LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122455.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	12	rVB	469342	567316	16.48%	0.936%
2	2.234	21	25	30	rVB	38163	50029	1.45%	0.083%
3	4.446	397	401	406	rBV	50922	58338	1.70%	0.096%
4	4.587	421	425	430	rVB	91201	99818	2.90%	0.165%
5	5.075	501	508	511	rBV	1375148	1642414	47.72%	2.710%
6	5.481	573	577	581	rBV	2829425	2792460	81.14%	4.608%
7	5.875	640	644	652	rVB	172702	144700	4.20%	0.239%
8	6.492	744	749	765	rBV	2940112	2977053	86.50%	4.912%
9	6.692	780	783	788	rBV3	50398	63116	1.83%	0.104%
10	6.863	808	812	815	rBV	1270283	982270	28.54%	1.621%
11	7.422	903	907	913	rBV	1969687	1807072	52.51%	2.982%
12	8.151	1025	1031	1034	rBV	1412127	1251494	36.36%	2.065%
13	9.228	1210	1214	1217	rBV	3732600	3137433	91.16%	5.177%
14	9.563	1268	1271	1274	rBV	46297	46767	1.36%	0.077%
15	9.622	1278	1281	1289	rVB	399551	352636	10.25%	0.582%
16	9.769	1301	1306	1311	rBV	117972	100906	2.93%	0.166%
17	9.910	1323	1330	1333	rBV	1521258	1377446	40.02%	2.273%
18	9.939	1333	1335	1339	rVB	190295	152452	4.43%	0.252%
19	10.110	1361	1364	1368	rBV	92710	89134	2.59%	0.147%
20	10.457	1419	1423	1429	rBV	145692	146005	4.24%	0.241%
21	10.522	1429	1434	1436	rBV	49471	64025	1.86%	0.106%
22	10.616	1447	1450	1454	rVB	53009	58432	1.70%	0.096%
23	10.698	1459	1464	1469	rBV	1930480	1962540	57.02%	3.238%
24	10.822	1481	1485	1489	rBV4	52110	72429	2.10%	0.120%
25	11.004	1511	1516	1519	rBV3	57756	76461	2.22%	0.126%
26	11.133	1533	1538	1540	rBV3	52693	79062	2.30%	0.130%
27	11.157	1540	1542	1546	rVV2	58445	54506	1.58%	0.090%
28	11.198	1546	1549	1553	rVB2	86897	92619	2.69%	0.153%
29	11.257	1553	1559	1563	rBV4	72345	150777	4.38%	0.249%
30	11.292	1563	1565	1571	rVB	122161	113891	3.31%	0.188%
31	11.398	1579	1583	1585	rBV	1374671	1345344	39.09%	2.220%
32	11.422	1585	1587	1590	rVV	2161262	1628932	47.33%	2.688%
33	11.469	1592	1595	1599	rVV	484992	433461	12.59%	0.715%
34	11.504	1599	1601	1604	rVB2	70864	63240	1.84%	0.104%
35	11.627	1616	1622	1625	rBV2	155833	191505	5.56%	0.316%
36	11.692	1631	1633	1637	rBV2	100085	83534	2.43%	0.138%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.727	1637	1639	1645	rVB2	80128	80943	2.35%	0.134%
38	11.898	1663	1668	1670	rBV	388352	348241	10.12%	0.575%
39	11.927	1670	1673	1677	rVV	819848	703714	20.45%	1.161%
40	11.974	1677	1681	1684	rVV2	191546	186054	5.41%	0.307%
41	12.010	1684	1687	1690	rVV	578298	653773	19.00%	1.079%
42	12.033	1690	1691	1696	rVB	312701	186939	5.43%	0.308%
43	12.080	1696	1699	1701	rBV3	36749	46517	1.35%	0.077%
44	12.192	1710	1718	1720	rBV	246771	290899	8.45%	0.480%
45	12.216	1720	1722	1726	rVB2	181678	155733	4.52%	0.257%
46	12.269	1729	1731	1735	rVB	58840	54749	1.59%	0.090%
47	12.345	1742	1744	1747	rVB	123290	93195	2.71%	0.154%
48	12.374	1747	1749	1751	rBV	89645	72752	2.11%	0.120%
49	12.398	1751	1753	1756	rVB	88291	73140	2.13%	0.121%
50	12.451	1758	1762	1765	rBV	284887	309467	8.99%	0.511%
51	12.486	1765	1768	1770	rBV2	147760	153660	4.46%	0.254%
52	12.533	1774	1776	1782	rVB2	202507	223543	6.50%	0.369%
53	12.616	1786	1790	1793	rBV	3216097	2787295	80.99%	4.599%
54	12.710	1803	1806	1809	rBV2	182440	209655	6.09%	0.346%
55	12.763	1813	1815	1819	rVV	105777	119587	3.47%	0.197%
56	12.845	1823	1829	1832	rBV	3138841	3254599	94.57%	5.370%
57	12.892	1834	1837	1842	rVB2	140046	190547	5.54%	0.314%
58	12.963	1845	1849	1850	rBV2	153686	166600	4.84%	0.275%
59	12.986	1850	1853	1860	rVB	3225496	2886603	83.87%	4.763%
60	13.063	1861	1866	1869	rBV3	248604	376332	10.93%	0.621%
61	13.092	1869	1871	1873	rVB	64891	47414	1.38%	0.078%
62	13.121	1873	1876	1877	rBV3	48671	51581	1.50%	0.085%
63	13.145	1877	1880	1882	rBV4	186613	222772	6.47%	0.368%
64	13.169	1882	1884	1887	rVB	510301	446234	12.97%	0.736%
65	13.239	1893	1896	1898	rVB	340083	275964	8.02%	0.455%
66	13.274	1898	1902	1904	rBV2	403302	380473	11.06%	0.628%
67	13.298	1904	1906	1910	rVB	83686	89362	2.60%	0.147%
68	13.333	1910	1912	1914	rBV2	58202	50705	1.47%	0.084%
69	13.369	1915	1918	1920	rVV	245808	200320	5.82%	0.331%
70	13.398	1920	1923	1927	rVB	271905	227232	6.60%	0.375%
71	13.574	1946	1953	1955	rBV5	119910	236891	6.88%	0.391%
72	13.621	1959	1961	1964	rVB2	63416	48557	1.41%	0.080%
73	13.674	1964	1970	1975	rBV2	273906	423735	12.31%	0.699%
74	13.792	1985	1990	1993	rBV2	288518	446813	12.98%	0.737%
75	13.821	1993	1995	1997	rVV	335724	304681	8.85%	0.503%
76	13.845	1997	1999	2003	rVV2	236797	347970	10.11%	0.574%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.886	2003	2006	2016	rVB2	268589	503392	14.63%	0.831%
78	14.039	2025	2032	2035	rBV2	2295024	3441636	100.00%	5.679%
79	14.068	2035	2037	2043	rVB	1802972	1662140	48.30%	2.743%
80	14.151	2048	2051	2054	rVV	236119	193428	5.62%	0.319%
81	14.268	2067	2071	2074	rBV2	136606	176276	5.12%	0.291%
82	14.298	2074	2076	2079	rVB3	90154	80067	2.33%	0.132%
83	14.392	2090	2092	2094	rBV	100961	88894	2.58%	0.147%
84	14.433	2094	2099	2101	rVV	381181	407937	11.85%	0.673%
85	14.463	2101	2104	2107	rVB	246979	220358	6.40%	0.364%
86	14.521	2111	2114	2117	rVB2	208738	214377	6.23%	0.354%
87	14.557	2117	2120	2122	rBV	212873	218593	6.35%	0.361%
88	14.739	2148	2151	2154	rBV3	121669	172144	5.00%	0.284%
89	15.092	2206	2211	2215	rBV	1525082	2628376	76.37%	4.337%
90	15.198	2226	2229	2233	rVB	297302	325966	9.47%	0.538%
91	15.292	2242	2245	2246	rBV3	81748	89293	2.59%	0.147%
92	15.398	2259	2263	2269	rVB	994082	1335924	38.82%	2.204%
93	15.463	2269	2274	2280	rVV	1469473	1859416	54.03%	3.068%
94	15.527	2280	2285	2288	rVV	1142302	1499106	43.56%	2.474%
95	15.557	2288	2290	2297	rVB2	468715	611766	17.78%	1.009%
96	16.092	2378	2381	2390	rVB3	128366	210812	6.13%	0.348%
97	17.004	2530	2536	2544	rVB2	659304	1329696	38.64%	2.194%
98	17.180	2563	2566	2571	rVB	127505	193679	5.63%	0.320%
99	17.451	2605	2612	2624	rVB	556767	1177824	34.22%	1.943%
100	17.686	2648	2652	2657	rVB	131050	228986	6.65%	0.378%

