LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139543.D
Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ231

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	17	rVB	804055	1237140	76.98%	5.313%
2	5.093	500	510	519	rBV	74396	119361	7.43%	0.513%
3	5.498	570	579	584	rBV	1180660	1570834	97.74%	6.746%
4	6.504	744	750	768	rVB	1157071	1555409	96.78%	6.680%
5	6.875	808	813	818	rBV	355539	429215	26.71%	1.843%
6	7.440	901	909	914	rBV	767754	995129	61.92%	4.274%
7	7.692	947	952	963	rVB	18480	26206	1.63%	0.113%
8	8.157	1023	1031	1039	rBV	411863	519873	32.35%	2.233%
9	9.234	1208	1214	1219	rBV	1288623	1607138	100.00%	6.902%
10	9.569	1267	1271	1274	rVV	14596	21425	1.33%	0.092%
11	9.634	1276	1282	1287	rVV5	14695	34836	2.17%	0.150%
12	9.775	1301	1306	1310	rBV	72633	92603	5.76%	0.398%
13	9.910	1322	1329	1333	rBV	390476	498000	30.99%	2.139%
14	9.945	1333	1335	1339	rVV	39278	39928	2.48%	0.171%
15	10.116	1359	1364	1367	rVV	30077	41146	2.56%	0.177%
16	10.151	1367	1370	1378	rVB	21713	26132	1.63%	0.112%
17	10.228	1378	1383	1385	rBV2	21159	30313	1.89%	0.130%
18	10.251	1385	1387	1393	rVB2	13307	18908	1.18%	0.081%
19	10.316	1393	1398	1404	rBV6	16758	36136	2.25%	0.155%
20	10.457	1416	1422	1428	rVB2	43273	70765	4.40%	0.304%
21	10.522	1428	1433	1435	rBV3	13235	22213	1.38%	0.095%
22	10.622	1444	1450	1457	rVB	239656	316642	19.70%	1.360%
23	10.698	1458	1463	1475	rVB	632477	826627	51.43%	3.550%
24	10.822	1479	1484	1490	rVB4	37134	57614	3.58%	0.247%
25	10.933	1499	1503	1507	rVB	24673	31534	1.96%	0.135%
26	11.004	1510	1515	1518	rBV3	30431	47111	2.93%	0.202%
27	11.133	1532	1537	1539	rBV4	19687	31811	1.98%	0.137%
28	11.204	1545	1549	1553	rVV3	17717	21779	1.36%	0.094%
29	11.245	1553	1556	1561	rVV4	19826	33452	2.08%	0.144%
30	11.292	1561	1564	1570	rVB	25852	37315	2.32%	0.160%
31	11.398	1577	1582	1584	rBV	371392	494453	30.77%	2.124%
32	11.422	1584	1586	1590	rVV	309288	336868	20.96%	1.447%
33	11.475	1590	1595	1598	rVV	82582	112976	7.03%	0.485%
34	11.504	1598	1600	1605	rVB2	23029	30670	1.91%	0.132%
35	11.633	1617	1622	1628	rBV2	33997	70948	4.41%	0.305%
36	11.692	1629	1632	1635	rVV	32300	45804	2.85%	0.197%

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ231

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.728	1635	1638	1643	rVB	46347	61111	3.80%	0.262%
38	11.810	1649	1652	1656	rVB	26103	34380	2.14%	0.148%
39	11.857	1656	1660	1662	rBV4	15301	22654	1.41%	0.097%
40	11.898	1663	1667	1668	rVV	108193	121134	7.54%	0.520%
41	11.922	1668	1671	1676	rVV2	242983	376196	23.41%	1.616%
42	11.975	1676	1680	1682	rVV2	62424	89883	5.59%	0.386%
43	12.010	1682	1686	1695	rVB	198675	403977	25.14%	1.735%
44	12.086	1696	1699	1703	rBV4	21127	43904	2.73%	0.189%
45	12.133	1704	1707	1710	rVV2	42991	52568	3.27%	0.226%
46	12.192	1713	1717	1719	rVV	80685	115993	7.22%	0.498%
47	12.222	1720	1722	1728	rVB2	78866	97484	6.07%	0.419%
48	12.345	1737	1743	1745	rBV2	42667	80036	4.98%	0.344%
49	12.375	1745	1748	1750	rBV	50527	54799	3.41%	0.235%
50	12.451	1756	1761	1764	rBV	181845	274347	17.07%	1.178%
51	12.480	1764	1766	1772	rVV2	118588	215222	13.39%	0.924%
52	12.539	1772	1776	1784	rVV3	105932	195562	12.17%	0.840%
53	12.616	1784	1789	1793	rVV	785487	1029853	64.08%	4.423%
54	12.657	1793	1796	1801	rVV3	55512	112732	7.01%	0.484%
55	12.704	1802	1804	1808	rVV2	59370	84156	5.24%	0.361%
56	12.763	1812	1814	1821	rVV3	61764	105760	6.58%	0.454%
57	12.845	1821	1828	1833	rVV	799163	1265063	78.72%	5.433%
58	12.892	1833	1836	1840	rVB2	80742	109066	6.79%	0.468%
59	12.980	1844	1851	1859	rVB	1088188	1565699	97.42%	6.724%
60	13.057	1859	1864	1871	rBV4	137071	279630	17.40%	1.201%
61	13.116	1871	1874	1876	rBV	31095	37303	2.32%	0.160%
62	13.169	1876	1883	1887	rVB2	170353	354664	22.07%	1.523%
63	13.233	1887	1894	1897	rBV2	119171	206416	12.84%	0.886%
64	13.274	1897	1901	1908	rVB2	147208	224267	13.95%	0.963%
65	13.363	1913	1916	1919	rVV	105156	130048	8.09%	0.559%
66	13.392	1919	1921	1925	rVB	86568	100573	6.26%	0.432%
67	13.674	1966	1969	1974	rVB	98924	135635	8.44%	0.583%
68	13.786	1983	1988	1991	rBV3	134473	224915	13.99%	0.966%
69	13.880	2001	2004	2014	rVB2	123346	208794	12.99%	0.897%
70	14.033	2024	2030	2033	rBV2	590481	1027568	63.94%	4.413%
71	14.063	2033	2035	2042	rVB	400617	505462	31.45%	2.171%
72	14.421	2093	2096	2099	rVB	88462	102298	6.37%	0.439%
73	15.080	2204	2208	2216	rBV	233513	485327	30.20%	2.084%
74	15.386	2256	2260	2265	rVB	137362	205379	12.78%	0.882%
75	15.445	2266	2270	2276	rVV	181624	276579	17.21%	1.188%
76	15.510	2277	2281	2295	rVB2	173603	368430	22.92%	1.582%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139543.D
Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ231

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.974	2356	2360	2366	rVB	65548	110815	6.90%	0.476%
78	16.986	2527	2532	2541	rVB2	75160	161054	10.02%	0.692%
79	17.427	2603	2607	2619	rVB	62855	139545	8.68%	0.599%

Sum of corrected areas: 23284595

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
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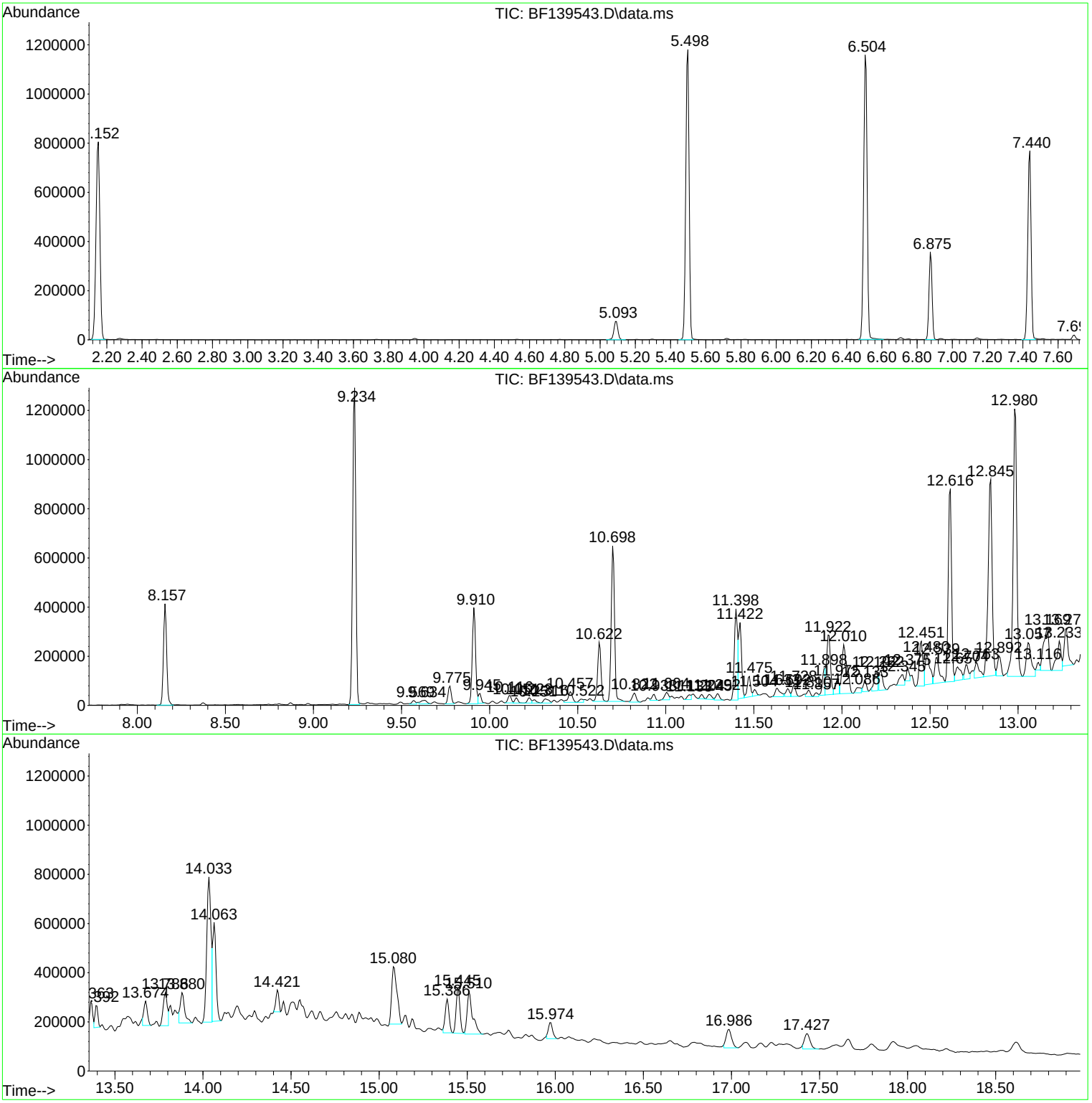
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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\BF092524\
Data File : BF139543.D
Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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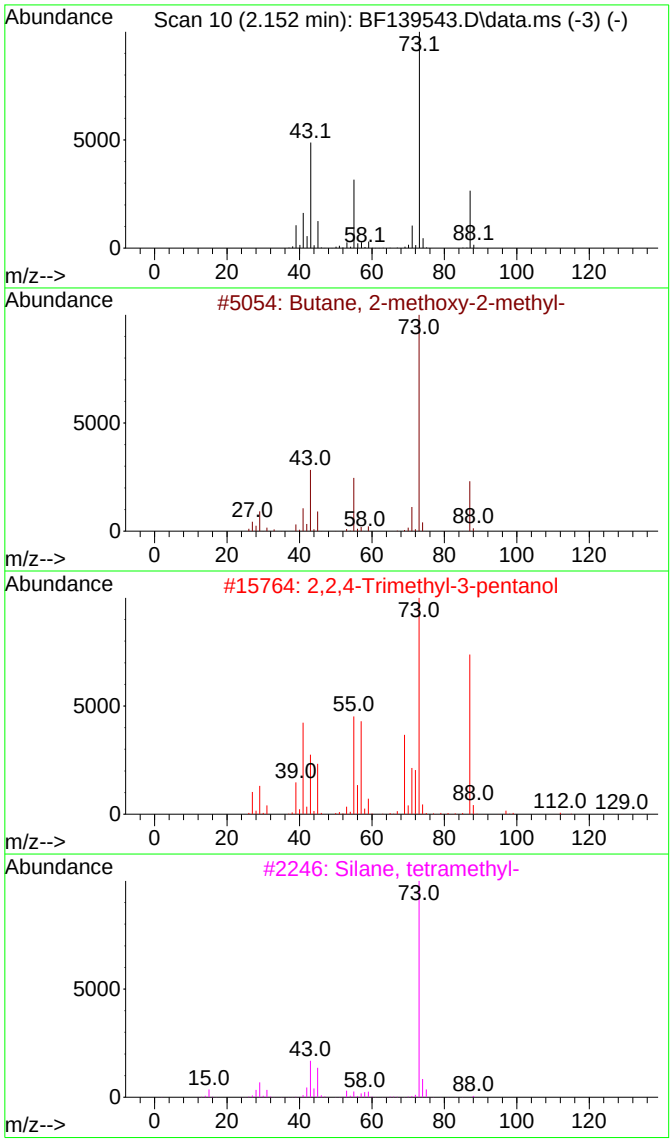
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

