LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	17	24	34	rVB	1106499	1499993	33.65%	1.724%
2	5.557	586	590	593	rBV	4446895	3954570	88.71%	4.546%
3	6.534	752	756	782	rBV	4048422	4457808	100.00%	5.124%
4	6.892	814	817	832	rBV	1606736	1375845	30.86%	1.581%
5	7.451	908	912	924	rBV	2948184	2736922	61.40%	3.146%
6	8.163	1029	1033	1036	rBV	2073236	1748331	39.22%	2.010%
7	9.239	1212	1216	1227	rBV	4440336	4243968	95.20%	4.878%
8	9.780	1304	1308	1312	rBV	405459	347915	7.80%	0.400%
9	9.922	1328	1332	1335	rBV	2179067	1892018	42.44%	2.175%
10	10.239	1382	1386	1388	rBV2	143030	137692	3.09%	0.158%
11	10.327	1397	1401	1403	rBV2	118974	130499	2.93%	0.150%
12	10.716	1462	1467	1472	rBV	2514451	2446196	54.87%	2.812%
13	10.839	1485	1488	1494	rVB2	250711	275680	6.18%	0.317%
14	11.022	1515	1519	1522	rBV2	126553	174846	3.92%	0.201%
15	11.416	1582	1586	1588	rBV	1925509	1689207	37.89%	1.942%
16	11.439	1588	1590	1594	rVV	1241326	942419	21.14%	1.083%
17	11.527	1602	1605	1608	rBV3	128828	173292	3.89%	0.199%
18	11.716	1635	1637	1641	rBV3	170374	153869	3.45%	0.177%
19	11.751	1641	1643	1648	rVB2	144907	150903	3.39%	0.173%
20	11.921	1669	1672	1674	rBV	1118039	915016	20.53%	1.052%
21	11.951	1674	1677	1682	rVV	1292217	1180203	26.47%	1.357%
22	11.998	1682	1685	1687	rVV	155276	145146	3.26%	0.167%
23	12.033	1687	1691	1693	rVV	1089272	1159411	26.01%	1.333%
24	12.057	1693	1695	1701	rVB	763749	645289	14.48%	0.742%
25	12.221	1720	1723	1725	rVV2	262264	271996	6.10%	0.313%
26	12.251	1725	1728	1733	rVB2	187916	251765	5.65%	0.289%
27	12.369	1746	1748	1751	rVV	591444	548449	12.30%	0.630%
28	12.404	1751	1754	1756	rVV	1119268	992960	22.27%	1.141%
29	12.427	1756	1758	1761	rVB	766816	578093	12.97%	0.664%
30	12.480	1763	1767	1769	rVV	1941561	1910226	42.85%	2.196%
31	12.510	1769	1772	1775	rVV2	1060263	1403035	31.47%	1.613%
32	12.533	1775	1776	1778	rVV	647626	393714	8.83%	0.453%
33	12.563	1778	1781	1785	rVV2	815378	914425	20.51%	1.051%
34	12.639	1790	1794	1799	rBV	2080720	1809097	40.58%	2.079%
35	12.686	1799	1802	1803	rBV	192174	166985	3.75%	0.192%
36	12.704	1803	1805	1808	rVV2	212260	208817	4.68%	0.240%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.733	1808	1810	1813	rVB	236878	181007	4.06%	0.208%
38	12.821	1823	1825	1828	rVB	179811	156584	3.51%	0.180%
39	12.868	1828	1833	1835	rBV	2872433	2797710	62.76%	3.216%
40	12.892	1835	1837	1840	rVB	1059965	1002283	22.48%	1.152%
41	12.933	1840	1844	1847	rVB	1192179	1292430	28.99%	1.486%
42	12.980	1847	1852	1855	rBV2	532389	869399	19.50%	0.999%
43	13.021	1855	1859	1866	rVB	3226264	3733992	83.76%	4.292%
44	13.092	1867	1871	1878	rBV2	830174	1411806	31.67%	1.623%
45	13.145	1878	1880	1883	rBV2	218103	215630	4.84%	0.248%
46	13.180	1883	1886	1888	rBV2	633773	858817	19.27%	0.987%
47	13.268	1893	1901	1904	rBV5	362188	636279	14.27%	0.731%
48	13.310	1904	1908	1912	rVB	1532309	1444217	32.40%	1.660%
49	13.351	1912	1915	1919	rBV2	152718	160712	3.61%	0.185%
50	13.398	1920	1923	1926	rBV	1335891	1134431	25.45%	1.304%
51	13.433	1926	1929	1932	rVB	1068239	1015028	22.77%	1.167%
52	13.468	1932	1935	1938	rVB	584460	552539	12.39%	0.635%
53	13.521	1940	1944	1947	rBV	255059	281822	6.32%	0.324%
54	13.580	1951	1954	1956	rBV4	106955	133891	3.00%	0.154%
55	13.610	1956	1959	1965	rVB3	339878	548823	12.31%	0.631%
56	13.692	1970	1973	1974	rBV2	169263	152321	3.42%	0.175%
57	13.715	1974	1977	1982	rVB	880170	911953	20.46%	1.048%
58	13.774	1984	1987	1990	rVB	708320	655258	14.70%	0.753%
59	13.815	1990	1994	1996	rBV	745271	863411	19.37%	0.992%
60	13.839	1996	1998	2000	rVV	480611	408735	9.17%	0.470%
61	13.857	2000	2001	2003	rVB	334060	159281	3.57%	0.183%
62	13.898	2003	2008	2011	rBV3	296066	522264	11.72%	0.600%
63	13.927	2011	2013	2017	rBV2	599935	709328	15.91%	0.815%
64	14.021	2026	2029	2031	rVB	176848	169136	3.79%	0.194%
65	14.074	2031	2038	2042	rBV2	2246399	3559018	79.84%	4.091%
66	14.110	2042	2044	2051	rVB	1551852	1447234	32.47%	1.664%
67	14.168	2051	2054	2059	rVB2	461845	499389	11.20%	0.574%
68	14.227	2059	2064	2066	rBV	420430	521436	11.70%	0.599%
69	14.315	2077	2079	2081	rBV	182215	143543	3.22%	0.165%
70	14.368	2086	2088	2091	rVB	245356	191740	4.30%	0.220%
71	14.398	2091	2093	2097	rBV3	216943	249504	5.60%	0.287%
72	14.439	2097	2100	2101	rBV	402947	396529	8.90%	0.456%
73	14.474	2101	2106	2109	rVV	1231672	1425272	31.97%	1.638%
74	14.510	2109	2112	2115	rVB	682792	630698	14.15%	0.725%
75	14.545	2115	2118	2120	rBV2	233678	253764	5.69%	0.292%
76	14.568	2120	2122	2124	rVB2	319110	242542	5.44%	0.279%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.598	2124	2127	2130	rBV2	505376	522027	11.71%	0.600%
78	14.827	2162	2166	2172	rVB3	377703	729679	16.37%	0.839%
79	14.886	2172	2176	2178	rBV	302797	379450	8.51%	0.436%
80	14.921	2179	2182	2186	rVB	438153	550168	12.34%	0.632%
81	14.962	2186	2189	2190	rBV	188774	179460	4.03%	0.206%
82	14.998	2193	2195	2199	rVB2	185654	207851	4.66%	0.239%
83	15.062	2204	2206	2217	rVB3	231012	392847	8.81%	0.452%
84	15.168	2218	2224	2227	rBV	1002726	1633619	36.65%	1.878%
85	15.280	2239	2243	2248	rVB	275568	334650	7.51%	0.385%
86	15.398	2260	2263	2268	rBV3	68204	135484	3.04%	0.156%
87	15.492	2275	2279	2286	rVB	840533	1155996	25.93%	1.329%
88	15.562	2286	2291	2297	rBV	1170747	1592323	35.72%	1.830%
89	15.633	2298	2303	2306	rBV	909337	1260468	28.28%	1.449%
90	15.668	2306	2309	2311	rVV	141014	158934	3.57%	0.183%
91	15.980	2358	2362	2366	rBV	201379	264965	5.94%	0.305%
92	16.021	2366	2369	2375	rVB	232918	324800	7.29%	0.373%
93	16.104	2378	2383	2389	rBV3	185910	372593	8.36%	0.428%
94	16.162	2389	2393	2396	rBV	138655	229472	5.15%	0.264%
95	16.245	2404	2407	2412	rVB4	119190	174953	3.92%	0.201%
96	17.068	2540	2547	2558	rVB4	77298	217743	4.88%	0.250%
97	17.245	2572	2577	2589	rVB2	263174	636064	14.27%	0.731%
98	17.456	2608	2613	2618	rBV	68701	130764	2.93%	0.150%
99	17.739	2654	2661	2673	rVB	281594	665380	14.93%	0.765%
100	18.609	2805	2809	2820	rVB4	70661	182733	4.10%	0.210%

