LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

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-BF081920.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	4.875	471	474	485	rVB	63213	78807	2.19%	0.147%
2	5.298	542	546	564	rBV	1949870	1983496	55.09%	3.709%
3	6.334	718	722	740	rBV	2003048	2099973	58.32%	3.927%
4	6.528	752	755	760	rBV	153365	134218	3.73%	0.251%
5	6.692	779	783	787	rBV	1005649	791620	21.98%	1.480%
6	7.257	875	879	882	rBV	1570399	1368125	38.00%	2.558%
7	7.975	997	1001	1004	rBV	1298276	1084816	30.13%	2.029%
8	7.998	1004	1005	1008	rVB	124760	57741	1.60%	0.108%
9	8.686	1119	1122	1129	rVB	71285	57071	1.58%	0.107%
10	8.786	1136	1139	1143	rVB	78261	64659	1.80%	0.121%
11	9.051	1180	1184	1187	rBV	3023038	2598739	72.17%	4.860%
12	9.151	1193	1201	1203	rBV2	34205	50170	1.39%	0.094%
13	9.316	1224	1229	1233	rBV	40307	50919	1.41%	0.095%
14	9.386	1237	1241	1243	rBV	88870	81023	2.25%	0.152%
15	9.445	1248	1251	1255	rBV	563354	439956	12.22%	0.823%
16	9.586	1272	1275	1279	rVB	192583	149938	4.16%	0.280%
17	9.727	1291	1299	1302	rBV	1390996	1243212	34.53%	2.325%
18	9.757	1302	1304	1308	rVB	349350	262080	7.28%	0.490%
19	9.880	1321	1325	1330	rBV2	52380	60056	1.67%	0.112%
20	9.927	1330	1333	1337	rBV	167949	150738	4.19%	0.282%
21	9.969	1337	1340	1347	rVB	49354	50408	1.40%	0.094%
22	10.039	1347	1352	1355	rBV3	45647	52492	1.46%	0.098%
23	10.133	1363	1368	1370	rBV2	49401	62718	1.74%	0.117%
24	10.269	1388	1391	1397	rVB	250864	226823	6.30%	0.424%
25	10.427	1416	1418	1422	rVB	102072	101534	2.82%	0.190%
26	10.516	1426	1433	1437	rVV	1739287	1629591	45.26%	3.047%
27	10.557	1437	1440	1444	rVB2	35535	47961	1.33%	0.090%
28	10.639	1450	1454	1461	rVB4	104169	135024	3.75%	0.252%
29	10.716	1461	1467	1468	rBV3	26652	49223	1.37%	0.092%
30	10.822	1478	1485	1487	rBV4	86200	138541	3.85%	0.259%
31	10.845	1487	1489	1492	rVB2	57993	46800	1.30%	0.088%
32	10.951	1502	1507	1508	rBV2	72276	91428	2.54%	0.171%
33	10.969	1508	1510	1512	rVV	85986	77176	2.14%	0.144%
34	11.016	1515	1518	1522	rVB	167722	145013	4.03%	0.271%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.063	1522	1526	1531	rBV3	103747	198991	5.53%	0.372%
36	11.104	1531	1533	1538	rVB	186254	173458	4.82%	0.324%
37	11.210	1547	1551	1553	rBV	1377986	1294699	35.96%	2.421%
38	11.233	1553	1555	1559	rVV	2438151	2258378	62.72%	4.223%
39	11.286	1559	1564	1567	rVV	688473	639661	17.76%	1.196%
40	11.316	1567	1569	1573	rVV2	92230	92495	2.57%	0.173%
41	11.439	1584	1590	1593	rBV2	242842	277199	7.70%	0.518%
42	11.504	1598	1601	1604	rVV2	156180	131455	3.65%	0.246%
43	11.539	1604	1607	1612	rVB3	86639	89368	2.48%	0.167%
44	11.710	1631	1636	1638	rBV	497277	430691	11.96%	0.805%
45	11.739	1638	1641	1645	rVB	646449	546586	15.18%	1.022%
46	11.786	1645	1649	1651	rBV	245850	221648	6.16%	0.414%
47	11.821	1651	1655	1657	rBV	658624	677087	18.80%	1.266%
48	11.845	1657	1659	1663	rVB	350509	286899	7.97%	0.536%
49	11.892	1664	1667	1669	rBV2	70570	72203	2.01%	0.135%
50	11.916	1669	1671	1673	rVB2	92537	66590	1.85%	0.125%
51	11.980	1678	1682	1683	rBV4	34693	48041	1.33%	0.090%
52	12.004	1683	1686	1689	rVV	344629	269895	7.50%	0.505%
53	12.033	1689	1691	1694	rVB	241509	187060	5.19%	0.350%
54	12.080	1697	1699	1703	rVB	57230	50044	1.39%	0.094%
55	12.151	1706	1711	1714	rBV	152515	203543	5.65%	0.381%
56	12.186	1714	1717	1719	rBV	103922	69988	1.94%	0.131%
57	12.210	1719	1721	1723	rVB	100486	73040	2.03%	0.137%
58	12.257	1726	1729	1732	rBV	262371	282794	7.85%	0.529%
59	12.298	1732	1736	1741	rVB4	182831	320094	8.89%	0.599%
60	12.345	1741	1744	1749	rBV2	263696	289471	8.04%	0.541%
61	12.427	1753	1758	1761	rBV	3150092	3096631	86.00%	5.791%
62	12.468	1761	1765	1766	rBV	64887	48592	1.35%	0.091%
63	12.486	1766	1768	1771	rVB2	84583	67722	1.88%	0.127%
64	12.516	1771	1773	1775	rVB	90972	66196	1.84%	0.124%
65	12.568	1775	1782	1786	rBV3	182917	325646	9.04%	0.609%
66	12.657	1790	1797	1802	rBV2	2718501	3600777	100.00%	6.733%
67	12.698	1802	1804	1809	rVB2	192568	228335	6.34%	0.427%
68	12.768	1812	1816	1817	rBV	242632	221068	6.14%	0.413%
69	12.798	1817	1821	1827	rVB	2586802	2720651	75.56%	5.088%
70	12.868	1828	1833	1836	rBV3	292409	460814	12.80%	0.862%
71	12.898	1836	1838	1840	rVB2	57285	43025	1.19%	0.080%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.957	1844	1848	1849	rBV4	234050	280185	7.78%	0.524%
73	12.974	1849	1851	1854	rVB	464319	453581	12.60%	0.848%
74	13.010	1854	1857	1859	rBV	85035	95063	2.64%	0.178%
75	13.045	1860	1863	1865	rVB	238925	203779	5.66%	0.381%
76	13.080	1865	1869	1872	rBV2	468005	492761	13.68%	0.921%
77	13.139	1876	1879	1881	rBV	73403	65994	1.83%	0.123%
78	13.168	1882	1884	1887	rVB	258389	230030	6.39%	0.430%
79	13.204	1887	1890	1893	rBV	287953	267851	7.44%	0.501%
80	13.398	1921	1923	1926	rVB	114088	102521	2.85%	0.192%
81	13.486	1935	1938	1942	rVB	337159	329719	9.16%	0.617%
82	13.592	1953	1956	1959	rBV	321797	347619	9.65%	0.650%
83	13.621	1959	1961	1963	rVV	367269	294349	8.17%	0.550%
84	13.645	1963	1965	1967	rVV	276803	264843	7.36%	0.495%
85	13.698	1971	1974	1980	rVB	616334	713923	19.83%	1.335%
86	13.845	1992	1999	2002	rBV2	1823374	3155201	87.63%	5.900%
87	13.874	2002	2004	2007	rVB	1575504	1280874	35.57%	2.395%
88	13.951	2015	2017	2019	rVB	239765	172984	4.80%	0.323%
89	14.233	2062	2065	2068	rVB	354001	291509	8.10%	0.545%
90	14.268	2068	2071	2074	rVB	199286	185712	5.16%	0.347%
91	14.357	2084	2086	2088	rVB	177702	116812	3.24%	0.218%
92	14.539	2115	2117	2119	rBV	127428	92519	2.57%	0.173%
93	14.868	2167	2173	2175	rBV	1344745	2093406	58.14%	3.915%
94	14.962	2186	2189	2192	rBV	323764	307225	8.53%	0.575%
95	15.145	2216	2220	2226	rVB	907678	1156782	32.13%	2.163%
96	15.204	2226	2230	2235	rBV	1226822	1436958	39.91%	2.687%
97	15.262	2236	2240	2243	rVV	791685	1040052	28.88%	1.945%
98	15.292	2243	2245	2251	rVB2	395556	466272	12.95%	0.872%
99	16.621	2465	2471	2478	rVB2	561890	988539	27.45%	1.849%
100	17.027	2535	2540	2549	rVB	409448	756603	21.01%	1.415%

Sum of corrected areas: 53476590

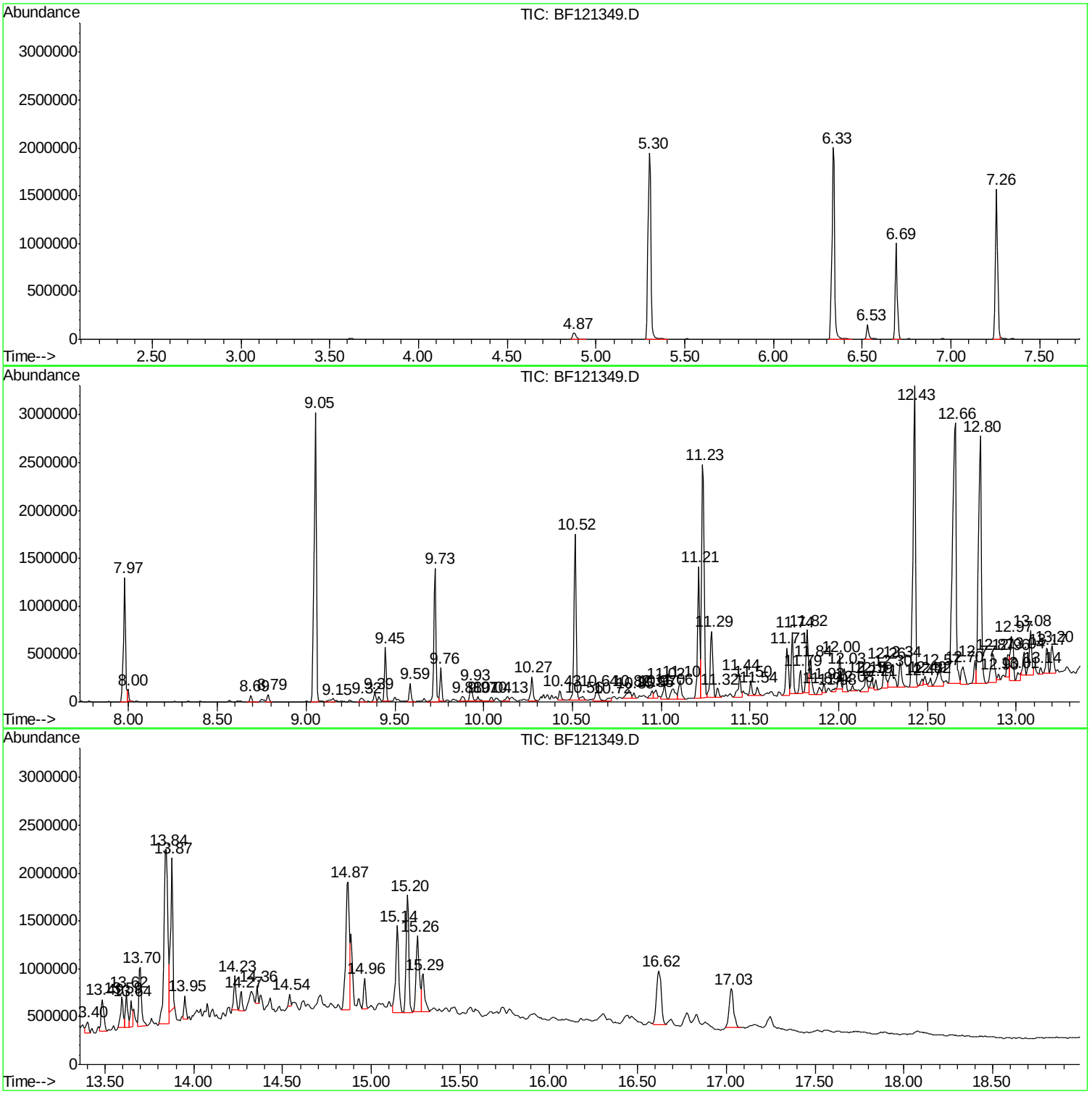
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

