LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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: BF139438.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	22	rVB	767215	1180430	78.13%	8.540%
2	5.093	501	510	519	rBV	69516	105902	7.01%	0.766%
3	5.498	572	579	584	rBV	1092359	1479832	97.94%	10.706%
4	6.504	744	750	755	rBV	1131569	1510925	100.00%	10.931%
5	6.875	808	813	818	rVB	337987	415003	27.47%	3.002%
6	7.440	898	909	914	rBV	758715	977169	64.67%	7.069%
7	7.692	948	952	959	rVB	29355	37373	2.47%	0.270%
8	8.157	1023	1031	1038	rBV	397615	509373	33.71%	3.685%
9	8.375	1062	1068	1072	rVB2	11881	15784	1.04%	0.114%
10	9.234	1208	1214	1219	rBV	1215207	1505861	99.66%	10.894%
11	9.310	1222	1227	1235	rVV2	18278	28618	1.89%	0.207%
12	9.569	1266	1271	1273	rBV	12566	16741	1.11%	0.121%
13	9.628	1277	1281	1288	rVB5	8426	15320	1.01%	0.111%
14	9.839	1310	1317	1321	rBV	17451	24462	1.62%	0.177%
15	9.910	1321	1329	1333	rVV	375838	473170	31.32%	3.423%
16	9.939	1333	1334	1339	rVB	55259	52791	3.49%	0.382%
17	10.110	1359	1363	1367	rVV	22885	31905	2.11%	0.231%
18	10.333	1394	1401	1405	rBV3	19809	35336	2.34%	0.256%
19	10.457	1417	1422	1427	rBV	40895	53246	3.52%	0.385%
20	10.551	1435	1438	1443	rVV4	8741	16302	1.08%	0.118%
21	10.622	1445	1450	1457	rVB2	72145	95256	6.30%	0.689%
22	10.698	1457	1463	1468	rBV	594421	765973	50.70%	5.541%
23	10.816	1477	1483	1491	rVB3	23137	43857	2.90%	0.317%
24	10.998	1508	1514	1517	rBV4	14605	26391	1.75%	0.191%
25	11.151	1532	1540	1545	rBV4	9597	23105	1.53%	0.167%
26	11.257	1552	1558	1561	rBV2	25625	42962	2.84%	0.311%
27	11.292	1561	1564	1569	rVB2	17064	23471	1.55%	0.170%
28	11.398	1576	1582	1584	rBV	311742	442442	29.28%	3.201%
29	11.469	1590	1594	1598	rBV	138423	167676	11.10%	1.213%
30	11.628	1615	1621	1627	rBV	27123	45504	3.01%	0.329%
31	11.686	1627	1631	1635	rVB2	12377	15980	1.06%	0.116%
32	11.922	1662	1671	1676	rBV2	136321	236425	15.65%	1.710%
33	11.969	1676	1679	1682	rVV	29748	41660	2.76%	0.301%
34	12.010	1682	1686	1693	rVB2	59496	106886	7.07%	0.773%
35	12.092	1693	1700	1704	rBV2	18099	29457	1.95%	0.213%
36	12.192	1713	1717	1719	rBV	15823	21362	1.41%	0.155%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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	12.445	1756	1760	1763	rBV	20868	29252	1.94%	0.212%
38	12.480	1763	1766	1771	rVB2	23554	33438	2.21%	0.242%
39	12.604	1782	1787	1792	rBV	239394	302195	20.00%	2.186%
40	12.704	1800	1804	1808	rBV3	21901	32736	2.17%	0.237%
41	12.833	1819	1826	1832	rBV	182596	299997	19.86%	2.170%
42	12.980	1843	1851	1858	rBV	842612	1130480	74.82%	8.178%
43	13.051	1859	1863	1867	rBV3	20220	35383	2.34%	0.256%
44	13.163	1878	1882	1885	rVB	43150	54879	3.63%	0.397%
45	13.227	1886	1893	1896	rVV2	39993	70645	4.68%	0.511%
46	13.263	1896	1899	1907	rVB4	21071	34385	2.28%	0.249%
47	13.551	1944	1948	1952	rBV2	22632	42712	2.83%	0.309%
48	13.874	1999	2003	2013	rVB	88898	160197	10.60%	1.159%
49	14.027	2024	2029	2041	rVB2	276800	507918	33.62%	3.675%
50	14.510	2107	2111	2123	rVB4	56709	136482	9.03%	0.987%
51	15.074	2203	2207	2214	rVB	38299	82579	5.47%	0.597%
52	15.504	2275	2280	2290	rVB	137101	255506	16.91%	1.848%

