LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134949.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.828	292	296	302	rVB	47350	63759	2.65%	0.171%
2	5.004	491	496	509	rVB	492308	569124	23.69%	1.530%
3	5.410	562	565	575	rVB	862450	775716	32.28%	2.086%
4	6.422	733	737	740	rBV	1673931	1433423	59.65%	3.854%
5	6.616	767	770	776	rBV3	51944	72408	3.01%	0.195%
6	6.787	796	799	806	rVB	639586	514886	21.43%	1.384%
7	7.351	891	895	898	rVV	1286300	1100320	45.79%	2.959%
8	8.069	1012	1017	1019	rBV	780355	685961	28.55%	1.844%
9	8.086	1019	1020	1024	rVV	419900	323031	13.44%	0.869%
10	8.492	1085	1089	1093	rBV	68839	62774	2.61%	0.169%
11	8.781	1135	1138	1142	rVB	223852	164230	6.83%	0.442%
12	8.881	1152	1155	1158	rBV	154945	114581	4.77%	0.308%
13	9.145	1196	1200	1203	rBV	2531599	1931325	80.38%	5.193%
14	9.228	1211	1214	1216	rBV	65444	57666	2.40%	0.155%
15	9.398	1240	1243	1249	rVV2	118654	150181	6.25%	0.404%
16	9.457	1250	1253	1255	rVV	97470	77176	3.21%	0.208%
17	9.481	1255	1257	1260	rVV	113618	109359	4.55%	0.294%
18	9.510	1260	1262	1264	rVV	90132	72412	3.01%	0.195%
19	9.551	1266	1269	1271	rVV	68858	62383	2.60%	0.168%
20	9.598	1275	1277	1282	rVV	66643	75930	3.16%	0.204%
21	9.686	1286	1292	1296	rVB	95471	93465	3.89%	0.251%
22	9.822	1309	1315	1318	rBV	727578	670753	27.91%	1.804%
23	9.857	1318	1321	1325	rVV	535642	424540	17.67%	1.142%
24	9.980	1337	1342	1347	rBV5	40845	58763	2.45%	0.158%
25	10.028	1347	1350	1354	rVV	245065	208825	8.69%	0.561%
26	10.069	1354	1357	1364	rVB3	42832	49800	2.07%	0.134%
27	10.233	1381	1385	1387	rVV2	55512	55361	2.30%	0.149%
28	10.263	1387	1390	1393	rVB2	53018	50206	2.09%	0.135%
29	10.375	1405	1409	1412	rBV2	255377	242802	10.10%	0.653%
30	10.533	1433	1436	1437	rVV	72939	56764	2.36%	0.153%
31	10.551	1437	1439	1441	rVB	88424	60681	2.53%	0.163%
32	10.616	1446	1450	1454	rVV	292138	288803	12.02%	0.777%
33	10.745	1467	1472	1478	rVB2	171532	241661	10.06%	0.650%
34	10.927	1496	1503	1505	rBV4	42738	80306	3.34%	0.216%
35	11.057	1519	1525	1527	rBV3	56811	82618	3.44%	0.222%
36	11.122	1533	1536	1540	rVV	127411	112952	4.70%	0.304%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.186	1540	1547	1549	rVV3	80982	167952	6.99%	0.452%
38	11.216	1549	1552	1557	rVB	127084	135721	5.65%	0.365%
39	11.316	1566	1569	1571	rBV	667819	598795	24.92%	1.610%
40	11.345	1571	1574	1577	rVV	2105810	1751251	72.88%	4.709%
41	11.392	1579	1582	1585	rVV	549634	431016	17.94%	1.159%
42	11.427	1585	1588	1591	rVV	102629	92327	3.84%	0.248%
43	11.533	1603	1606	1607	rBV	58877	56514	2.35%	0.152%
44	11.551	1607	1609	1612	rVB	284168	208727	8.69%	0.561%
45	11.616	1618	1620	1623	rBV	94145	75698	3.15%	0.204%
46	11.822	1651	1655	1657	rBV	199647	173911	7.24%	0.468%
47	11.851	1657	1660	1664	rVB	426103	359133	14.95%	0.966%
48	11.898	1665	1668	1670	rVV	89941	73258	3.05%	0.197%
49	11.933	1670	1674	1676	rBV	365443	342866	14.27%	0.922%
50	11.957	1676	1678	1682	rVB	150212	122327	5.09%	0.329%
51	12.004	1682	1686	1688	rBV3	41829	49532	2.06%	0.133%
52	12.027	1688	1690	1693	rBV	103187	78929	3.28%	0.212%
53	12.122	1703	1706	1708	rBV	156973	132983	5.53%	0.358%
54	12.145	1708	1710	1713	rVB	142087	110975	4.62%	0.298%
55	12.374	1746	1749	1753	rBV	144093	160644	6.69%	0.432%
56	12.416	1753	1756	1761	rVV4	93532	156527	6.51%	0.421%
57	12.463	1761	1764	1768	rVB	106354	113903	4.74%	0.306%
58	12.539	1773	1777	1781	rBV	2471611	2384772	99.25%	6.412%
59	12.598	1781	1787	1790	rBV2	49503	75456	3.14%	0.203%
60	12.769	1810	1816	1819	rBV2	2147074	2402860	100.00%	6.461%
61	12.816	1822	1824	1828	rVB2	95611	94096	3.92%	0.253%
62	12.851	1828	1830	1833	rVB	58327	49662	2.07%	0.134%
63	12.886	1833	1836	1838	rBV	141725	139993	5.83%	0.376%
64	12.916	1838	1841	1848	rVB	1750603	1659209	69.05%	4.461%
65	12.986	1848	1853	1856	rBV2	133075	223417	9.30%	0.601%
66	13.021	1856	1859	1861	rVB	71822	58088	2.42%	0.156%
67	13.074	1865	1868	1869	rVV3	104293	116444	4.85%	0.313%
68	13.098	1869	1872	1875	rVB	397845	370681	15.43%	0.997%
69	13.163	1879	1883	1886	rBV2	315133	297107	12.36%	0.799%
70	13.198	1886	1889	1892	rVV3	207869	257968	10.74%	0.694%
71	13.227	1892	1894	1897	rVB	103262	91407	3.80%	0.246%
72	13.292	1903	1905	1908	rVB	92005	78266	3.26%	0.210%
73	13.327	1908	1911	1915	rBV2	110637	114066	4.75%	0.307%
74	13.498	1935	1940	1943	rBV6	103220	187965	7.82%	0.505%
75	13.610	1956	1959	1964	rVB	159315	172733	7.19%	0.464%
76	13.721	1974	1978	1980	rBV2	233510	245177	10.20%	0.659%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.751	1980	1983	1985	rVV	178400	175717	7.31%	0.472%
78	13.774	1985	1987	1988	rVV	161814	144383	6.01%	0.388%
79	13.821	1992	1995	2001	rVB2	228250	285813	11.89%	0.768%
80	13.968	2013	2020	2024	rBV2	1491536	2246393	93.49%	6.040%
81	14.004	2024	2026	2029	rVB	1246499	947780	39.44%	2.548%
82	14.080	2036	2039	2042	rVB2	251681	215833	8.98%	0.580%
83	14.168	2052	2054	2056	rVB	73914	47830	1.99%	0.129%
84	14.204	2058	2060	2063	rVB	140198	113635	4.73%	0.306%
85	14.327	2079	2081	2083	rBV	58098	47451	1.97%	0.128%
86	14.363	2083	2087	2090	rVV	239764	261112	10.87%	0.702%
87	14.398	2090	2093	2096	rVV	139956	132046	5.50%	0.355%
88	14.457	2100	2103	2106	rVV2	183040	181976	7.57%	0.489%
89	14.486	2106	2108	2110	rVV2	143220	133313	5.55%	0.358%
90	14.510	2110	2112	2116	rVB2	175041	153595	6.39%	0.413%
91	14.674	2137	2140	2142	rBV3	87003	86775	3.61%	0.233%
92	15.021	2194	2199	2202	rBV	1099439	1716886	71.45%	4.616%
93	15.127	2214	2217	2221	rVB	250272	255137	10.62%	0.686%
94	15.327	2246	2251	2257	rVB	685843	932532	38.81%	2.507%
95	15.392	2257	2262	2267	rVB	943034	1210339	50.37%	3.254%
96	15.451	2268	2272	2274	rVV	314201	371709	15.47%	0.999%
97	15.480	2274	2277	2285	rVB	304211	428987	17.85%	1.153%
98	16.939	2519	2525	2533	rVB2	370571	754306	31.39%	2.028%
99	17.392	2596	2602	2614	rVB	267606	580374	24.15%	1.561%
100	17.633	2639	2643	2652	rVB2	77835	159970	6.66%	0.430%