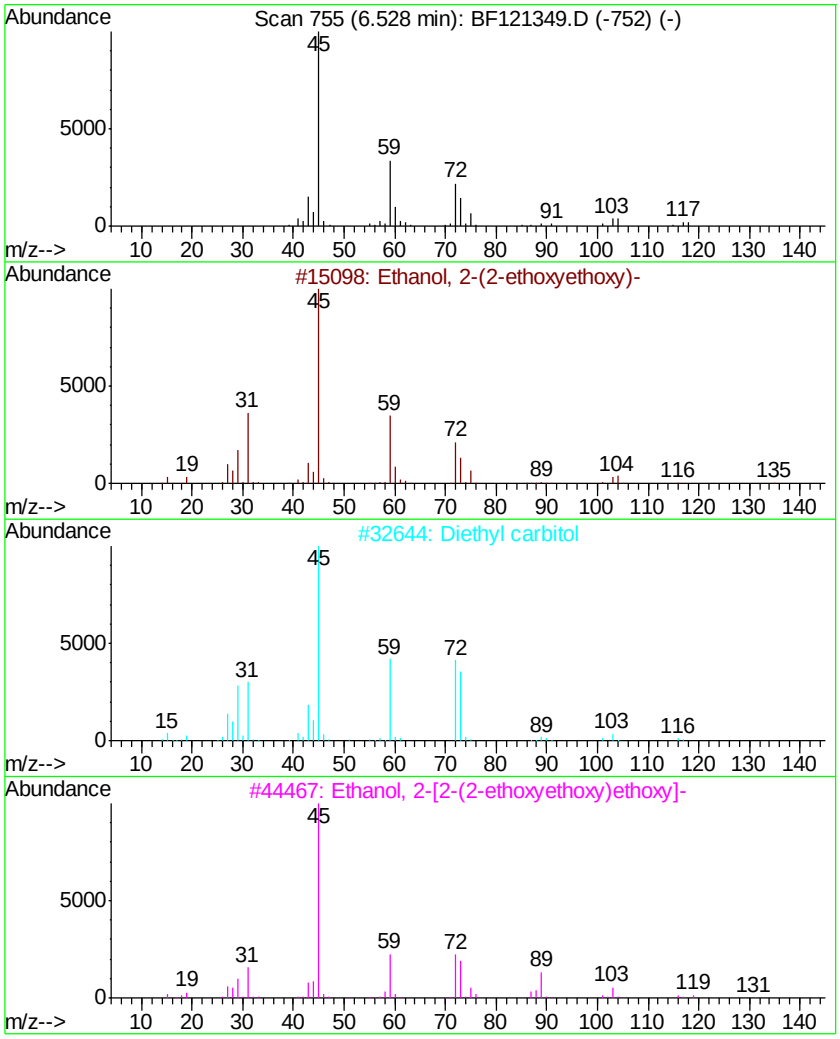
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

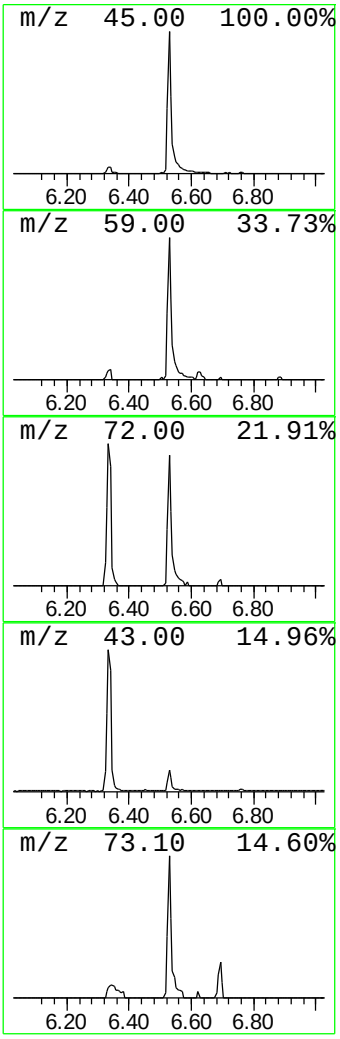
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	3.39 ng	134218	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

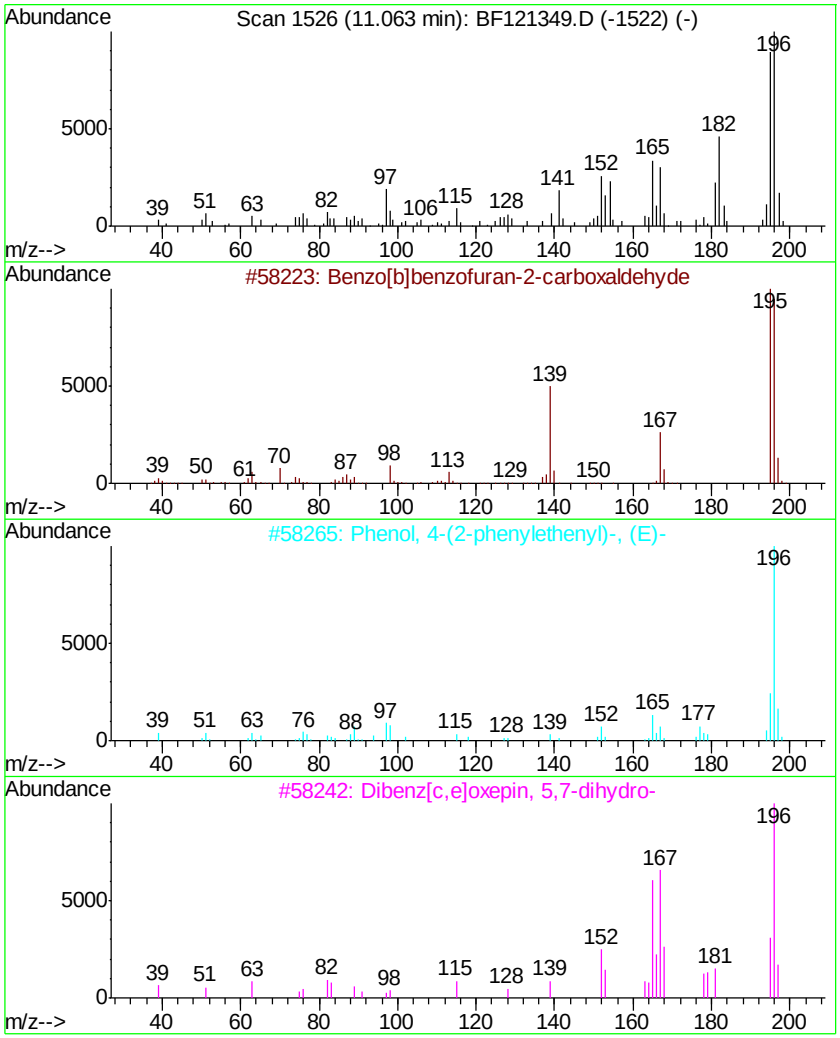
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

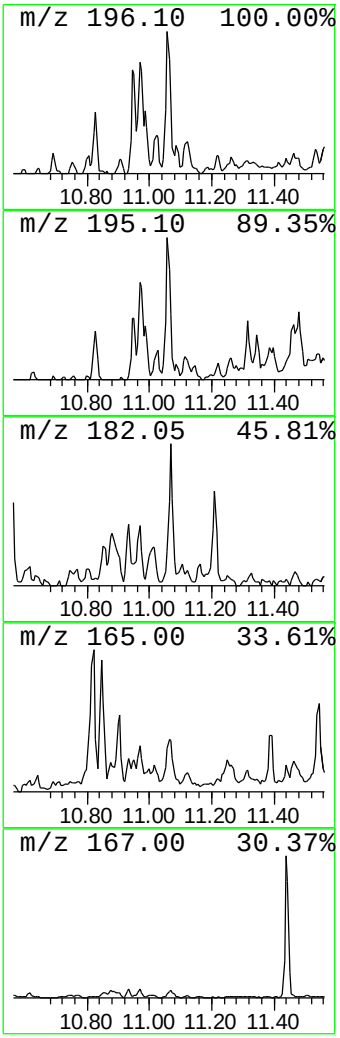
****

Peak Number 3 unknown11.06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	3.07 ng	198991	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	49
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46
3	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	41
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	35
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

