LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(10-14)

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124248.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	503	506	512	rVB	47382	56620	3.51%	0.248%
2	5.481	573	577	585	rBV	1098064	971407	60.17%	4.252%
3	6.492	744	749	752	rBV	1029955	953169	59.04%	4.172%
4	6.675	777	780	786	rBV	35952	35535	2.20%	0.156%
5	6.845	806	809	813	rBV	306130	230965	14.31%	1.011%
6	7.410	898	905	908	rBV	748273	690397	42.77%	3.022%
7	8.128	1024	1027	1030	rBV	357831	277962	17.22%	1.217%
8	9.204	1206	1210	1213	rBV	1401352	1137868	70.48%	4.980%
9	9.598	1274	1277	1281	rVB	281330	206141	12.77%	0.902%
10	9.745	1299	1302	1306	rBV	120221	90627	5.61%	0.397%
11	9.886	1322	1326	1329	rBV	439500	336547	20.85%	1.473%
12	9.916	1329	1331	1334	rVB	85664	66284	4.11%	0.290%
13	10.086	1357	1360	1364	rBV	63827	54964	3.40%	0.241%
14	10.433	1415	1419	1424	rVB	116566	104677	6.48%	0.458%
15	10.592	1443	1446	1449	rVB2	31648	32265	2.00%	0.141%
16	10.675	1456	1460	1464	rBV	911090	805925	49.92%	3.527%
17	10.786	1476	1479	1484	rBV4	36048	50868	3.15%	0.223%
18	10.980	1507	1512	1515	rBV4	47396	47725	2.96%	0.209%
19	11.110	1529	1534	1536	rBV4	24906	30694	1.90%	0.134%
20	11.233	1550	1555	1558	rVV2	38158	64887	4.02%	0.284%
21	11.269	1558	1561	1567	rVB	70671	67355	4.17%	0.295%
22	11.374	1575	1579	1581	rBV	344686	328149	20.33%	1.436%
23	11.398	1581	1583	1587	rVV	906208	764323	47.35%	3.345%
24	11.451	1588	1592	1594	rVV	287371	250003	15.49%	1.094%
25	11.480	1594	1597	1600	rVB4	48108	49967	3.10%	0.219%
26	11.604	1612	1618	1620	rBV	64174	65103	4.03%	0.285%
27	11.874	1660	1664	1666	rBV	133797	109193	6.76%	0.478%
28	11.904	1666	1669	1673	rVV	268912	240455	14.89%	1.052%
29	11.951	1674	1677	1680	rVB	81194	71128	4.41%	0.311%
30	11.992	1680	1684	1686	rBV	246259	278095	17.23%	1.217%
31	12.010	1686	1687	1690	rVB	86057	44655	2.77%	0.195%
32	12.169	1711	1714	1717	rVV	84870	63394	3.93%	0.277%
33	12.198	1717	1719	1722	rVB2	47612	37171	2.30%	0.163%
34	12.321	1735	1740	1742	rBV6	24294	33682	2.09%	0.147%
35	12.351	1742	1745	1747	rBV3	38471	29098	1.80%	0.127%
36	12.427	1754	1758	1761	rBV2	65053	81702	5.06%	0.358%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(10-14)

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.457	1761	1763	1770	rVV6	48783	88078	5.46%	0.385%
38	12.516	1770	1773	1777	rVB4	57285	69677	4.32%	0.305%
39	12.598	1782	1787	1790	rBV	1810439	1614363	100.00%	7.066%
40	12.633	1790	1793	1794	rBV2	30322	28834	1.79%	0.126%
41	12.651	1794	1796	1799	rVB2	35860	30669	1.90%	0.134%
42	12.686	1799	1802	1805	rBV	126798	118192	7.32%	0.517%
43	12.739	1808	1811	1814	rVB2	47819	47991	2.97%	0.210%
44	12.827	1819	1826	1829	rVV2	1338982	1521100	94.22%	6.657%
45	12.863	1831	1832	1837	rVB2	69924	75597	4.68%	0.331%
46	12.957	1845	1848	1851	rVB	880715	691824	42.85%	3.028%
47	12.980	1851	1852	1856	rVB	88514	49773	3.08%	0.218%
48	13.039	1857	1862	1865	rBV3	81973	143640	8.90%	0.629%
49	13.121	1873	1876	1878	rBV4	82453	103129	6.39%	0.451%
50	13.151	1878	1881	1883	rVB	246221	237286	14.70%	1.039%
51	13.186	1883	1887	1889	rBV5	34031	41808	2.59%	0.183%
52	13.210	1889	1891	1894	rVB	207670	186843	11.57%	0.818%
53	13.251	1894	1898	1901	rBV2	135349	152090	9.42%	0.666%
54	13.339	1911	1913	1916	rVB	52894	52312	3.24%	0.229%
55	13.374	1916	1919	1922	rBV2	90962	98069	6.07%	0.429%
56	13.439	1927	1930	1933	rBV5	24974	30397	1.88%	0.133%
57	13.527	1942	1945	1947	rBV4	38467	41792	2.59%	0.183%
58	13.568	1950	1952	1954	rVB3	38706	32042	1.98%	0.140%
59	13.627	1959	1962	1964	rBV4	44516	46644	2.89%	0.204%
60	13.657	1964	1967	1971	rVB	91694	94486	5.85%	0.414%
61	13.768	1982	1986	1988	rBV2	144221	149842	9.28%	0.656%
62	13.792	1988	1990	1992	rVV	136271	113645	7.04%	0.497%
63	13.821	1992	1995	1999	rVV2	104856	168376	10.43%	0.737%
64	13.863	1999	2002	2010	rVB2	184016	236768	14.67%	1.036%
65	13.933	2011	2014	2020	rVB	61294	65930	4.08%	0.289%
66	14.015	2020	2028	2031	rBV2	1061104	1481738	91.78%	6.485%
67	14.051	2031	2034	2040	rVB	869484	787451	48.78%	3.446%
68	14.127	2044	2047	2049	rVV	138954	108540	6.72%	0.475%
69	14.168	2050	2054	2058	rVV4	134716	176879	10.96%	0.774%
70	14.210	2059	2061	2063	rVV	88596	72890	4.52%	0.319%
71	14.245	2063	2067	2070	rVV2	95953	131962	8.17%	0.578%
72	14.280	2070	2073	2075	rVB4	36403	33155	2.05%	0.145%
73	14.368	2085	2088	2090	rBV2	43478	36527	2.26%	0.160%
74	14.404	2090	2094	2097	rVB	156457	168689	10.45%	0.738%
75	14.439	2097	2100	2103	rVB3	76090	66007	4.09%	0.289%
76	14.480	2104	2107	2109	rBV2	101400	101199	6.27%	0.443%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(10-14)

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.504	2109	2111	2113	rVV	81419	72512	4.49%	0.317%
78	14.527	2113	2115	2117	rVV2	93891	91760	5.68%	0.402%
79	14.551	2117	2119	2122	rVB	103158	86187	5.34%	0.377%
80	14.721	2146	2148	2150	rBV3	38952	37210	2.30%	0.163%
81	14.792	2157	2160	2163	rVB5	37284	36919	2.29%	0.162%
82	14.904	2176	2179	2187	rVB2	64720	92483	5.73%	0.405%
83	15.074	2202	2208	2211	rBV	634011	1073780	66.51%	4.700%
84	15.127	2215	2217	2222	rVV4	77966	101220	6.27%	0.443%
85	15.174	2222	2225	2230	rVV	166954	172057	10.66%	0.753%
86	15.262	2236	2240	2242	rBV5	57160	73618	4.56%	0.322%
87	15.380	2255	2260	2265	rVB	351691	489535	30.32%	2.143%
88	15.445	2265	2271	2277	rVB	617590	710471	44.01%	3.110%
89	15.504	2277	2281	2283	rBV	223092	280167	17.35%	1.226%
90	15.533	2283	2286	2293	rVB2	169126	242905	15.05%	1.063%
91	16.021	2365	2369	2373	rBV7	29326	53467	3.31%	0.234%
92	16.062	2373	2376	2381	rVB4	47331	77380	4.79%	0.339%
93	16.639	2468	2474	2479	rBV10	27628	52474	3.25%	0.230%
94	16.992	2527	2534	2541	rVV	177086	352480	21.83%	1.543%
95	17.062	2542	2546	2552	rVB7	29447	52979	3.28%	0.232%
96	17.168	2558	2564	2568	rBV5	34170	75867	4.70%	0.332%
97	17.221	2568	2573	2576	rVV6	38279	65966	4.09%	0.289%
98	17.439	2603	2610	2618	rBV3	95916	197736	12.25%	0.865%
99	17.580	2627	2634	2635	rBV7	33155	58017	3.59%	0.254%
100	17.680	2647	2651	2655	rVB4	28062	45872	2.84%	0.201%

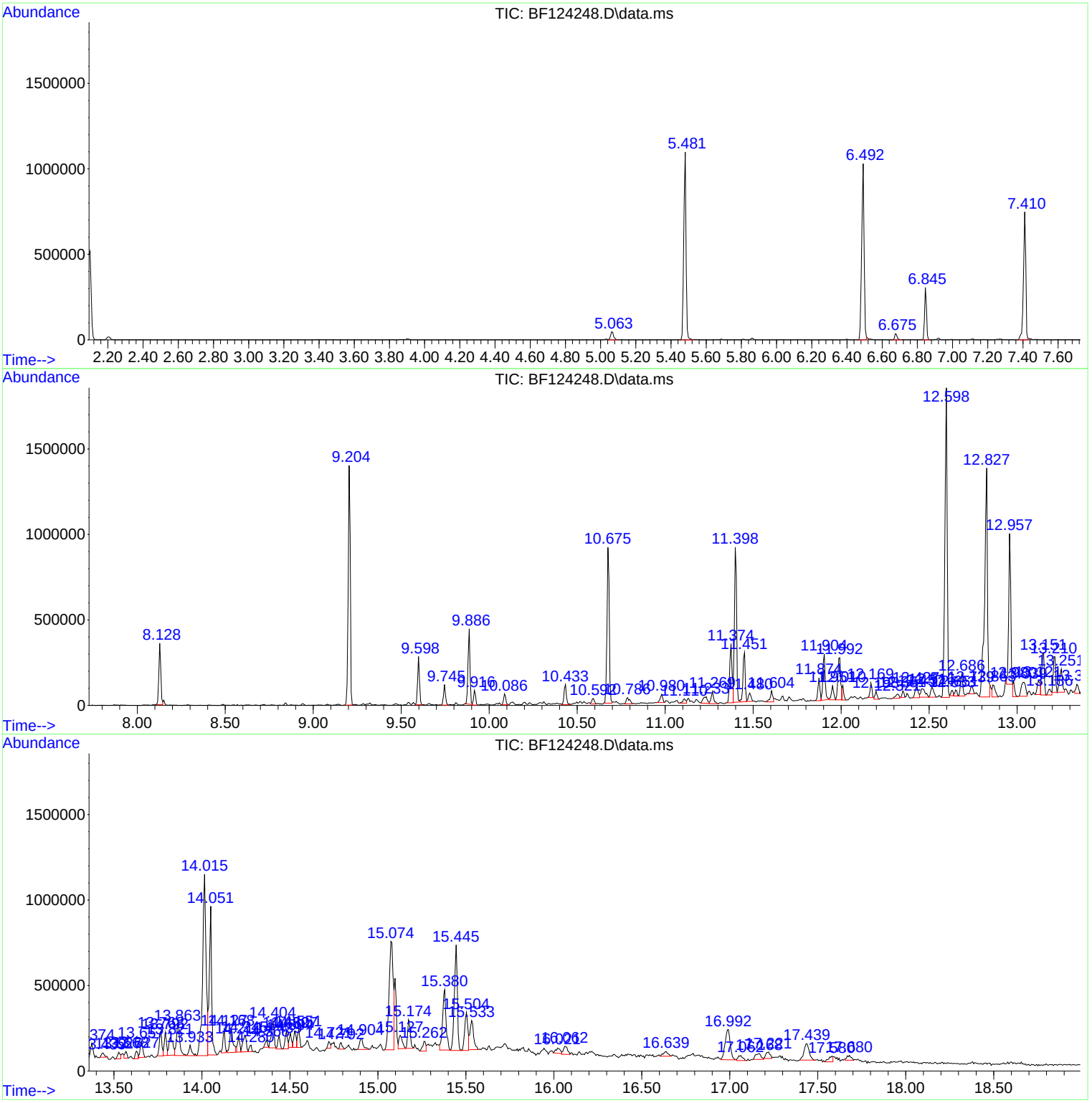
Sum of corrected areas: 22848296

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(10-14)