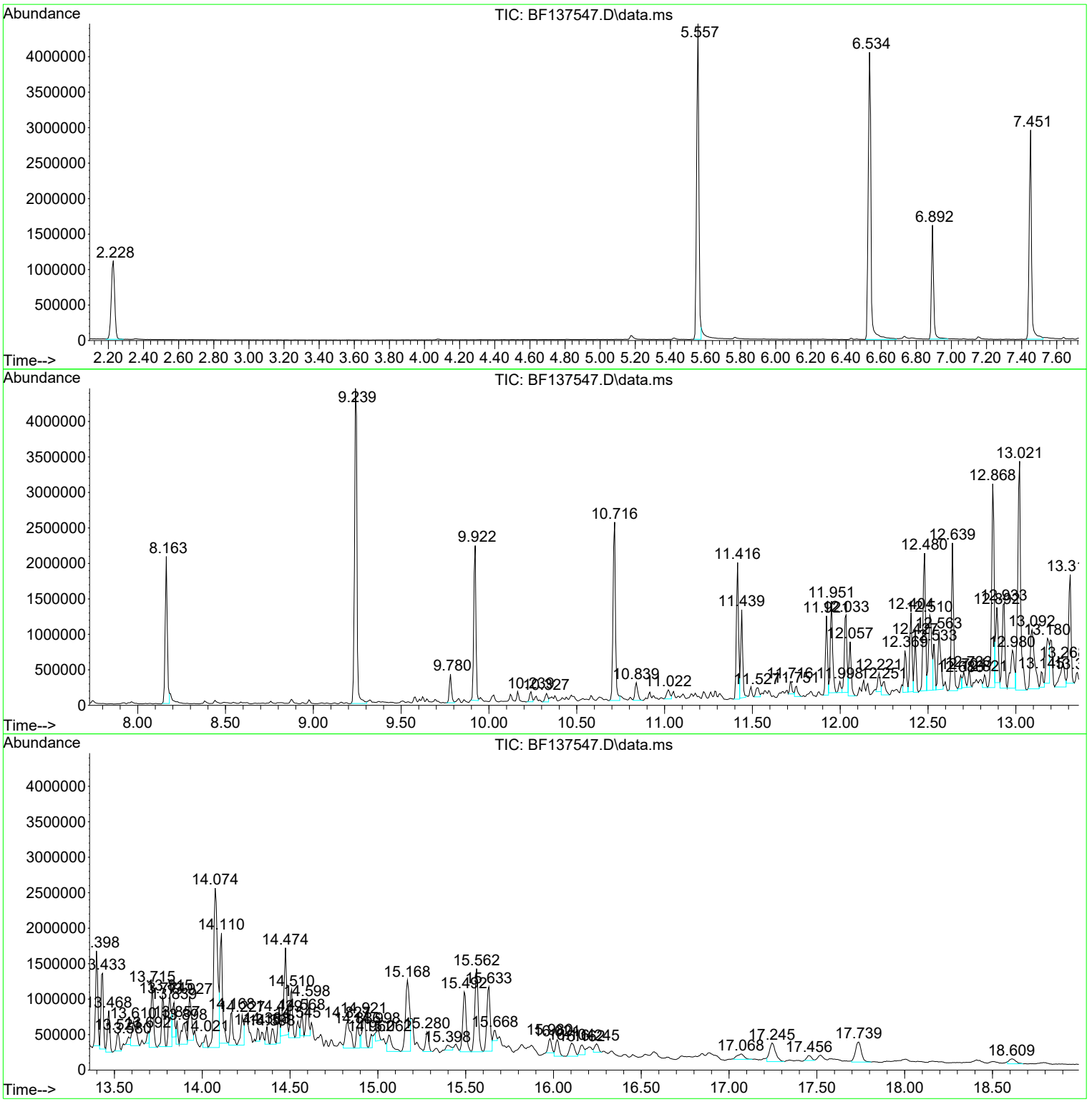
Sum of corrected areas: 86998779

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

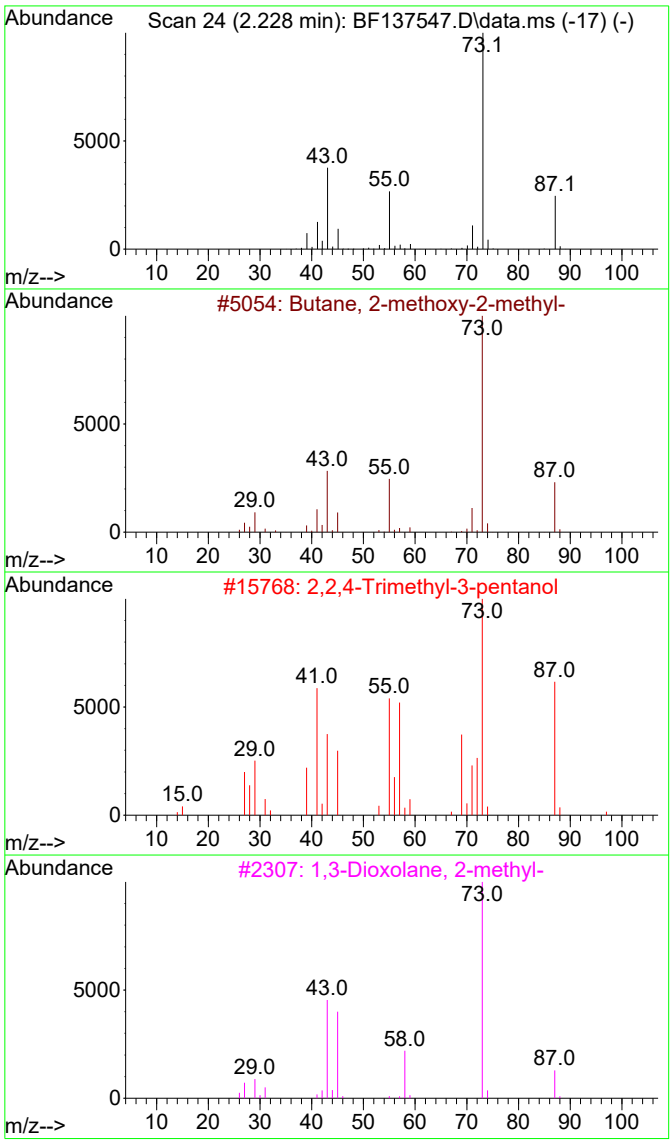
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

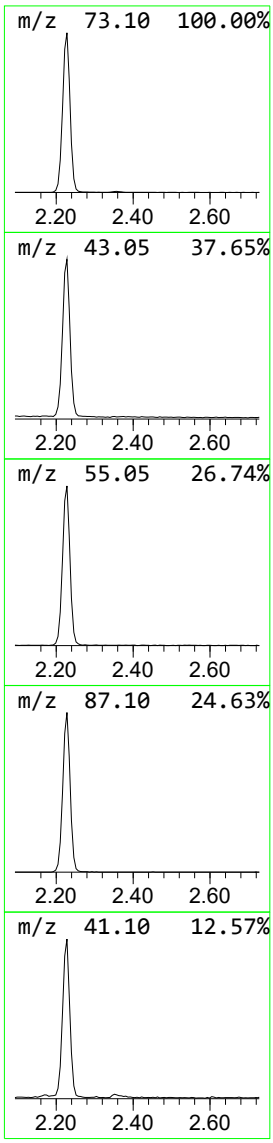
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.228	21.80 ng	1499990	1,4-Dichlorobenzene-d4	6.892

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	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

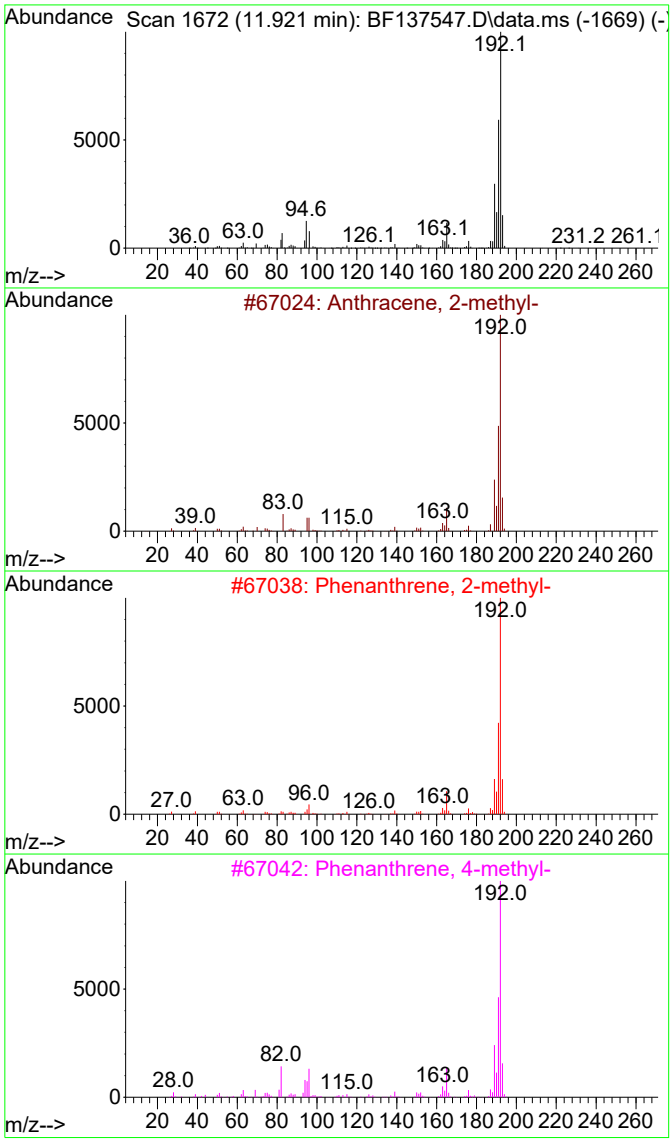
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

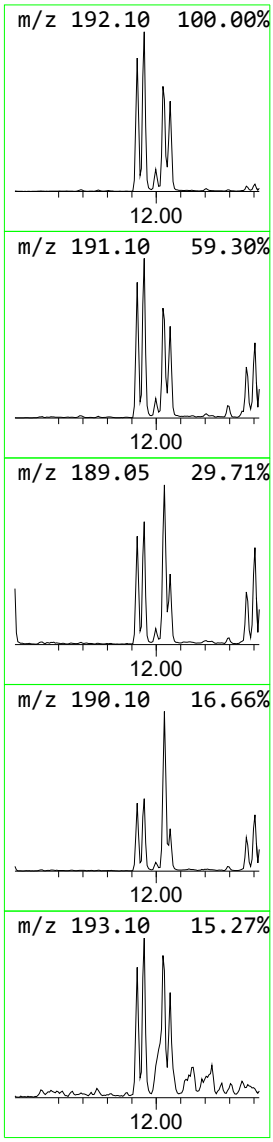
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	10.83 ng	915016	Phenanthrene-d10	11.416

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	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

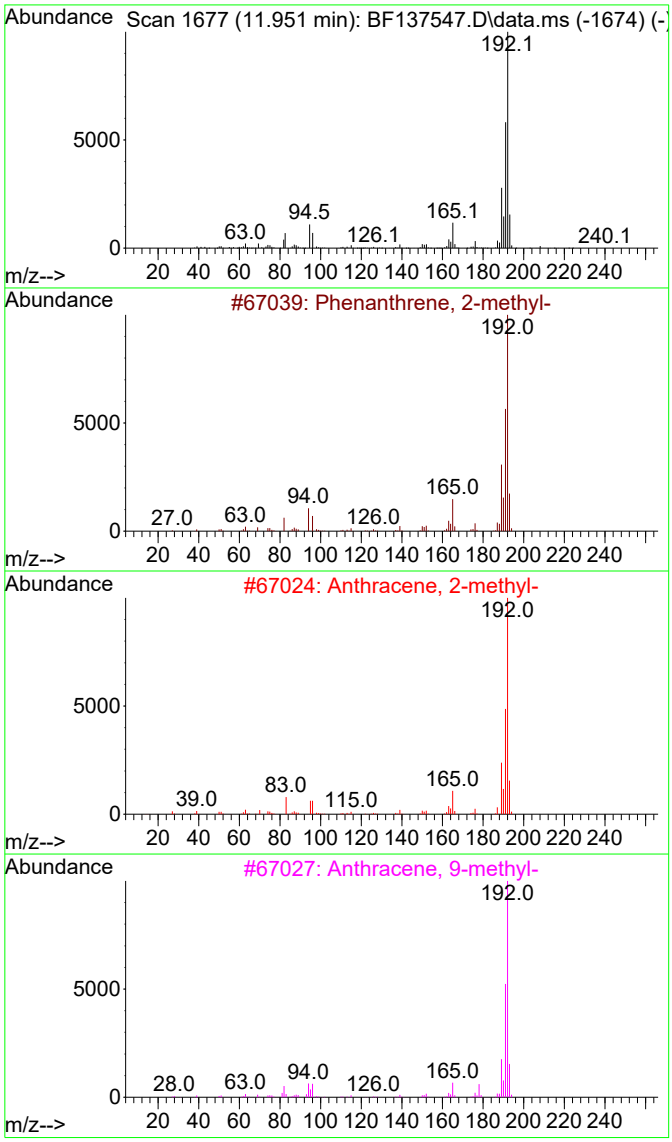
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

