LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122886.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	567	570	591	rBV	1429037	1426204	8.62%	0.816%
2	6.457	739	743	766	rBV	1371128	1393173	8.42%	0.797%
3	6.822	801	805	814	rBV	744509	671802	4.06%	0.384%
4	7.381	896	900	912	rBV	946219	876226	5.30%	0.501%
5	8.104	1019	1023	1026	rBV	957392	807399	4.88%	0.462%
6	9.180	1202	1206	1209	rBV	1676207	1527905	9.24%	0.874%
7	9.722	1294	1298	1305	rVB	542829	475243	2.87%	0.272%
8	9.857	1312	1321	1324	rBV	1083710	945491	5.72%	0.541%
9	9.892	1324	1327	1331	rVB	391522	324741	1.96%	0.186%
10	10.404	1411	1414	1420	rVB	303038	279139	1.69%	0.160%
11	10.651	1452	1456	1462	rBV	1022560	975183	5.90%	0.558%
12	11.157	1538	1542	1545	rVB	440304	410953	2.48%	0.235%
13	11.245	1553	1557	1559	rVV	267465	244869	1.48%	0.140%
14	11.351	1571	1575	1576	rBV	809234	829951	5.02%	0.475%
15	11.380	1576	1580	1583	rVV	4124471	4199957	25.40%	2.404%
16	11.421	1583	1587	1590	rVV	1279081	1260912	7.62%	0.722%
17	11.457	1590	1593	1599	rVB	248671	269831	1.63%	0.154%
18	11.580	1608	1614	1621	rBV2	1759320	2157059	13.04%	1.235%
19	11.639	1621	1624	1628	rVV3	253745	266139	1.61%	0.152%
20	11.851	1655	1660	1662	rBV	667064	626863	3.79%	0.359%
21	11.880	1662	1665	1669	rVV	1179565	1062158	6.42%	0.608%
22	11.963	1675	1679	1681	rVV	1411874	1384127	8.37%	0.792%
23	11.986	1681	1683	1688	rVB	478470	423919	2.56%	0.243%
24	12.063	1693	1696	1698	rVV	240632	272200	1.65%	0.156%
25	12.086	1698	1700	1704	rVV3	228700	375194	2.27%	0.215%
26	12.145	1706	1710	1713	rVV	1114836	1032037	6.24%	0.591%
27	12.192	1713	1718	1720	rVV	3040112	3762852	22.75%	2.154%
28	12.216	1720	1722	1725	rVB2	302358	276306	1.67%	0.158%
29	12.292	1730	1735	1738	rBV3	469644	494913	2.99%	0.283%
30	12.404	1750	1754	1757	rBV	313147	394331	2.38%	0.226%
31	12.457	1757	1763	1767	rVB2	654413	816706	4.94%	0.467%
32	12.516	1767	1773	1777	rBV	1142859	1541800	9.32%	0.882%
33	12.604	1777	1788	1791	rBV	7332632	16518873	99.89%	9.454%
34	12.639	1791	1794	1797	rVB	524133	471565	2.85%	0.270%
35	12.668	1797	1799	1804	rVB	496024	472811	2.86%	0.271%
36	12.721	1804	1808	1812	rBV2	1449026	1621658	9.81%	0.928%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.833	1818	1827	1829	rBV3	6929533	15559359	94.08%	8.905%
38	12.851	1829	1830	1834	rVB	1068487	630130	3.81%	0.361%
39	12.921	1837	1842	1843	rBV	1531760	1547230	9.36%	0.886%
40	12.939	1843	1845	1847	rVV	1933869	1547429	9.36%	0.886%
41	12.963	1847	1849	1853	rVB	1418696	1293432	7.82%	0.740%
42	13.021	1853	1859	1862	rBV2	1169361	1788234	10.81%	1.023%
43	13.051	1862	1864	1866	rVB	476409	357991	2.16%	0.205%
44	13.104	1870	1873	1874	rBV3	1068048	1079122	6.53%	0.618%
45	13.127	1875	1877	1880	rVB	1857724	1716018	10.38%	0.982%
46	13.163	1880	1883	1885	rBV3	225076	265816	1.61%	0.152%
47	13.192	1885	1888	1891	rBV	1051627	1012271	6.12%	0.579%
48	13.233	1891	1895	1897	rVV2	1469564	1829039	11.06%	1.047%
49	13.257	1897	1899	1902	rVB	517685	429790	2.60%	0.246%
50	13.286	1902	1904	1907	rVB	393756	325809	1.97%	0.186%
51	13.327	1907	1911	1913	rBV	721865	695614	4.21%	0.398%
52	13.357	1913	1916	1918	rBV3	621816	651211	3.94%	0.373%
53	13.415	1923	1926	1928	rBV	361763	340846	2.06%	0.195%
54	13.439	1928	1930	1934	rVB2	285407	245937	1.49%	0.141%
55	13.504	1938	1941	1943	rBV2	267633	255928	1.55%	0.146%
56	13.551	1946	1949	1951	rBV	426325	383291	2.32%	0.219%
57	13.651	1961	1966	1969	rVB	2531384	2902678	17.55%	1.661%
58	13.704	1972	1975	1979	rVB3	225273	241566	1.46%	0.138%
59	13.757	1979	1984	1986	rBV	3067991	3875350	23.43%	2.218%
60	13.780	1986	1988	1990	rVV	2011789	1730278	10.46%	0.990%
61	13.810	1990	1993	1998	rVV3	2426516	3275411	19.81%	1.875%
62	13.863	1998	2002	2009	rVB2	2429087	3210837	19.42%	1.838%
63	13.921	2009	2012	2016	rVB	615105	633277	3.83%	0.362%
64	13.998	2018	2025	2028	rBV3	2895828	5848009	35.36%	3.347%
65	14.057	2028	2035	2039	rVB2	5863731	12239309	74.01%	7.005%
66	14.092	2039	2041	2043	rBV2	318152	298604	1.81%	0.171%
67	14.115	2043	2045	2047	rBV2	588462	482038	2.91%	0.276%
68	14.157	2050	2052	2053	rBV	333337	277629	1.68%	0.159%
69	14.233	2061	2065	2068	rVB3	936457	1433096	8.67%	0.820%
70	14.262	2068	2070	2073	rBV2	615564	631712	3.82%	0.362%
71	14.321	2077	2080	2083	rVB3	210312	228637	1.38%	0.131%
72	14.392	2083	2092	2094	rBV2	1155333	2142082	12.95%	1.226%
73	14.421	2094	2097	2098	rBV2	828425	768358	4.65%	0.440%
74	14.445	2098	2101	2104	rVB	1661539	1609160	9.73%	0.921%
75	14.515	2110	2113	2115	rBV2	874473	924335	5.59%	0.529%
76	14.580	2121	2124	2128	rVB2	662202	692055	4.18%	0.396%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.715	2142	2147	2151	rBV2	918919	1447449	8.75%	0.828%
78	14.757	2151	2154	2160	rVB4	529469	741483	4.48%	0.424%
79	14.862	2167	2172	2175	rBV	1286125	1911235	11.56%	1.094%
80	14.898	2175	2178	2182	rVV	867896	1286448	7.78%	0.736%
81	14.939	2183	2185	2190	rVB5	356743	439483	2.66%	0.252%
82	15.004	2191	2196	2199	rBV2	526284	803015	4.86%	0.460%
83	15.092	2199	2211	2216	rVV2	5177629	16537817	100.00%	9.465%
84	15.133	2216	2218	2221	rVV2	435911	450469	2.72%	0.258%
85	15.168	2221	2224	2227	rVB	605965	602400	3.64%	0.345%
86	15.198	2227	2229	2234	rVB4	208488	260927	1.58%	0.149%
87	15.251	2234	2238	2243	rBV2	655053	1188419	7.19%	0.680%
88	15.374	2251	2259	2264	rVB	3341083	6457291	39.05%	3.696%
89	15.433	2264	2269	2272	rVV	2561526	3761107	22.74%	2.153%
90	15.486	2275	2278	2280	rVV	775402	931037	5.63%	0.533%
91	15.515	2280	2283	2289	rVB2	816277	1219597	7.37%	0.698%
92	15.609	2296	2299	2303	rVB2	269561	355806	2.15%	0.204%
93	15.798	2327	2331	2334	rBV	222122	312913	1.89%	0.179%
94	15.833	2334	2337	2343	rVB3	205051	304133	1.84%	0.174%
95	15.898	2344	2348	2354	rVB3	274290	432316	2.61%	0.247%
96	16.562	2457	2461	2465	rBV2	180218	320252	1.94%	0.183%
97	16.680	2477	2481	2486	rVB	420212	690002	4.17%	0.395%
98	16.968	2520	2530	2536	rVB2	2130639	4644291	28.08%	2.658%
99	17.115	2550	2555	2561	rBV4	299624	733910	4.44%	0.420%
100	17.409	2596	2605	2611	rBV	1107521	2602090	15.73%	1.489%