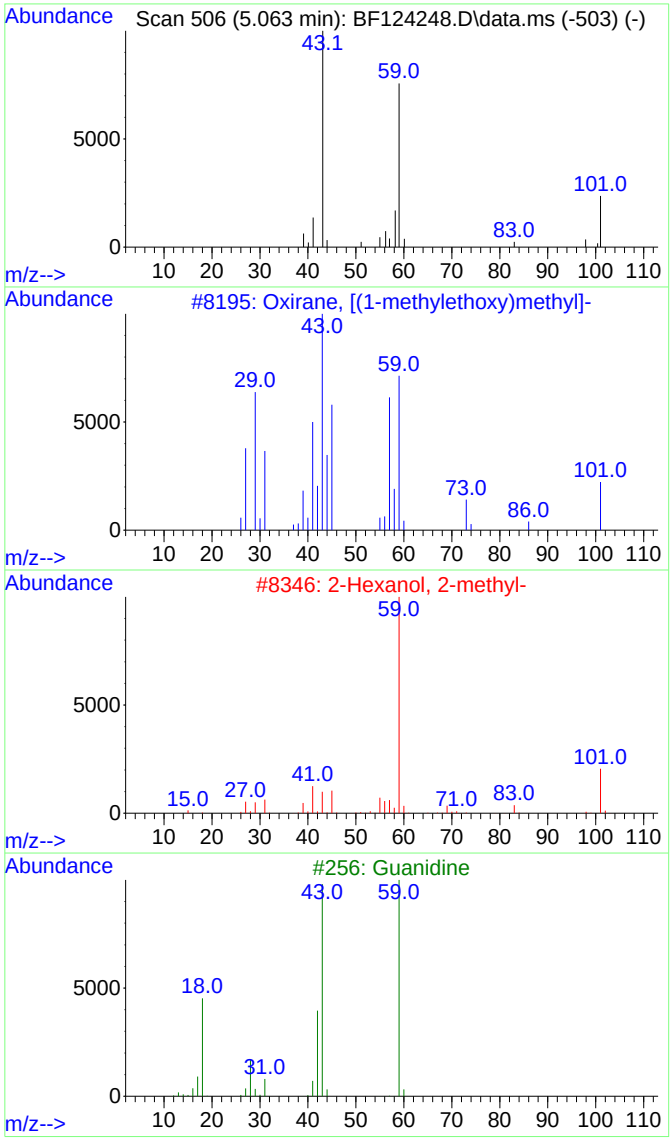
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

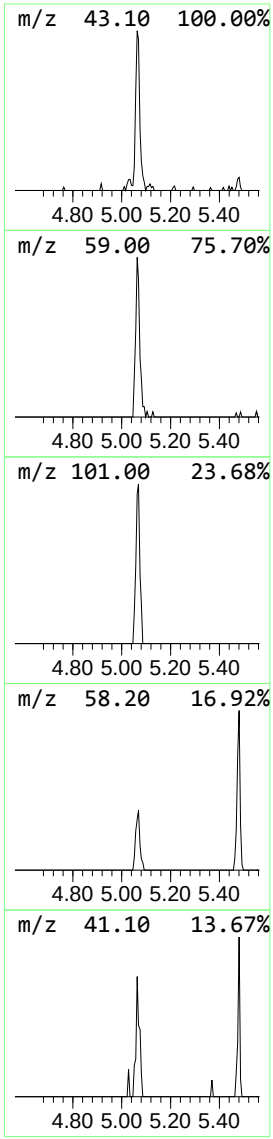
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Oxirane, [(1-methylethoxy)m... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	4.90 ng	56620	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	45
3	Guanidine	59	CH5N3	000113-00-8	9
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

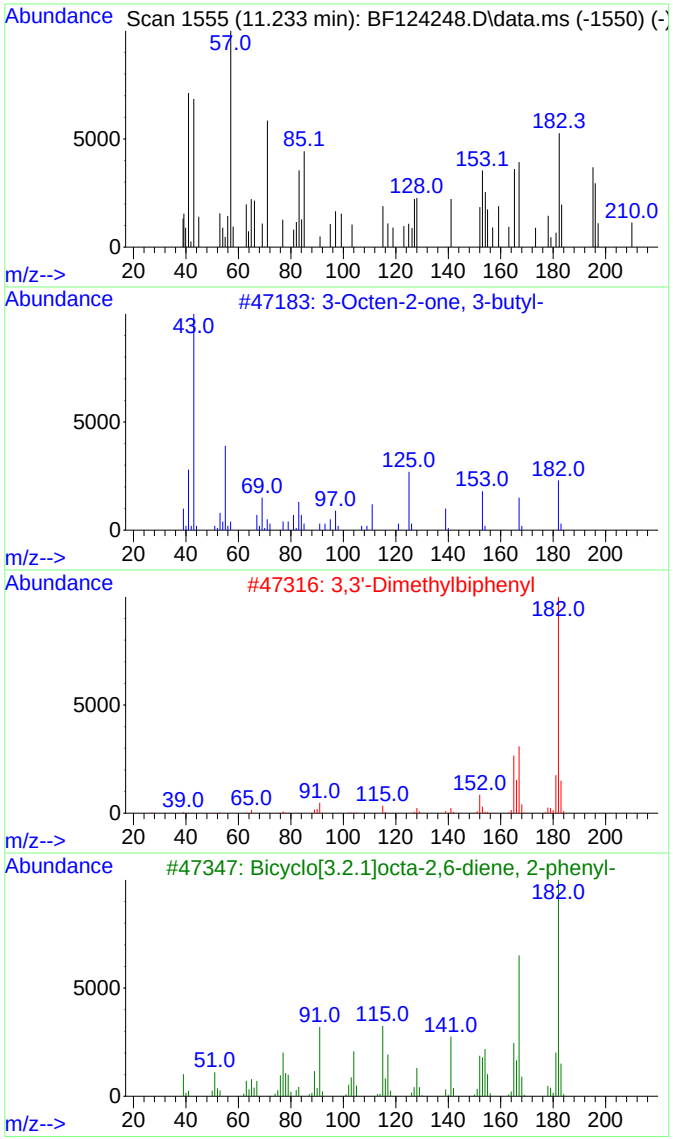
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

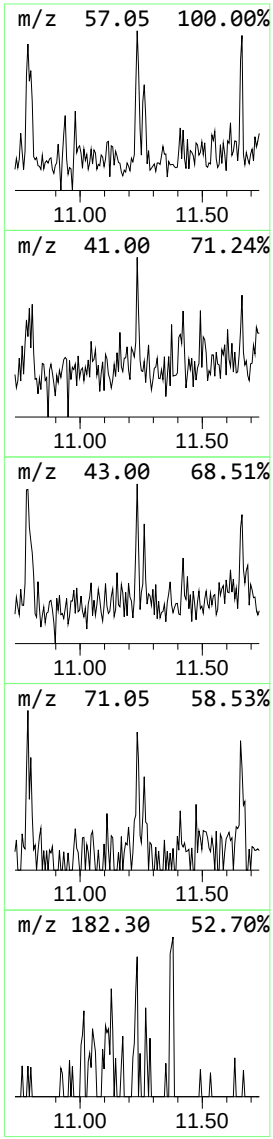
****

Peak Number 2 unknown11.233 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	3.95 ng	64887	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octen-2-one, 3-butyl-	182	C12H22O	032064-71-4	18
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	14
3	Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	14
4	2-N-Diethylmelamine	182	C7H14N6	002073-31-6	10
5	3-Butenenitrile, 2-methyl-	81	C5H7N	016529-56-9	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

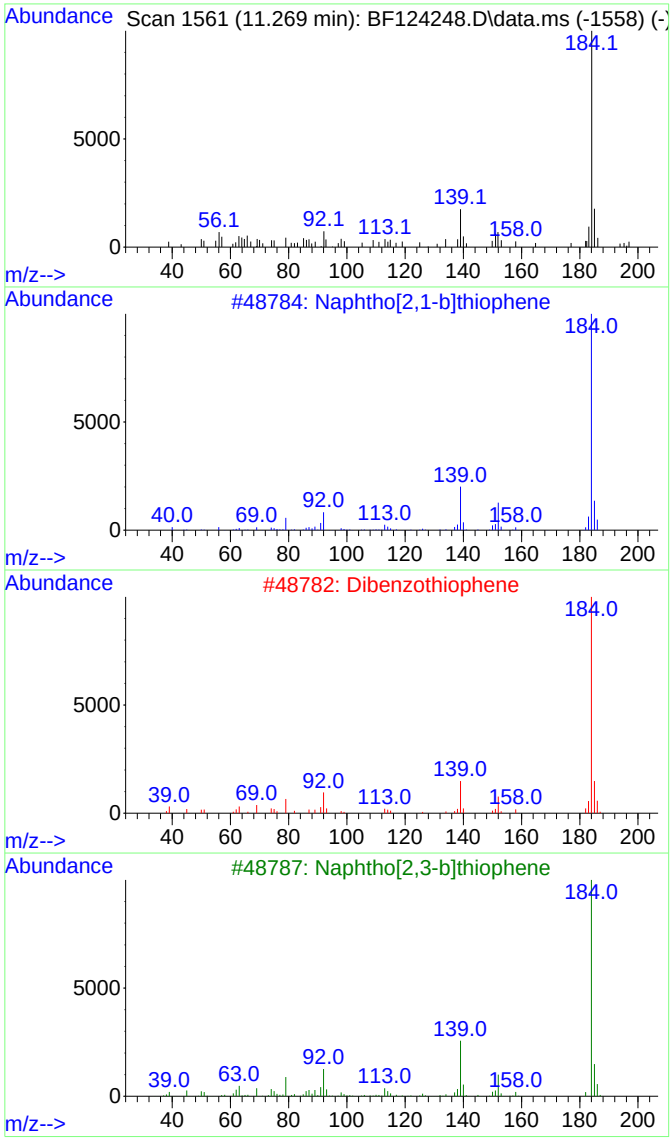
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