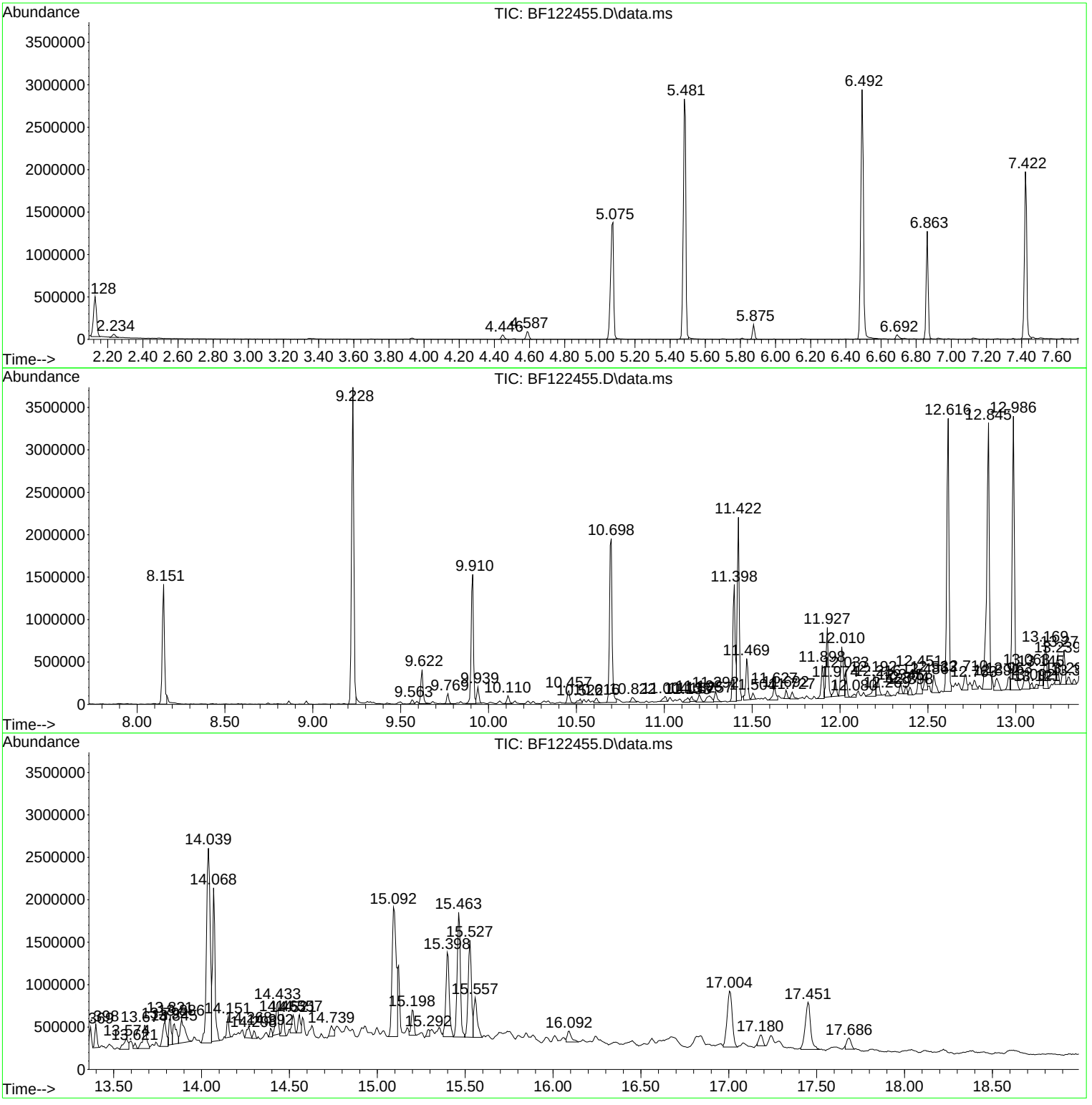
Sum of corrected areas: 60604944

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03

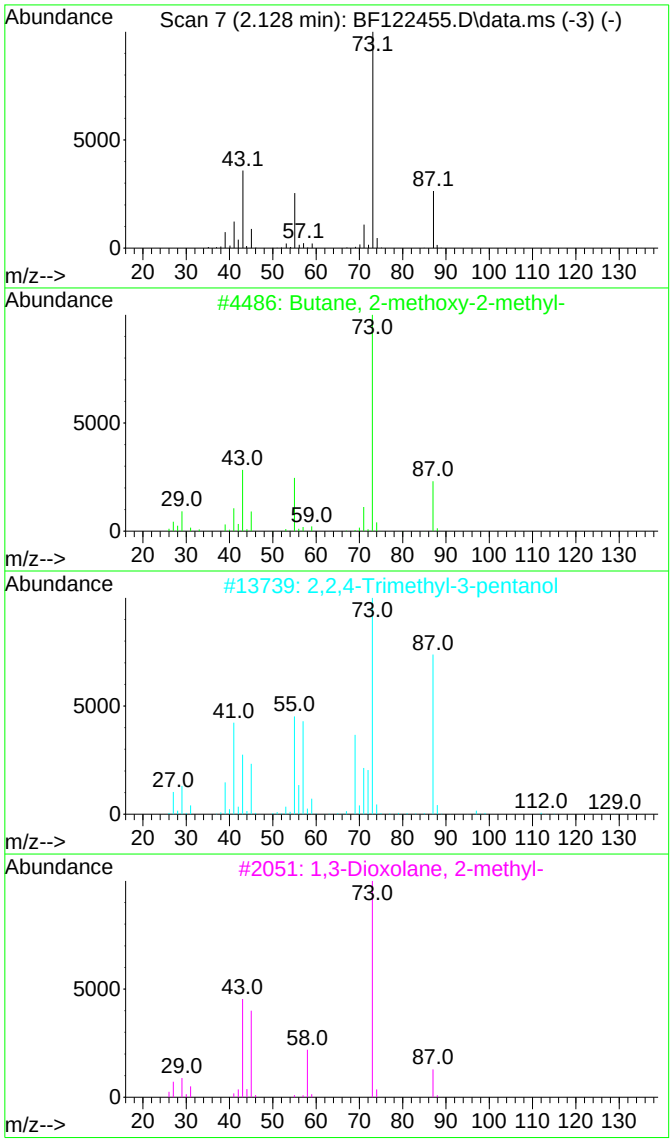
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

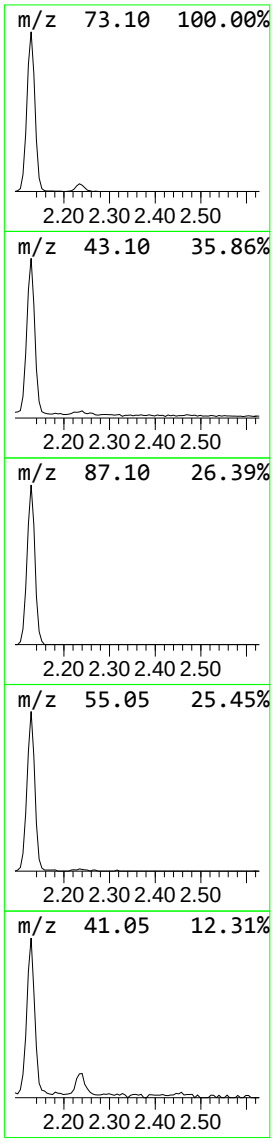
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	11.55 ng	567316	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03

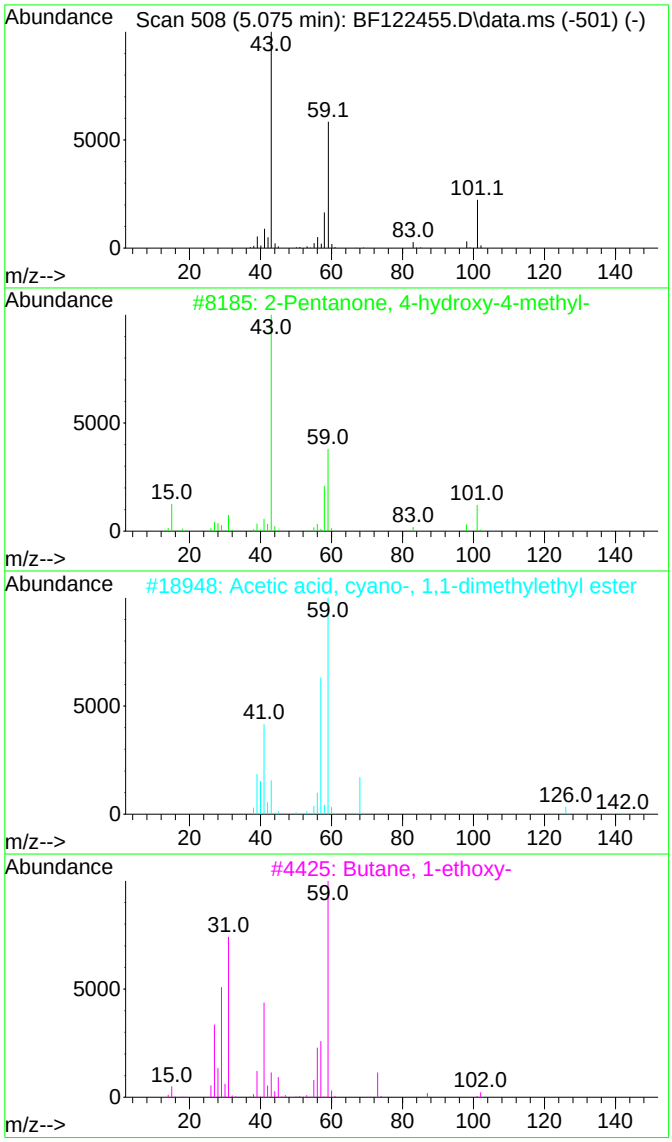
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

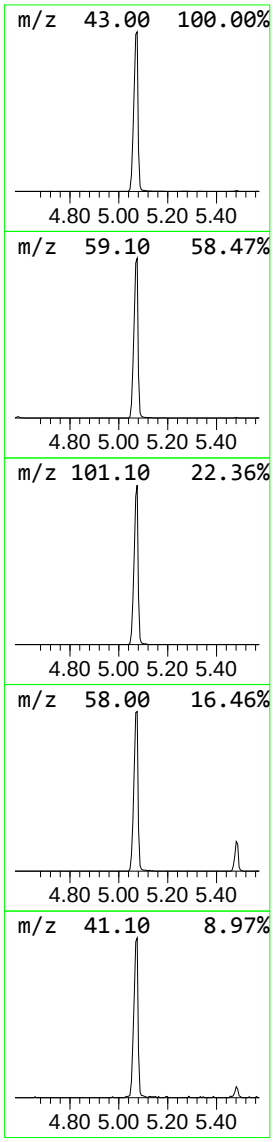
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	33.44 ng	1642410	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

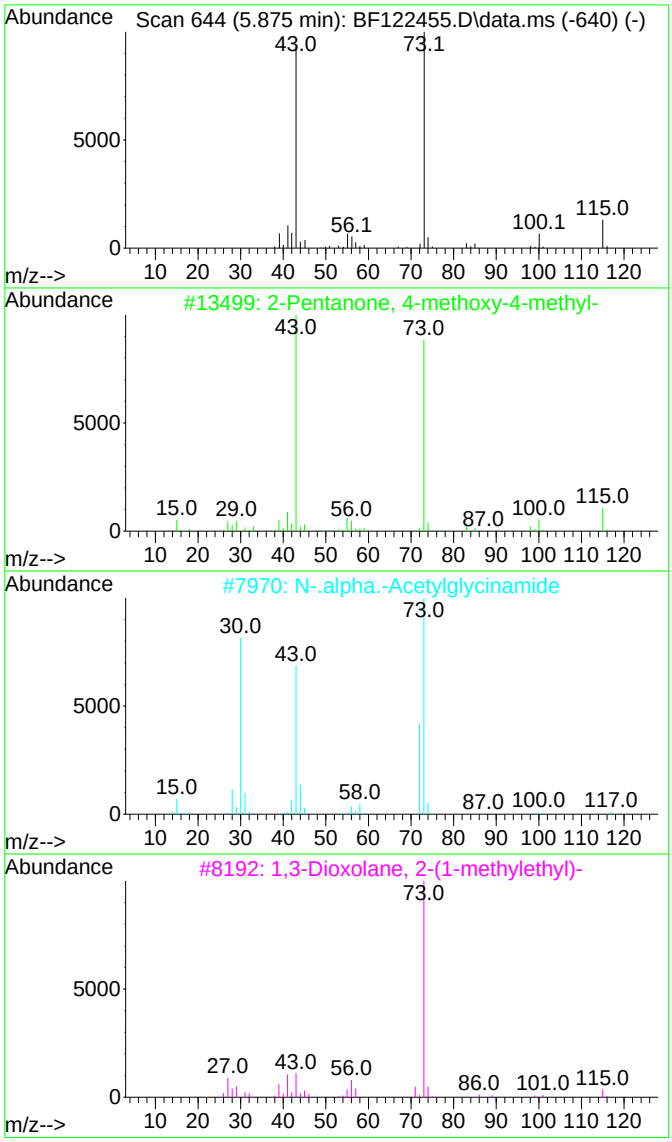
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