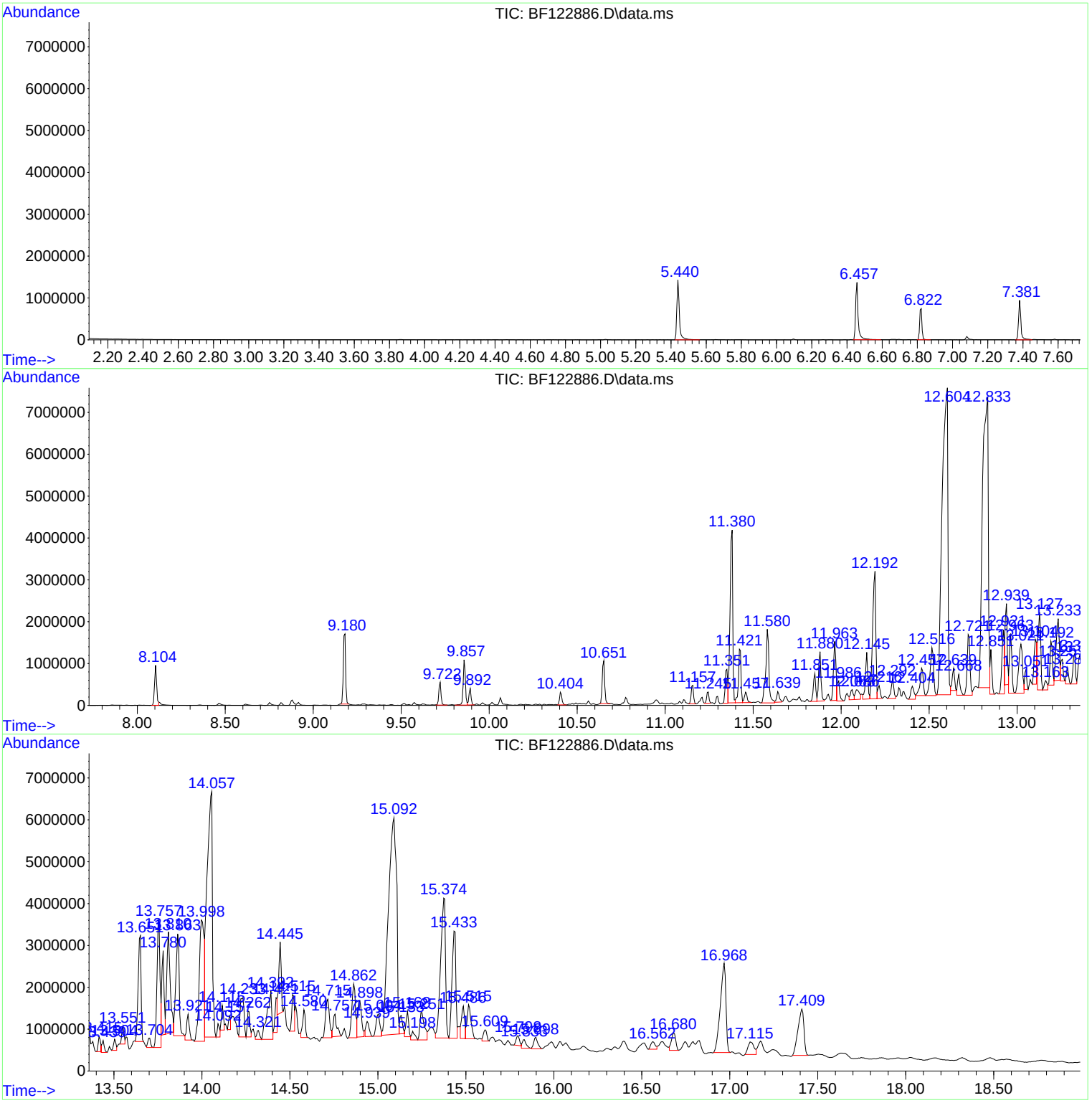
Sum of corrected areas: 174723298

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

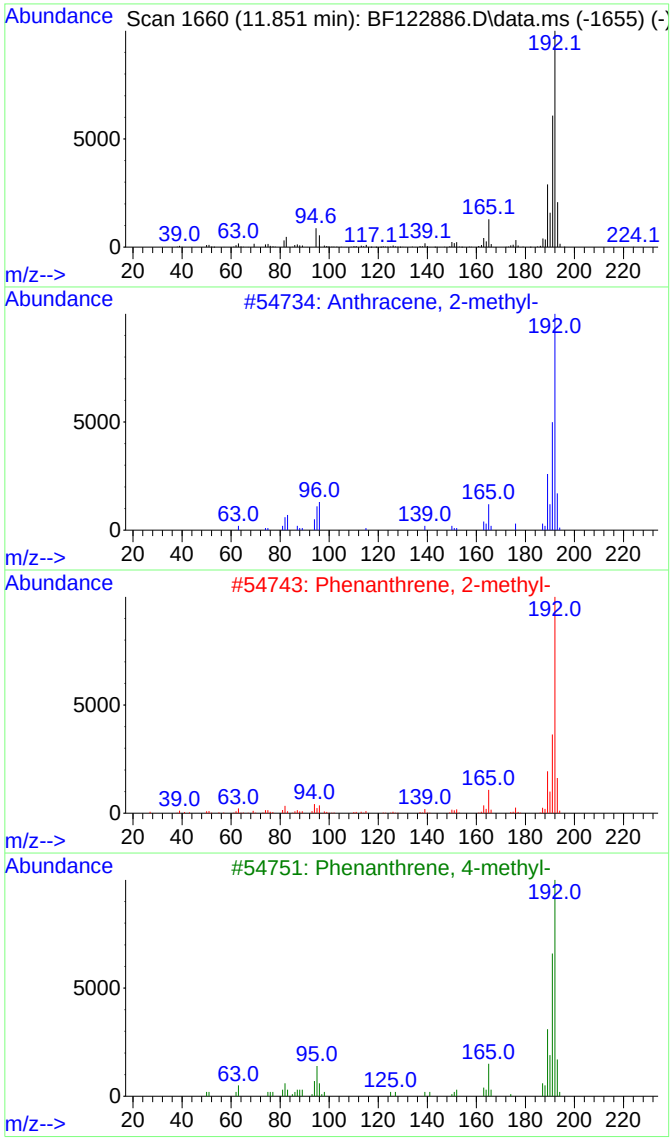
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

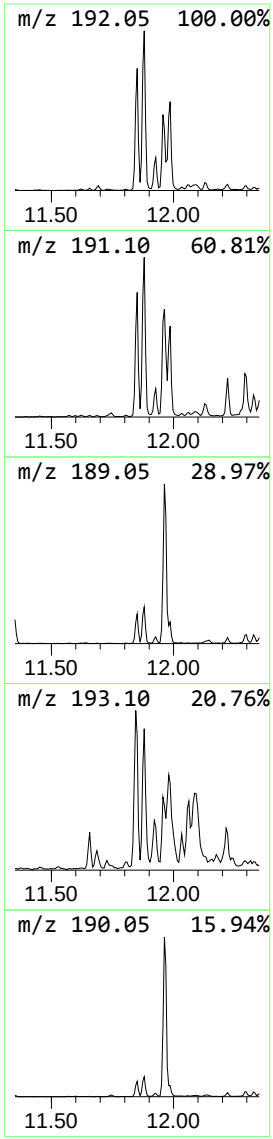
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	15.11 ng	626863	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

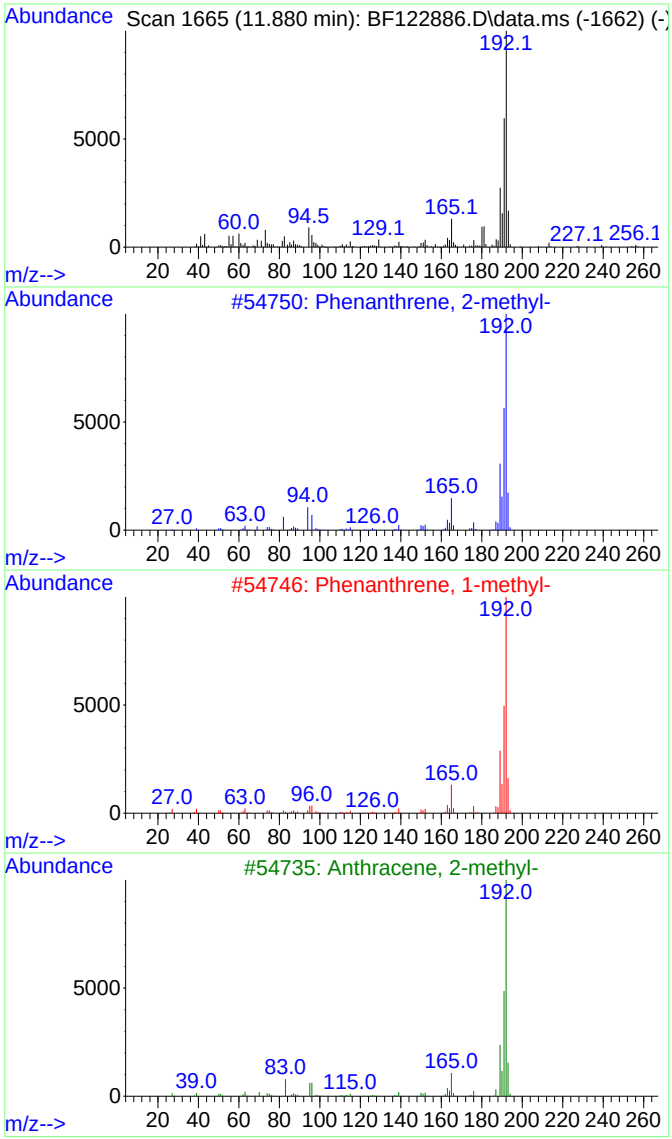
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

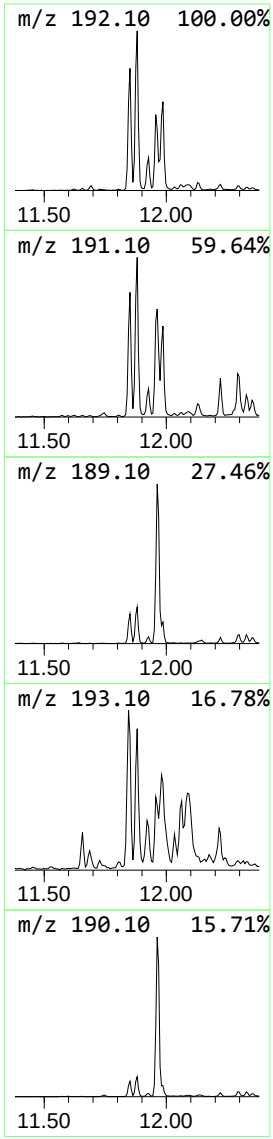
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	25.60 ng	1062160	Phenanthrene-d10	11.351

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

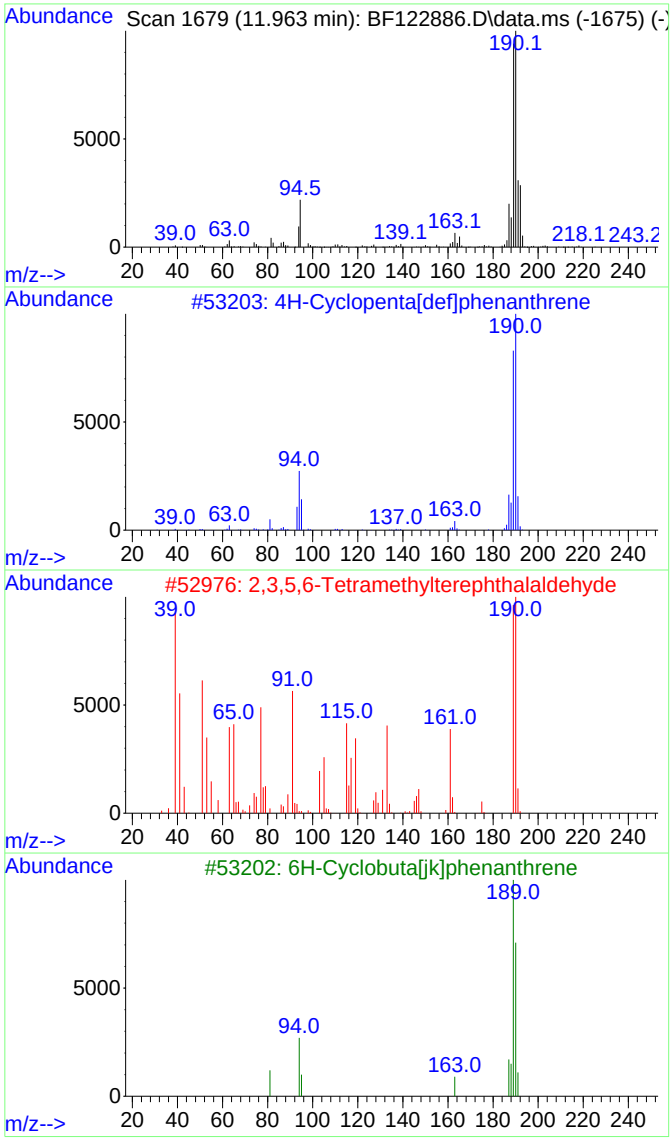
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

