LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139446.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	6	14	23	rVB	699543	1066760	82.56%	5.841%
2	3.963	313	318	323	rVB	10593	16028	1.24%	0.088%
3	5.093	504	510	516	rVB	61933	94103	7.28%	0.515%
4	5.498	569	579	584	rBV	977948	1292080	100.00%	7.075%
5	5.722	610	617	622	rBV3	8827	13921	1.08%	0.076%
6	6.504	741	750	755	rBV	981352	1287385	99.64%	7.049%
7	6.710	780	785	789	rBV2	27311	38781	3.00%	0.212%
8	6.881	808	814	820	rVB	335314	421906	32.65%	2.310%
9	7.145	853	859	863	rBV3	9504	14203	1.10%	0.078%
10	7.192	863	867	875	rVB2	7833	13189	1.02%	0.072%
11	7.275	875	881	885	rBV4	8319	14921	1.15%	0.082%
12	7.439	899	909	913	rBV	633928	812571	62.89%	4.449%
13	7.469	913	914	918	rVV	26256	23766	1.84%	0.130%
14	7.692	948	952	957	rVB2	24500	33365	2.58%	0.183%
15	8.157	1024	1031	1039	rBV2	368962	603744	46.73%	3.306%
16	8.216	1039	1041	1049	rVB3	14424	21572	1.67%	0.118%
17	8.375	1064	1068	1074	rVB5	10021	15628	1.21%	0.086%
18	8.451	1074	1081	1086	rBV9	12356	27611	2.14%	0.151%
19	8.575	1099	1102	1108	rBV	17540	31488	2.44%	0.172%
20	8.745	1127	1131	1135	rBV	38265	45414	3.51%	0.249%
21	8.869	1149	1152	1156	rVB	40261	47293	3.66%	0.259%
22	8.969	1165	1169	1173	rVB	22499	25535	1.98%	0.140%
23	9.033	1177	1180	1184	rBV5	8269	16320	1.26%	0.089%
24	9.175	1201	1204	1209	rVB	21623	26502	2.05%	0.145%
25	9.233	1209	1214	1219	rBV	998811	1205428	93.29%	6.601%
26	9.310	1223	1227	1233	rBV2	51100	80164	6.20%	0.439%
27	9.498	1255	1259	1263	rVB	22923	32519	2.52%	0.178%
28	9.569	1264	1271	1273	rBV3	32468	53534	4.14%	0.293%
29	9.628	1277	1281	1287	rVV2	50107	85229	6.60%	0.467%
30	9.686	1288	1291	1295	rVB4	13824	18156	1.41%	0.099%
31	9.775	1302	1306	1310	rBV2	37000	50968	3.94%	0.279%
32	9.839	1311	1317	1321	rVV2	34860	66160	5.12%	0.362%
33	9.910	1322	1329	1333	rVV	335576	453251	35.08%	2.482%
34	9.945	1333	1335	1339	rVB	61594	63969	4.95%	0.350%
35	10.016	1345	1347	1351	rVB4	12773	15588	1.21%	0.085%
36	10.116	1359	1364	1368	rVB2	51085	74848	5.79%	0.410%

LSC Area Percent Report

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Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.157	1368	1371	1379	rVB4	20206	31653	2.45%	0.173%
38	10.227	1380	1383	1385	rBV3	16109	19288	1.49%	0.106%
39	10.339	1395	1402	1405	rBV2	36616	65957	5.10%	0.361%
40	10.457	1418	1422	1429	rBV	65709	88705	6.87%	0.486%
41	10.557	1435	1439	1444	rVB	32031	49686	3.85%	0.272%
42	10.622	1445	1450	1454	rVB	59588	84461	6.54%	0.462%
43	10.698	1458	1463	1468	rBV	512196	643137	49.78%	3.522%
44	10.822	1478	1484	1493	rVB2	87144	158395	12.26%	0.867%
45	11.198	1545	1548	1552	rVV	34018	43748	3.39%	0.240%
46	11.257	1553	1558	1561	rVV3	38310	64849	5.02%	0.355%
47	11.292	1561	1564	1572	rVB2	51120	66864	5.17%	0.366%
48	11.398	1577	1582	1583	rBV	320808	379288	29.35%	2.077%
49	11.422	1583	1586	1590	rVV	506505	628398	48.63%	3.441%
50	11.469	1590	1594	1598	rVV	112287	147218	11.39%	0.806%
51	11.504	1598	1600	1604	rVB2	20099	20798	1.61%	0.114%
52	11.627	1615	1621	1627	rBV	53520	88750	6.87%	0.486%
53	11.686	1628	1631	1635	rVV2	25264	34887	2.70%	0.191%
54	11.727	1635	1638	1644	rVB6	18922	26887	2.08%	0.147%
55	11.921	1663	1671	1676	rBV2	164405	298514	23.10%	1.635%
56	11.974	1676	1680	1682	rVV	38927	49615	3.84%	0.272%
57	12.010	1682	1686	1694	rVB2	119228	210657	16.30%	1.154%
58	12.092	1697	1700	1703	rVB2	19996	25929	2.01%	0.142%
59	12.192	1714	1717	1719	rBV	44662	54176	4.19%	0.297%
60	12.339	1740	1742	1745	rVB2	14383	13675	1.06%	0.075%
61	12.374	1745	1748	1750	rBV	15108	19217	1.49%	0.105%
62	12.445	1756	1760	1763	rBV	51974	72568	5.62%	0.397%
63	12.480	1763	1766	1771	rVV2	41630	67380	5.21%	0.369%
64	12.533	1771	1775	1780	rVB	53711	75410	5.84%	0.413%
65	12.610	1783	1788	1792	rBV	764958	952346	73.71%	5.215%
66	12.651	1792	1795	1801	rVB3	33856	52640	4.07%	0.288%
67	12.704	1801	1804	1807	rBV	20896	25345	1.96%	0.139%
68	12.839	1820	1827	1832	rBV	624902	942282	72.93%	5.160%
69	12.886	1833	1835	1841	rVB2	36745	48075	3.72%	0.263%
70	12.980	1843	1851	1858	rVB	809220	1109790	85.89%	6.077%
71	13.057	1858	1864	1868	rBV3	65693	131585	10.18%	0.721%
72	13.163	1875	1882	1886	rVB	97102	191307	14.81%	1.048%
73	13.233	1890	1894	1896	rVV	46720	56699	4.39%	0.310%
74	13.268	1896	1900	1903	rVV2	57374	73634	5.70%	0.403%
75	13.363	1913	1916	1918	rBV2	36295	42809	3.31%	0.234%
76	13.392	1918	1921	1925	rVB2	34403	41461	3.21%	0.227%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.668	1965	1968	1973	rVB	52430	72168	5.59%	0.395%
78	13.780	1984	1987	1990	rBV3	42683	59835	4.63%	0.328%
79	13.874	2000	2003	2011	rVB2	108657	165093	12.78%	0.904%
80	14.027	2024	2029	2033	rBV2	406597	749810	58.03%	4.106%
81	15.080	2202	2208	2216	rBV	276092	618198	47.85%	3.385%
82	15.180	2223	2225	2230	rVB	36349	44228	3.42%	0.242%
83	15.380	2255	2259	2265	rVB	153318	231487	17.92%	1.268%
84	15.445	2265	2270	2275	rVB	185057	278923	21.59%	1.527%
85	15.504	2276	2280	2284	rBV	140509	238343	18.45%	1.305%
86	16.974	2525	2530	2541	rVB2	98460	218683	16.92%	1.197%
87	17.421	2600	2606	2619	rVB	78028	183483	14.20%	1.005%

Sum of corrected areas: 18262234

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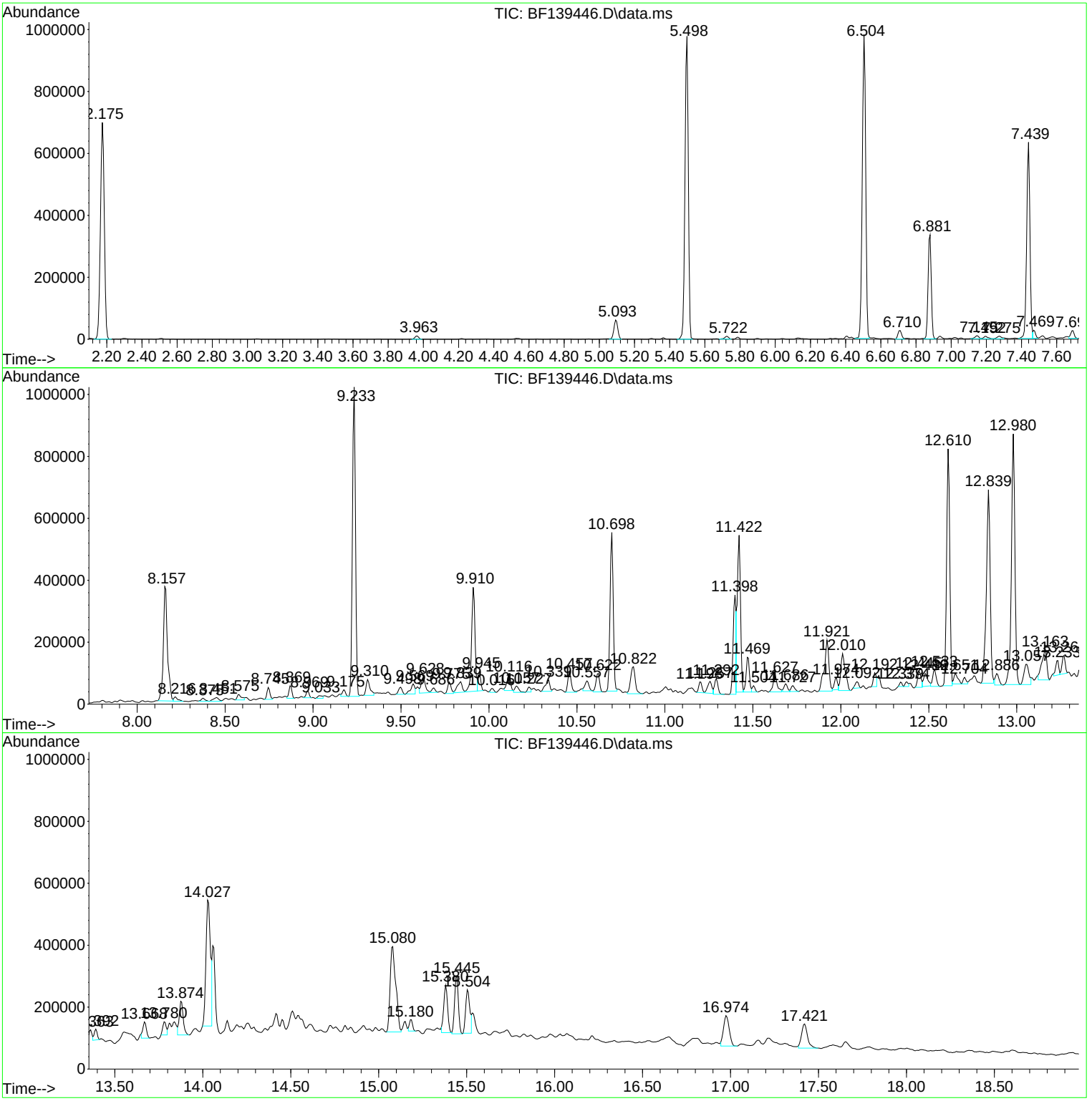
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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\BF091824\
Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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