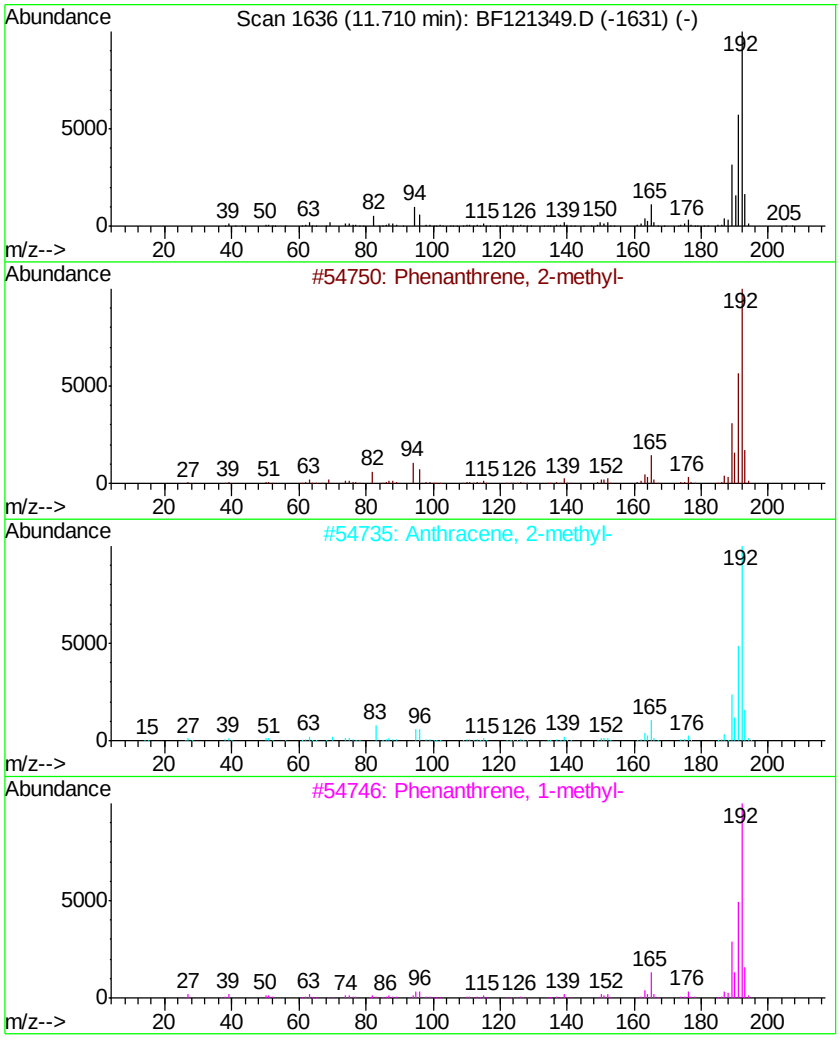
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

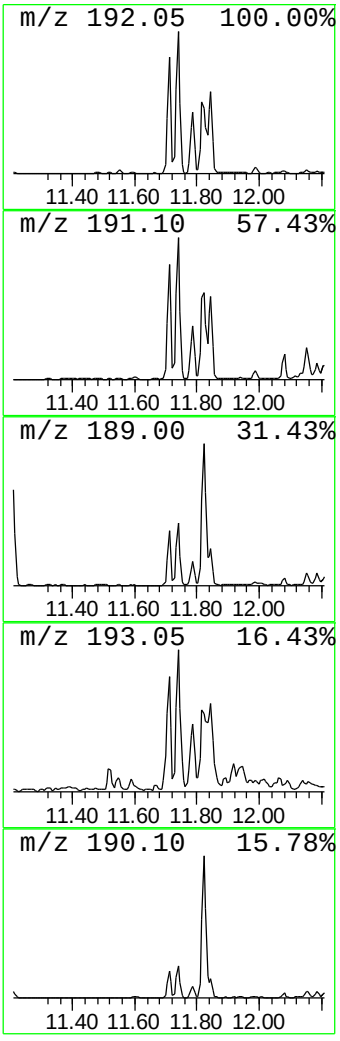
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	6.65 ng	430691	Phenanthrene-d10	11.21

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

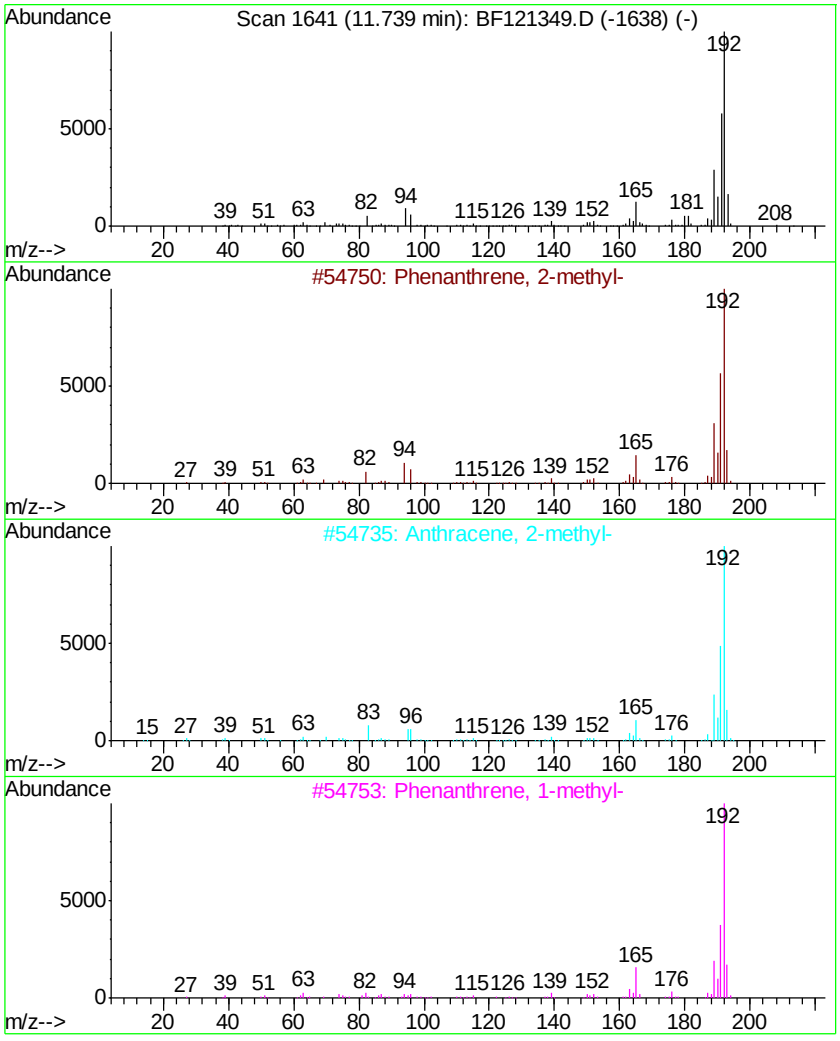
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

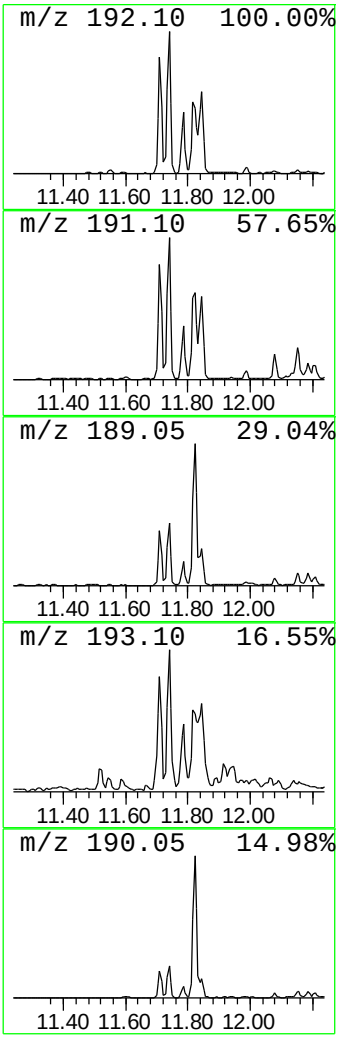
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	8.44 ng	546586	Phenanthrene-d10	11.21

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

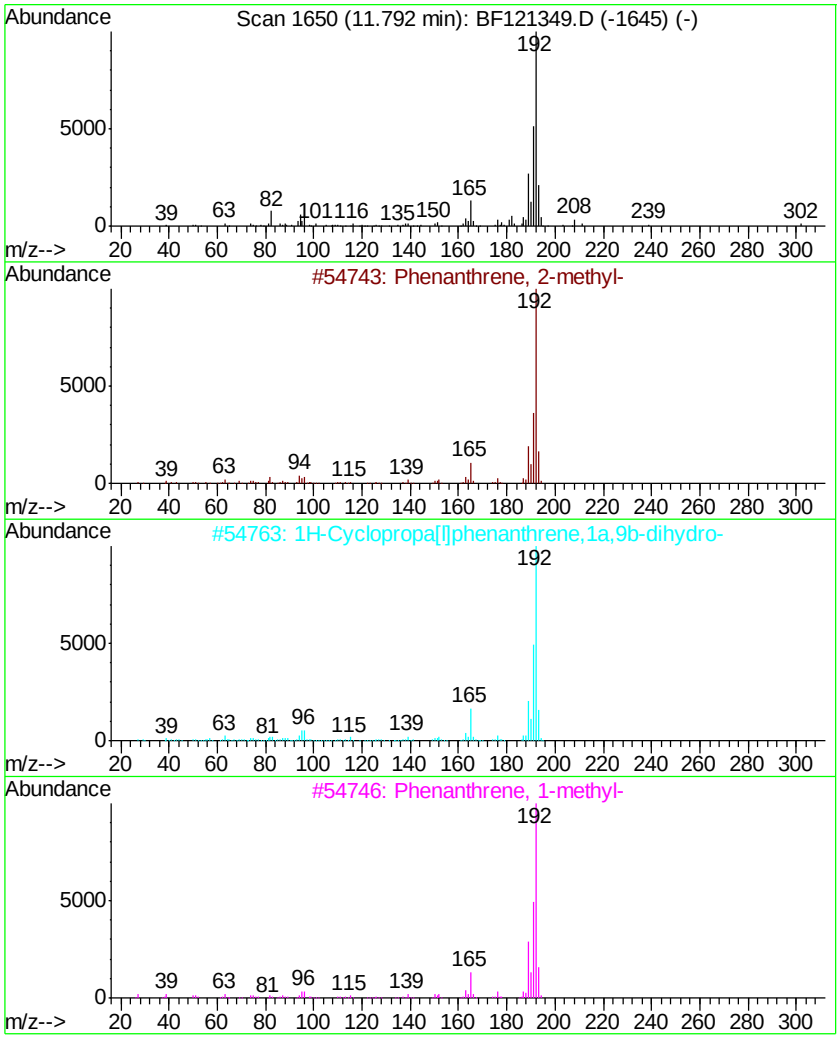
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

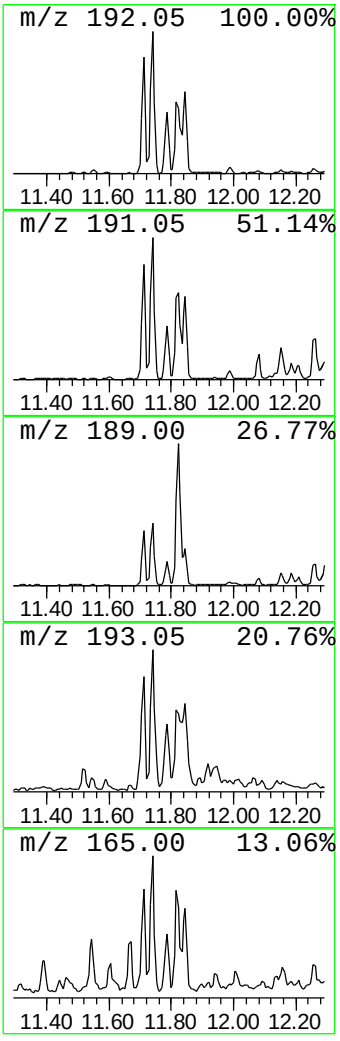
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.42 ng	221648	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Library Search Compound Report

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Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