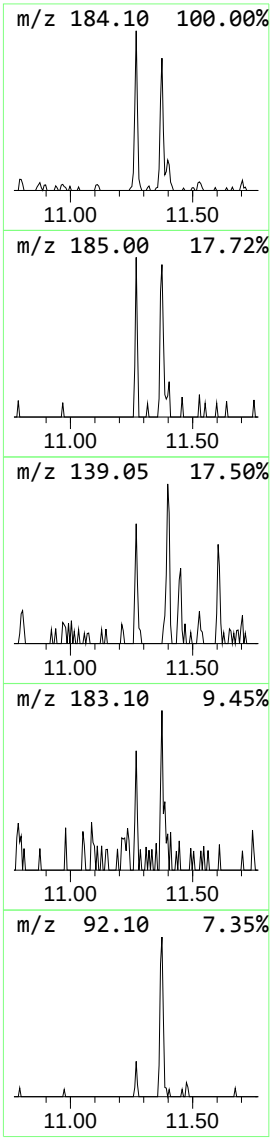
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	4.11 ng	67355	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
2	Dibenzothiophene	184	C12H8S	000132-65-0	87
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	74
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	64
5	Benzidine	184	C12H12N2	000092-87-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

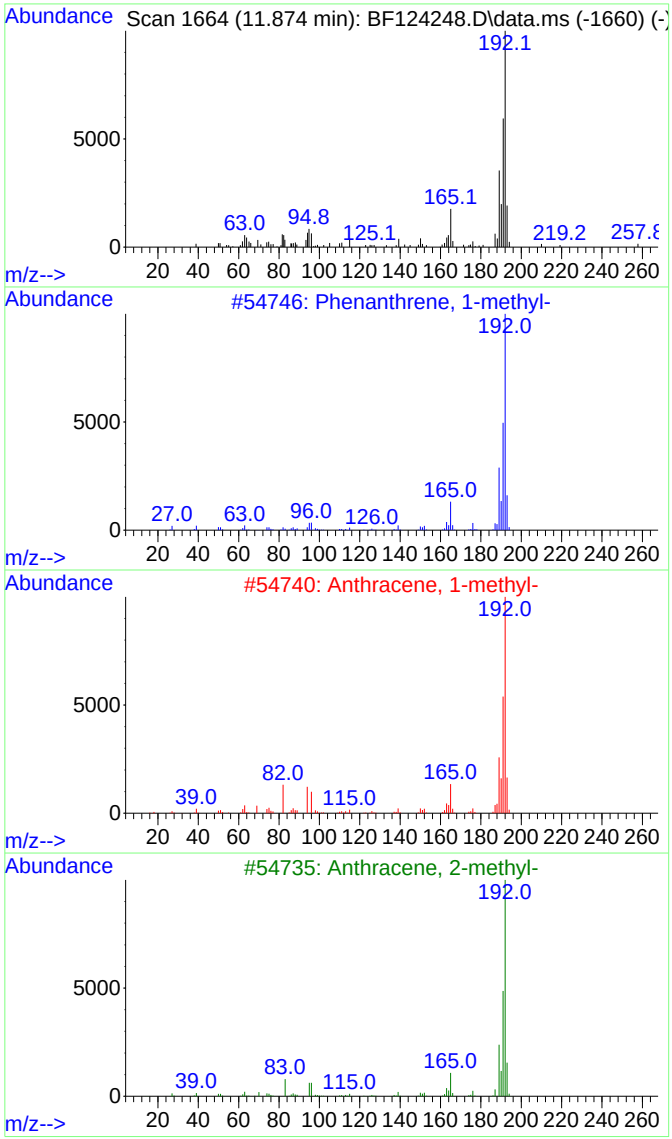
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

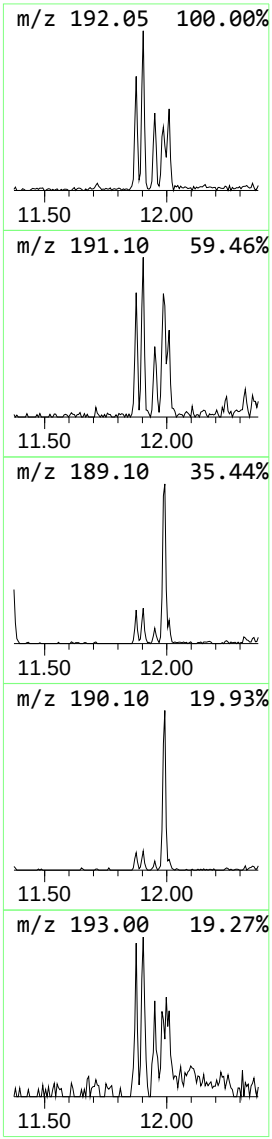
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	6.66 ng	109193	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

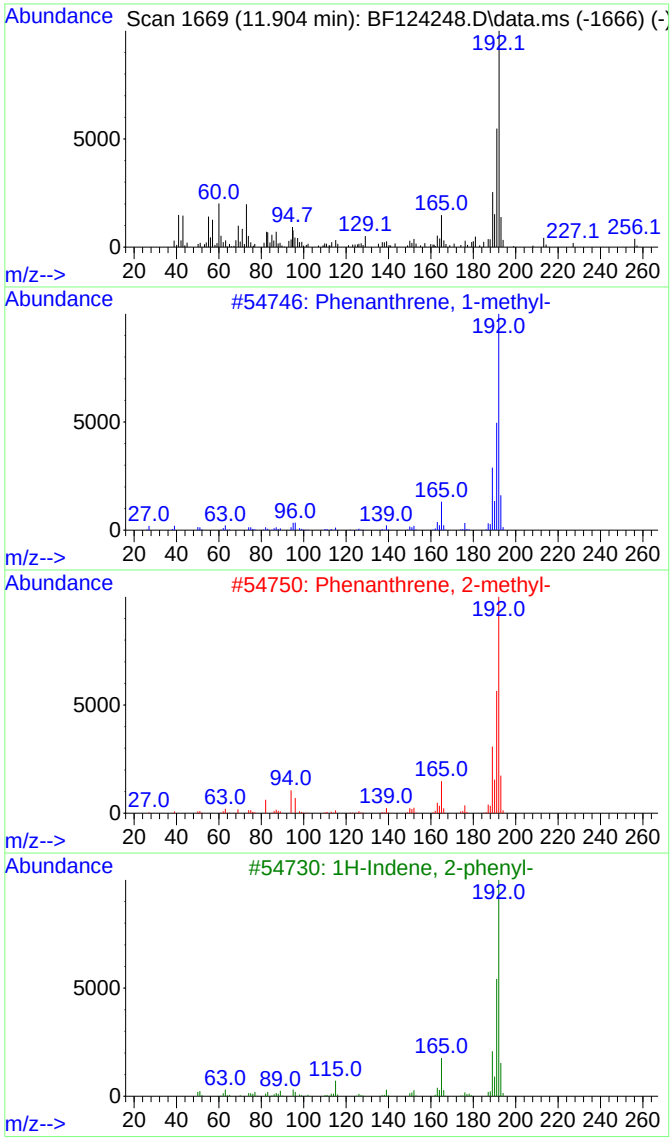
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

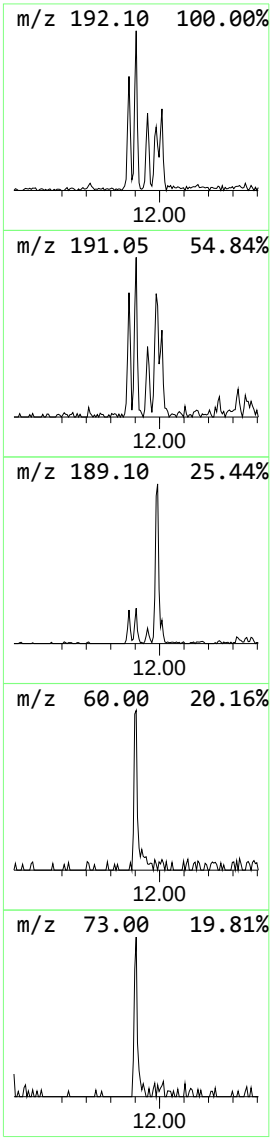
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	14.66 ng	240455	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

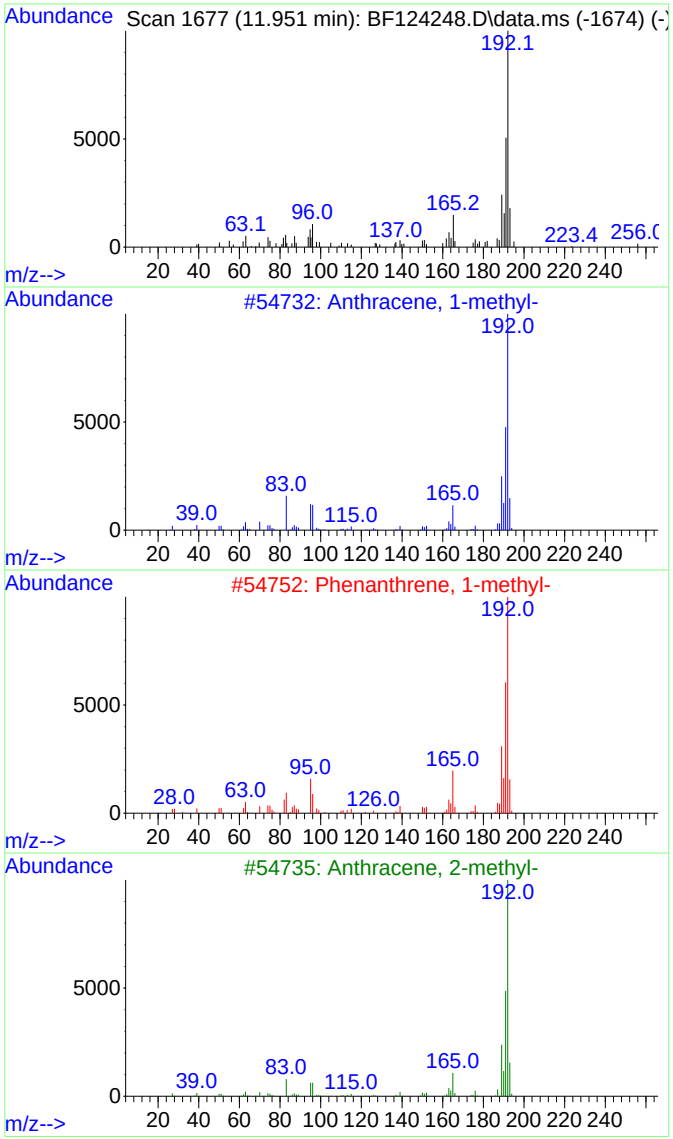
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