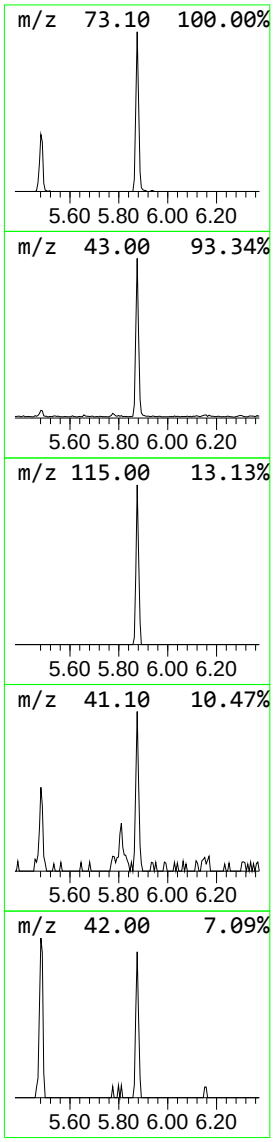
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.875	2.95 ng	144700	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	33
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	12
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	12
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

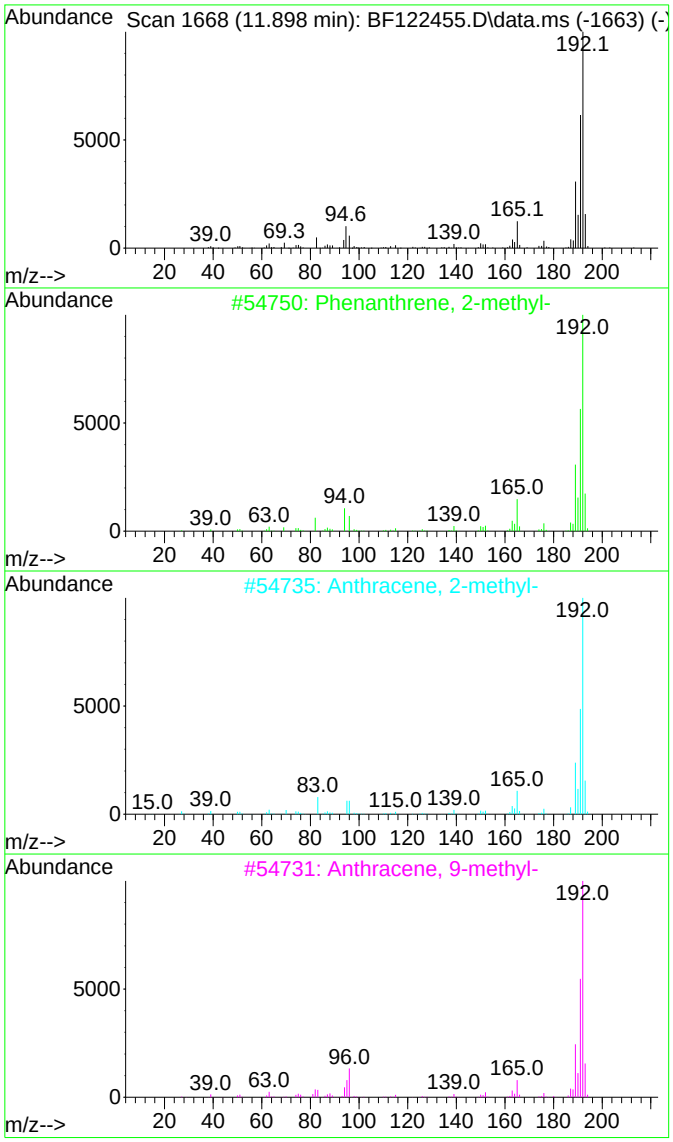
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

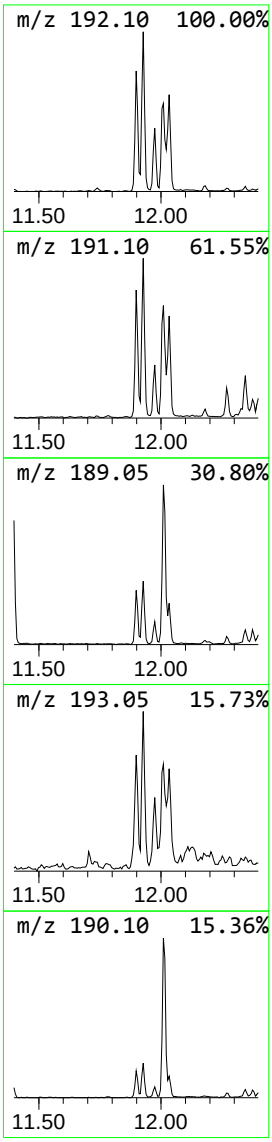
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	5.18 ng	348241	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

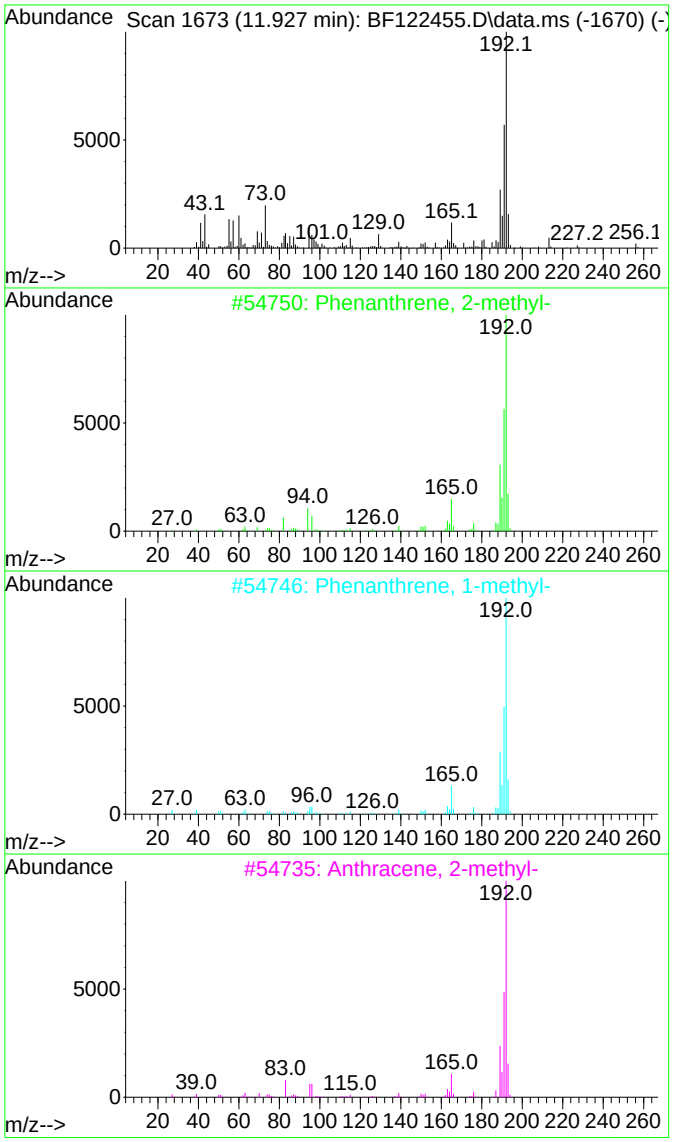
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

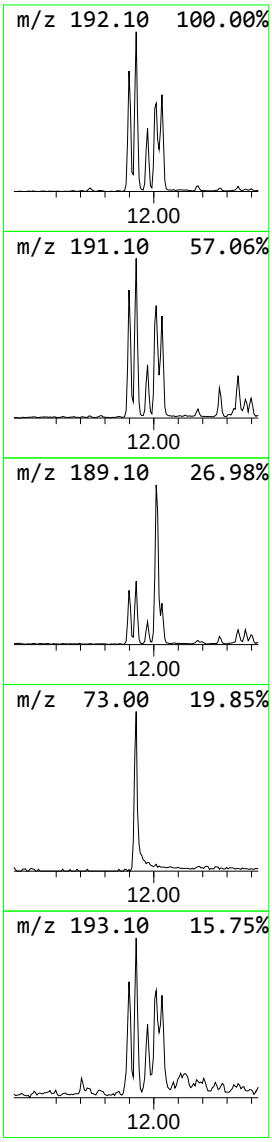
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	10.46 ng	703714	Phenanthrene-d10	11.398

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, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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Operator : JU/CG
Sample : L4836-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-03

