LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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	4.898	474	478	489	rBV	64996	77945	3.09%	0.192%
2	5.316	544	549	552	rBV	1987857	1936080	76.85%	4.777%
3	6.351	719	725	742	rVB	2093660	2188543	86.87%	5.400%
4	6.481	742	747	750	rBV	2323614	2105757	83.58%	5.196%
5	6.710	782	786	789	rBV	829850	668802	26.55%	1.650%
6	6.869	808	813	816	rBV	1777812	1609802	63.90%	3.972%
7	7.269	876	881	884	rBV	1503024	1330375	52.81%	3.283%
8	7.992	1000	1004	1006	rBV	1070116	886224	35.18%	2.187%
9	8.010	1006	1007	1010	rVB	102323	59560	2.36%	0.147%
10	8.704	1121	1125	1128	rVB	44347	37960	1.51%	0.094%
11	8.798	1138	1141	1144	rVB	47865	40394	1.60%	0.100%
12	9.069	1182	1187	1190	rBV	2967847	2519362	100.00%	6.216%
13	9.163	1197	1203	1206	rBV3	39005	40258	1.60%	0.099%
14	9.404	1238	1244	1246	rBV	54712	55546	2.20%	0.137%
15	9.457	1250	1253	1256	rBV	716468	573502	22.76%	1.415%
16	9.598	1274	1277	1281	rVB	112537	89306	3.54%	0.220%
17	9.739	1295	1301	1304	rBV2	1184536	1025270	40.70%	2.530%
18	9.774	1304	1307	1310	rVB	166524	149325	5.93%	0.368%
19	9.945	1332	1336	1339	rVB	114801	98030	3.89%	0.242%
20	10.057	1351	1355	1358	rBV2	30992	35792	1.42%	0.088%
21	10.151	1366	1371	1375	rBV5	35389	49124	1.95%	0.121%
22	10.286	1391	1394	1400	rVB	193389	177848	7.06%	0.439%
23	10.351	1400	1405	1406	rBV4	30442	40253	1.60%	0.099%
24	10.445	1418	1421	1426	rVB	68025	67359	2.67%	0.166%
25	10.527	1430	1435	1438	rBV	1686950	1564042	62.08%	3.859%
26	10.651	1453	1456	1464	rVB6	51571	77612	3.08%	0.192%
27	10.833	1480	1487	1489	rBV3	63243	98926	3.93%	0.244%
28	10.963	1503	1509	1510	rBV2	51215	55156	2.19%	0.136%
29	10.980	1510	1512	1515	rVV	49586	47282	1.88%	0.117%
30	11.021	1517	1519	1524	rVB3	66704	70572	2.80%	0.174%
31	11.074	1524	1528	1531	rBV2	52480	66124	2.62%	0.163%
32	11.110	1531	1534	1537	rBV	83122	90208	3.58%	0.223%
33	11.221	1549	1553	1554	rBV	1027618	970897	38.54%	2.396%
34	11.245	1554	1557	1560	rVV	1626022	1363799	54.13%	3.365%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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	11.292	1562	1565	1568	rVB	497140	391950	15.56%	0.967%
36	11.327	1568	1571	1575	rBV2	69903	76323	3.03%	0.188%
37	11.445	1585	1591	1594	rBV2	130498	138954	5.52%	0.343%
38	11.474	1594	1596	1600	rVV3	34516	40136	1.59%	0.099%
39	11.516	1600	1603	1606	rVV2	61283	64837	2.57%	0.160%
40	11.551	1606	1609	1612	rVB3	38461	41018	1.63%	0.101%
41	11.627	1620	1622	1627	rVB	31944	35767	1.42%	0.088%
42	11.721	1634	1638	1640	rBV	205357	191428	7.60%	0.472%
43	11.745	1640	1642	1647	rVV2	327916	395095	15.68%	0.975%
44	11.792	1647	1650	1653	rVV2	174043	150322	5.97%	0.371%
45	11.827	1653	1656	1659	rVV	415152	441845	17.54%	1.090%
46	11.851	1659	1660	1663	rVB	181932	98045	3.89%	0.242%
47	12.010	1684	1687	1690	rBV	166093	168141	6.67%	0.415%
48	12.033	1690	1691	1695	rVB	102937	64009	2.54%	0.158%
49	12.163	1708	1713	1716	rBV2	89092	107329	4.26%	0.265%
50	12.192	1716	1718	1720	rVV	57720	51326	2.04%	0.127%
51	12.215	1720	1722	1725	rVB	53482	42144	1.67%	0.104%
52	12.268	1727	1731	1734	rVV	159779	175972	6.98%	0.434%
53	12.321	1734	1740	1742	rVV4	134969	225750	8.96%	0.557%
54	12.351	1742	1745	1750	rVB3	92516	119075	4.73%	0.294%
55	12.427	1754	1758	1762	rBV	1974435	1807736	71.75%	4.461%
56	12.474	1762	1766	1771	rBV3	83430	122974	4.88%	0.303%
57	12.521	1771	1774	1776	rBV	123652	107270	4.26%	0.265%
58	12.657	1791	1797	1800	rBV	1800593	1897645	75.32%	4.682%
59	12.704	1802	1805	1810	rVB2	86141	128732	5.11%	0.318%
60	12.774	1814	1817	1818	rBV	126528	109617	4.35%	0.270%
61	12.804	1818	1822	1825	rVV	2035845	2041816	81.04%	5.038%
62	12.874	1829	1834	1837	rBV3	137387	215416	8.55%	0.532%
63	12.939	1841	1845	1846	rVV3	56362	66749	2.65%	0.165%
64	12.957	1846	1848	1849	rVV	119996	106034	4.21%	0.262%
65	12.980	1849	1852	1855	rVB	344960	318326	12.64%	0.785%
66	13.045	1860	1863	1866	rBV	275657	231962	9.21%	0.572%
67	13.086	1866	1870	1873	rVV2	211607	216452	8.59%	0.534%
68	13.145	1877	1880	1883	rBV2	42036	57122	2.27%	0.141%
69	13.174	1883	1885	1888	rVB	109934	86863	3.45%	0.214%
70	13.204	1888	1890	1895	rBV2	119570	128882	5.12%	0.318%
71	13.386	1919	1921	1923	rBV2	51062	42250	1.68%	0.104%

LSC Area Percent Report

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Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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

72	13.462	1931	1934	1935	rBV2	42829	46171	1.83%	0.114%
73	13.480	1935	1937	1943	rVB	92890	129624	5.15%	0.320%
74	13.592	1953	1956	1959	rBV2	113505	143598	5.70%	0.354%
75	13.621	1959	1961	1963	rVV	148277	137661	5.46%	0.340%
76	13.645	1963	1965	1970	rVV2	137626	170028	6.75%	0.420%
77	13.692	1971	1973	1975	rVV	93781	76280	3.03%	0.188%
78	13.715	1975	1977	1981	rVB	84643	91478	3.63%	0.226%
79	13.845	1992	1999	2002	rBV3	1327657	1972951	78.31%	4.868%
80	13.874	2002	2004	2009	rVB	832948	696235	27.64%	1.718%
81	13.951	2014	2017	2020	rVV	140325	116790	4.64%	0.288%
82	13.986	2021	2023	2025	rVV	87953	69997	2.78%	0.173%
83	14.027	2028	2030	2033	rVV2	90219	94278	3.74%	0.233%
84	14.068	2033	2037	2040	rVV2	74199	91756	3.64%	0.226%
85	14.233	2062	2065	2068	rVB	176611	151708	6.02%	0.374%
86	14.268	2068	2071	2073	rVB	98736	95527	3.79%	0.236%
87	14.327	2078	2081	2083	rVV3	135506	138321	5.49%	0.341%
88	14.357	2083	2086	2087	rVV2	114184	107484	4.27%	0.265%
89	14.374	2087	2089	2093	rVB2	134975	124957	4.96%	0.308%
90	14.627	2130	2132	2138	rVB3	95166	116928	4.64%	0.289%
91	14.698	2141	2144	2148	rVV2	86538	119435	4.74%	0.295%
92	14.857	2167	2171	2174	rBV	706922	1058466	42.01%	2.612%
93	14.951	2183	2187	2191	rVB2	200300	290064	11.51%	0.716%
94	15.139	2215	2219	2224	rVB	438540	550466	21.85%	1.358%
95	15.198	2224	2229	2234	rBV	651954	795753	31.59%	1.964%
96	15.256	2234	2239	2241	rVV	605205	746350	29.62%	1.842%
97	15.280	2241	2243	2250	rVB3	262575	432438	17.16%	1.067%
98	15.698	2310	2314	2319	rBV	144558	202309	8.03%	0.499%
99	16.603	2463	2468	2476	rVB2	257731	460361	18.27%	1.136%
100	17.009	2532	2537	2545	rVB	182727	327462	13.00%	0.808%