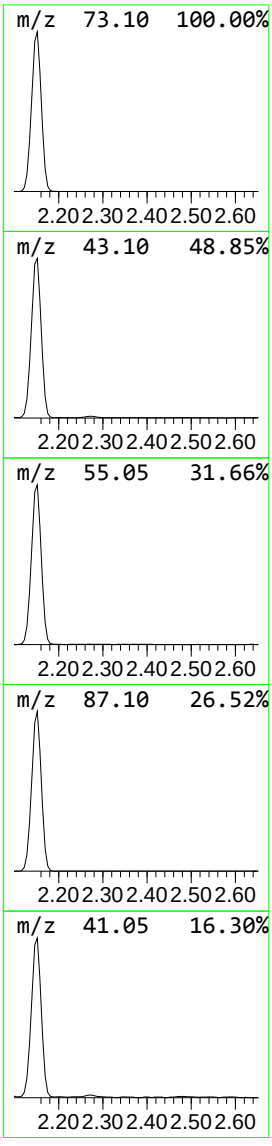
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	57.65 ng	1237140	1,4-Dichlorobenzene-d4	6.875

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139543.D
Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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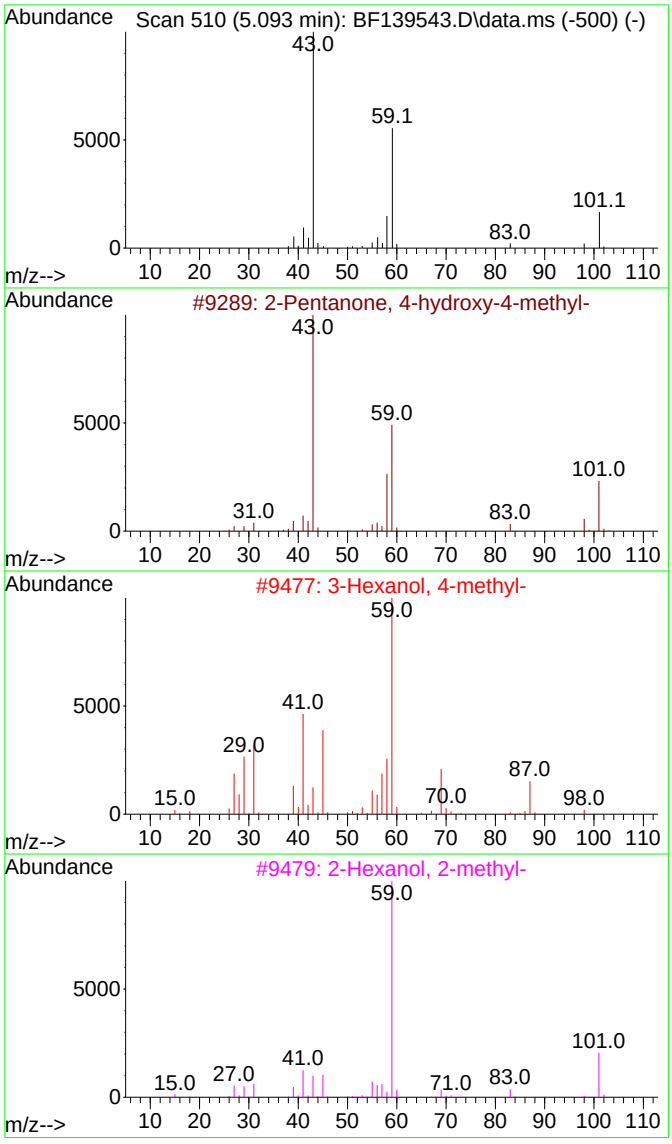
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

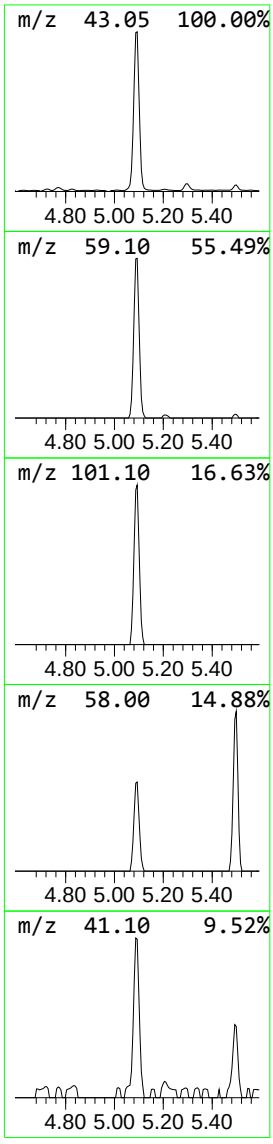
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.56 ng	119361	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139543.D
Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

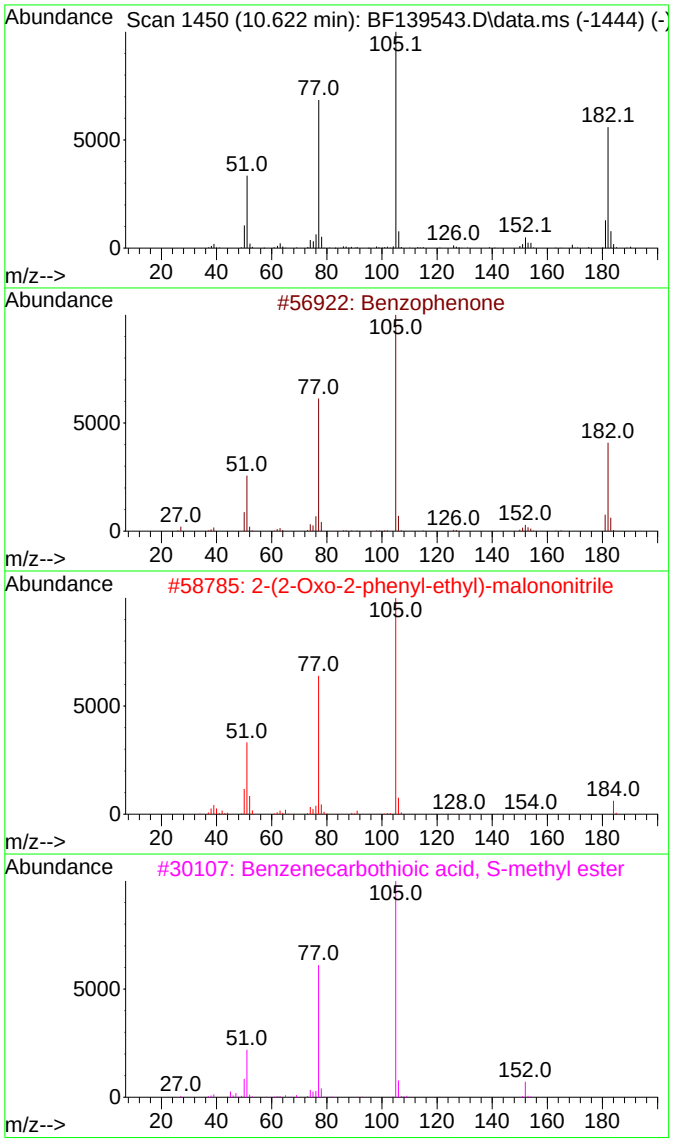
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

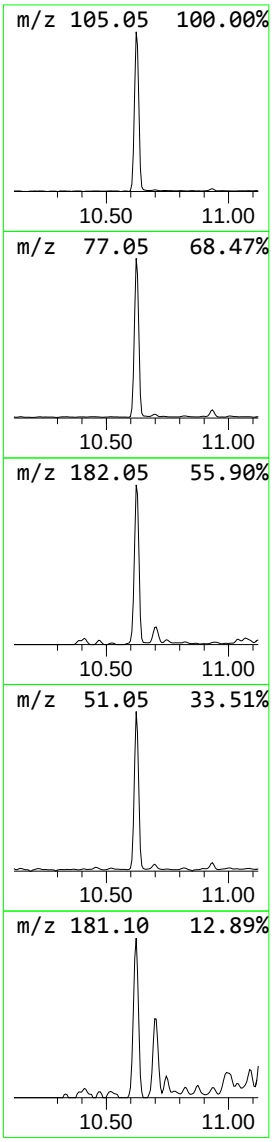
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	12.72 ng	316642	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
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Acq On : 25 Sep 2024 22:08
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