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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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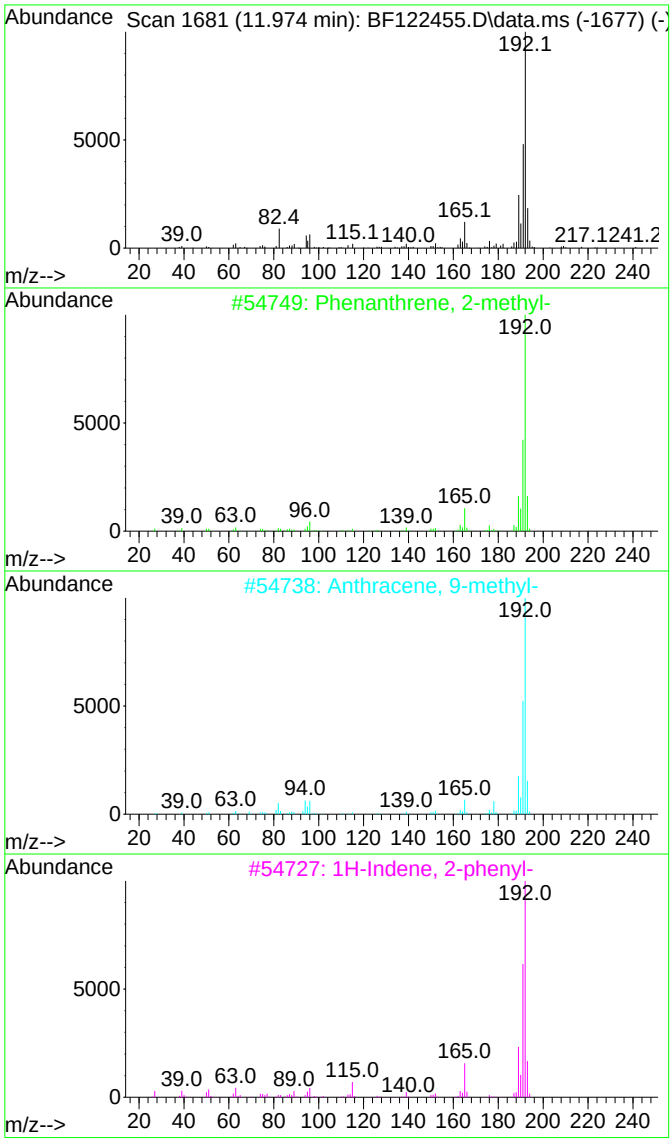
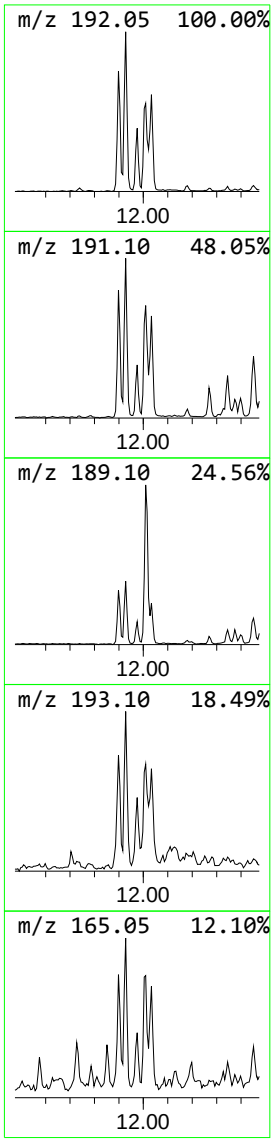
Peak Number 6 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.77 ng	186054	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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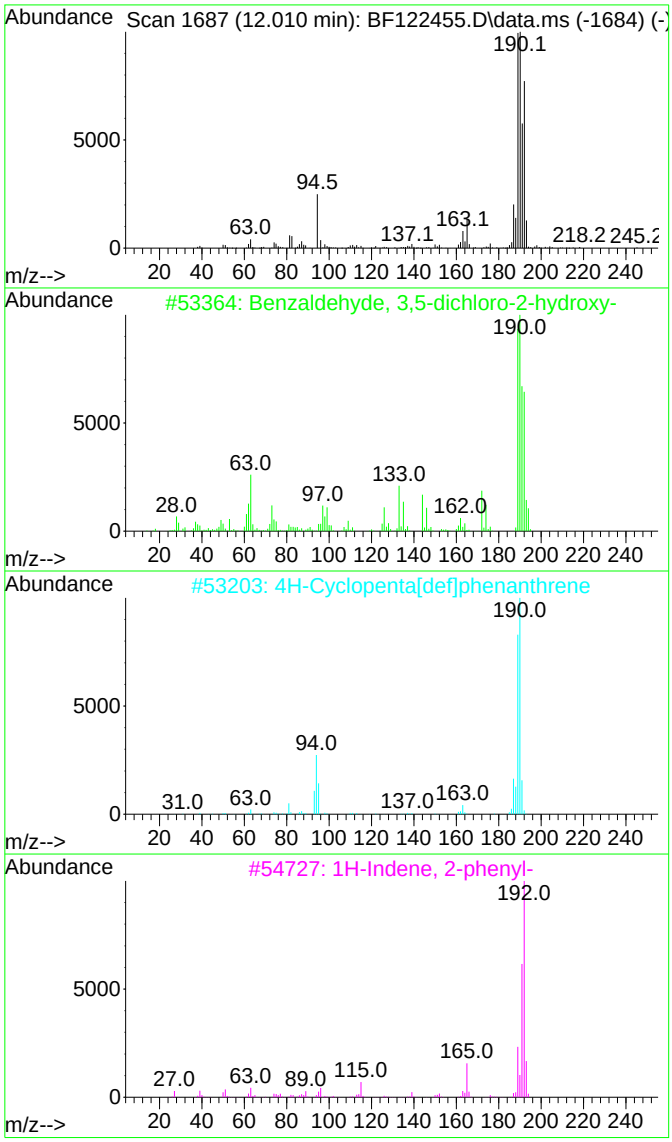
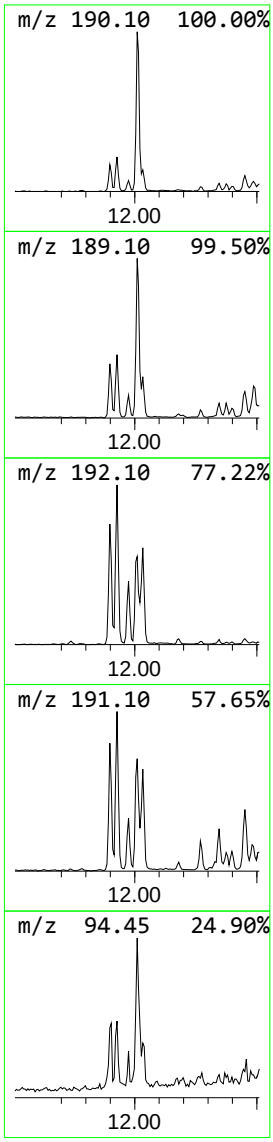
Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	9.72 ng	653773	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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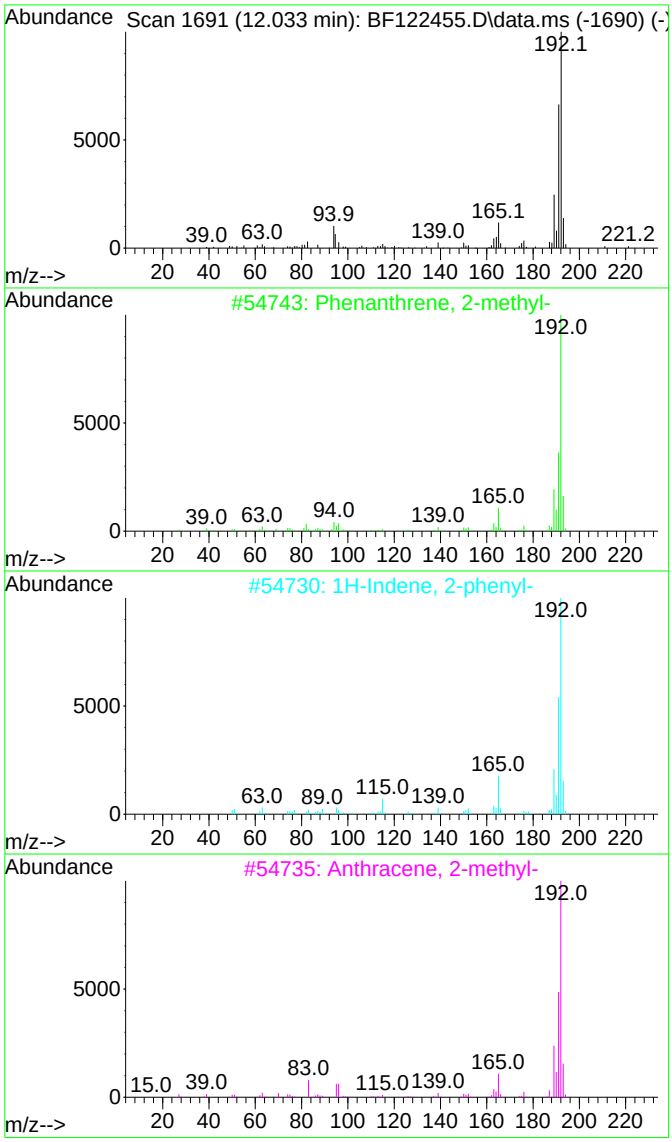
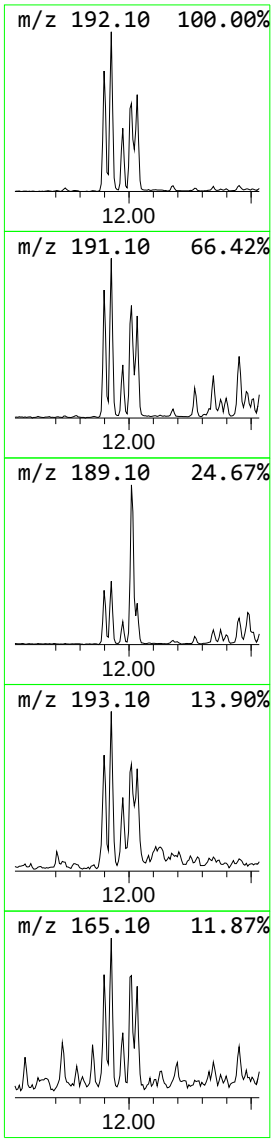
Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	2.78 ng	186939	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	81





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Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

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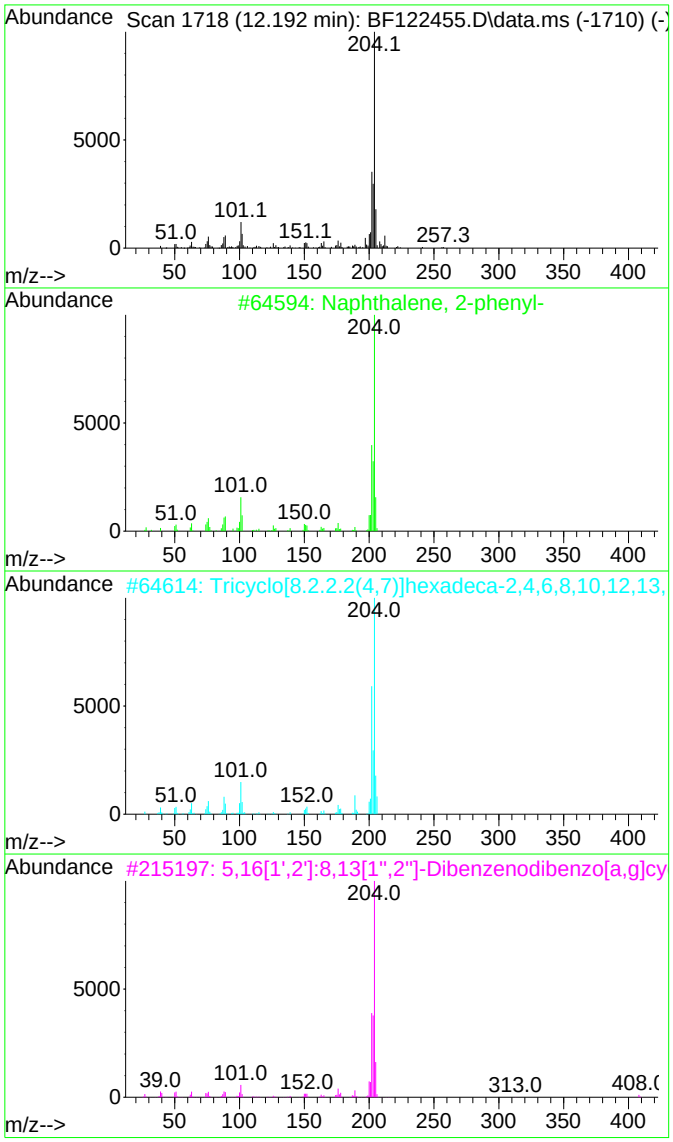
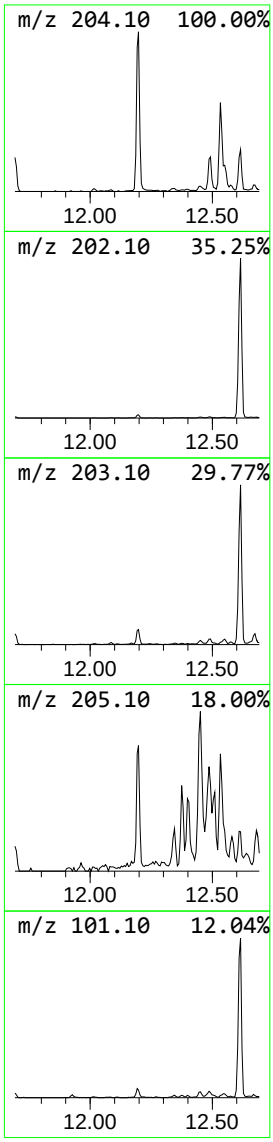
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	4.32 ng	290899	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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ALS Vial : 14 Sample Multiplier: 1