Sum of corrected areas: 40527223

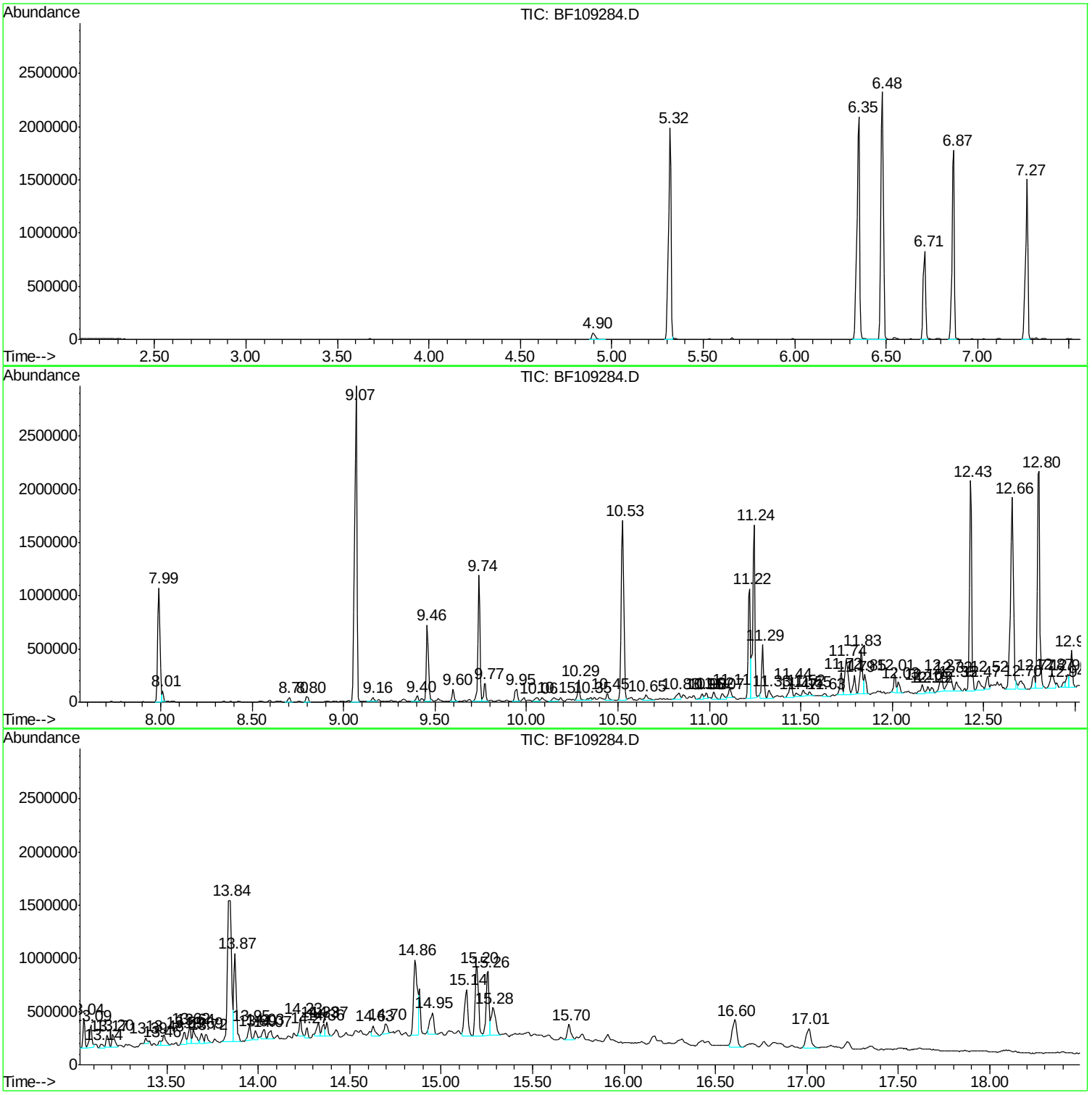
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLRK-PH4-A14-B1

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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

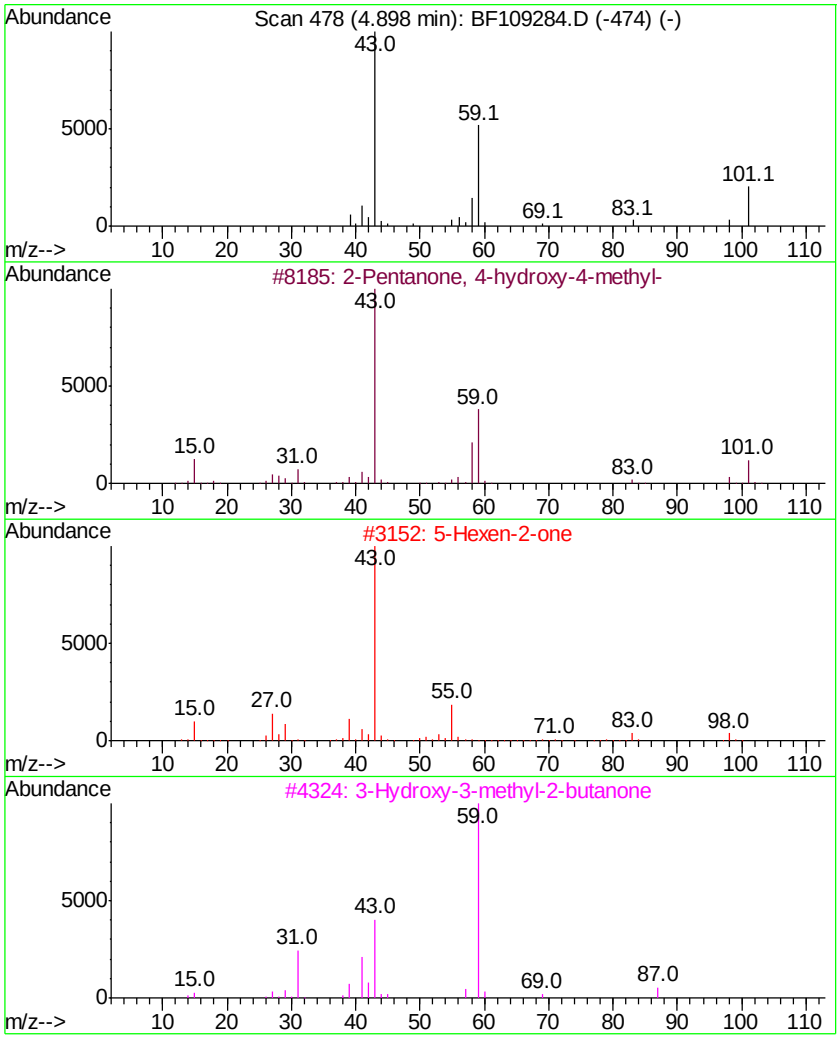
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

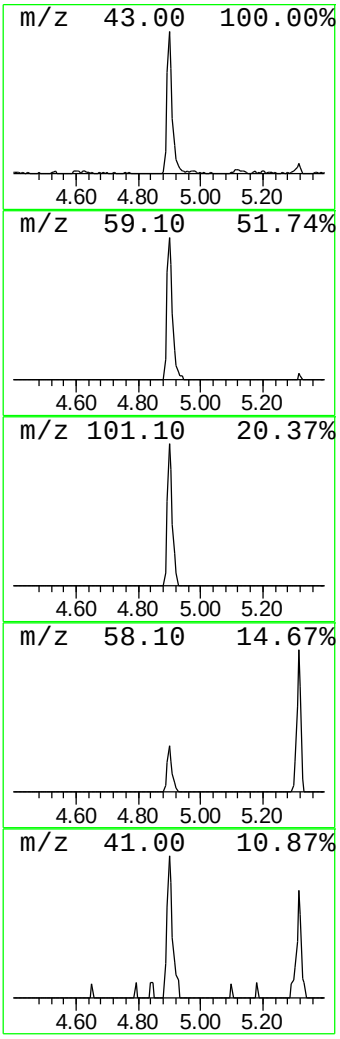
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.33 ng	77945	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
4	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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

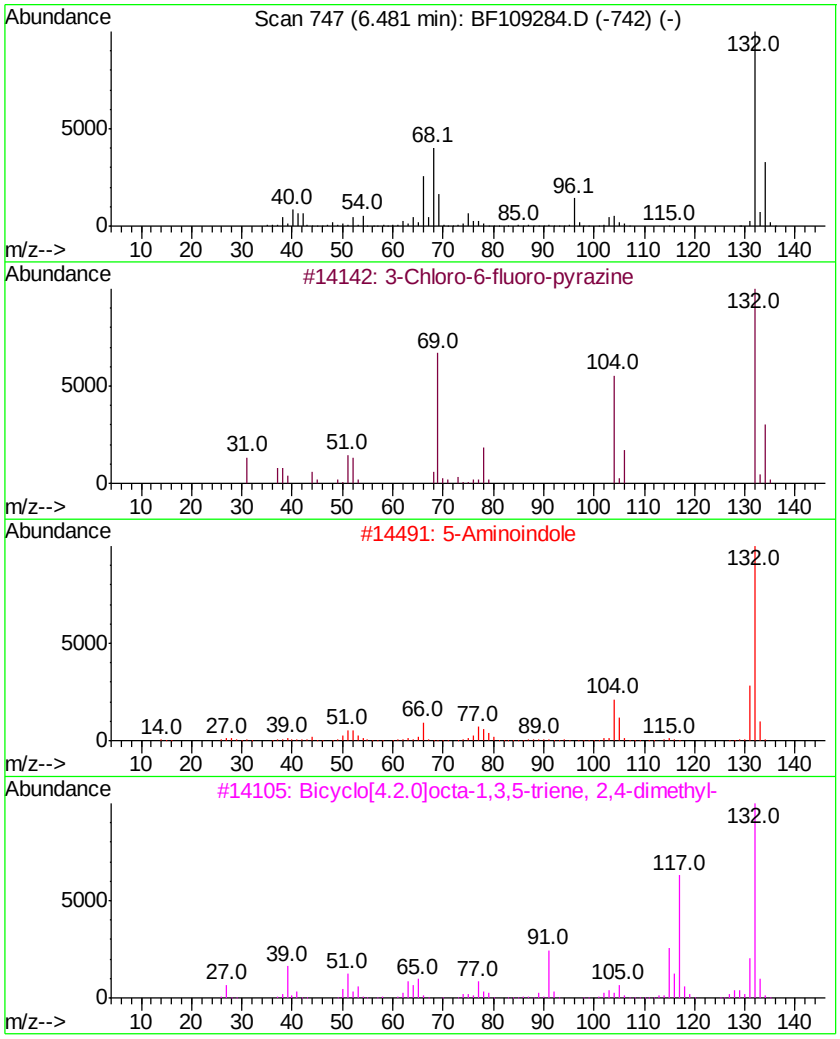
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

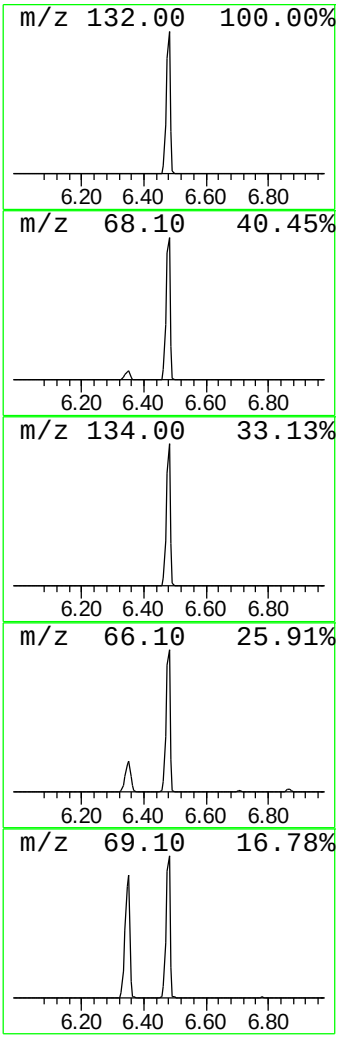
****

Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	62.97 ng	2105760	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : J5042-02
Misc :
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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

