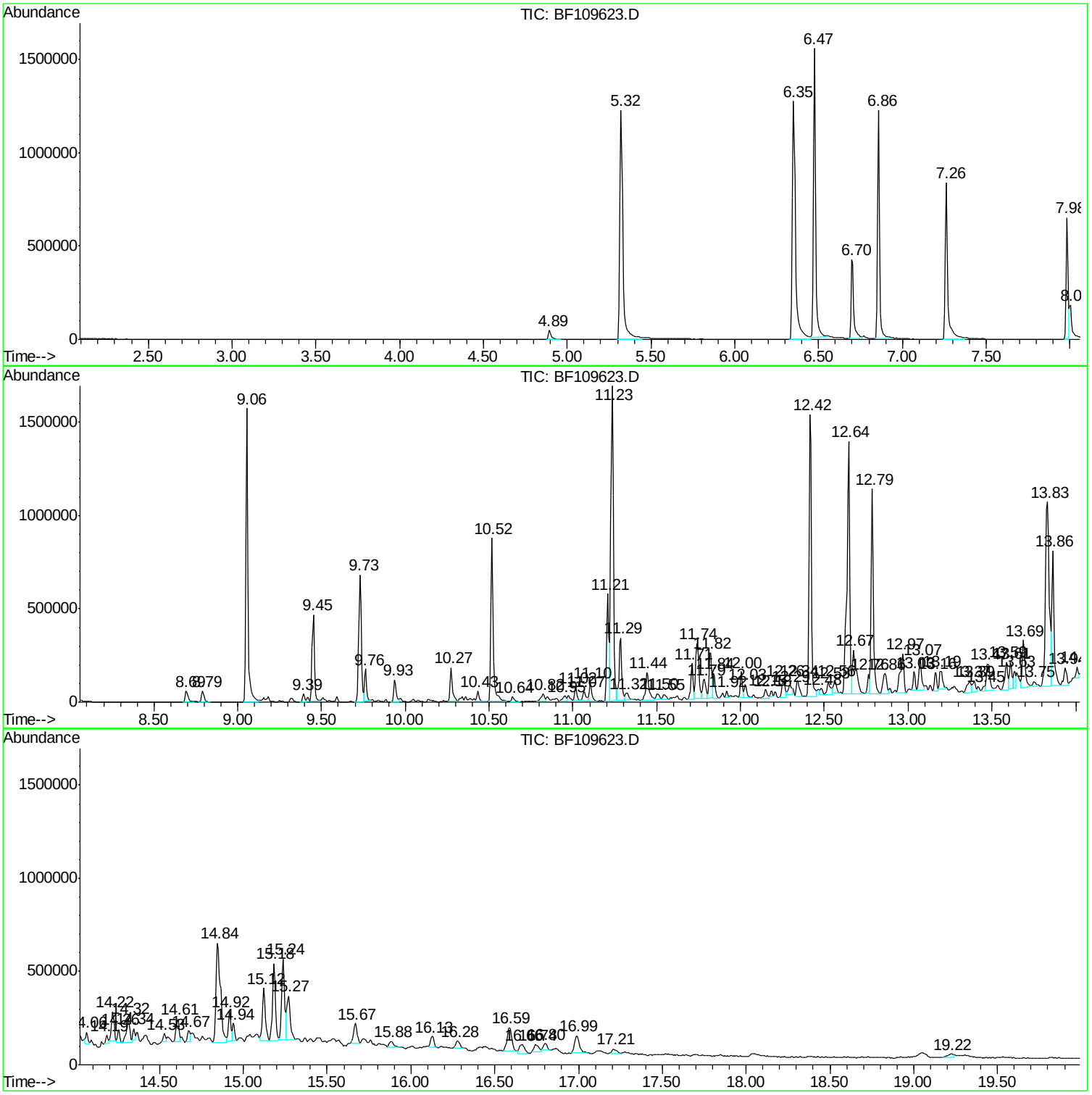
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109623.D
Acq On : 5 Oct 2018 22:00
Operator : JU/SJ
Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID12-COMP-100318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF100518\
Data File : BF109623.D
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

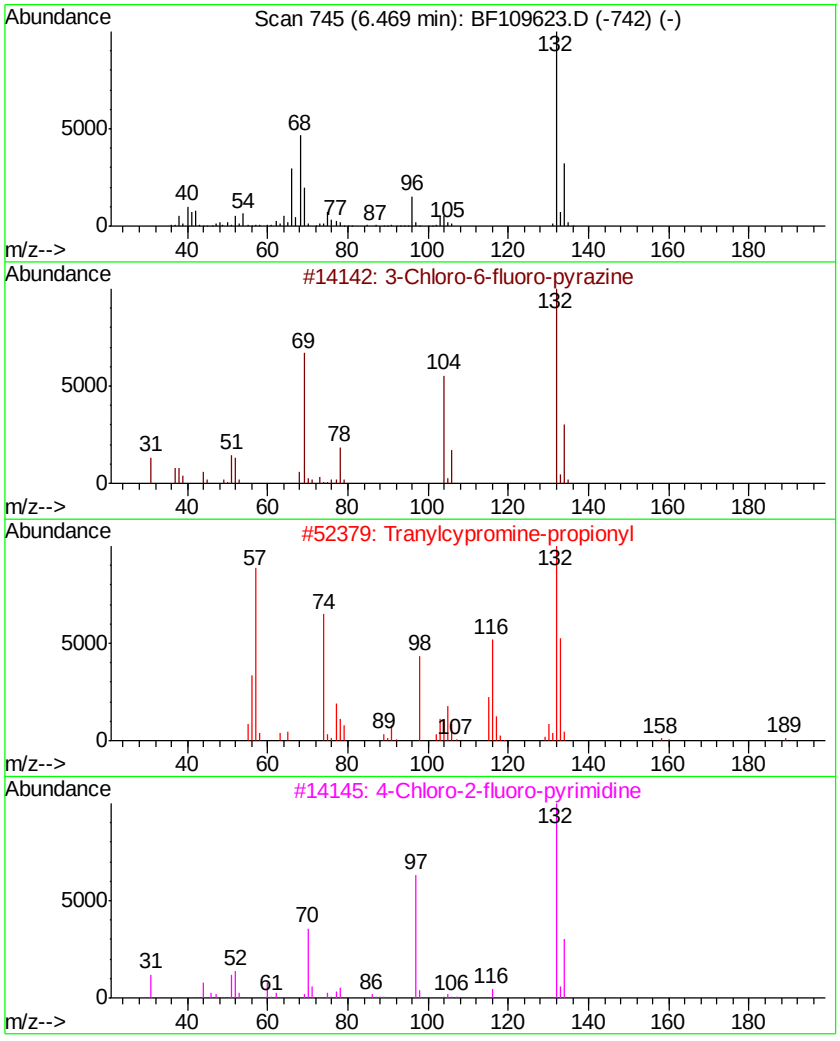
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