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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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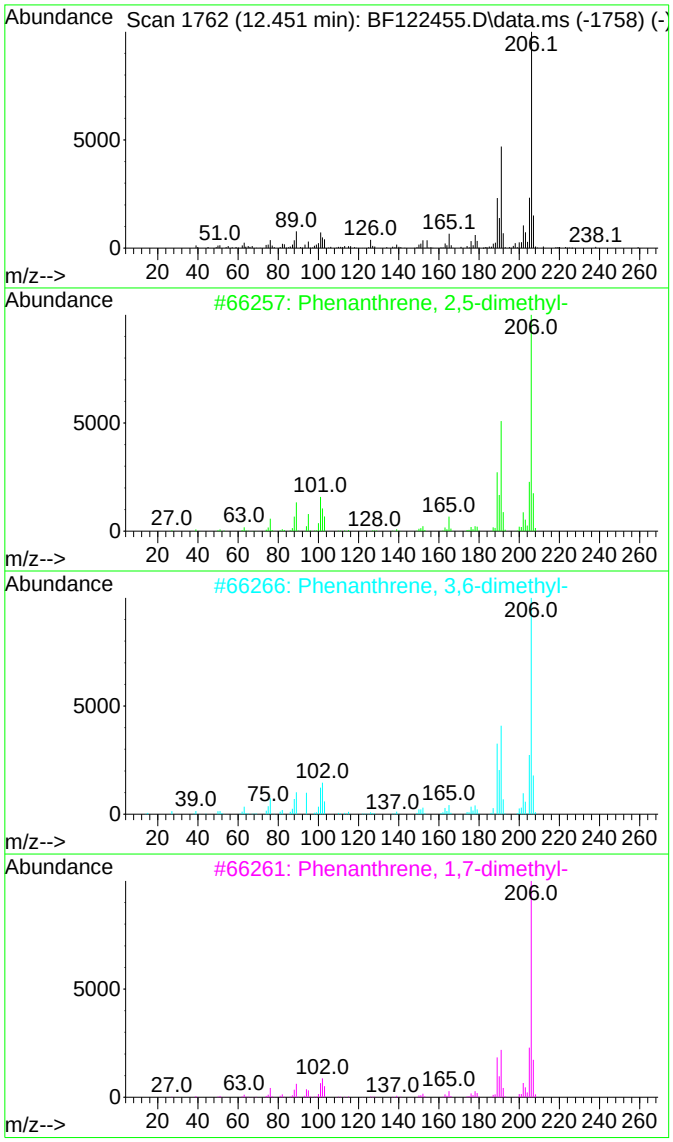
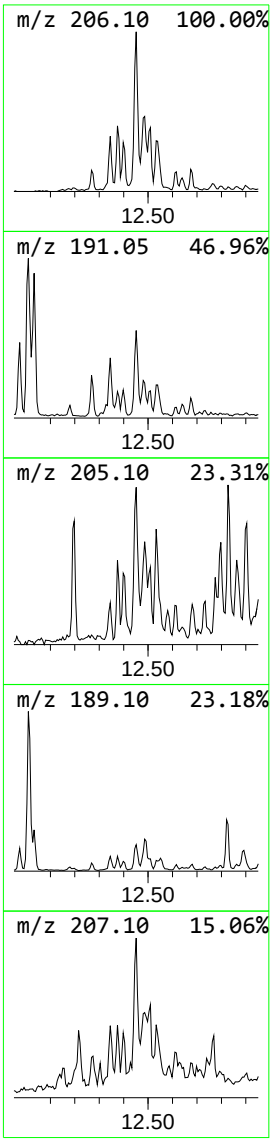
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	4.60 ng	309467	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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Sample : L4836-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-03

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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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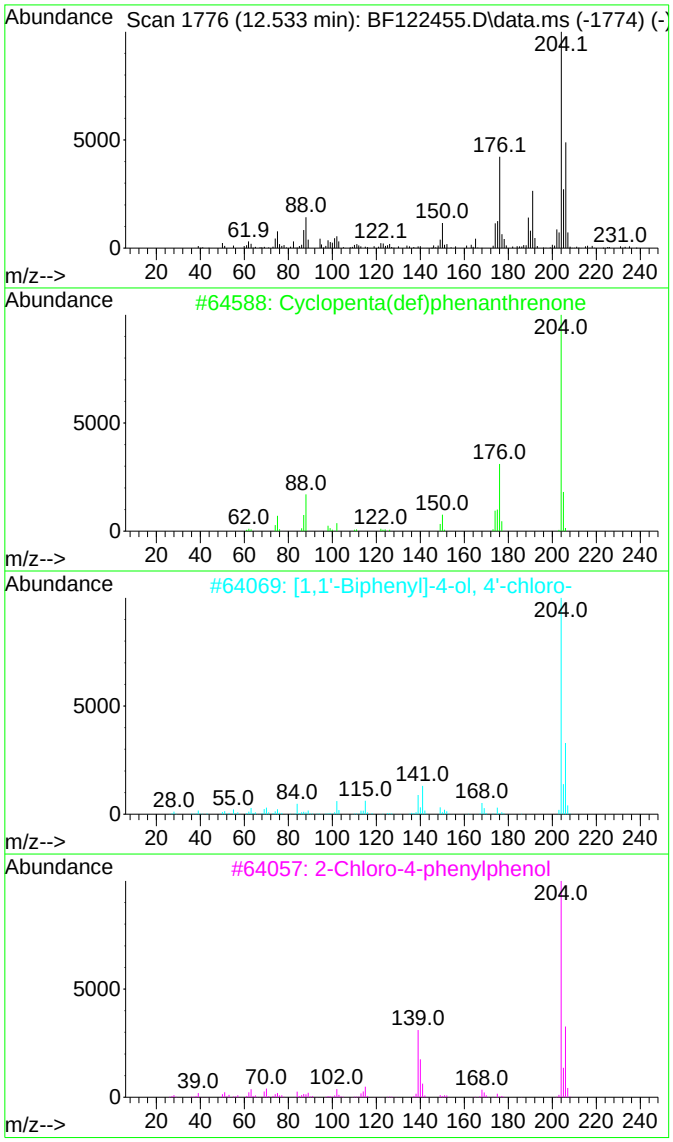
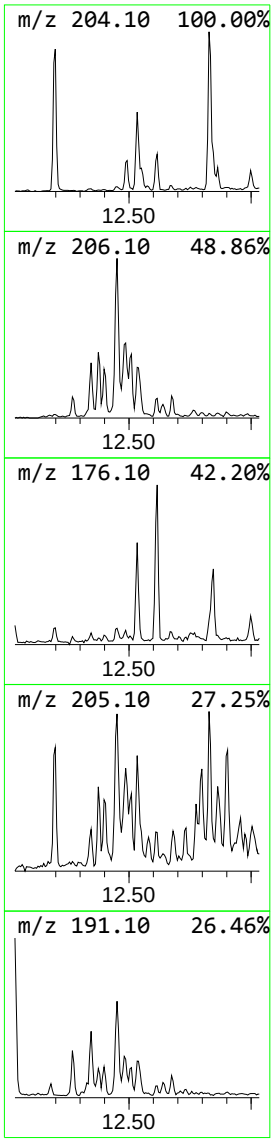
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	3.32 ng	223543	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	37
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	35





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Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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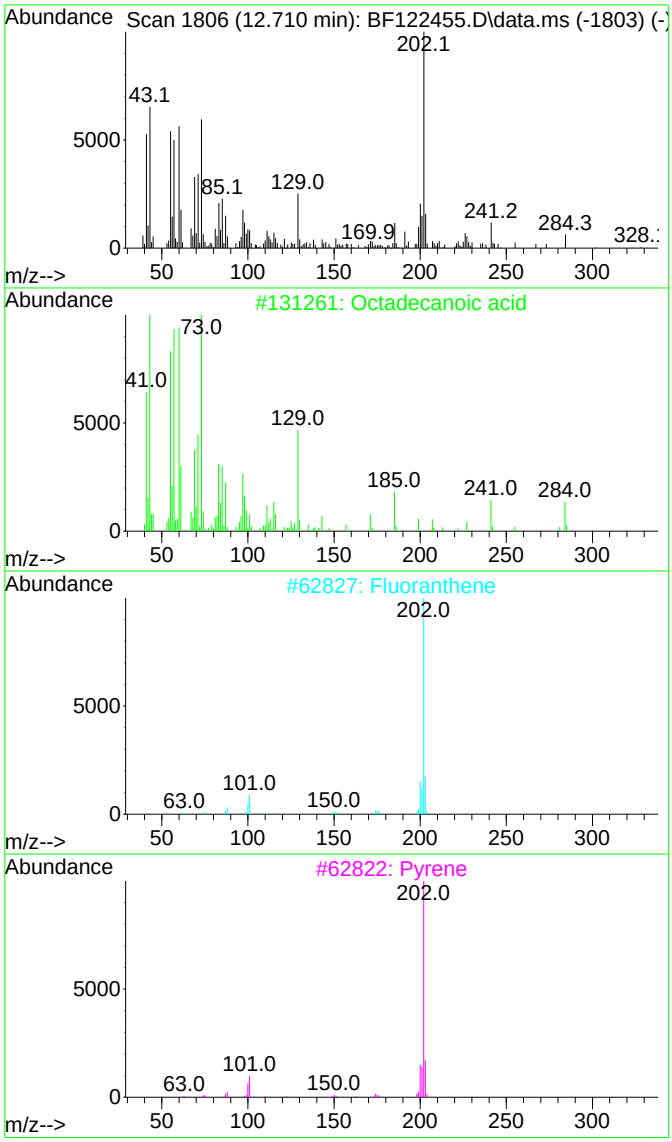
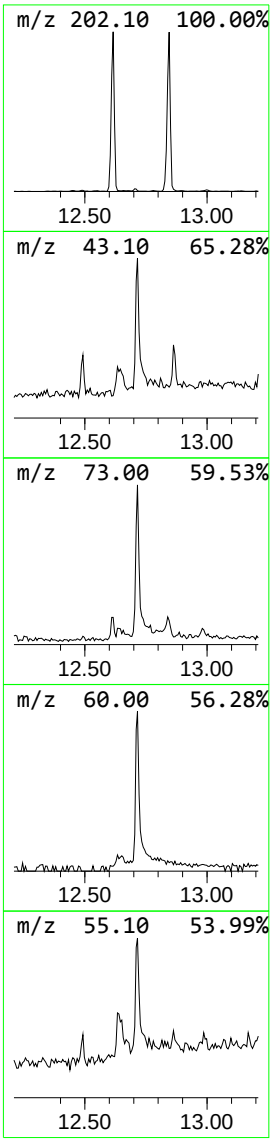
Peak Number 12 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	3.12 ng	209655	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Fluoranthene	202	C16H10	000206-44-0	55
3	Pyrene	202	C16H10	000129-00-0	49
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	35