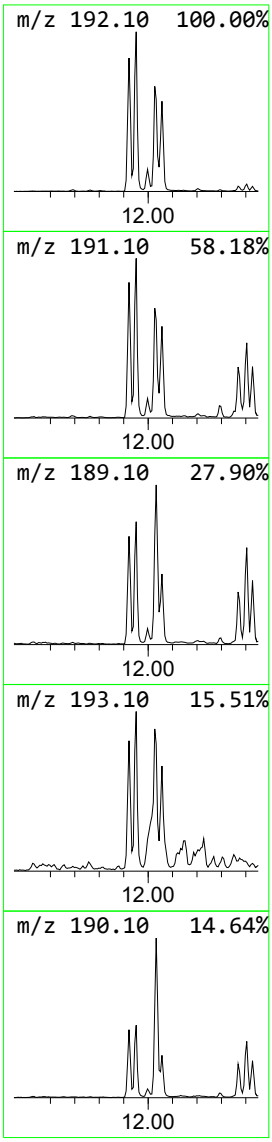
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	13.97 ng	1180200	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

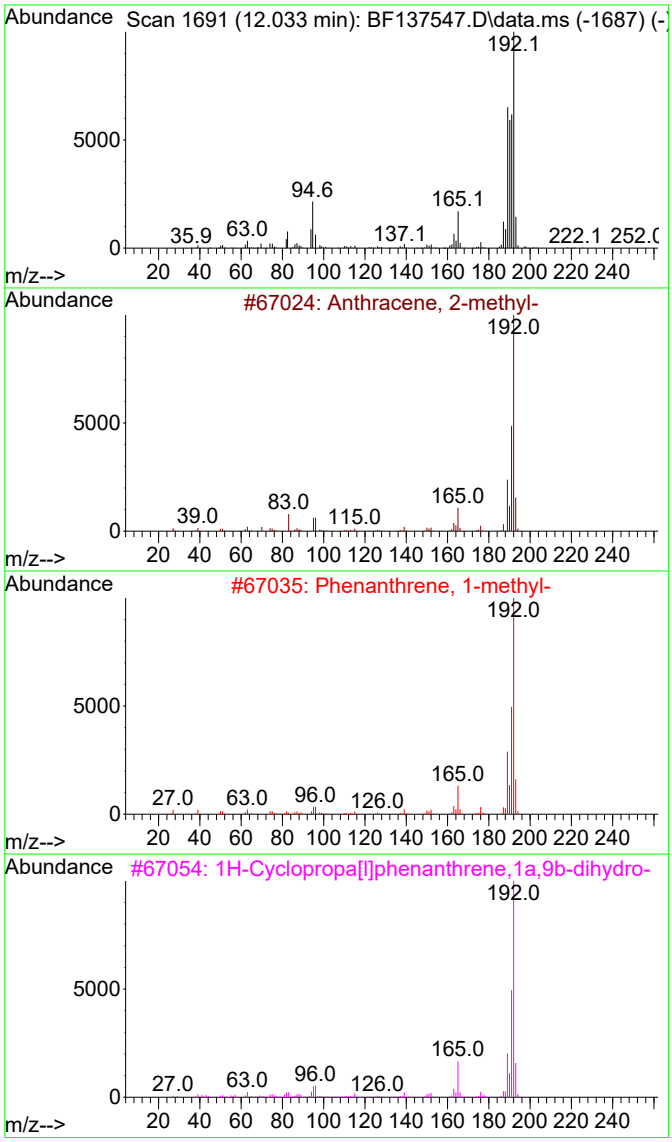
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

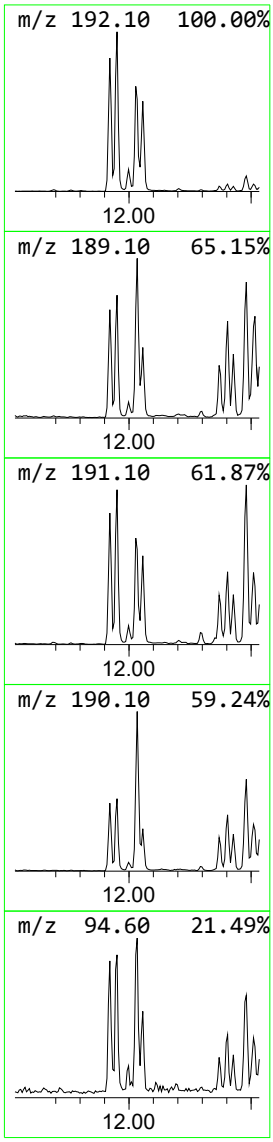
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	13.73 ng	1159410	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

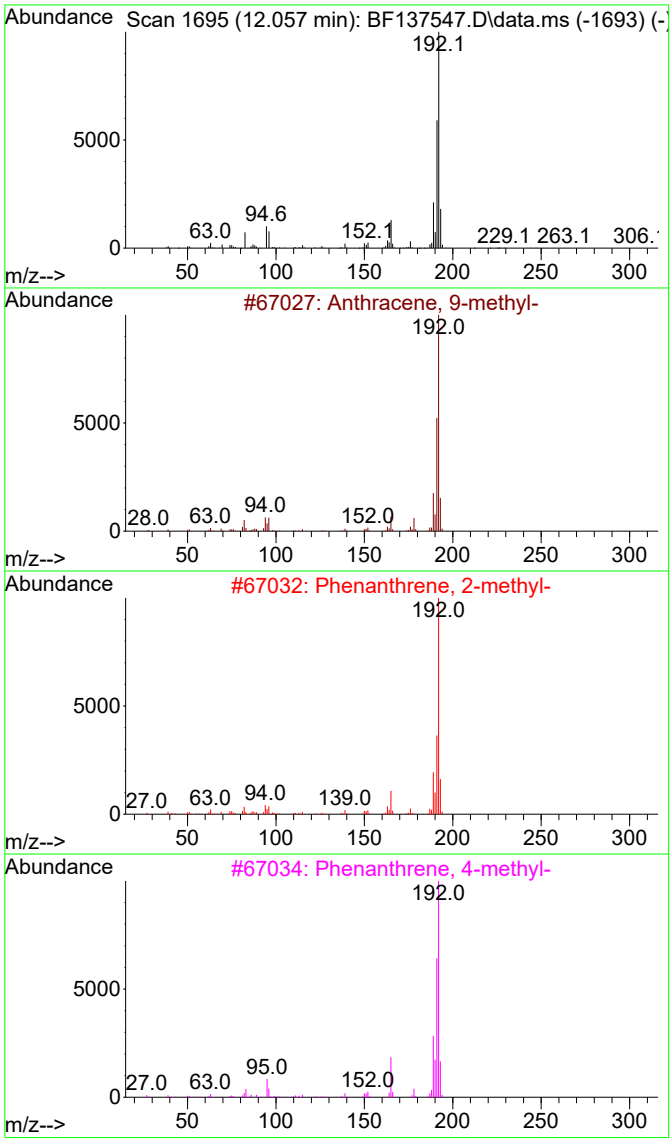
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

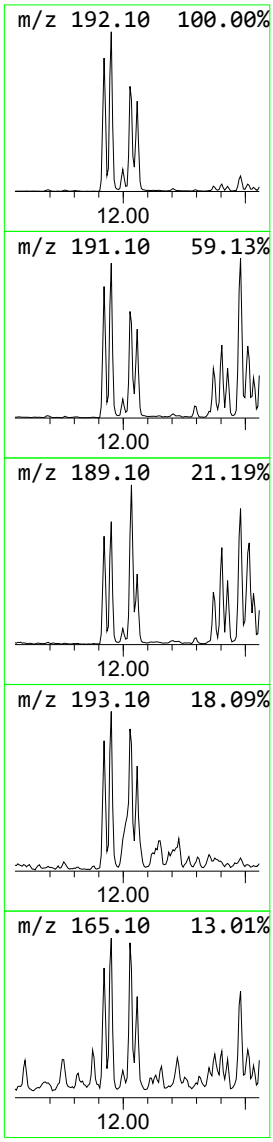
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	7.64 ng	645289	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

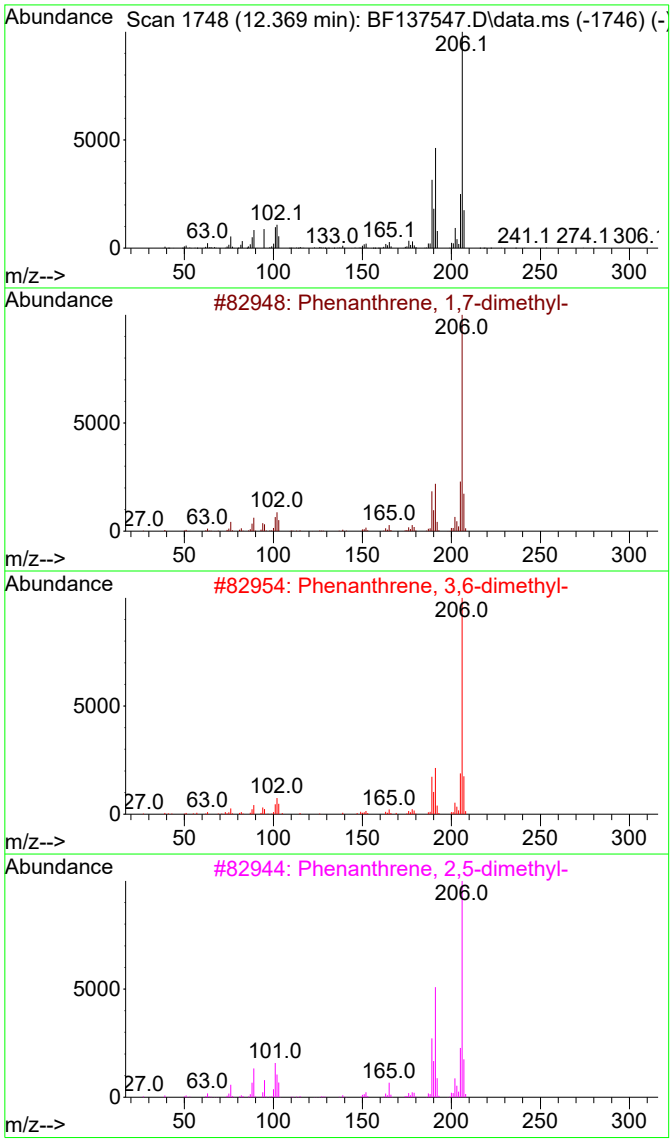
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