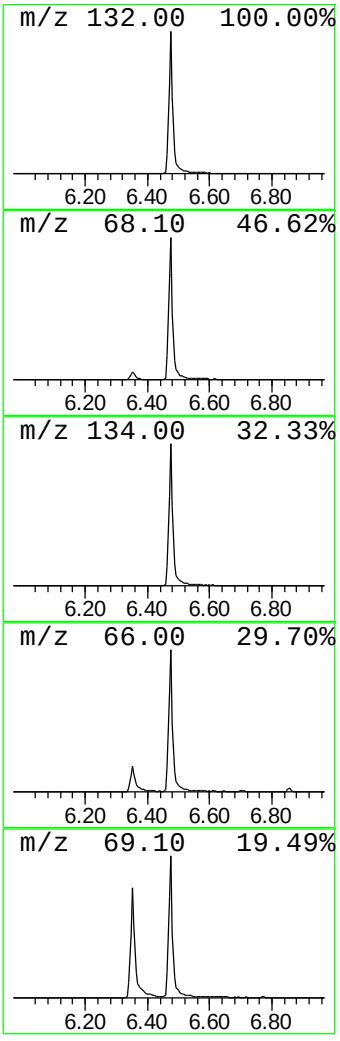
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	63.09 ng	1472660	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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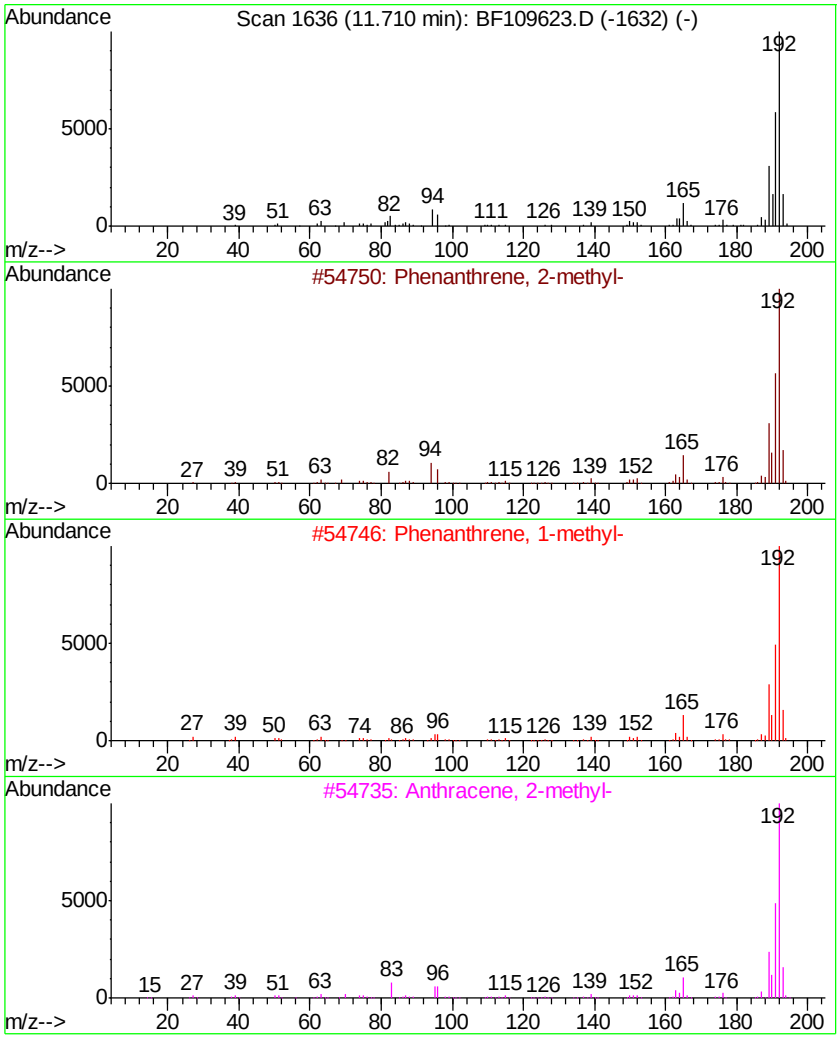
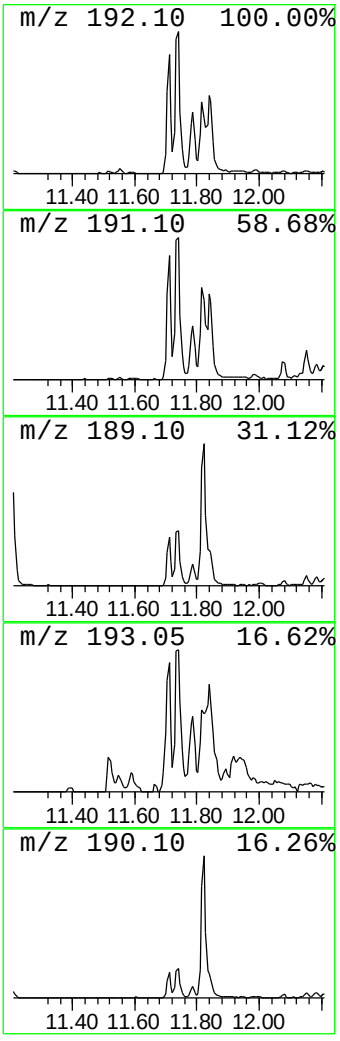
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	5.83 ng	178217	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
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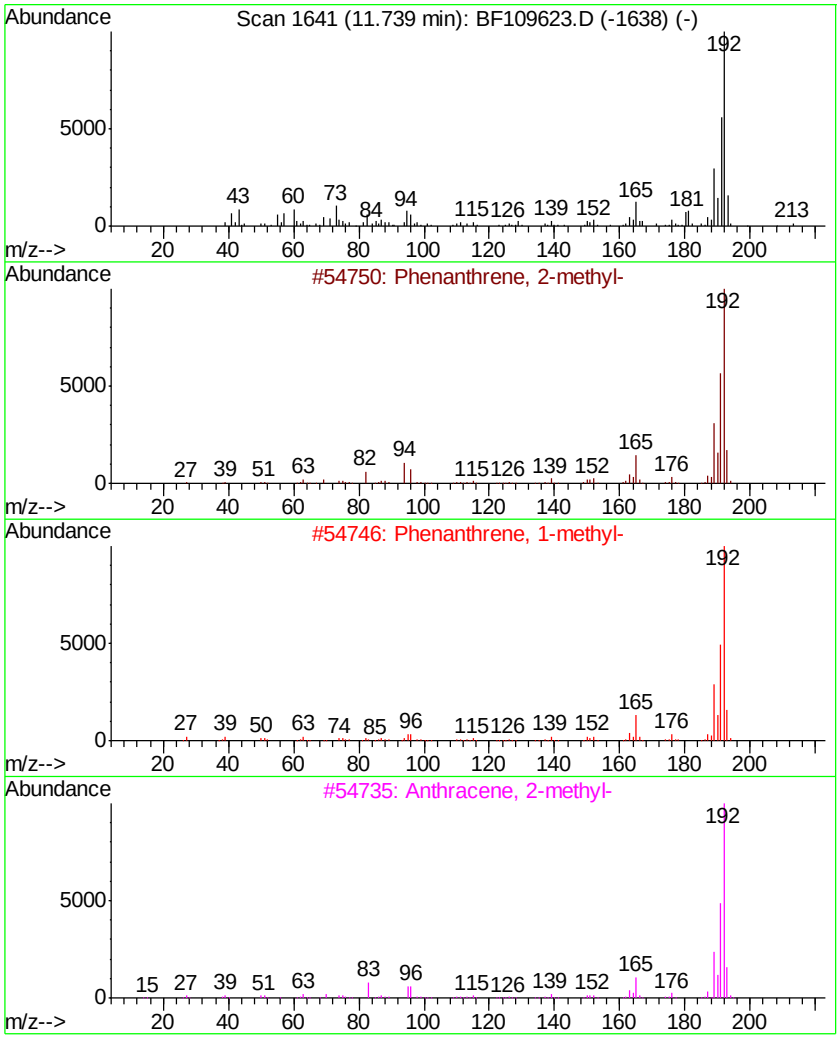
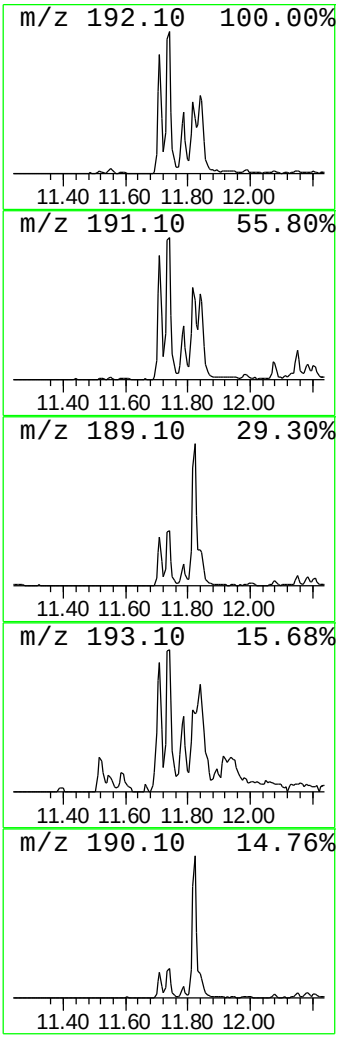
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	14.08 ng	430153	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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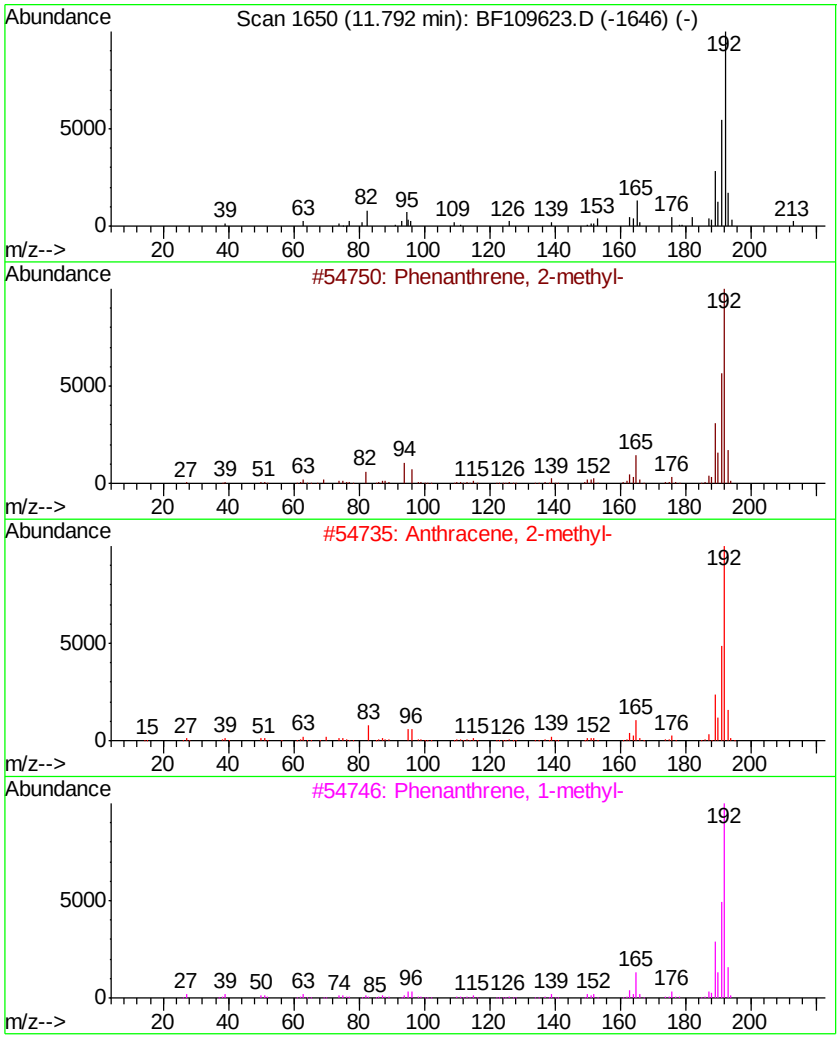
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