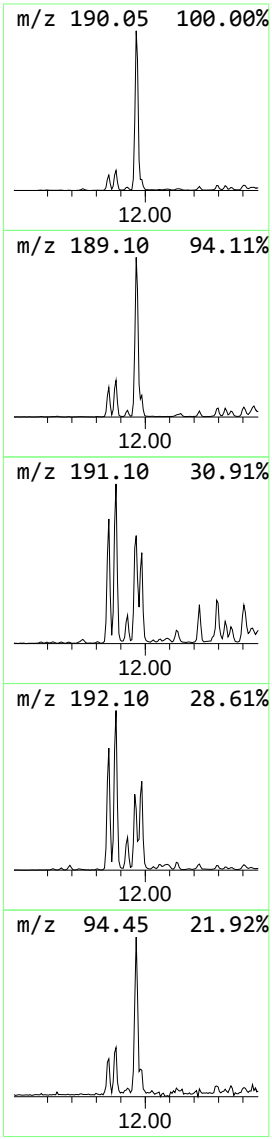
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	33.35 ng	1384130	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

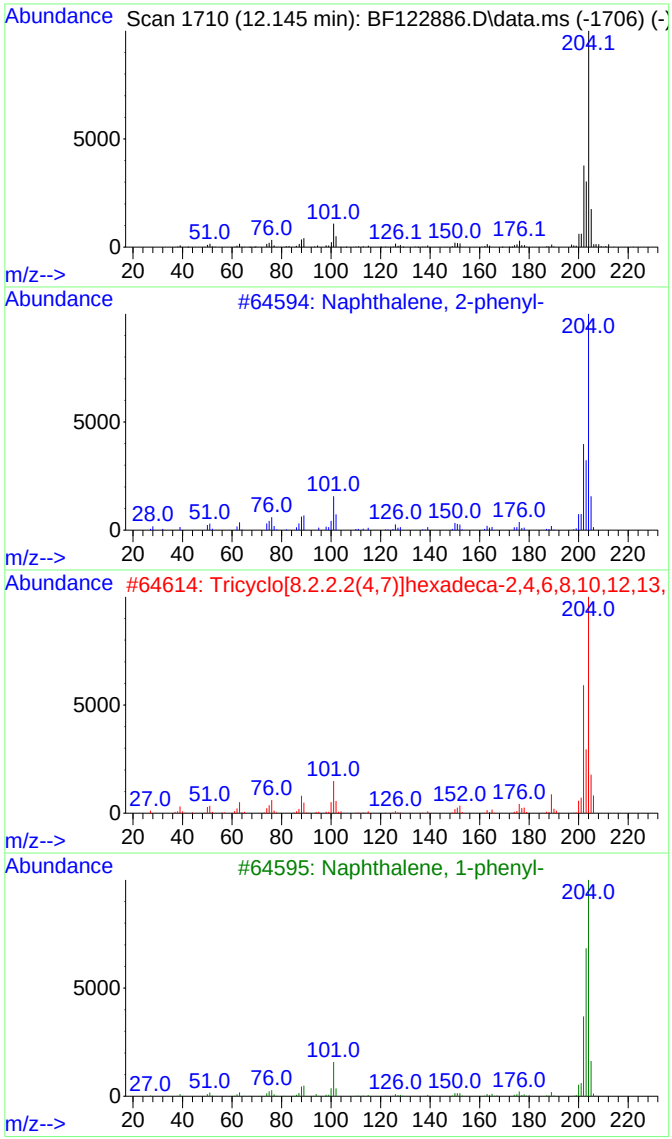
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

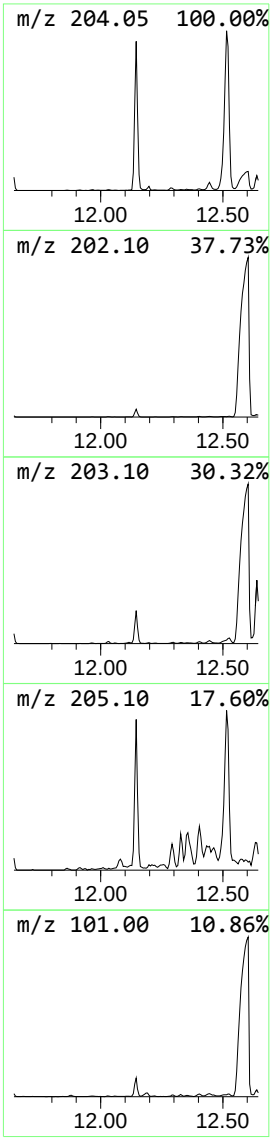
****

Peak Number 4 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	24.87 ng	1032040	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

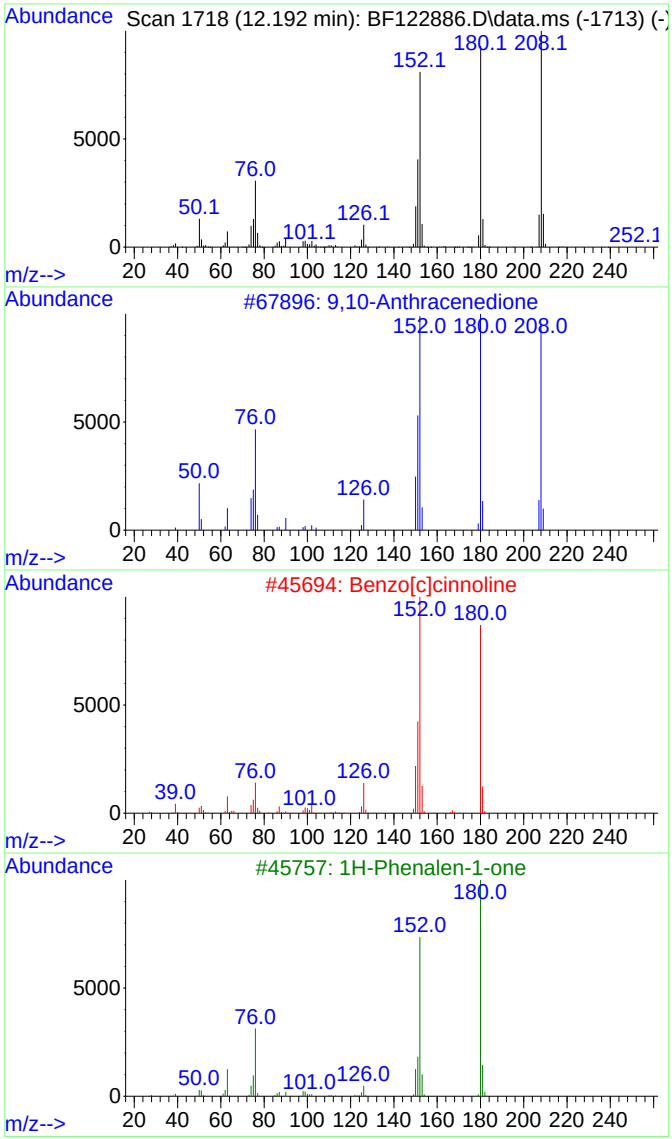
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

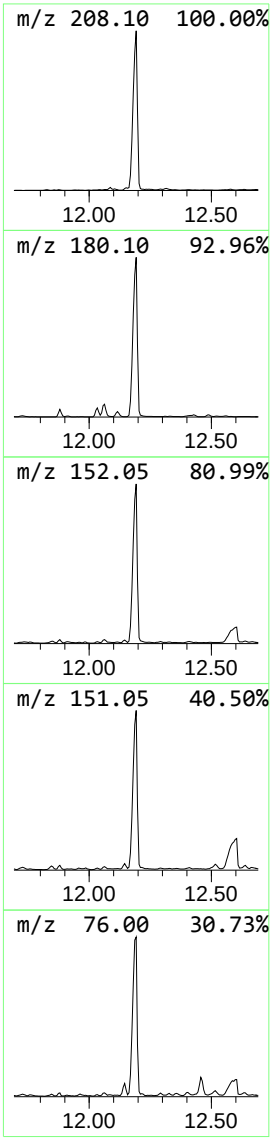
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	90.68 ng	3762850	Phenanthrene-d10	11.351

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	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

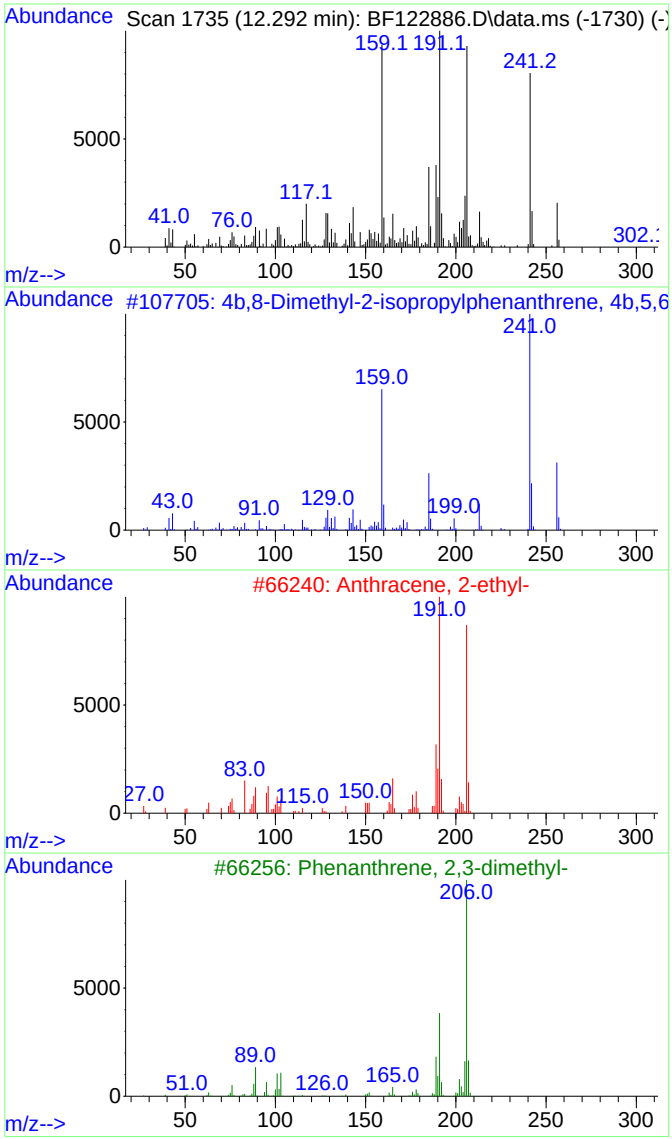
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