Sum of corrected areas: 13822734

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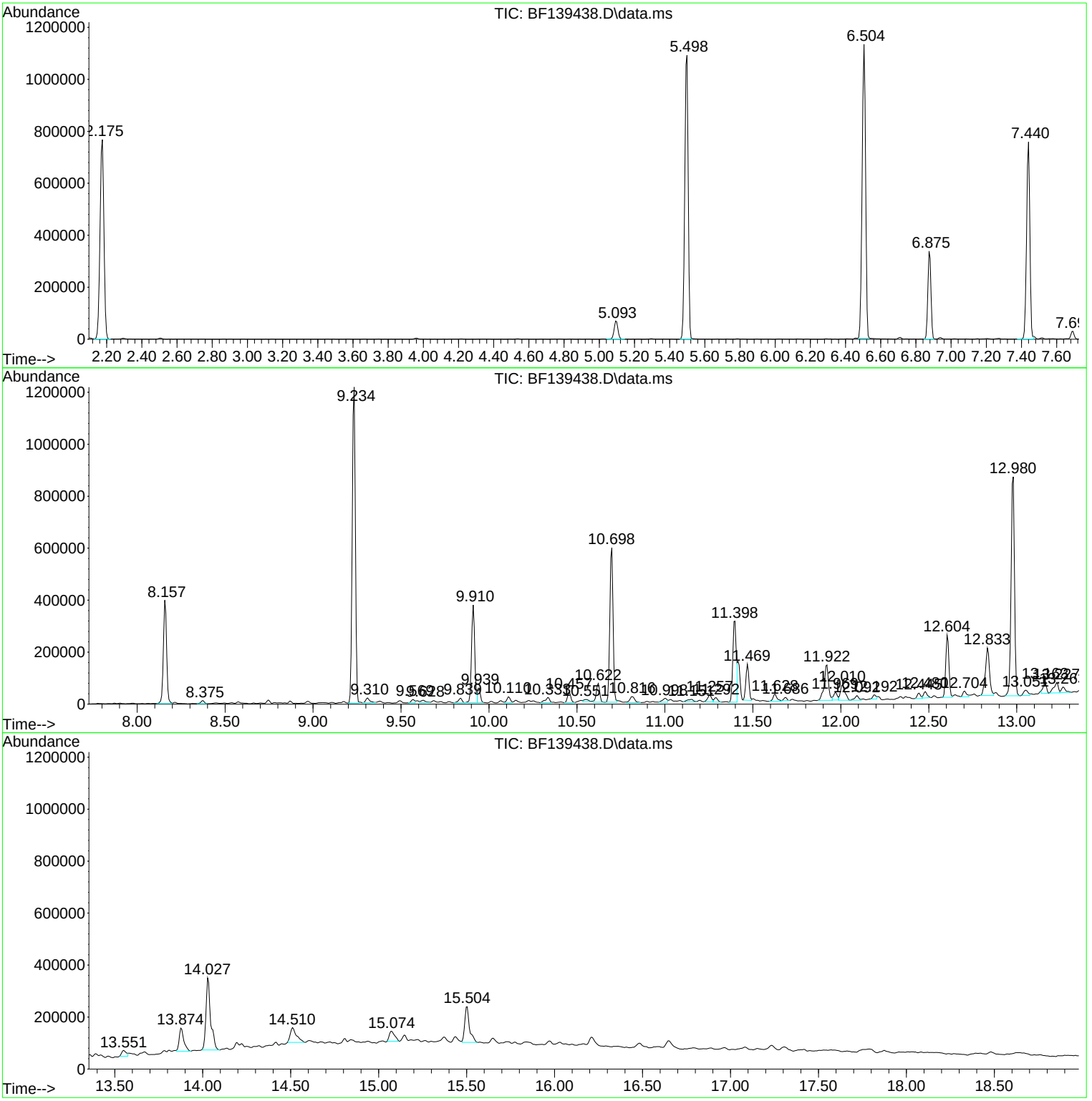
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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 : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