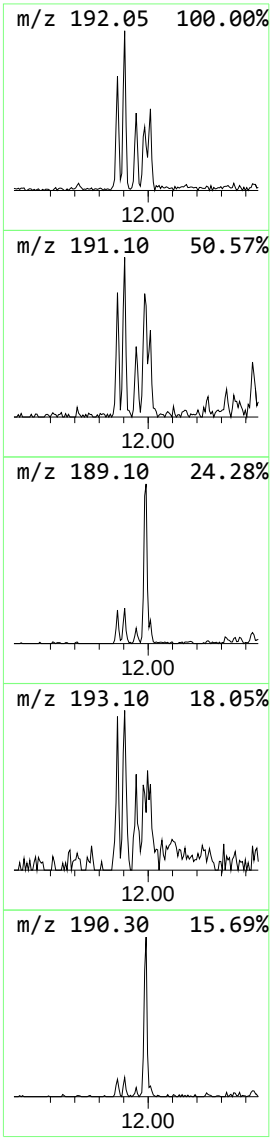
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	4.34 ng	71128	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(10-14)

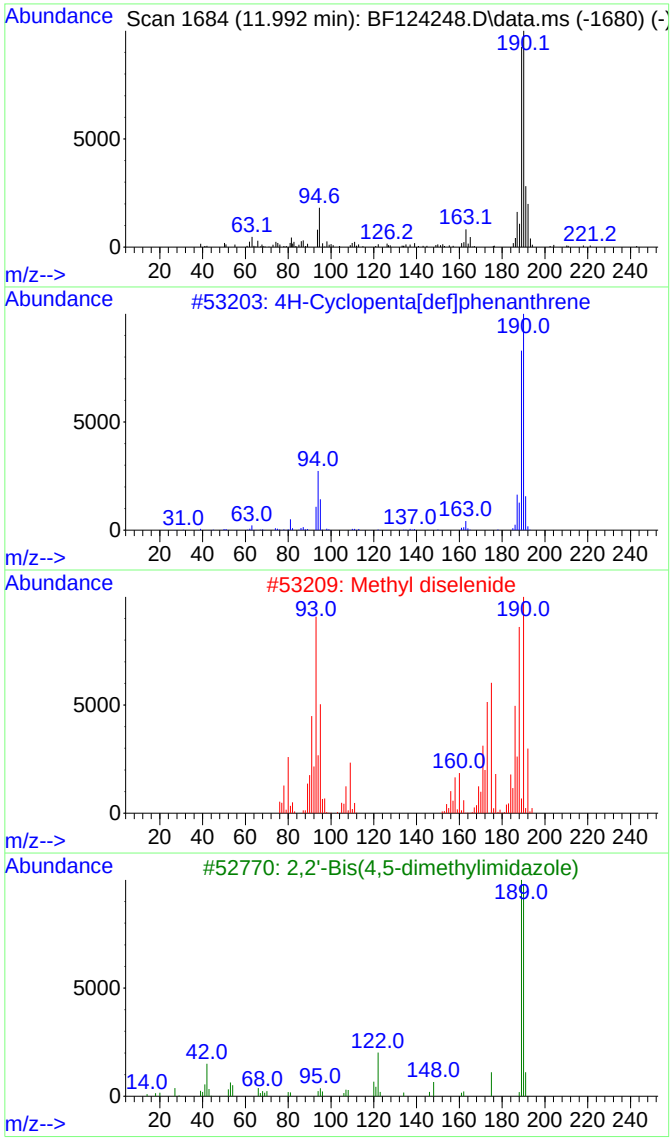
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

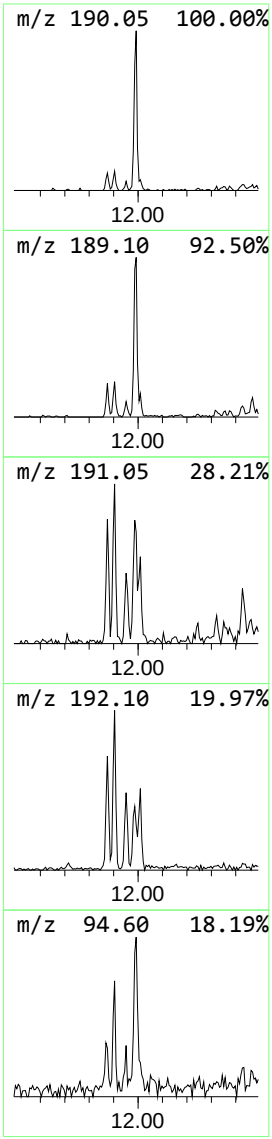
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	16.95 ng	278095	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	49
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

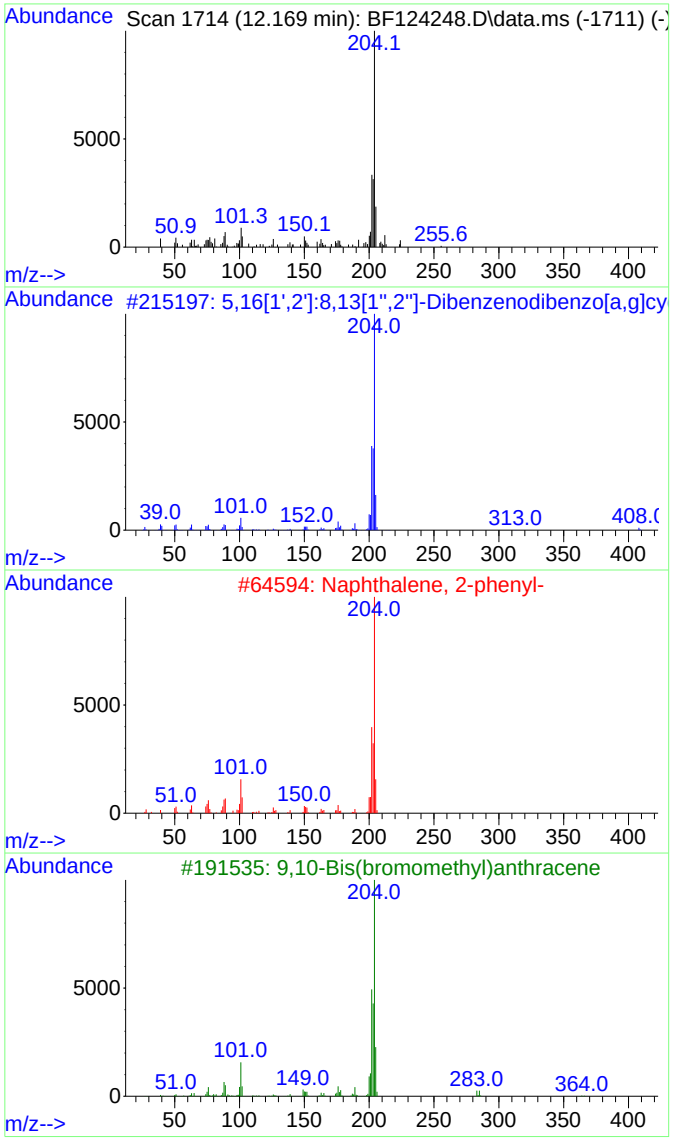
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

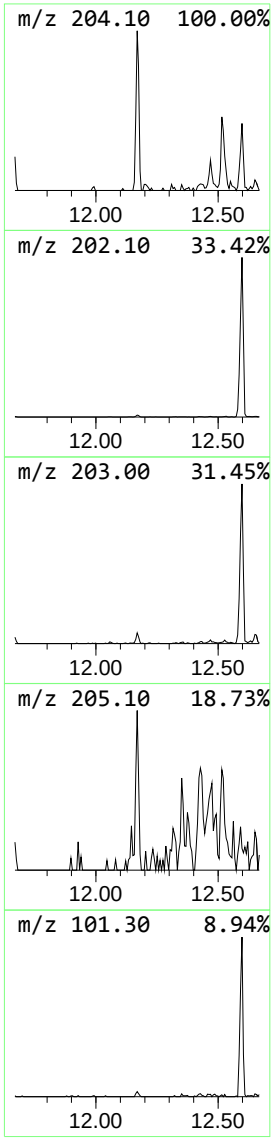
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.169	3.86 ng	63394	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

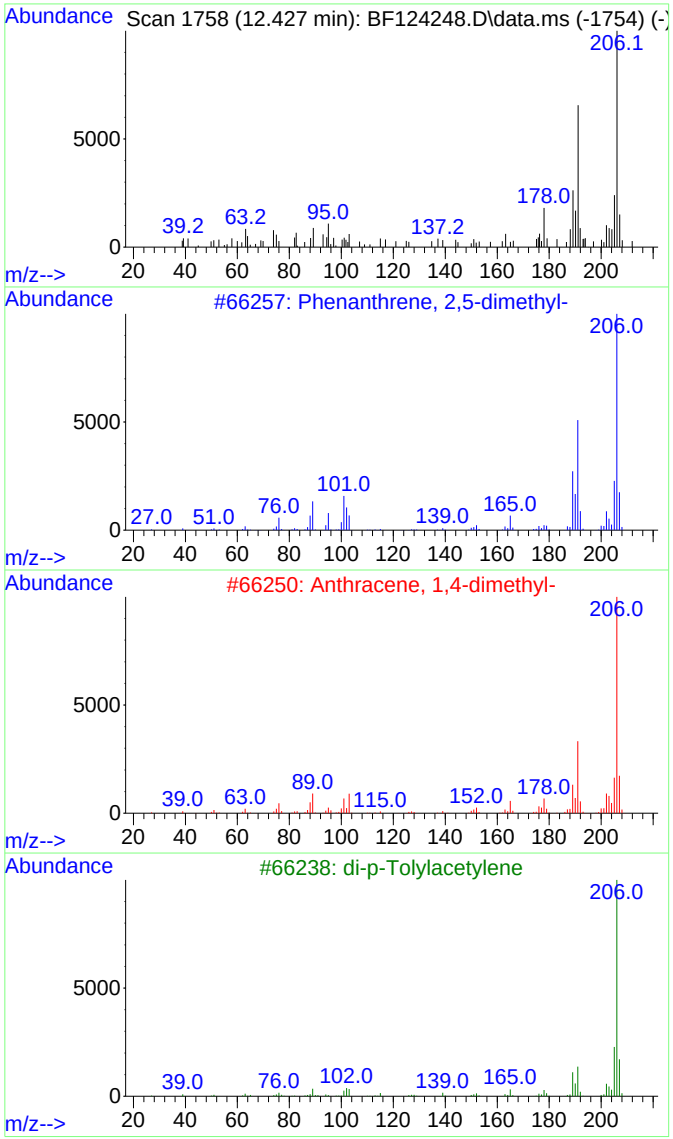
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