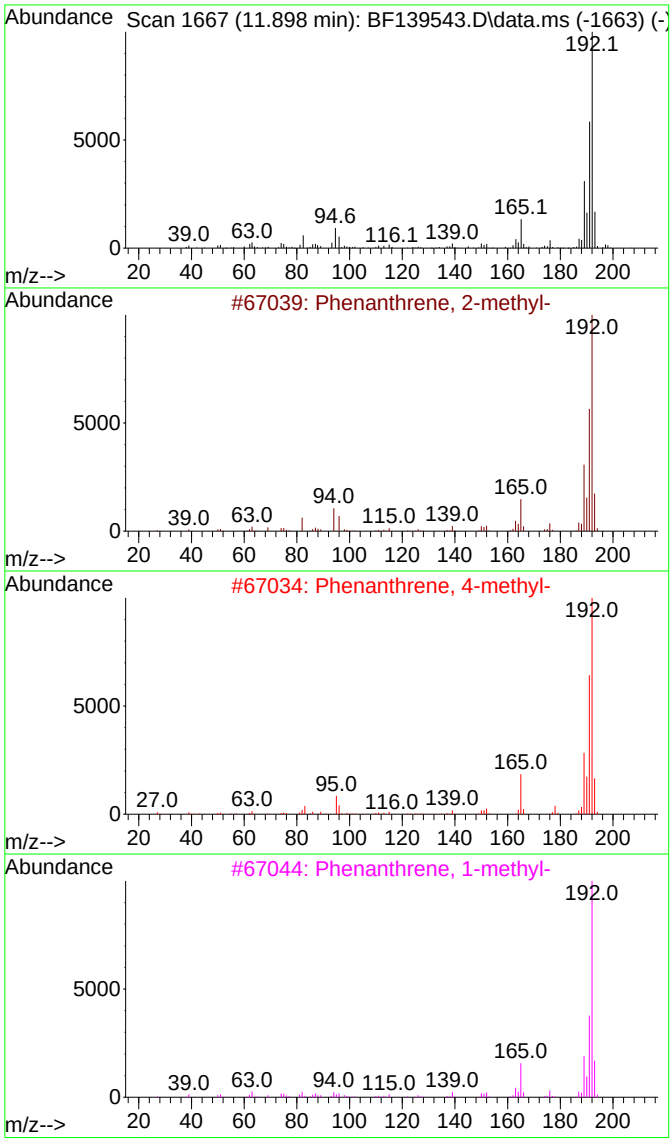
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

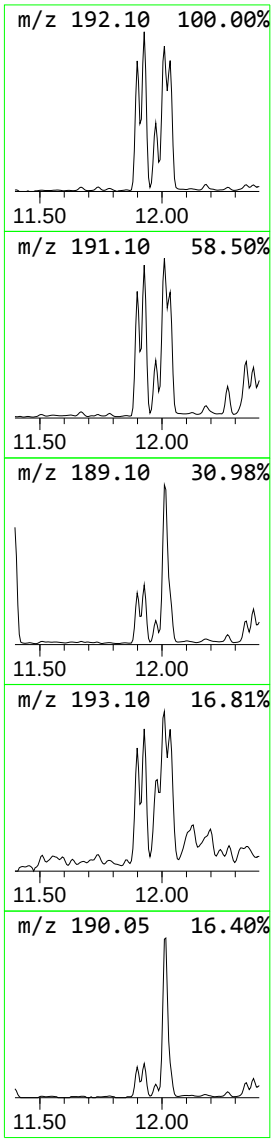
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	4.90 ng	121134	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

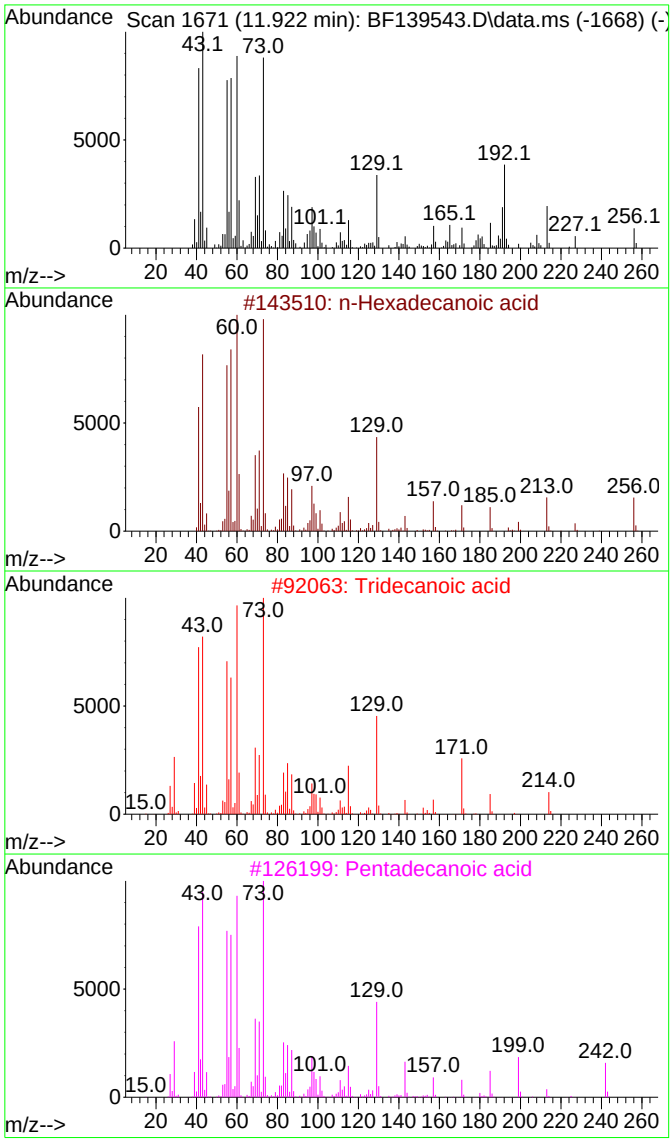
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

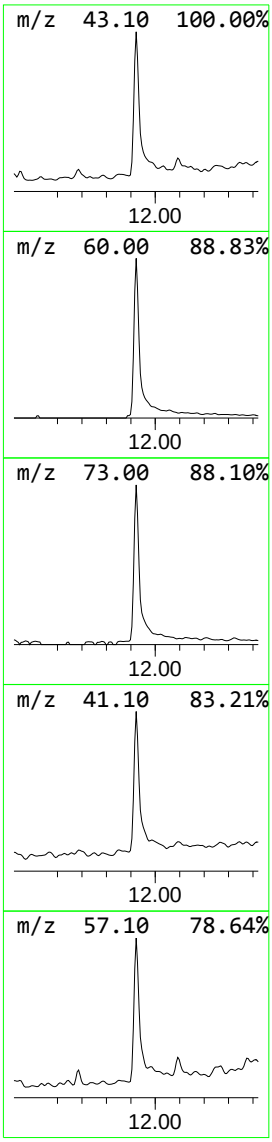
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	15.22 ng	376196	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139543.D
Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

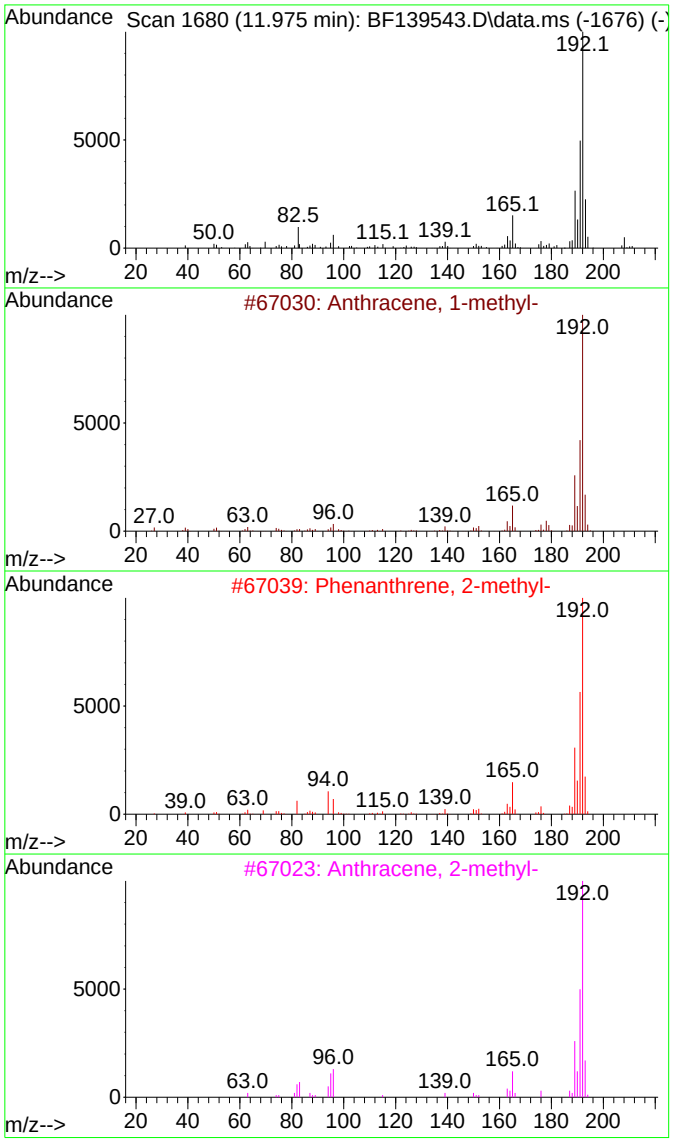
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