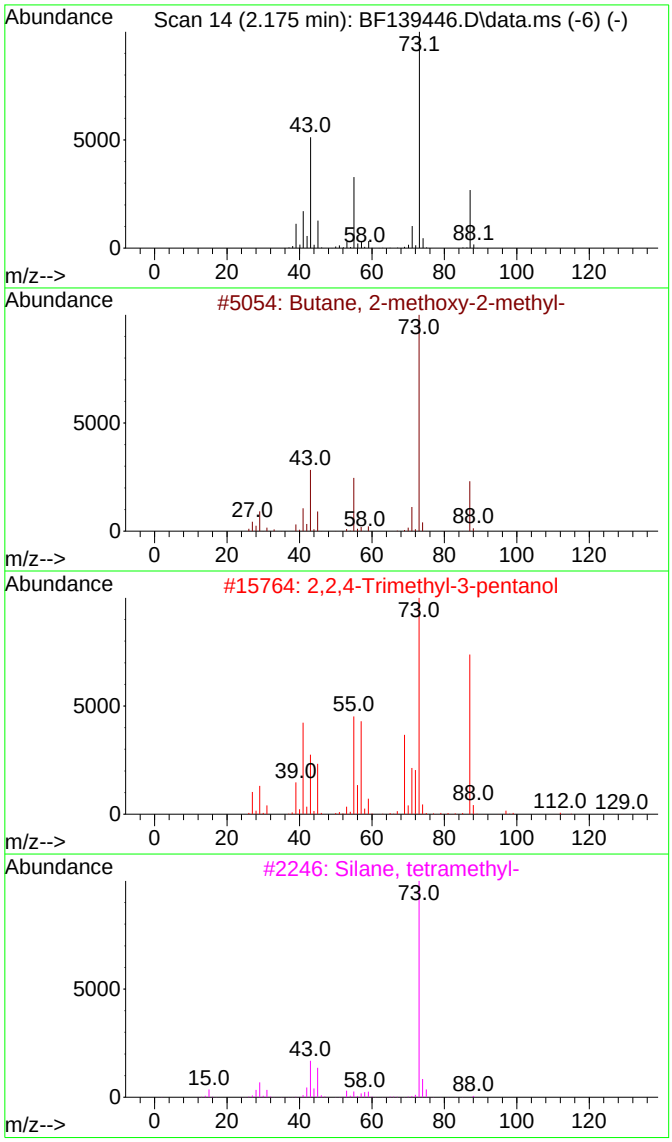
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

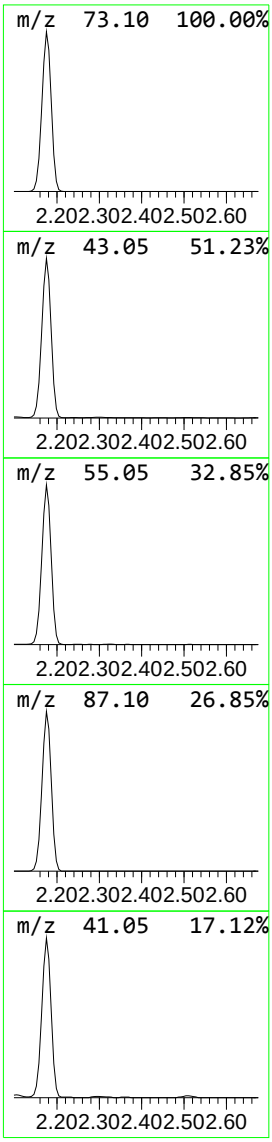
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	50.57 ng	1066760	1,4-Dichlorobenzene-d4	6.881

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	12
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\BF091824\
Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

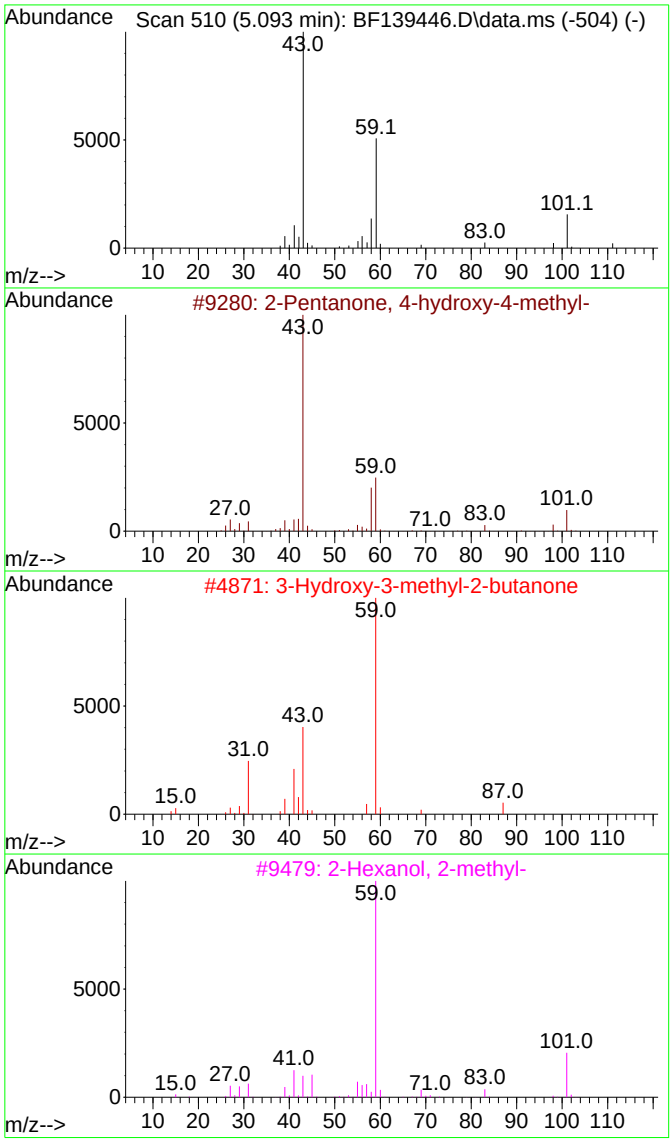
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

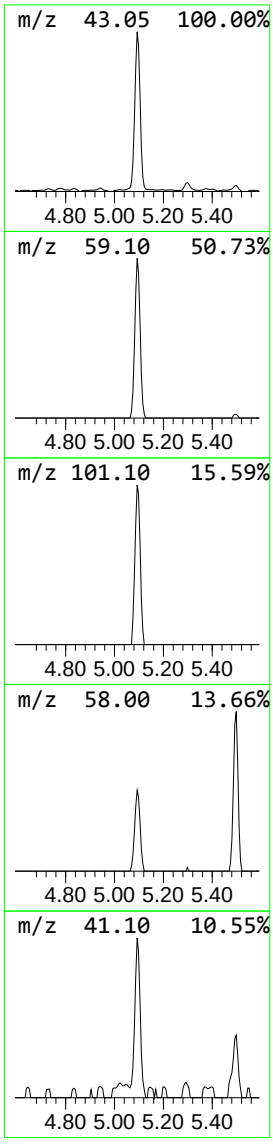
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	4.46 ng	94103	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

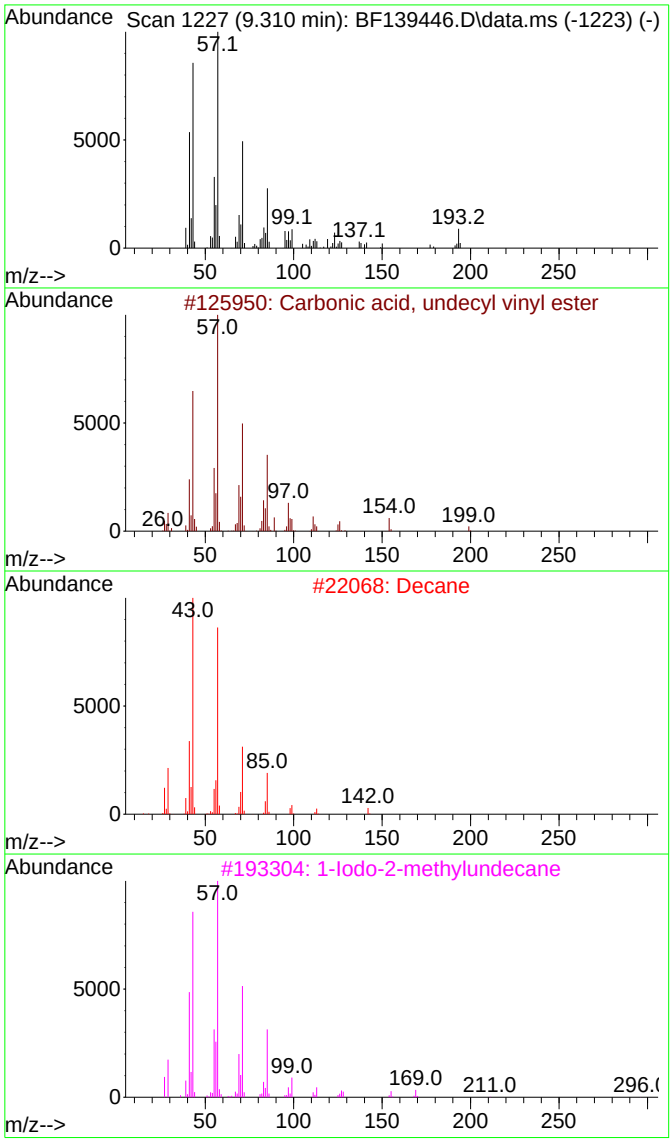
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