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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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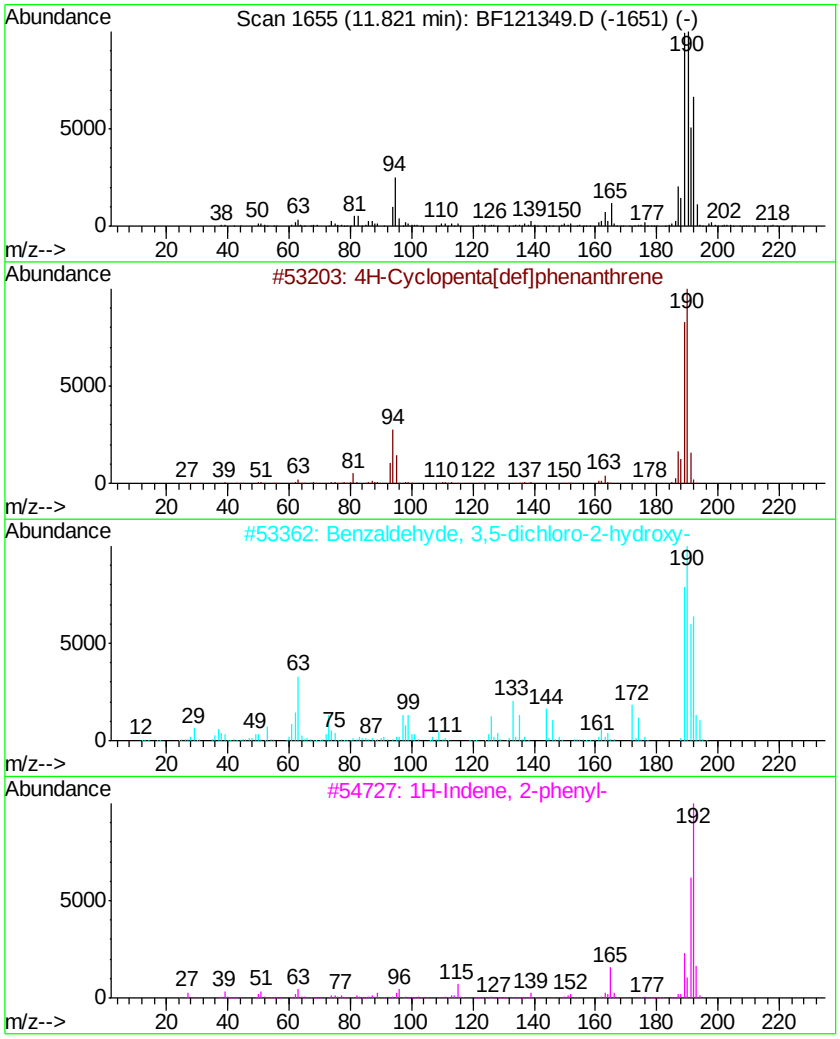
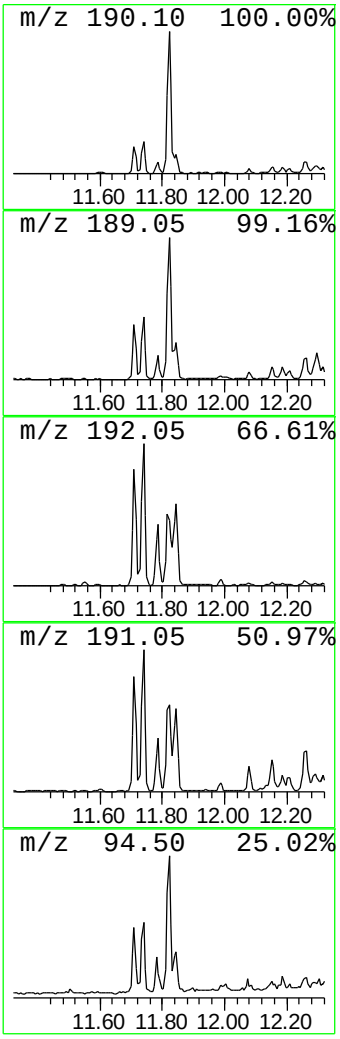
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	10.46 ng	677087	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	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	25





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Sample : L3678-02
Misc :
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Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

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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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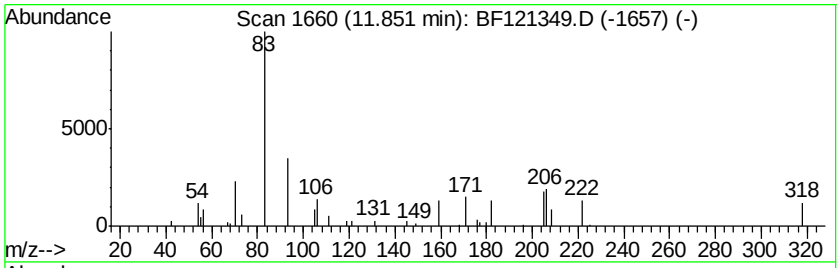
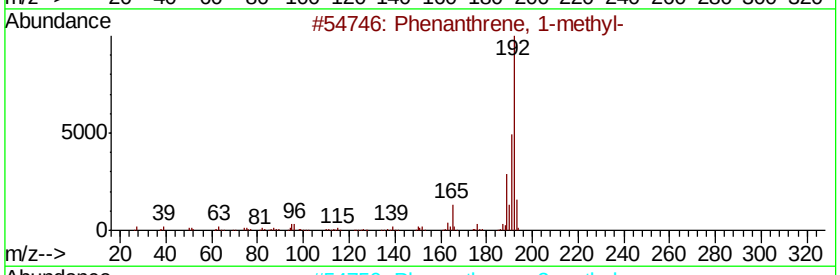
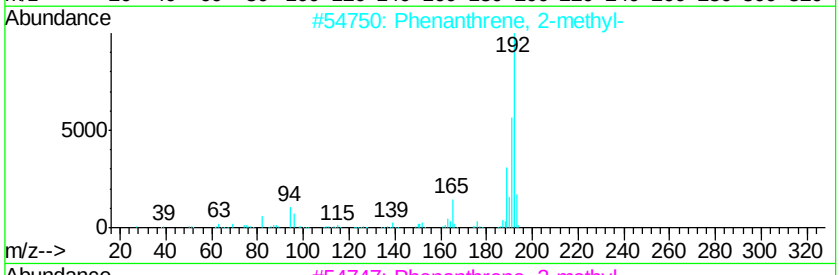
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 9

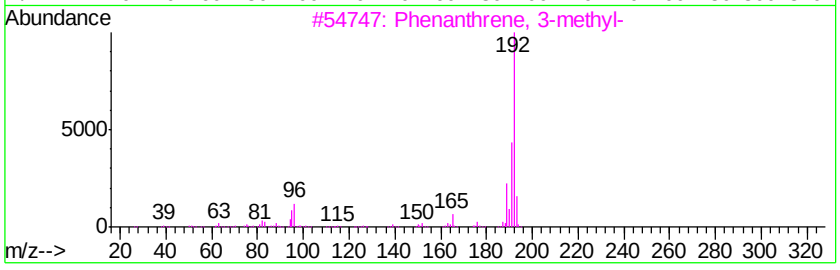
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.43 ng	286899	Phenanthrene-d10	11.21

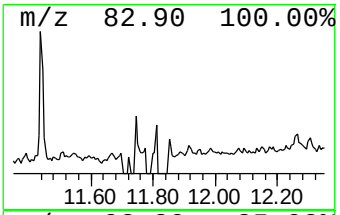
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80

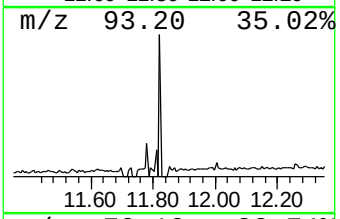


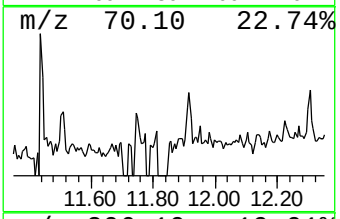


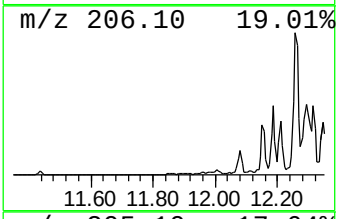


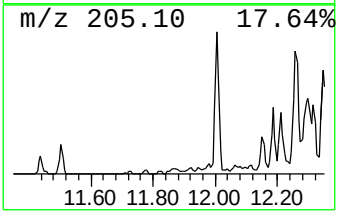












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Data File : BF121349.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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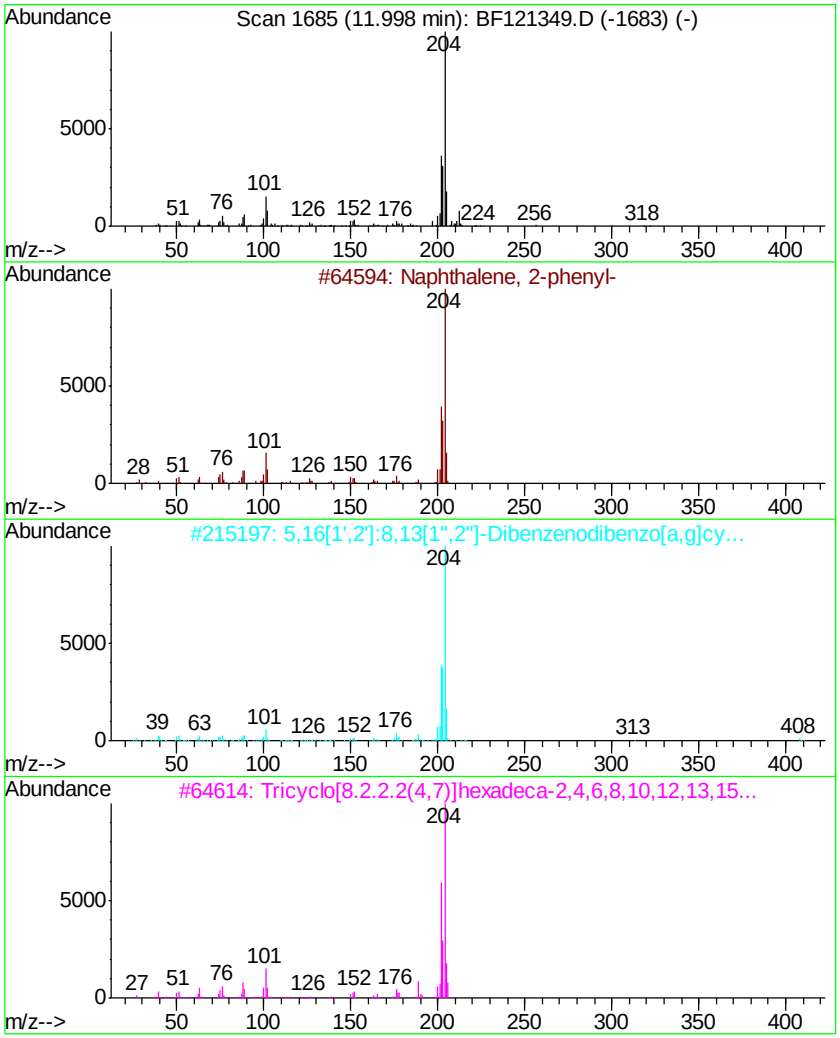
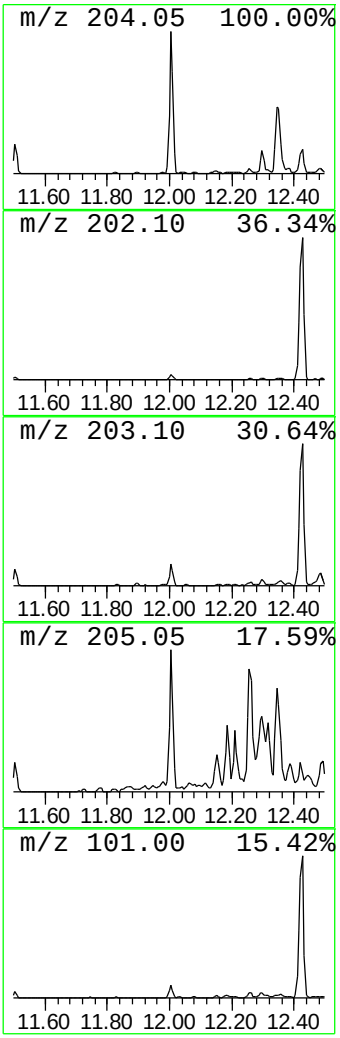
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.17 ng	269895	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53