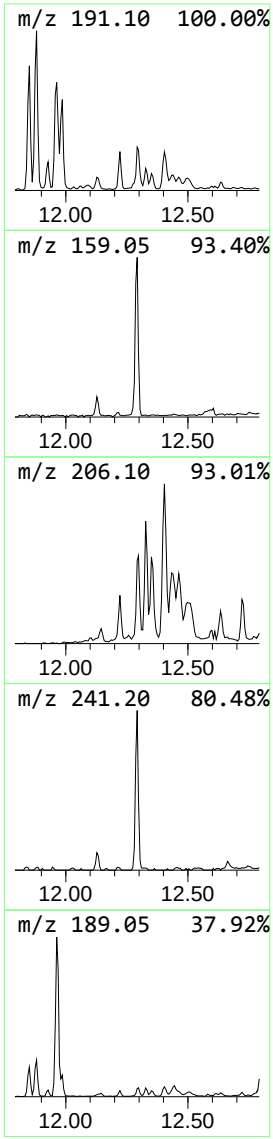
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4b,8-Dimethyl-2-isopropylph... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.292	11.93 ng	494913	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	64
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

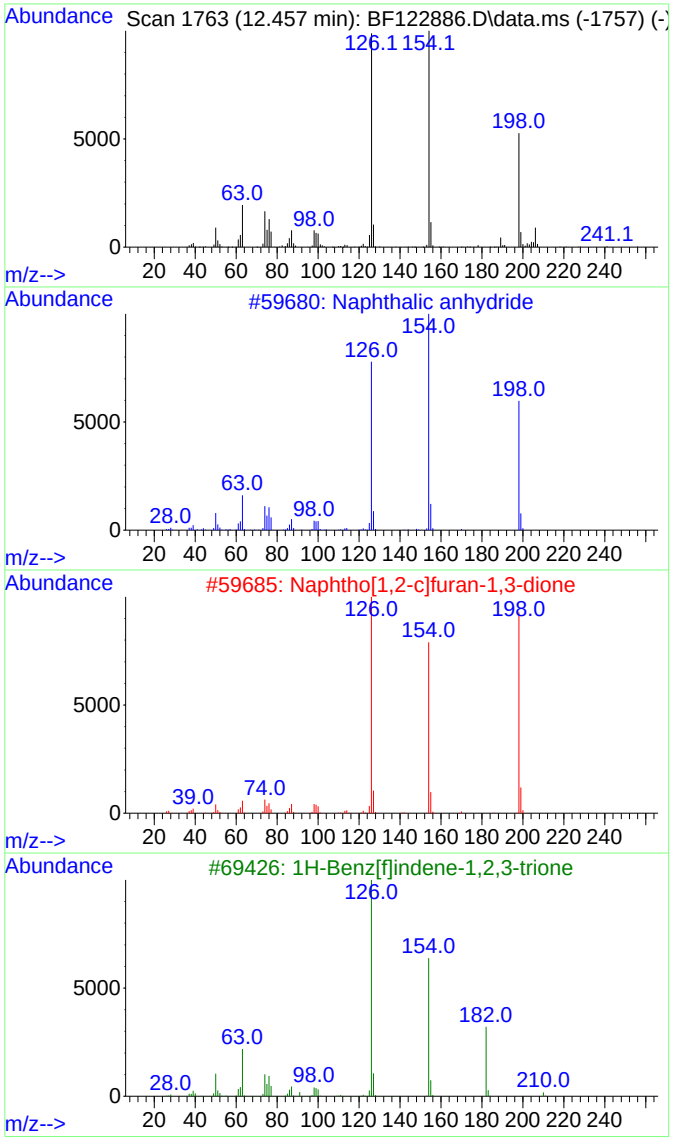
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

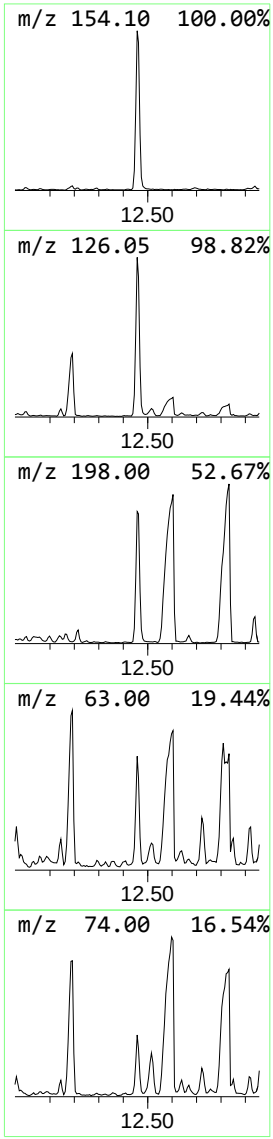
****

Peak Number 7 Naphthalic anhydride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	19.68 ng	816706	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	98
2	Naphtho[1,2-c]furan-1,3-dione	198	C12H6O3	005343-99-7	83
3	1H-Benz[f]indene-1,2,3-trione	210	C13H6O3	020927-01-9	52
4	1H-Benz[f]indene-1,3(2H)-dione, ...	228	C13H8O4	038627-57-5	46
5	1,4-Diethynylbenzene	126	C10H6	000935-14-8	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

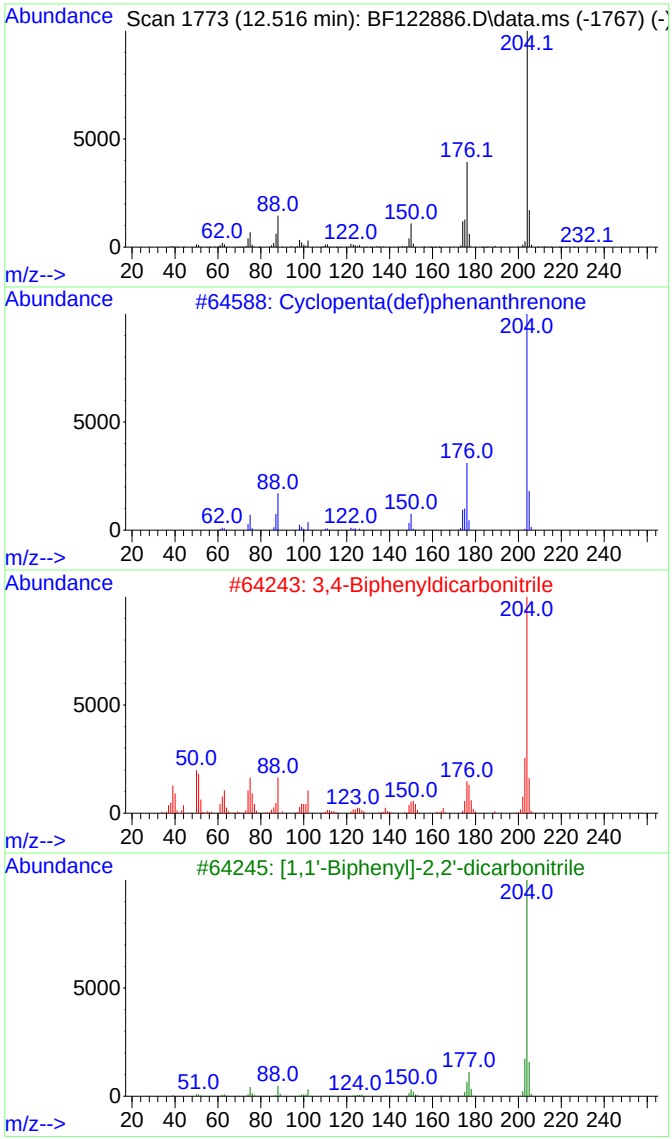
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

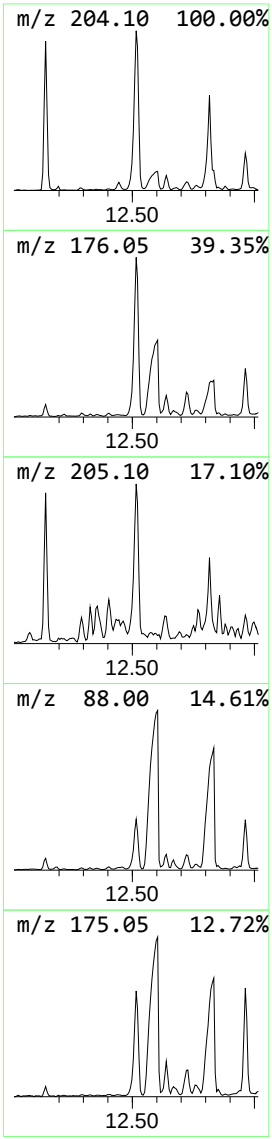
****

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.515	37.15 ng	1541800	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
4	4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	47
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

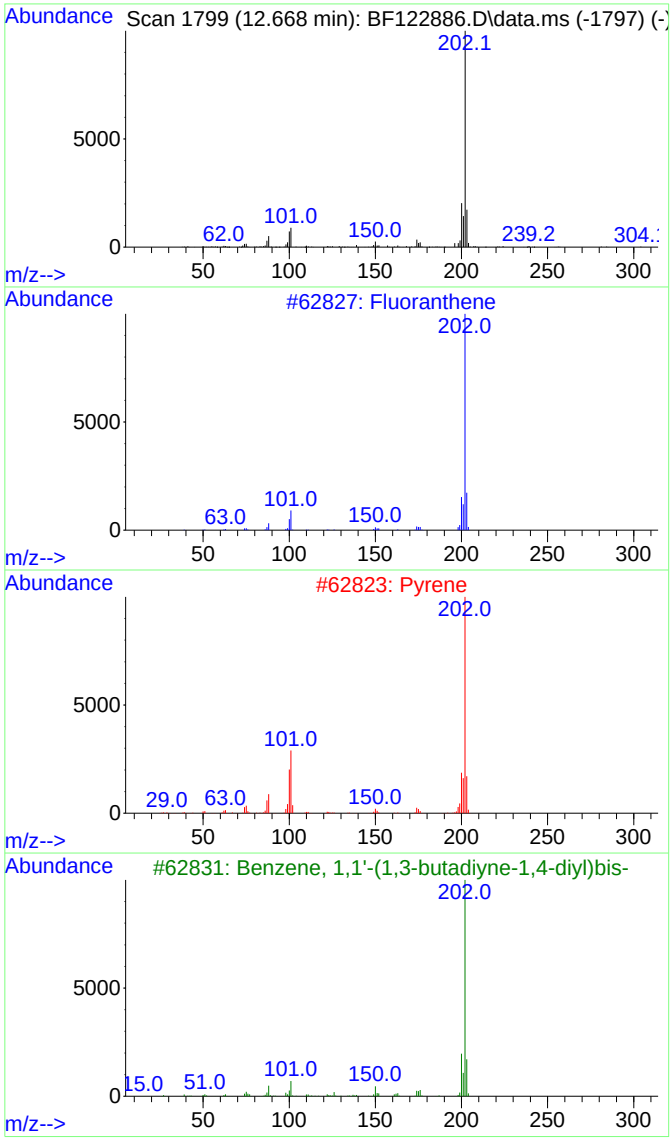
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