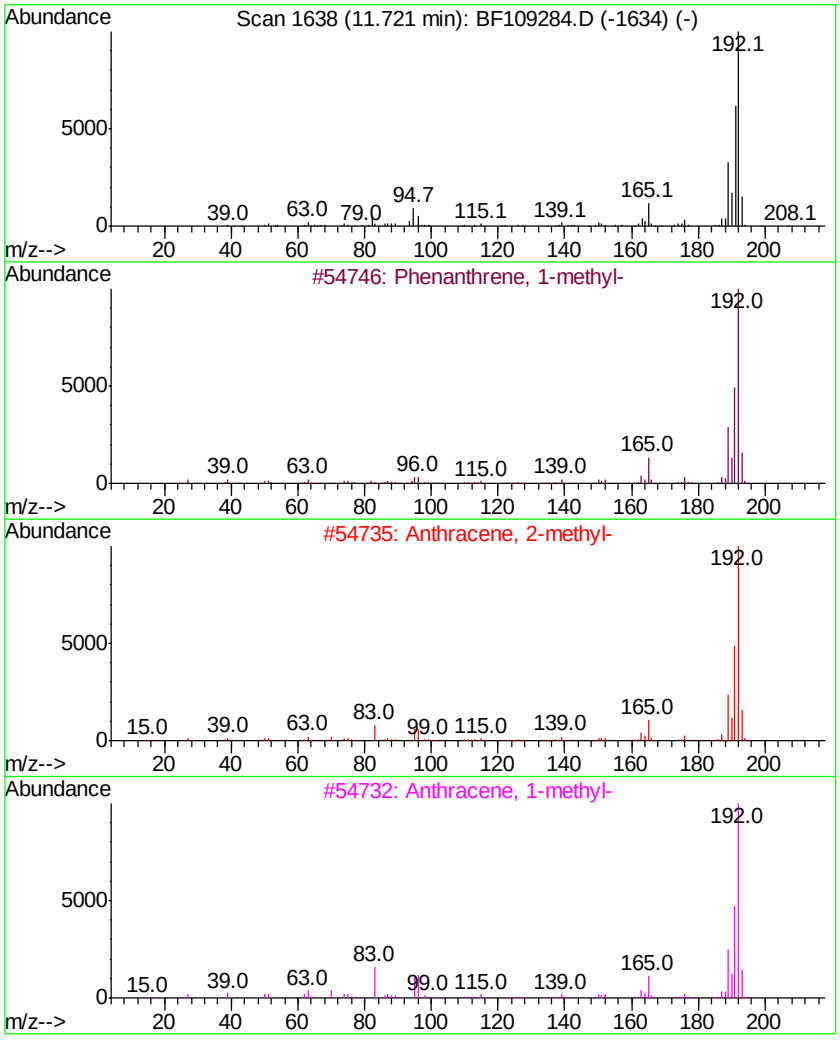
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

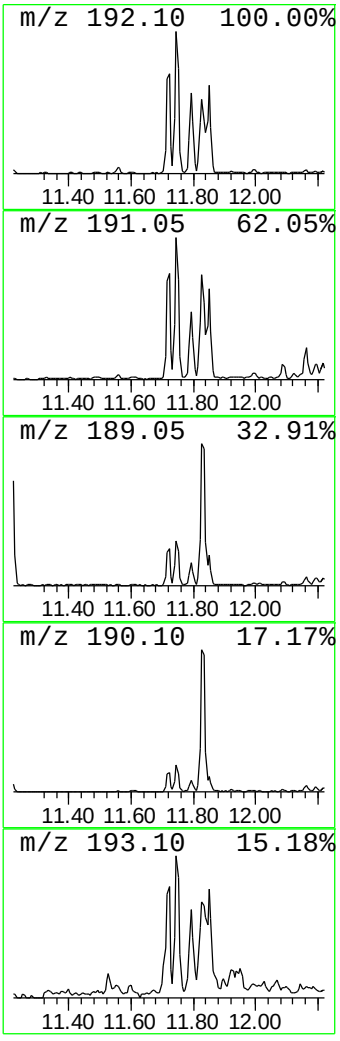
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.94 ng	191428	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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

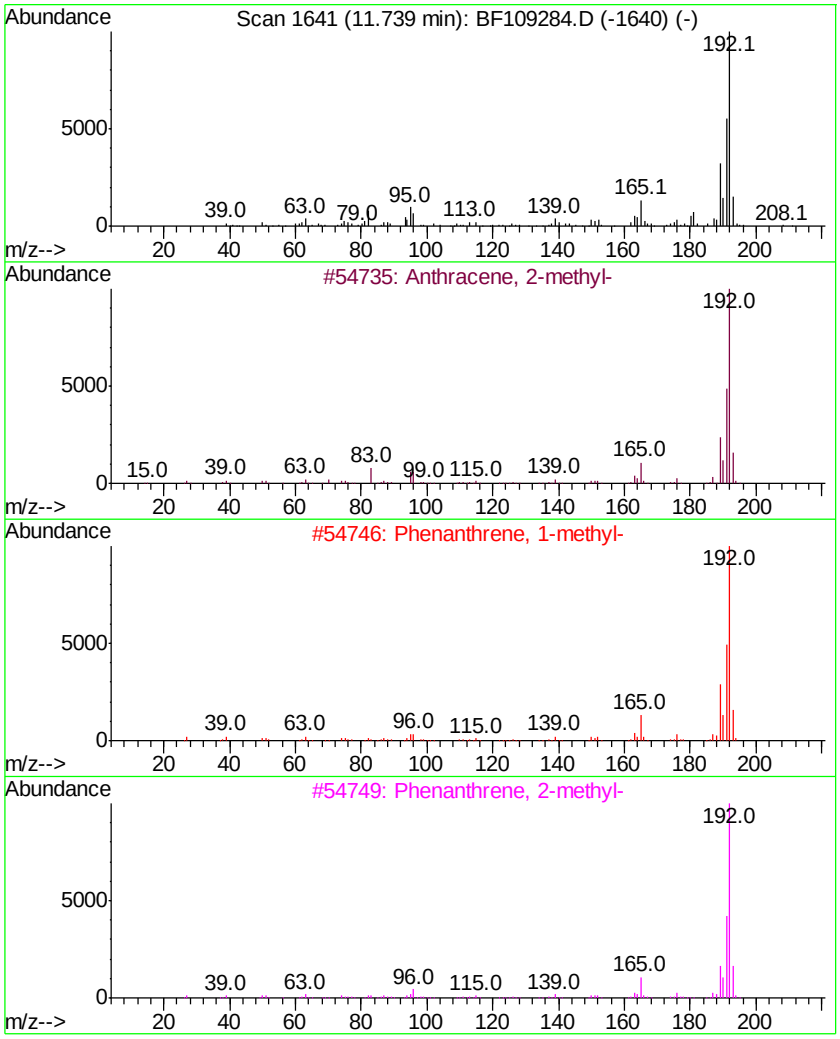
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

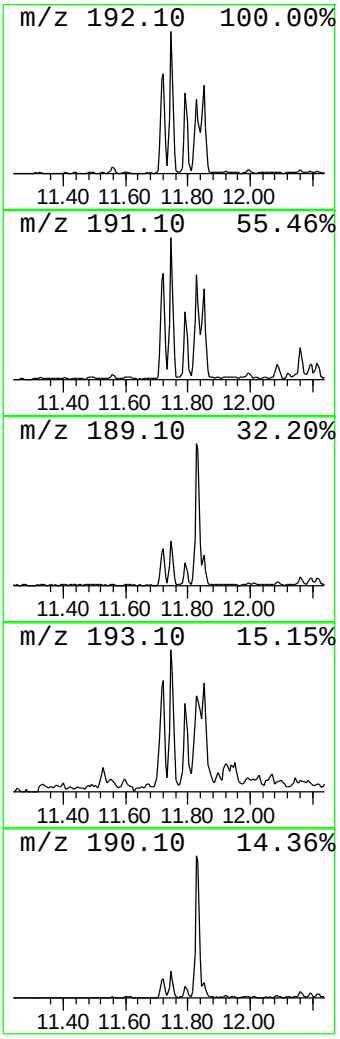
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	8.14 ng	395095	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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

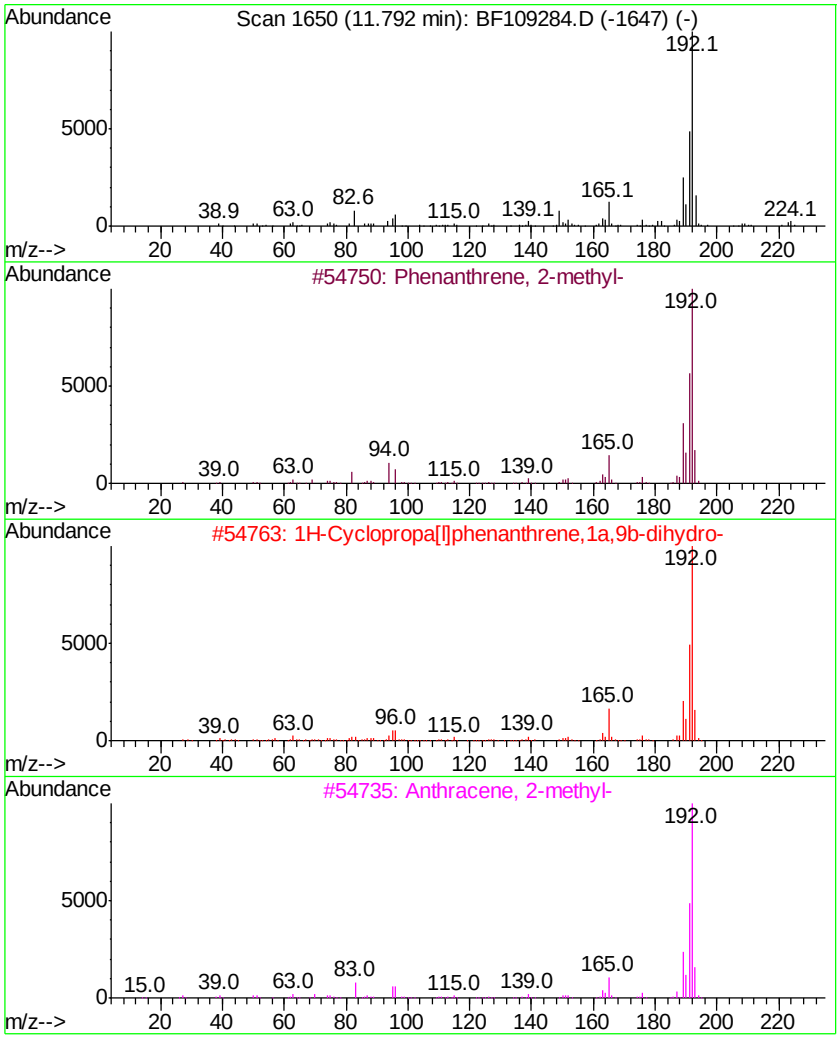
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