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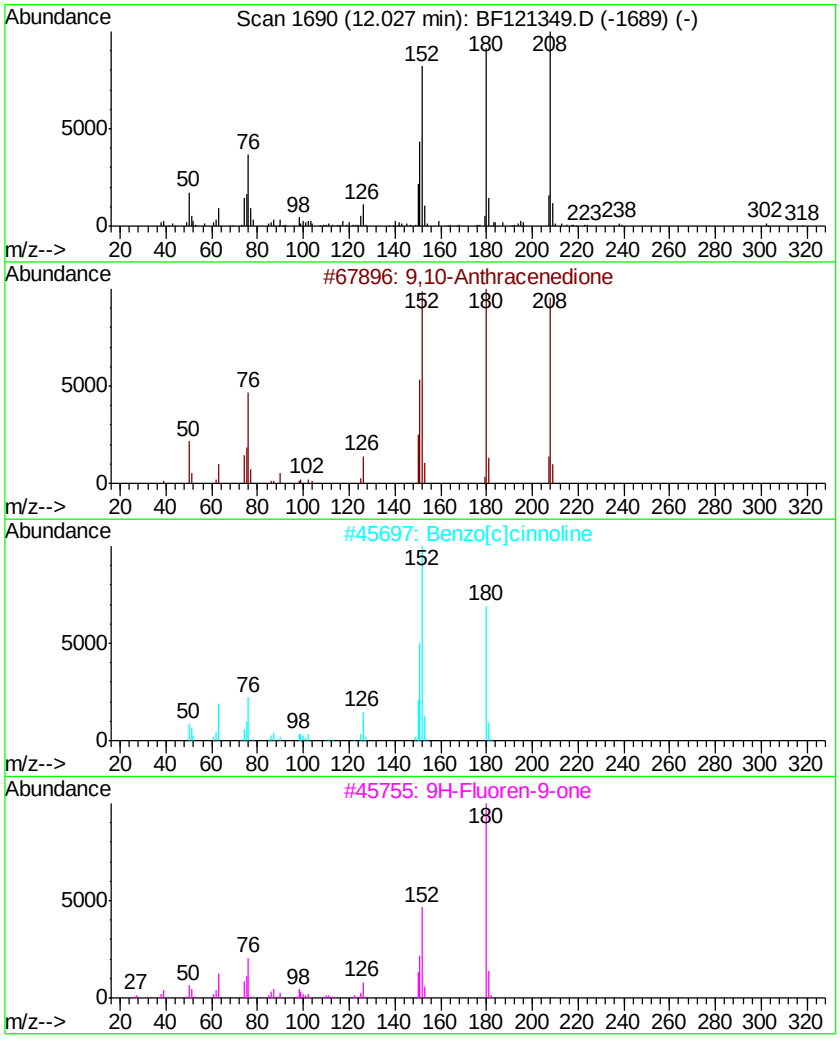
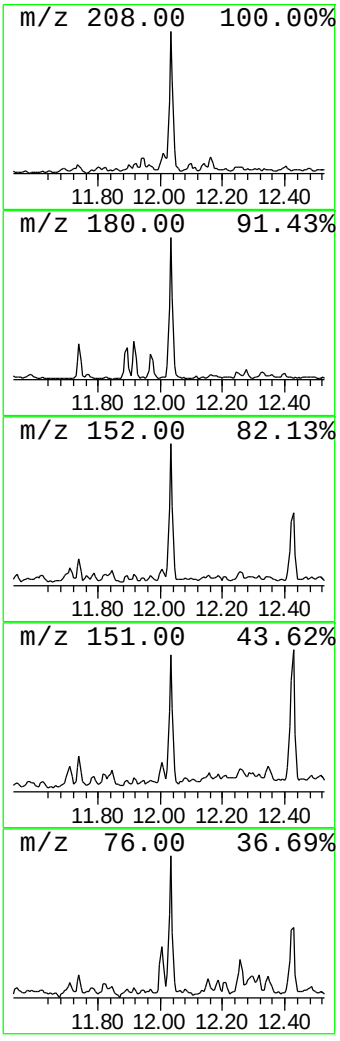
Peak Number 10 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.89 ng	187060	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64





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TIC Integration Parameters: LSCINT.P

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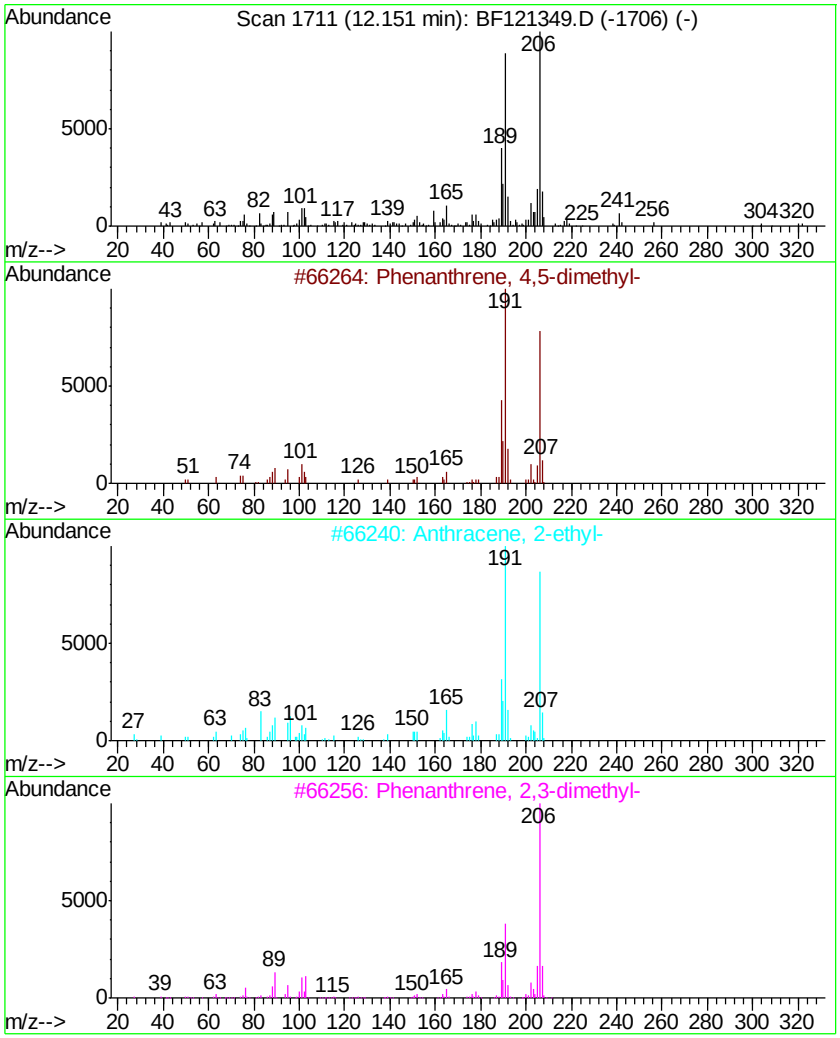
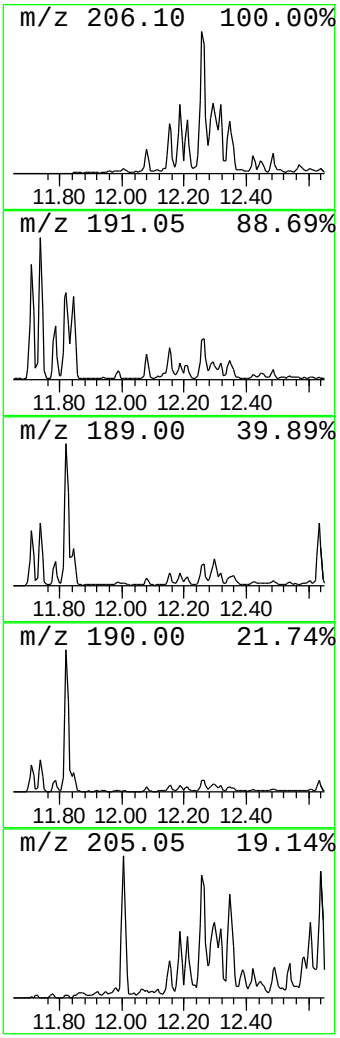
Peak Number 11 Phenanthrene, 4,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.14 ng	203543	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	97
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	76





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TIC Integration Parameters: LSCINT.P