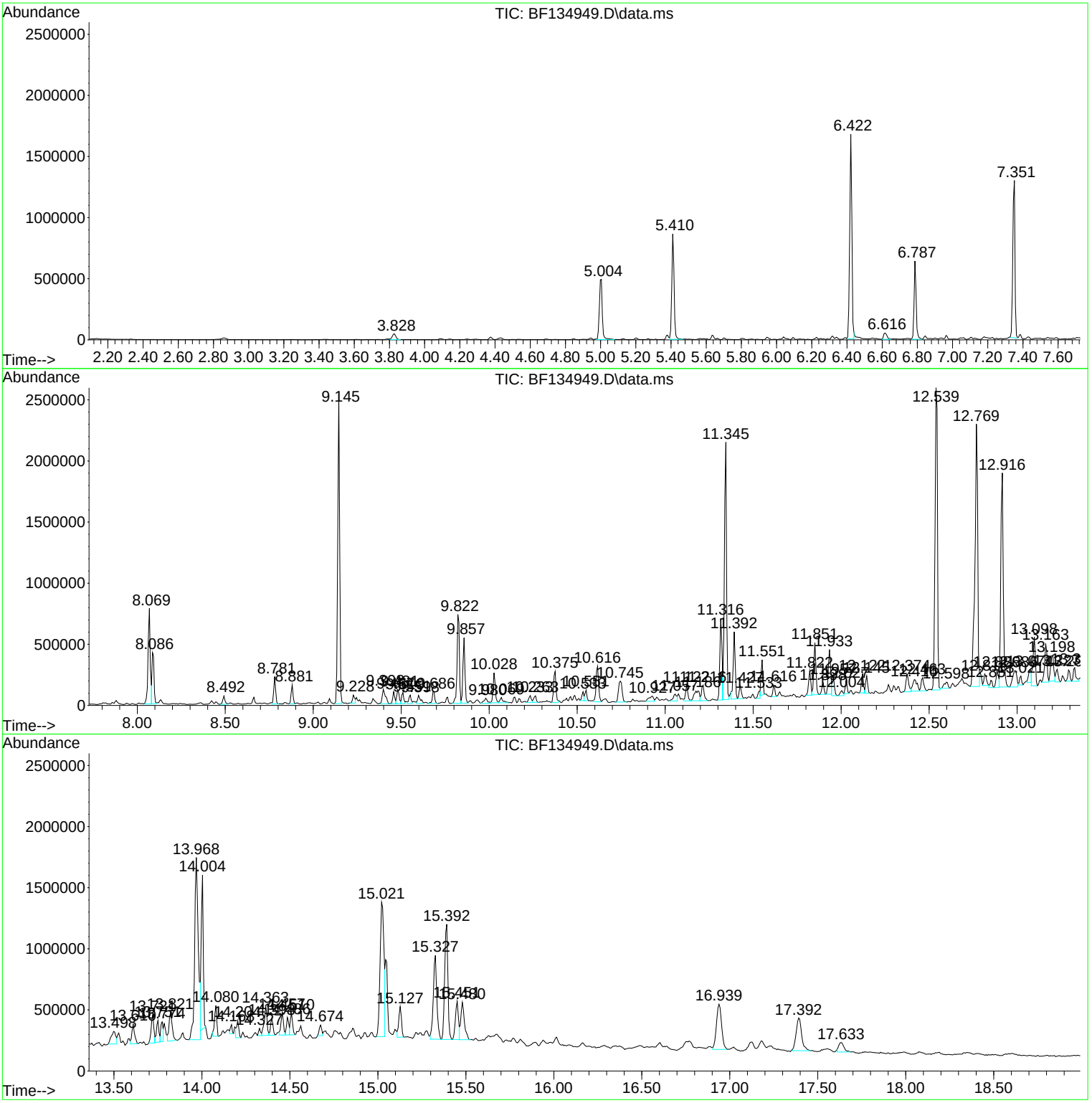
Sum of corrected areas: 37191193

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
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Sample : 04110-10
Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

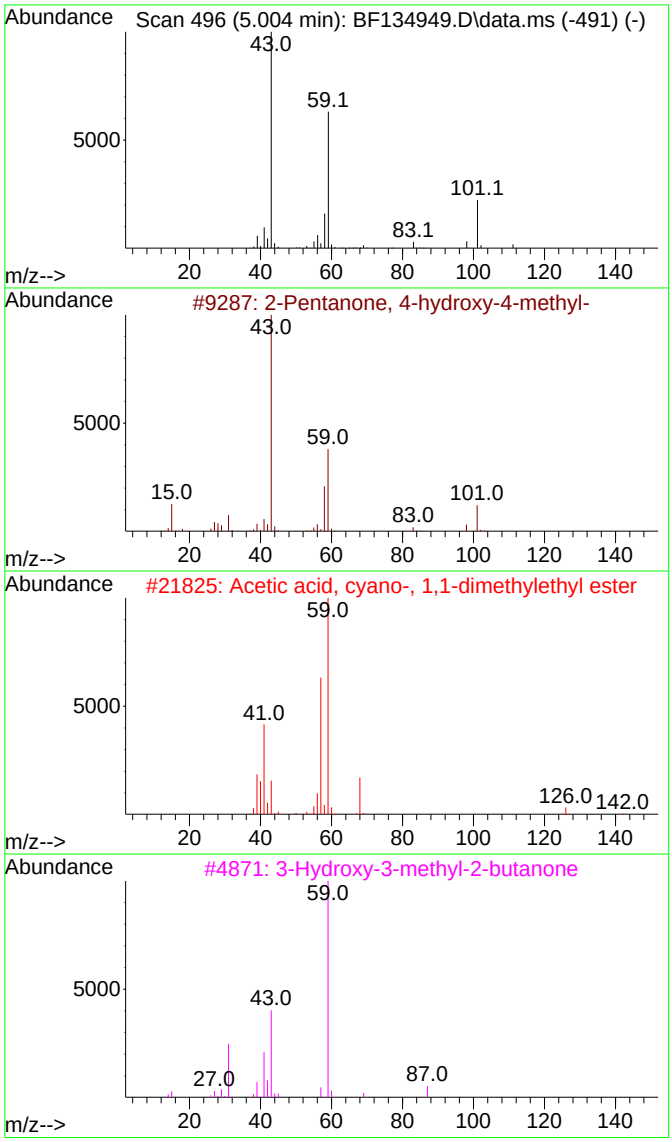
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

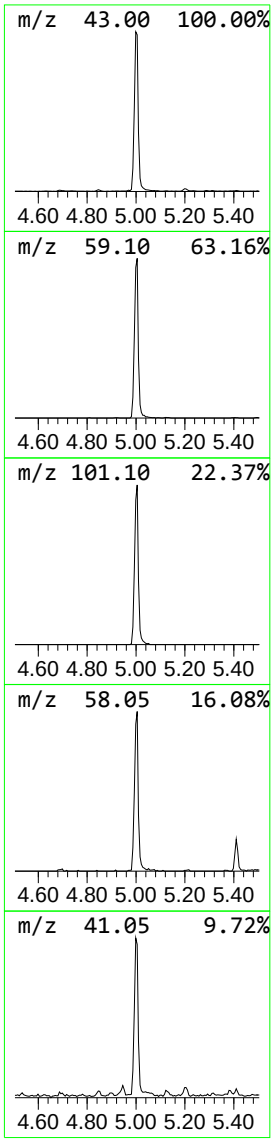
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	22.11 ng	569124	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

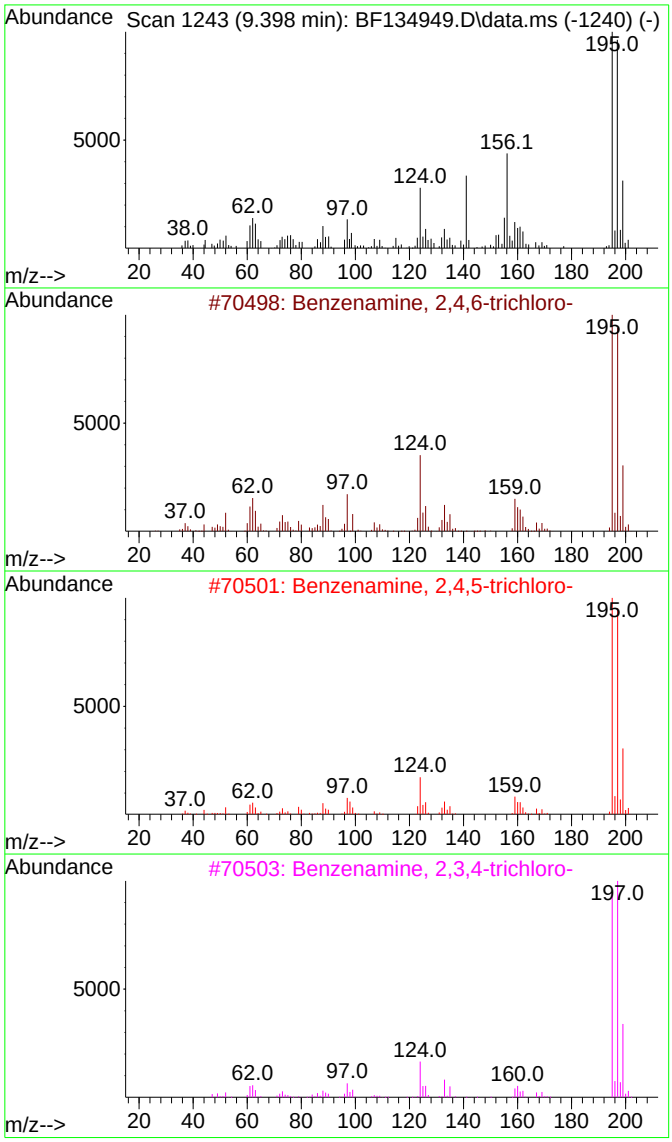
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

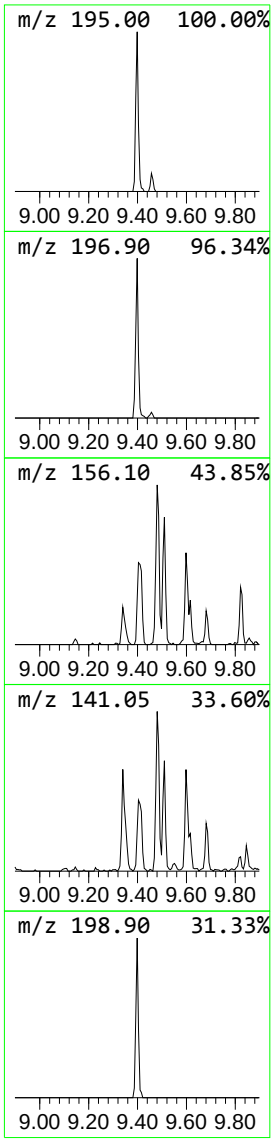
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzenamine, 2,4,6-trichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	4.48 ng	150181	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-trichloro-	195	C6H4Cl3N	000634-93-5	99
2	Benzenamine, 2,4,5-trichloro-	195	C6H4Cl3N	000636-30-6	98
3	Benzenamine, 2,3,4-trichloro-	195	C6H4Cl3N	000634-67-3	91
4	Benzenamine, 3,4,5-trichloro-	195	C6H4Cl3N	000634-91-3	89
5	[1,2,4]Triazolo[1,5-a]pyrimidin-...	197	C7H8ClN5	1000320-01-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

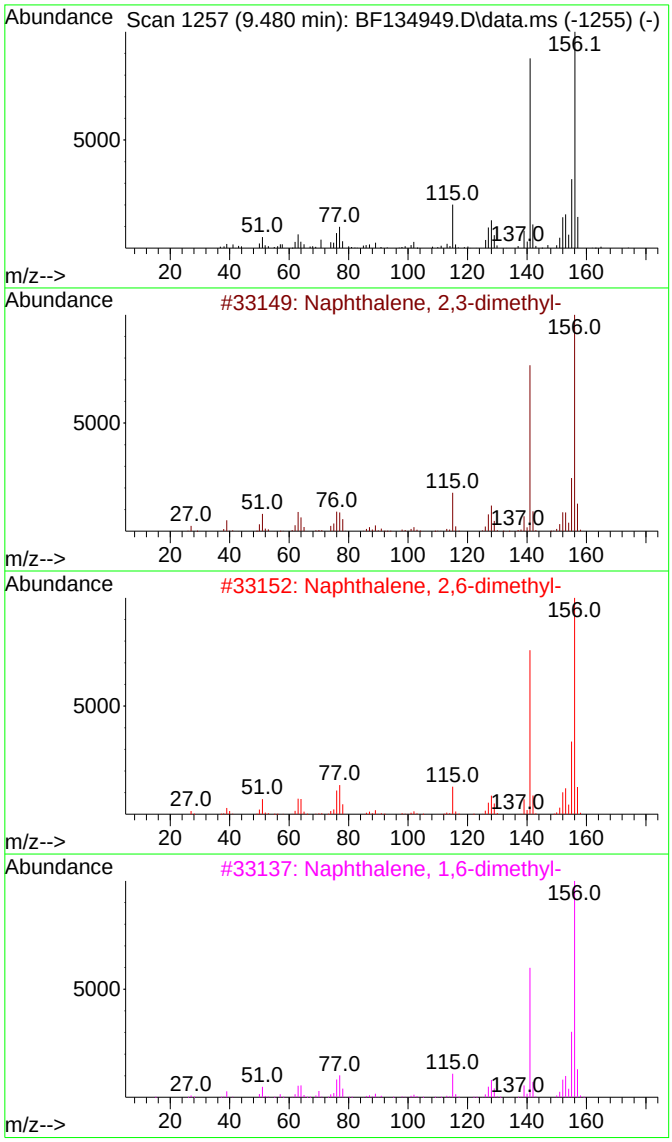
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