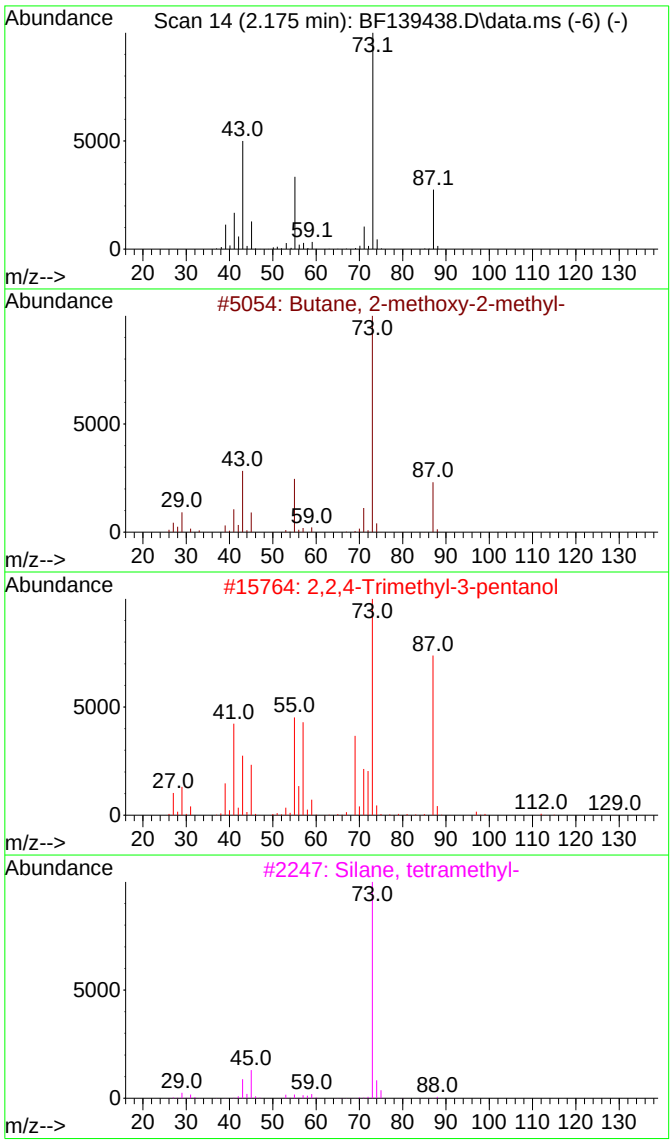
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

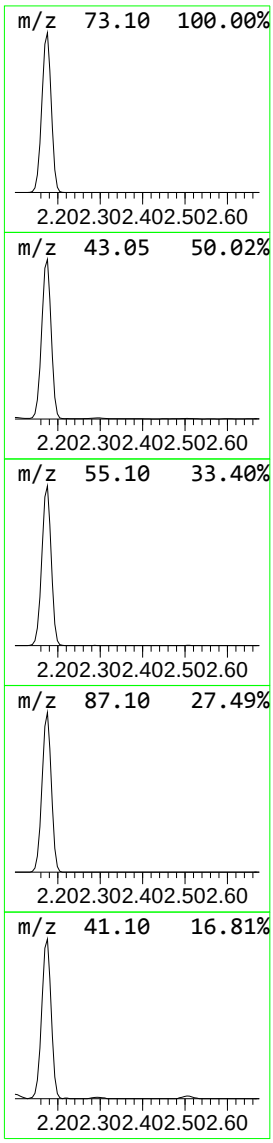
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	56.89 ng	1180430	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	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