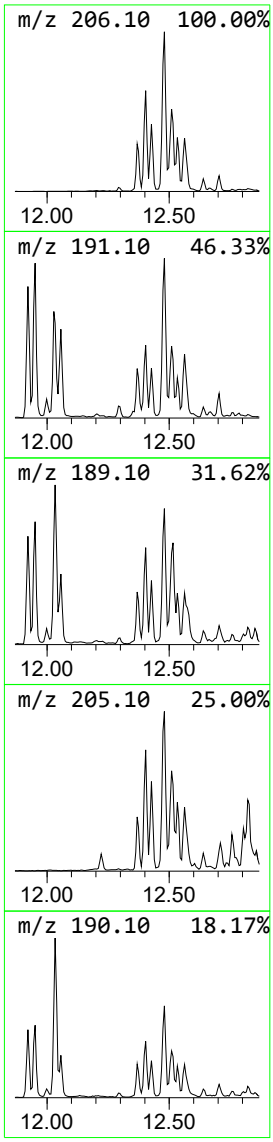
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	6.49 ng	548449	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

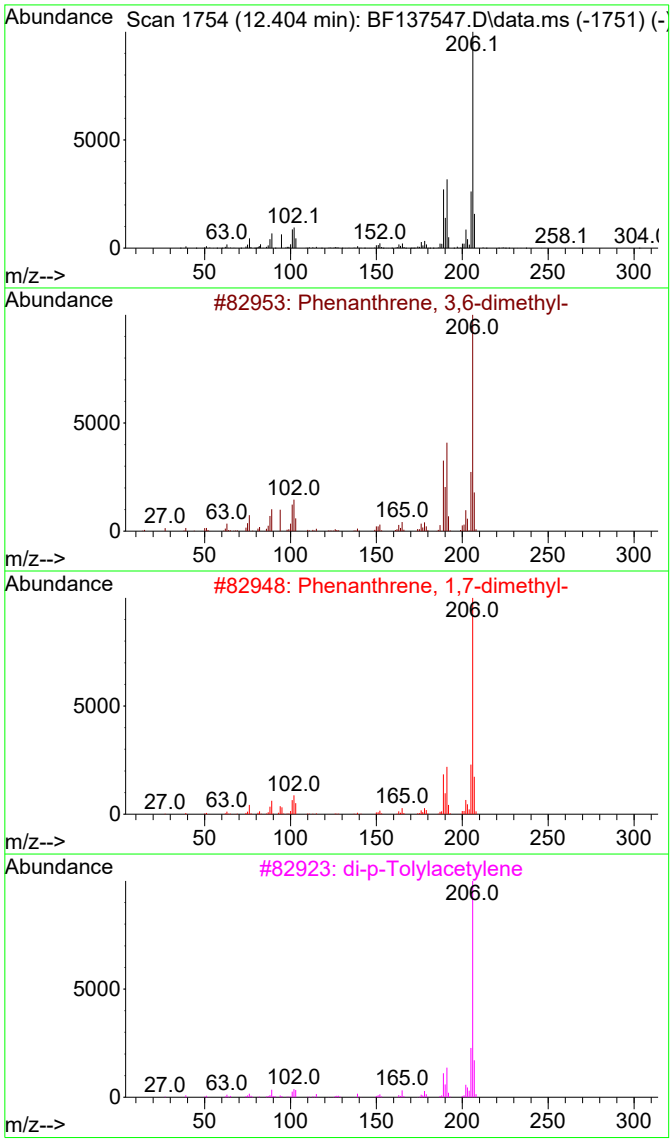
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

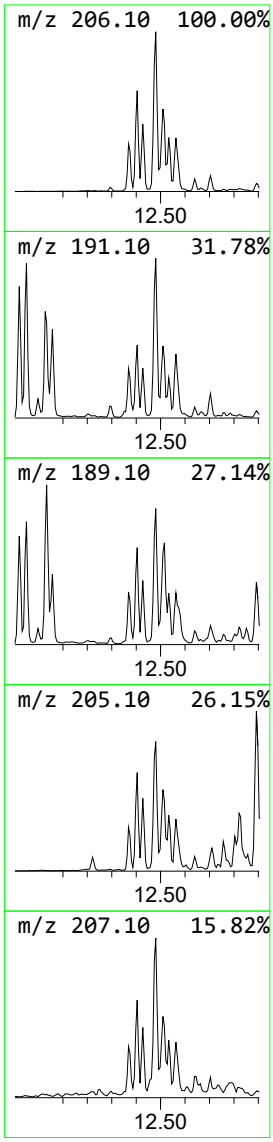
****

Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	11.76 ng	992960	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

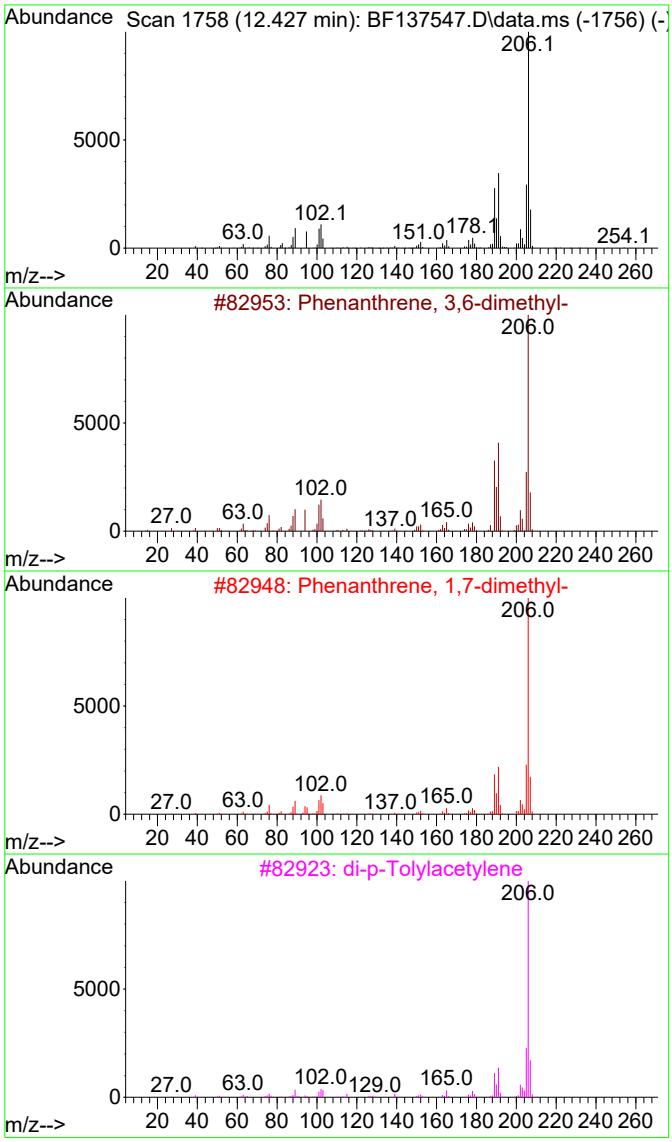
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

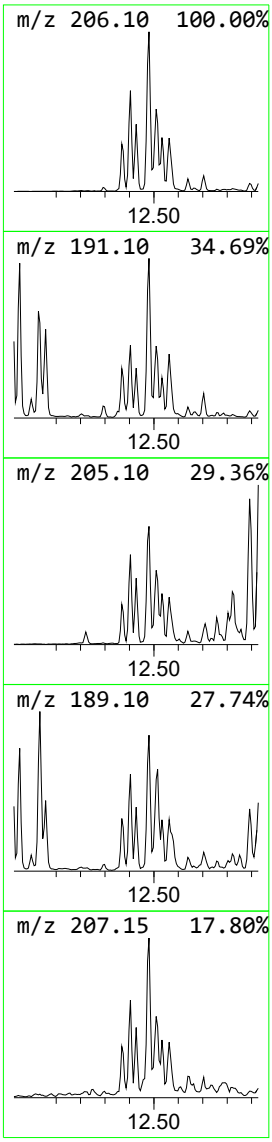
****

Peak Number 8 di-p-Tolylacetylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	6.84 ng	578093	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

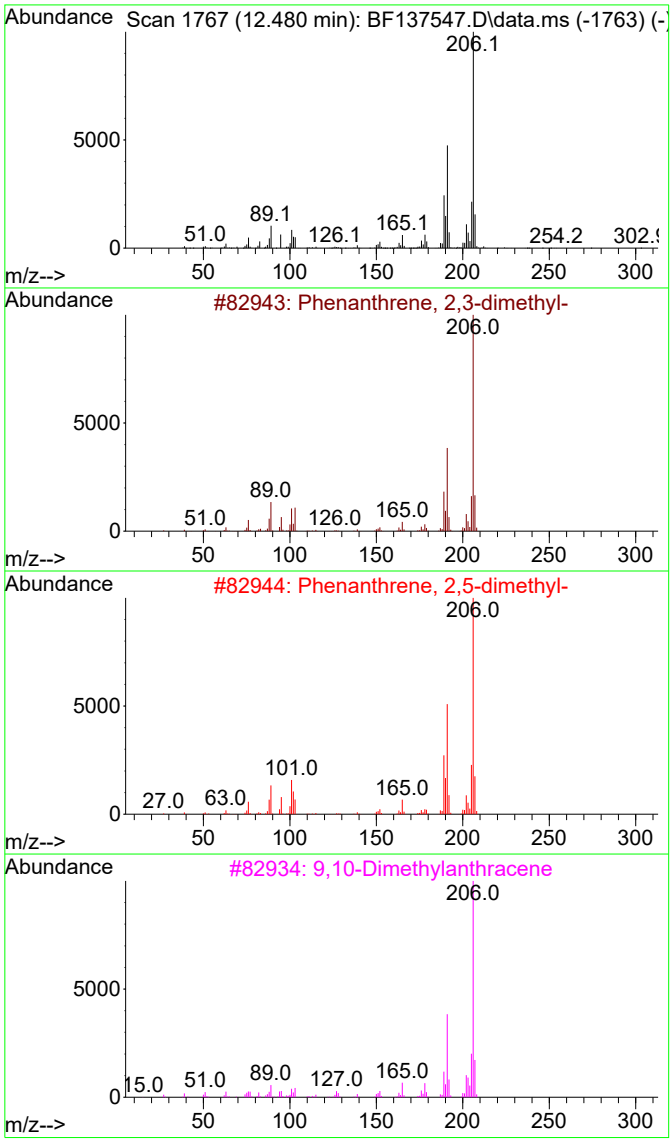
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