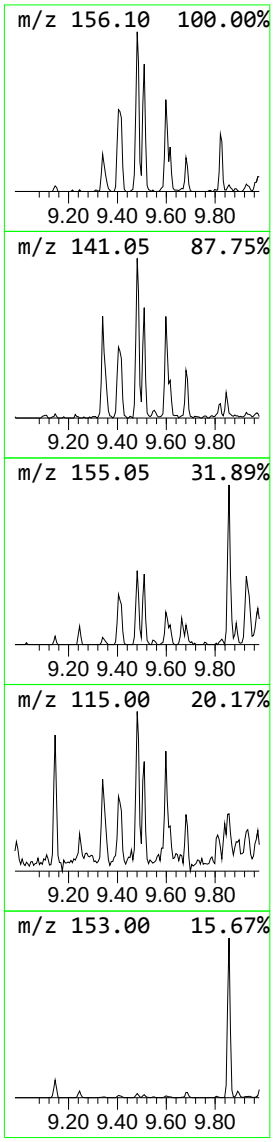
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.480	3.26 ng	109359	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

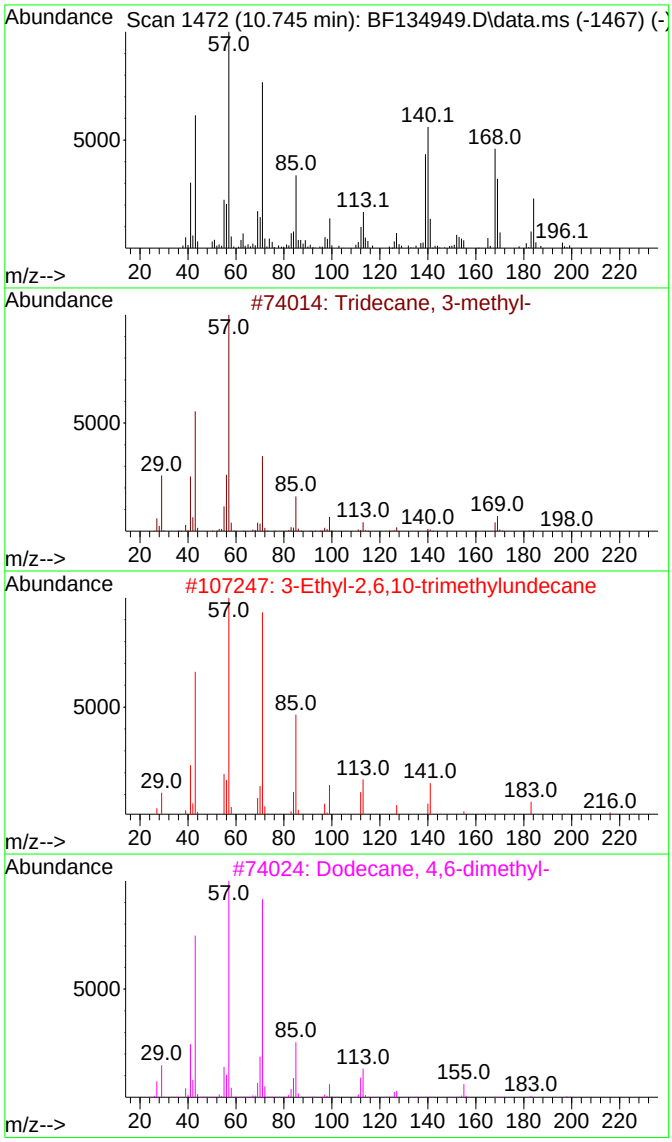
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

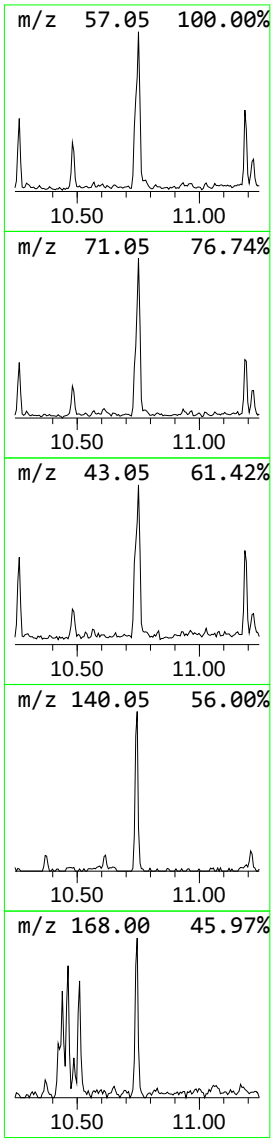
****

Peak Number 4 unknown10.745 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	8.07 ng	241661	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	38
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	35
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	30
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

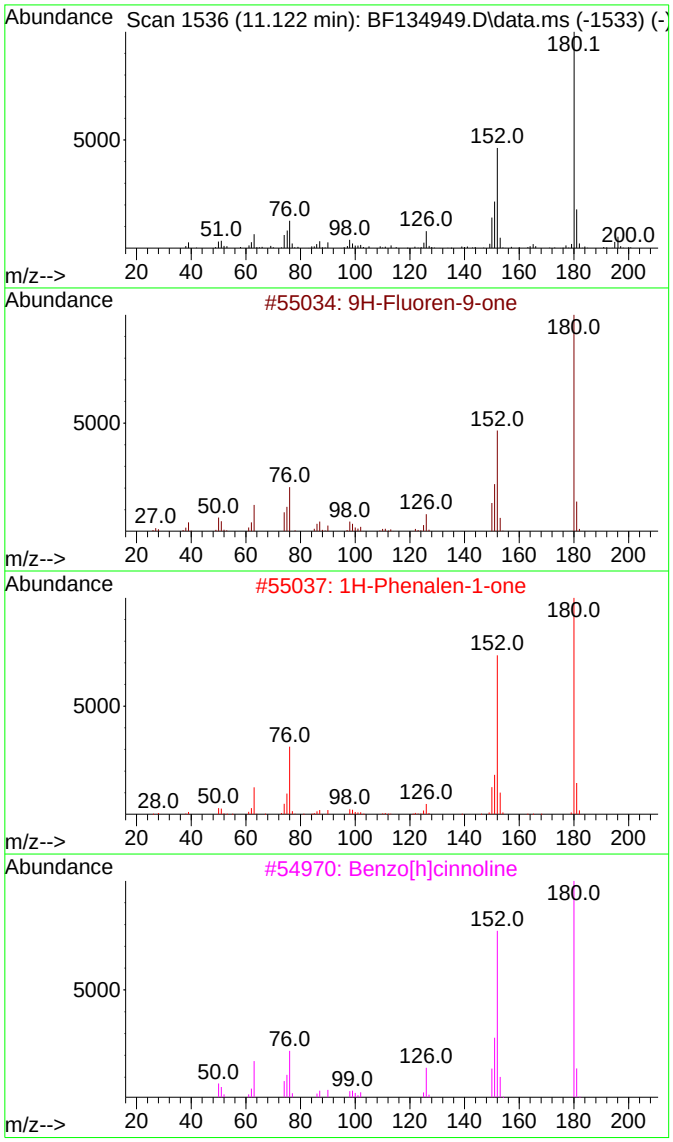
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

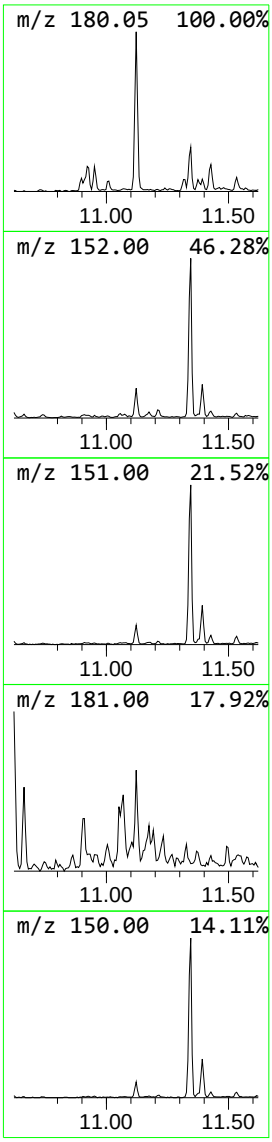
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.122	3.77 ng	112952	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	50
5	Pyridine, 2-(2-phenylethenyl)-	181	C13H11N	000714-08-9	43