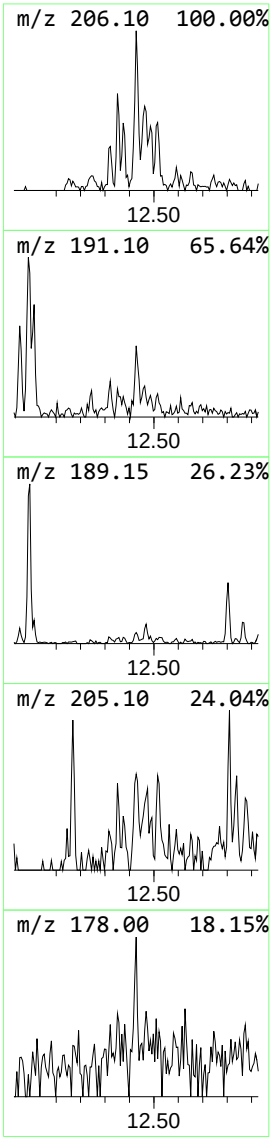
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	4.98 ng	81702	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

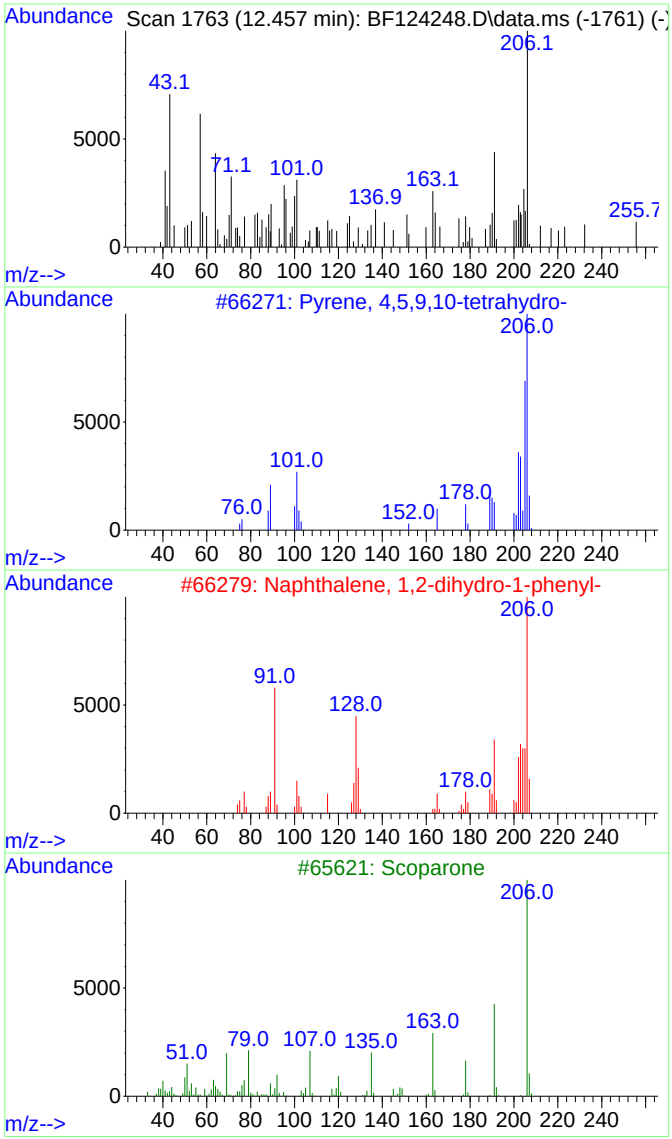
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

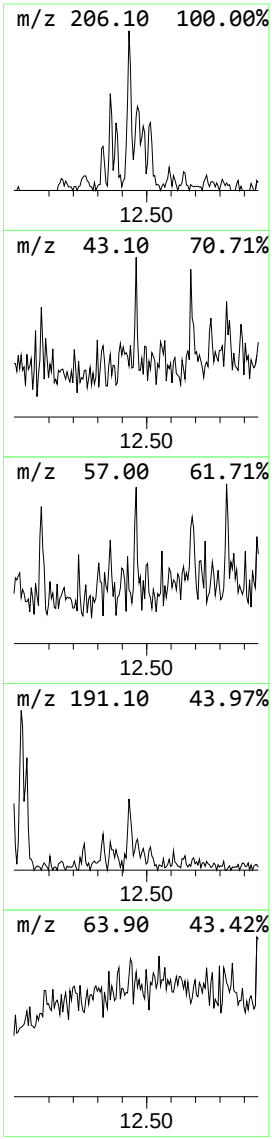
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown12.457 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	5.37 ng	88078	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	25
3	Scoparone	206	C11H10O4	000120-08-1	22
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	22
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

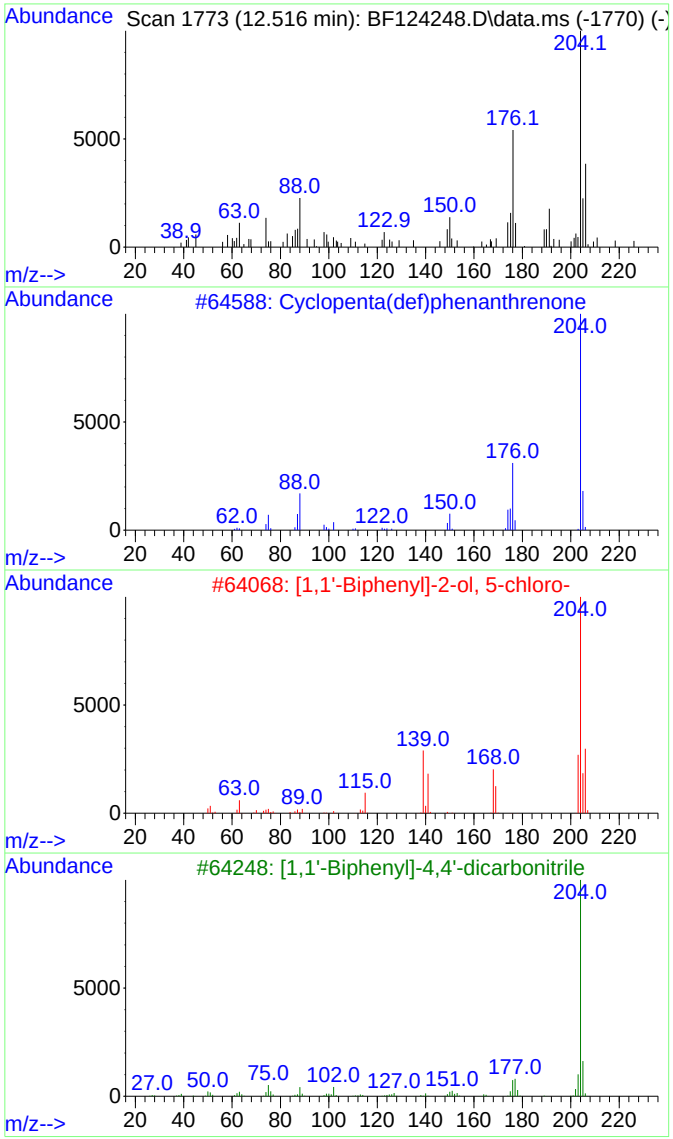
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

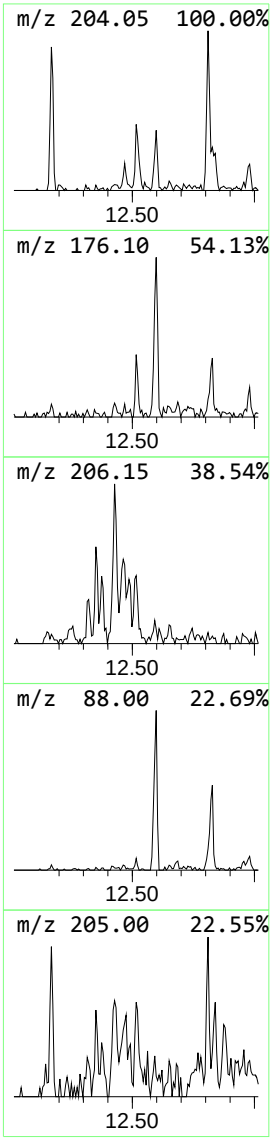
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	4.25 ng	69677	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

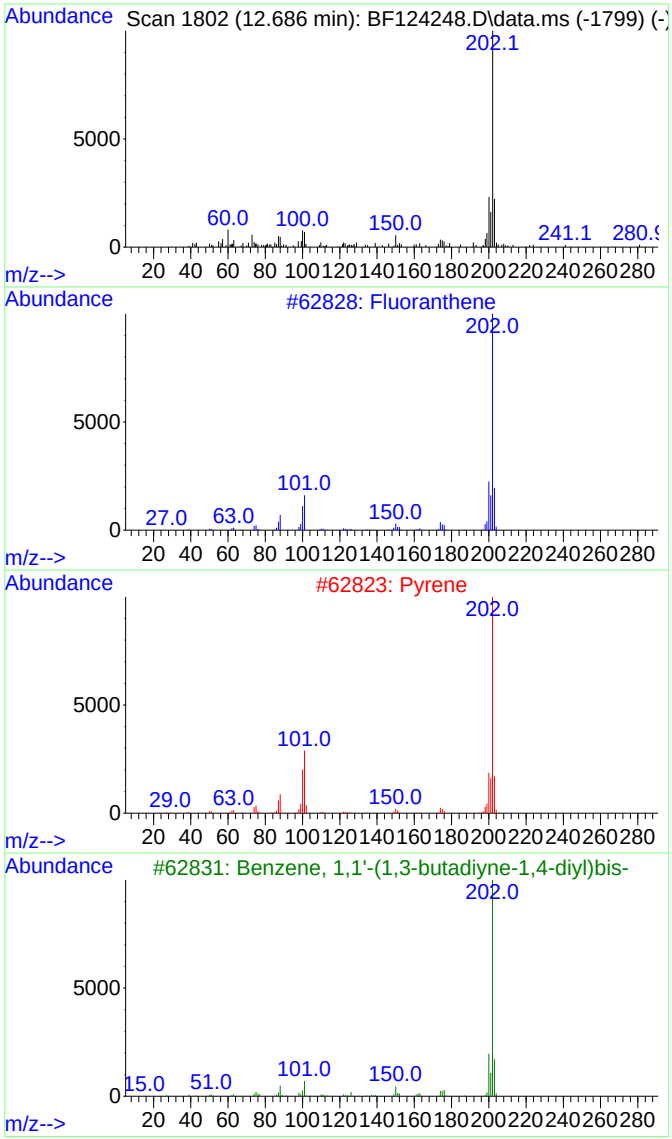
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