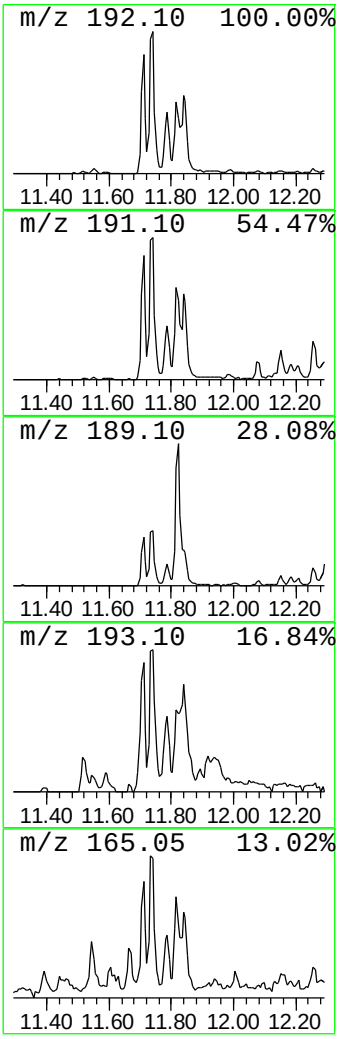
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.62 ng	110564	Phenanthrene-d10	11.21

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





Library Search Compound Report

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Data File : BF109623.D
Acq On : 5 Oct 2018 22:00
Operator : JU/SJ
Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

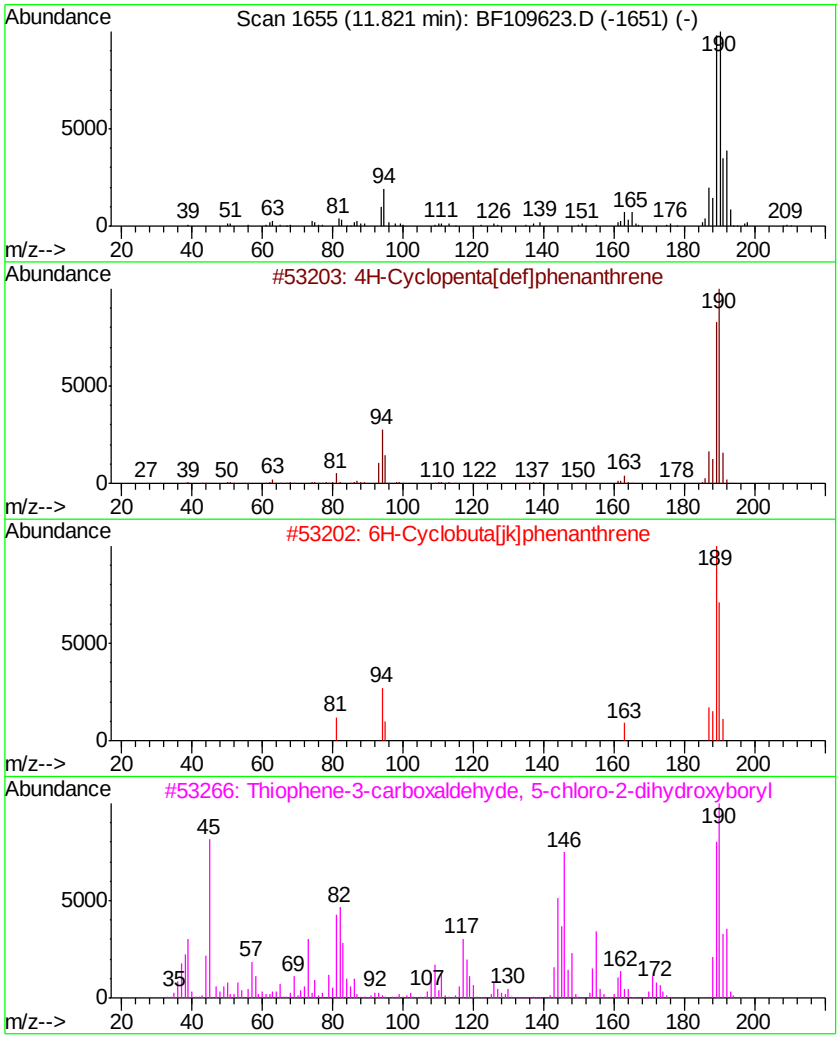
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

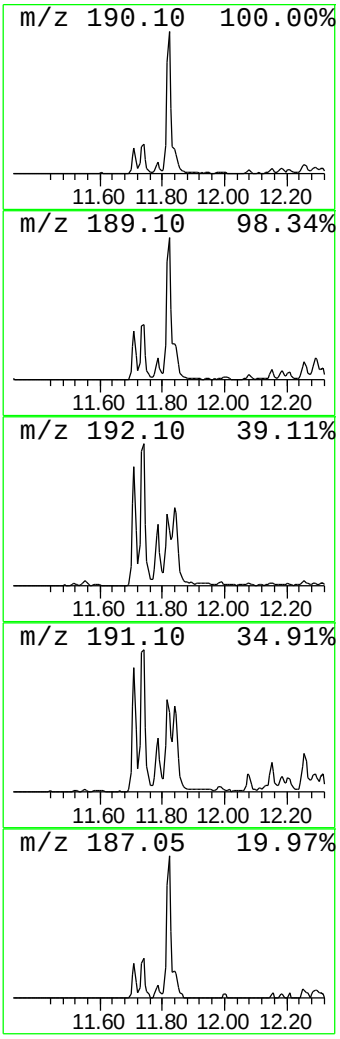
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	9.75 ng	298059	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Library Search Compound Report

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Acq On : 5 Oct 2018 22:00
Operator : JU/SJ
Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

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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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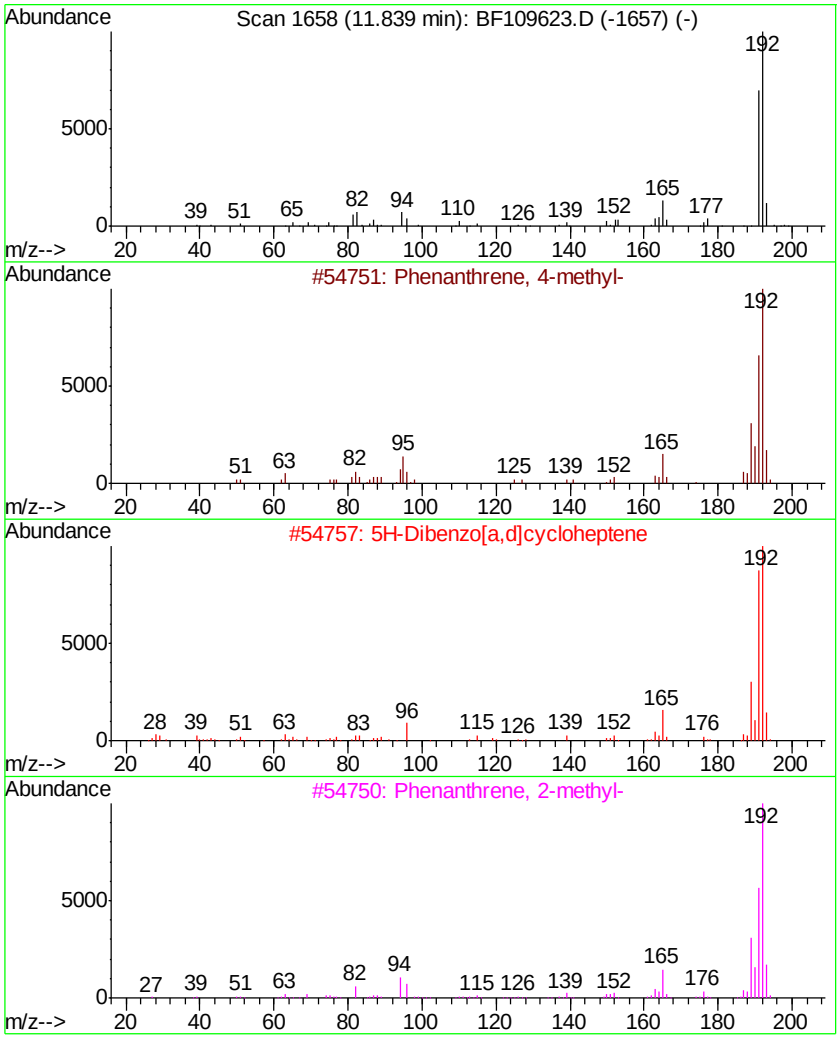
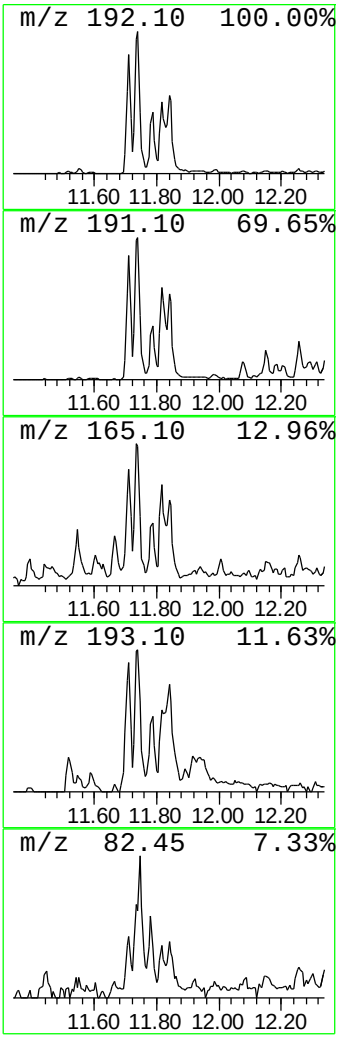
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	4.08 ng	124669	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80





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Sample : J5263-03
Misc :
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Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