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Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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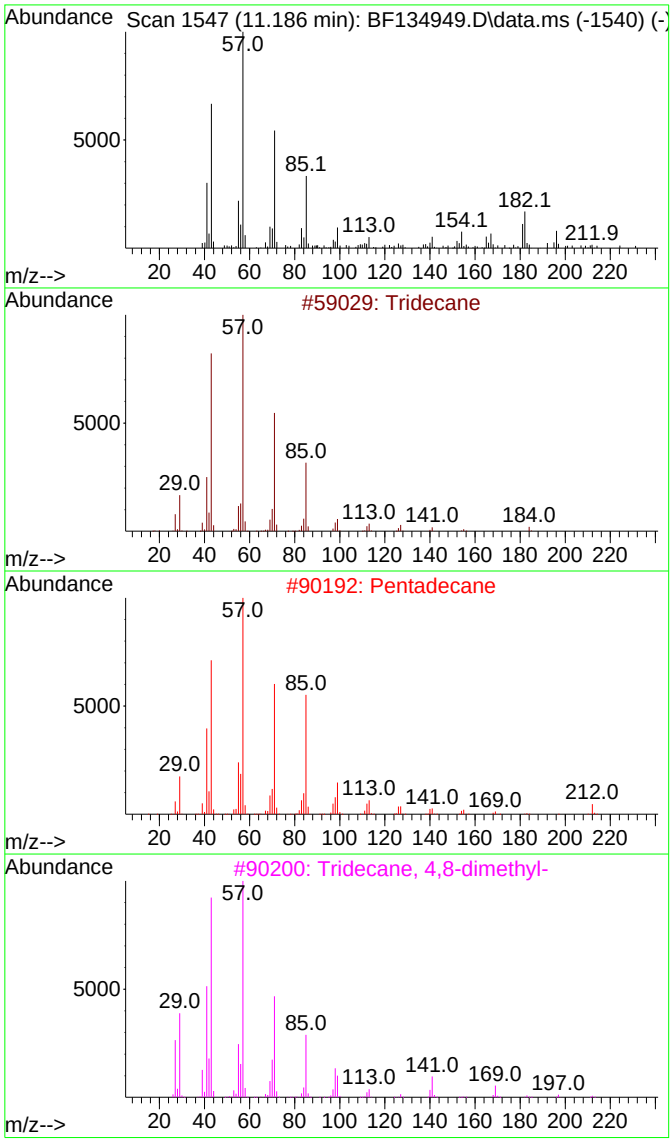
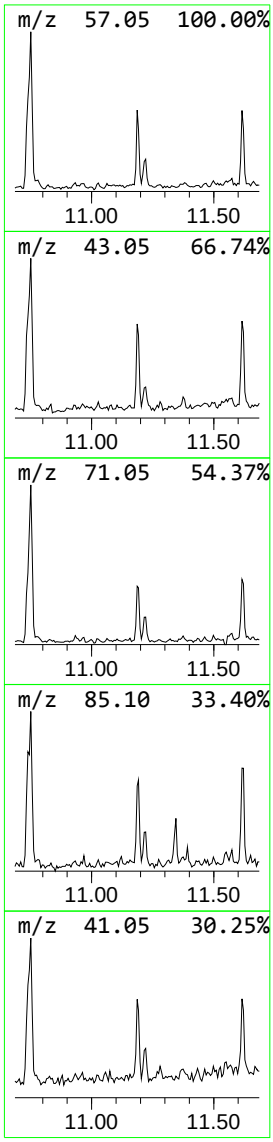
Peak Number 6 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.186	5.61 ng	167952	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Pentadecane	212	C15H32	000629-62-9	64
3	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	64
4	Octacosane	394	C28H58	000630-02-4	62
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	58





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Instrument :
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ClientSampleId :
TP-11(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

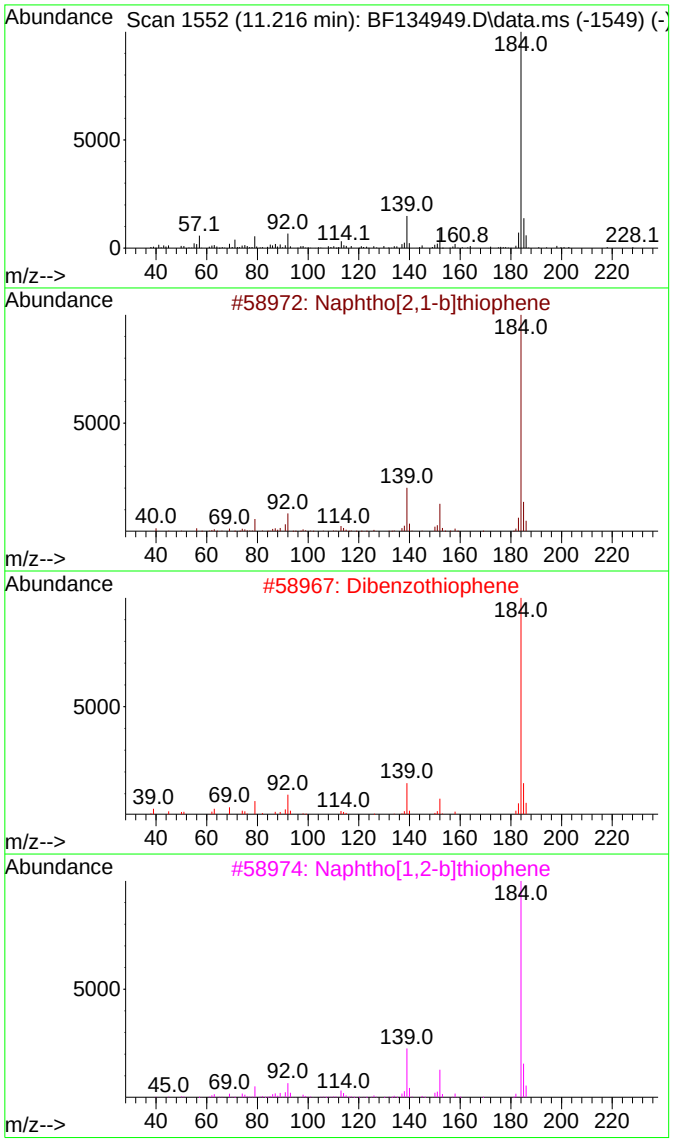
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

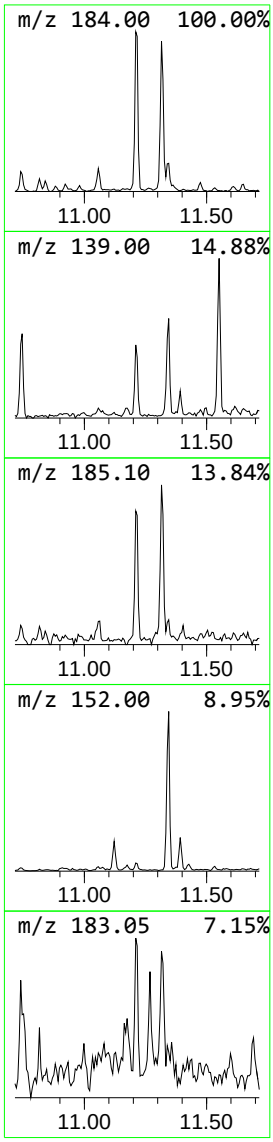
****

Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	4.53 ng	135721	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83





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ClientSampleId :
TP-11(1-2)

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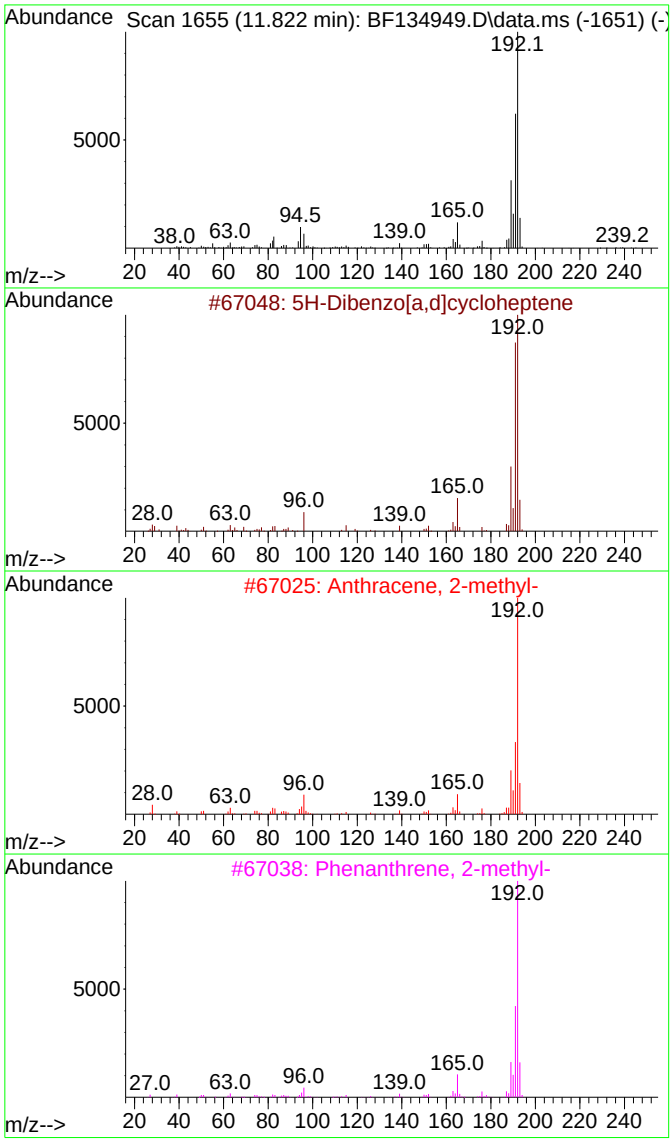
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

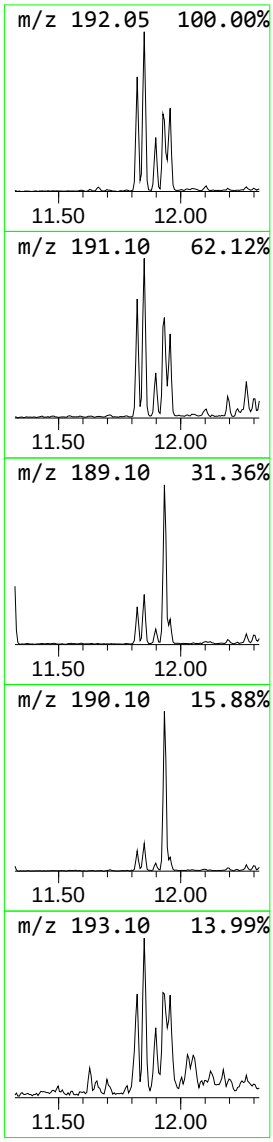
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5H-Dibenzo[a,d]cycloheptene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	5.81 ng	173911	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Instrument :
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ClientSampleId :
TP-11(1-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

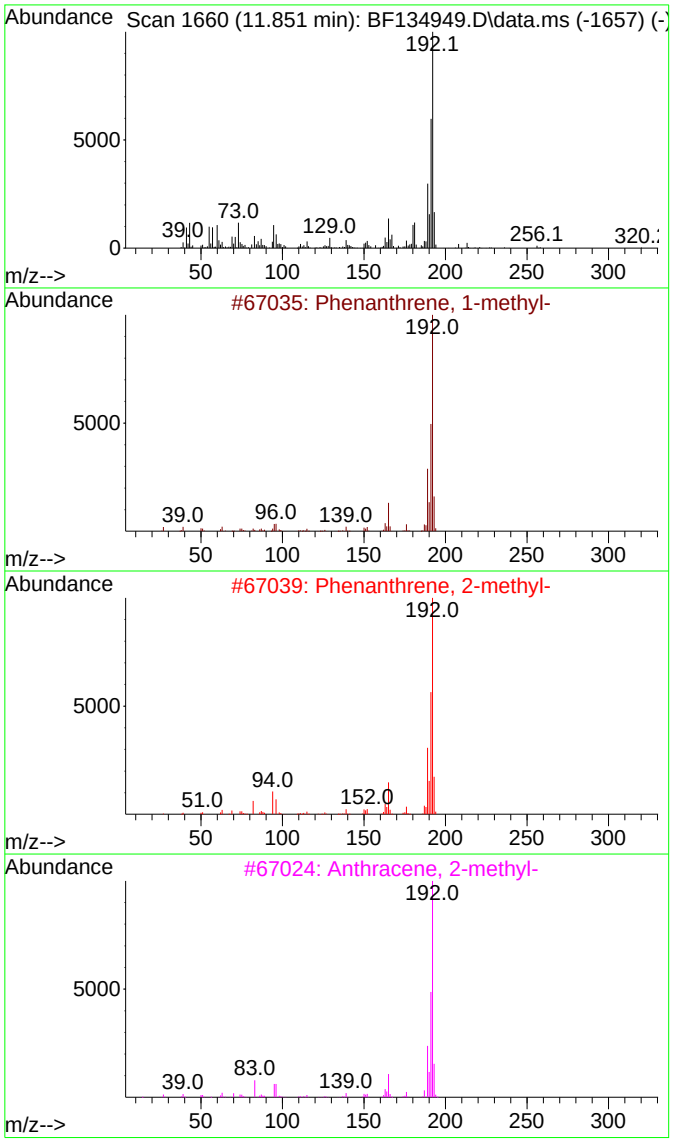
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