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Instrument :
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ClientSampleId :
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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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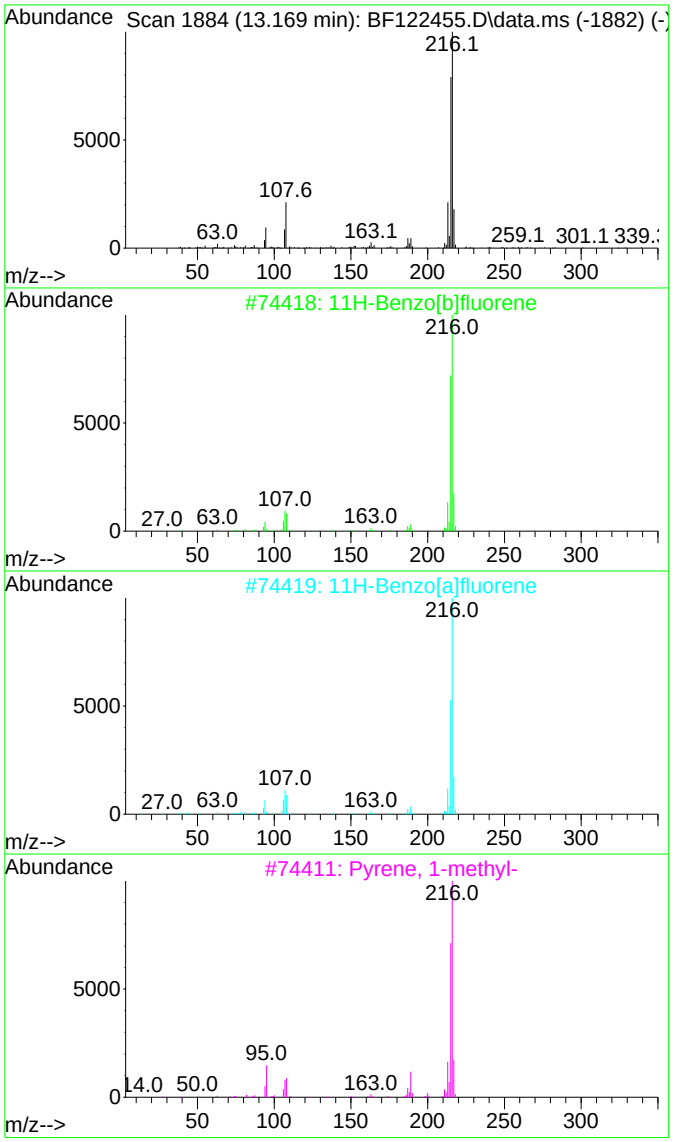
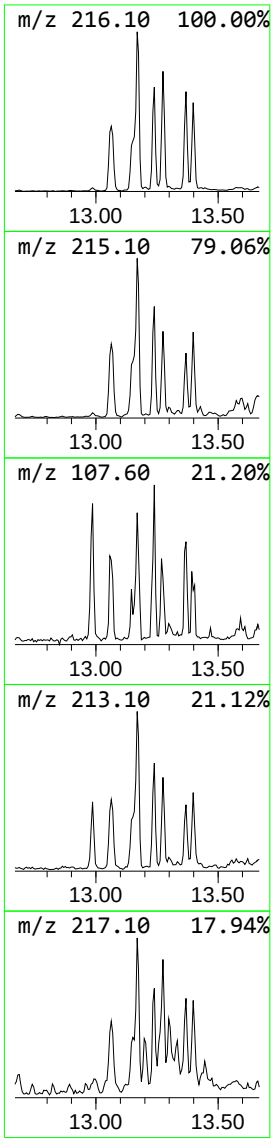
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.59 ng	446234	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03

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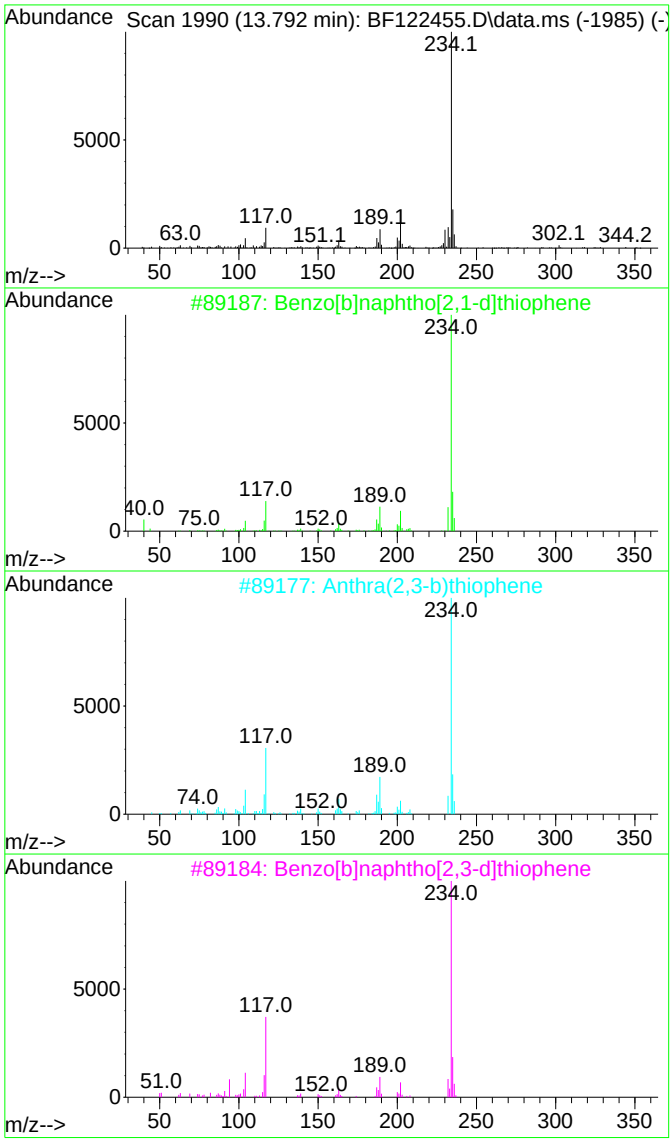
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

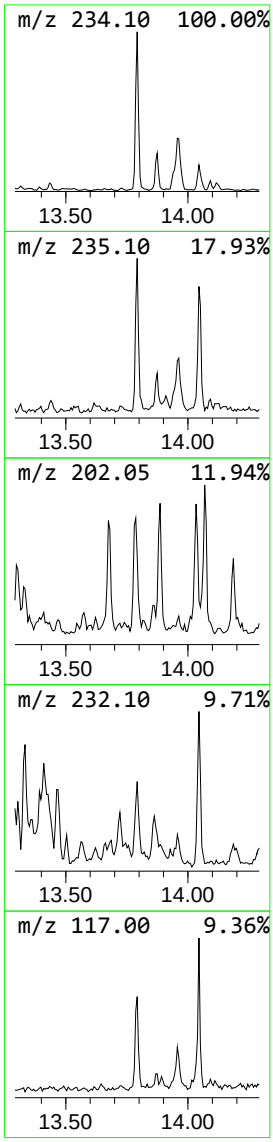
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	2.60 ng	446813	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	76





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-03

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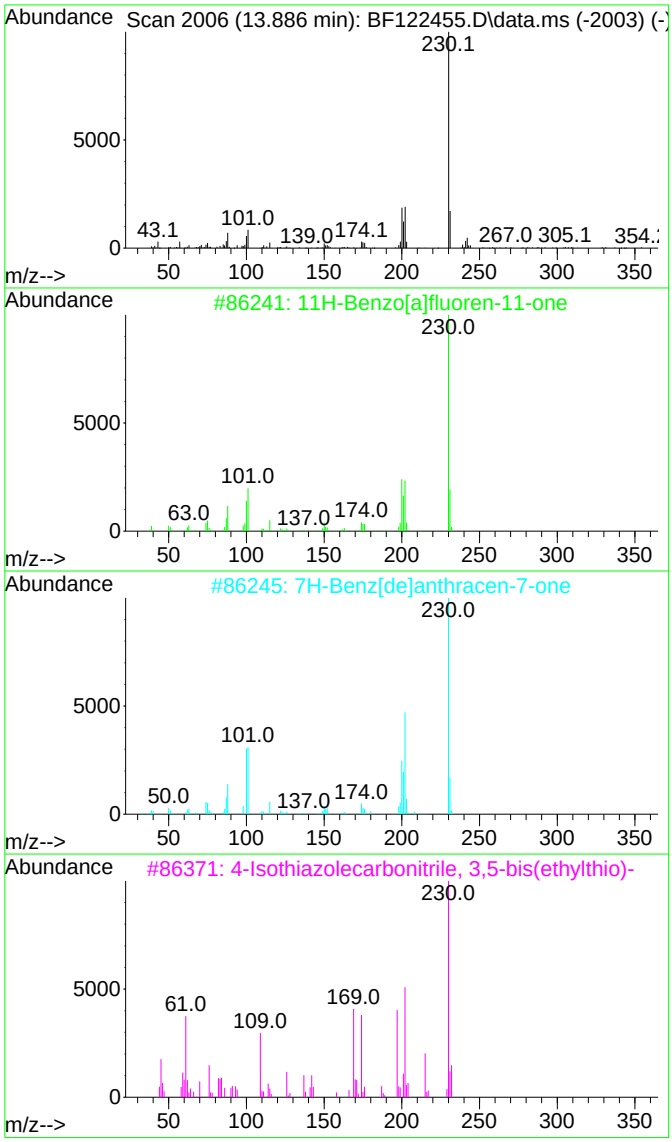
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