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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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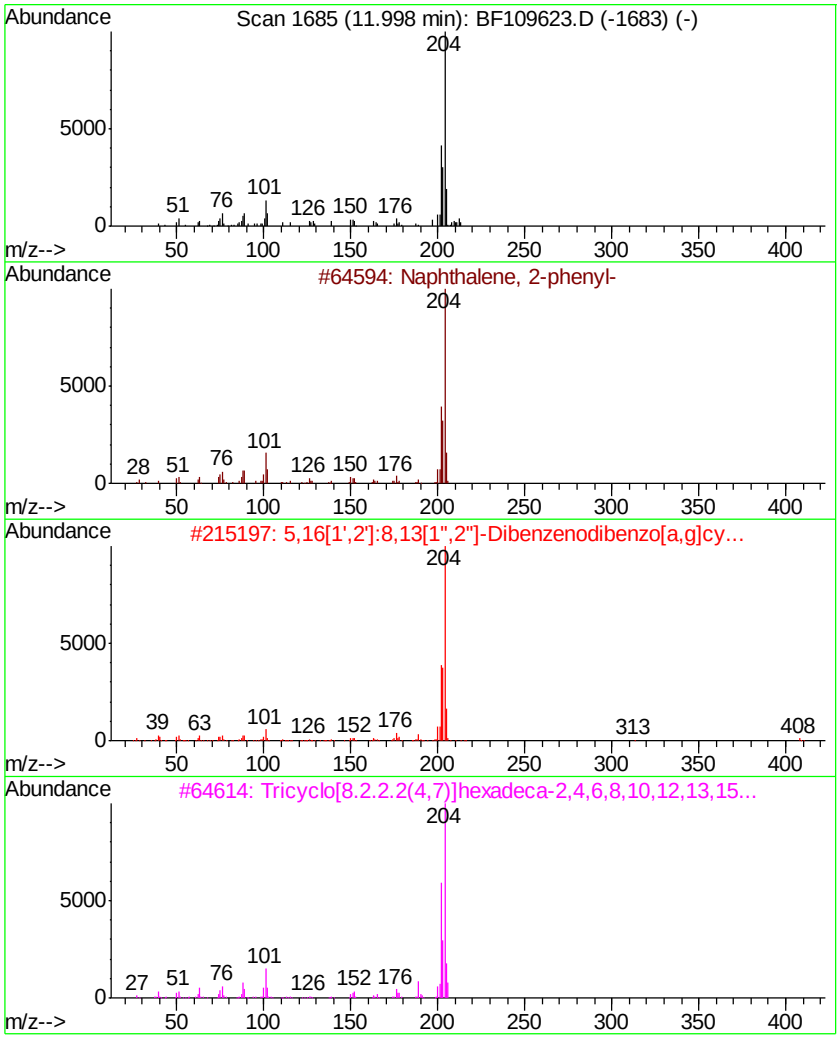
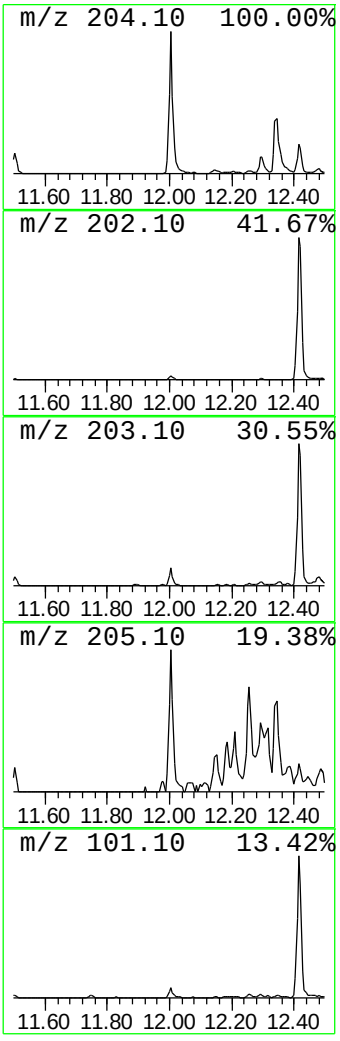
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.86 ng	118084	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	64





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Instrument : BNA_F
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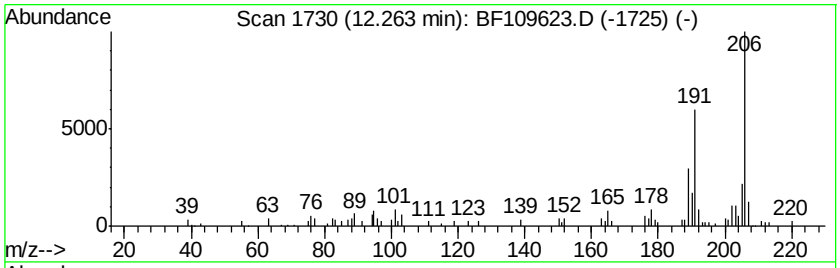
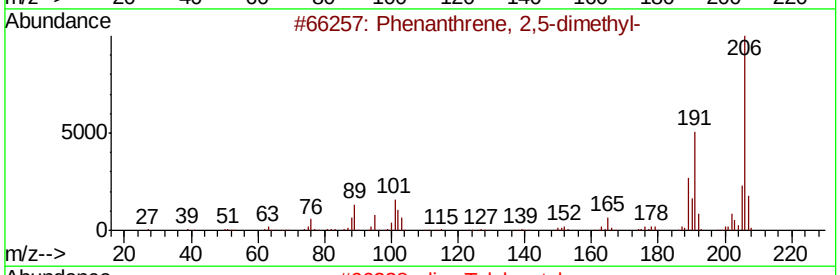
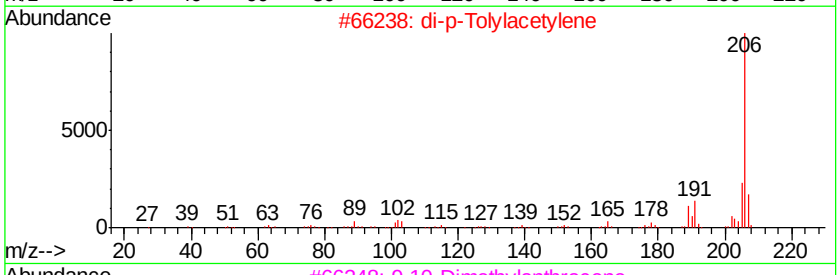
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

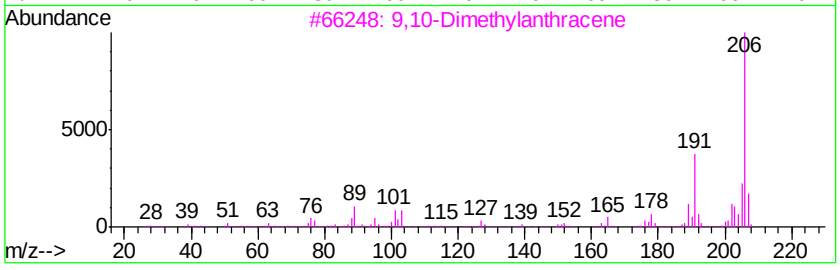
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.29 ng	100575	Phenanthrene-d10	11.21

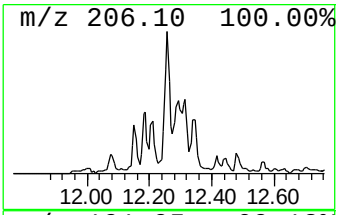
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93