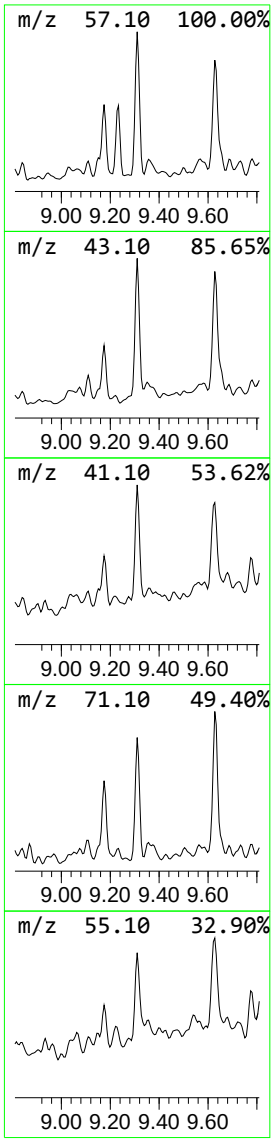
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carbonic acid, undecyl viny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	3.54 ng	80164	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	72
2	Decane	142	C10H22	000124-18-5	72
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4	Tridecane	184	C13H28	000629-50-5	64
5	Tetradecane	198	C14H30	000629-59-4	64





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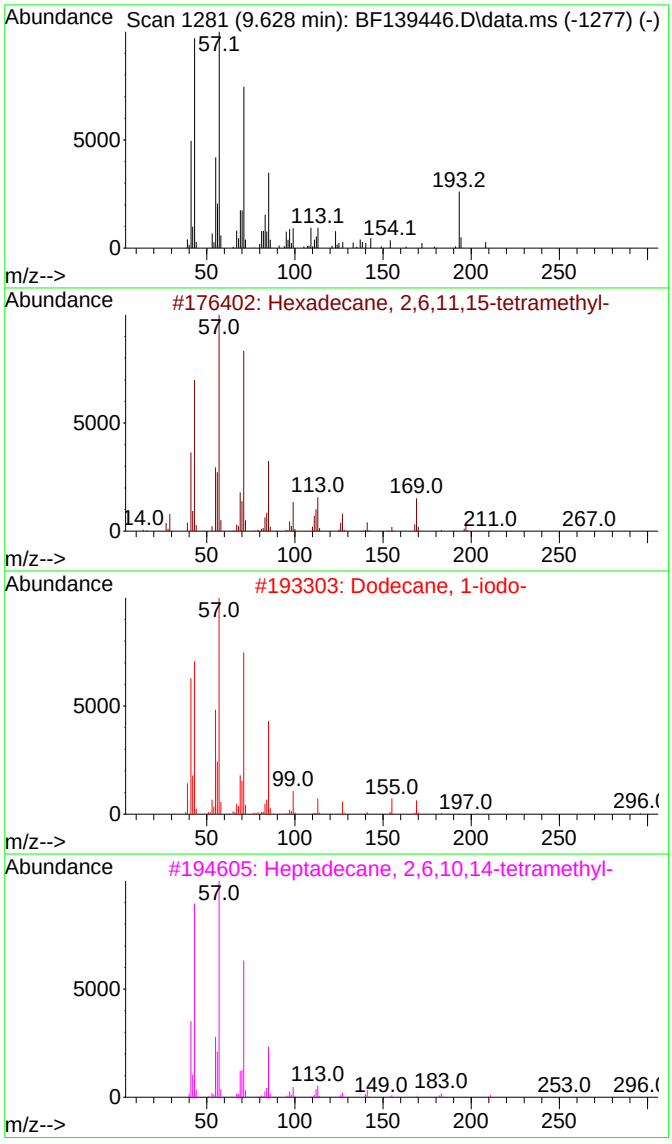
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

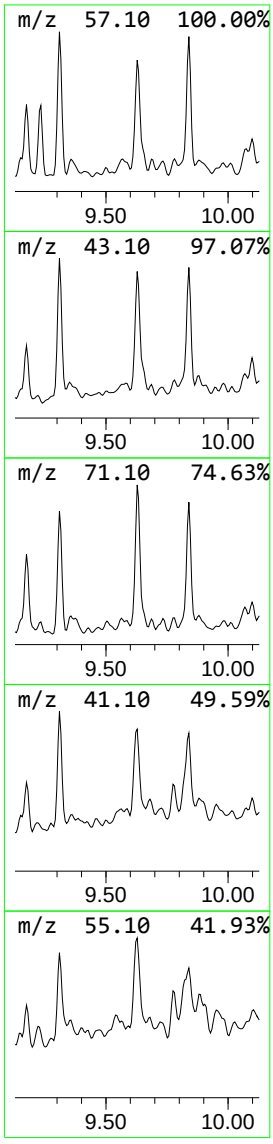
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecane, 2,6,11,15-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	3.76 ng	85229	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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

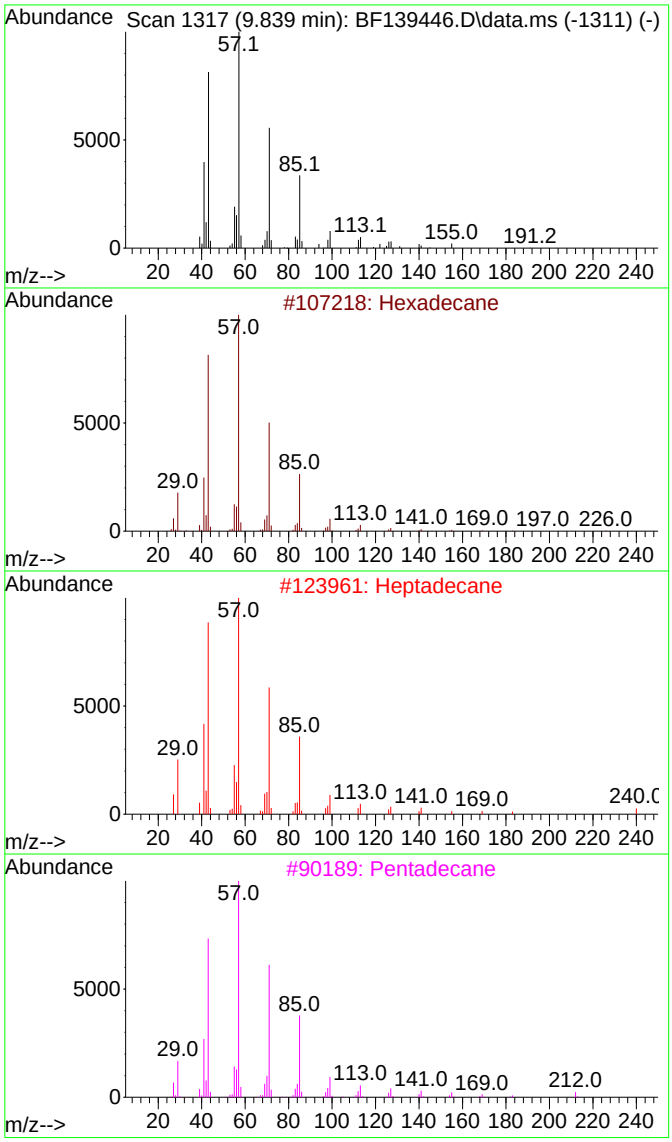
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

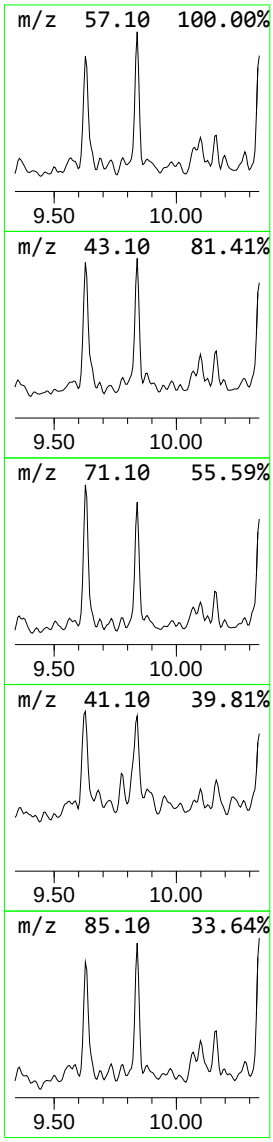
****

Peak Number 5 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	2.92 ng	66160	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Pentadecane	212	C15H32	000629-62-9	80
4	Heptacosane	380	C27H56	000593-49-7	78
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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

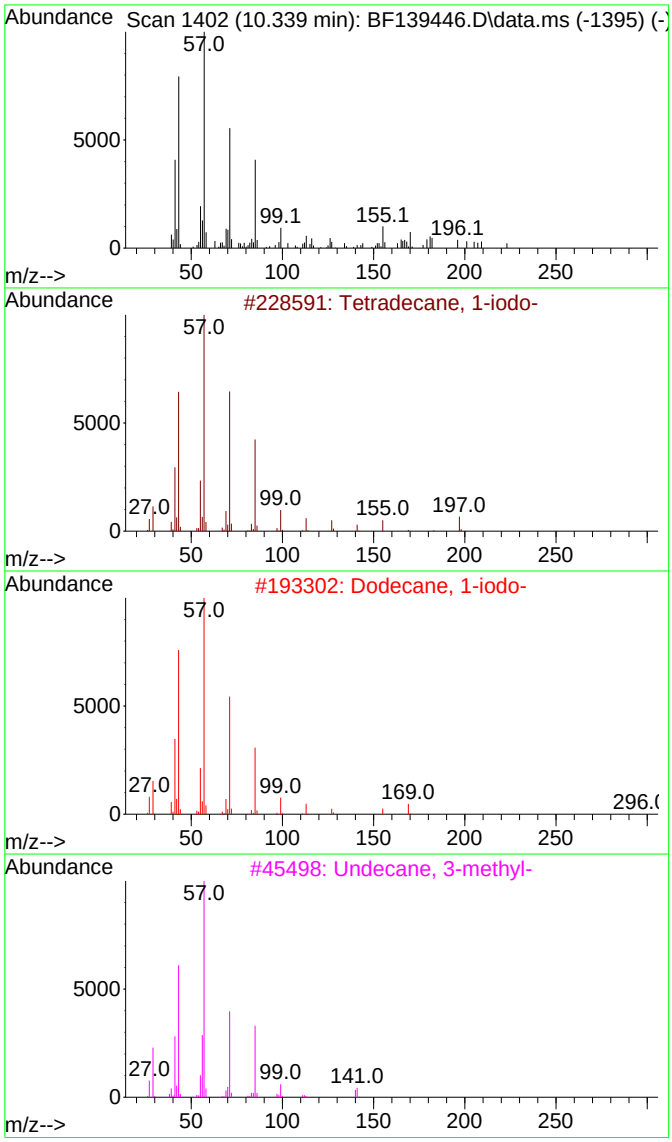
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