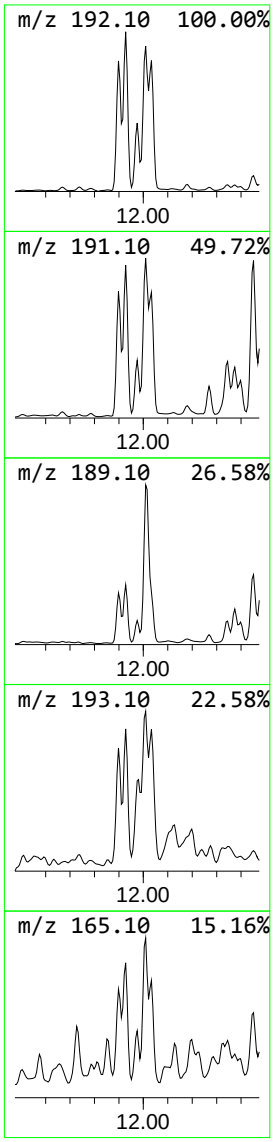
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.64 ng	89883	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

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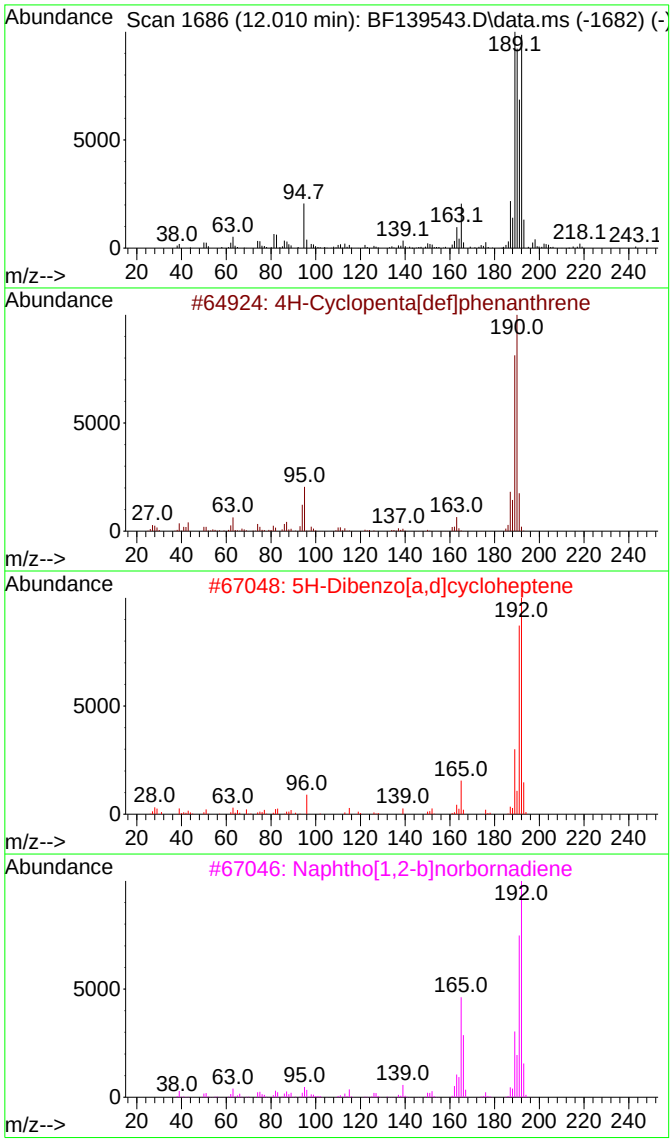
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

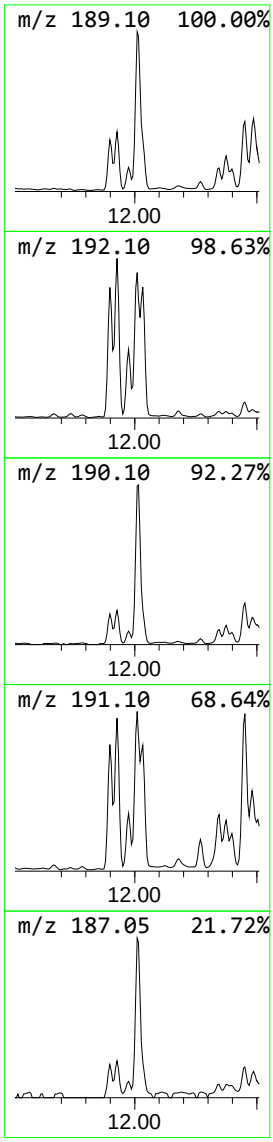
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	16.34 ng	403977	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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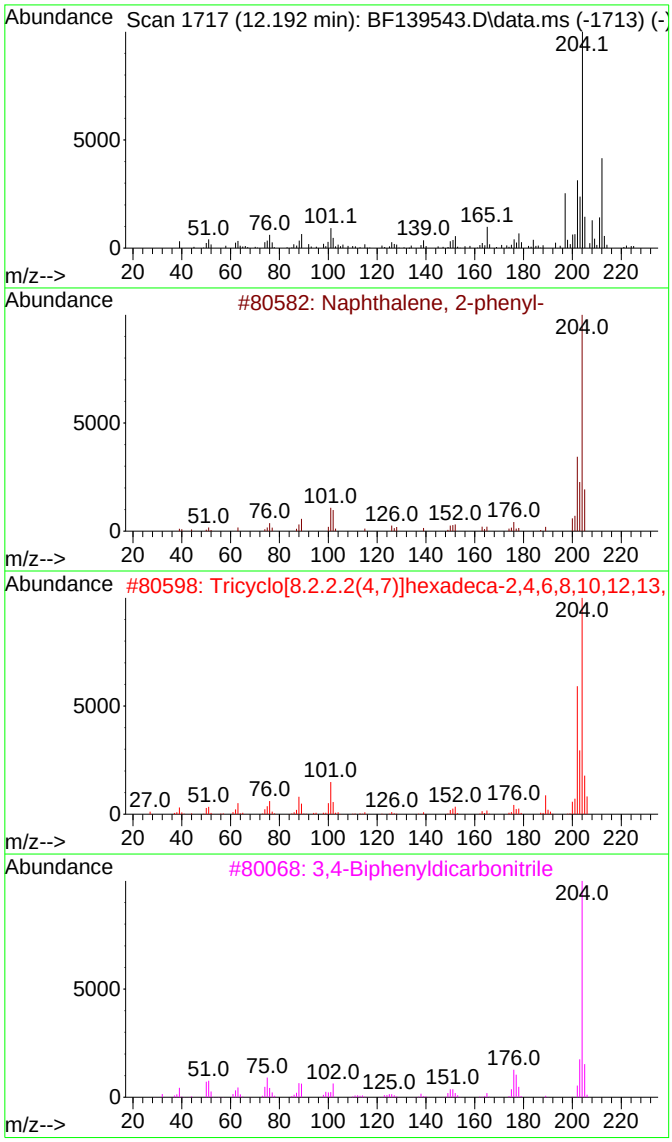
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

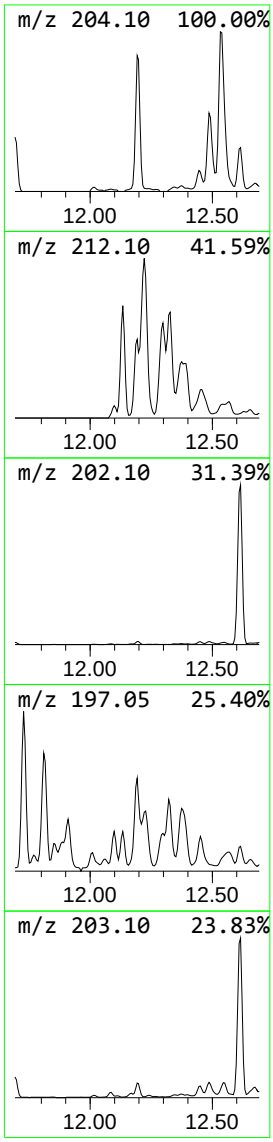
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	4.69 ng	115993	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	38
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	35





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

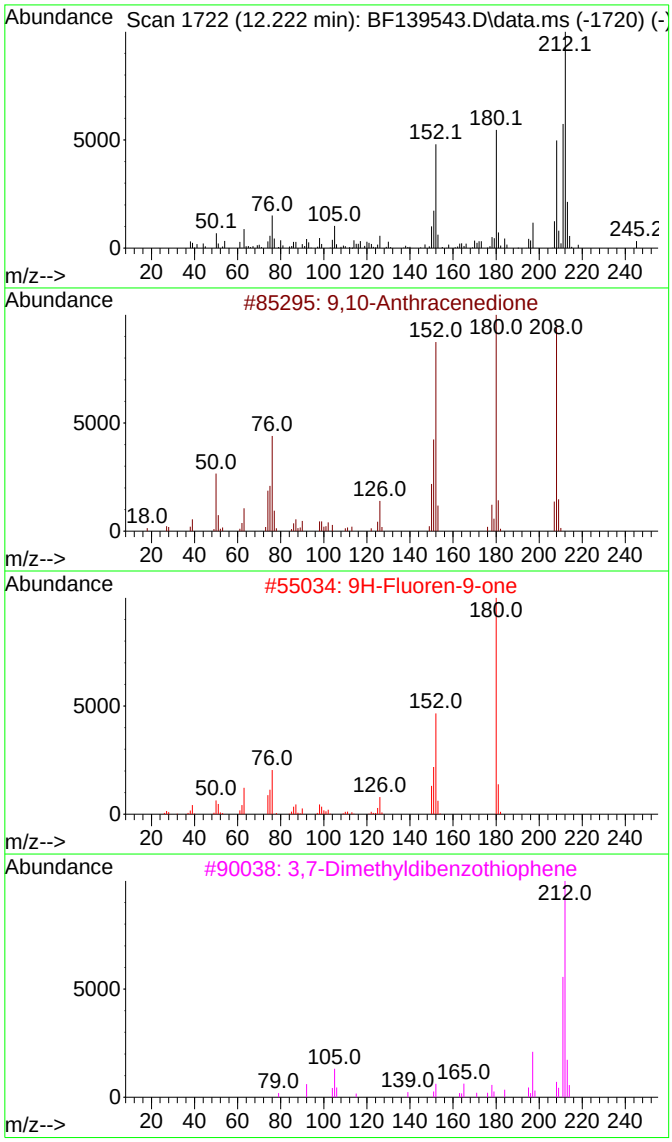
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

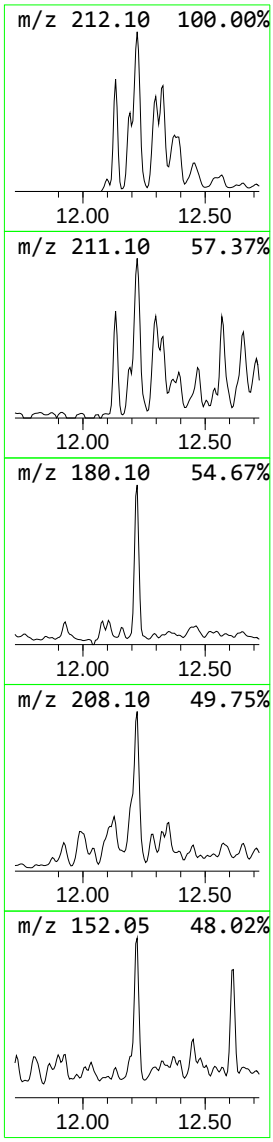
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	3.94 ng	97484	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	56
3	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	55
4	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	46
5	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	45