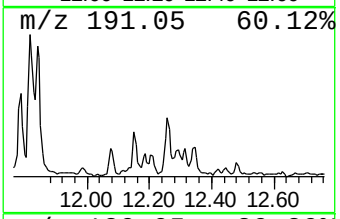


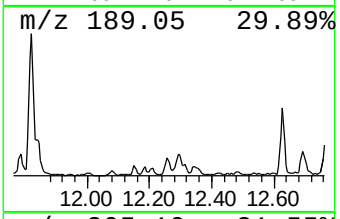


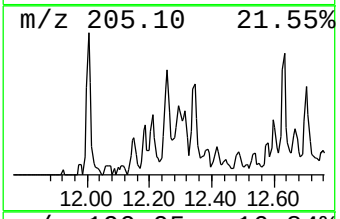


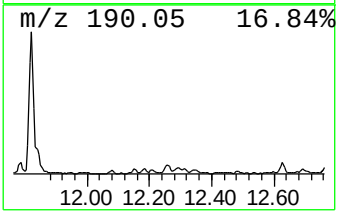












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Data File : BF109623.D
Acq On : 5 Oct 2018 22:00
Operator : JU/SJ
Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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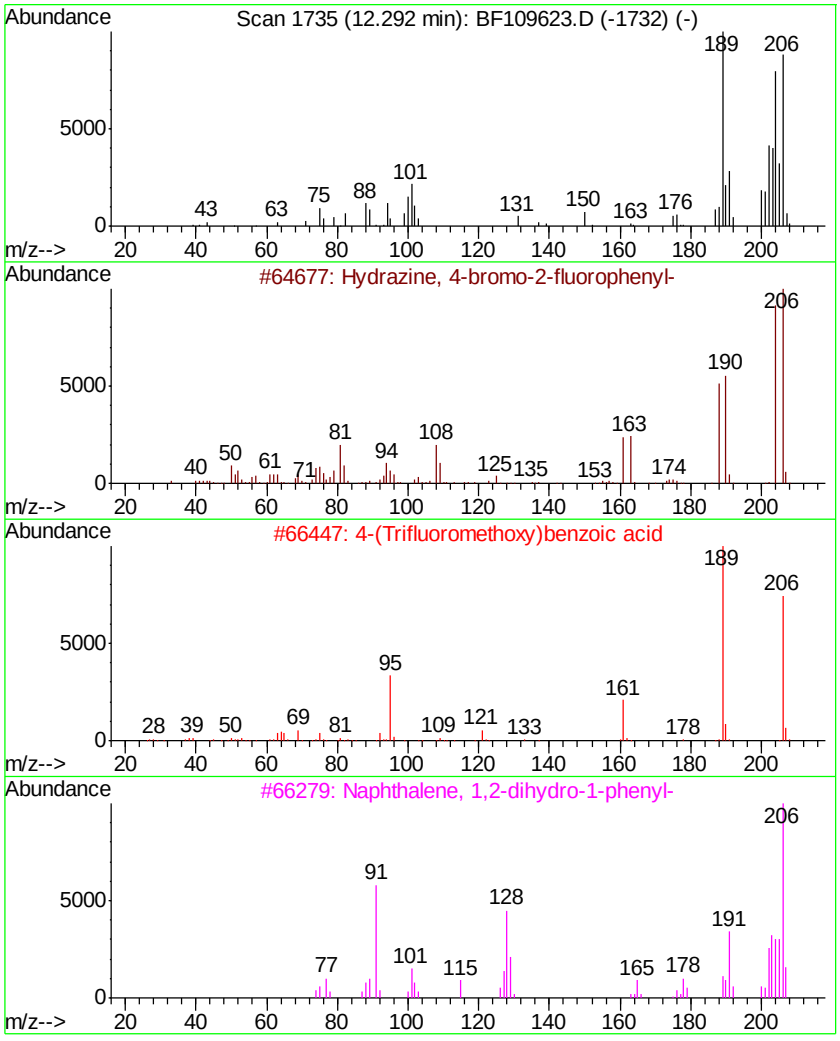
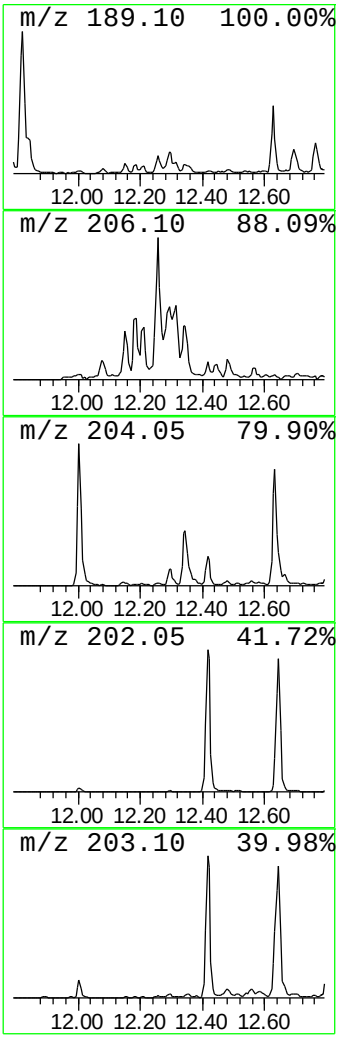
Peak Number 11 unknown12.29 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.63 ng	80322	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 4-bromo-2-fluorophenyl-	204	C6H6BrFN2	299440-17-8	27
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	27
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	25
4	Tetramisole	204	C11H12N2S	005036-02-2	25
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	25





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Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

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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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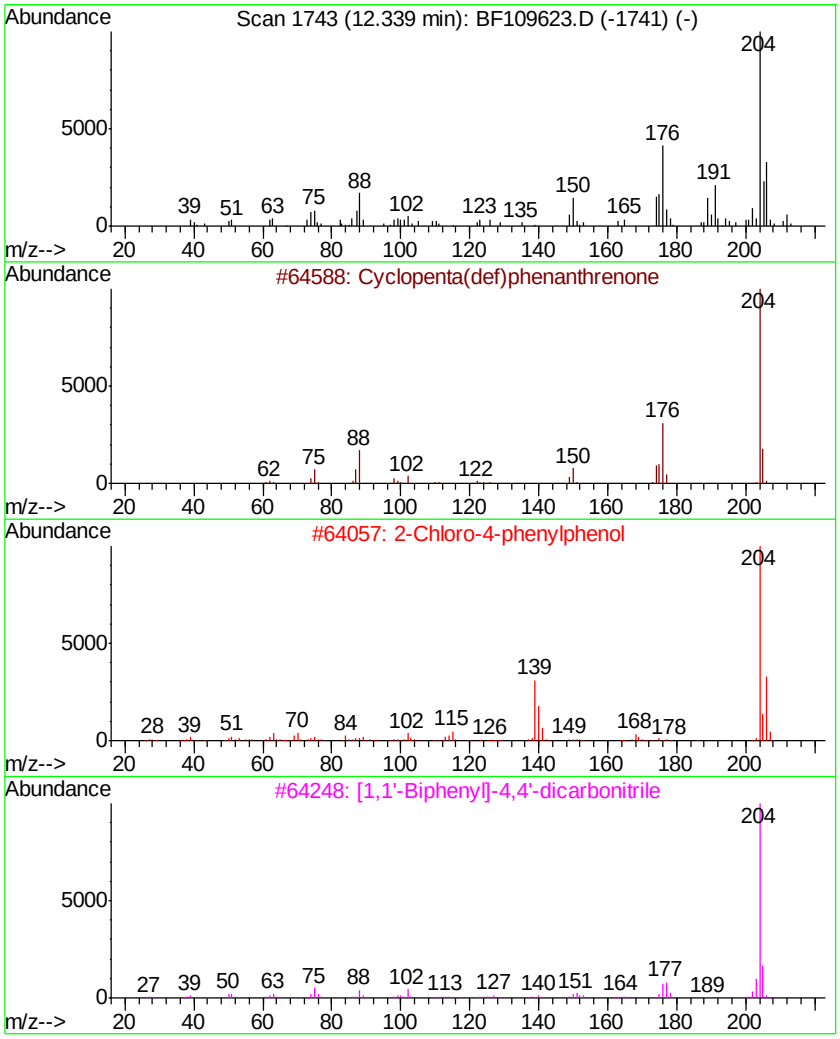
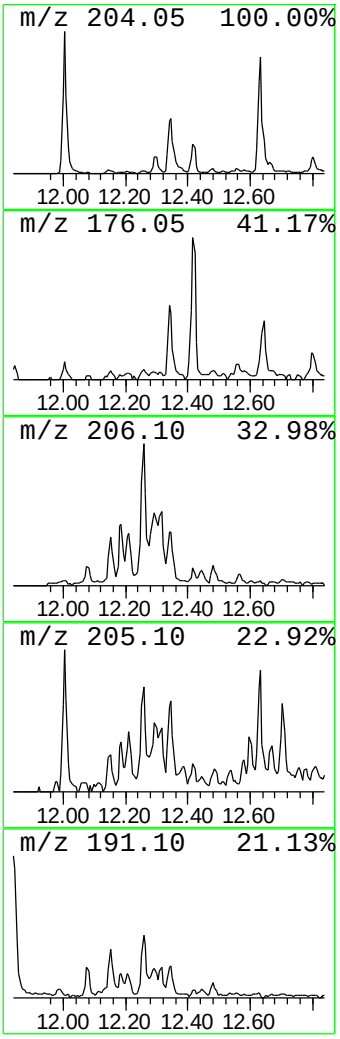
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.34 ng	101952	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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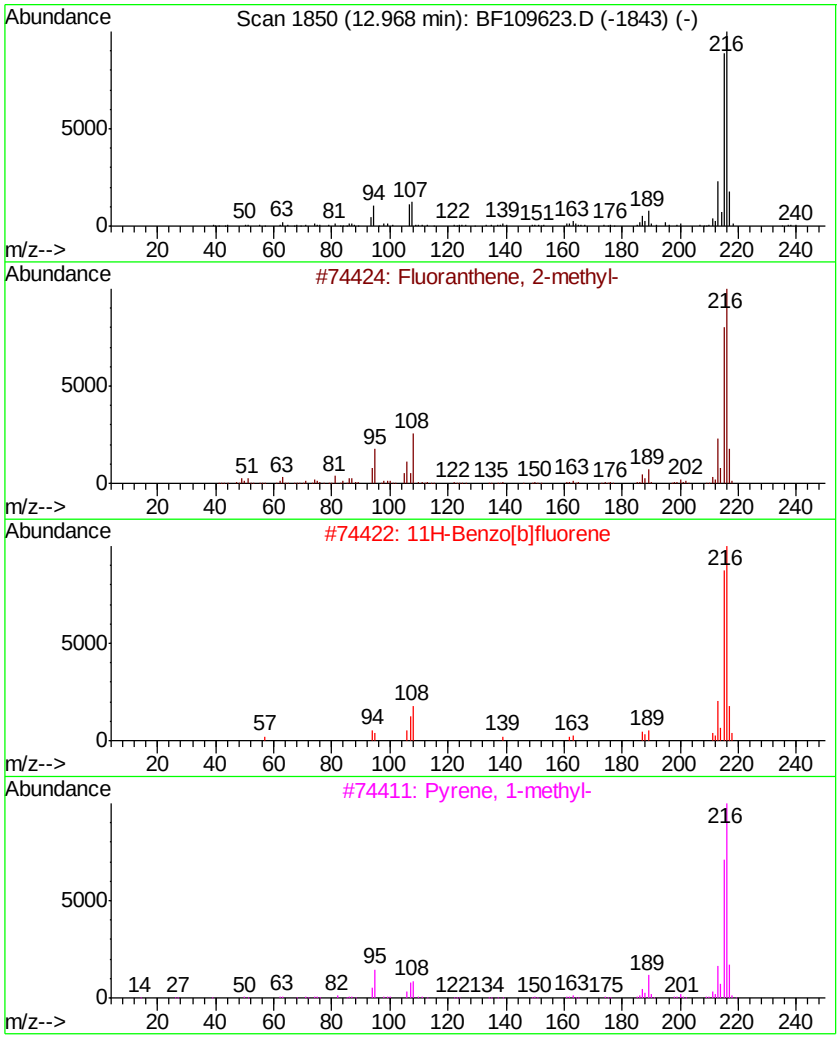
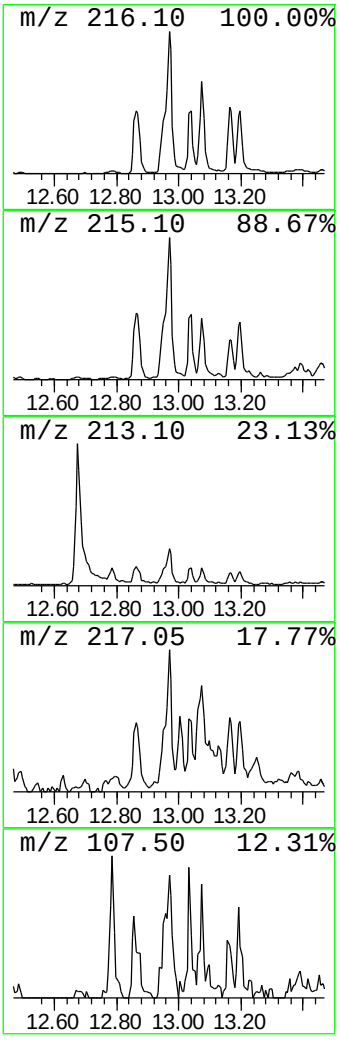
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	4.34 ng	340420	Chrysene-d12	13.84