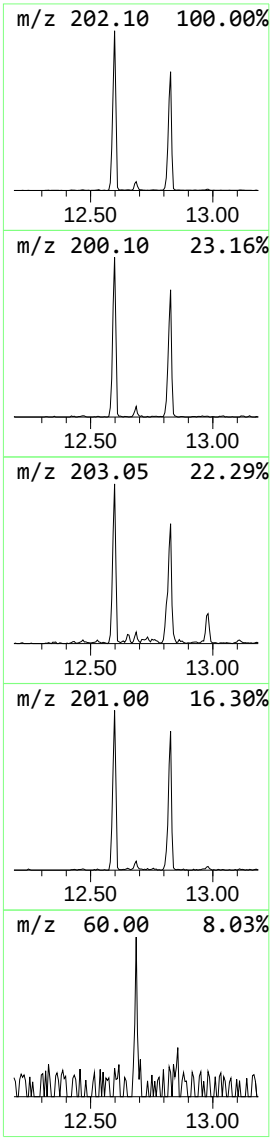
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	7.20 ng	118192	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	86
2	Pyrene	202	C16H10	000129-00-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	1H-Indole-3-propanoic acid, 1-(t...	275	C15H21NO2Si	056196-72-6	56
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

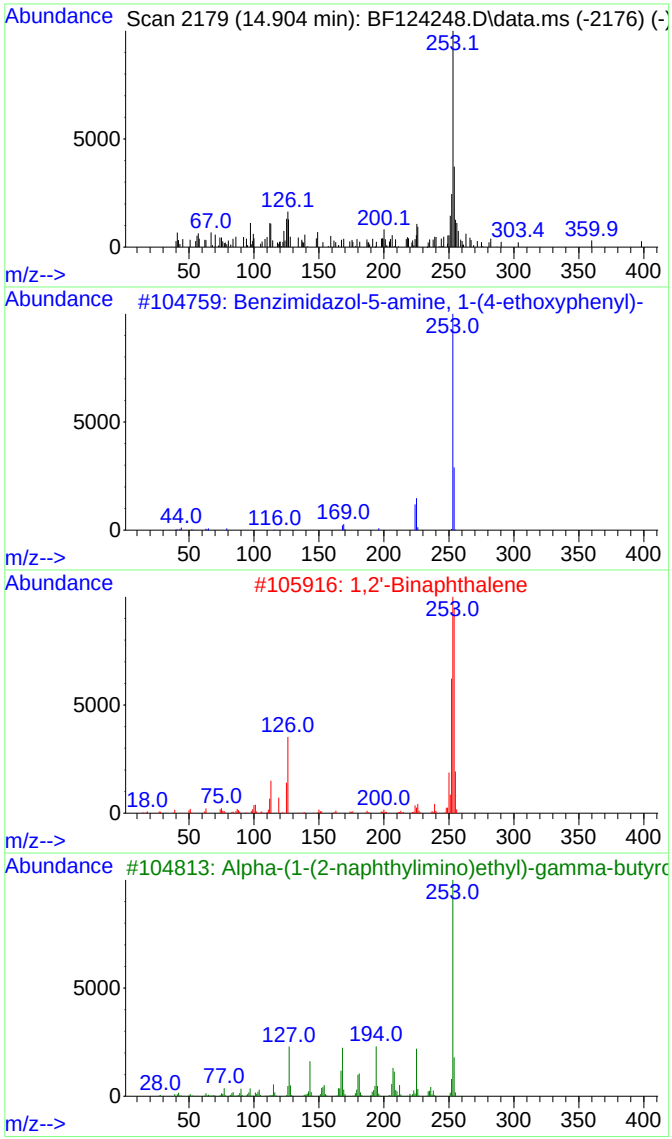
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

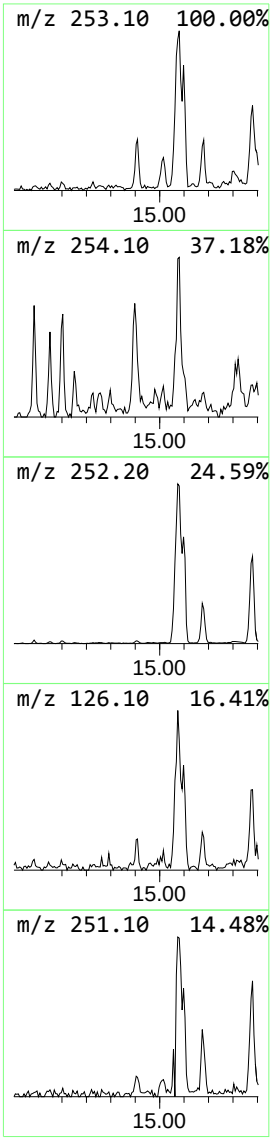
****

Peak Number 13 unknown14.904 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.904	6.60 ng	92483	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	43
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	43
3	Alpha-(1-(2-naphthylimino)ethyl)...	253	C16H15NO2	1000240-01-3	38
4	N-(4-Caproylaminobutyl)-2-ethylp...	282	C17H34N2O	1000306-09-9	38
5	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

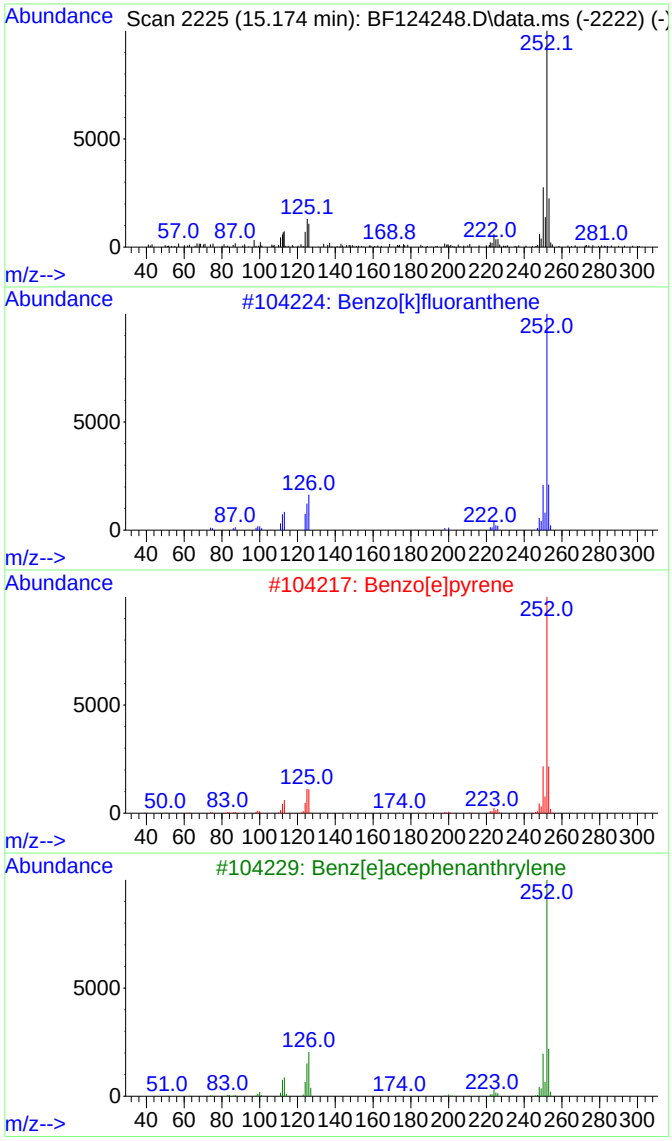
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

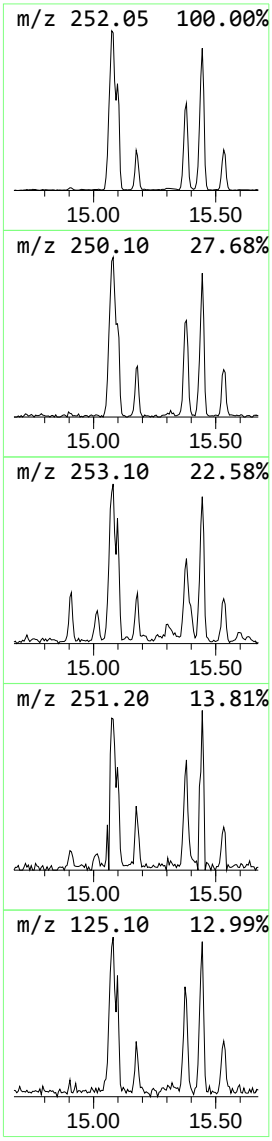
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	12.28 ng	172057	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

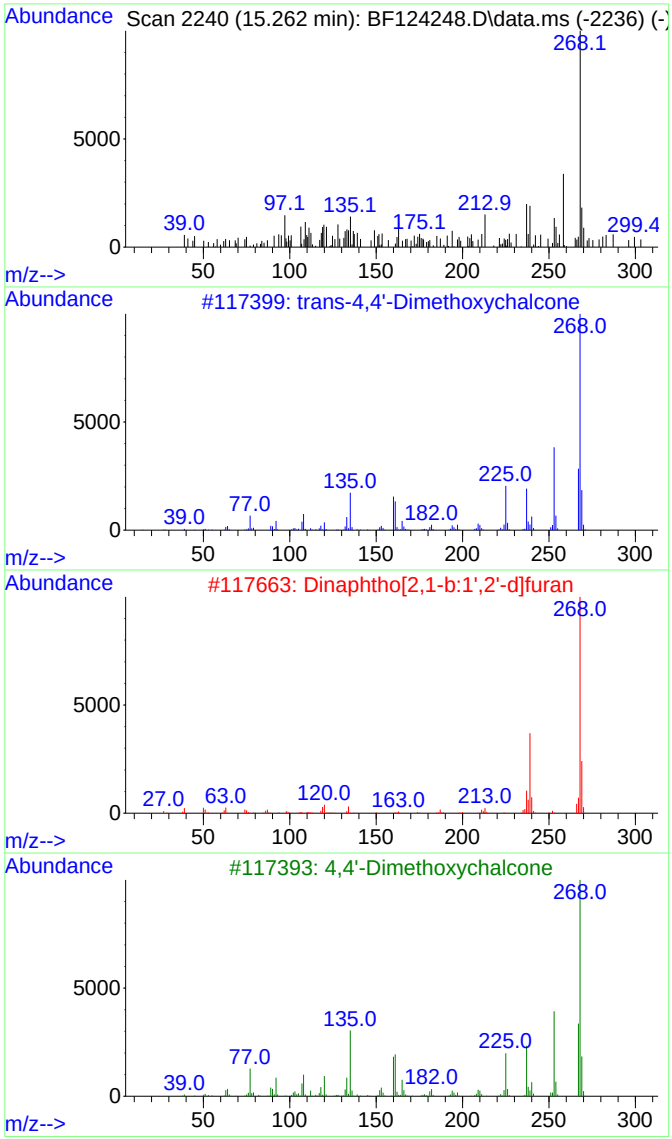
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