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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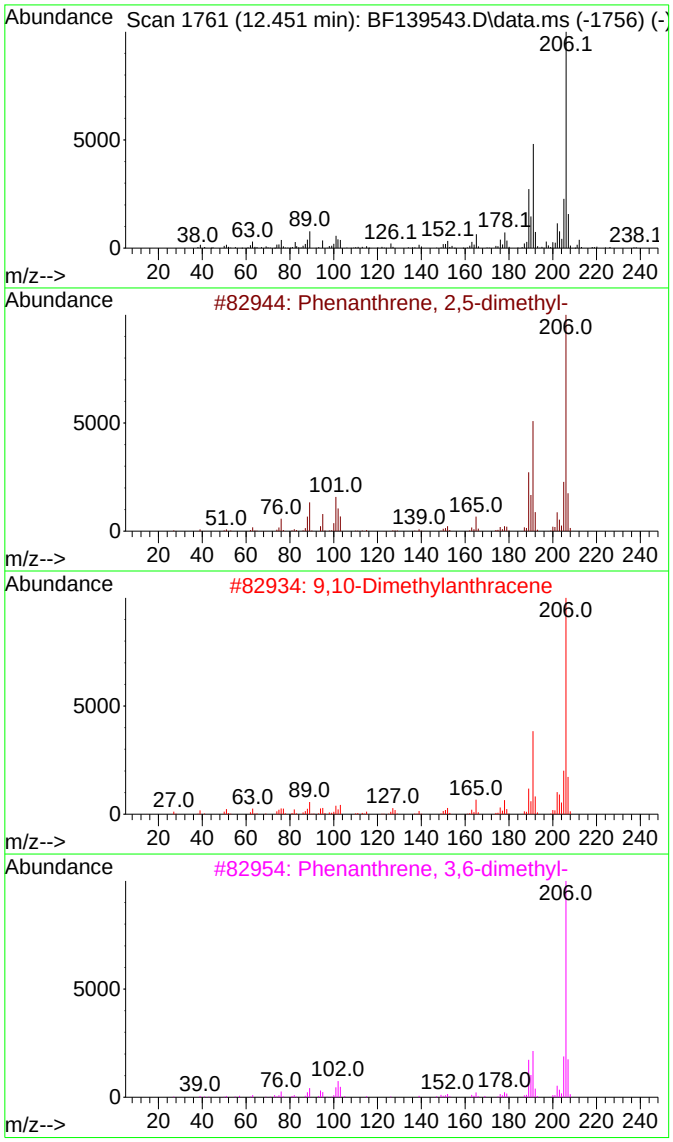
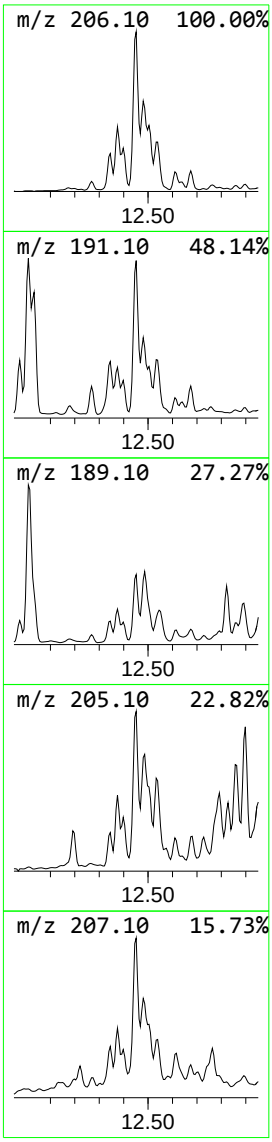
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	11.10 ng	274347	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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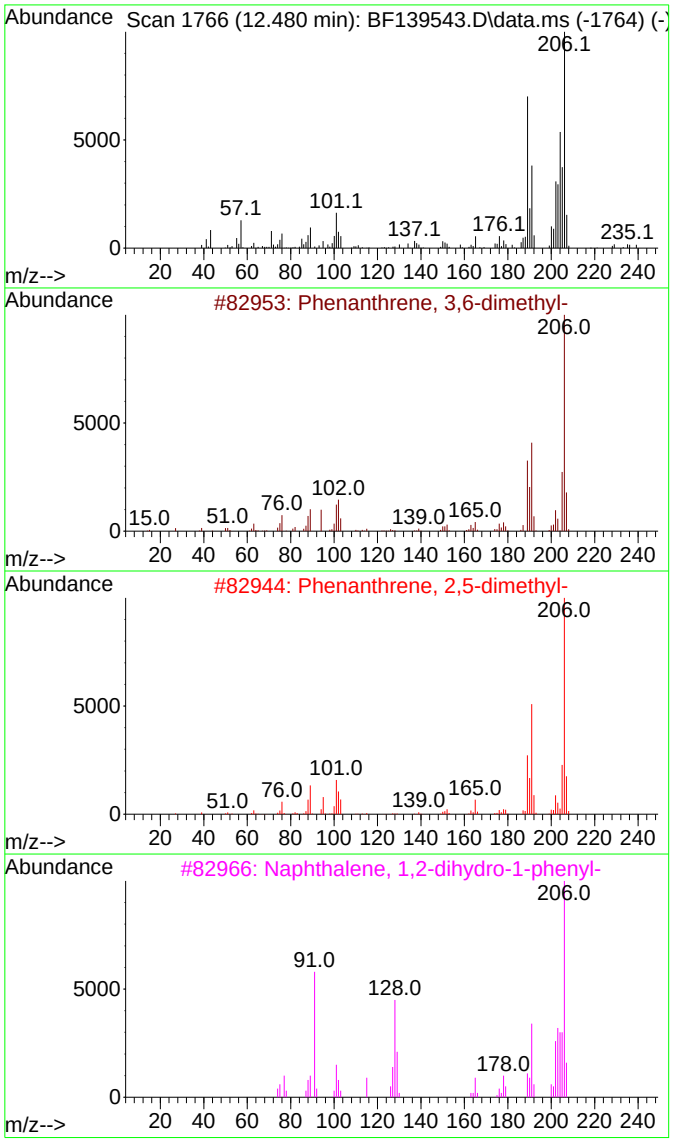
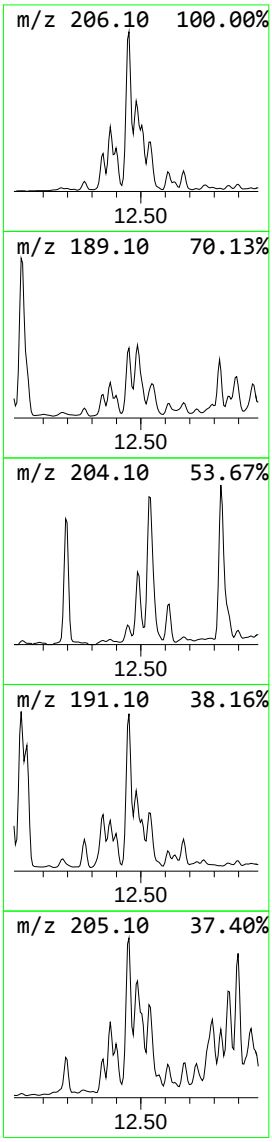
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	8.71 ng	215222	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	55
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	49





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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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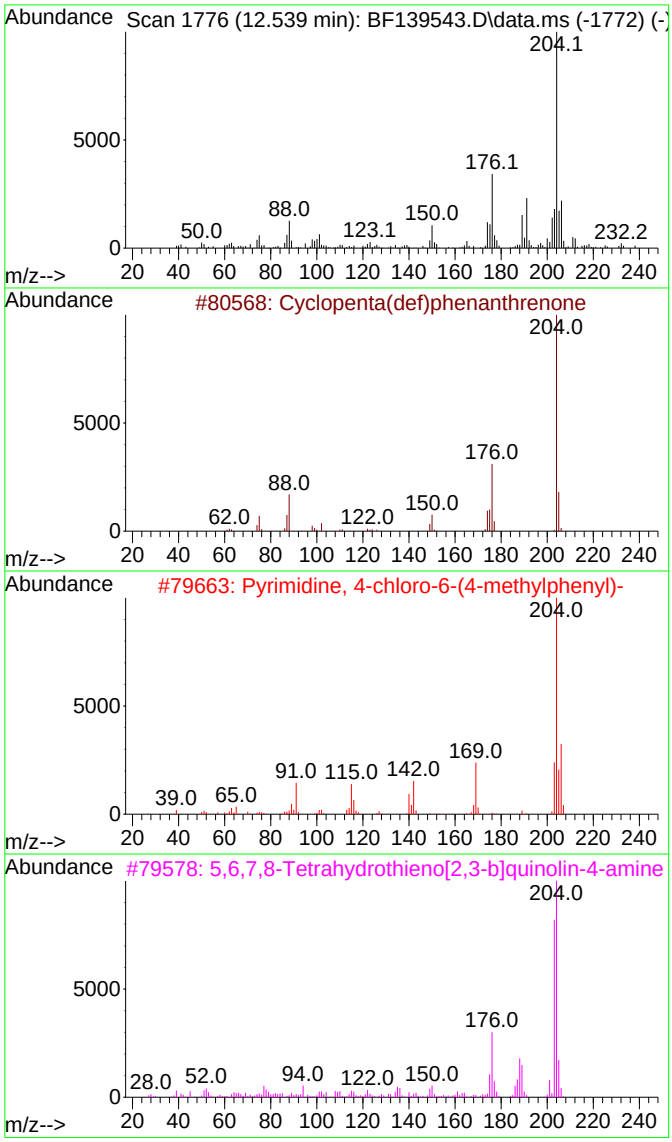
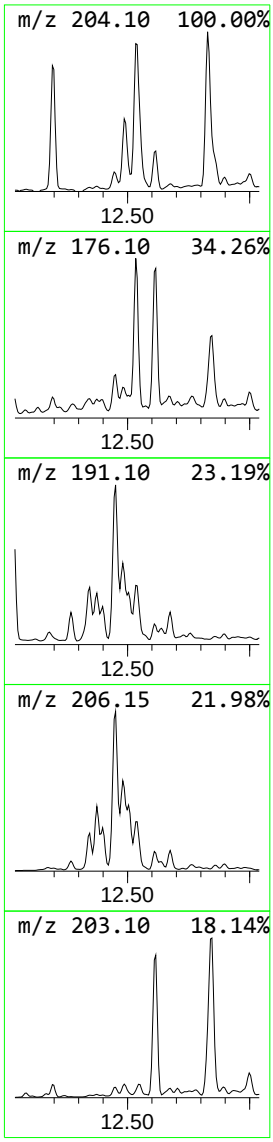
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	7.91 ng	195562	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	52
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	52
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49