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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

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

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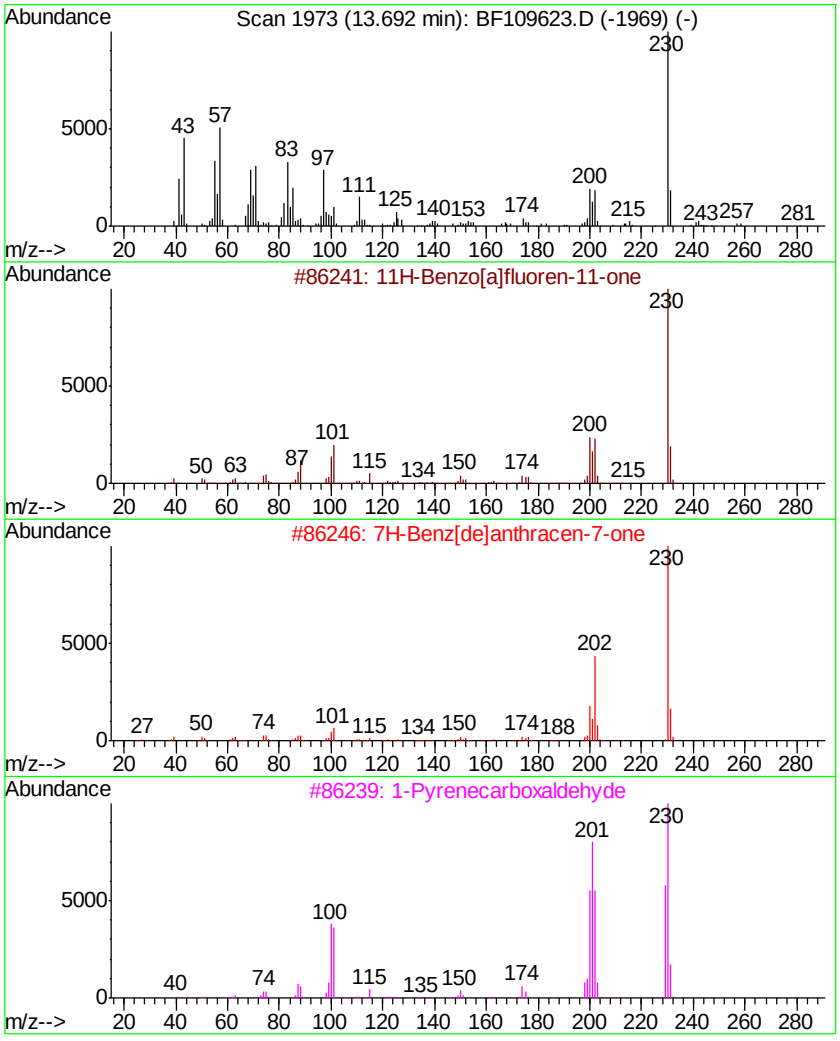
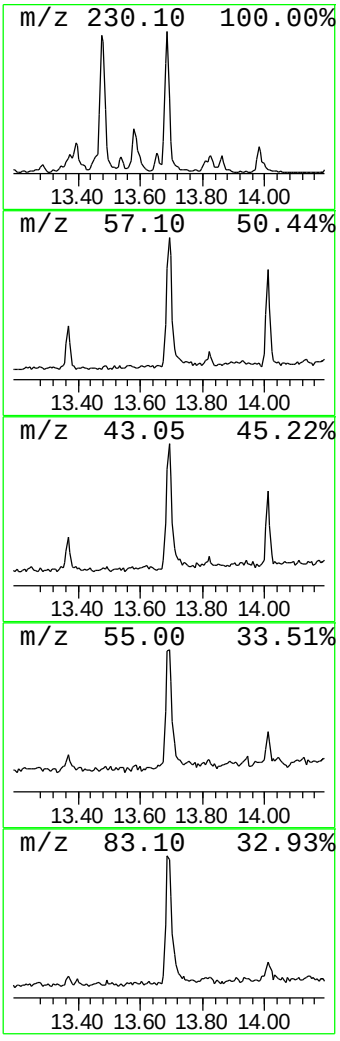
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	4.17 ng	326561	Chrysene-d12	13.84

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	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
4	4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	53
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53





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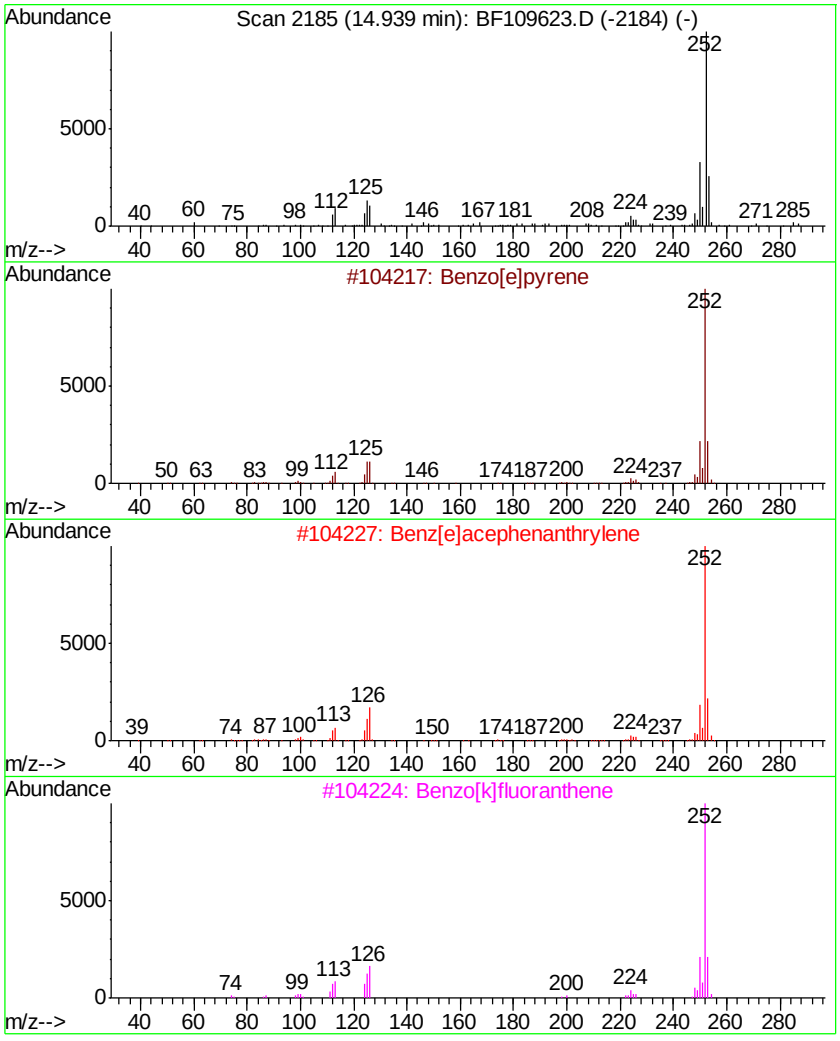
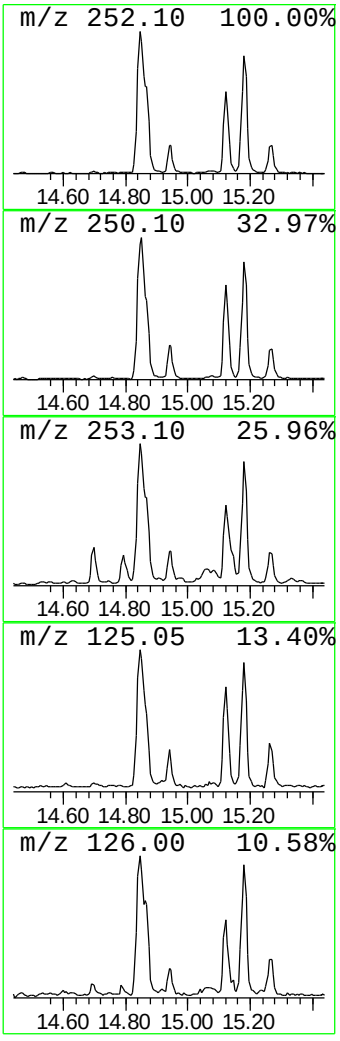
Peak Number 16 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.92 ng	83929	Perylene-d12	15.24