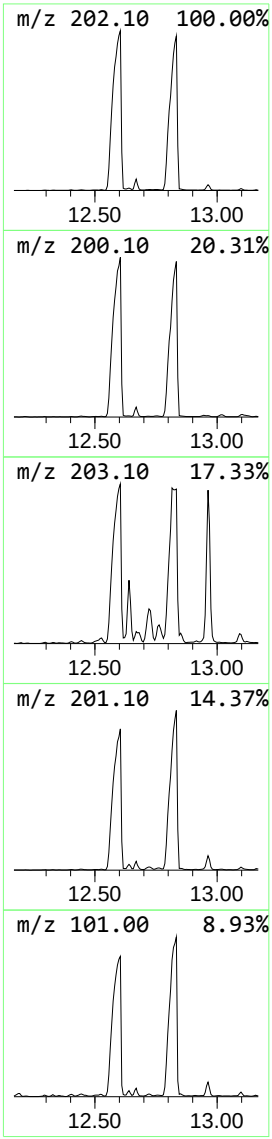
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	11.39 ng	472811	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	72
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	47
5	Furan-2-one, 2,5-dihydro-5-(4-me...	202	C12H10O3	024962-84-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

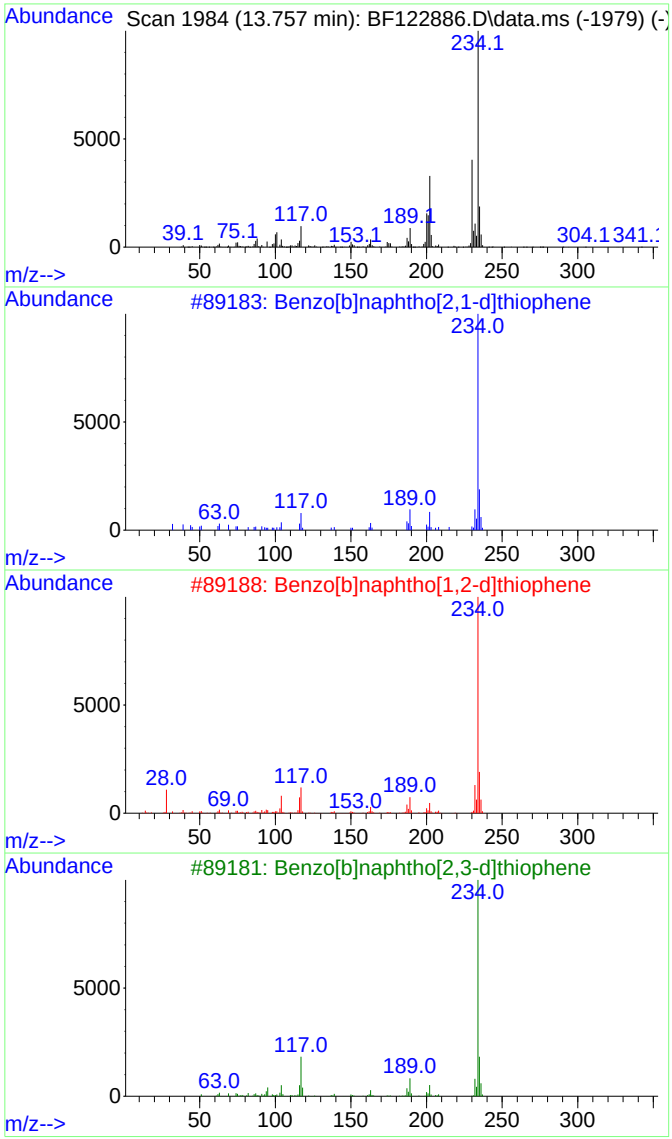
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

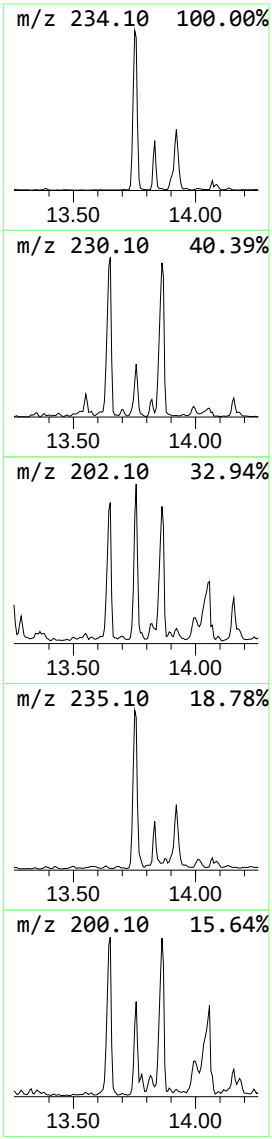
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	13.25 ng	3875350	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	53
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	43
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

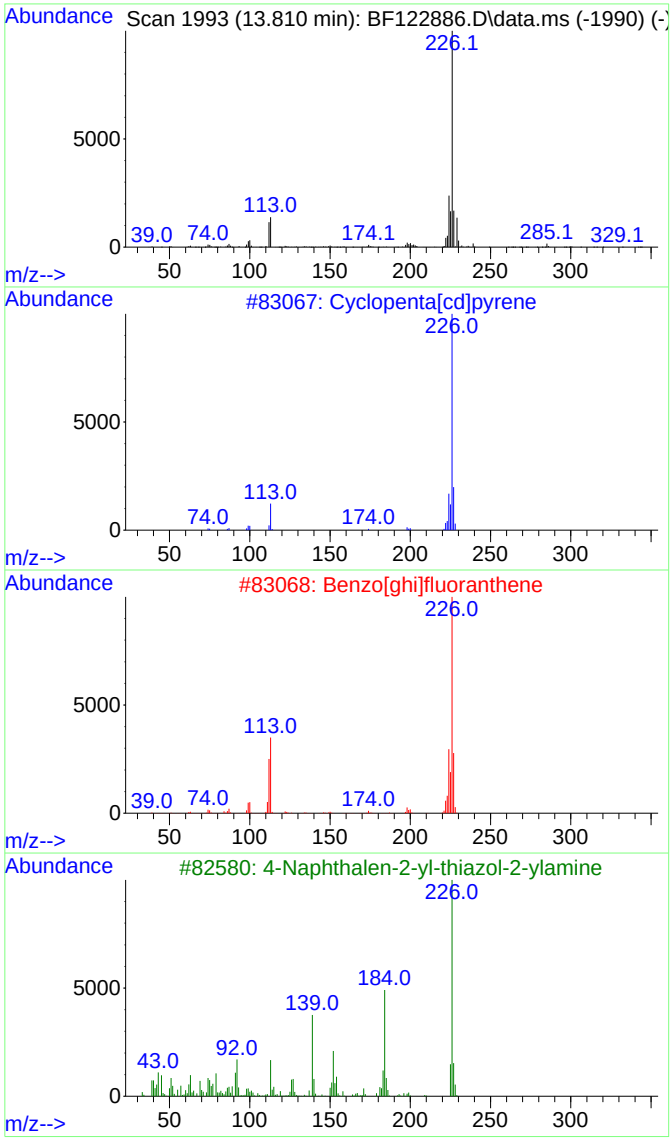
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

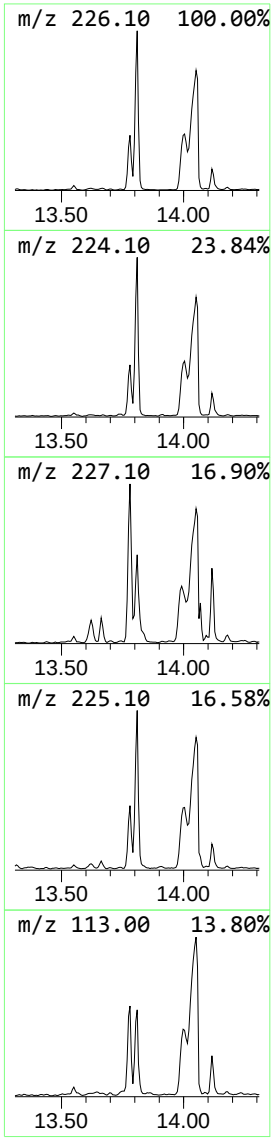
****

Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	11.20 ng	3275410	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
3	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	50
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	50
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

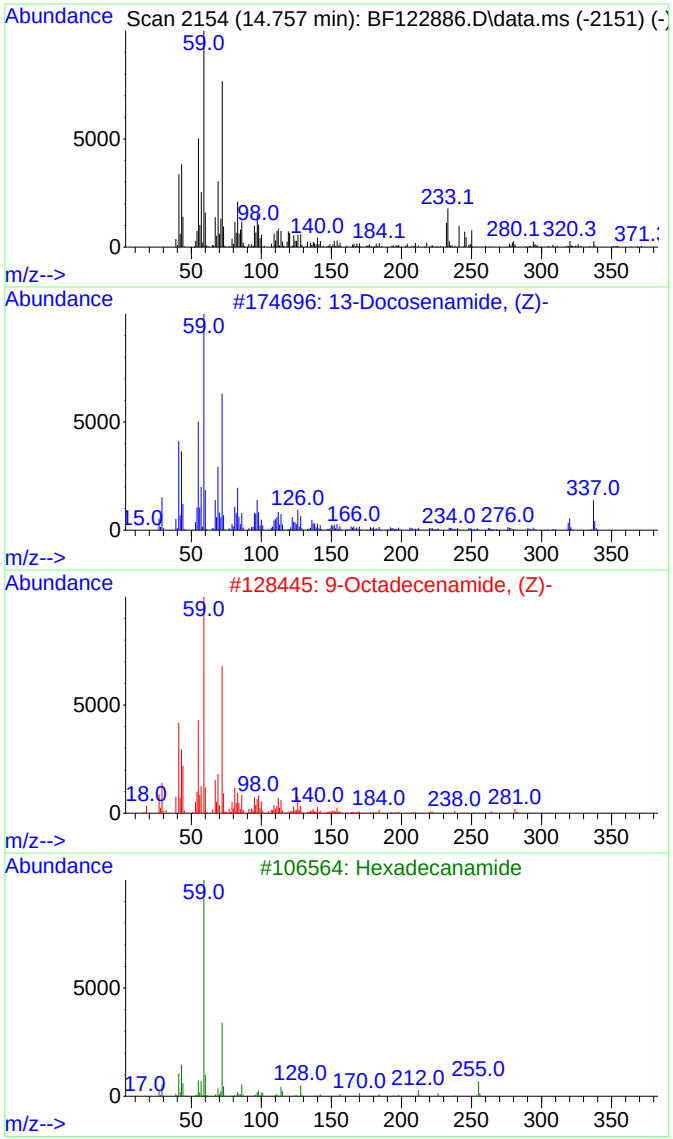
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