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Sample : P4178-04
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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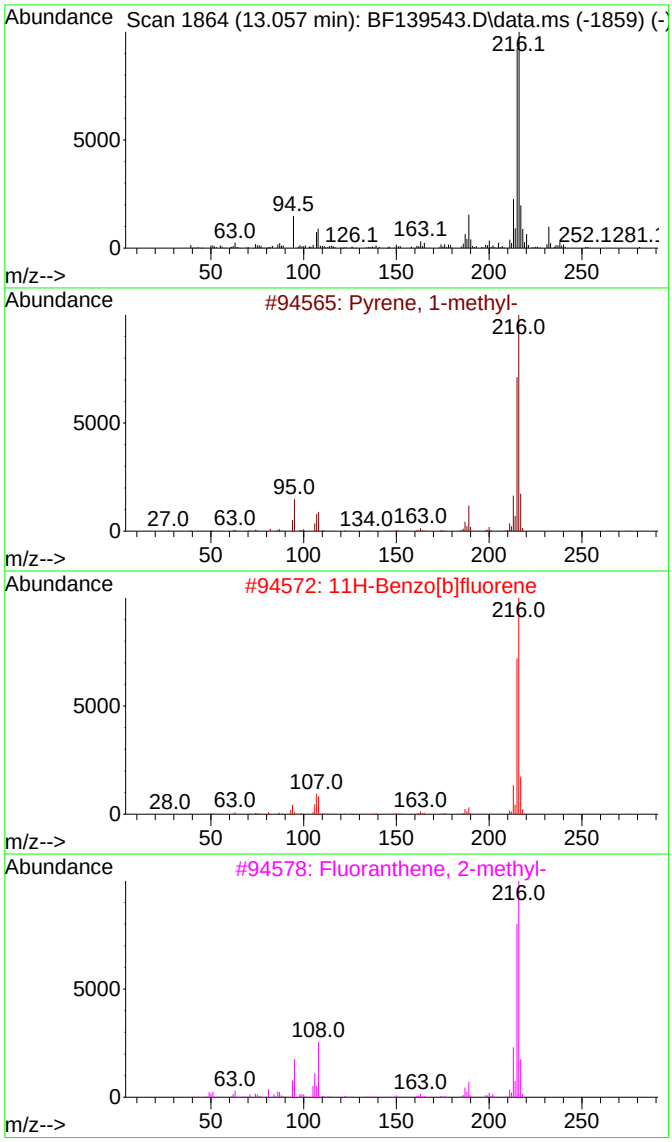
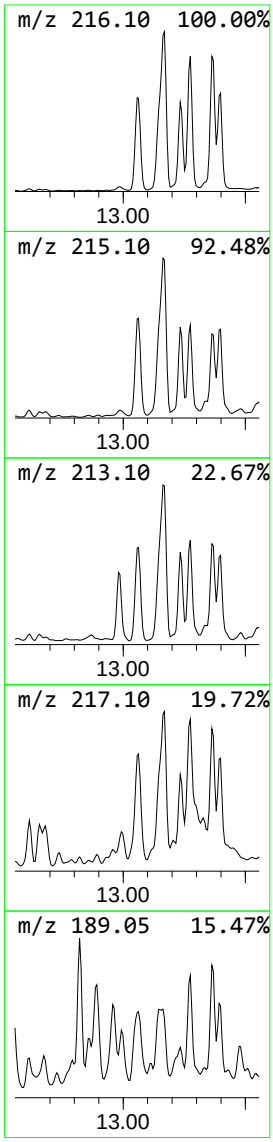
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	5.44 ng	279630	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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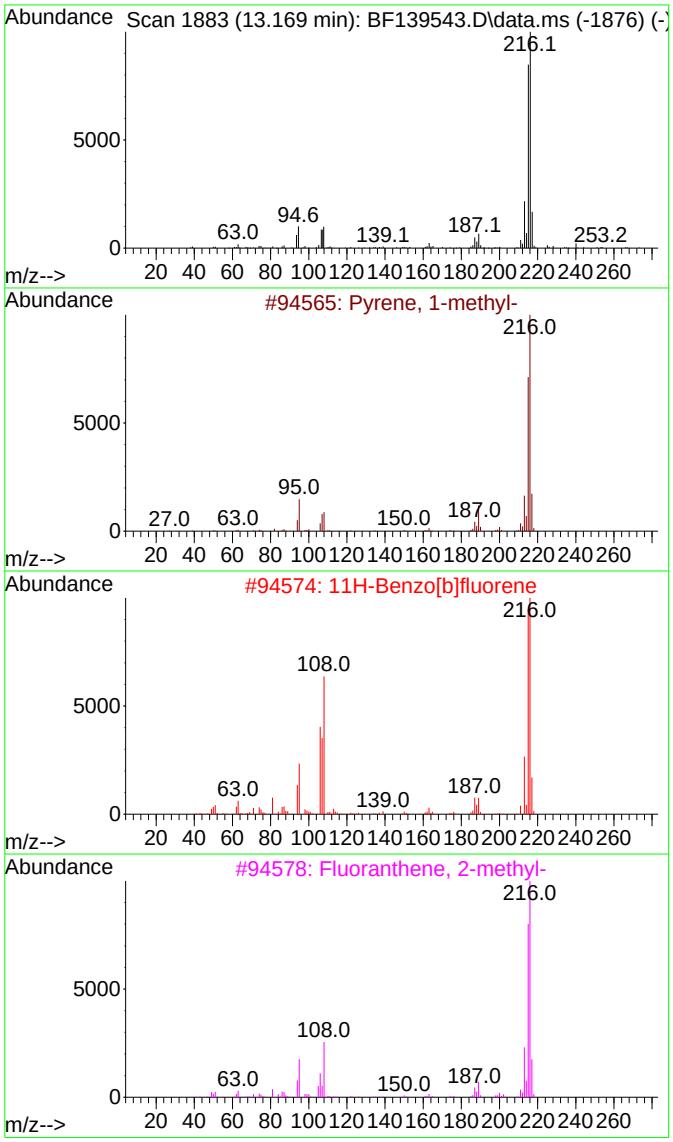
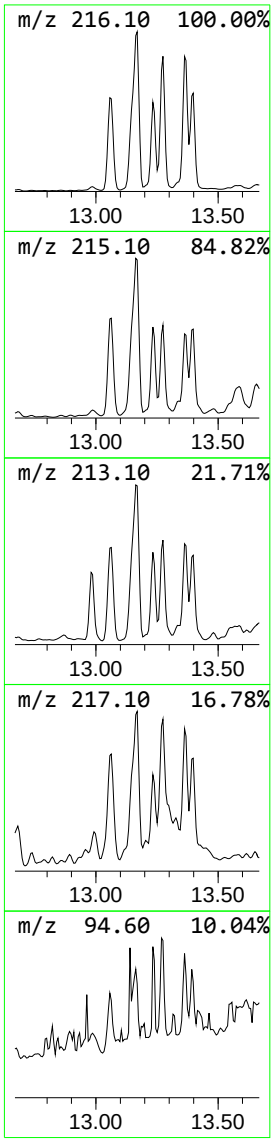
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	6.90 ng	354664	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ALS Vial : 16 Sample Multiplier: 1