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	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Perylene	252	C20H12	000198-55-0	76





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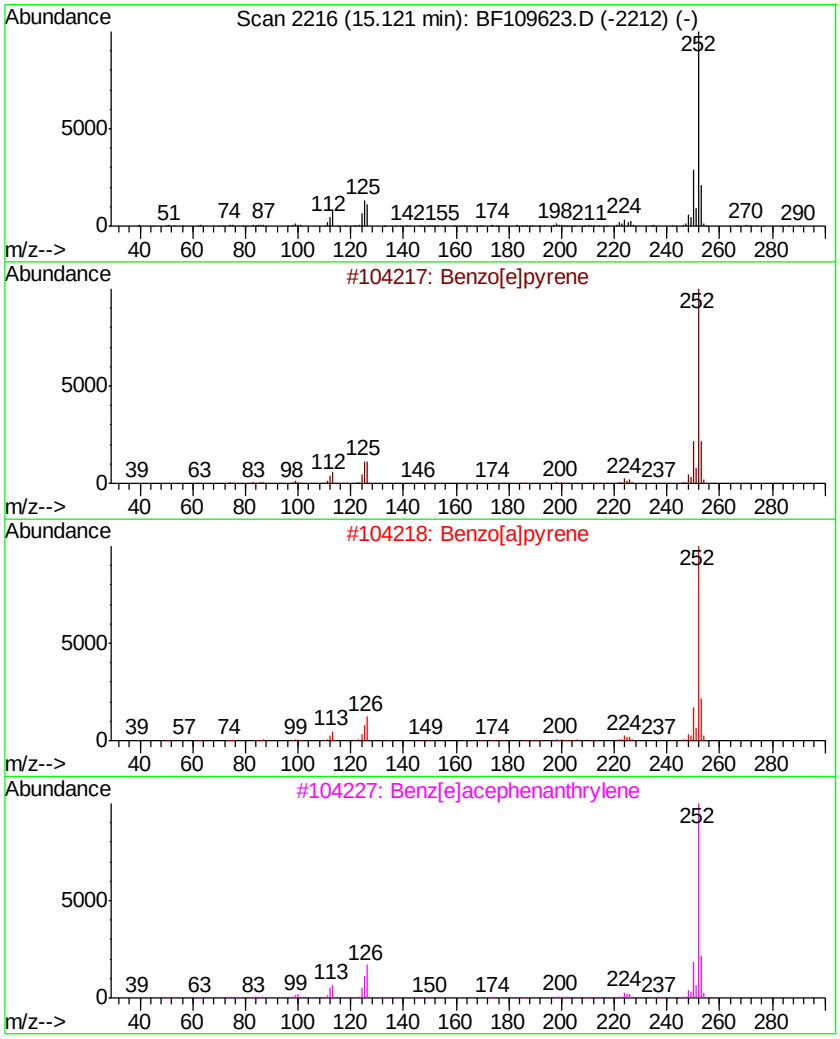
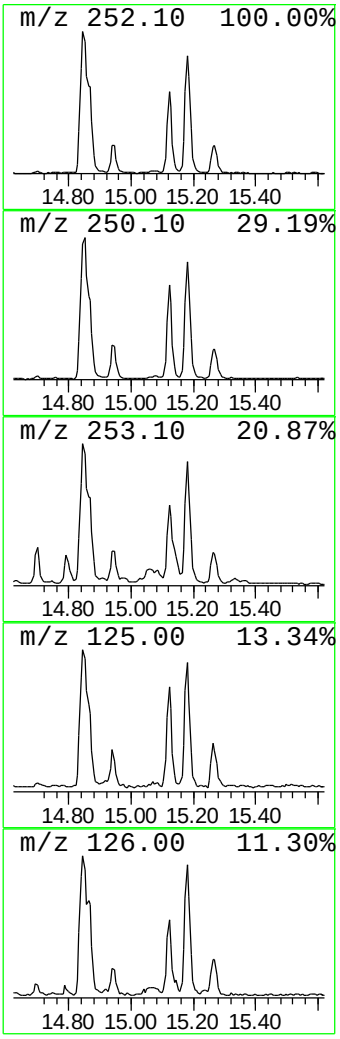
Peak Number 17 Benzo[a]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	12.49 ng	358879	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	90





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ClientSampleId : GRID12-COMP-100318