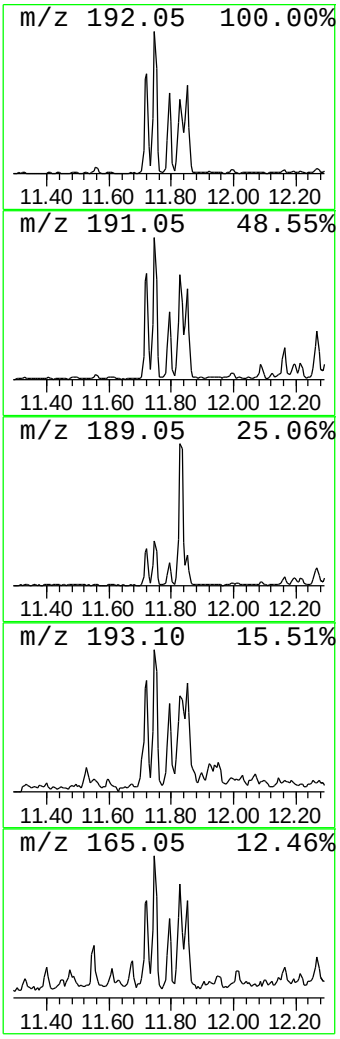
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.10 ng	150322	Phenanthrene-d10	11.22

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





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Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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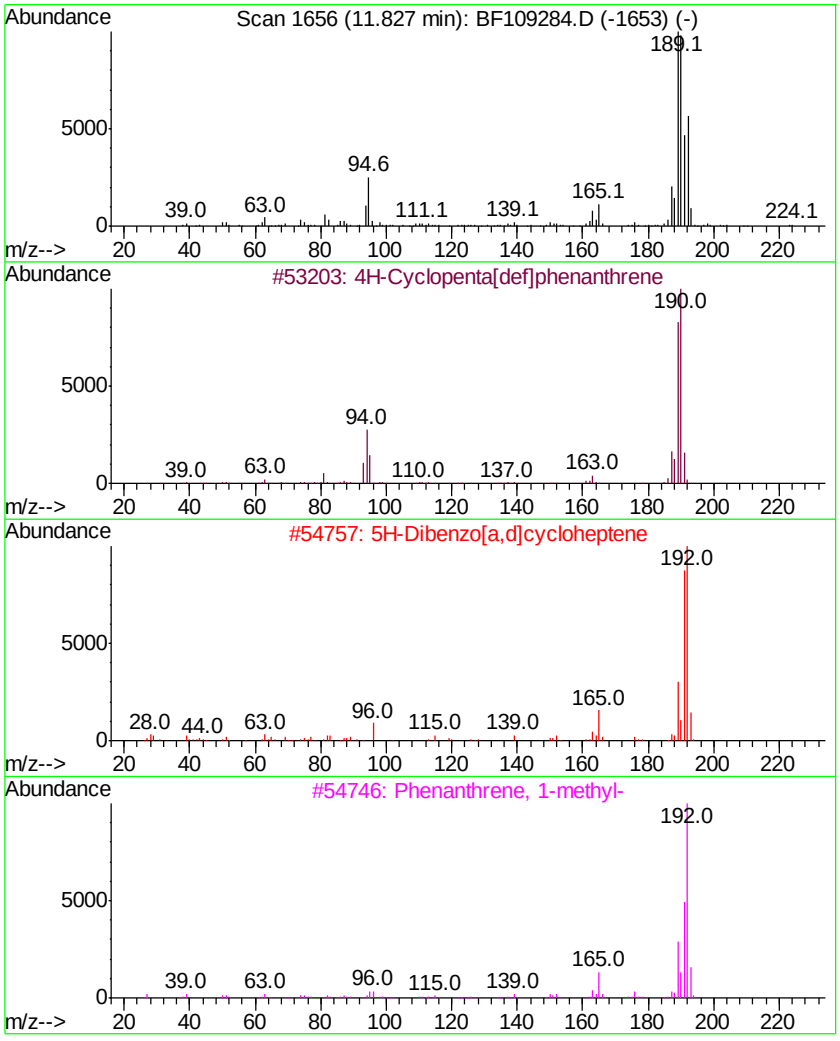
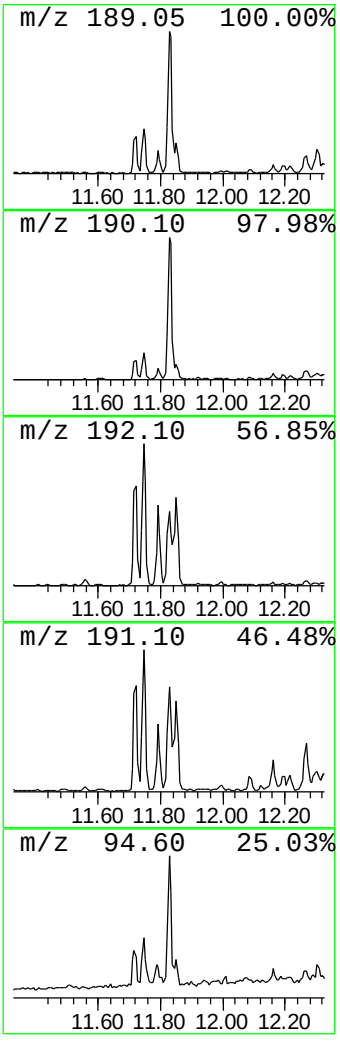
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	9.10 ng	441845	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	20
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18





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Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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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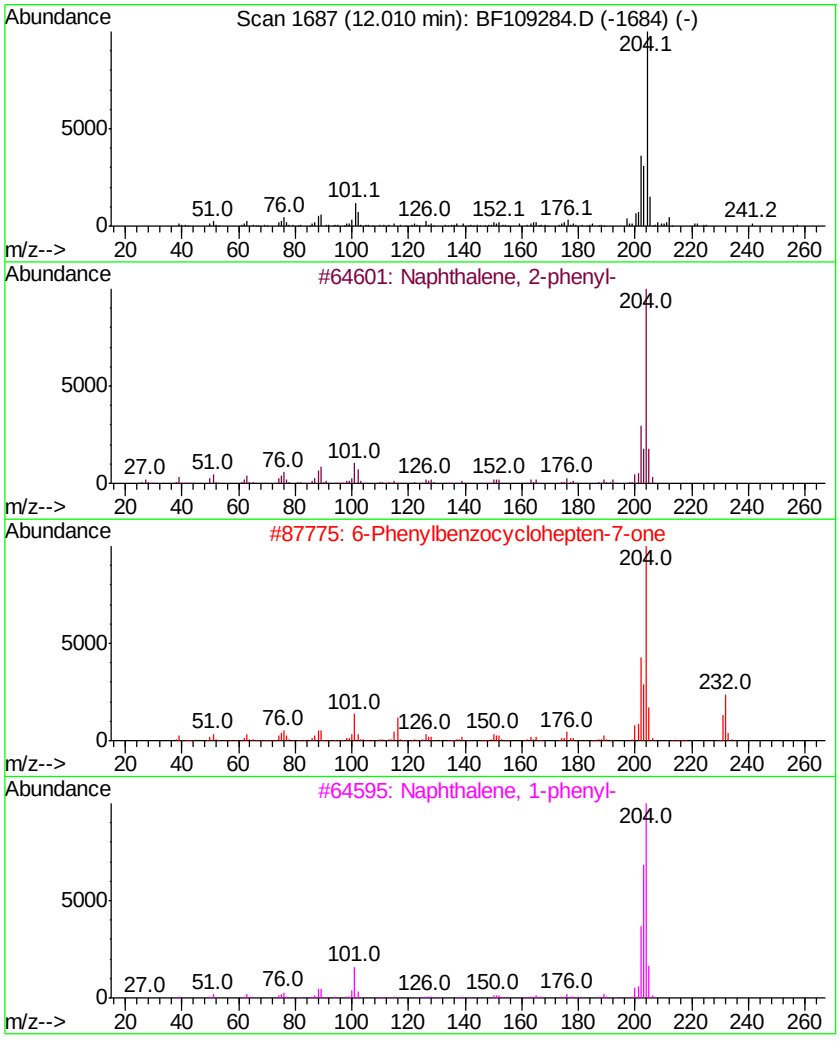
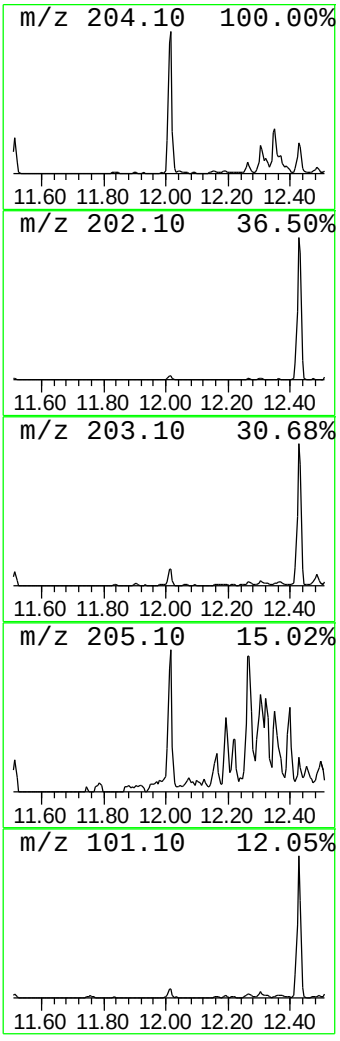
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.46 ng	168141	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78





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Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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

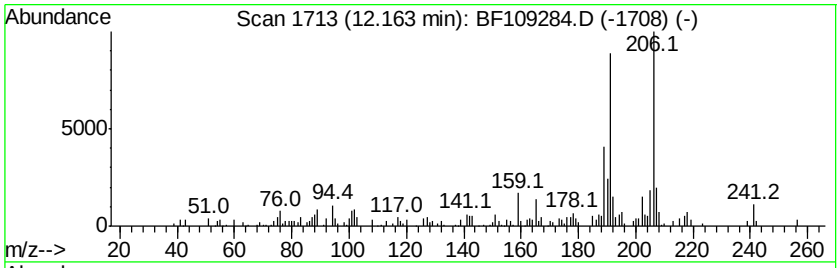
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