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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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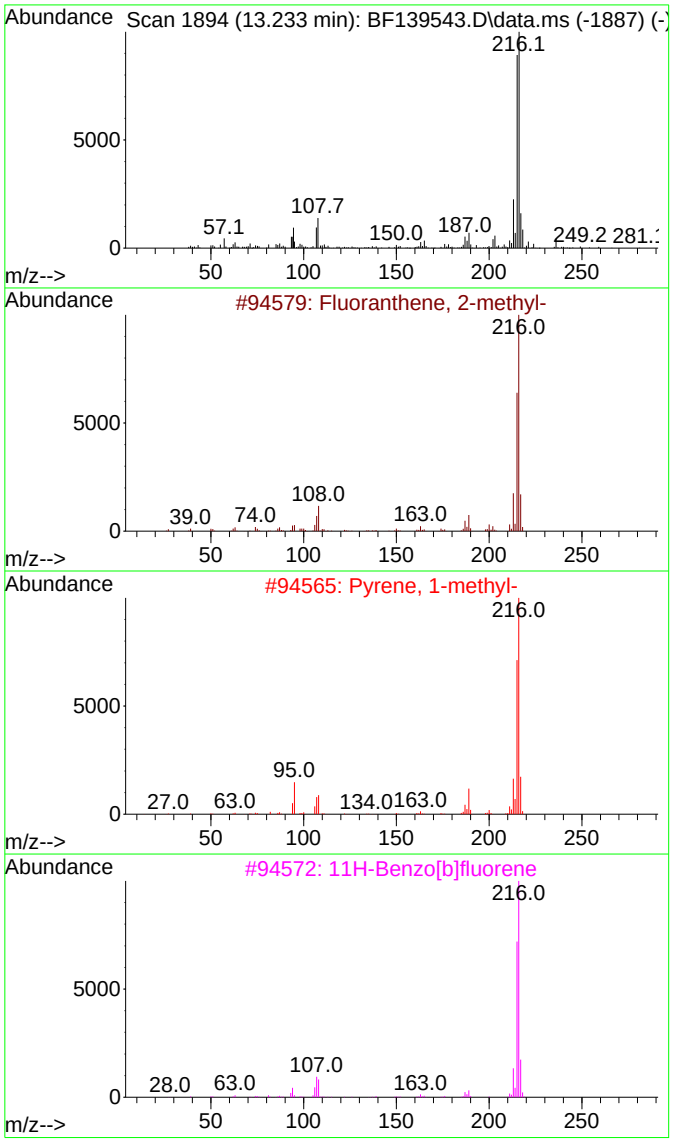
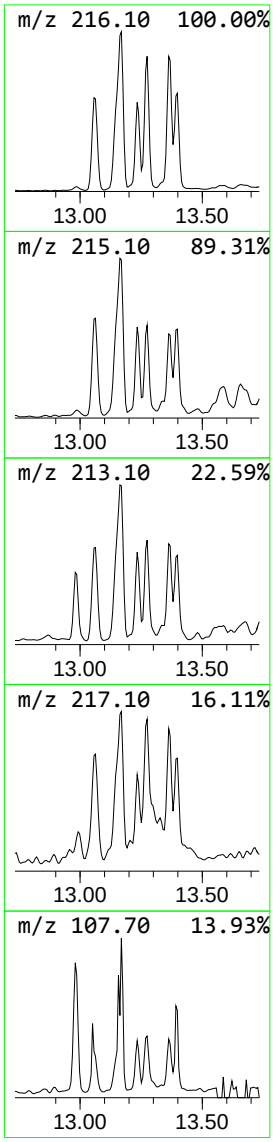
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	4.02 ng	206416	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
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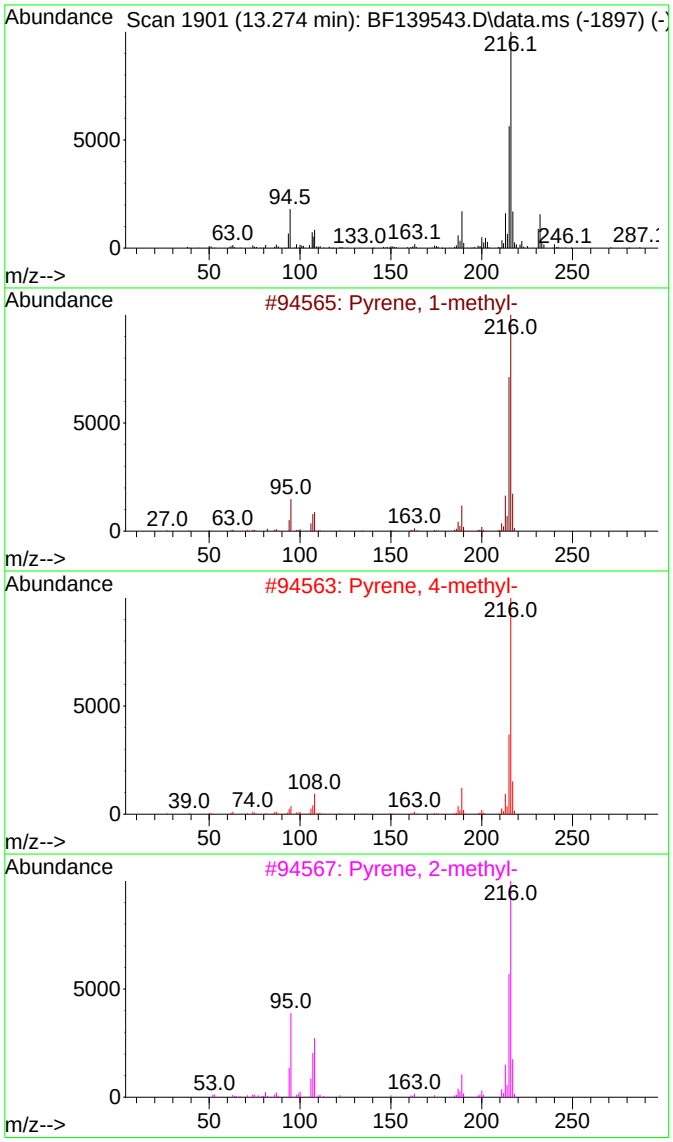
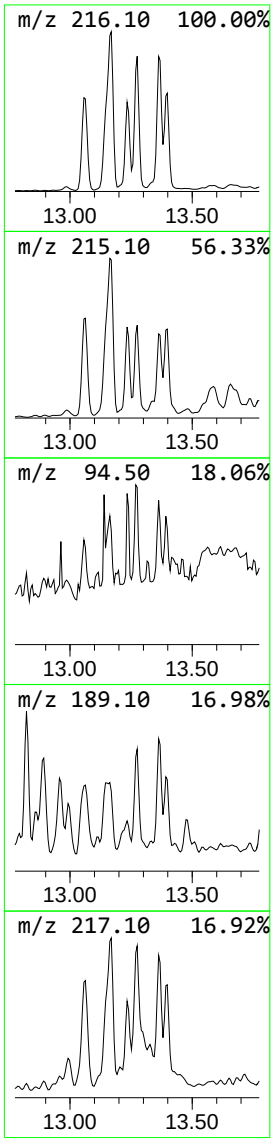
****

Peak Number 16 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	4.37 ng	224267	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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ALS Vial : 16 Sample Multiplier: 1

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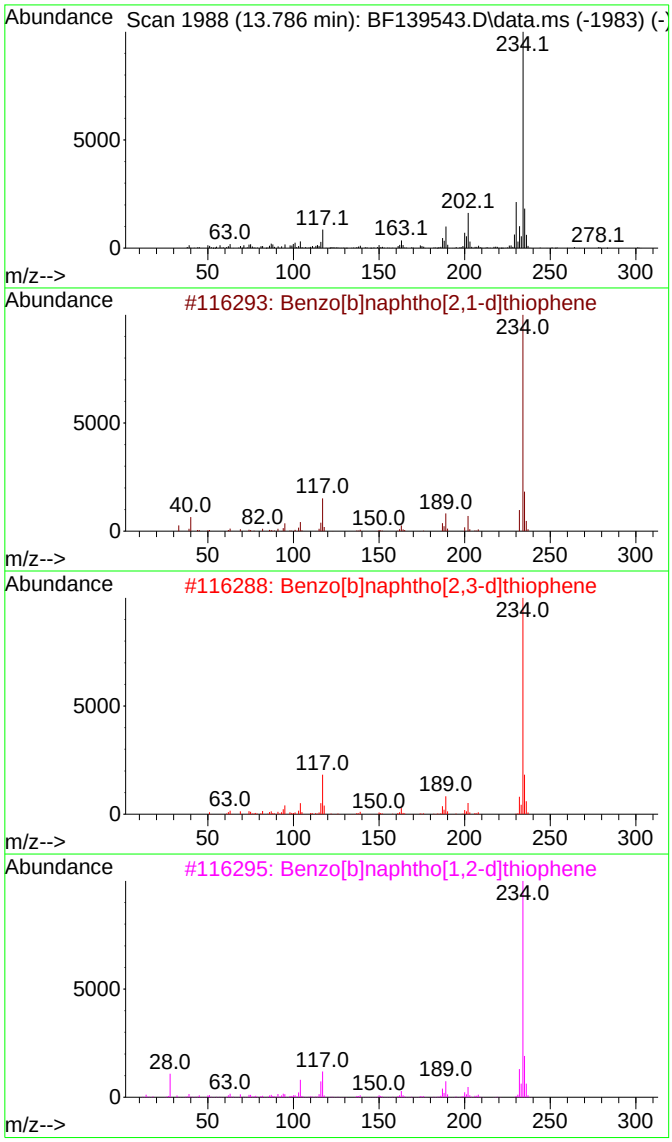
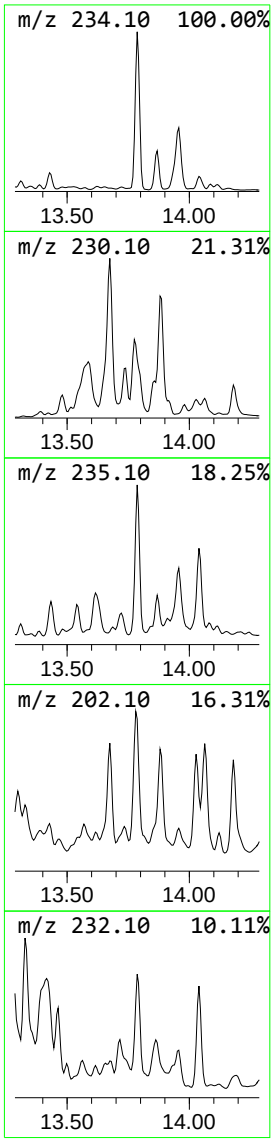
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	4.38 ng	224915	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	70
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	70
5	1,3,6,8-Tetramethylanthracene	234	C18H18	017526-53-3	42