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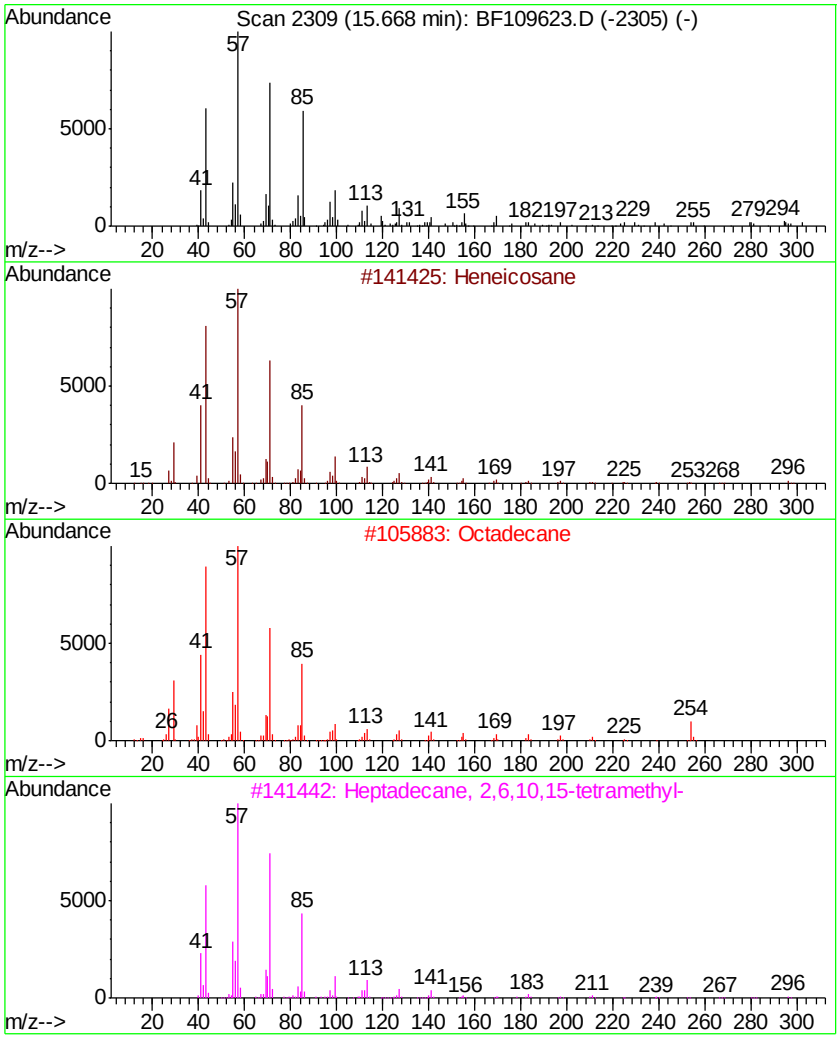
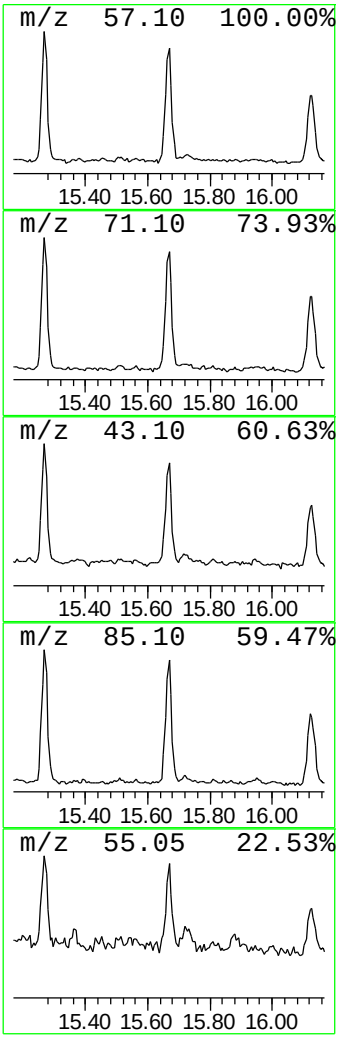
Peak Number 18 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	5.43 ng	155971	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Acq On : 5 Oct 2018 22:00
Operator : JU/SJ
Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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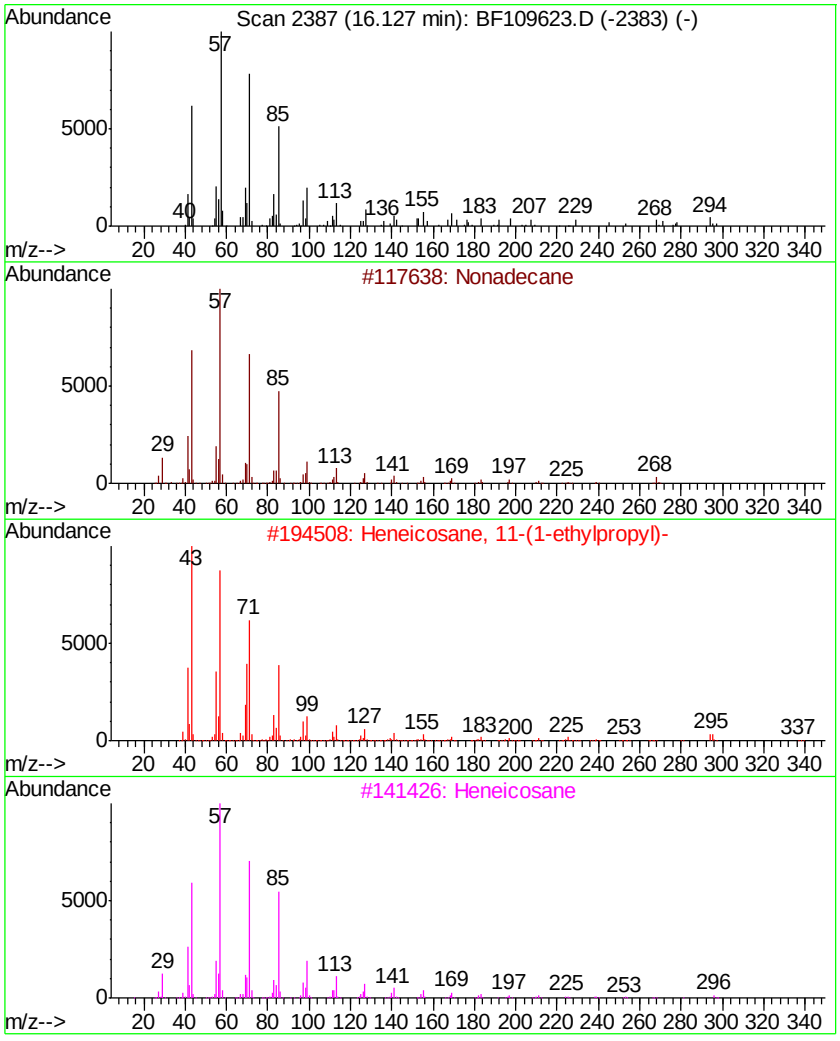
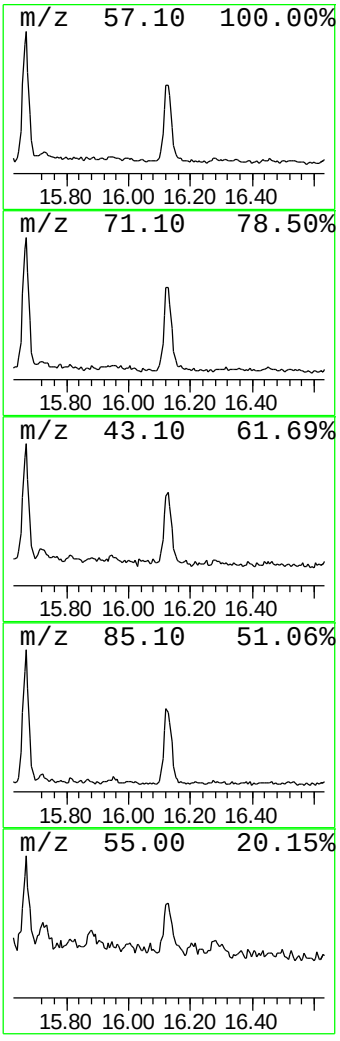
Peak Number 19 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.87 ng	82433	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109623.D
Acq On : 5 Oct 2018 22:00
Operator : JU/SJ
Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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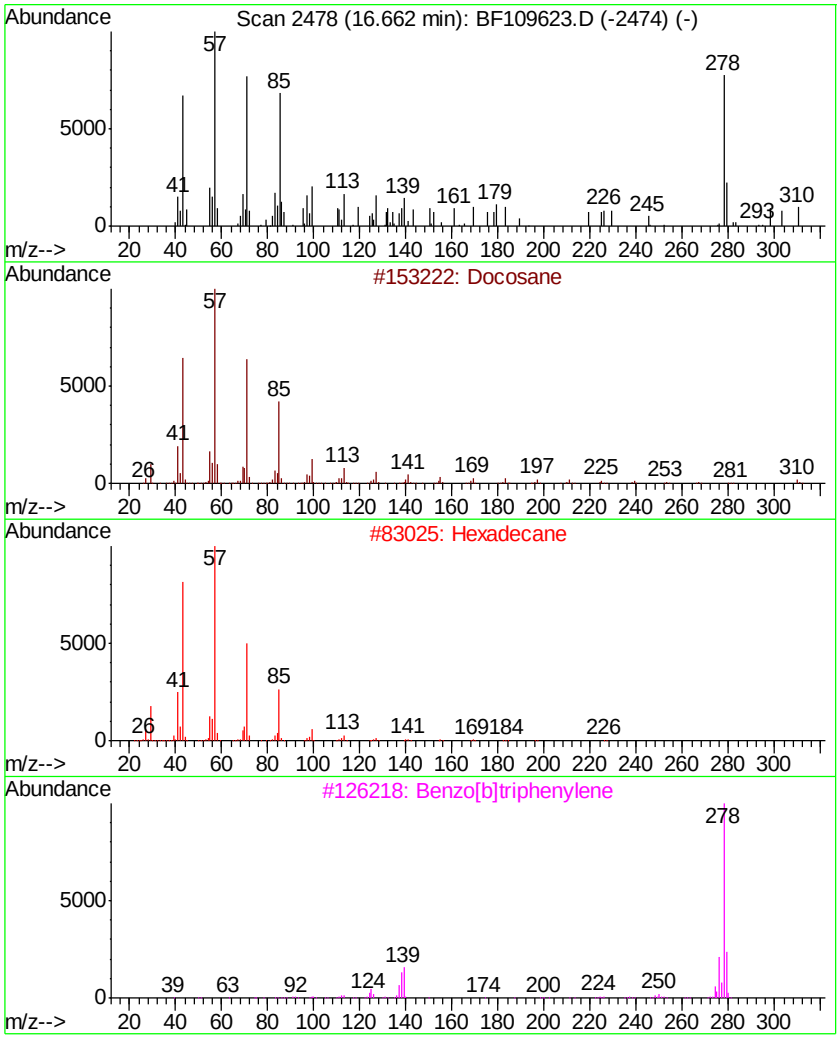
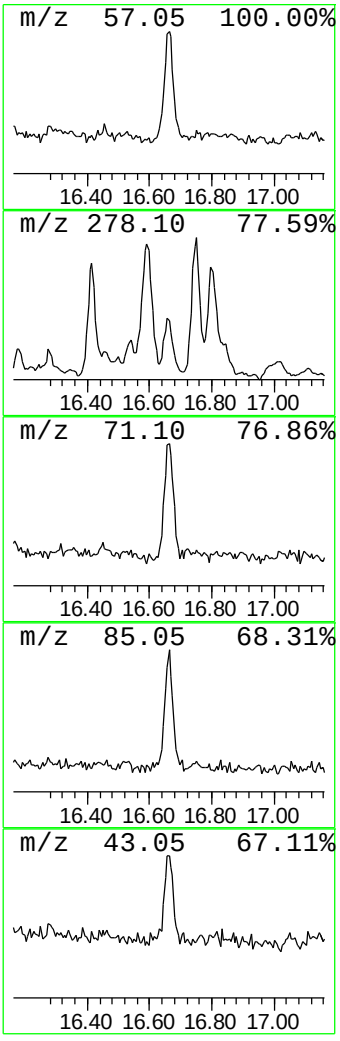
Peak Number 20 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	3.36 ng	96402	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	70
2	Hexadecane	226	C16H34	000544-76-3	50
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	49
4	Octadecane, 2,6,10,14-tetramethyl-	310	C22H46	054964-82-8	46
5	Eicosane	282	C20H42	000112-95-8	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109623.D
Acq On : 5 Oct 2018 22:00
Operator : JU/SJ
Sample : J5263-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID12-COMP-100318

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	63.1	ng	1472660	1	6.70	466859	20.0
Phenanthrene, 2-m...	11.71	5.8	ng	178217	4	11.21	611181	20.0
Phenanthrene, 1-m...	11.74	14.1	ng	430153	4	11.21	611181	20.0
Anthracene, 2-met...	11.79	3.6	ng	110564	4	11.21	611181	20.0
4H-Cyclopenta[def...	11.82	9.8	ng	298059	4	11.21	611181	20.0
Phenanthrene, 4-m...	11.84	4.1	ng	124669	4	11.21	611181	20.0
5,16[1',2']:8,13[...	12.00	3.9	ng	118084	4	11.21	611181	20.0
Phenanthrene, 2,5...	12.26	3.3	ng	100575	4	11.21	611181	20.0
unknown12.29	12.29	2.6	ng	80322	4	11.21	611181	20.0
Cyclopenta(def)ph...	12.34	3.3	ng	101952	4	11.21	611181	20.0
Fluoranthene, 2-m...	12.97	4.3	ng	340420	5	13.84	1567310	20.0
11H-Benzo[a]fluor...	13.69	4.2	ng	326561	5	13.84	1567310	20.0
Benzo[e]pyrene	14.94	2.9	ng	83929	6	15.24	574644	20.0
Benzo[a]pyrene	15.12	12.5	ng	358879	6	15.24	574644	20.0
Heneicosane	15.67	5.4	ng	155971	6	15.24	574644	20.0
Nonadecane	16.13	2.9	ng	82433	6	15.24	574644	20.0
Docosane	16.66	3.4	ng	96402	6	15.24	574644	20.0