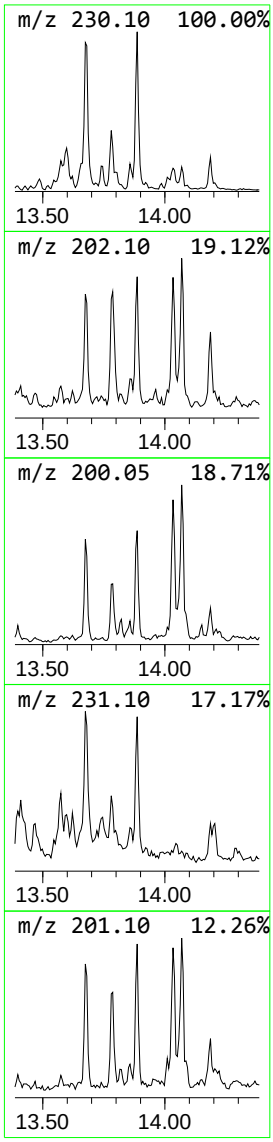
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	2.93 ng	503392	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	64
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	52





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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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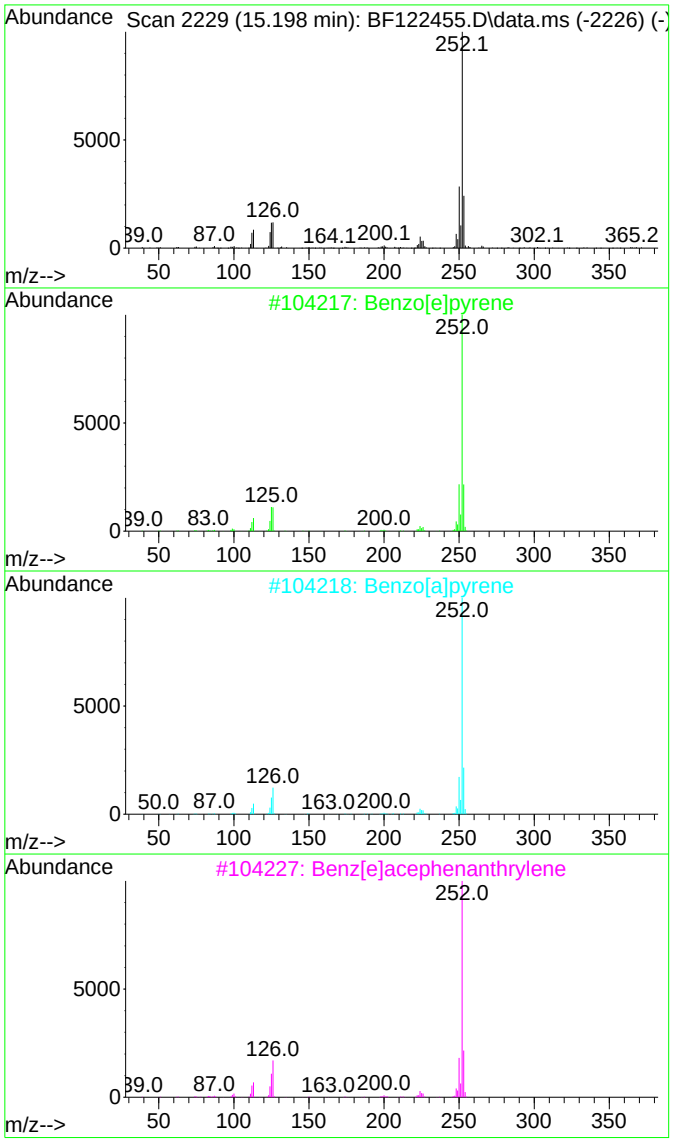
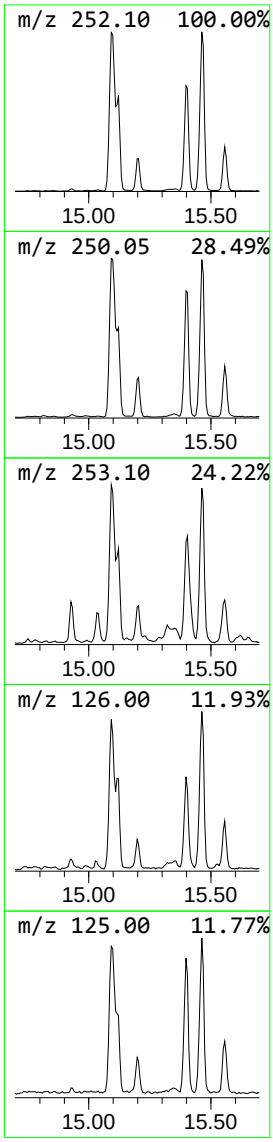
Peak Number 16 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	4.35 ng	325966	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	76