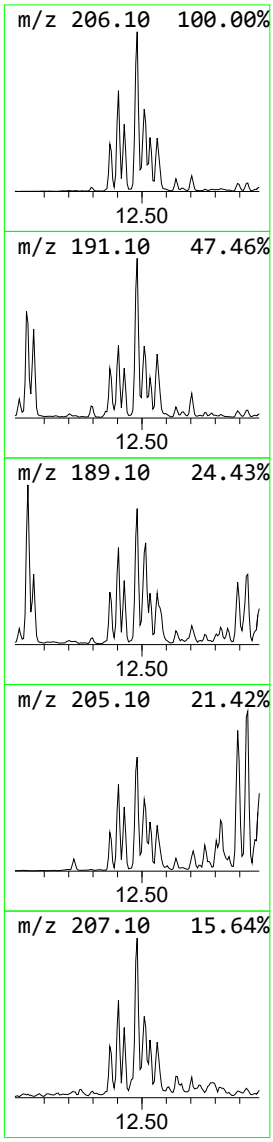
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	22.62 ng	1910230	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

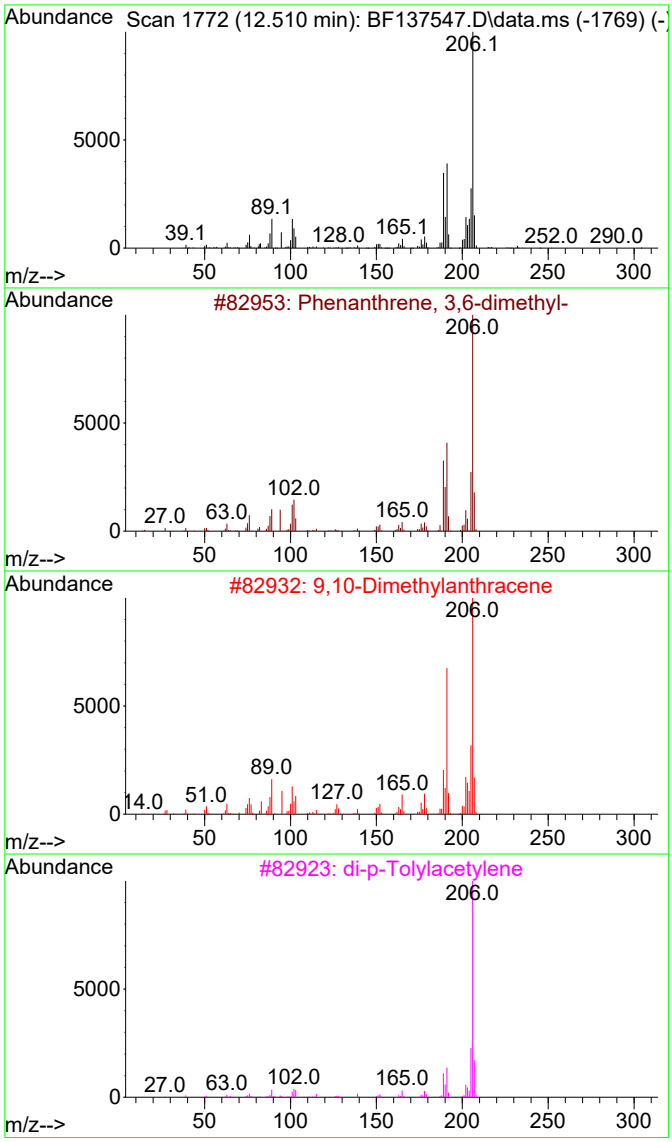
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

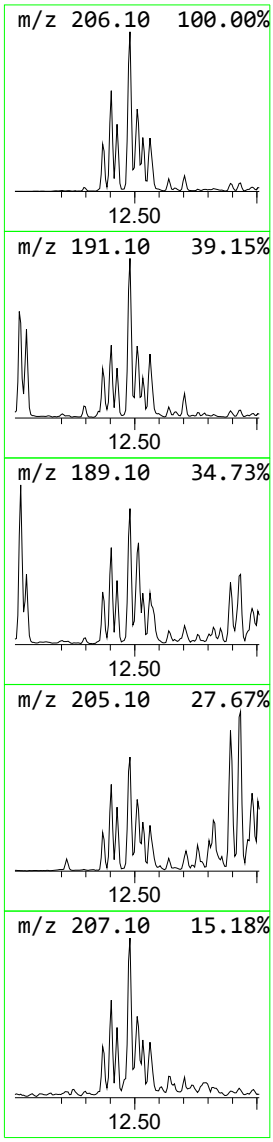
****

Peak Number 10 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	16.61 ng	1403040	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

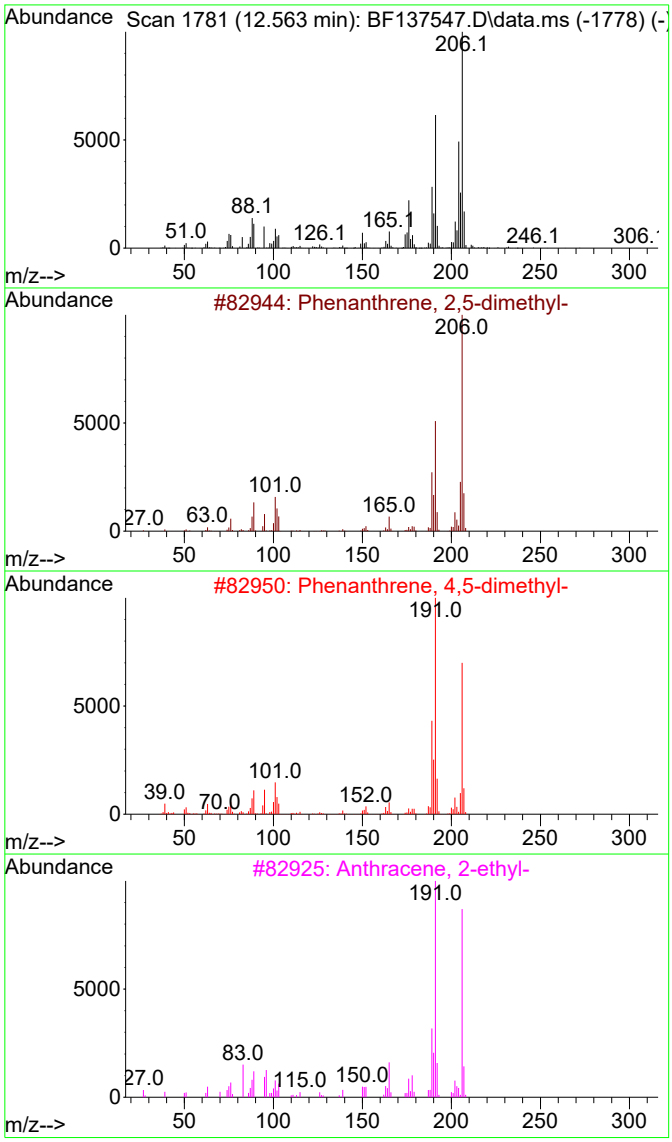
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

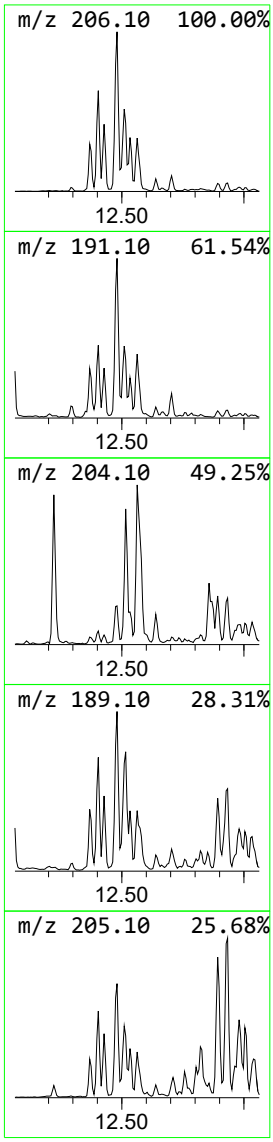
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	10.83 ng	914425	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

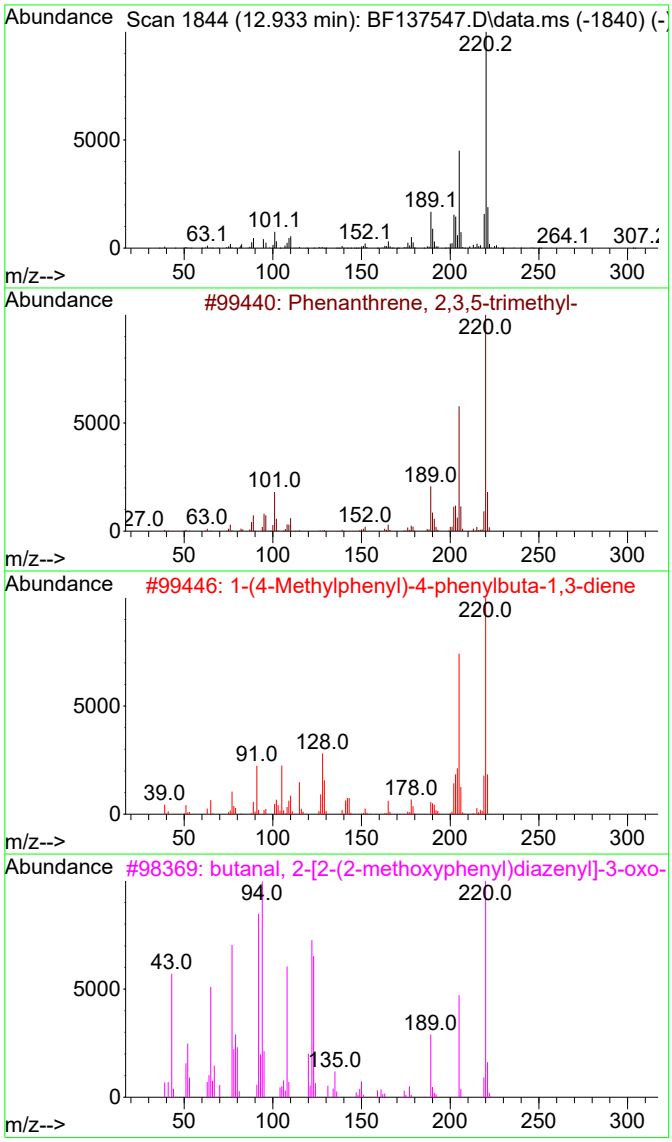
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