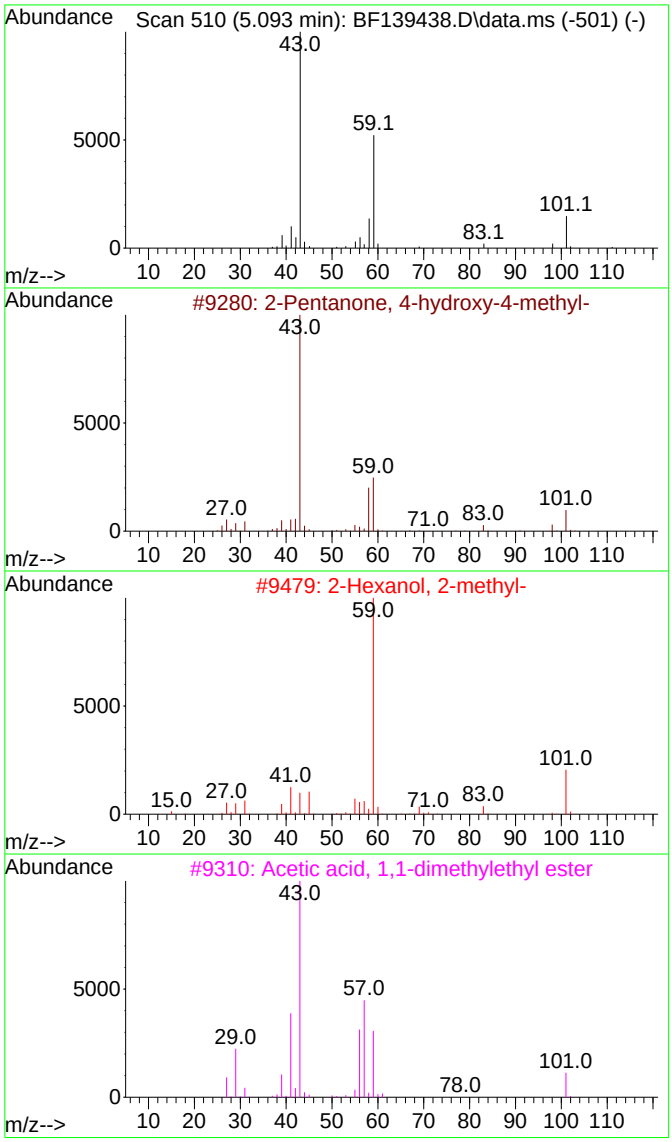
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

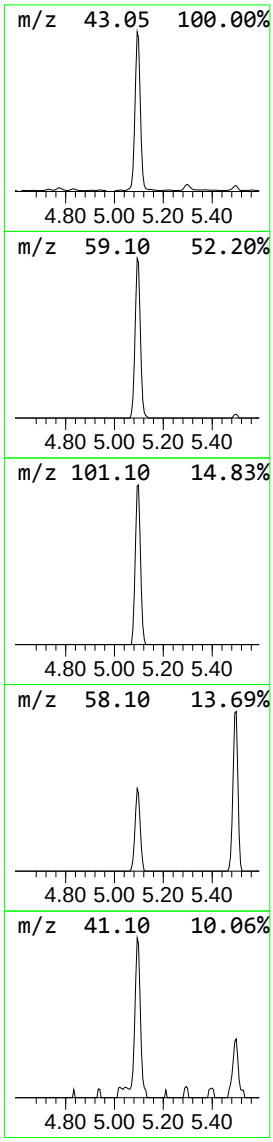
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.10 ng	105902	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	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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

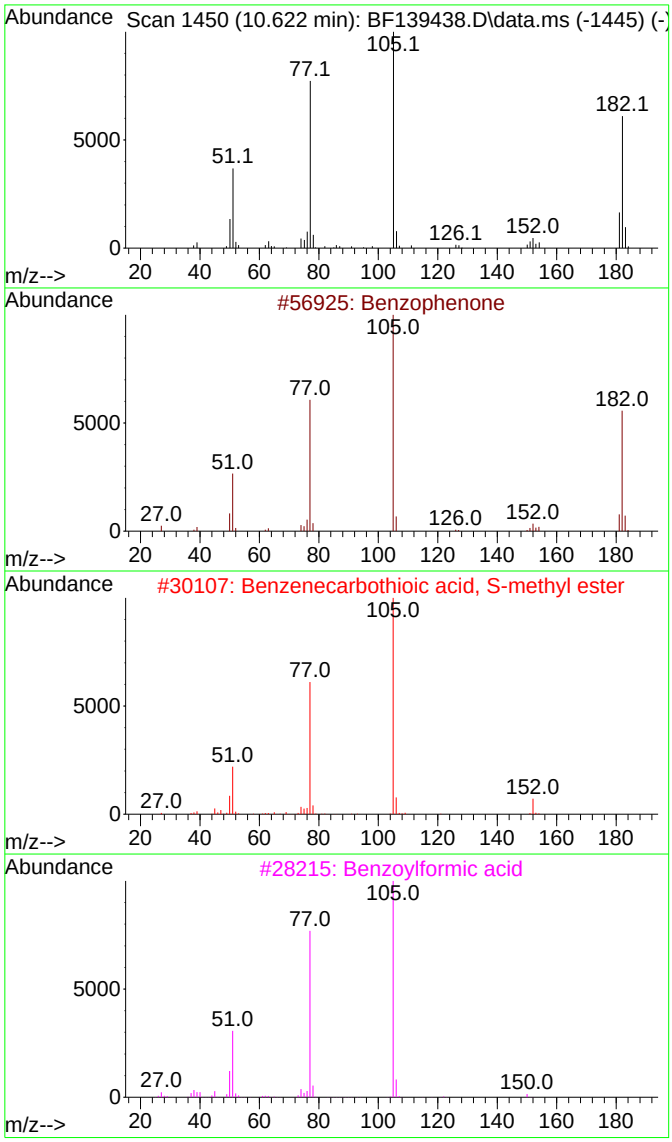
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