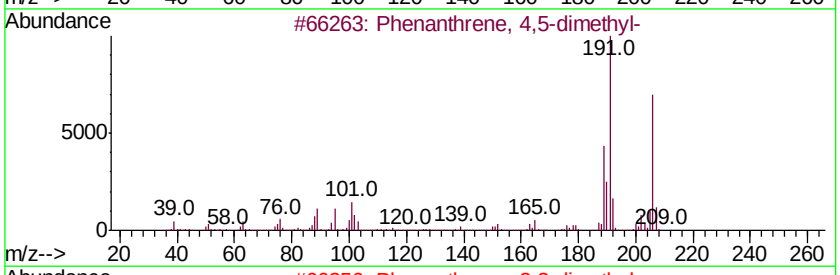
****

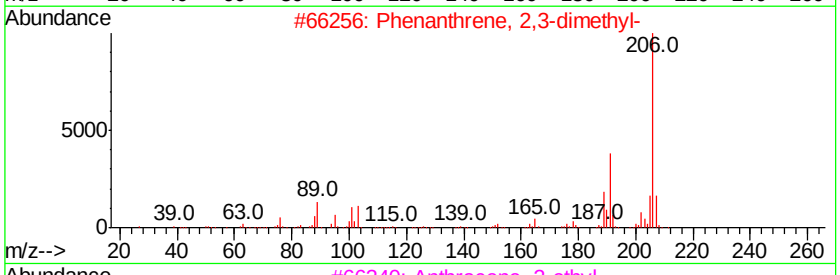
Peak Number 9 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

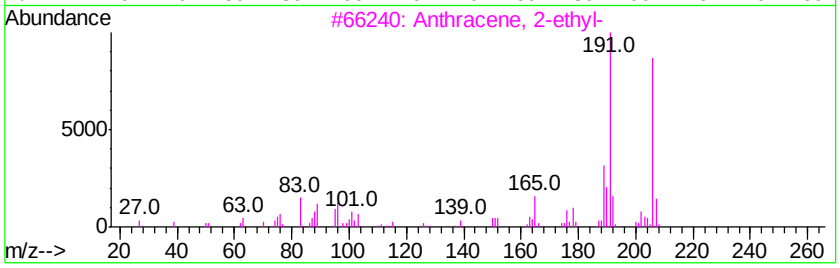
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.21 ng	107329	Phenanthrene-d10	11.22

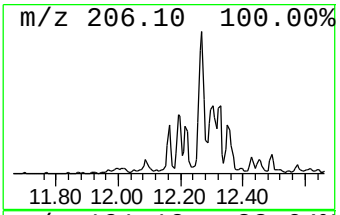
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	89
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87

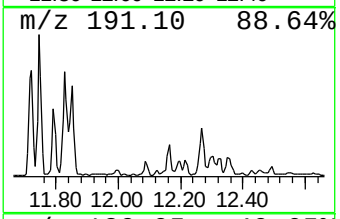


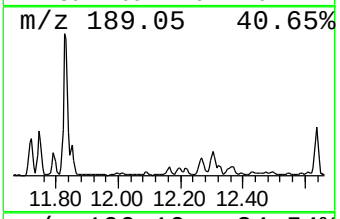


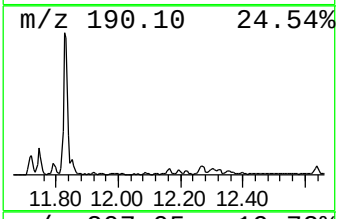


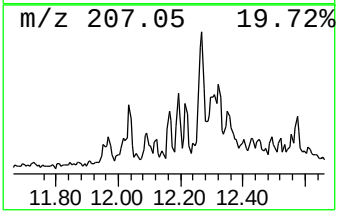












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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

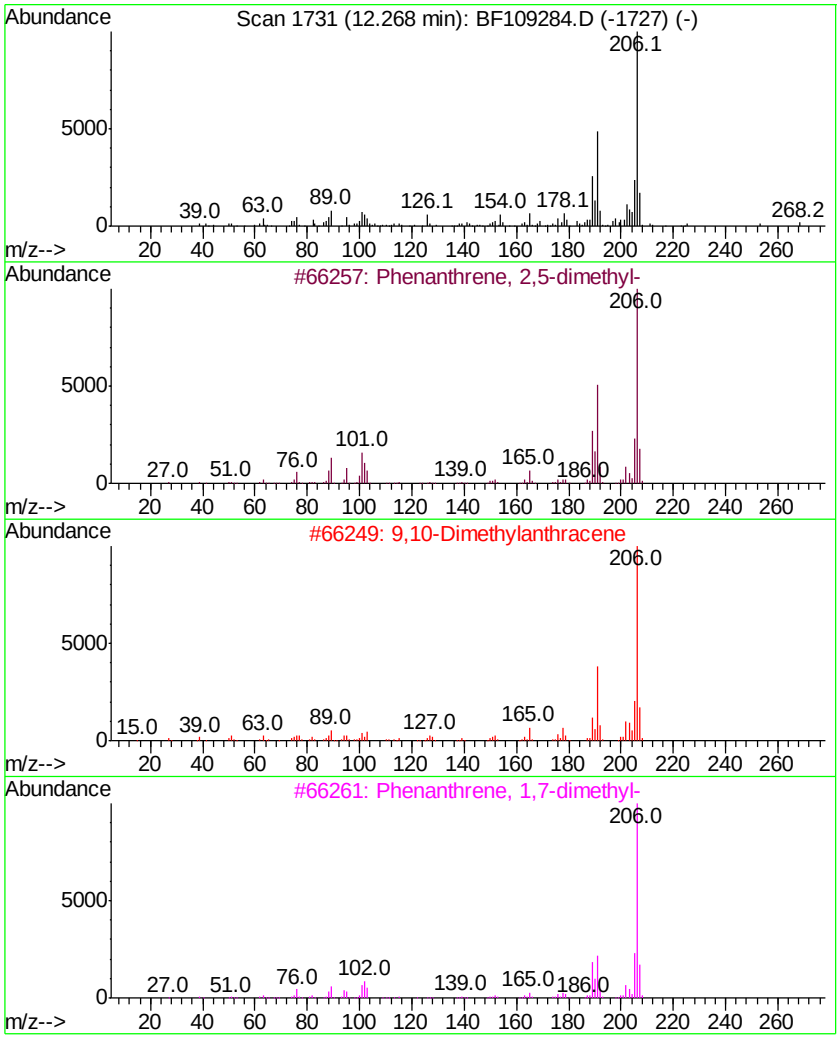
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

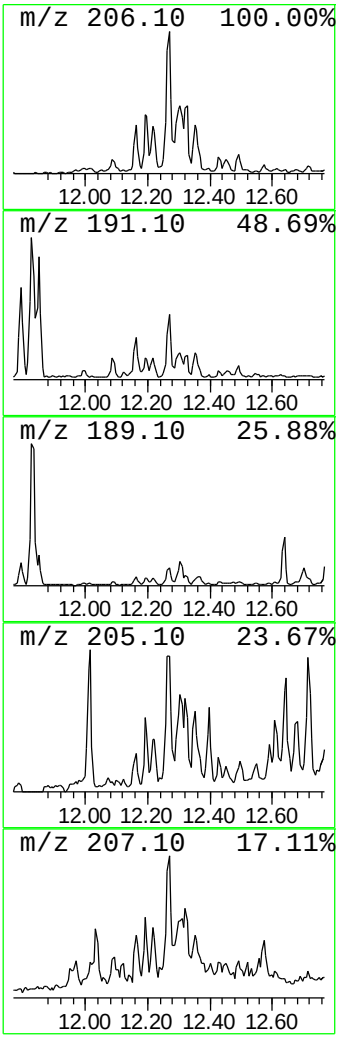
****

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.62 ng	175972	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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

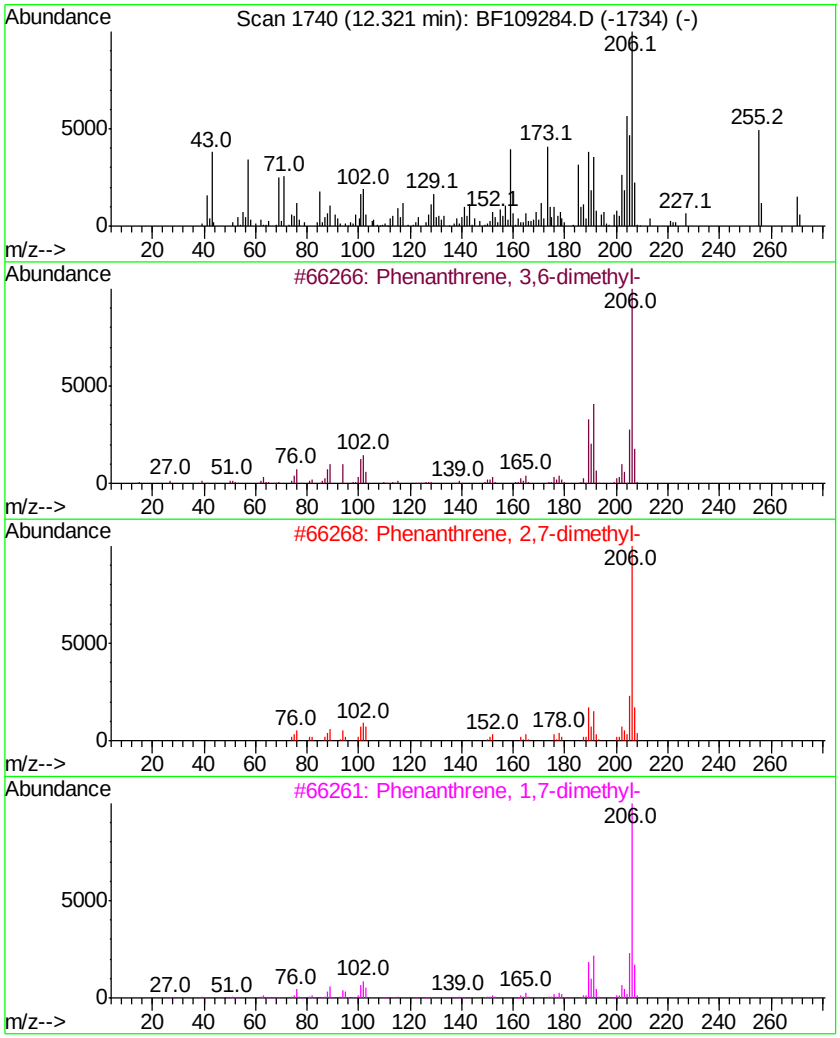
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

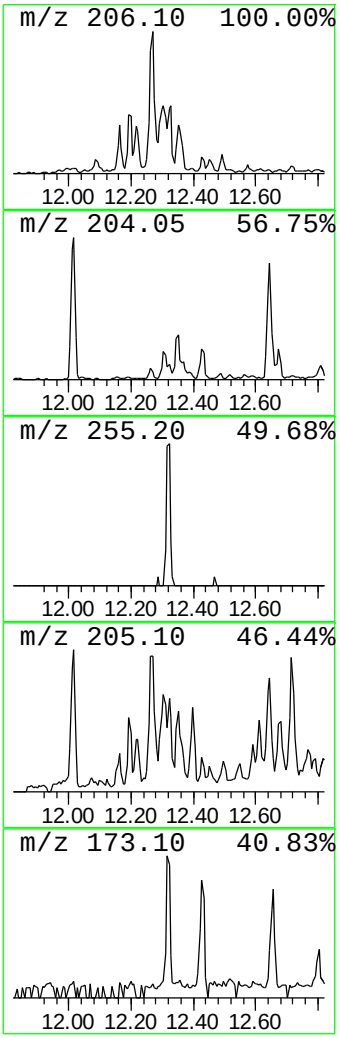
****

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	4.65 ng	225750	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	41
5	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	41