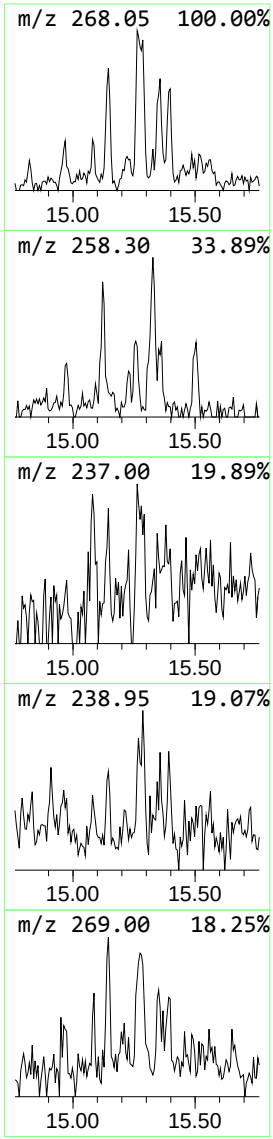
****

Peak Number 15 trans-4,4'-Dimethoxychalcone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.262	5.26 ng	73618	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4,4'-Dimethoxychalcone	268	C17H16O3	041564-67-4	53
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	49
3	4,4'-Dimethoxychalcone	268	C17H16O3	002373-89-9	47
4	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	46
5	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

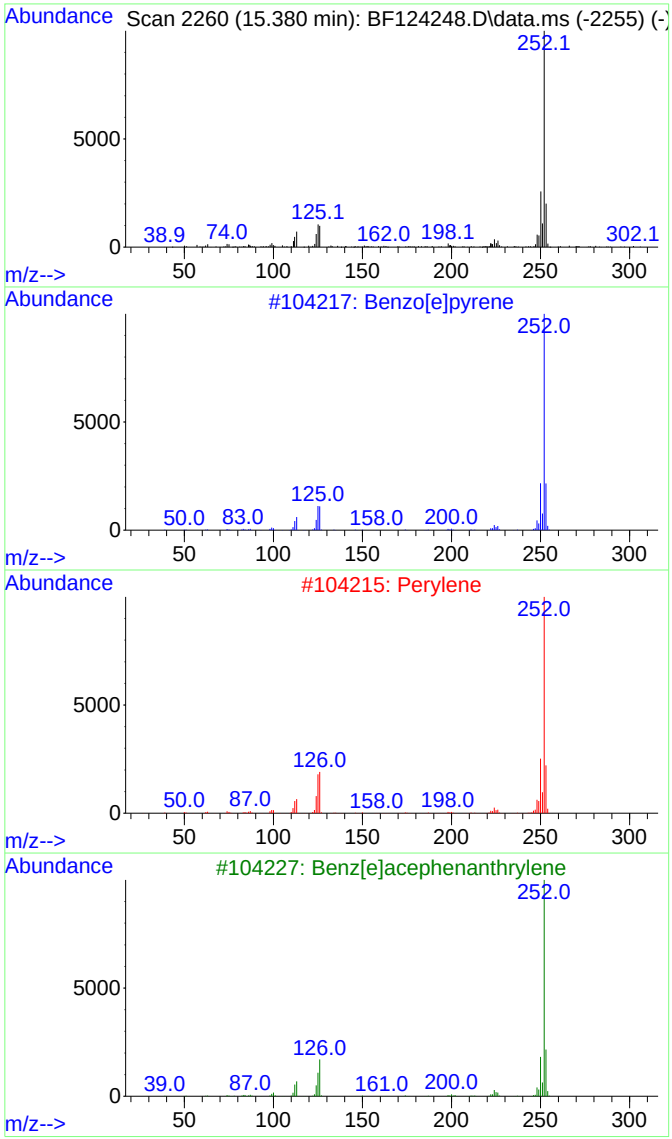
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

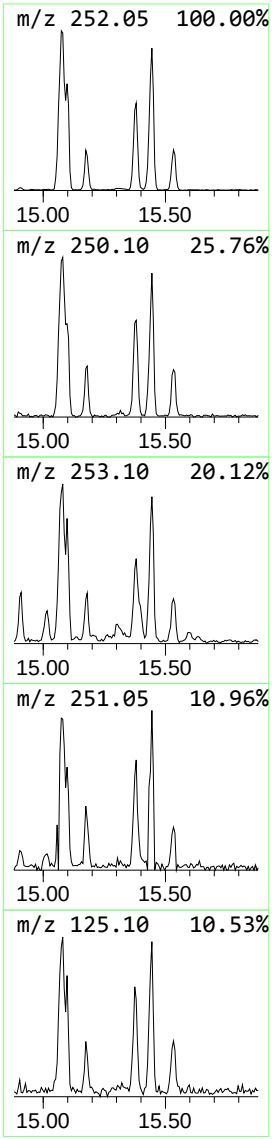
****

Peak Number 16 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	34.95 ng	489535	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

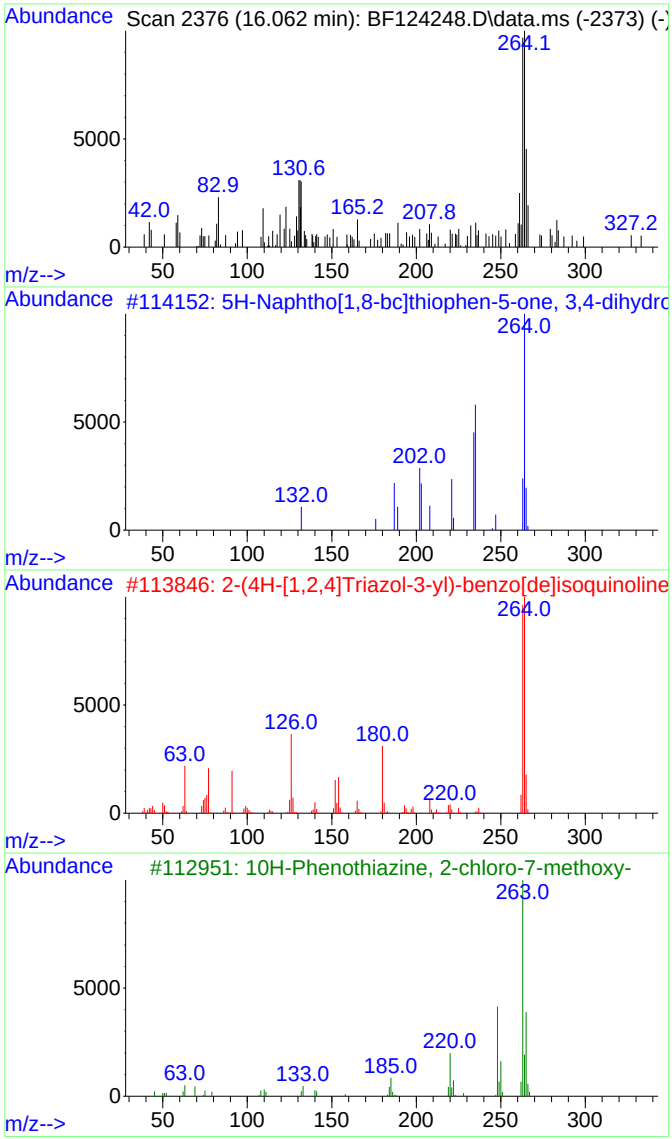
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

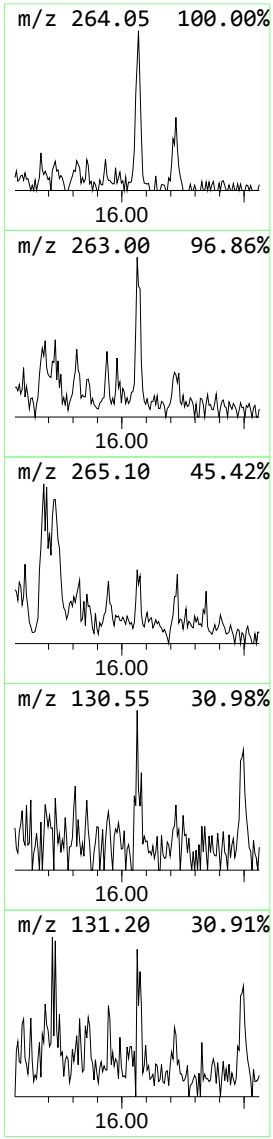
****

Peak Number 17 unknown16.062 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.062	5.52 ng	77380	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Naphtho[1,8-bc]thiophen-5-one...	264	C17H12OS	010245-65-5	43
2	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	43
3	10H-Phenothiazine, 2-chloro-7-me...	263	C13H10ClNOS	001730-44-5	35
4	4-Benzylidene-1-phenyl-3,5-dioxo...	264	C16H12N2O2	015083-26-8	35
5	Furazano[3,4-H]1,6-naphthyridin-...	264	C14H8N4O2	296245-19-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

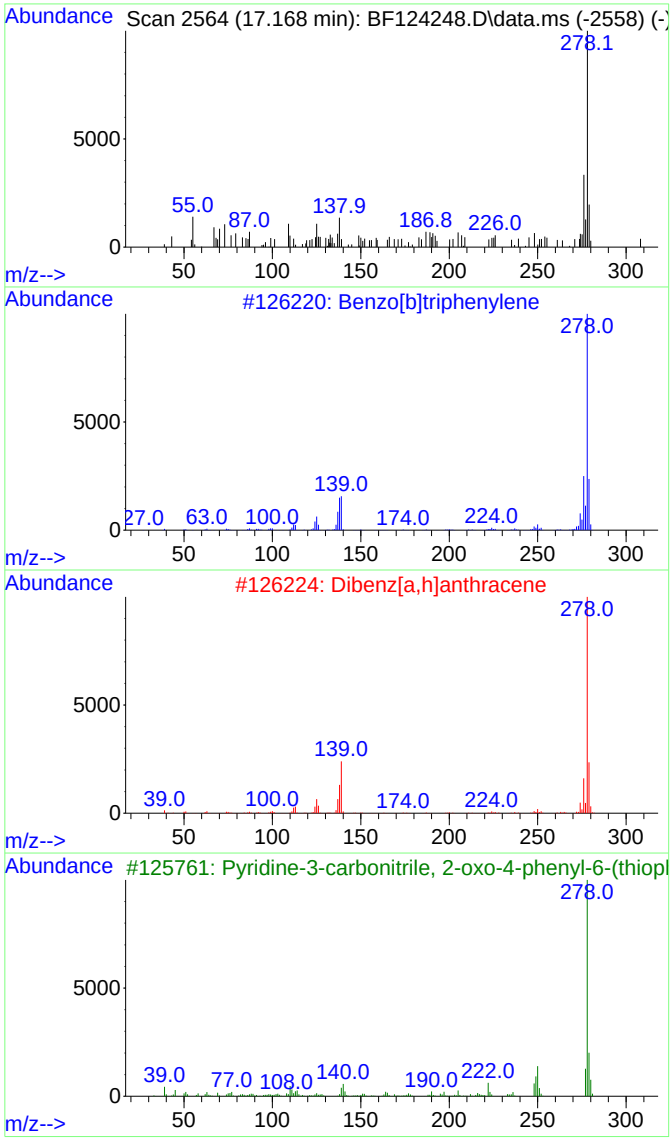
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