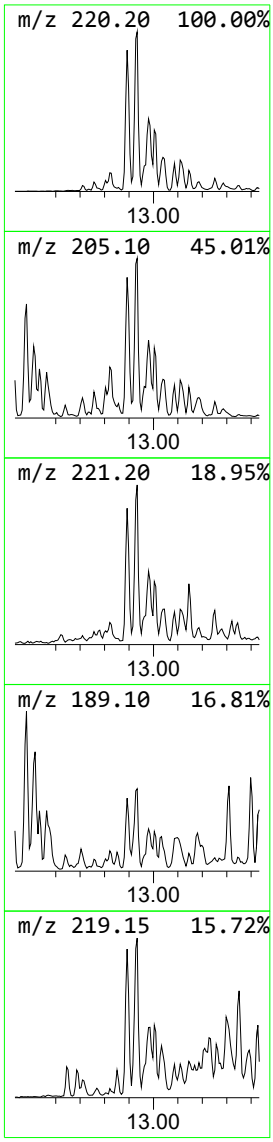
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.933	7.26 ng	1292430	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	91
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	78
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	72
4	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	72
5	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

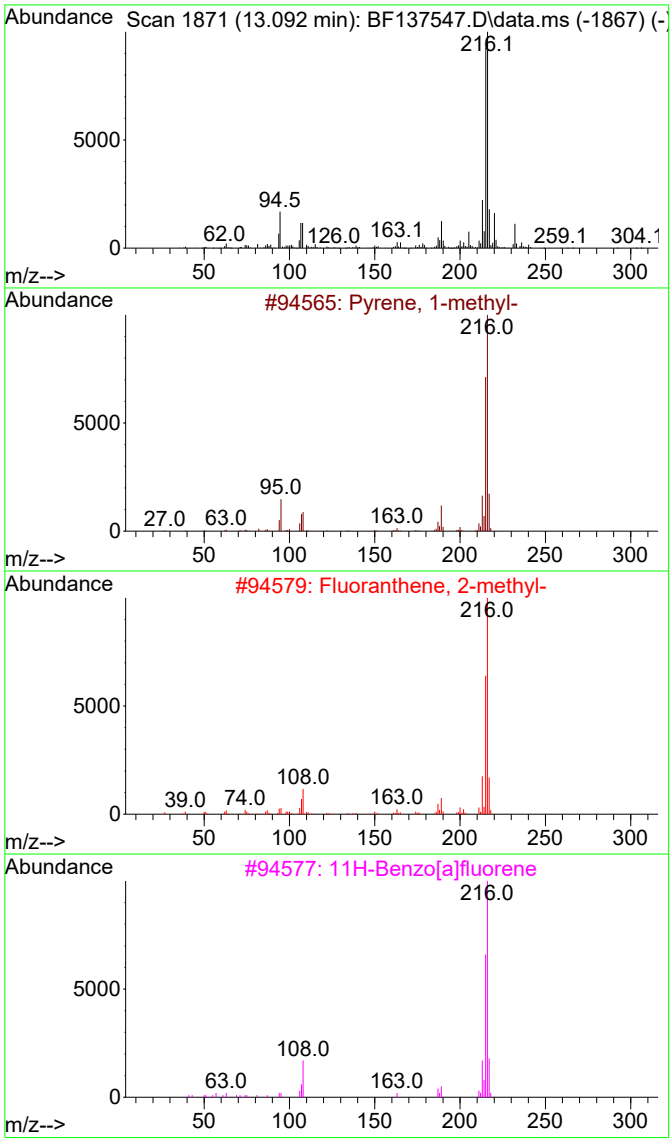
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

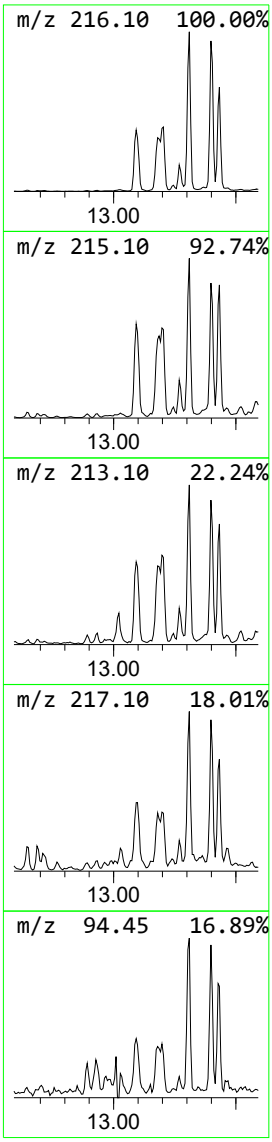
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	7.93 ng	1411810	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

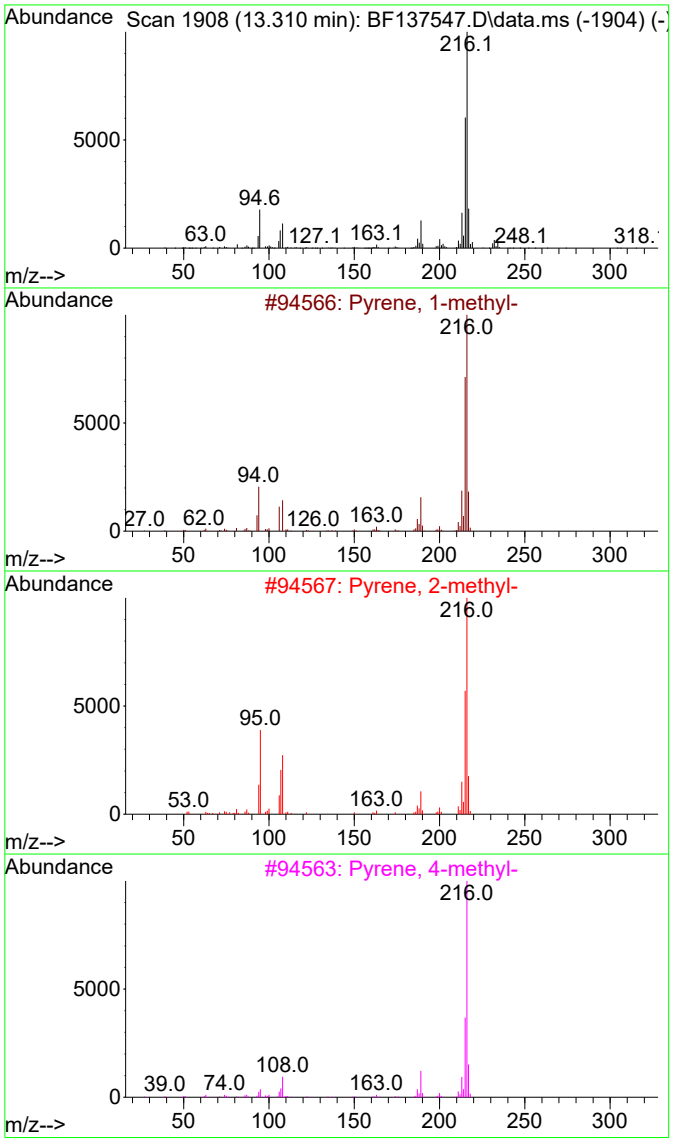
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

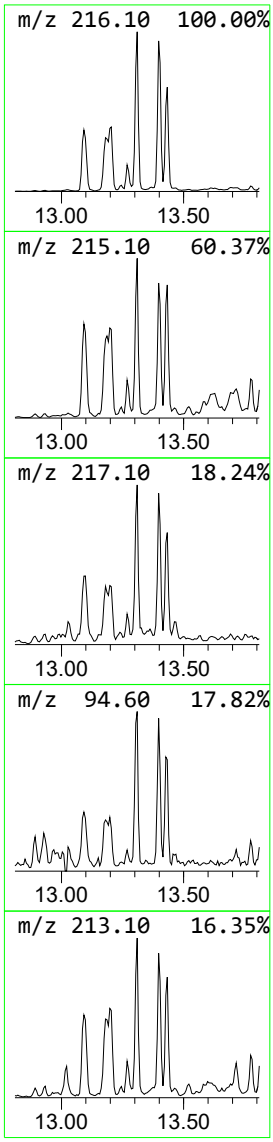
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	8.12 ng	1444220	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

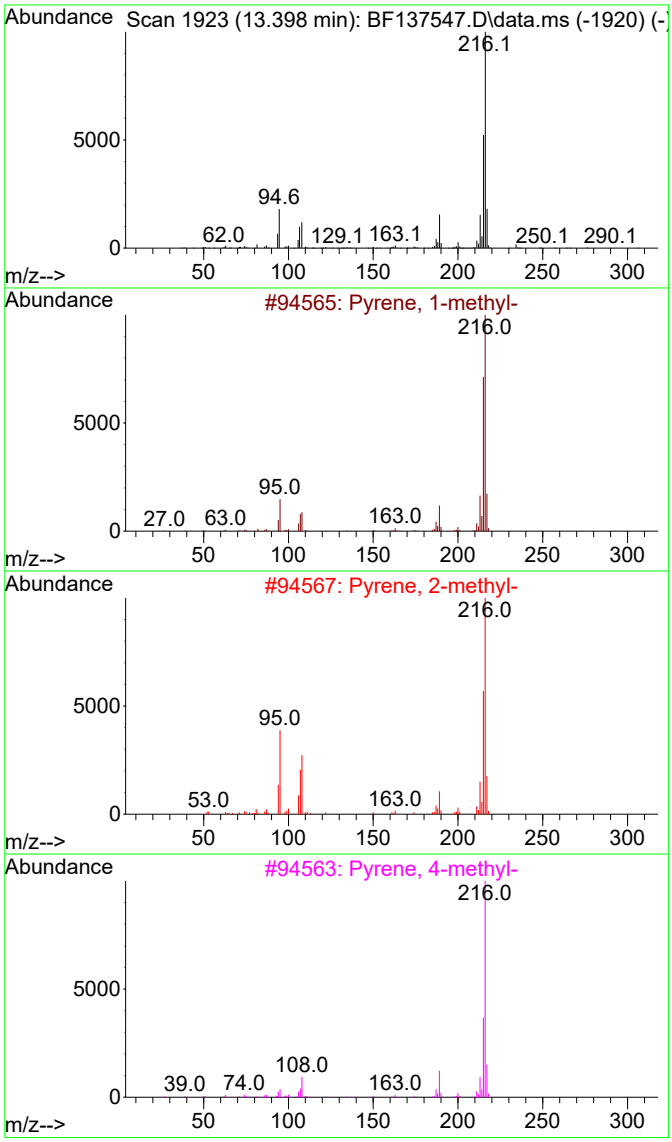
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