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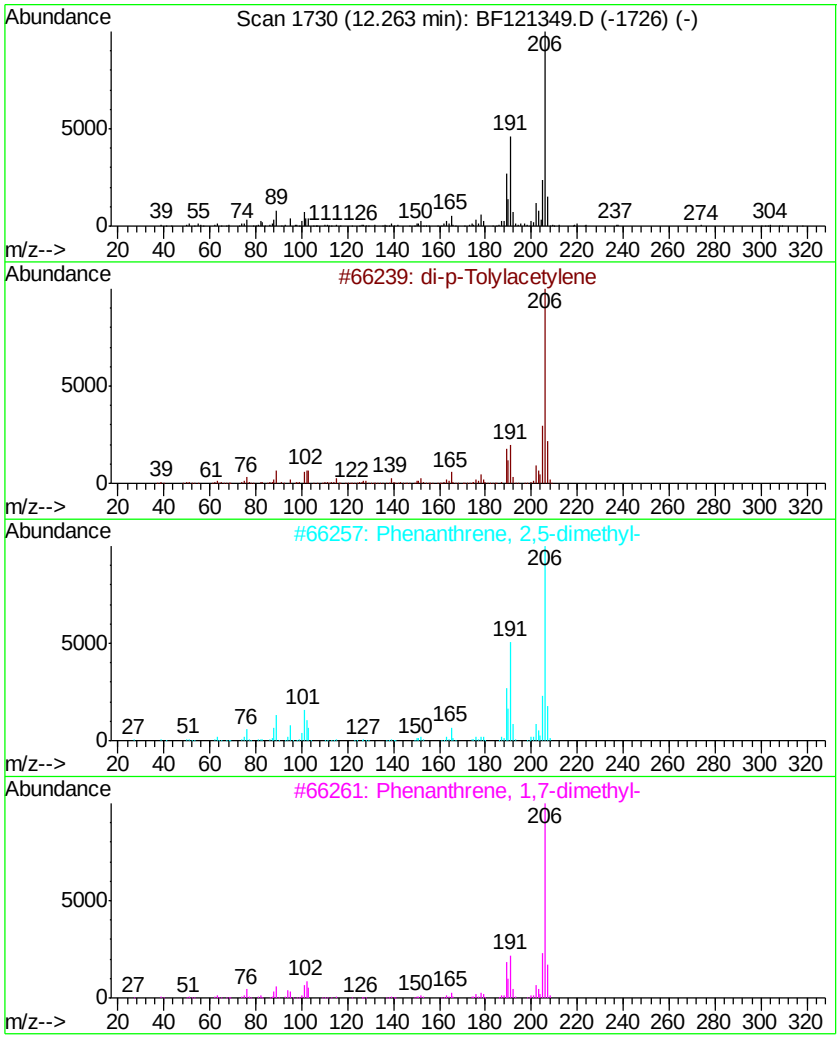
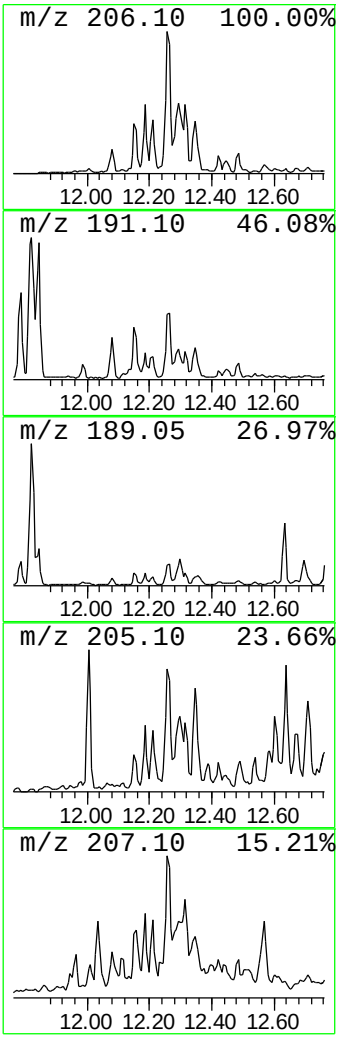
Peak Number 12 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	4.37 ng	282794	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	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, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

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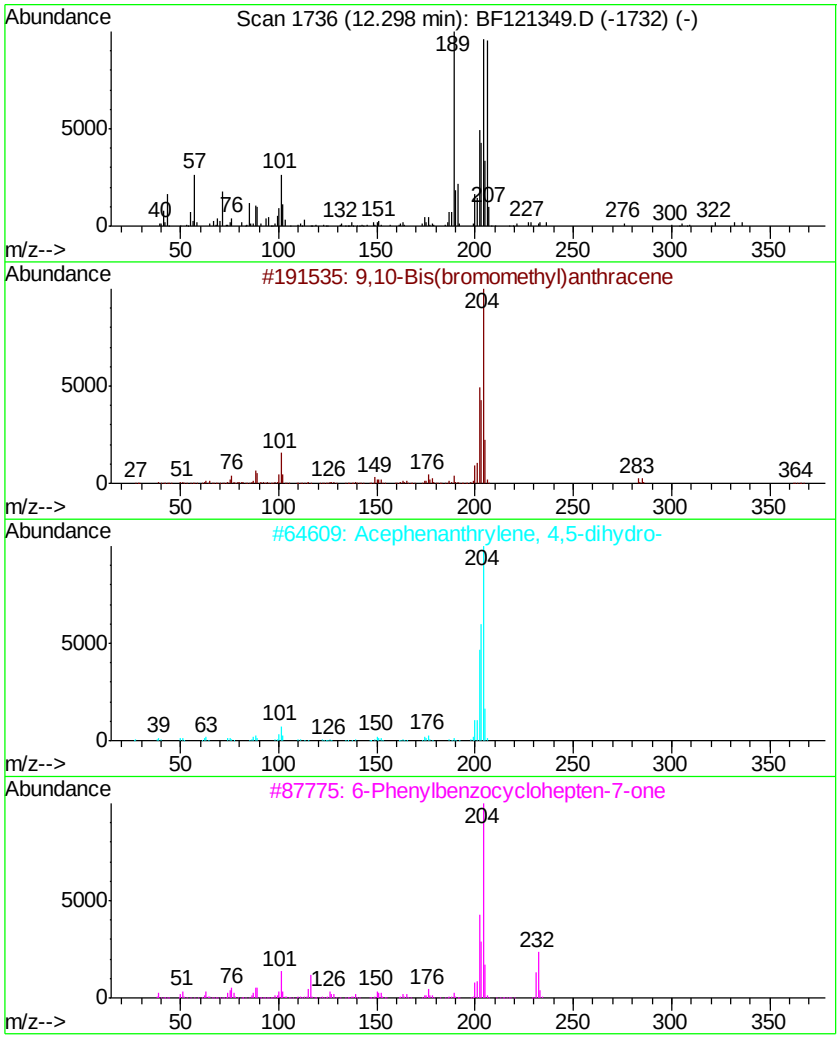
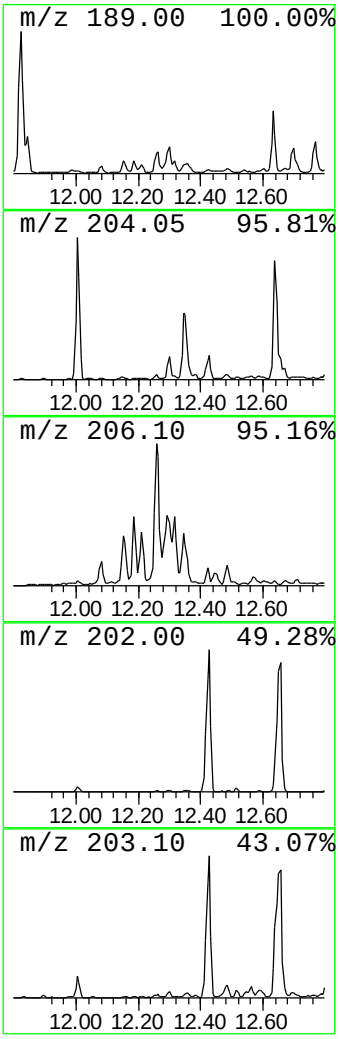
Peak Number 13 unknown12.30 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	4.94 ng	320094	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	35
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	35
5	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	35





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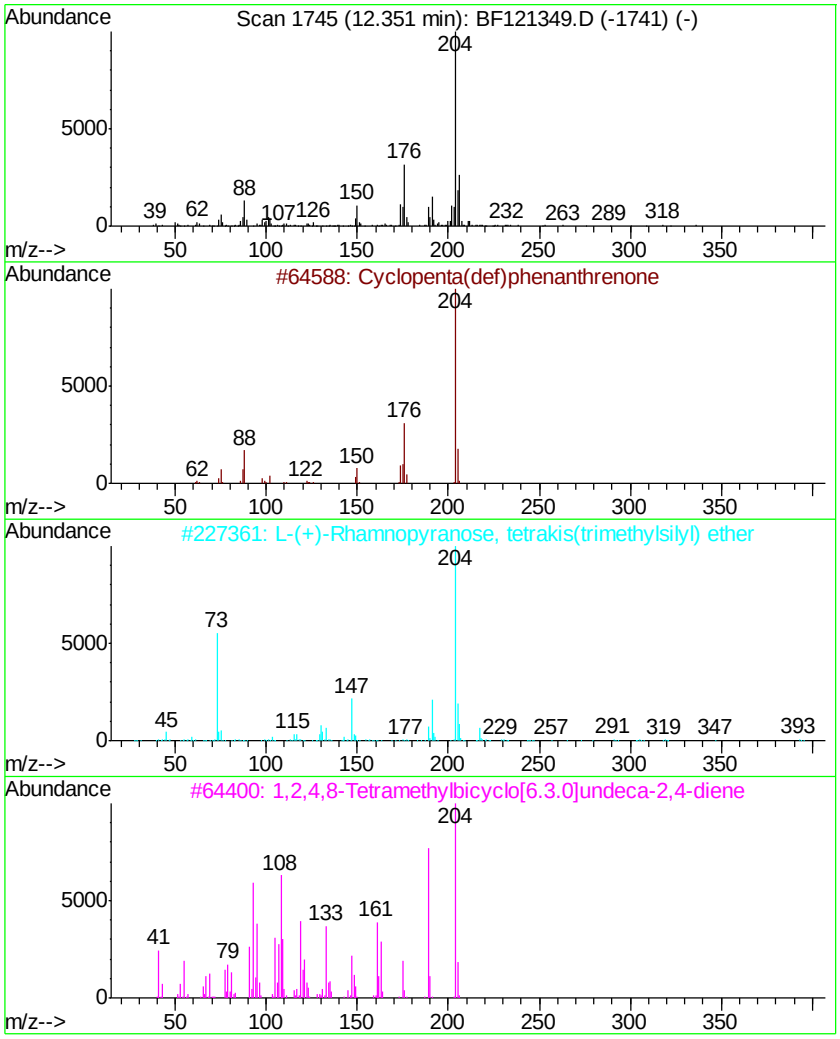
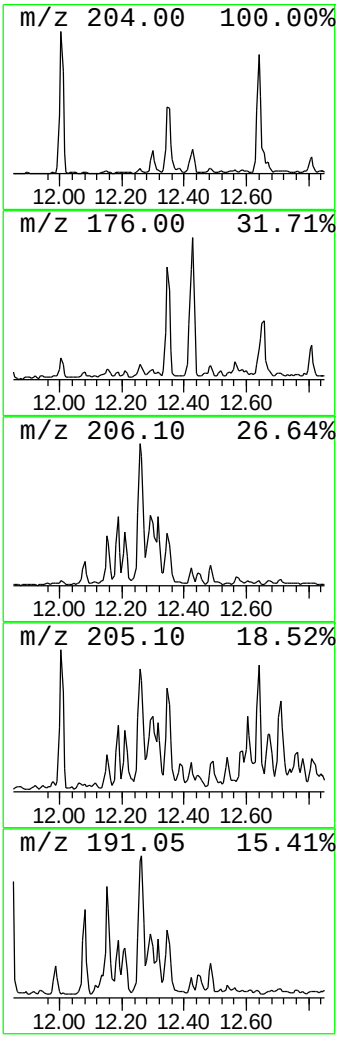
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.47 ng	289471	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43