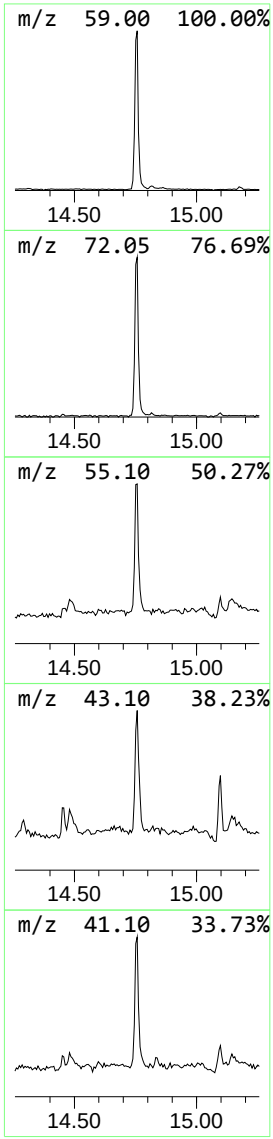
****

Peak Number 12 13-Docosenamide, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	15.93 ng	741483	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
3	Hexadecanamide	255	C16H33NO	000629-54-9	59
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53
5	Octadecanamide	283	C18H37NO	000124-26-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

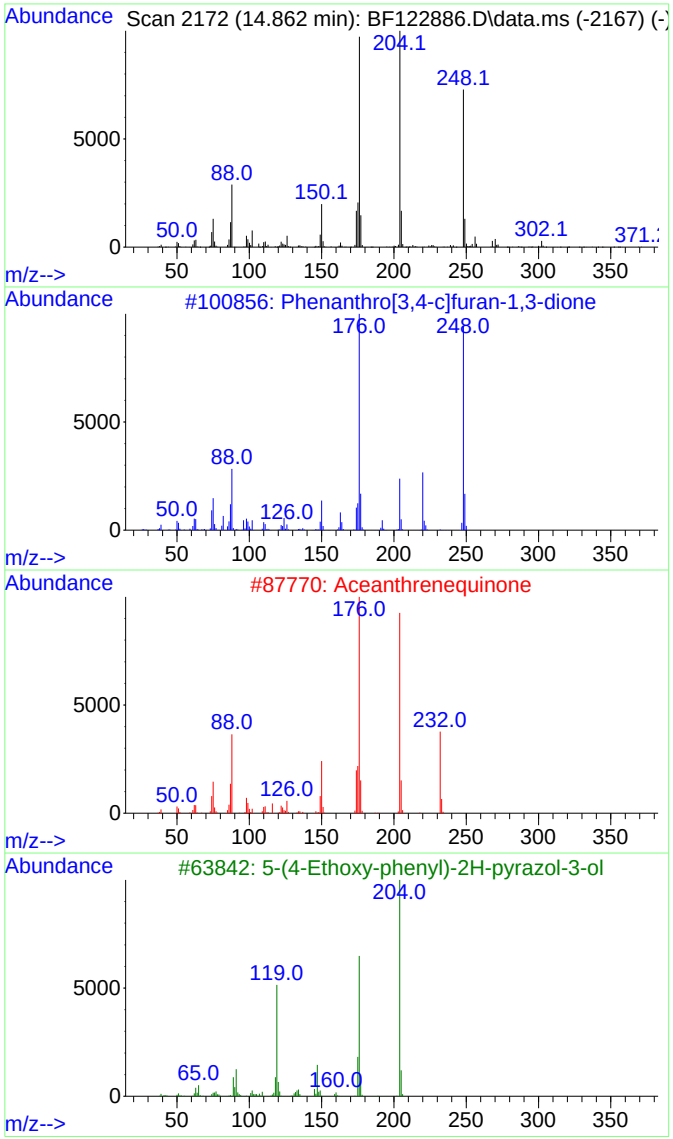
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

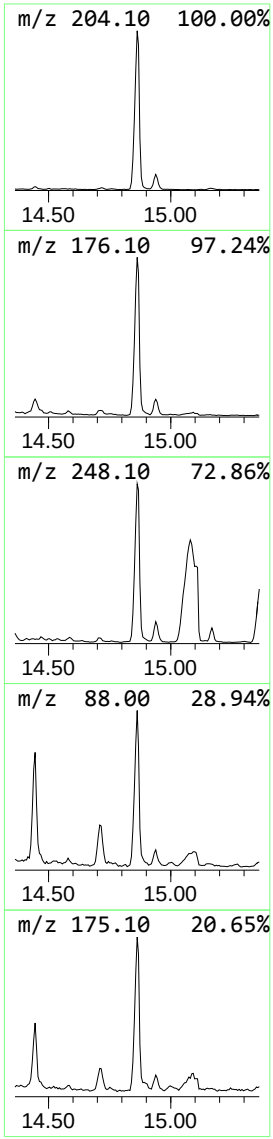
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthro[3,4-c]furan-1,3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.863	41.06 ng	1911240	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	64
2	Aceanthrenequinone	232	C16H8O2	006373-11-1	62
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	52
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

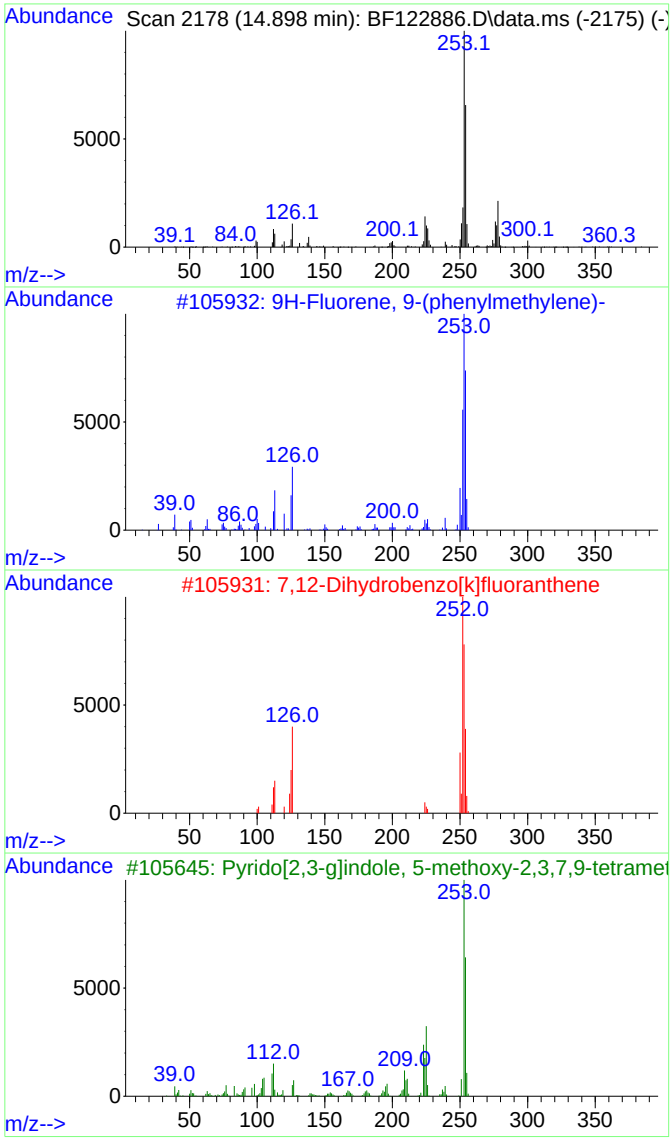
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

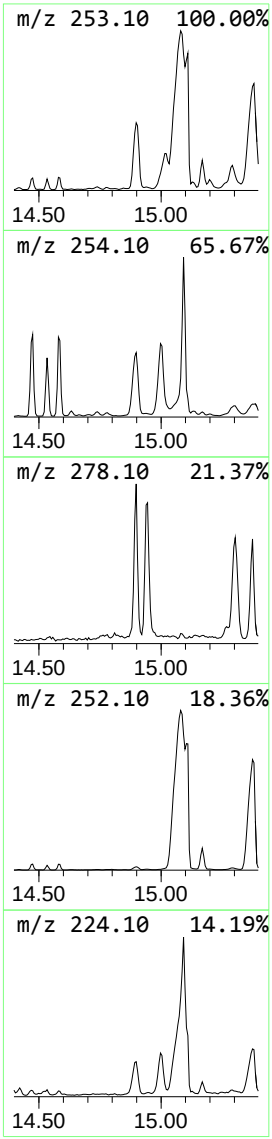
****

Peak Number 14 9H-Fluorene, 9-(phenylmethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	27.63 ng	1286450	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	58
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	53
3	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	53
4	Coumaran-6,7-diol-3-one, 2-benzy...	254	C15H10O4	029813-90-9	52
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

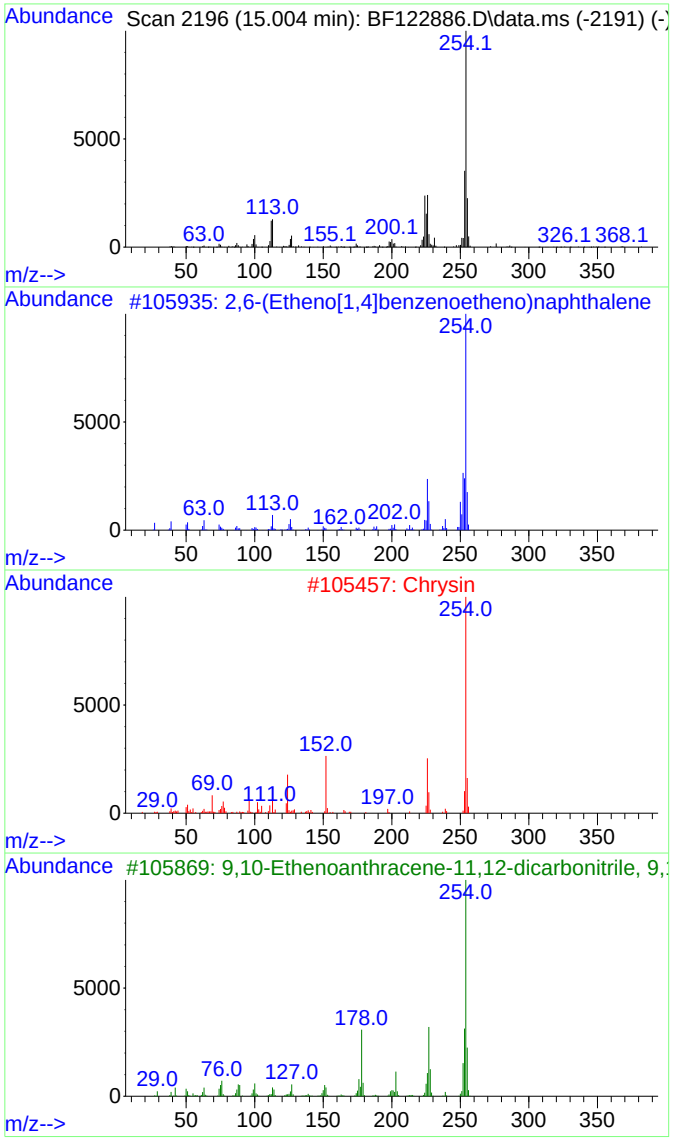
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