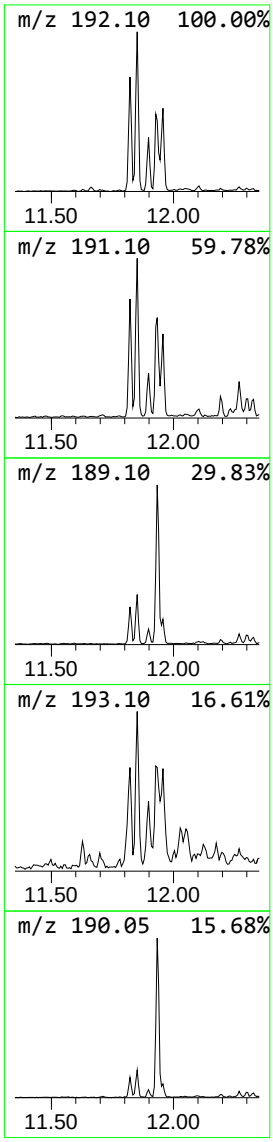
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	12.00 ng	359133	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-11(1-2)

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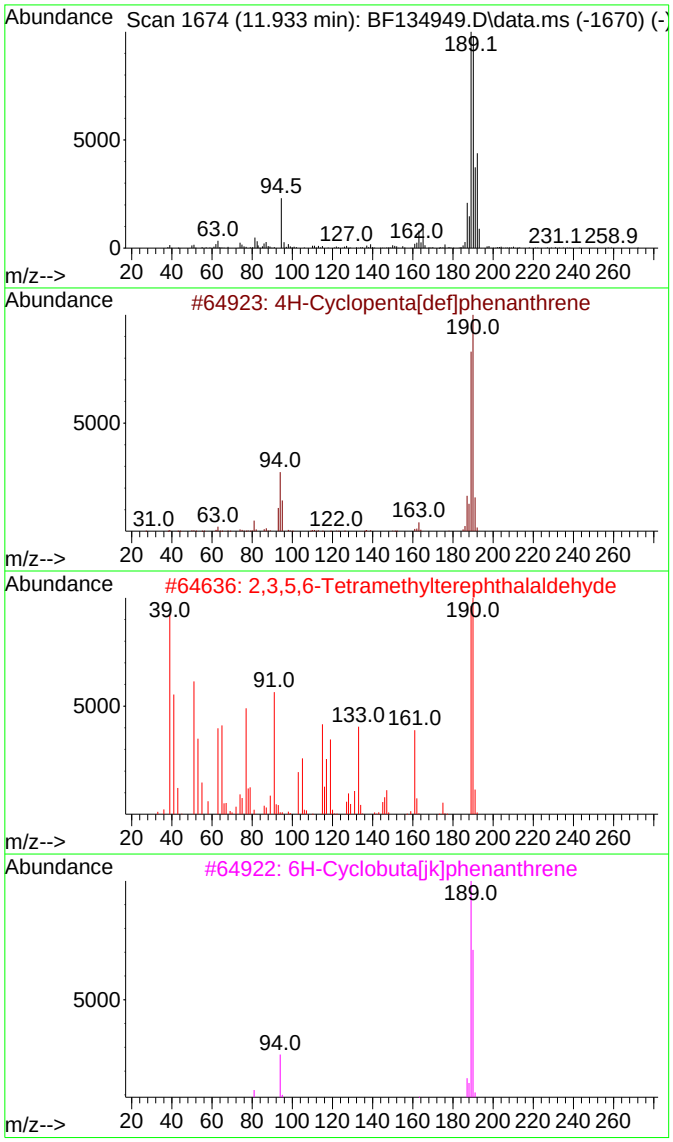
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

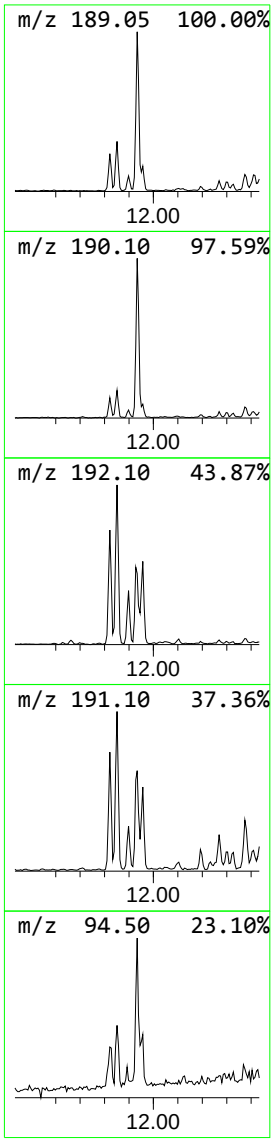
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	11.45 ng	342866	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40





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Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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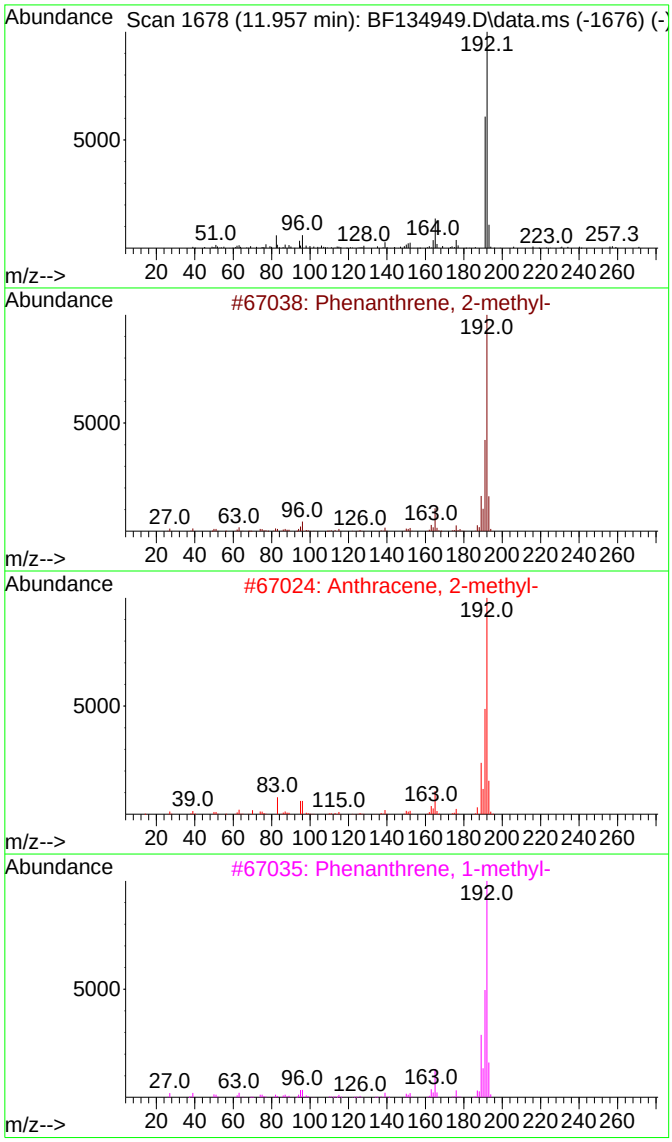
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

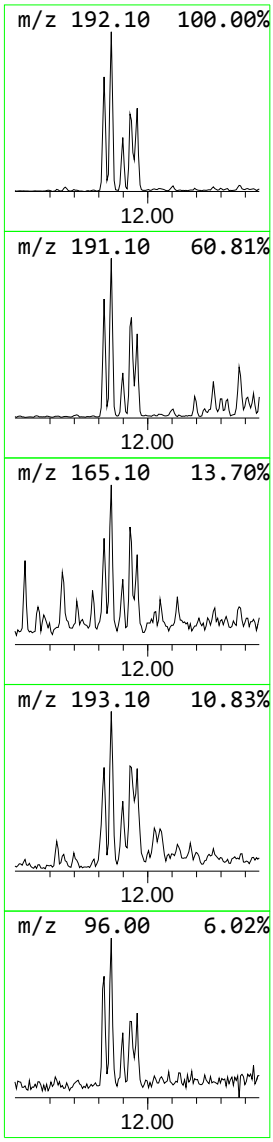
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	4.09 ng	122327	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