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Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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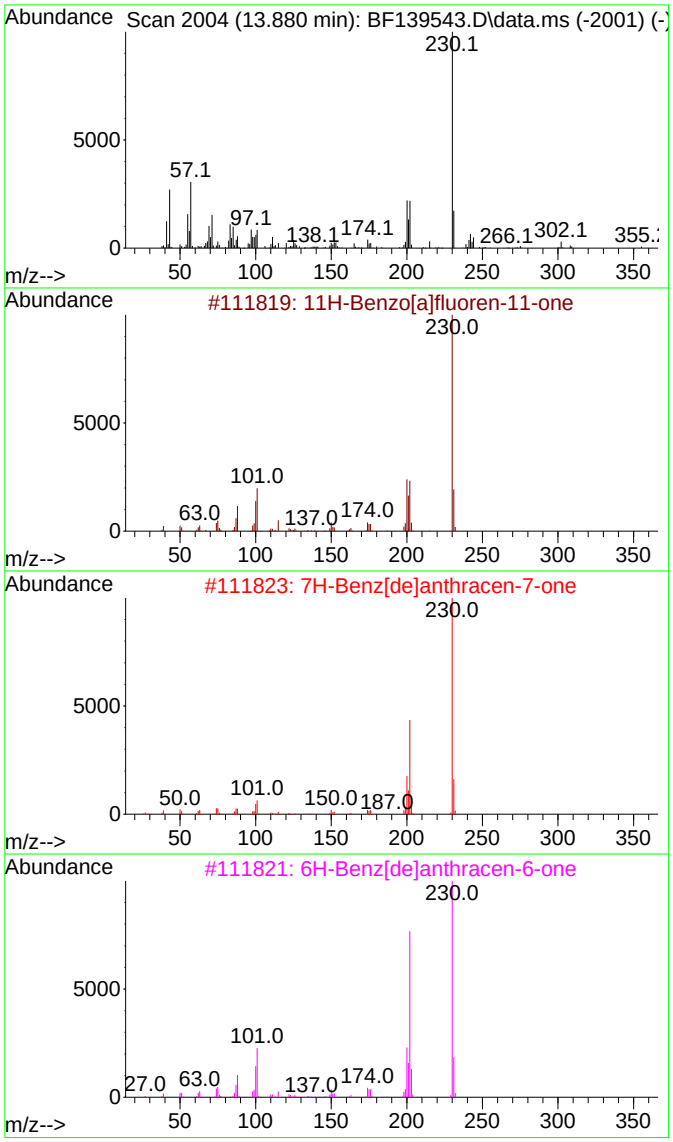
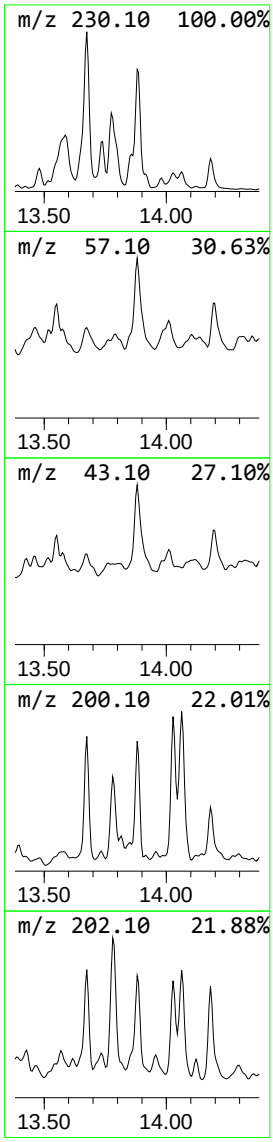
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	4.06 ng	208794	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	53
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	50
5	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139543.D
Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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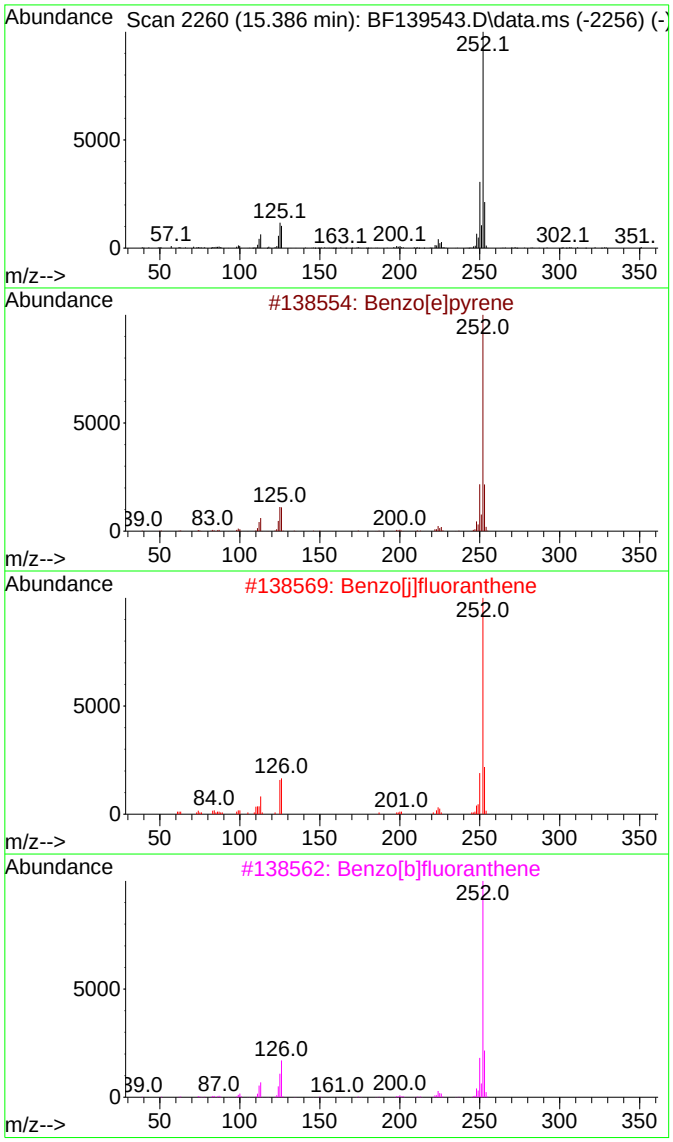
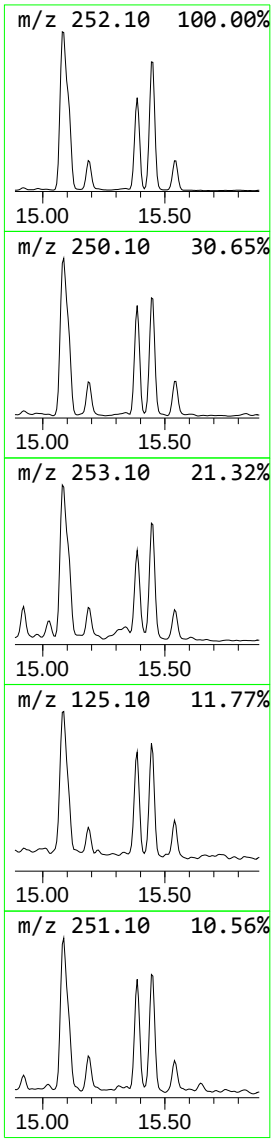
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	11.15 ng	205379	Perylene-d12	15.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139543.D
Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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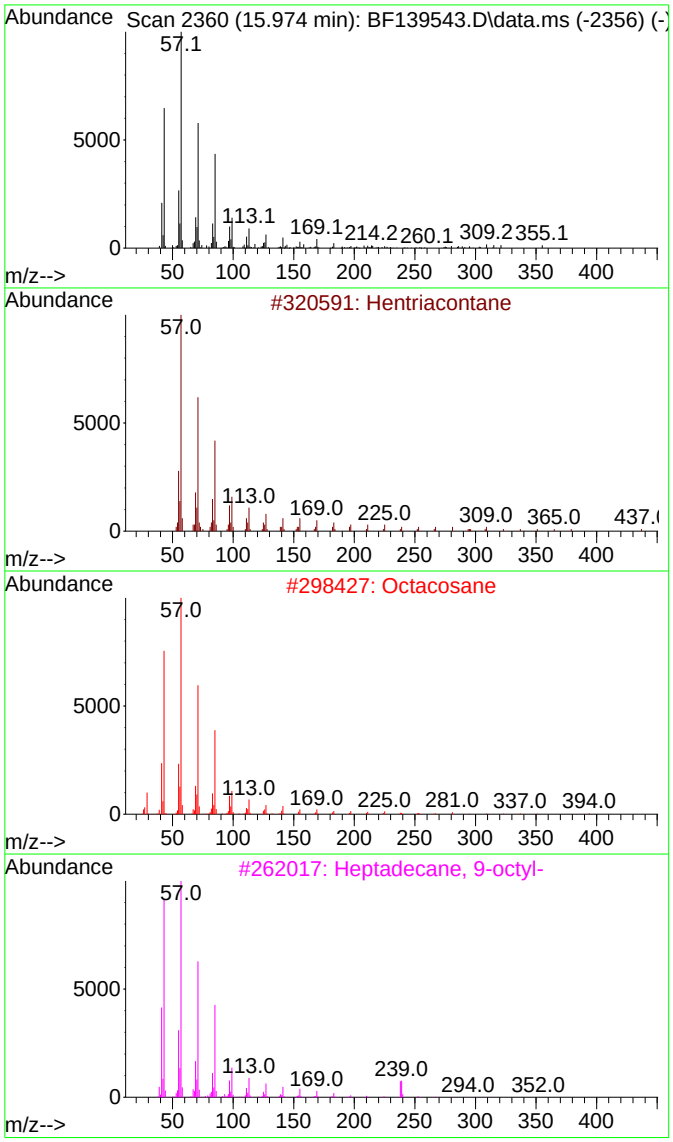
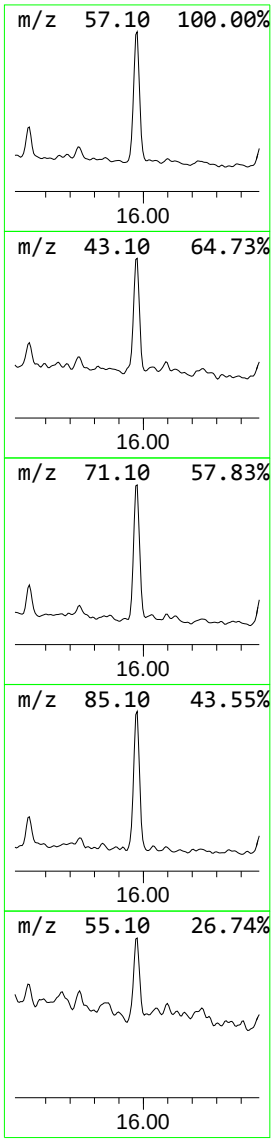
Peak Number 20 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	6.02 ng	110815	Perylene-d12	15.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
Data File : BF139543.D
Acq On : 25 Sep 2024 22:08
Operator : RC/JU
Sample : P4178-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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...	2.152	57.6	ng	1237140	1	6.875	429215	20.0
2-Pentanone, 4-...	5.093	5.6	ng	119361	1	6.875	429215	20.0
Benzophenone	10.622	12.7	ng	316642	3	9.910	498000	20.0
Phenanthrene, 2...	11.898	4.9	ng	121134	4	11.398	494453	20.0
n-Hexadecanoic ...	11.922	15.2	ng	376196	4	11.398	494453	20.0
Anthracene, 1-m...	11.975	3.6	ng	89883	4	11.398	494453	20.0
4H-Cyclopenta[d...	12.010	16.3	ng	403977	4	11.398	494453	20.0
Naphthalene, 2-...	12.192	4.7	ng	115993	4	11.398	494453	20.0
9,10-Anthracene...	12.222	3.9	ng	97484	4	11.398	494453	20.0
Phenanthrene, 2...	12.451	11.1	ng	274347	4	11.398	494453	20.0
Phenanthrene, 3...	12.480	8.7	ng	215222	4	11.398	494453	20.0
Cyclopenta(def)...	12.539	7.9	ng	195562	4	11.398	494453	20.0
Pyrene, 1-methyl-	13.057	5.4	ng	279630	5	14.039	1027570	20.0
11H-Benzo[b]flu...	13.169	6.9	ng	354664	5	14.039	1027570	20.0
Fluoranthene, 2...	13.233	4.0	ng	206416	5	14.039	1027570	20.0
Pyrene, 4-methyl-	13.275	4.4	ng	224267	5	14.039	1027570	20.0
Benzo[b]naphtho...	13.786	4.4	ng	224915	5	14.039	1027570	20.0
11H-Benzo[a]flu...	13.880	4.1	ng	208794	5	14.039	1027570	20.0
Benzo[e]pyrene	15.386	11.2	ng	205379	6	15.510	368430	20.0
Hentriacontane	15.974	6.0	ng	110815	6	15.510	368430	20.0