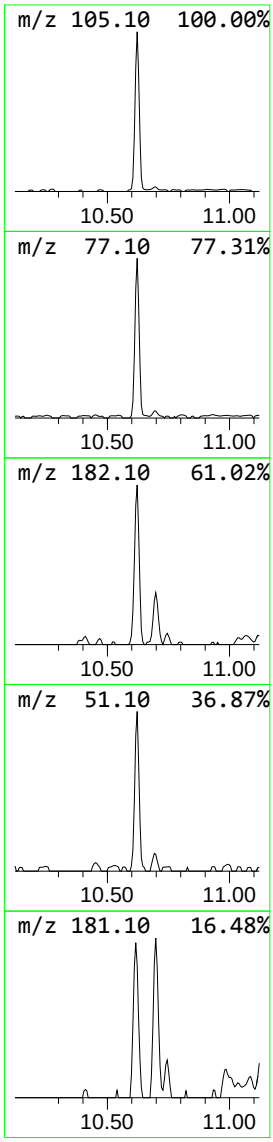
****

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	4.03 ng	95256	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	62
3	Benzoylformic acid	150	C8H6O3	000611-73-4	58
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	50
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

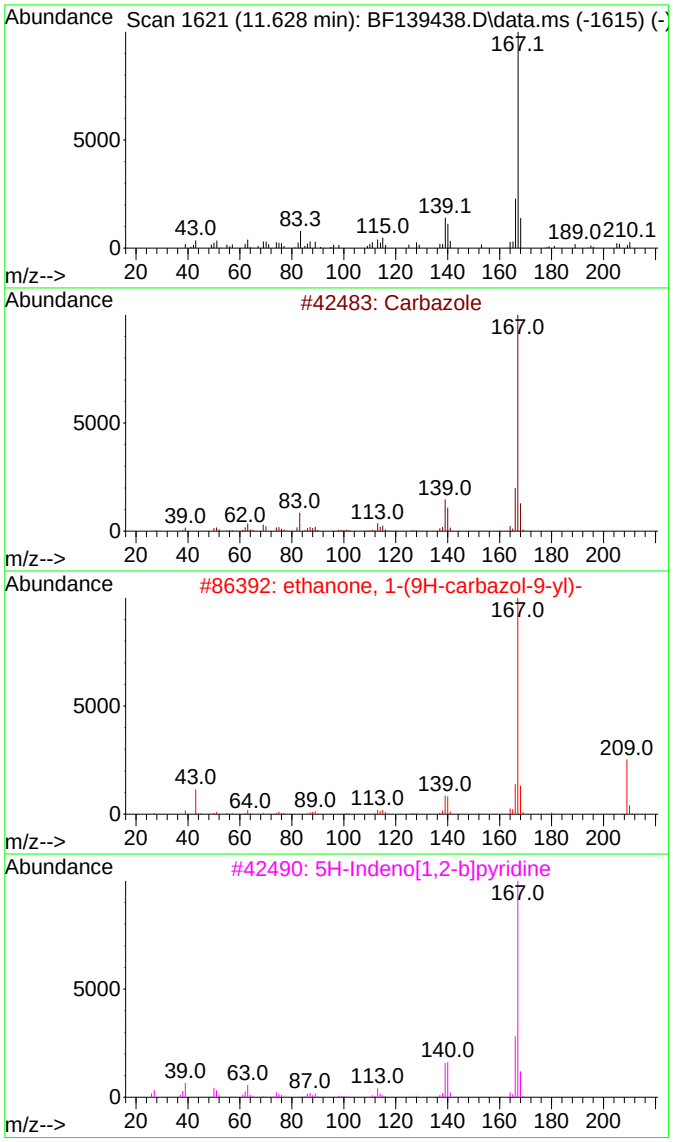
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