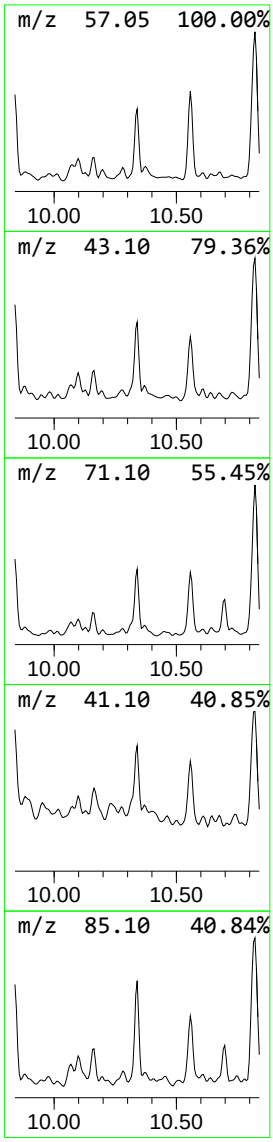
****

Peak Number 6 Tetradecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	2.91 ng	65957	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	58





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Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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

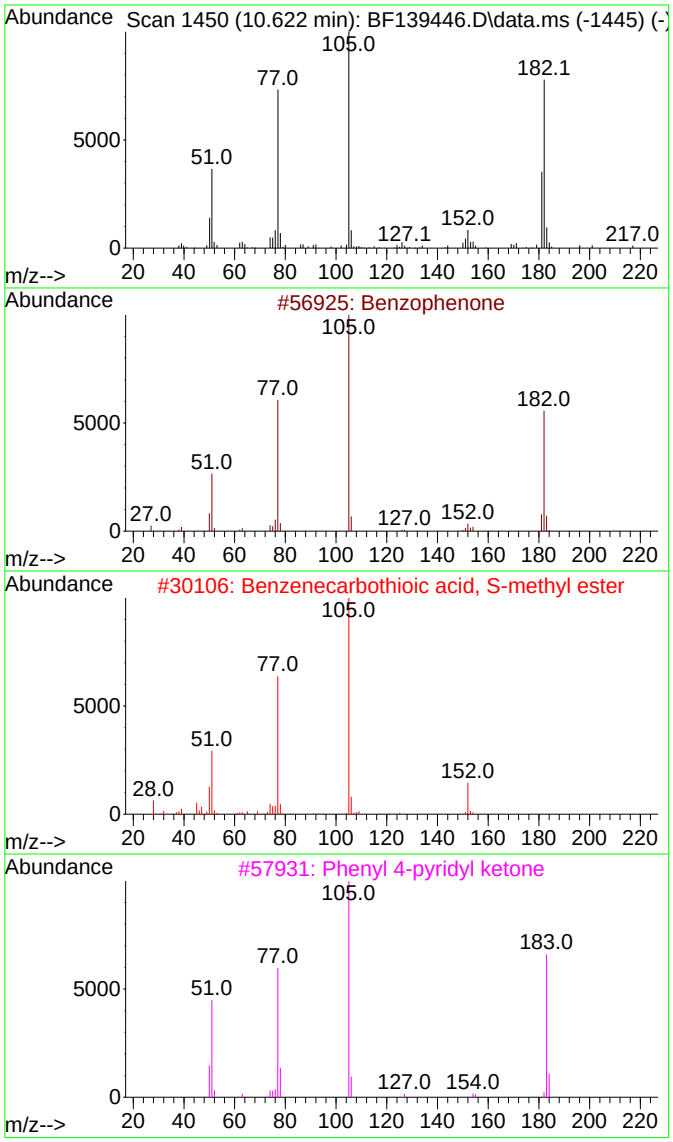
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

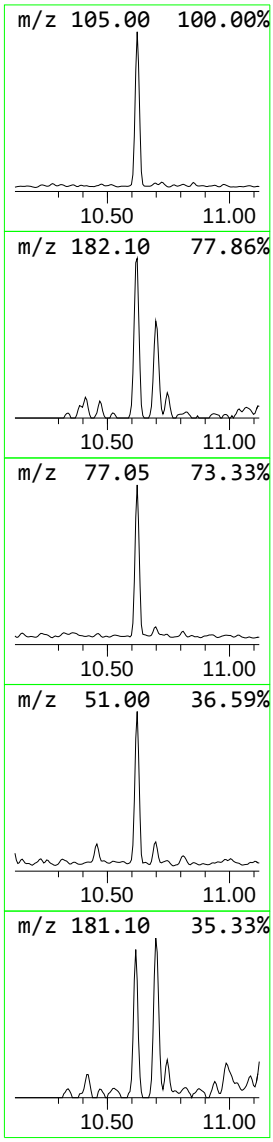
****

Peak Number 7 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	3.73 ng	84461	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
4	Benzoylformic acid	150	C8H6O3	000611-73-4	45
5	N-cyanobenzamide	146	C8H6N2O	015150-25-1	43





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Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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

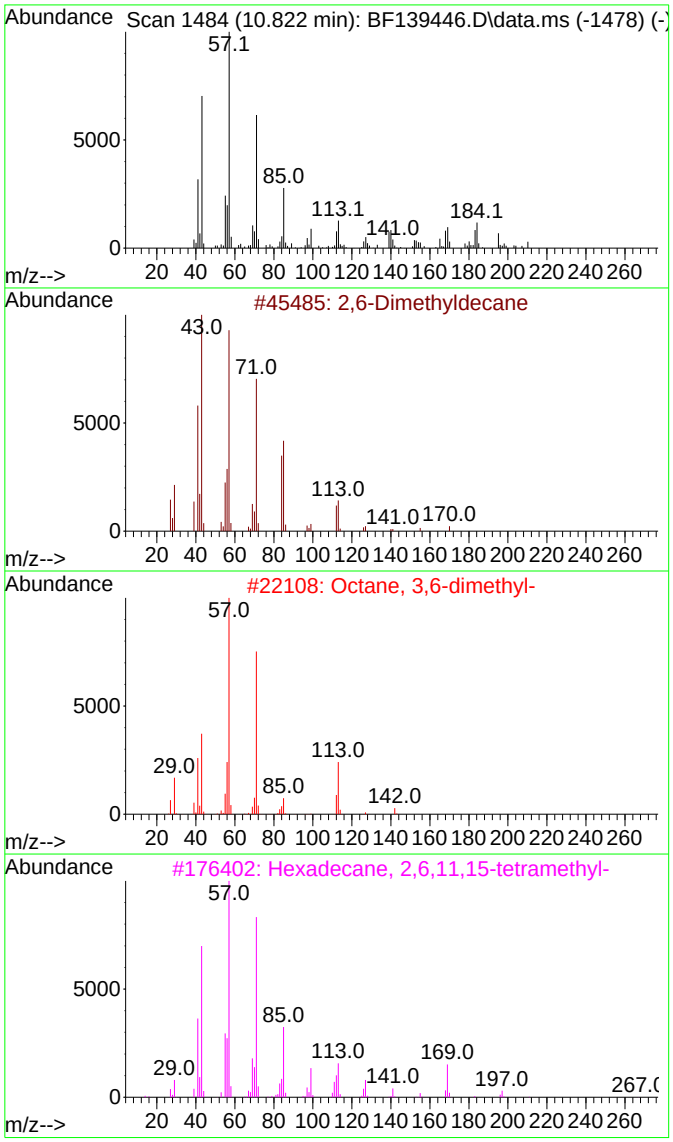
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

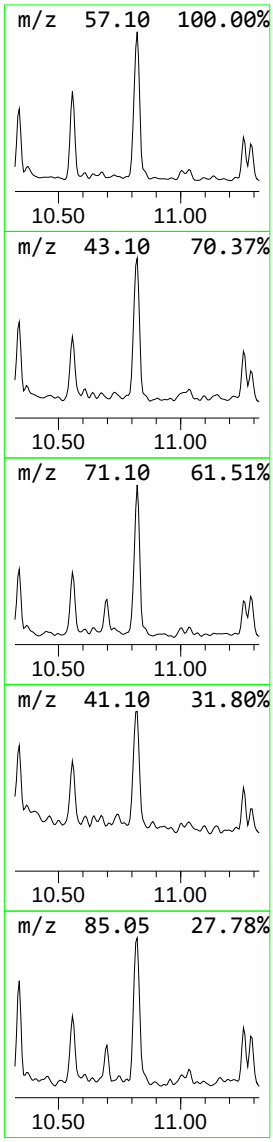
****

Peak Number 8 2,6-Dimethyldecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	8.35 ng	158395	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	70
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	70
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	62
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	60
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58





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Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

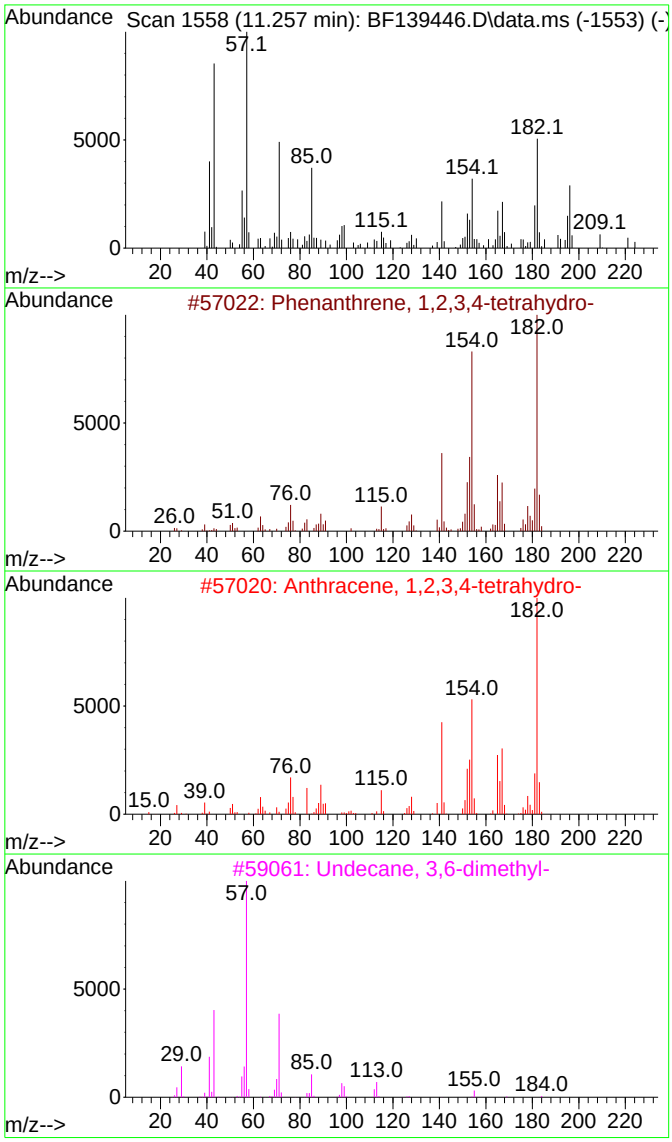
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