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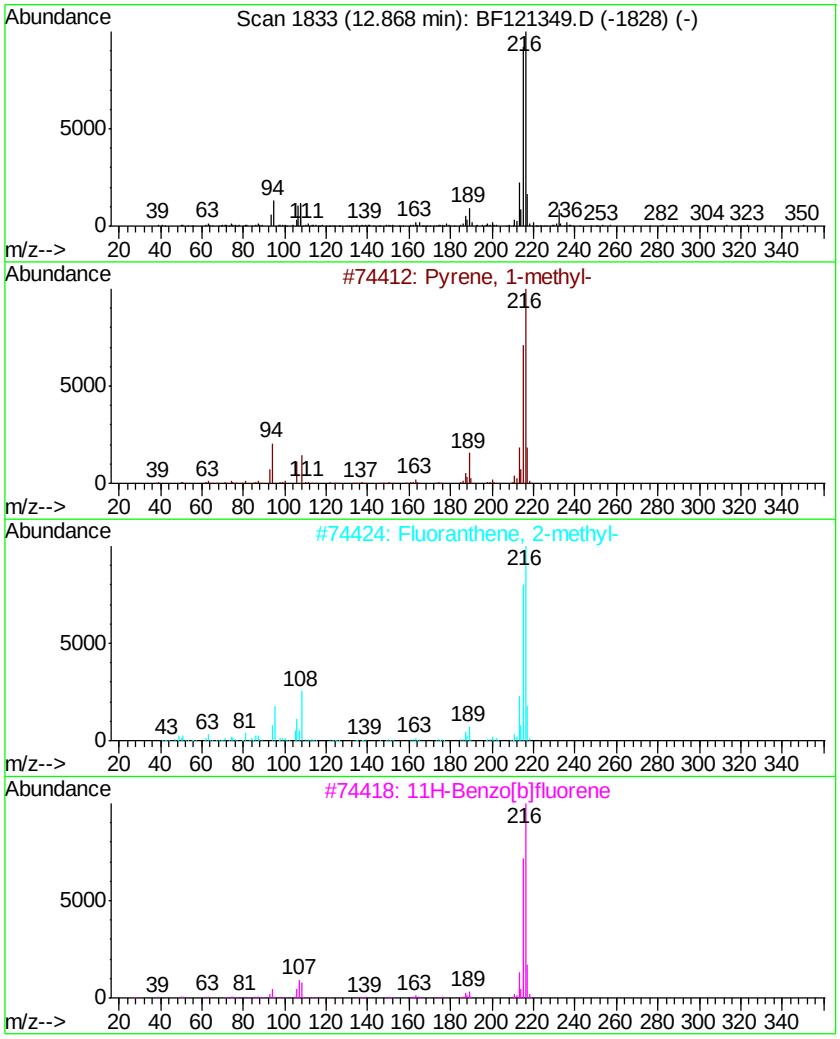
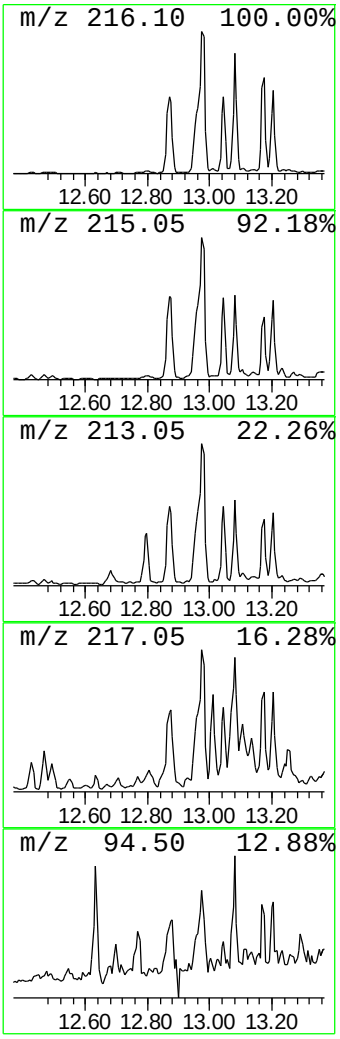
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.92 ng	460814	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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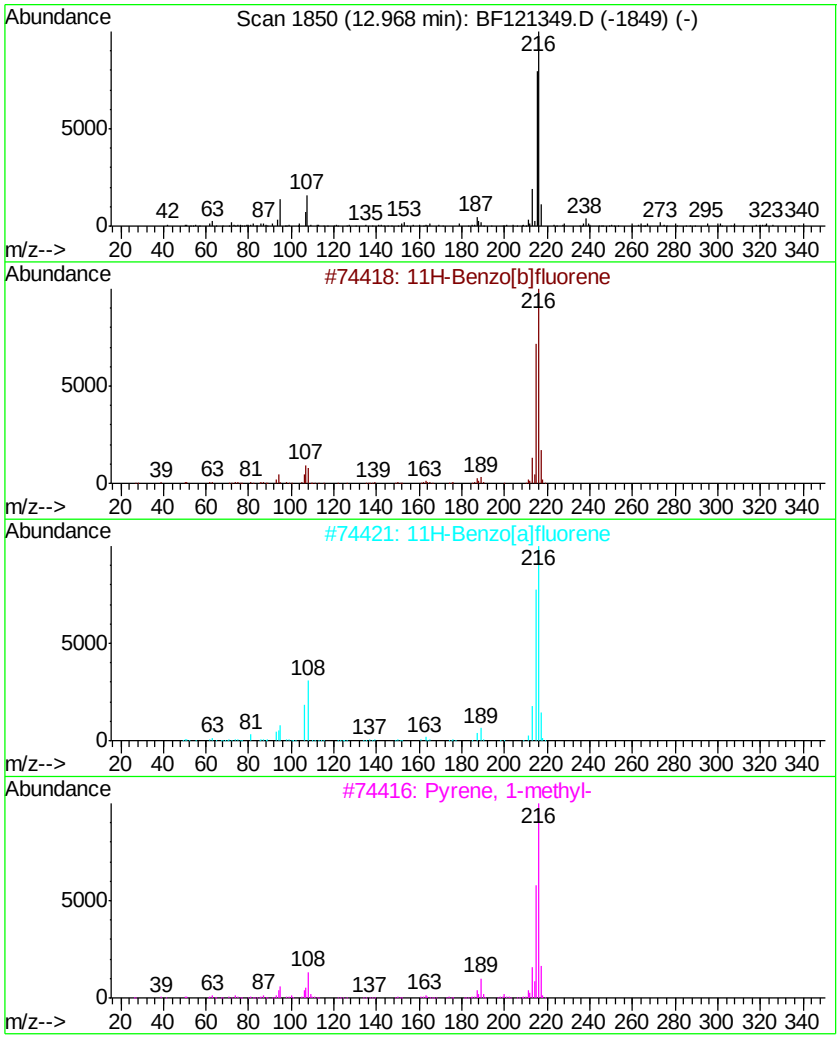
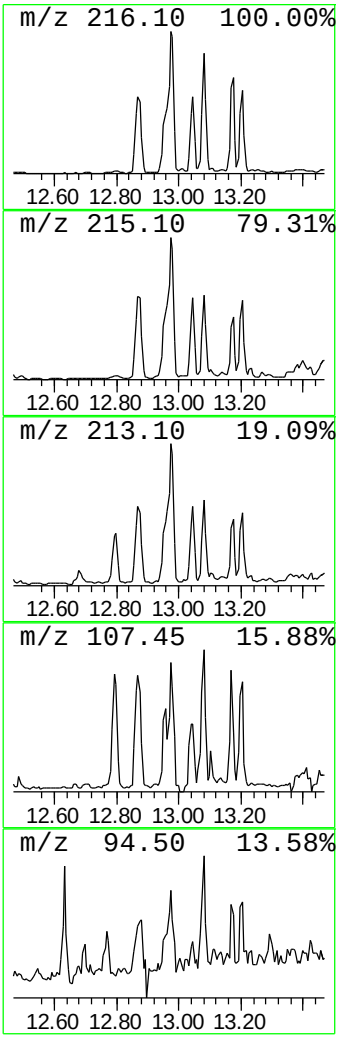
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.88 ng	453581	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58