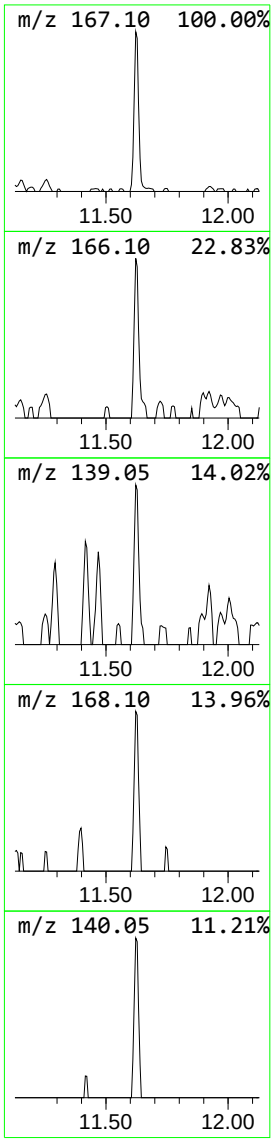
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 ethanone, 1-(9H-carbazol-9-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.628	2.06 ng	45504	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	94
2	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	93
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	90
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

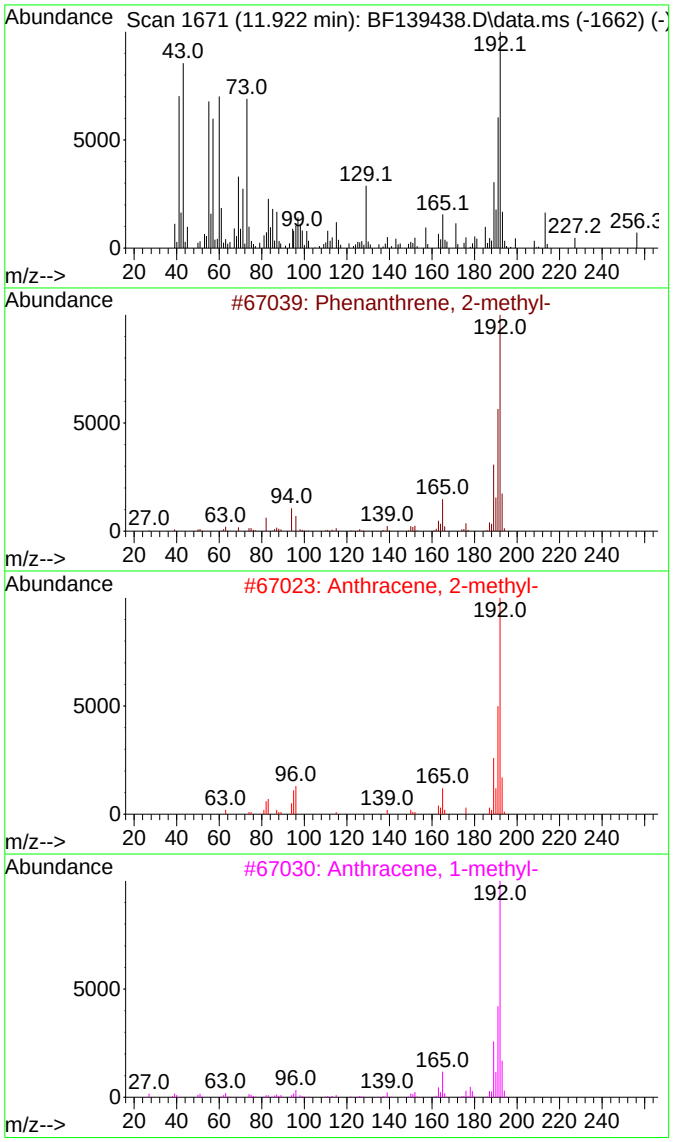
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