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Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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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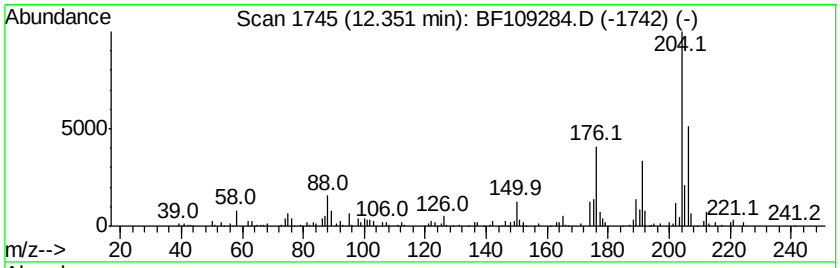
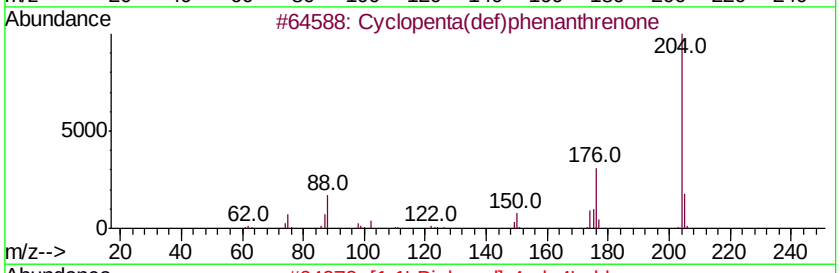
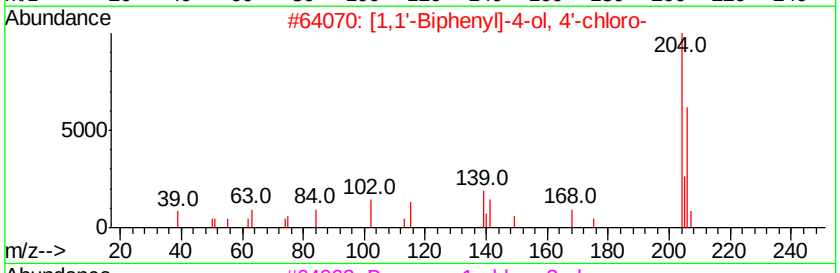
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 16

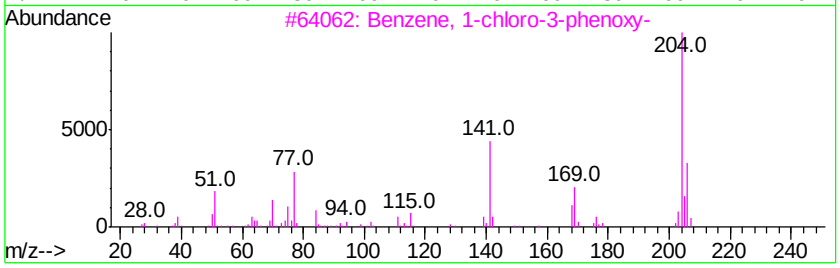
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.45 ng	119075	Phenanthrene-d10	11.22

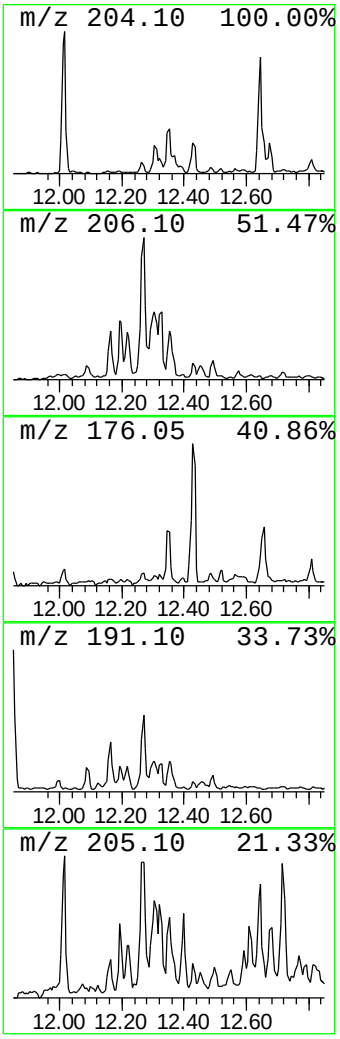
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
4	.beta.-L-(-)-Fucopyranose, tetra...	452	C18H44O5Si4	1000380-20-2	43
5	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43











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Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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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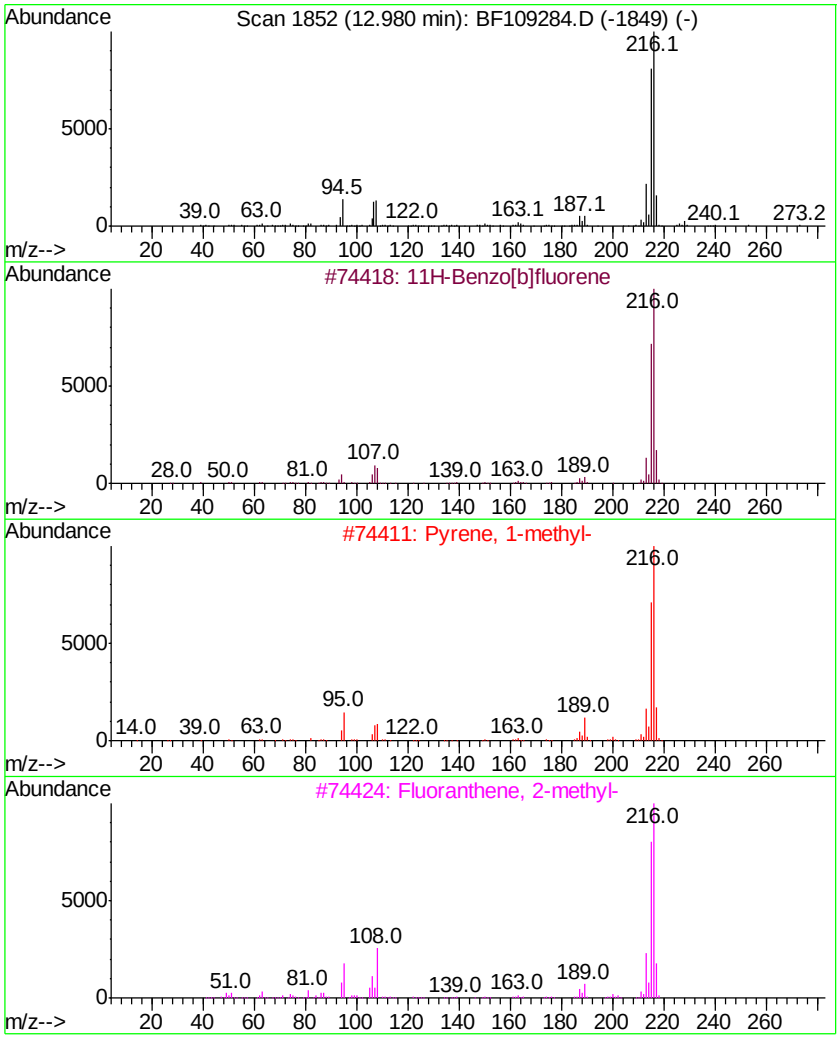
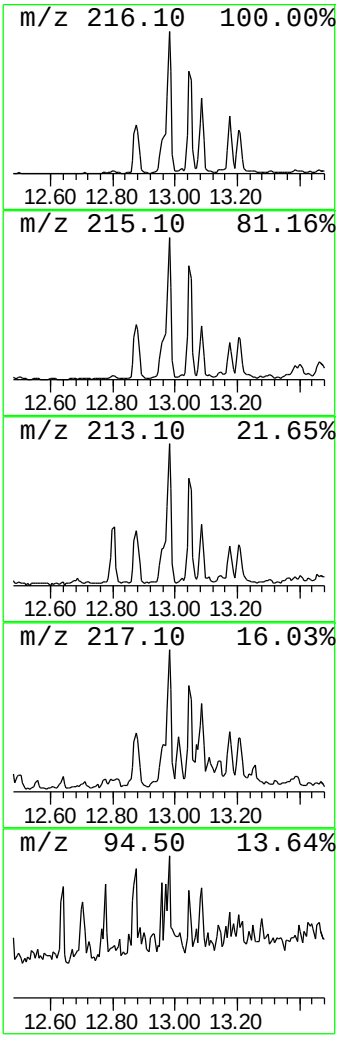
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	3.23 ng	318326	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Sample : J5042-02
Misc :
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ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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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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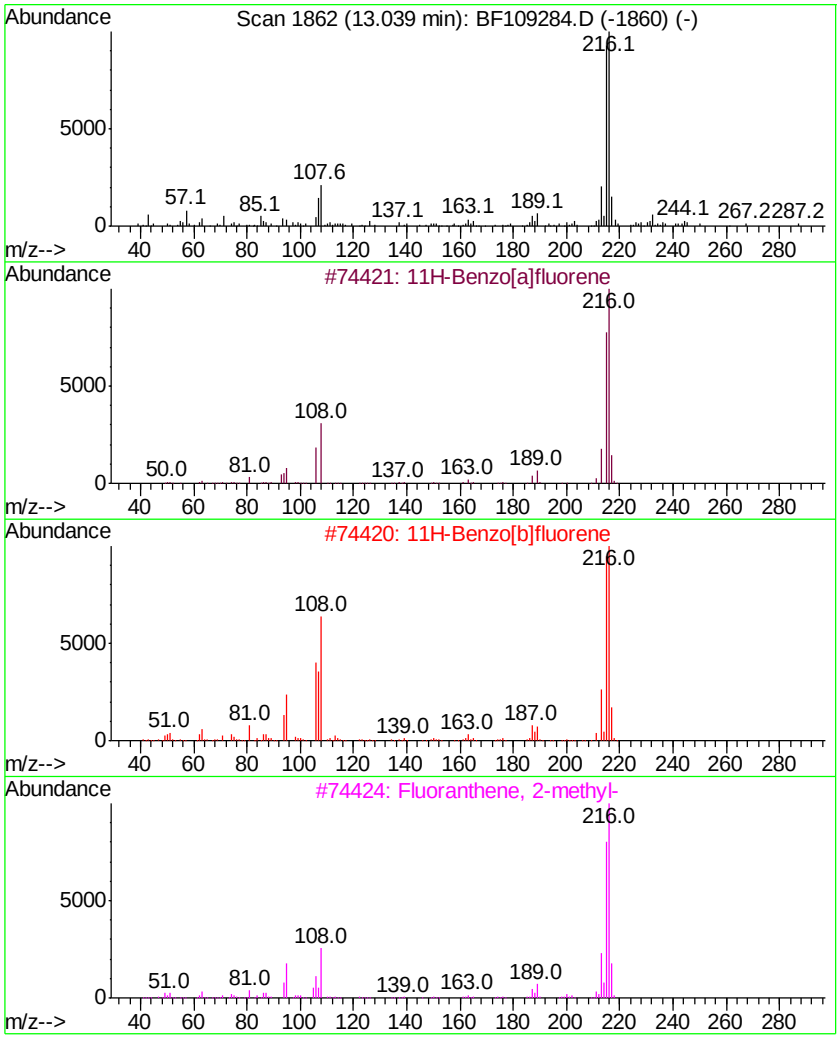
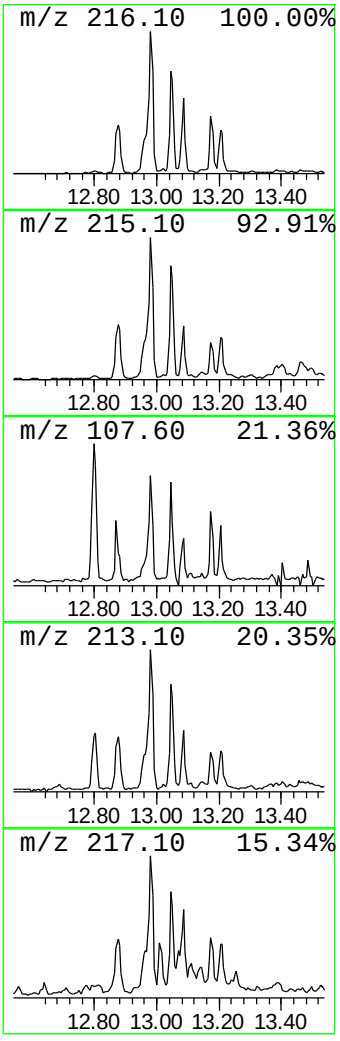
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.35 ng	231962	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