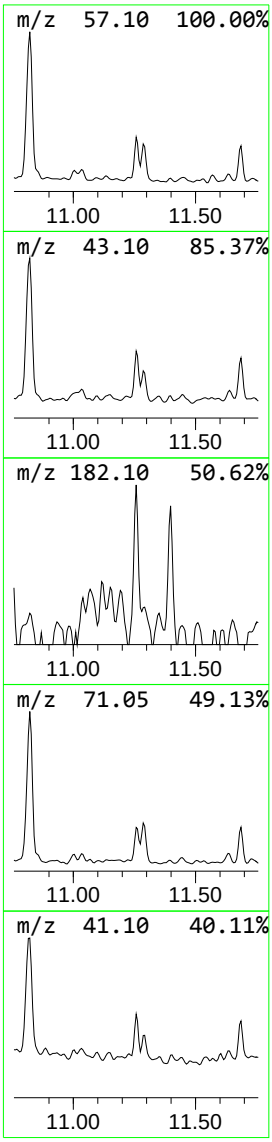
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	3.42 ng	64849	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	70
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	46
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	25
4	8-Methylaminonaphthalene-1-carbo...	182	C12H10N2	1000187-15-2	25
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	25





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Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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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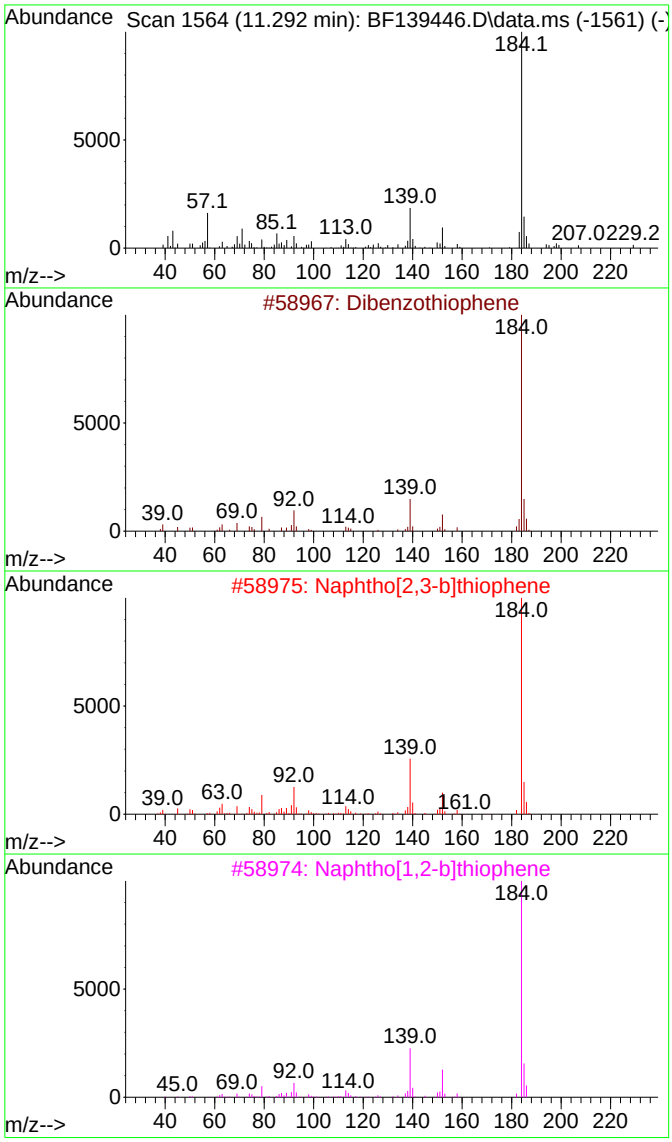
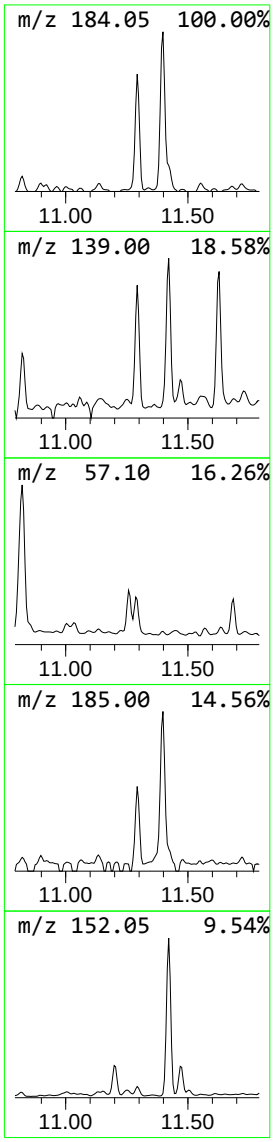
Peak Number 10 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	3.53 ng	66864	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
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	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80





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Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

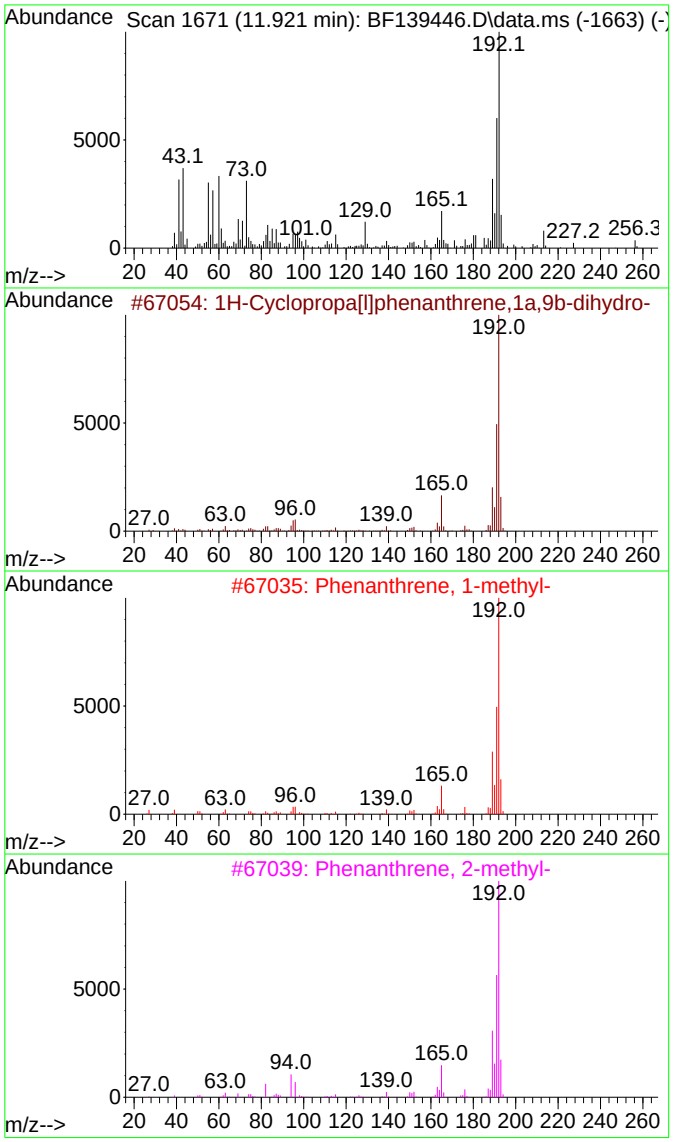
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

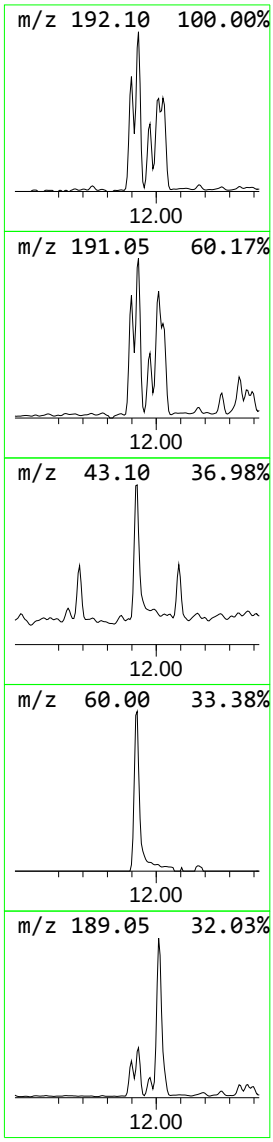
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	15.74 ng	298514	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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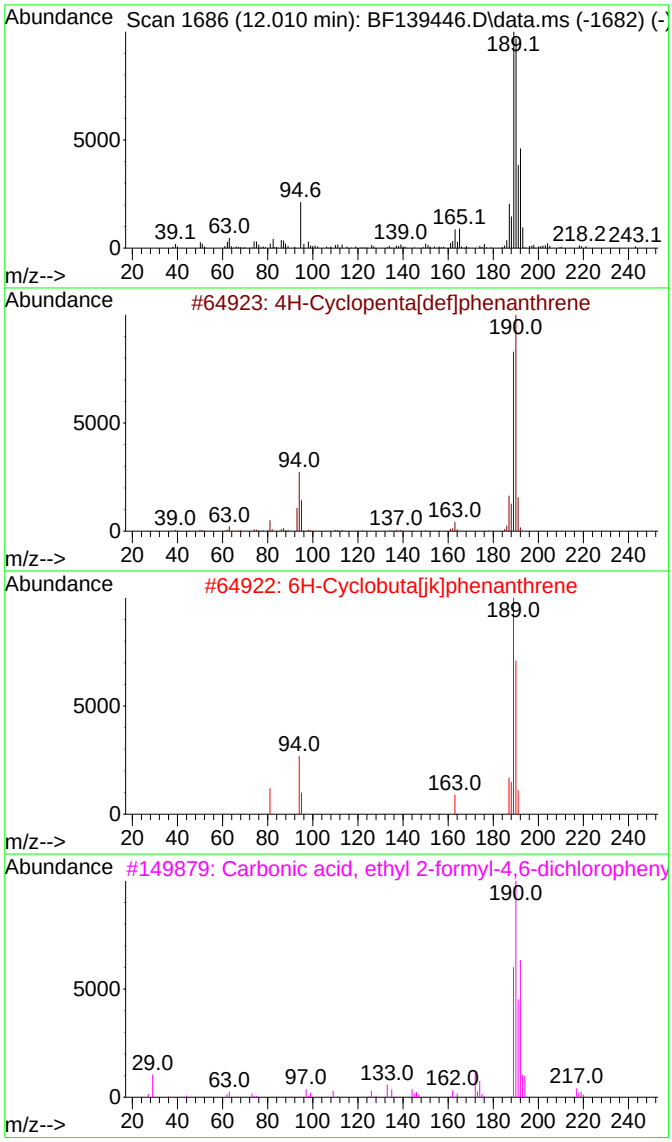
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