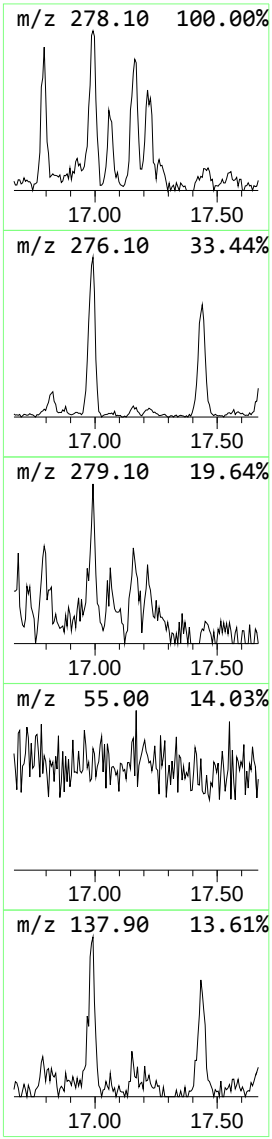
****

Peak Number 18 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.168	5.42 ng	75867	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	70
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	58
3	Pyridine-3-carbonitrile, 2-oxo-4...	278	C16H10N2OS	1000304-72-3	58
4	Picene	278	C22H14	000213-46-7	58
5	Bicyclo[4.1.0]hepta-1,3,5-triene...	278	C19H12F2	052326-84-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

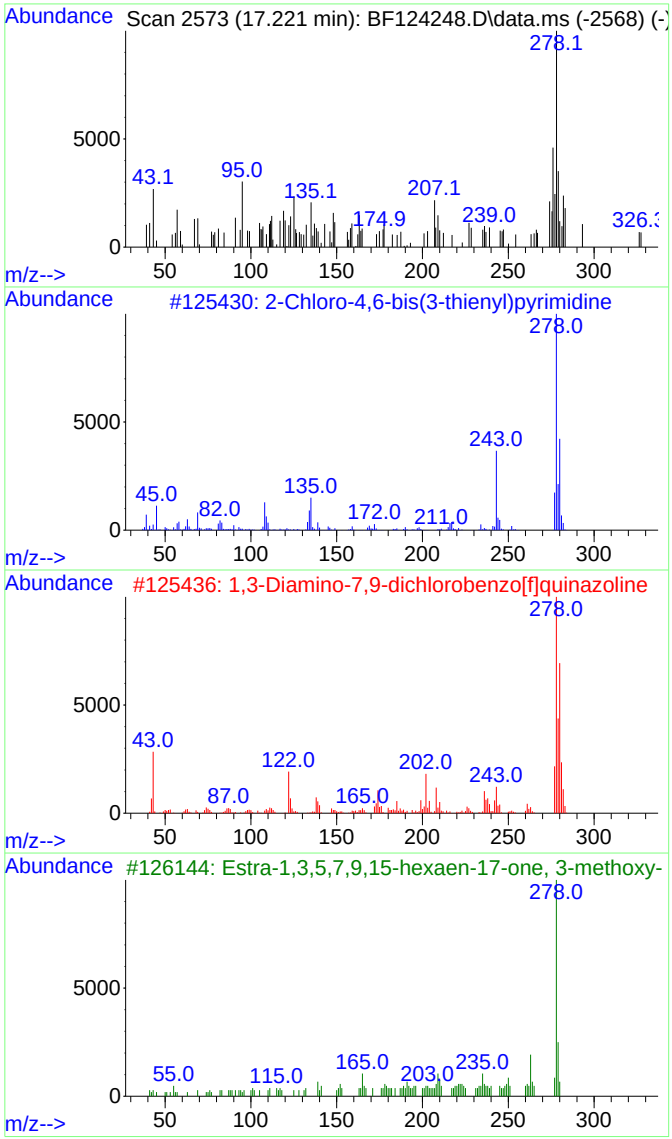
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

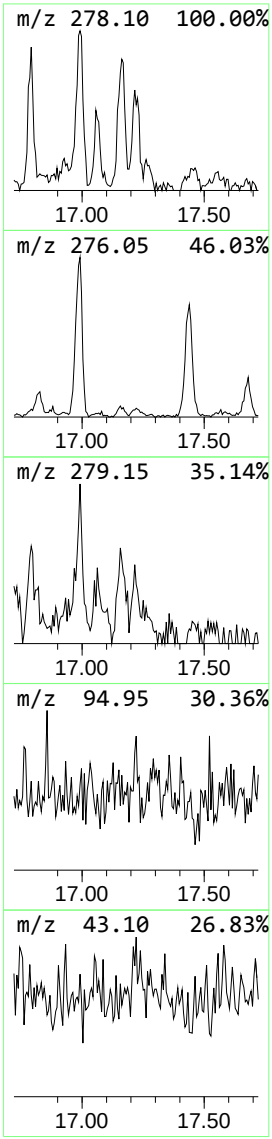
****

Peak Number 19 unknown17.221 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.221	4.71 ng	65966	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-4,6-bis(3-thienyl)pyrim...	278	C12H7ClN2S2	131022-83-8	46
2	1,3-Diamino-7,9-dichlorobenzo[f]...	278	C12H8Cl2N4	037521-58-7	43
3	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	41
4	Chromium, cycloheptatrienyl-(pen...	278	C17H22Cr	1000157-07-5	38
5	Pentacene	278	C22H14	000135-48-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

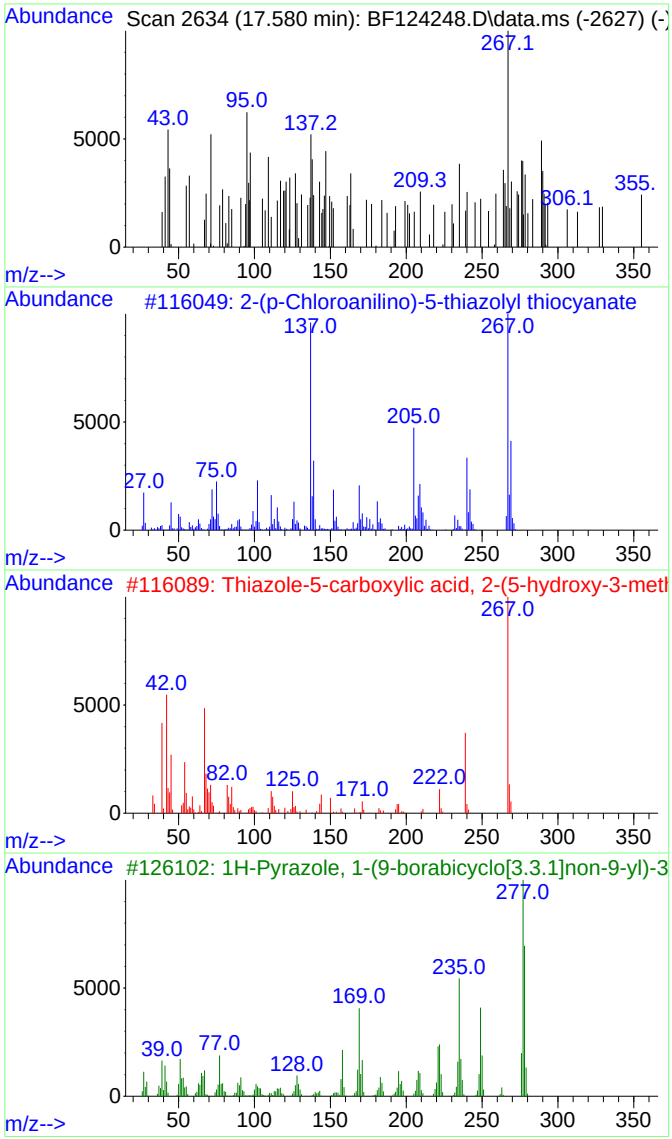
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

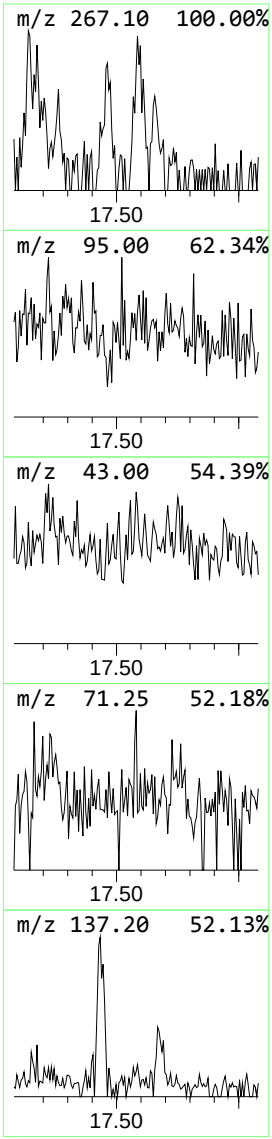
****

Peak Number 20 unknown17.580 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.580	4.14 ng	58017	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Chloroanilino)-5-thiazolyl ...	267	C10H6ClN3S2	090876-77-0	30
2	Thiazole-5-carboxylic acid, 2-(5...	267	C11H13N3O3S	1000302-24-3	10
3	1H-Pyrazole, 1-(9-borabicyclo[3....	278	C18H23BN2	125995-69-9	10
4	Pyridine, 4-[3-(1,3-benzodioxol-...	267	C14H9N3O3	1000350-15-3	10
5	1,2,3-Thiadiazole-4-carboxamide,...	267	C10H9N3O2S2	1000260-34-6	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124248.D
Acq On : 10 Jun 2021 23:37
Operator : JU/CG
Sample : M2612-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B12(10-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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
Oxirane, [(1-me...	5.063	4.9	ng	56620	1	6.845	230965	20.0
unknown11.233	11.233	4.0	ng	64887	4	11.374	328149	20.0
Naphtho[2,1-b]t...	11.269	4.1	ng	67355	4	11.374	328149	20.0
Phenanthrene, 1...	11.874	6.7	ng	109193	4	11.374	328149	20.0
Phenanthrene, 2...	11.904	14.7	ng	240455	4	11.374	328149	20.0
Anthracene, 1-m...	11.951	4.3	ng	71128	4	11.374	328149	20.0
4H-Cyclopenta[d...	11.992	16.9	ng	278095	4	11.374	328149	20.0
5,16[1',2']:8,1...	12.169	3.9	ng	63394	4	11.374	328149	20.0
Phenanthrene, 2...	12.427	5.0	ng	81702	4	11.374	328149	20.0
unknown12.457	12.457	5.4	ng	88078	4	11.374	328149	20.0
Cyclopenta(def)...	12.516	4.3	ng	69677	4	11.374	328149	20.0
Benzene, 1,1'-(...	12.686	7.2	ng	118192	4	11.374	328149	20.0
unknown14.904	14.904	6.6	ng	92483	6	15.504	280167	20.0
Benzo[e]pyrene	15.174	12.3	ng	172057	6	15.504	280167	20.0
trans-4,4'-Dime...	15.262	5.3	ng	73618	6	15.504	280167	20.0
Perylene	15.380	35.0	ng	489535	6	15.504	280167	20.0
unknown16.062	16.062	5.5	ng	77380	6	15.504	280167	20.0
Benzo[b]triphen...	17.168	5.4	ng	75867	6	15.504	280167	20.0
unknown17.221	17.221	4.7	ng	65966	6	15.504	280167	20.0
unknown17.580	17.580	4.1	ng	58017	6	15.504	280167	20.0