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Operator : CG\JU
Sample : 04110-10
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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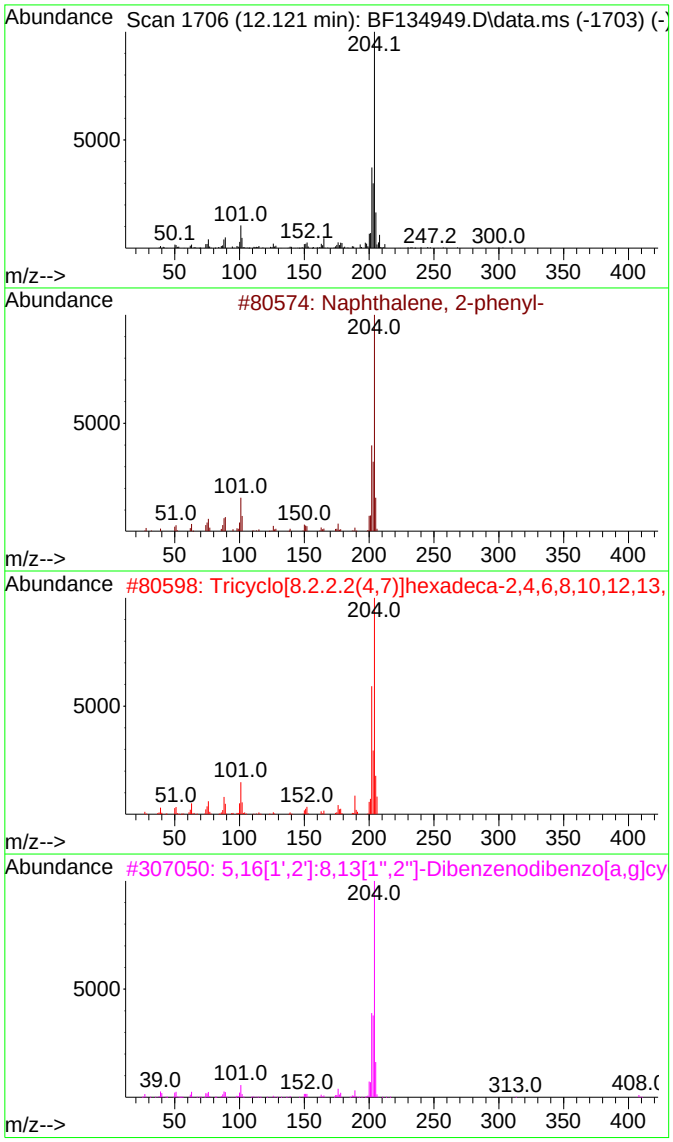
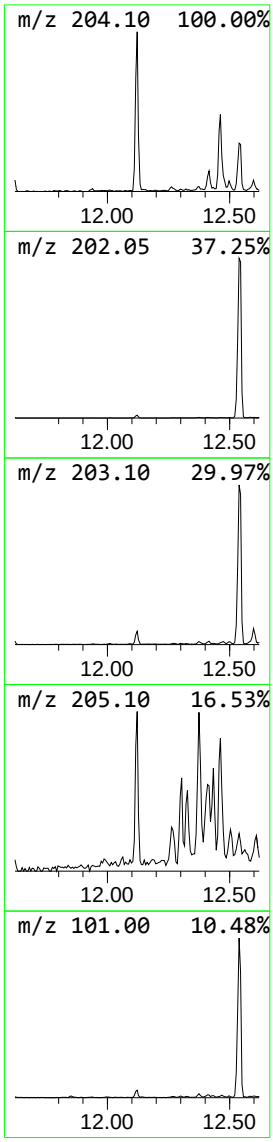
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	4.44 ng	132983	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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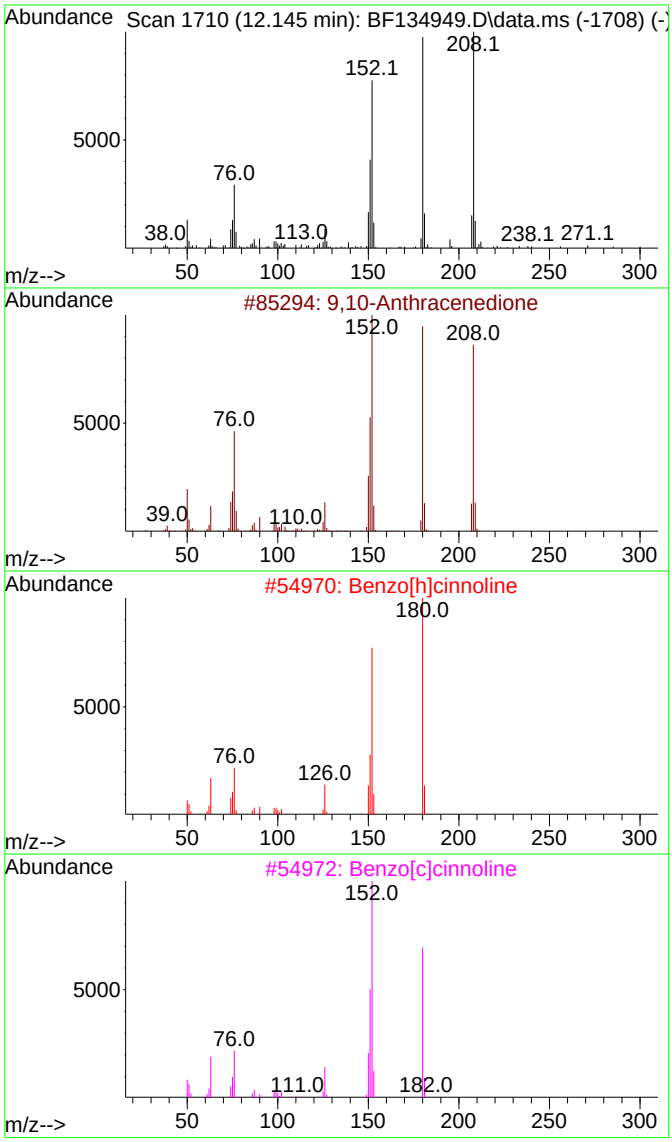
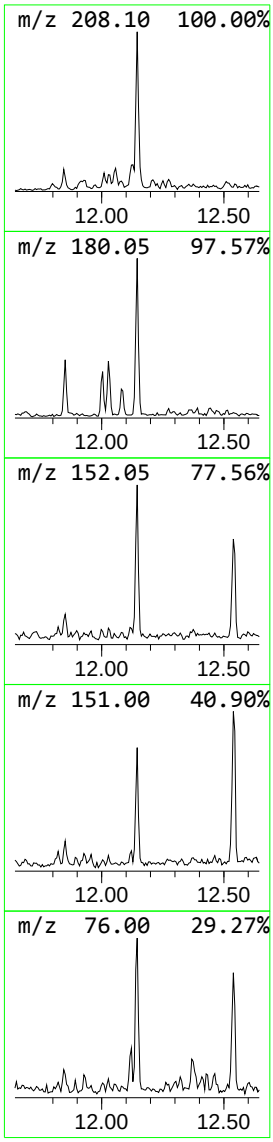
Peak Number 13 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	3.71 ng	110975	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





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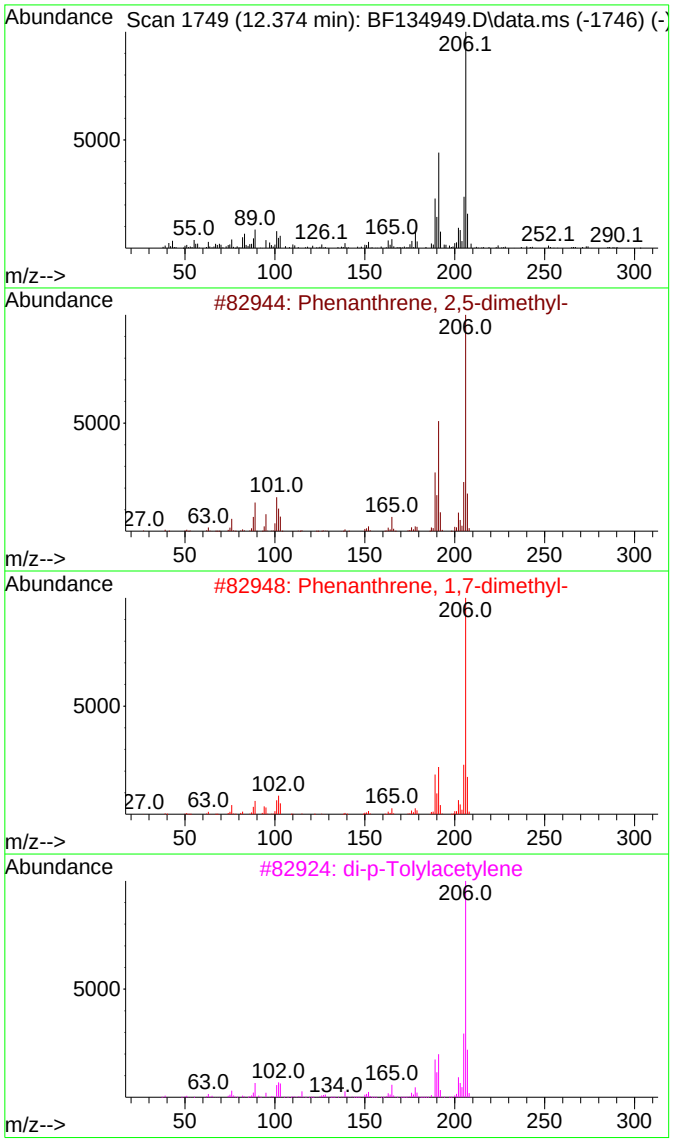
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

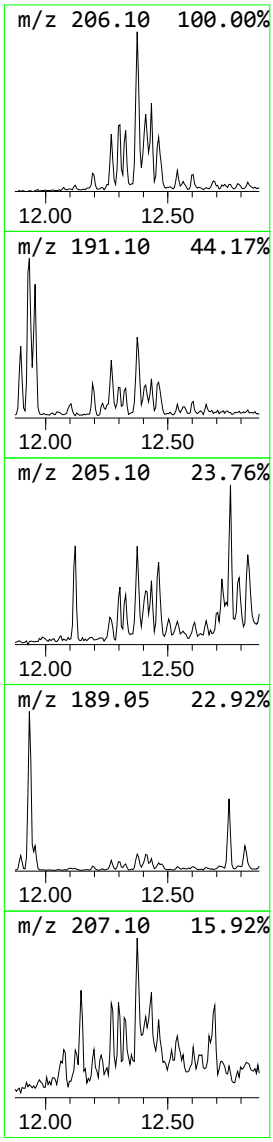
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	5.37 ng	160644	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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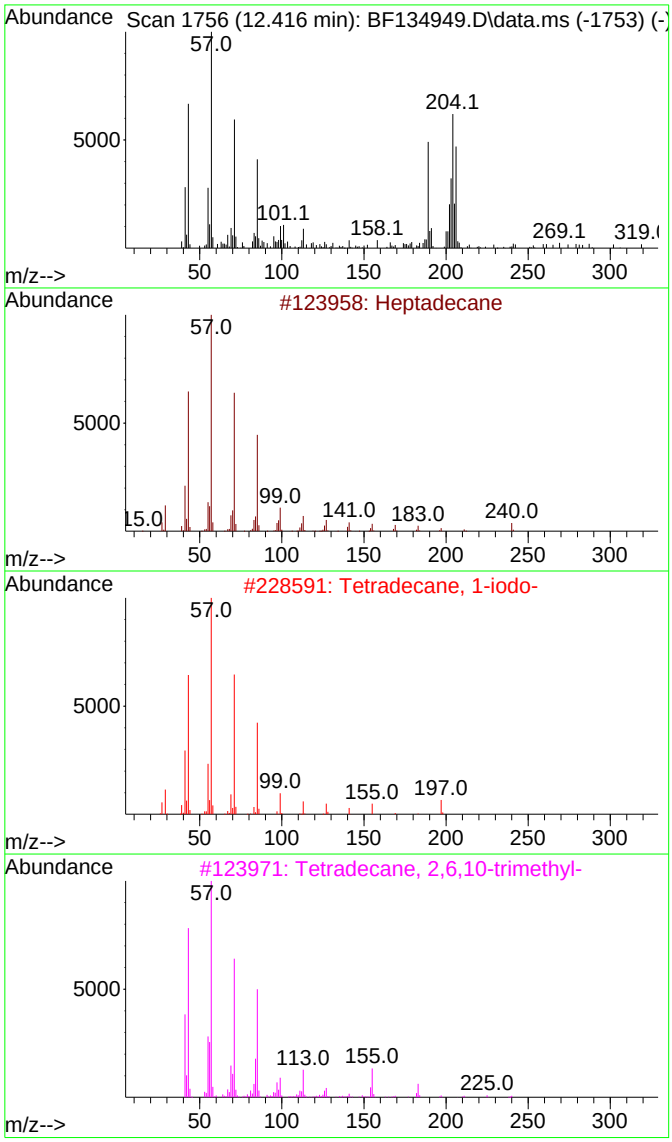
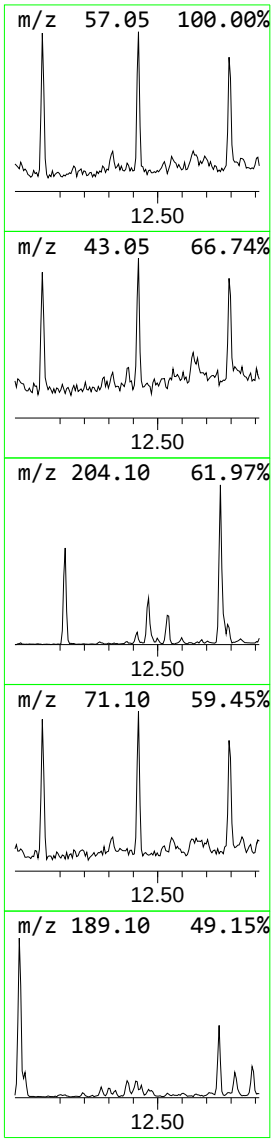
Peak Number 15 unknown12.416 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	5.23 ng	156527	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	47
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	18
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	18
4	Hexadecane	226	C16H34	000544-76-3	18
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	18