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Acq On : 25 Sep 2018 14:40
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Sample : J5042-02
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Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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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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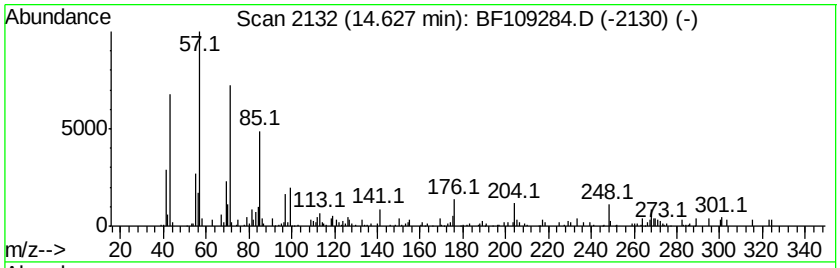
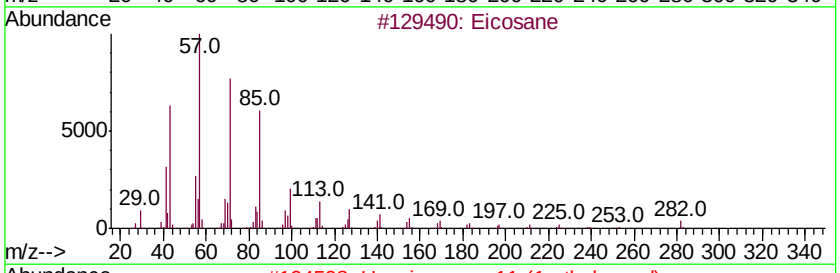
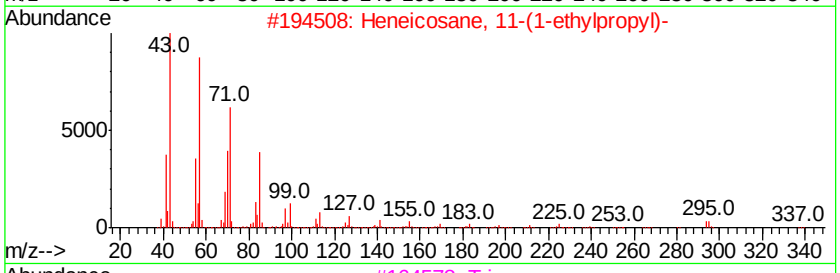
Peak Number 16 Eicosane Concentration Rank 14

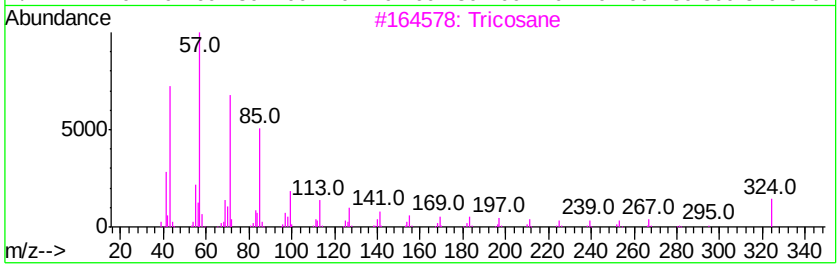
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.13 ng	116928	Perylene-d12	15.26

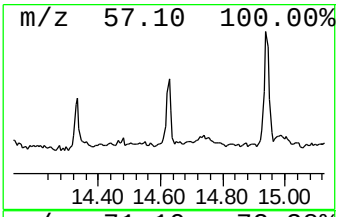
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	59
3	Tricosane	324	C23H48	000638-67-5	58
4	Hentriacontane	437	C31H64	000630-04-6	58
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	53