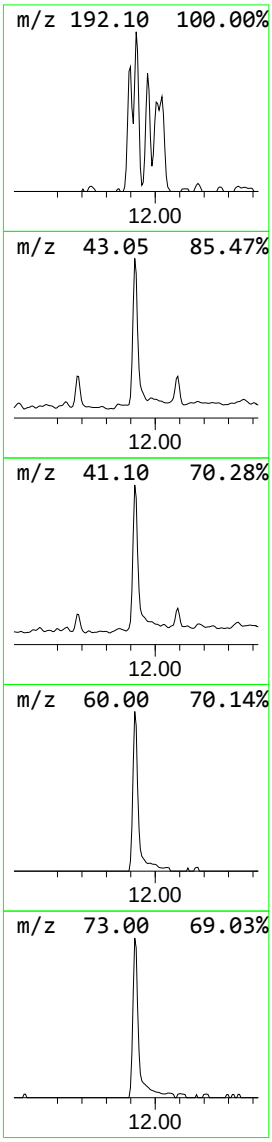
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	10.69 ng	236425	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

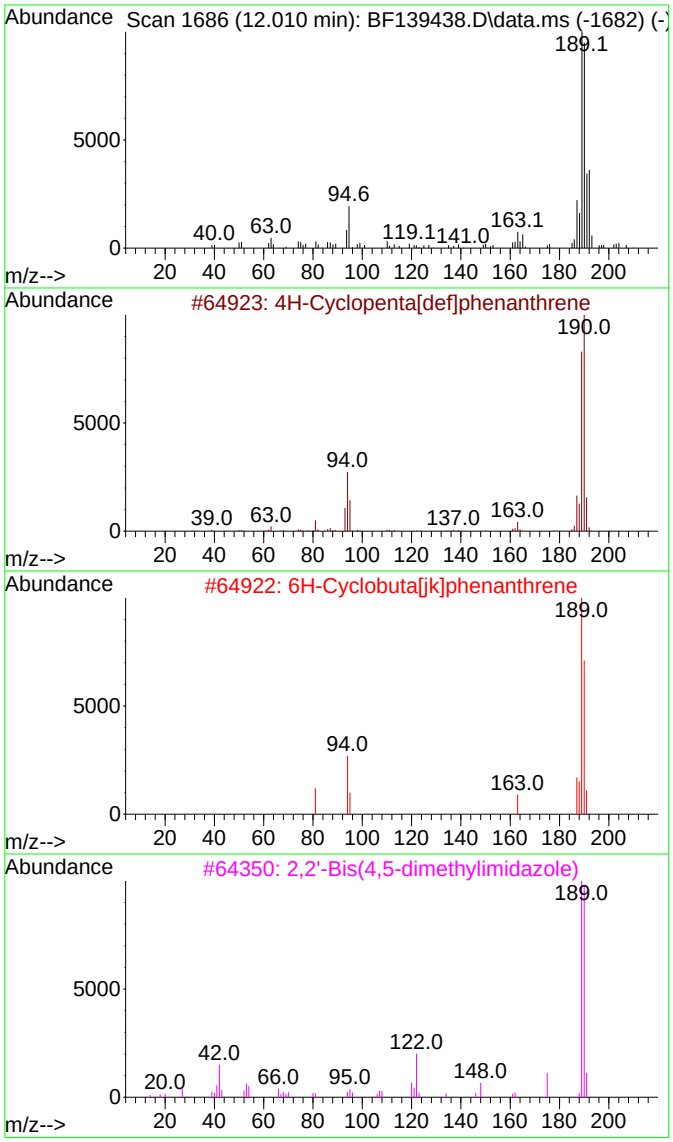
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