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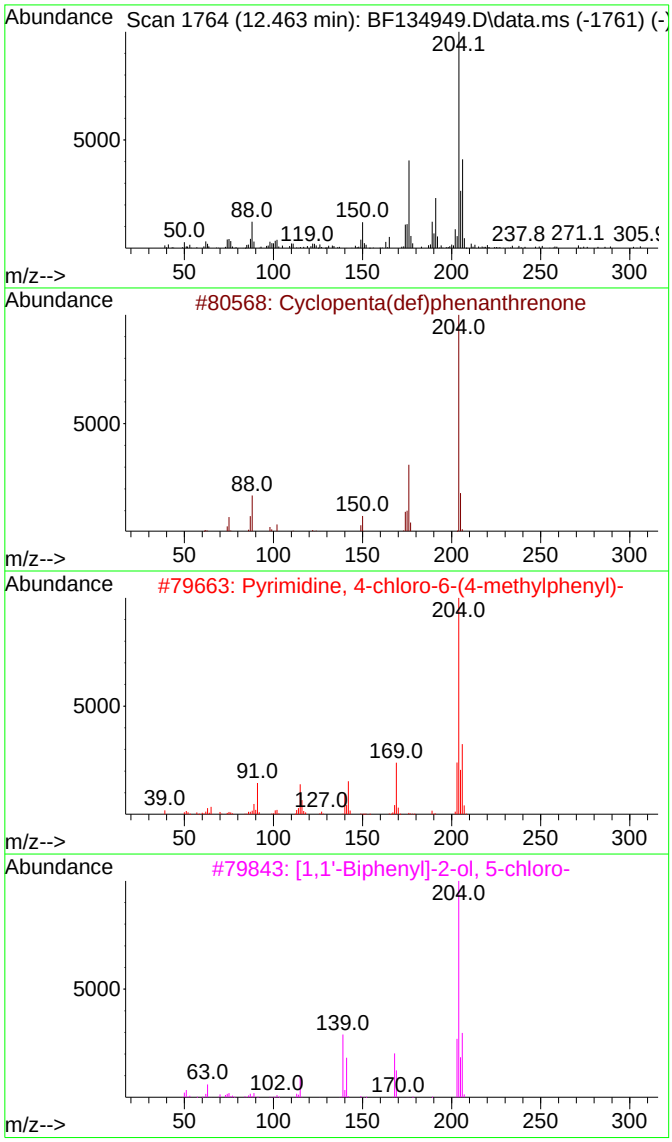
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

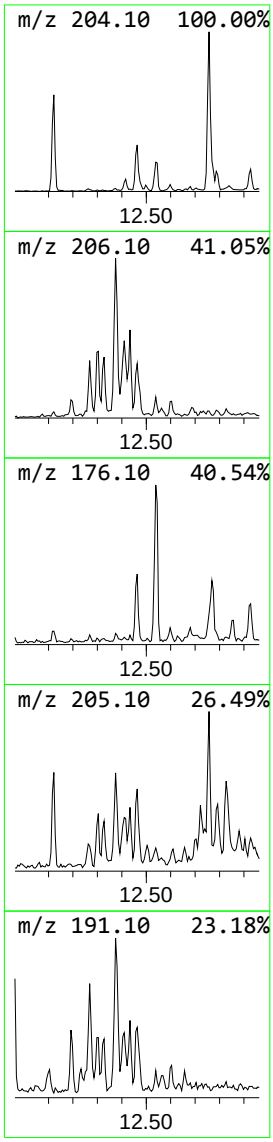
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.80 ng	113903	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38