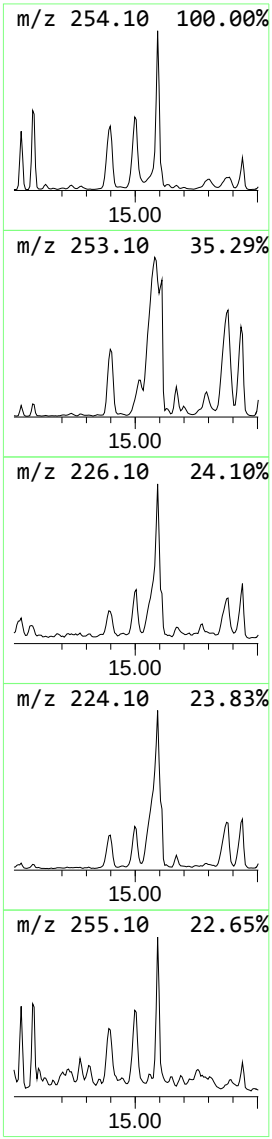
****

Peak Number 15 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	17.25 ng	803015	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	72
2	Chrysin	254	C15H10O4	000480-40-0	59
3	9,10-Ethenoanthracene-11,12-dica...	254	C18H10N2	019067-49-3	59
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
5	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

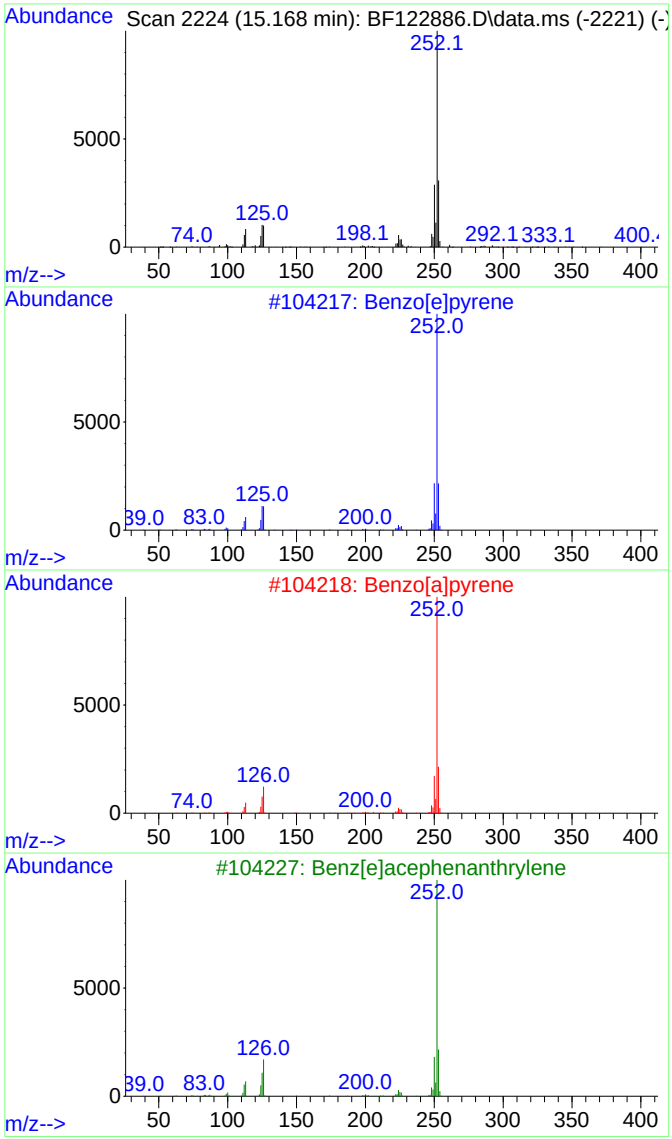
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

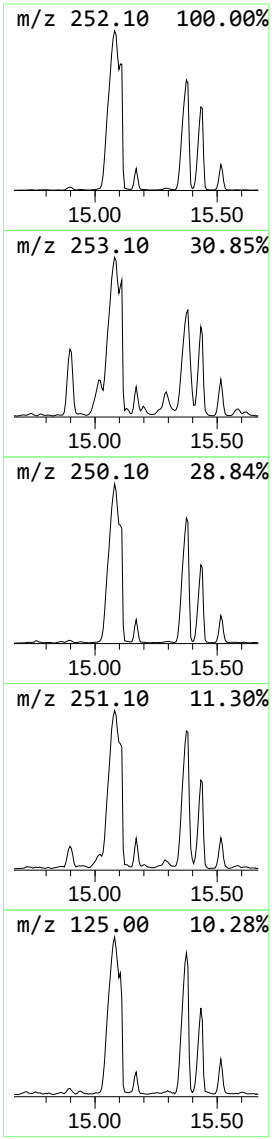
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.168	12.94 ng	602400	Perylene-d12	15.486

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	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

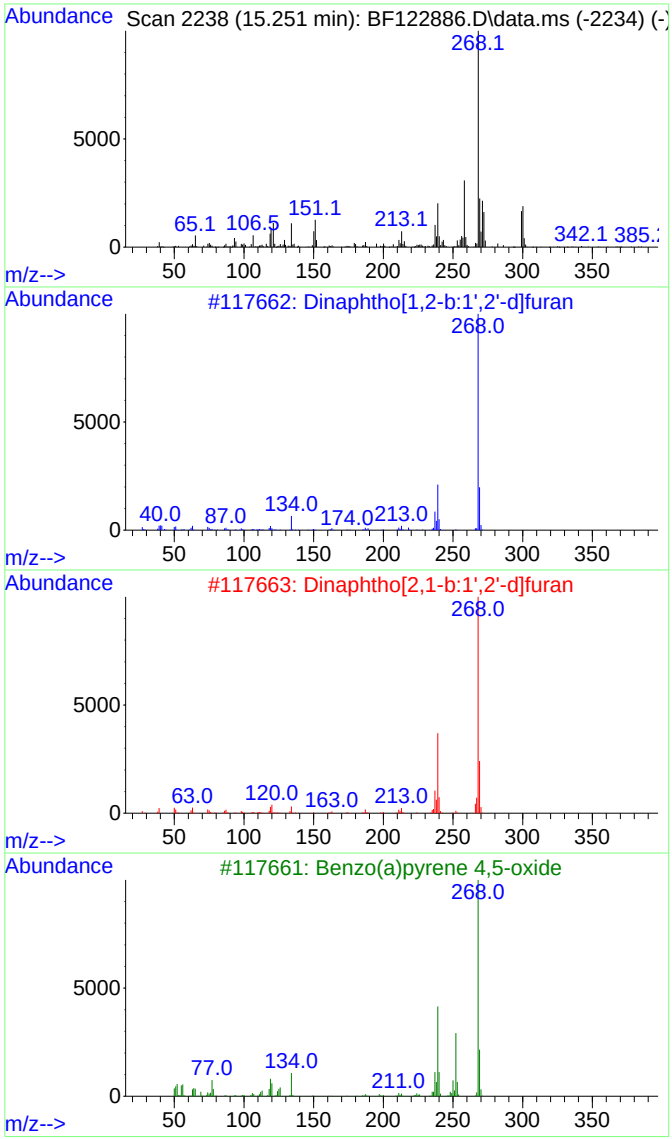
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

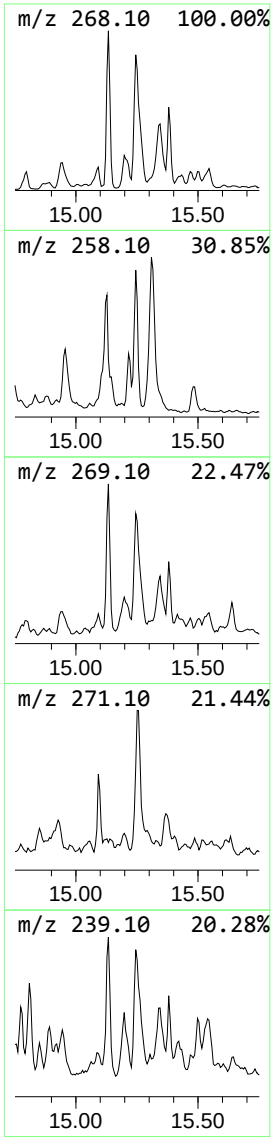
****

Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	25.53 ng	1188420	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	60
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	47
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	47
4	9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	43
5	9,10-Dihydro-8-methylbenzo[a]pyrene	268	C21H16	089524-72-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

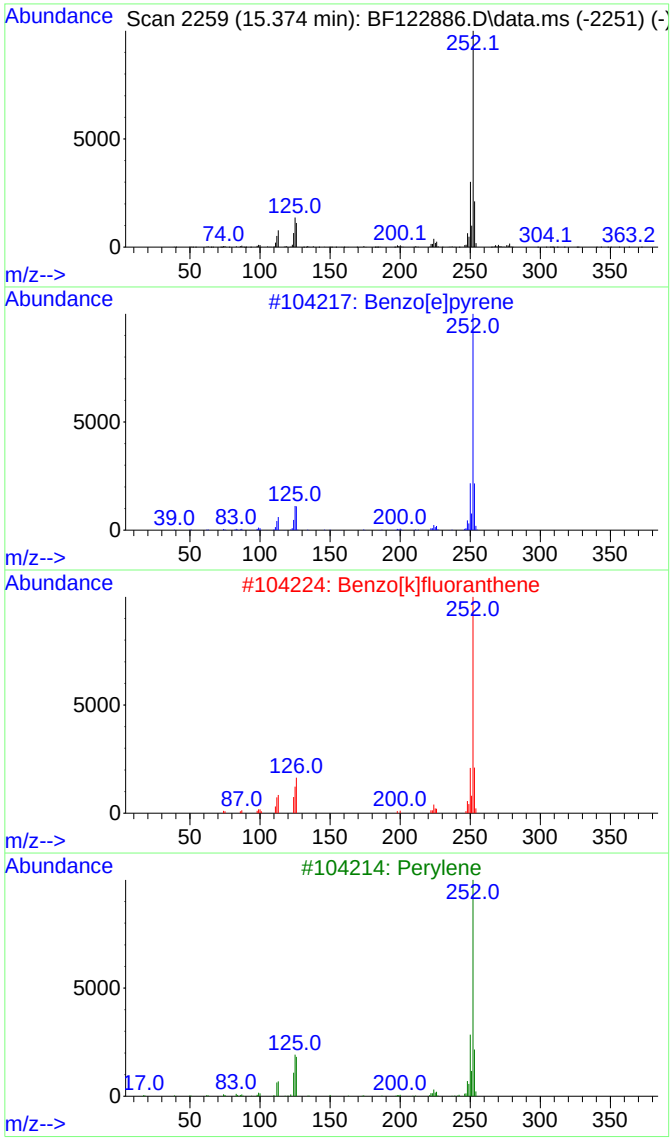
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