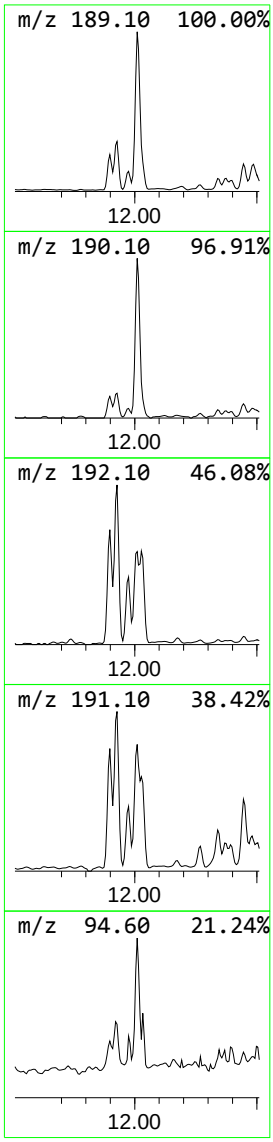
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	11.11 ng	210657	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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

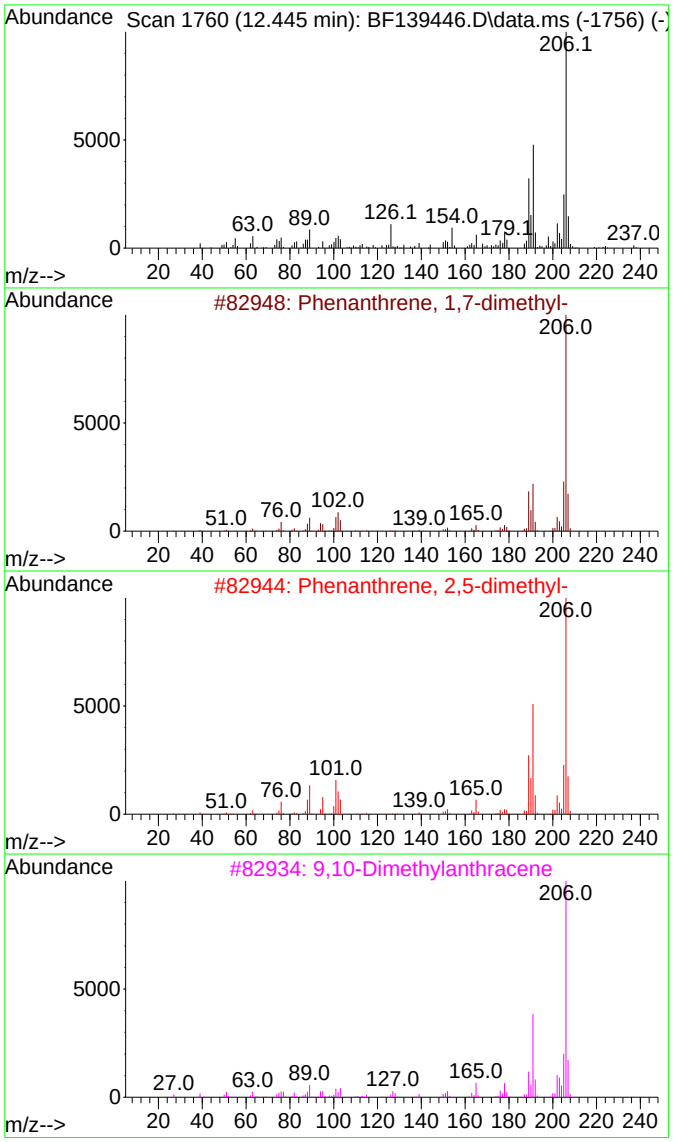
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

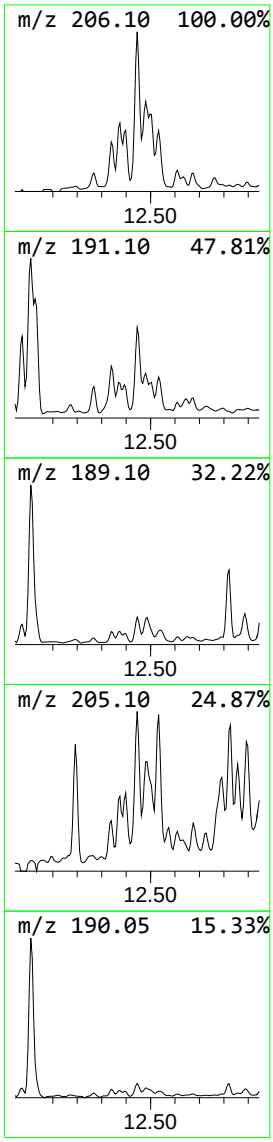
****

Peak Number 13 Phenanthrene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	3.83 ng	72568	Phenanthrene-d10	11.398

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





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Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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

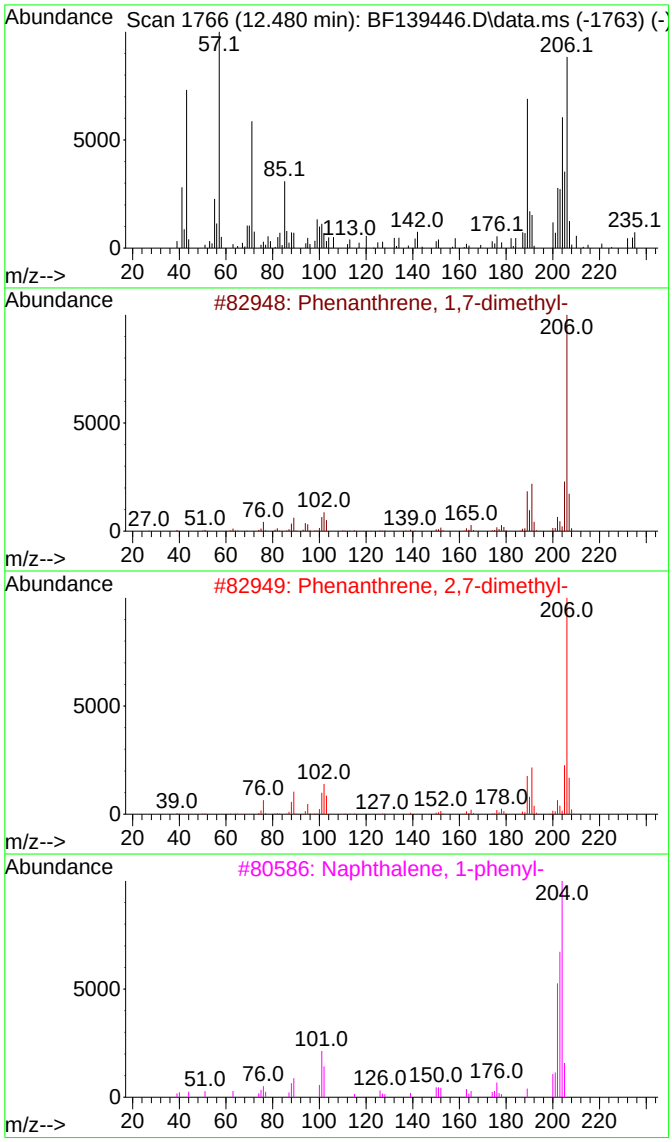
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

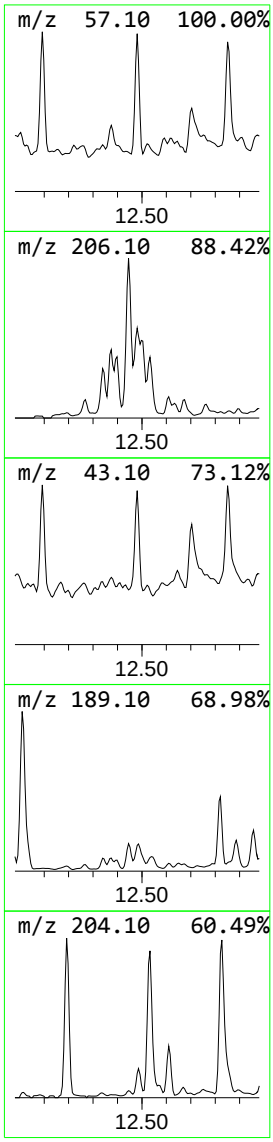
****

Peak Number 14 unknown12.480 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	3.55 ng	67380	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	30
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	30
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	25
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	25
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	25





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Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-1

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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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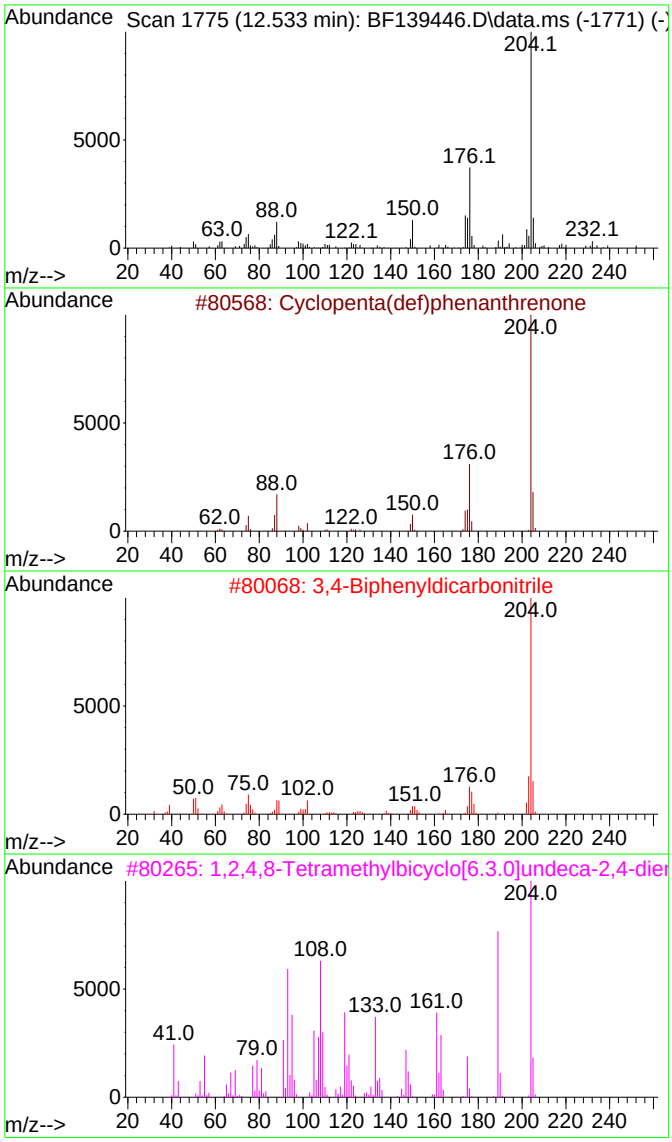
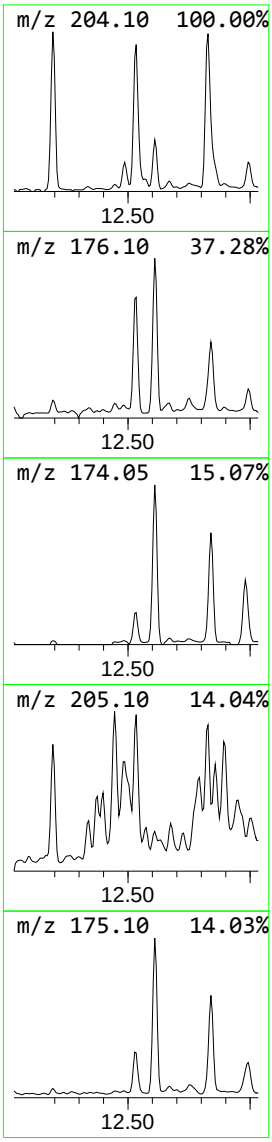
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	3.98 ng	75410	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	72
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	53
5	3-(4-Fluorophenoxy)phenol	204	C12H9FO2	025967-60-6	52