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Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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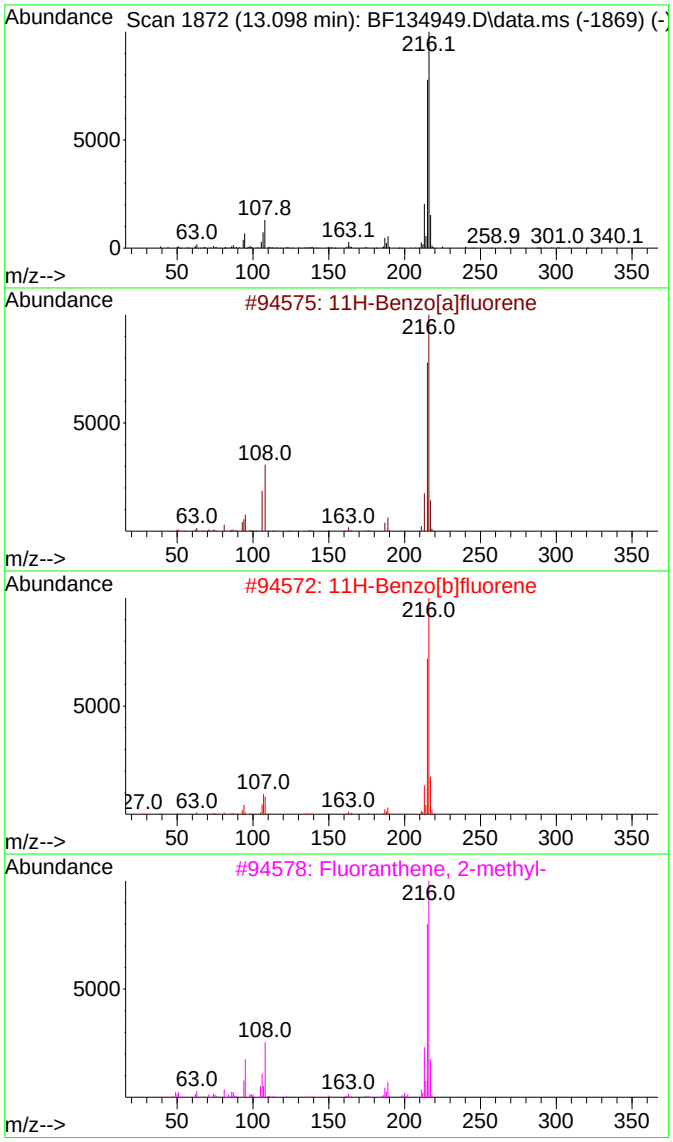
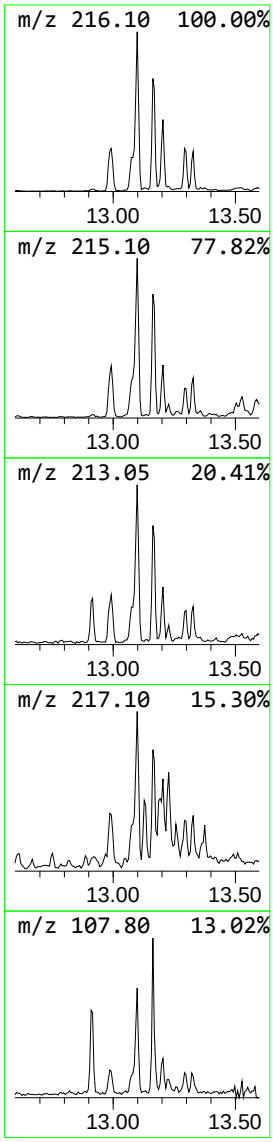
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	3.30 ng	370681	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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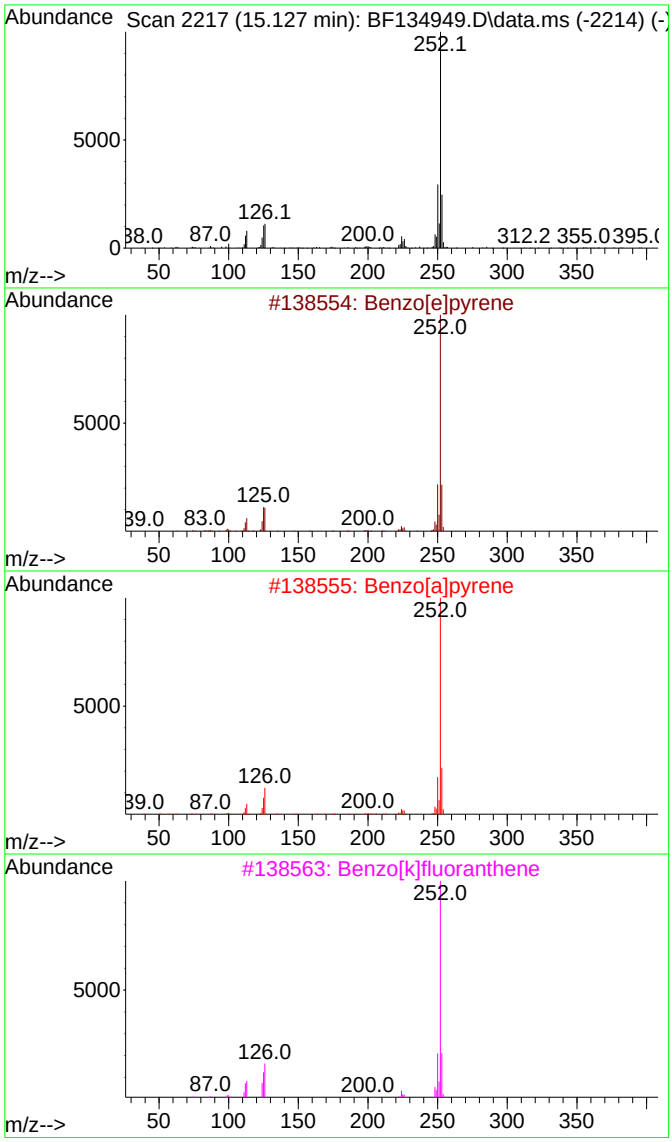
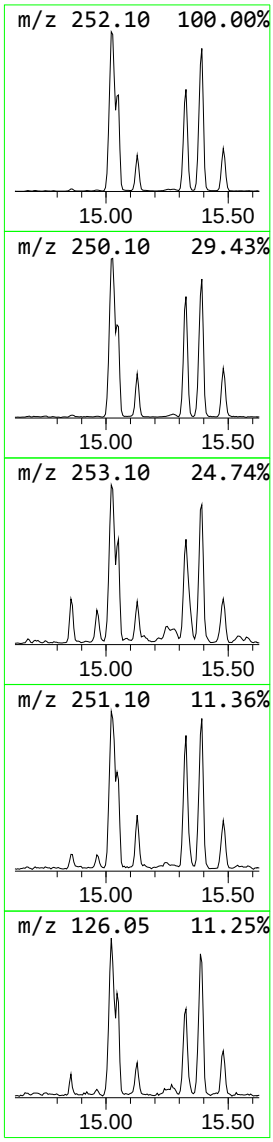
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	13.73 ng	255137	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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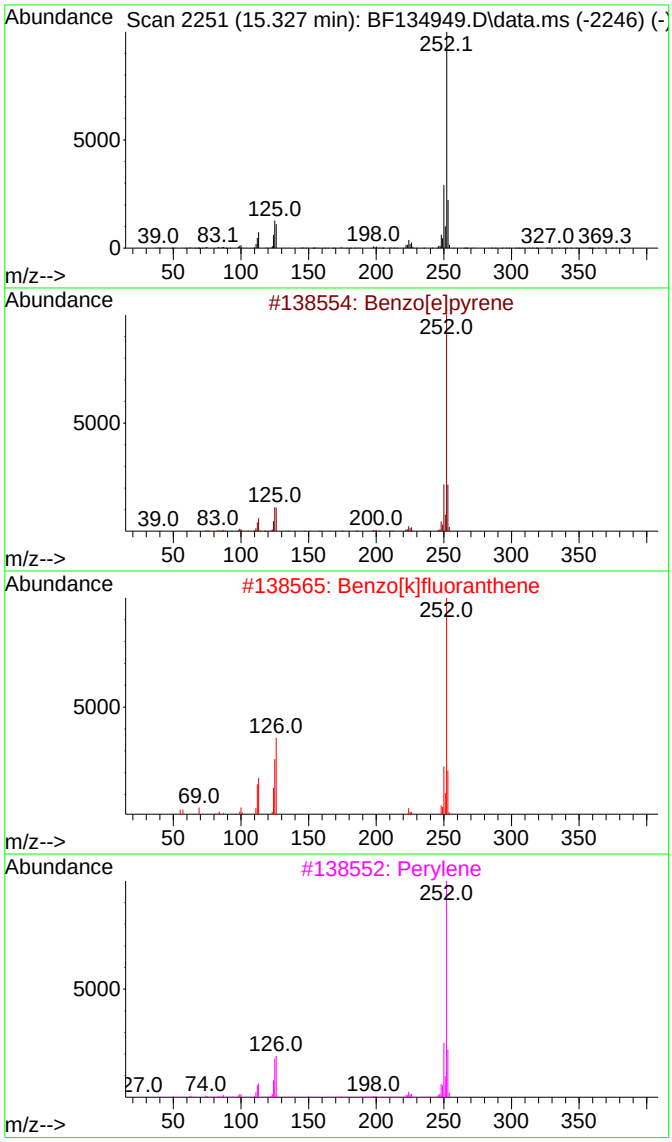
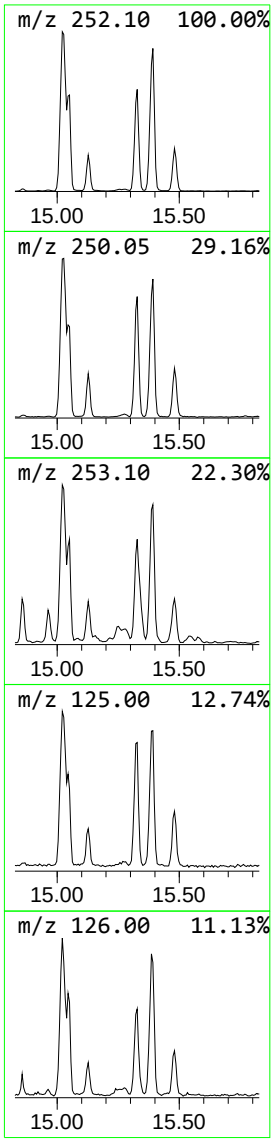
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	50.18 ng	932532	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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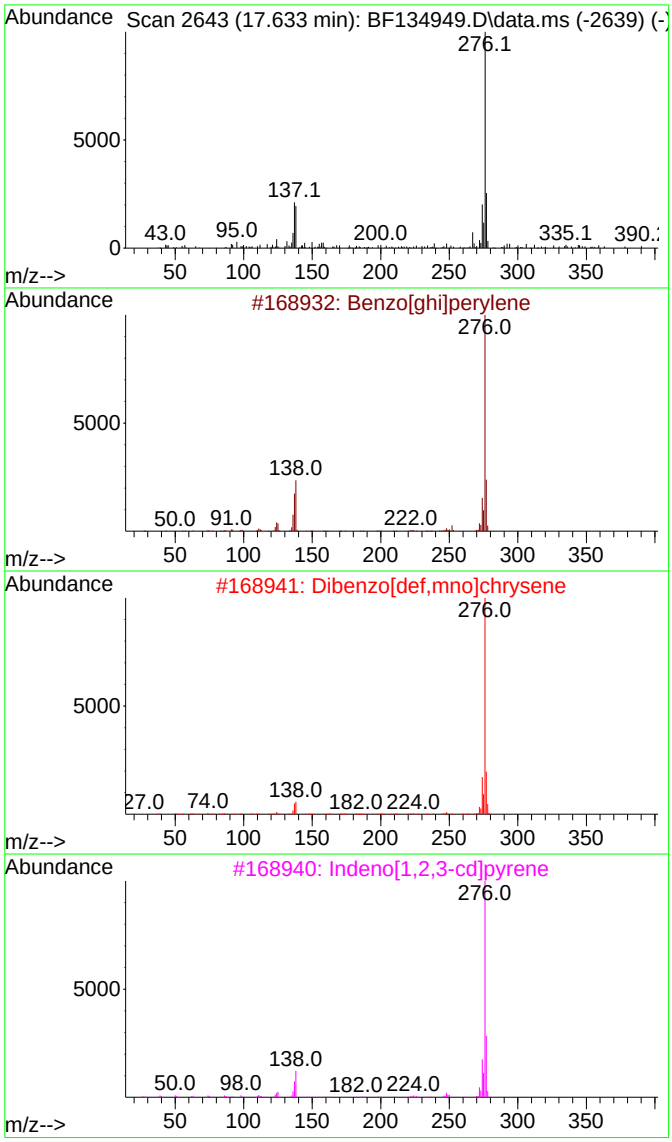
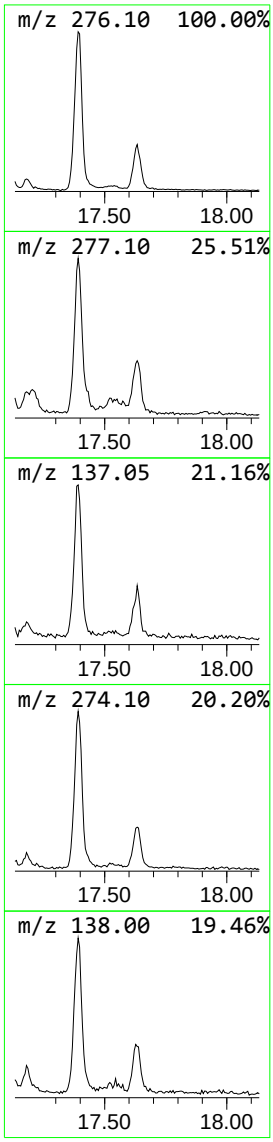
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.633	8.61 ng	159970	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	87
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	64
4	Vitexifolin E	336	C20H32O4	351427-22-0	46
5	2-Dodecyl-p-cresol	276	C19H32O	025912-91-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134949.D
Acq On : 25 Aug 2023 19:40
Operator : CG\JU
Sample : 04110-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11(1-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
2-Pentanone, 4-...	5.004	22.1	ng	569124	1	6.787	514886	20.0
Benzenamine, 2,...	9.398	4.5	ng	150181	3	9.822	670753	20.0
Naphthalene, 2,...	9.480	3.3	ng	109359	3	9.822	670753	20.0
unknown10.745	10.745	8.1	ng	241661	4	11.316	598795	20.0
9H-Fluoren-9-one	11.122	3.8	ng	112952	4	11.316	598795	20.0
Tridecane	11.186	5.6	ng	167952	4	11.316	598795	20.0
Naphtho[2,1-b]t...	11.216	4.5	ng	135721	4	11.316	598795	20.0
5H-Dibenzo[a,d]...	11.822	5.8	ng	173911	4	11.316	598795	20.0
Phenanthrene, 1...	11.851	12.0	ng	359133	4	11.316	598795	20.0
4H-Cyclopenta[d...	11.933	11.4	ng	342866	4	11.316	598795	20.0
Phenanthrene, 2...	11.957	4.1	ng	122327	4	11.316	598795	20.0
Naphthalene, 2-...	12.121	4.4	ng	132983	4	11.316	598795	20.0
9,10-Anthracene...	12.145	3.7	ng	110975	4	11.316	598795	20.0
Phenanthrene, 2...	12.374	5.4	ng	160644	4	11.316	598795	20.0
unknown12.416	12.416	5.2	ng	156527	4	11.316	598795	20.0
Cyclopenta(def)...	12.463	3.8	ng	113903	4	11.316	598795	20.0
11H-Benzo[a]flu...	13.098	3.3	ng	370681	5	13.974	2246390	20.0
Benzo[e]pyrene	15.127	13.7	ng	255137	6	15.451	371709	20.0
Perylene	15.327	50.2	ng	932532	6	15.451	371709	20.0
Dibenzo[def,mno...	17.633	8.6	ng	159970	6	15.451	371709	20.0