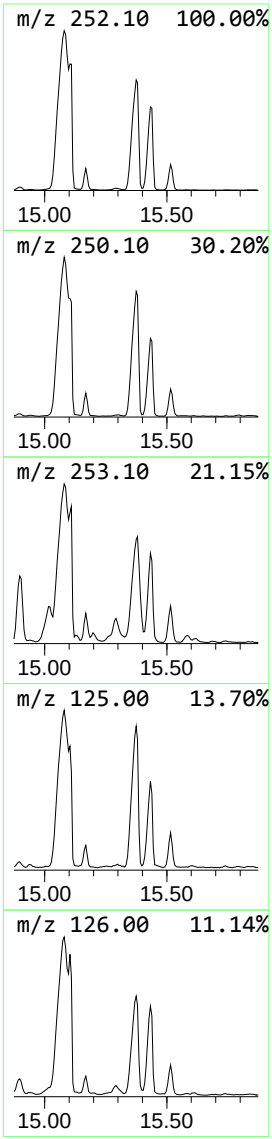
****

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	138.71 ng	6457290	Perylene-d12	15.486

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	97
3	Perylene	252	C20H12	000198-55-0	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

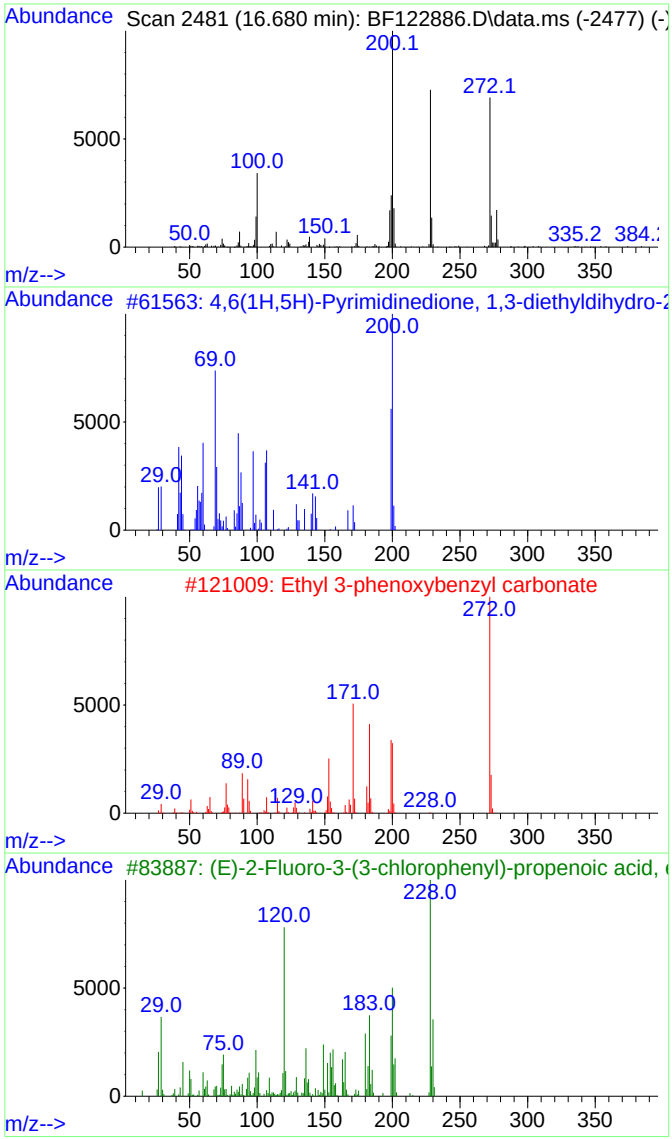
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

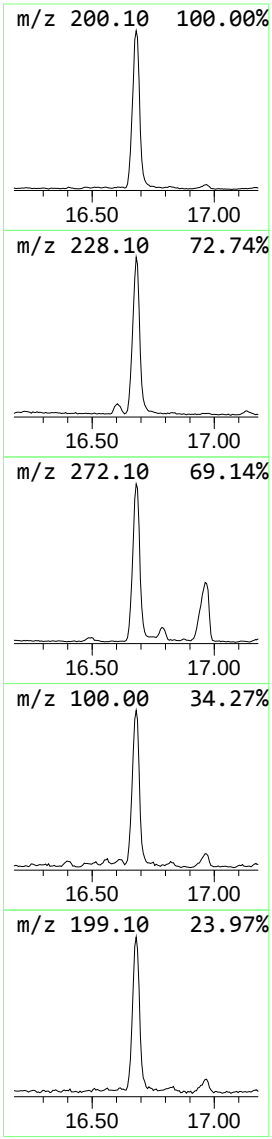
****

Peak Number 19 unknown16.680 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.680	14.82 ng	690002	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6(1H,5H)-Pyrimidinedione, 1,3-...	200	C8H12N2O2S	005217-47-0	27
2	Ethyl 3-phenoxybenzyl carbonate	272	C16H16O4	1000373-80-2	22
3	(E)-2-Fluoro-3-(3-chlorophenyl)-...	228	C11H10ClFO2	110915-34-9	22
4	2-Formylphenoxathin	228	C13H8O2S	037947-92-5	14
5	2-Aminocaprylic acid, N-propoxyc...	385	C22H43NO4	1000325-42-7	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

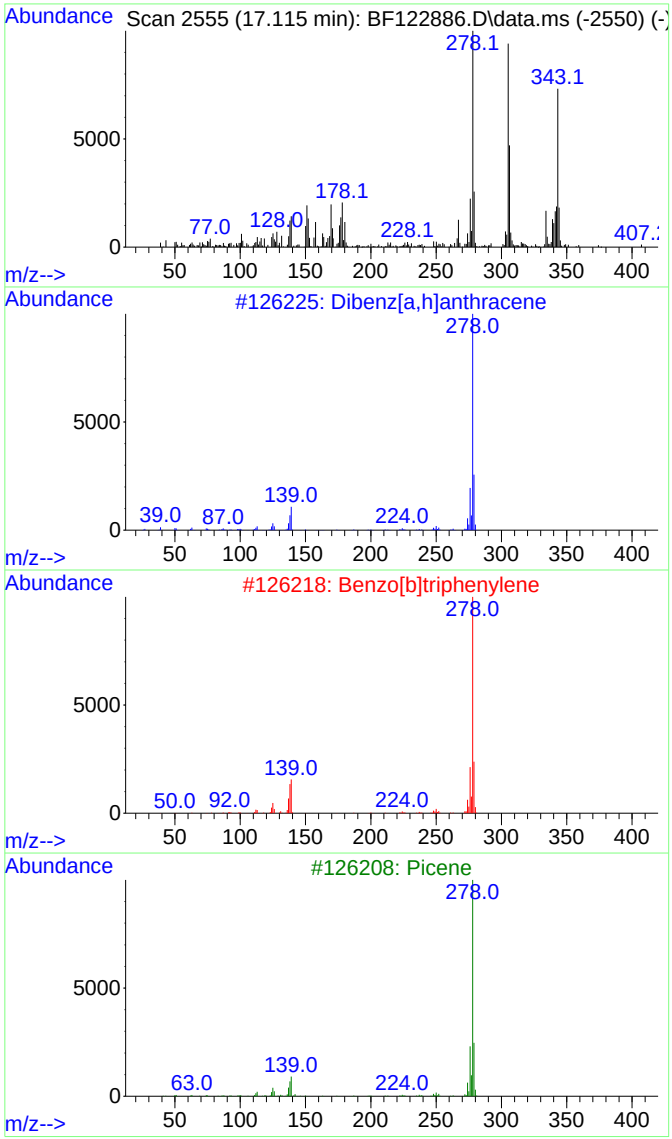
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

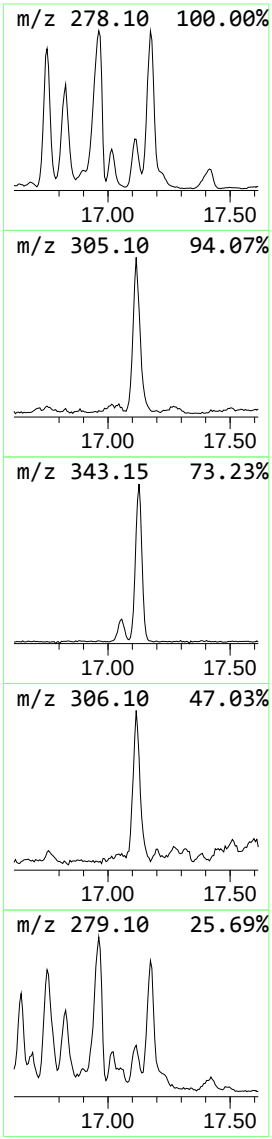
****

Peak Number 20 Benzo[b]triphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.115	15.77 ng	733910	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	59
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	56
3	Picene	278	C22H14	000213-46-7	55
4	Benzo[b]chrysene	278	C22H14	000214-17-5	46
5	Pentacene	278	C22H14	000135-48-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122886.D
Acq On : 30 Dec 2020 19:03
Operator : JU/CG
Sample : L5242-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7(434+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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
Anthracene, 2-m...	11.851	15.1	ng	626863	4	11.351	829951	20.0
Phenanthrene, 2...	11.880	25.6	ng	1062160	4	11.351	829951	20.0
4H-Cyclopenta[d...	11.963	33.4	ng	1384130	4	11.351	829951	20.0
Naphthalene, 2-...	12.145	24.9	ng	1032040	4	11.351	829951	20.0
9,10-Anthracene...	12.192	90.7	ng	3762850	4	11.351	829951	20.0
4b,8-Dimethyl-2...	12.292	11.9	ng	494913	4	11.351	829951	20.0
Naphthalic anhy...	12.457	19.7	ng	816706	4	11.351	829951	20.0
Cyclopenta(def)...	12.515	37.1	ng	1541800	4	11.351	829951	20.0
Benzene, 1,1'-(...	12.669	11.4	ng	472811	4	11.351	829951	20.0
Benzo[b]naphtho...	13.757	13.3	ng	3875350	5	14.010	5848010	20.0
Cyclopenta[cd]p...	13.810	11.2	ng	3275410	5	14.010	5848010	20.0
13-Docosenamide...	14.757	15.9	ng	741483	6	15.486	931037	20.0
Phenanthro[3,4-...	14.863	41.1	ng	1911240	6	15.486	931037	20.0
9H-Fluorene, 9-...	14.898	27.6	ng	1286450	6	15.486	931037	20.0
2,6-(Etheno[1,4...	15.004	17.3	ng	803015	6	15.486	931037	20.0
Benzo[e]pyrene	15.168	12.9	ng	602400	6	15.486	931037	20.0
Dinaphtho[1,2-b...	15.251	25.5	ng	1188420	6	15.486	931037	20.0
Perylene	15.374	138.7	ng	6457290	6	15.486	931037	20.0
unknown16.680	16.680	14.8	ng	690002	6	15.486	931037	20.0
Benzo[b]triphen...	17.115	15.8	ng	733910	6	15.486	931037	20.0