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Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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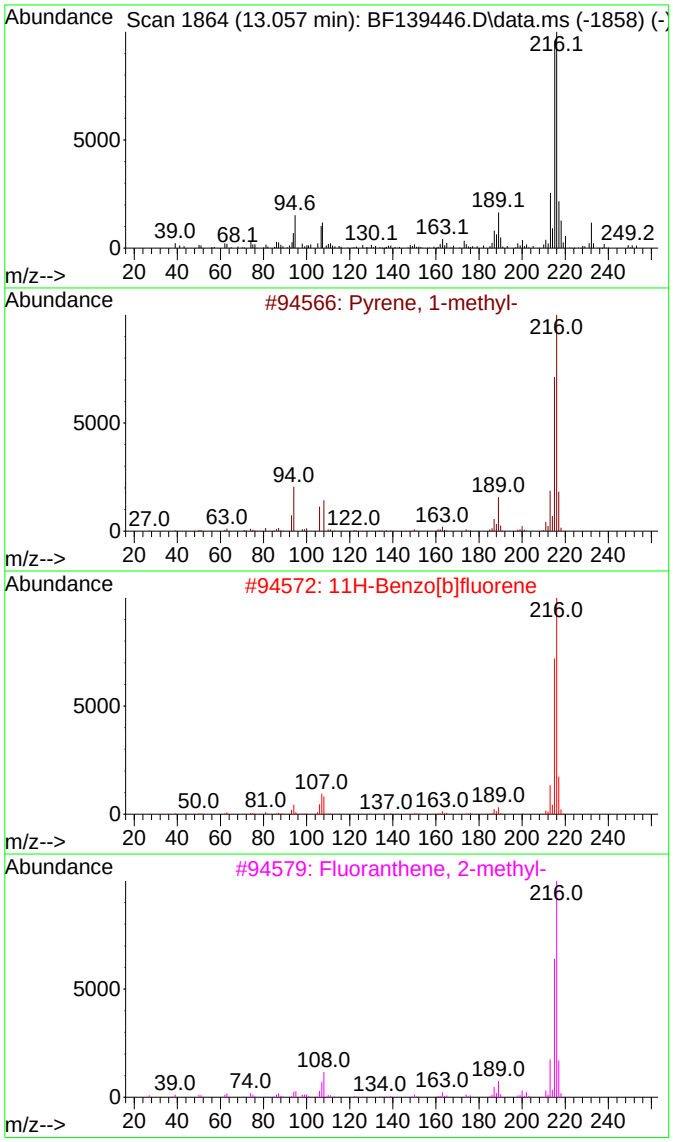
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

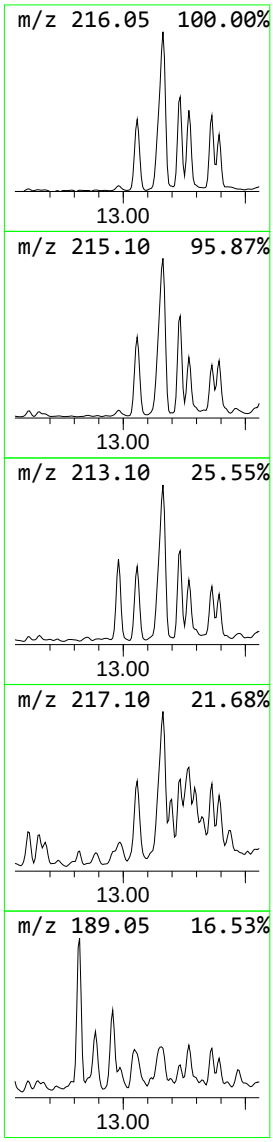
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	3.51 ng	131585	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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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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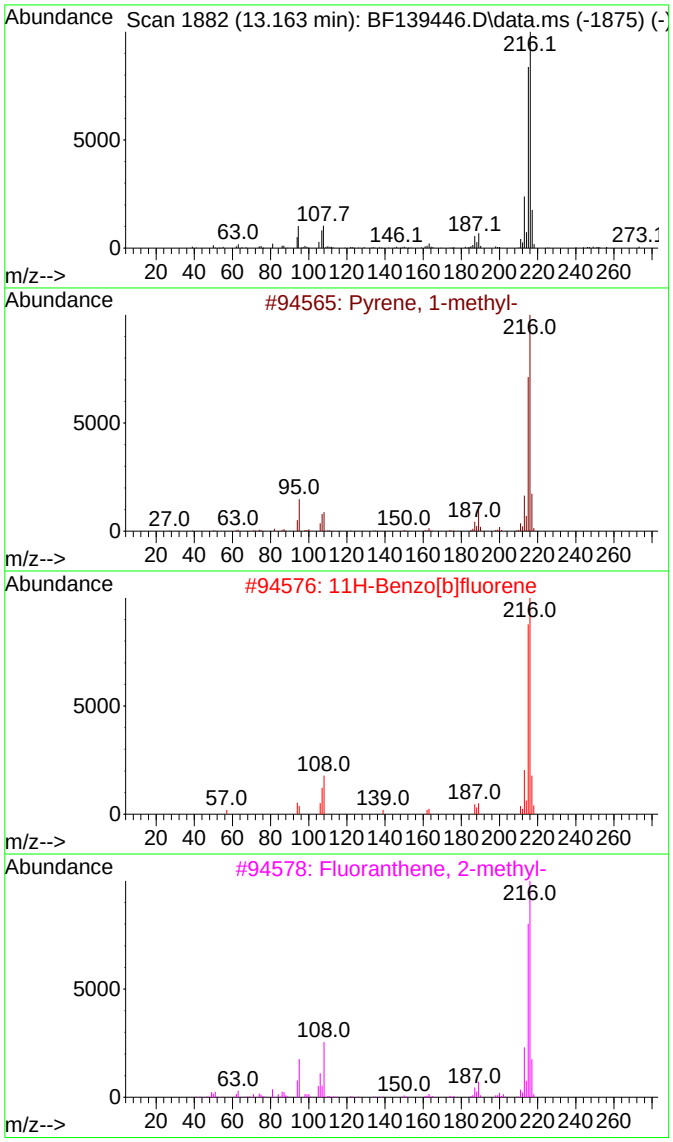
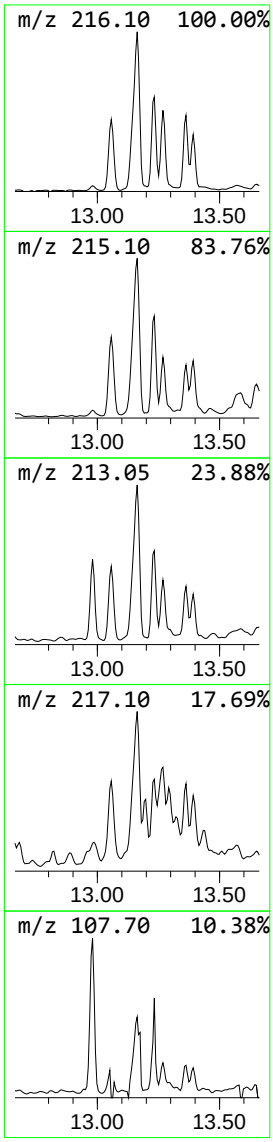
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	5.10 ng	191307	Chrysene-d12	14.033

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	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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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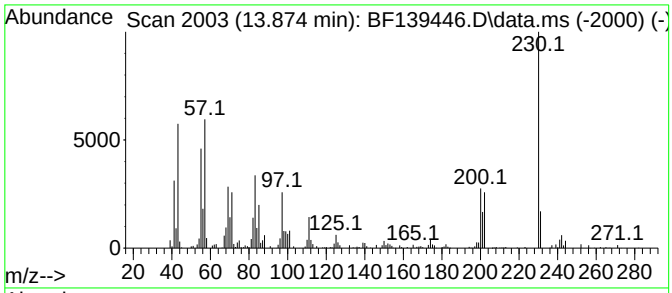
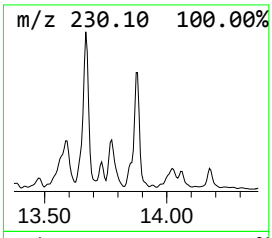
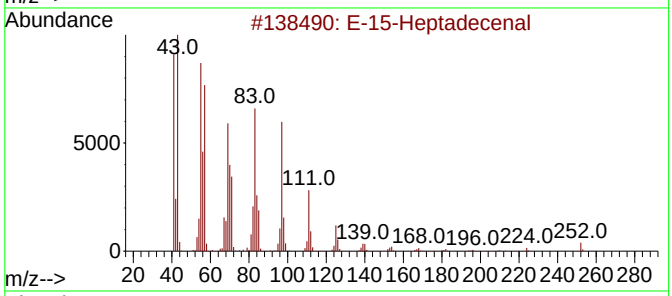
Peak Number 18 E-15-Heptadecenal Concentration Rank 8

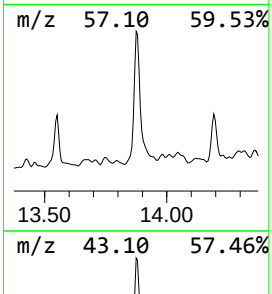
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.40 ng	165093	Chrysene-d12	14.033

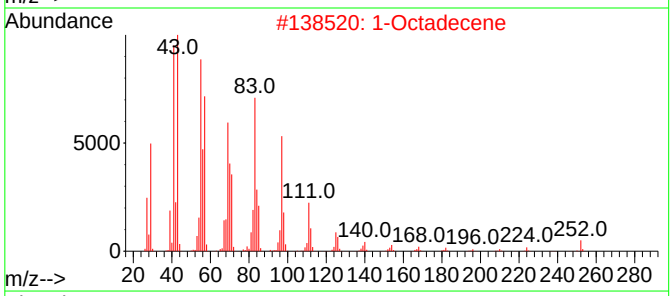
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
2	1-Octadecene	252	C18H36	000112-88-9	64
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	60
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
5	Butyl eicosyl ether	354	C24H50O	1000406-40-7	38