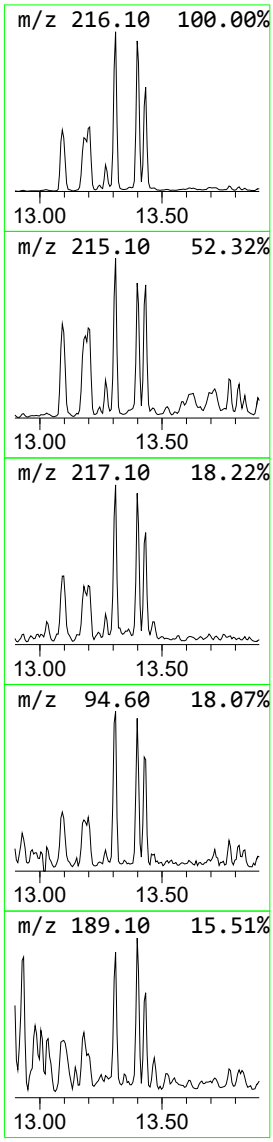
****

Peak Number 15 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.398	6.37 ng	1134430	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

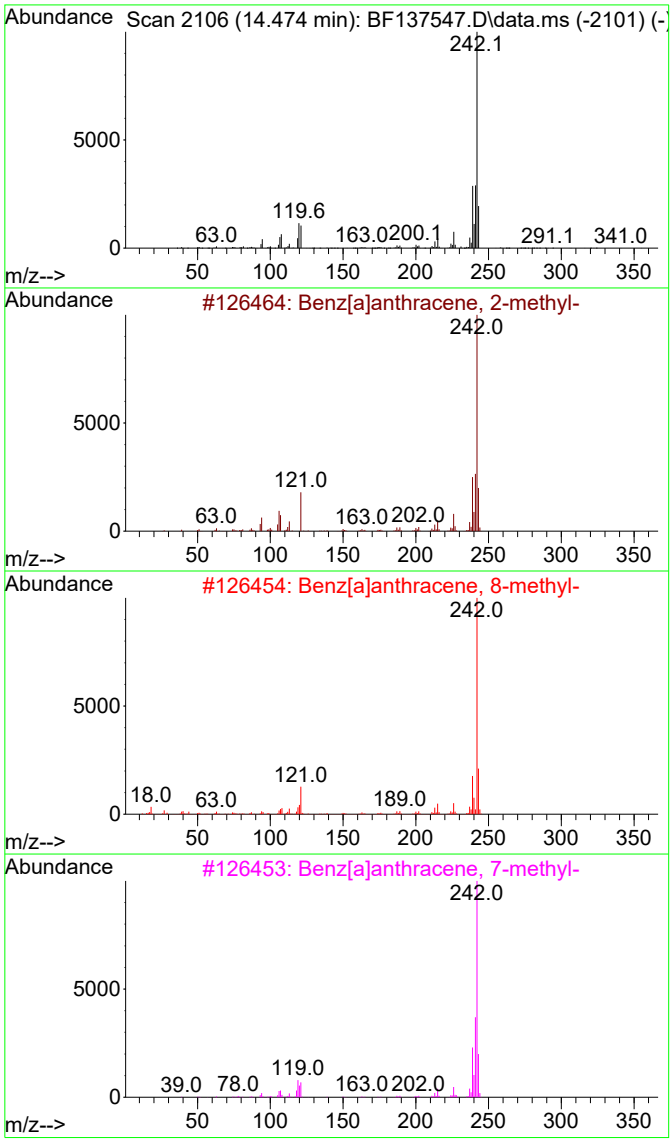
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

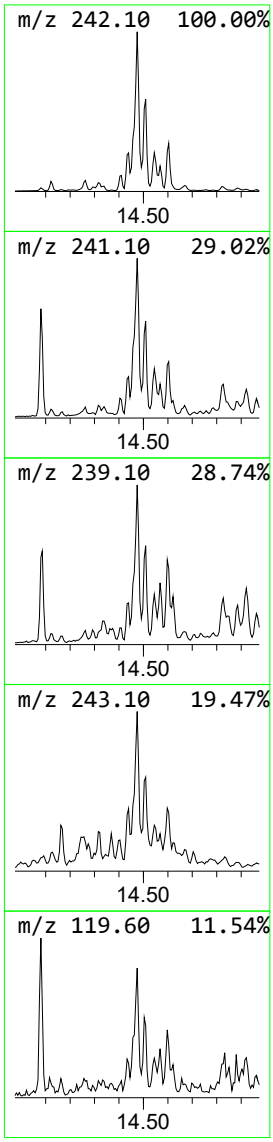
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benz[a]anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.474	8.01 ng	1425270	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	93
5	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

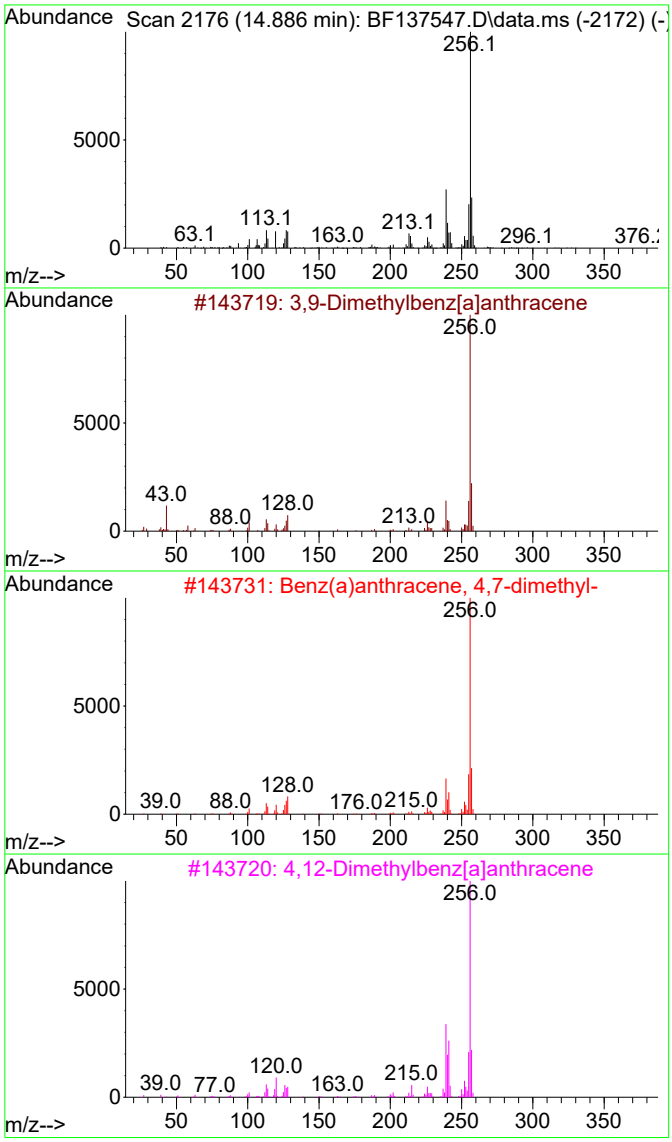
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

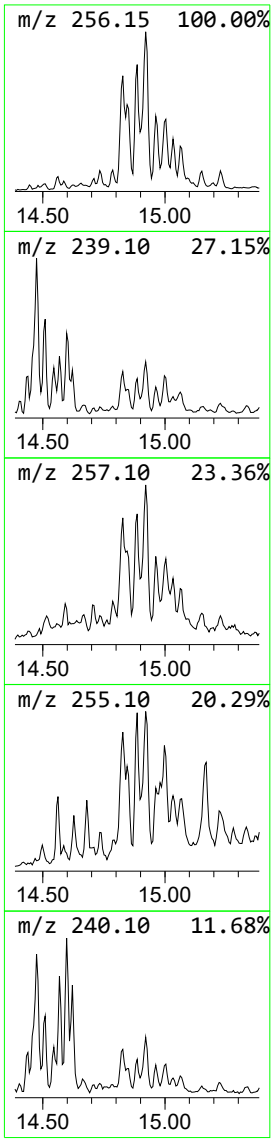
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3,9-Dimethylbenz[a]anthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	6.02 ng	379450	Perylene-d12	15.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	96
2	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	93
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	93
4	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	91
5	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

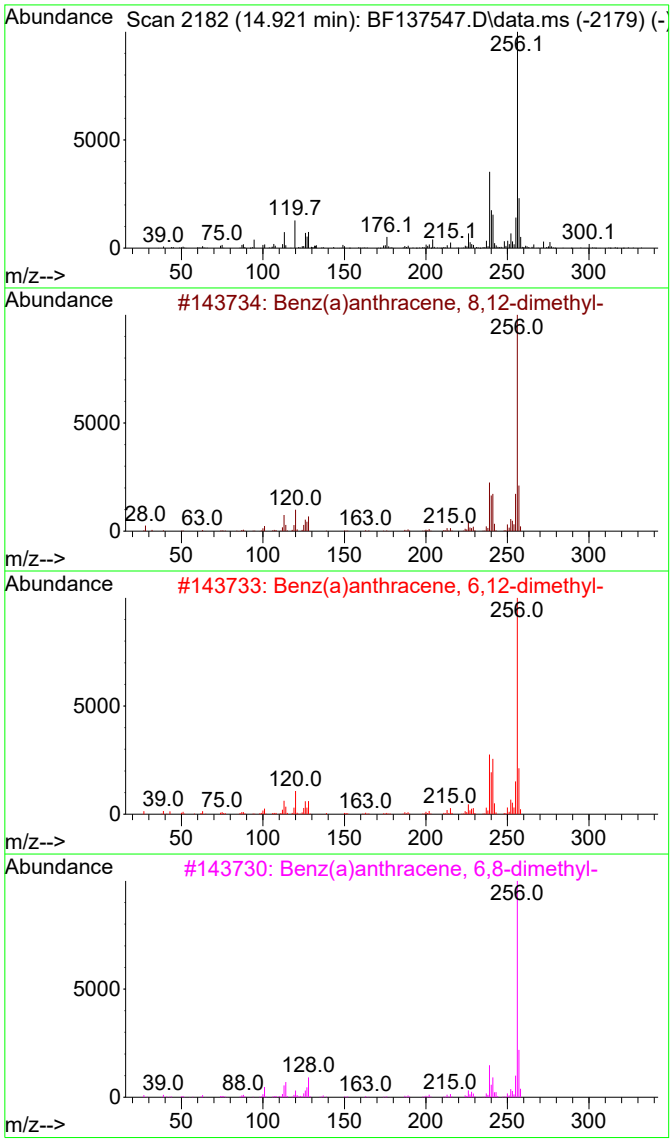
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