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Sample : L4836-03
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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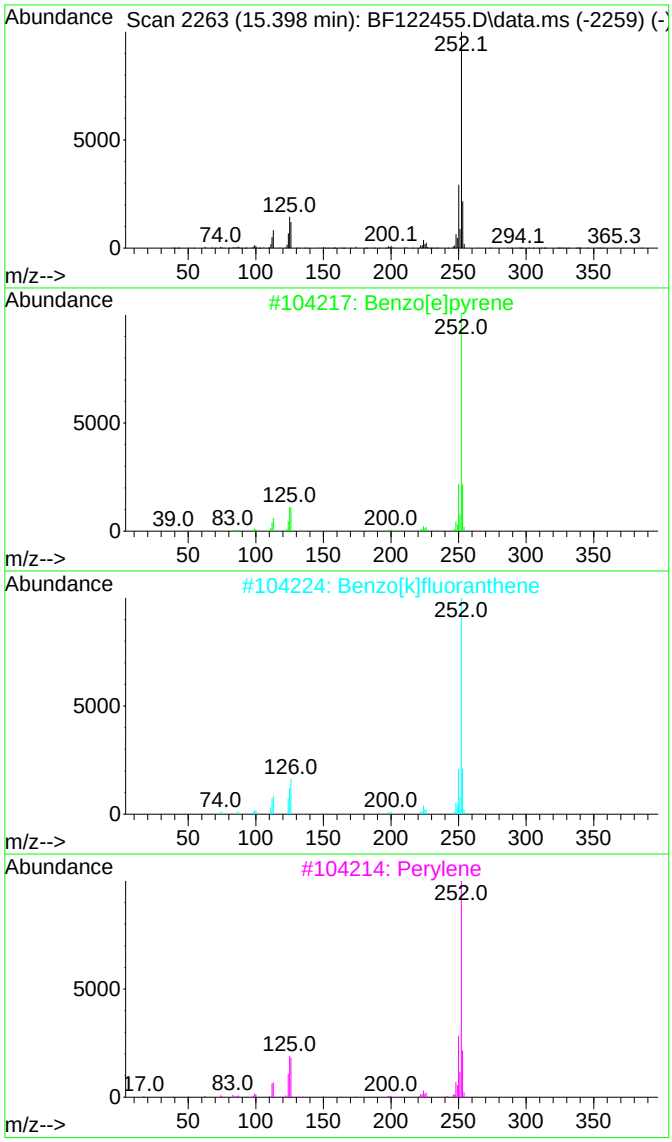
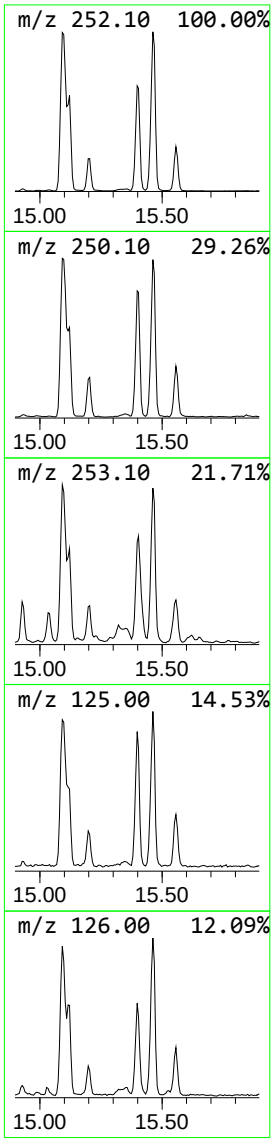
Peak Number 17 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	17.82 ng	1335920	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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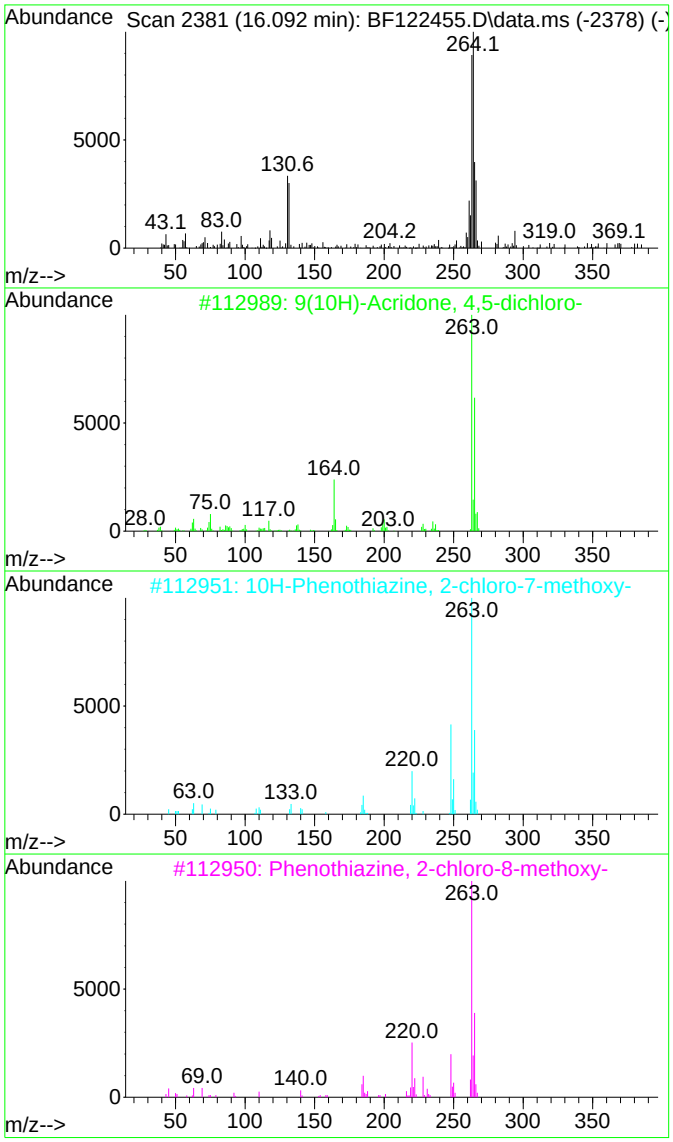
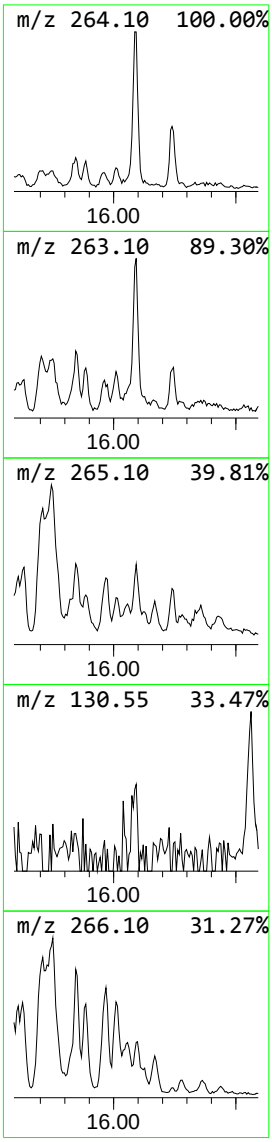
Peak Number 18 unknown16.092 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	2.81 ng	210812	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridone, 4,5-dichloro-	263	C13H7Cl2NO	1000163-26-5	38
2	10H-Phenothiazine, 2-chloro-7-me...	263	C13H10ClNOS	001730-44-5	35
3	Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	32
4	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	23
5	7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
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Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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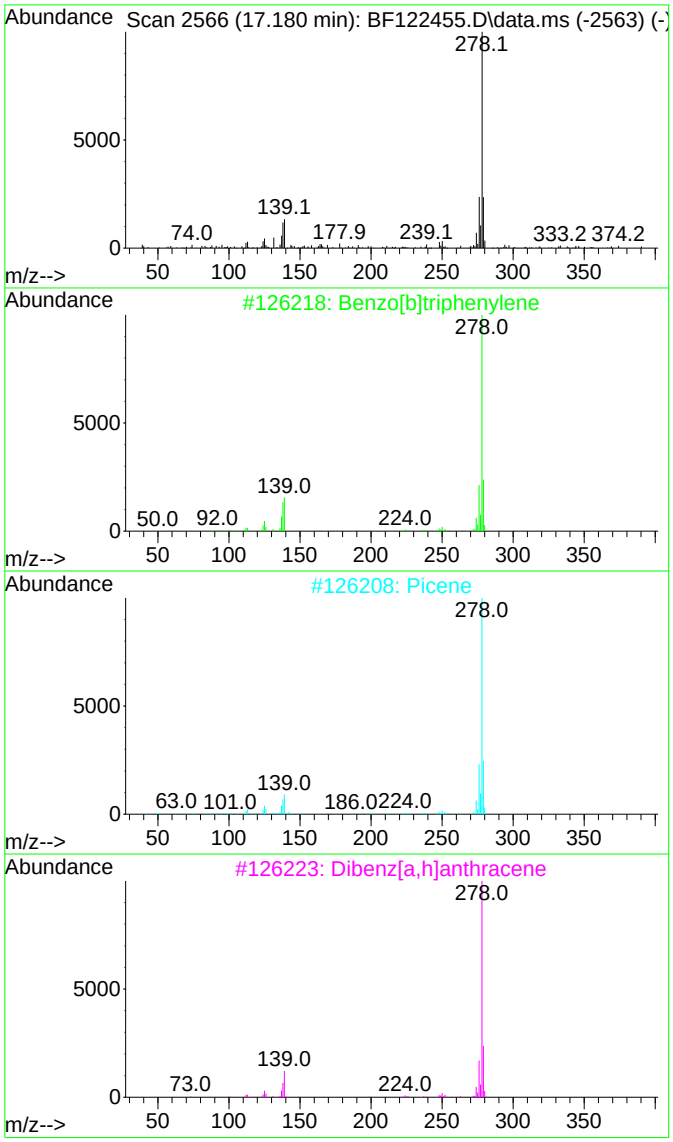
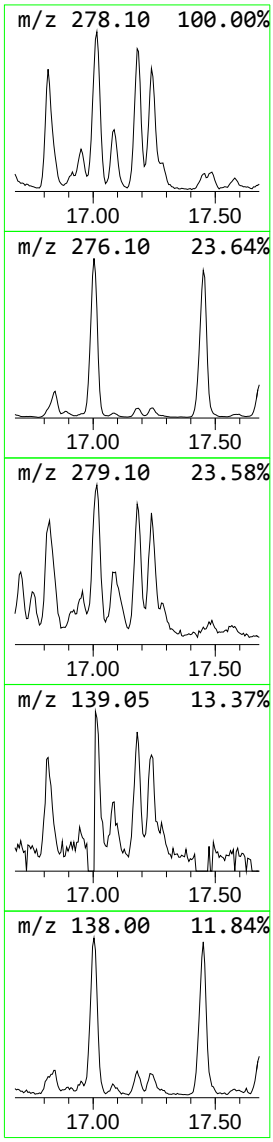
Peak Number 19 Benzo[b]triphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	2.58 ng	193679	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2	Picene	278	C22H14	000213-46-7	93
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
4	Benzo[b]chrysene	278	C22H14	000214-17-5	90
5	Pentaphene	278	C22H14	000222-93-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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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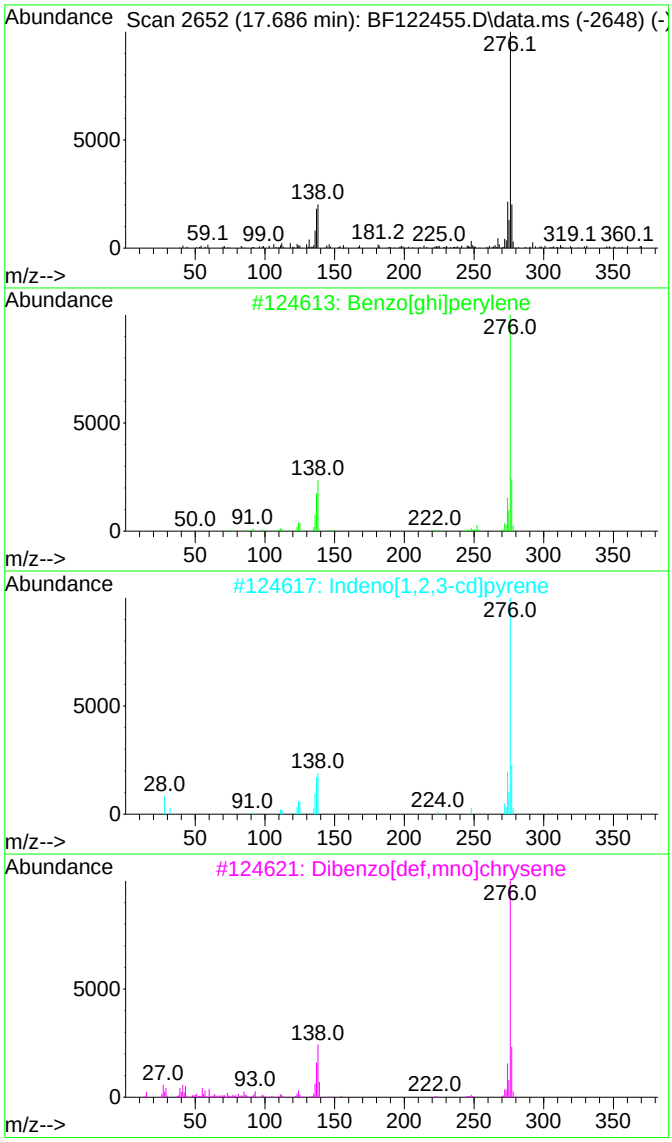
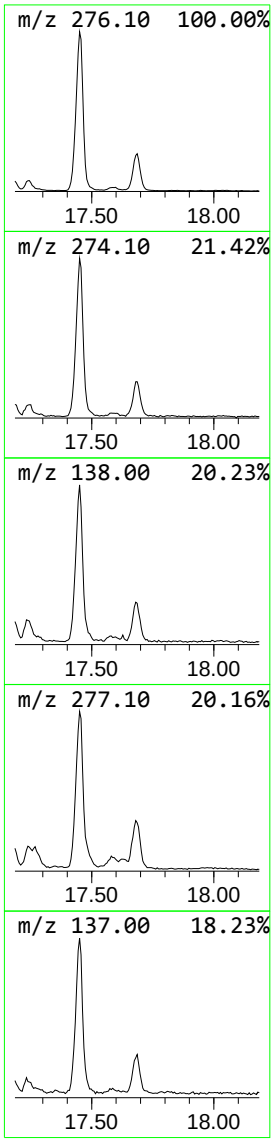
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.686	3.05 ng	228986	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	87
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	52
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
Operator : JU/CG
Sample : L4836-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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
Butane, 2-metho...	2.128	11.6	ng	567316	1	6.863	982270	20.0
2-Pentanone, 4-...	5.075	33.4	ng	1642410	1	6.863	982270	20.0
2-Pentanone, 4-...	5.875	3.0	ng	144700	1	6.863	982270	20.0
Phenanthrene, 2...	11.898	5.2	ng	348241	4	11.398	1345340	20.0
Phenanthrene, 1...	11.927	10.5	ng	703714	4	11.398	1345340	20.0
Anthracene, 9-m...	11.975	2.8	ng	186054	4	11.398	1345340	20.0
Benzaldehyde, 3...	12.010	9.7	ng	653773	4	11.398	1345340	20.0
1H-Indene, 2-ph...	12.033	2.8	ng	186939	4	11.398	1345340	20.0
Naphthalene, 2-...	12.192	4.3	ng	290899	4	11.398	1345340	20.0
Phenanthrene, 2...	12.451	4.6	ng	309467	4	11.398	1345340	20.0
Cyclopenta(def)...	12.533	3.3	ng	223543	4	11.398	1345340	20.0
Octadecanoic acid	12.710	3.1	ng	209655	4	11.398	1345340	20.0
11H-Benzo[b]flu...	13.169	2.6	ng	446234	5	14.045	3441640	20.0
Benzo[b]naphtho...	13.792	2.6	ng	446813	5	14.045	3441640	20.0
11H-Benzo[a]flu...	13.886	2.9	ng	503392	5	14.045	3441640	20.0
Benzo[e]pyrene	15.198	4.3	ng	325966	6	15.527	1499110	20.0
Perylene	15.398	17.8	ng	1335920	6	15.527	1499110	20.0
unknown16.092	16.092	2.8	ng	210812	6	15.527	1499110	20.0
Benzo[b]triphen...	17.180	2.6	ng	193679	6	15.527	1499110	20.0
Dibenzo[def,mno...	17.686	3.0	ng	228986	6	15.527	1499110	20.0