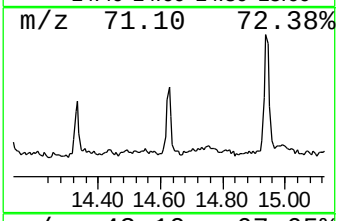


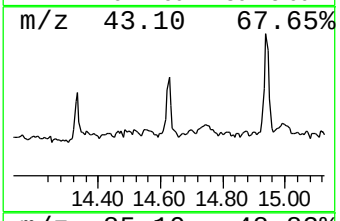


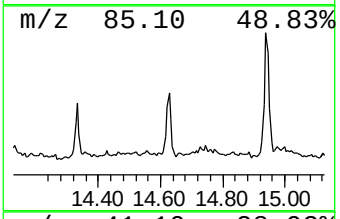


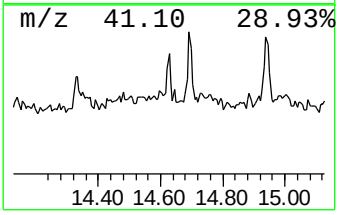












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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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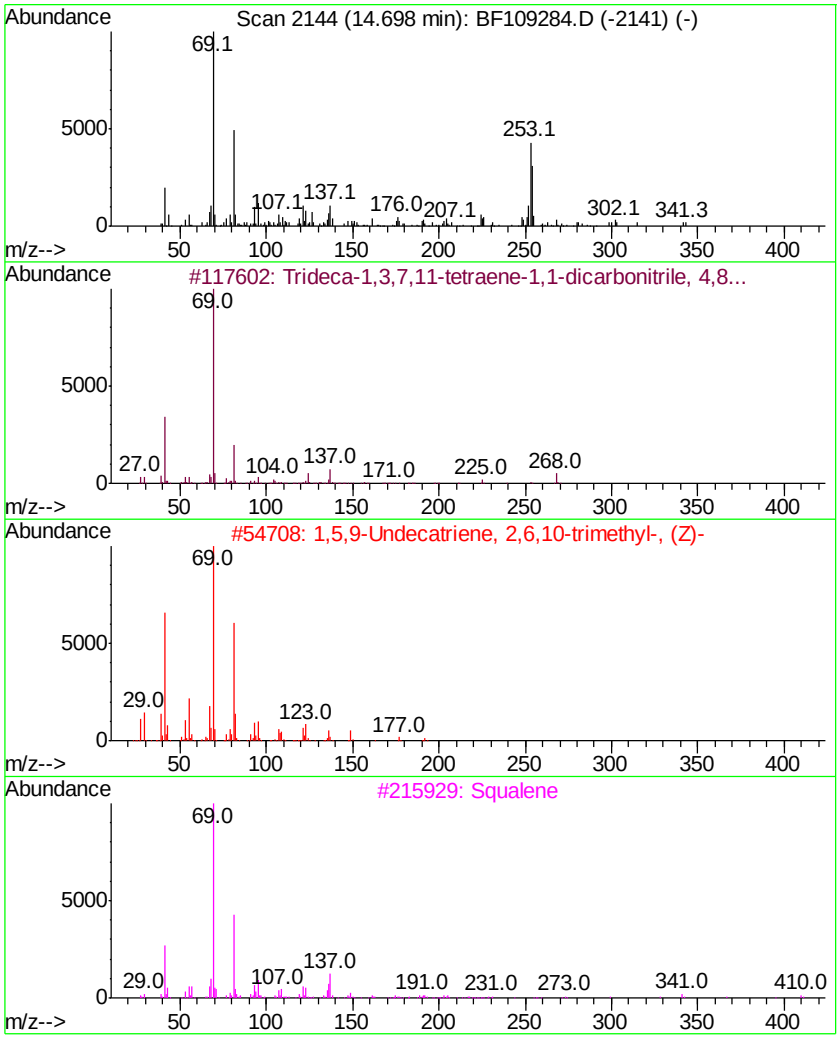
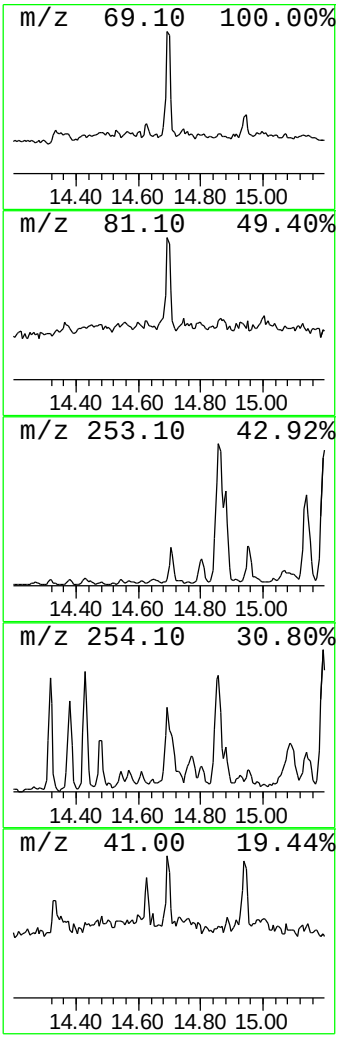
Peak Number 17 unknown14.70 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.20 ng	119435	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	43
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	42
3	Squalene	410	C30H50	000111-02-4	41
4	Supraene	410	C30H50	007683-64-9	38
5	trans-Farnesol	222	C15H26O	000106-28-5	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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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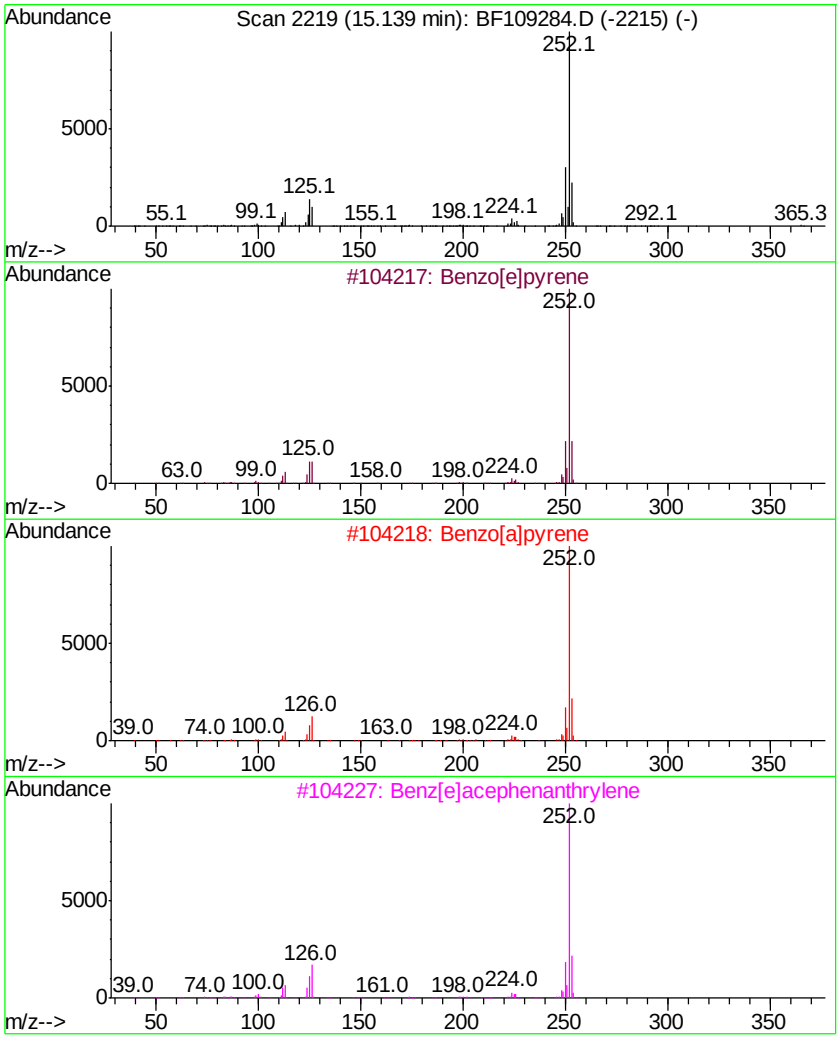
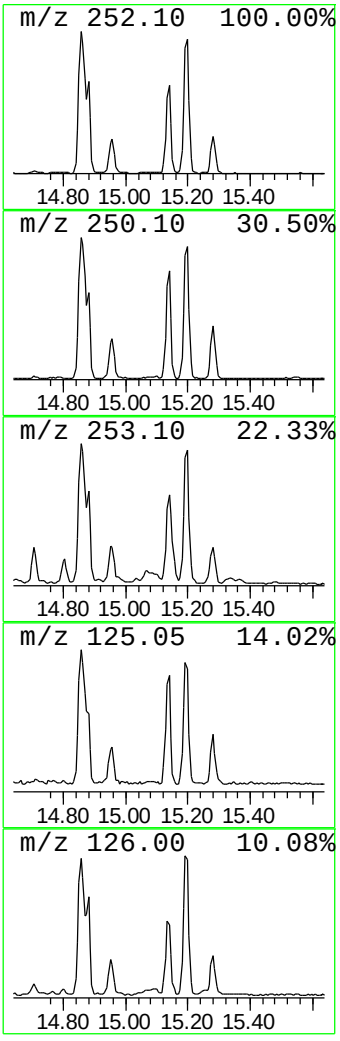
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	14.75 ng	550466	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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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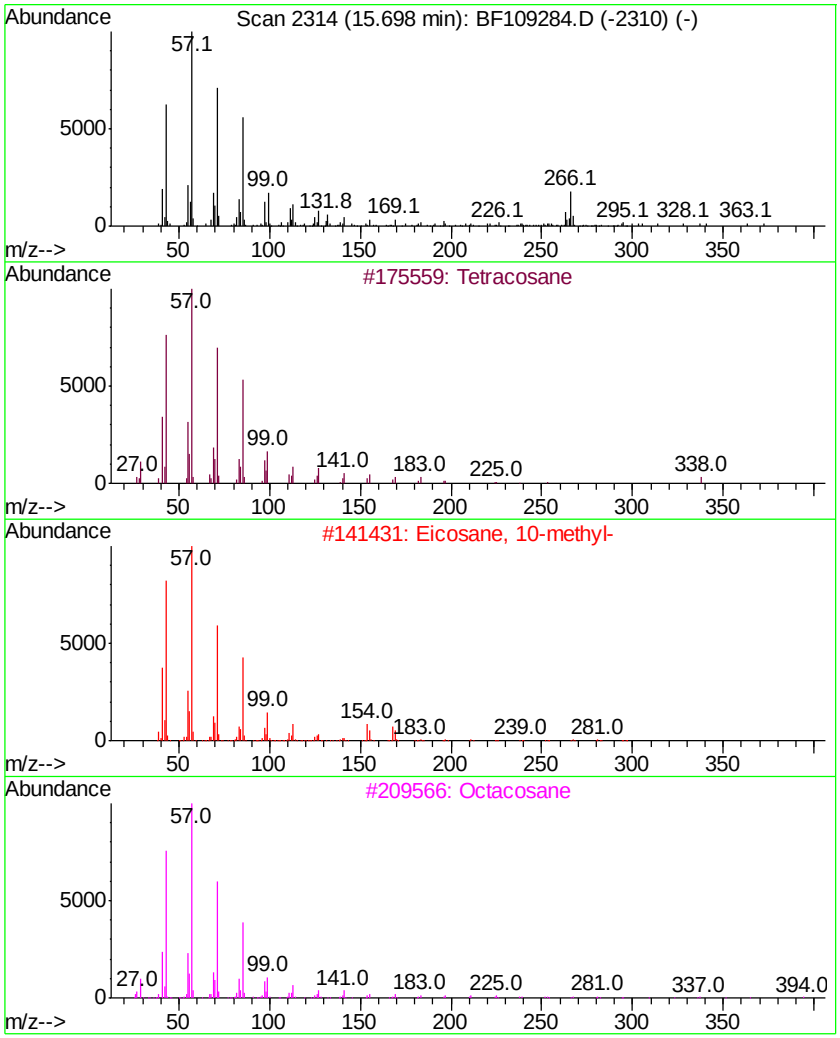
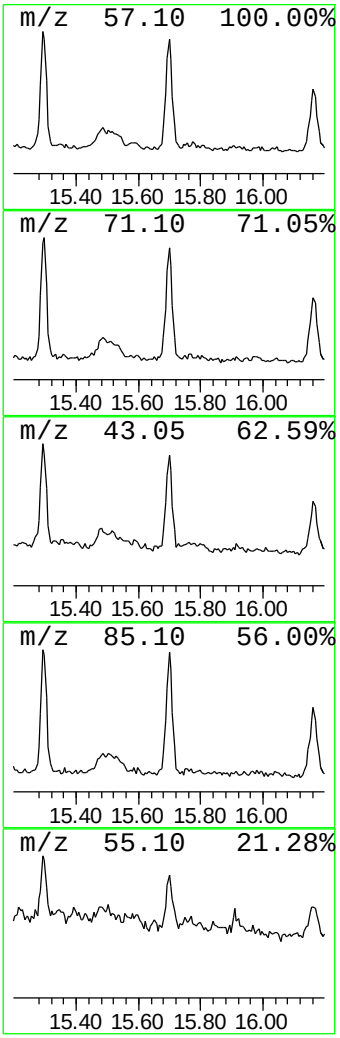
Peak Number 20 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	5.42 ng	202309	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
Data File : BF109284.D
Acq On : 25 Sep 2018 14:40
Operator : JU/SJ
Sample : J5042-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLRK-PH4-A14-B1

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
2-Pentanone, 4-hy...	4.90	2.3	ng	77945	1	6.71	668802	20.0
unknown6.48	6.48	63.0	ng	2105760	1	6.71	668802	20.0
Phenanthrene, 1-m...	11.72	3.9	ng	191428	4	11.22	970897	20.0
Anthracene, 2-met...	11.74	8.1	ng	395095	4	11.22	970897	20.0
Phenanthrene, 2-m...	11.79	3.1	ng	150322	4	11.22	970897	20.0
4H-Cyclopenta[def...	11.83	9.1	ng	441845	4	11.22	970897	20.0
Naphthalene, 2-ph...	12.01	3.5	ng	168141	4	11.22	970897	20.0
Phenanthrene, 4,5...	12.16	2.2	ng	107329	4	11.22	970897	20.0
Phenanthrene, 2,5...	12.27	3.6	ng	175972	4	11.22	970897	20.0
Phenanthrene, 3,6...	12.32	4.7	ng	225750	4	11.22	970897	20.0
Cyclopenta(def)ph...	12.35	2.5	ng	119075	4	11.22	970897	20.0
11H-Benzo[b]fluorene	12.98	3.2	ng	318326	5	13.85	1972950	20.0
11H-Benzo[a]fluorene	13.04	2.4	ng	231962	5	13.85	1972950	20.0
Eicosane	14.63	3.1	ng	116928	6	15.26	746350	20.0
unknown14.70	14.70	3.2	ng	119435	6	15.26	746350	20.0
Benzo[e]pyrene	15.14	14.8	ng	550466	6	15.26	746350	20.0
Tetracosane	15.70	5.4	ng	202309	6	15.26	746350	20.0