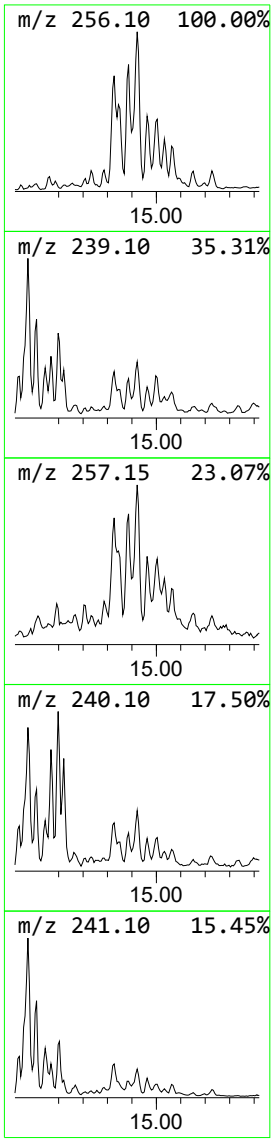
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benz(a)anthracene, 8,12-dim... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	8.73 ng	550168	Perylene-d12	15.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	93
2	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	93
3	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	91
4	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	91
5	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

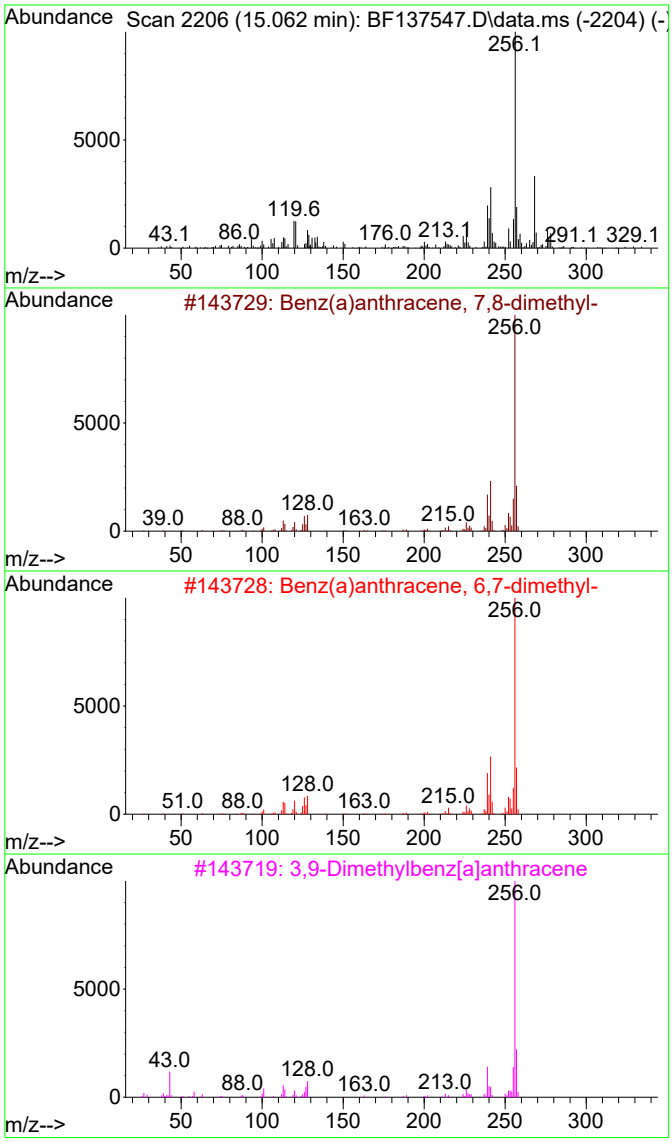
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

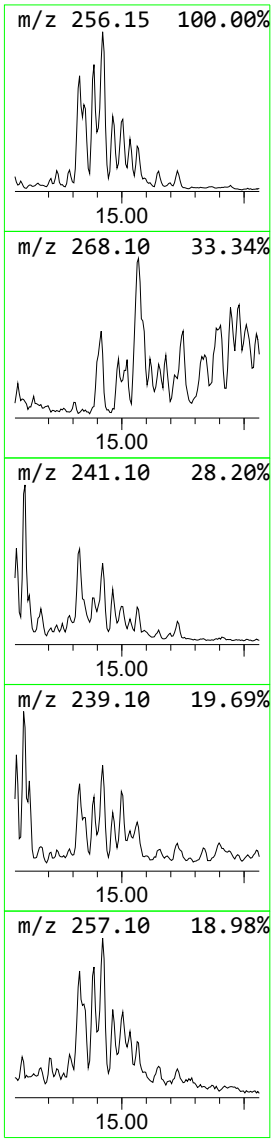
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benz(a)anthracene, 7,8-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.063	6.23 ng	392847	Perylene-d12	15.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	86
2	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	86
3	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	83
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	70
5	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

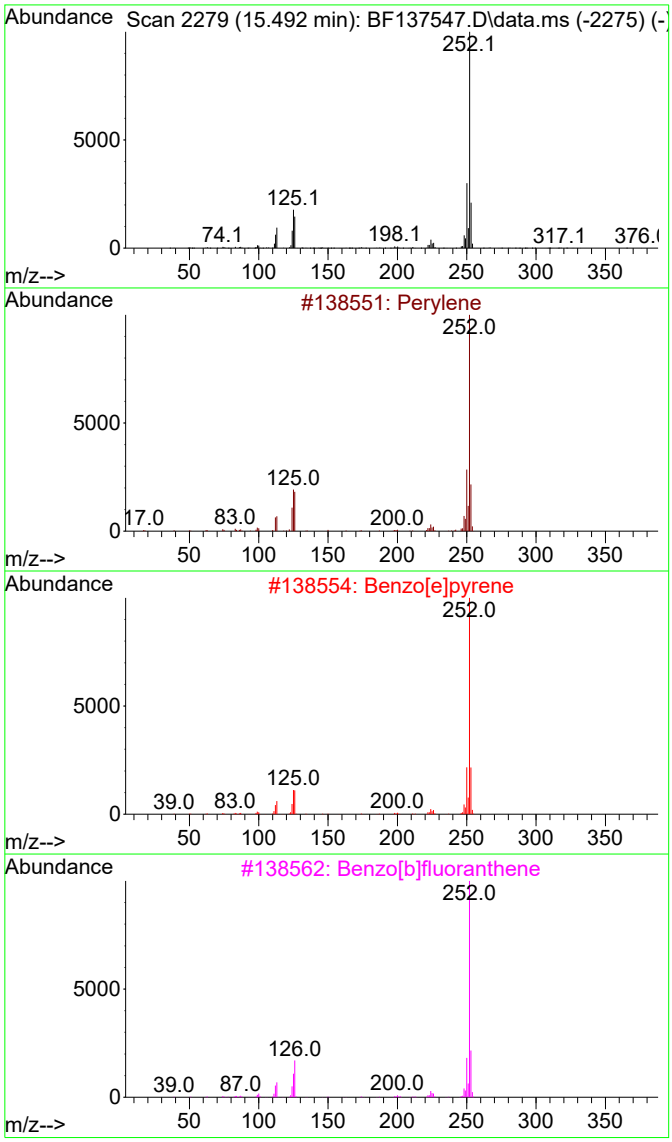
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

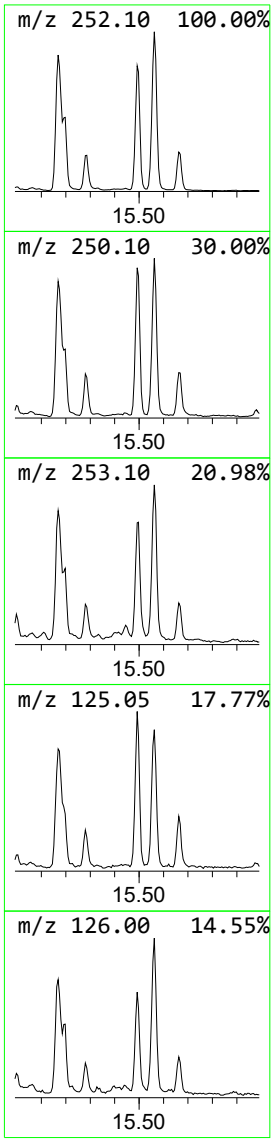
****

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.492	18.34 ng	1156000	Perylene-d12	15.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137547.D
Acq On : 08 Mar 2024 17:10
Operator : CG\JU
Sample : P1705-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.228	21.8	ng	1499990	1	6.892	1375850	20.0
Anthracene, 2-m...	11.922	10.8	ng	915016	4	11.416	1689210	20.0
Phenanthrene, 2...	11.951	14.0	ng	1180200	4	11.416	1689210	20.0
Phenanthrene, 1...	12.033	13.7	ng	1159410	4	11.416	1689210	20.0
Anthracene, 9-m...	12.057	7.6	ng	645289	4	11.416	1689210	20.0
Phenanthrene, 1...	12.368	6.5	ng	548449	4	11.416	1689210	20.0
Phenanthrene, 3...	12.404	11.8	ng	992960	4	11.416	1689210	20.0
di-p-Tolylacety...	12.427	6.8	ng	578093	4	11.416	1689210	20.0
Phenanthrene, 2...	12.480	22.6	ng	1910230	4	11.416	1689210	20.0
9,10-Dimethylan...	12.510	16.6	ng	1403040	4	11.416	1689210	20.0
Phenanthrene, 2...	12.563	10.8	ng	914425	4	11.416	1689210	20.0
Phenanthrene, 2...	12.933	7.3	ng	1292430	5	14.080	3559020	20.0
Pyrene, 1-methyl-	13.092	7.9	ng	1411810	5	14.080	3559020	20.0
Pyrene, 2-methyl-	13.310	8.1	ng	1444220	5	14.080	3559020	20.0
Pyrene, 4-methyl-	13.398	6.4	ng	1134430	5	14.080	3559020	20.0
Benz[a]anthrace...	14.474	8.0	ng	1425270	5	14.080	3559020	20.0
3,9-Dimethylben...	14.886	6.0	ng	379450	6	15.633	1260470	20.0
Benz(a)anthrace...	14.921	8.7	ng	550168	6	15.633	1260470	20.0
Benz(a)anthrace...	15.063	6.2	ng	392847	6	15.633	1260470	20.0
Perylene	15.492	18.3	ng	1156000	6	15.633	1260470	20.0