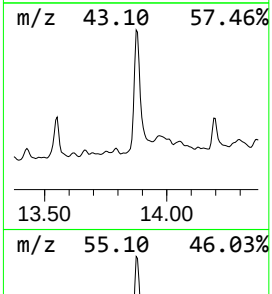


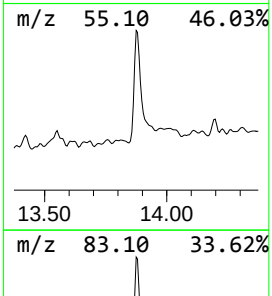


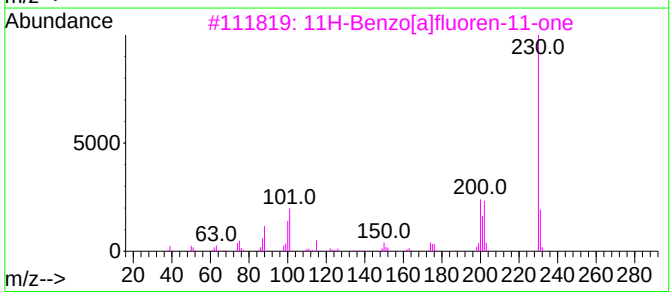


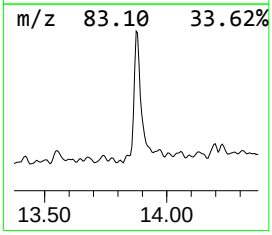












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Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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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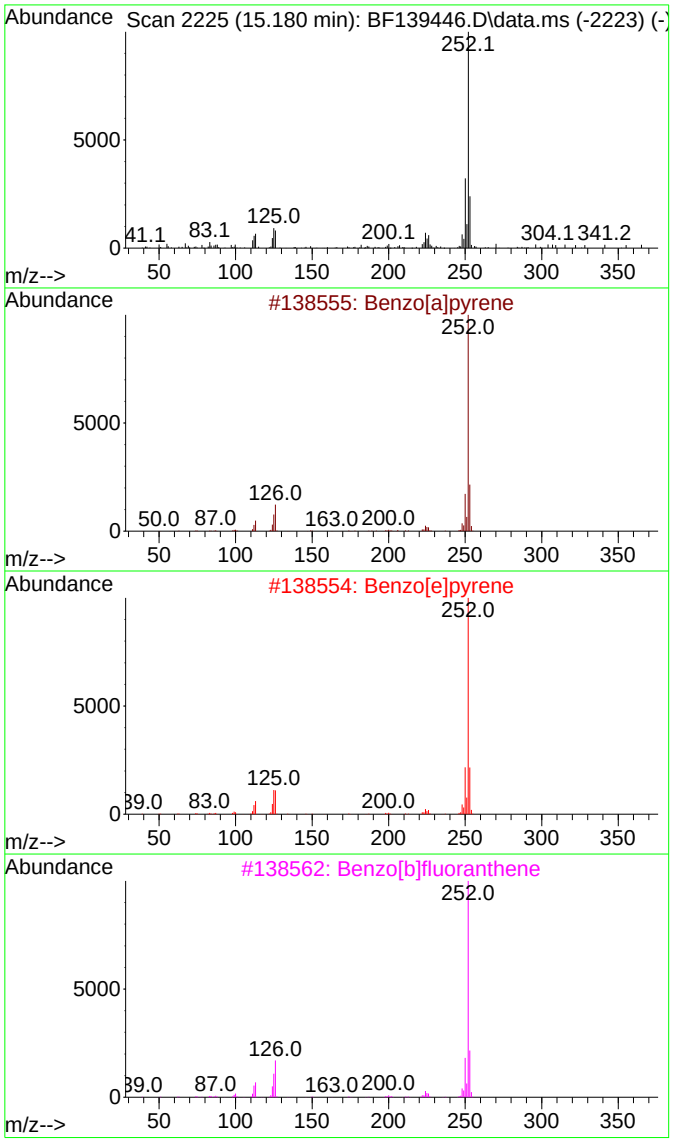
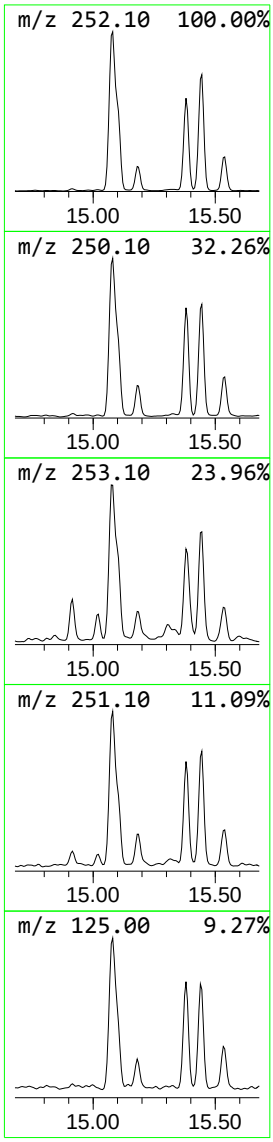
Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	3.71 ng	44228	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Perylene	252	C20H12	000198-55-0	81





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Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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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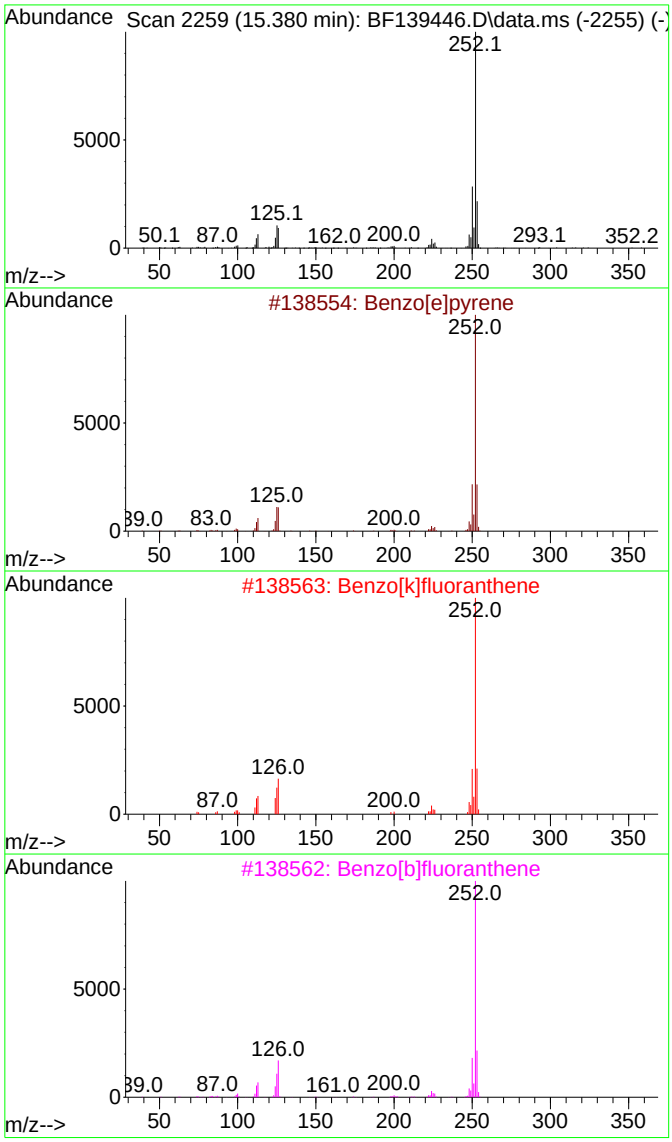
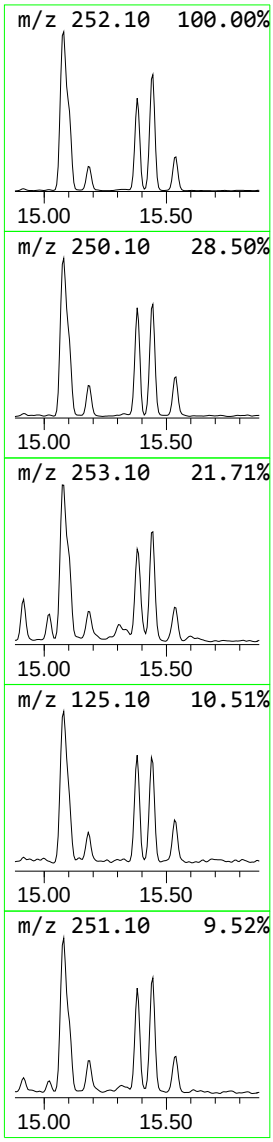
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	19.42 ng	231487	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139446.D
Acq On : 19 Sep 2024 01:00
Operator : RC/JU
Sample : P4002-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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...	2.175	50.6	ng	1066760	1	6.881	421906	20.0
2-Pentanone, 4-...	5.093	4.5	ng	94103	1	6.881	421906	20.0
Carbonic acid, ...	9.310	3.5	ng	80164	3	9.910	453251	20.0
Hexadecane, 2,6...	9.628	3.8	ng	85229	3	9.910	453251	20.0
Hexadecane	9.839	2.9	ng	66160	3	9.910	453251	20.0
Tetradecane, 1-...	10.339	2.9	ng	65957	3	9.910	453251	20.0
Benzophenone	10.622	3.7	ng	84461	3	9.910	453251	20.0
2,6-Dimethyldecane	10.822	8.3	ng	158395	4	11.398	379288	20.0
Phenanthrene, 1...	11.257	3.4	ng	64849	4	11.398	379288	20.0
Dibenzothiophene	11.292	3.5	ng	66864	4	11.398	379288	20.0
1H-Cyclopropa[l...	11.922	15.7	ng	298514	4	11.398	379288	20.0
4H-Cyclopenta[d...	12.010	11.1	ng	210657	4	11.398	379288	20.0
Phenanthrene, 1...	12.445	3.8	ng	72568	4	11.398	379288	20.0
unknown12.480	12.480	3.5	ng	67380	4	11.398	379288	20.0
Cyclopenta(def)...	12.533	4.0	ng	75410	4	11.398	379288	20.0
Pyrene, 1-methyl-	13.057	3.5	ng	131585	5	14.033	749810	20.0
11H-Benzo[b]flu...	13.163	5.1	ng	191307	5	14.033	749810	20.0
E-15-Heptadecenal	13.874	4.4	ng	165093	5	14.033	749810	20.0
Benzo[e]pyrene	15.180	3.7	ng	44228	6	15.504	238343	20.0
Perylene	15.380	19.4	ng	231487	6	15.504	238343	20.0