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Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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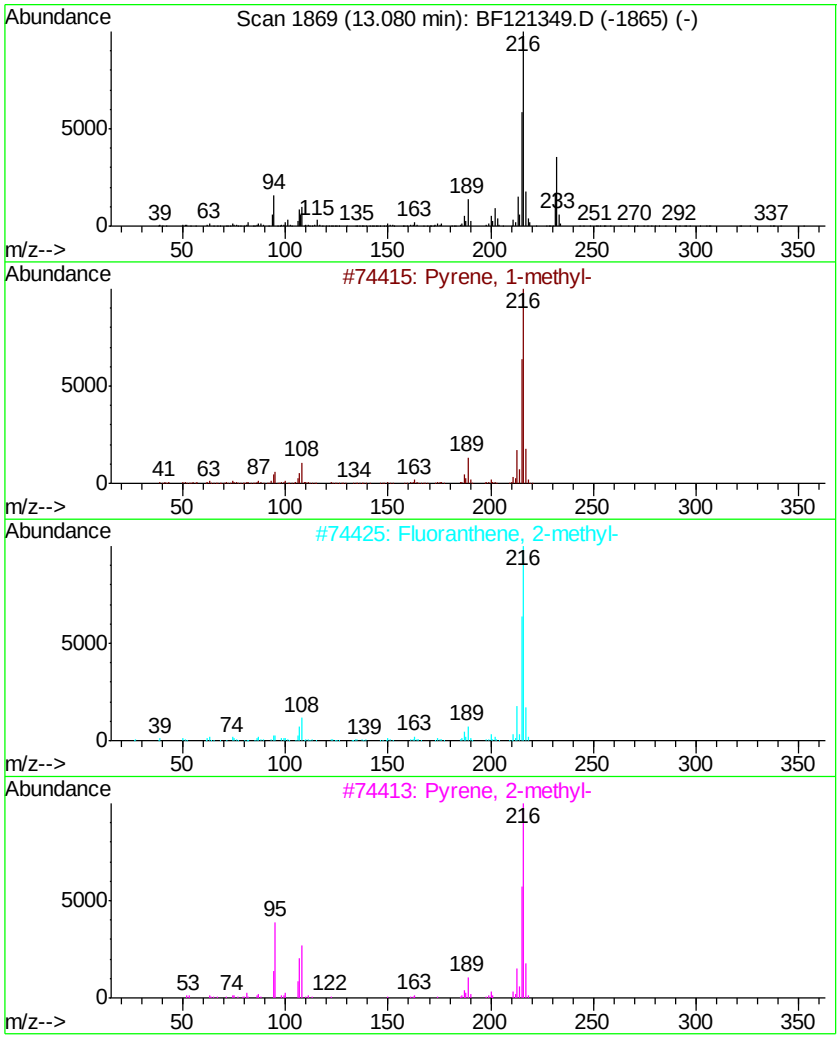
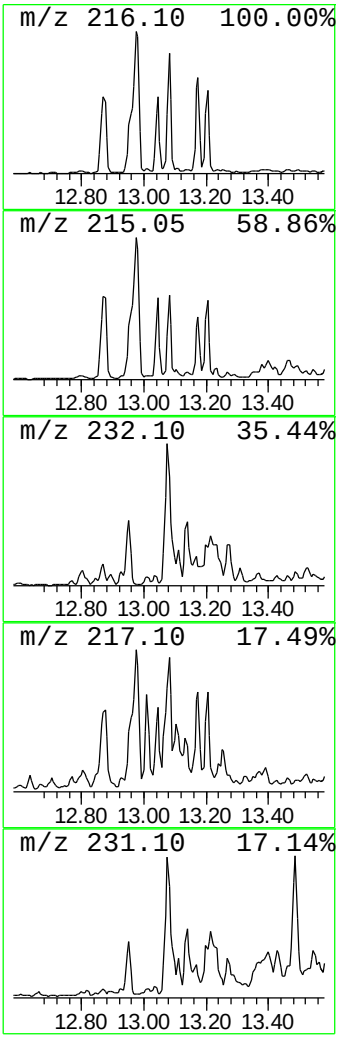
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	3.12 ng	492761	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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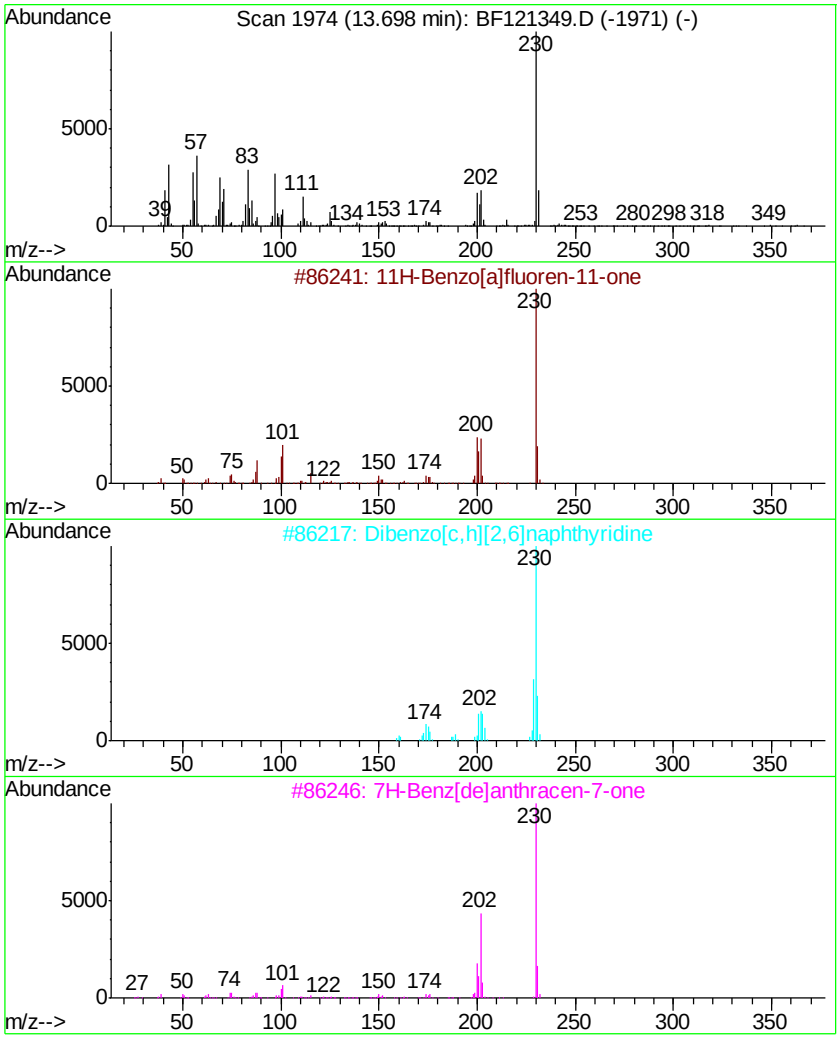
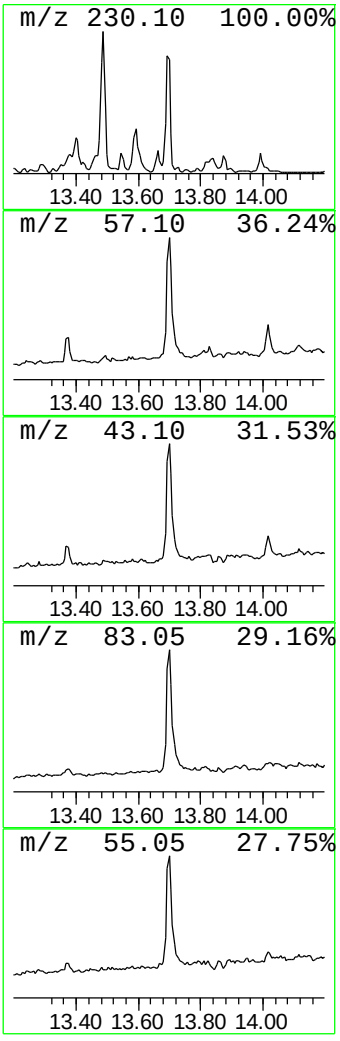
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.53 ng	713923	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	78
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
4	m-Terphenyl	230	C18H14	000092-06-8	43
5	Ferrocene, (2-hydroxyethyl)-	230	C12H14FeO	001273-90-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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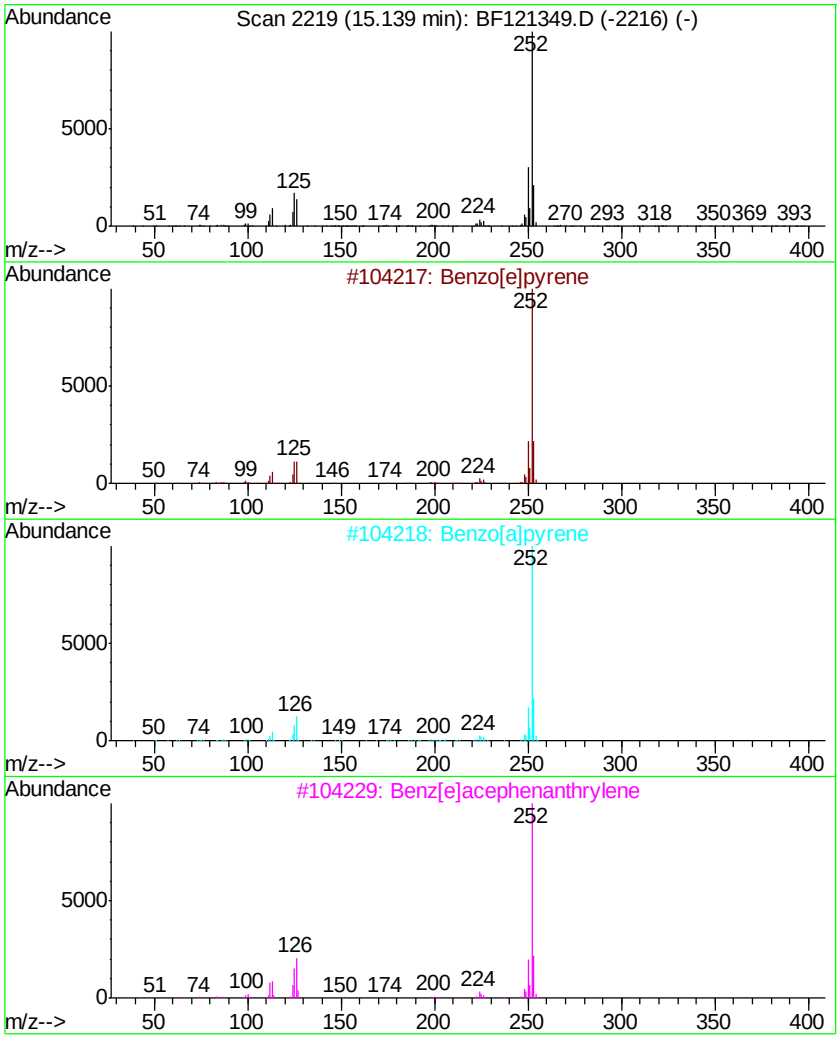
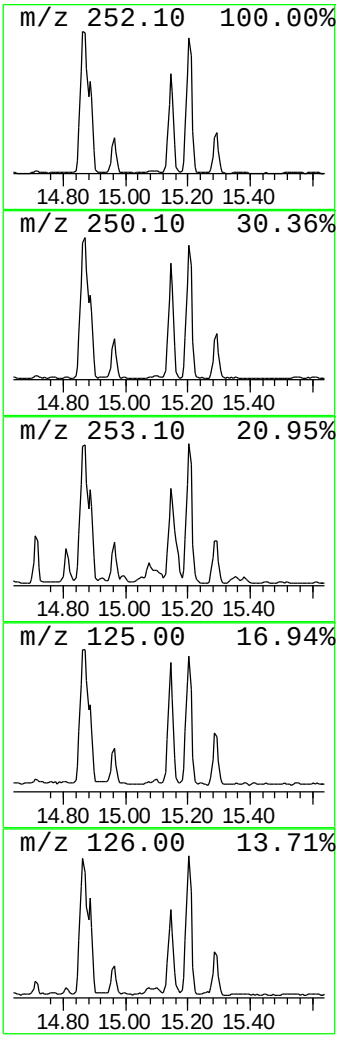
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	22.24 ng	1156780	Perylene-d12	15.26

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	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082020\
Data File : BF121349.D
Acq On : 20 Aug 2020 16:13
Operator : JU/CG
Sample : L3678-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BROOKLYN-BRIDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
Ethanol, 2-(2-eth...	6.53	3.4	ng	134218	1	6.69	791620	20.0
unknown11.06	11.06	3.1	ng	198991	4	11.21	1294700	20.0
Phenanthrene, 2-m...	11.71	6.7	ng	430691	4	11.21	1294700	20.0
Anthracene, 2-met...	11.74	8.4	ng	546586	4	11.21	1294700	20.0
1H-Cyclopropa[l]p...	11.79	3.4	ng	221648	4	11.21	1294700	20.0
4H-Cyclopenta[def...	11.82	10.5	ng	677087	4	11.21	1294700	20.0
Phenanthrene, 1-m...	11.85	4.4	ng	286899	4	11.21	1294700	20.0
Naphthalene, 2-ph...	12.00	4.2	ng	269895	4	11.21	1294700	20.0
9,10-Anthracenedione	12.03	2.9	ng	187060	4	11.21	1294700	20.0
Phenanthrene, 4,5...	12.15	3.1	ng	203543	4	11.21	1294700	20.0
di-p-Tolylacetylene	12.26	4.4	ng	282794	4	11.21	1294700	20.0
unknown12.30	12.30	4.9	ng	320094	4	11.21	1294700	20.0
Cyclopenta(def)ph...	12.35	4.5	ng	289471	4	11.21	1294700	20.0
Pyrene, 1-methyl-	12.87	2.9	ng	460814	5	13.85	3155200	20.0
11H-Benzo[b]fluorene	12.97	2.9	ng	453581	5	13.85	3155200	20.0
Fluoranthene, 2-m...	13.08	3.1	ng	492761	5	13.85	3155200	20.0
11H-Benzo[a]fluor...	13.70	4.5	ng	713923	5	13.85	3155200	20.0
Benzo[e]pyrene	15.14	22.2	ng	1156780	6	15.26	1040050	20.0