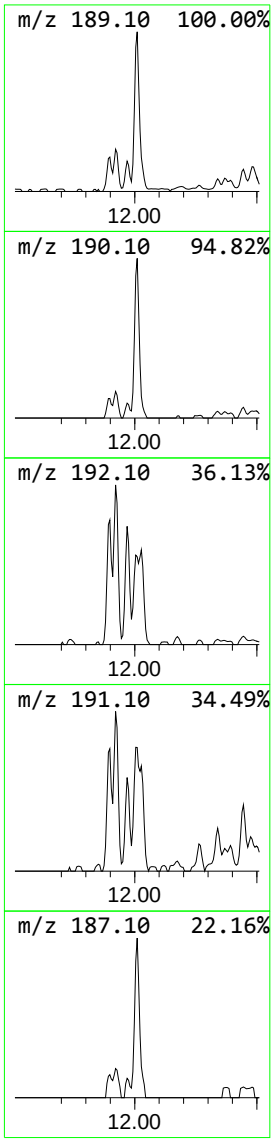
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	4.83 ng	106886	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25
5	benzoic acid, 4-hexyl-, 4-(1-oxo...	408	C27H36O3	1000399-04-5	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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

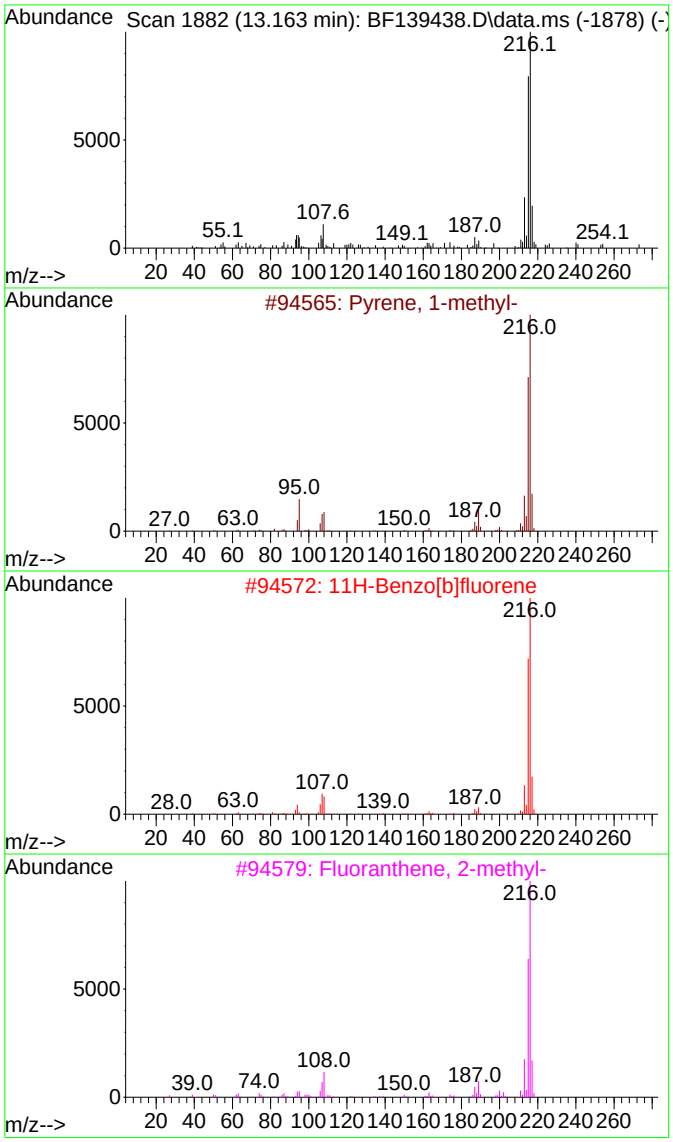
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

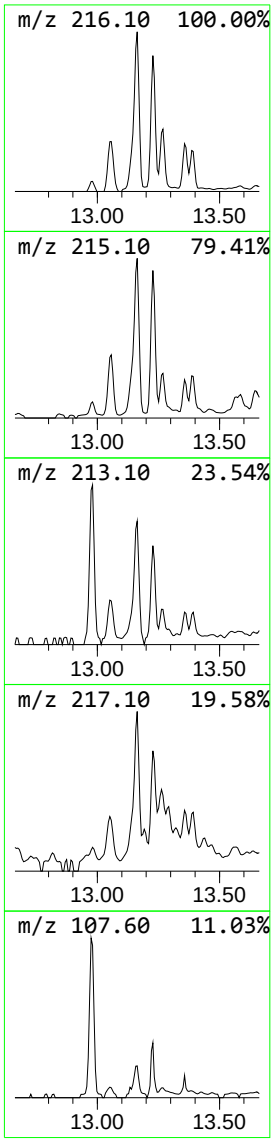
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.16 ng	54879	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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

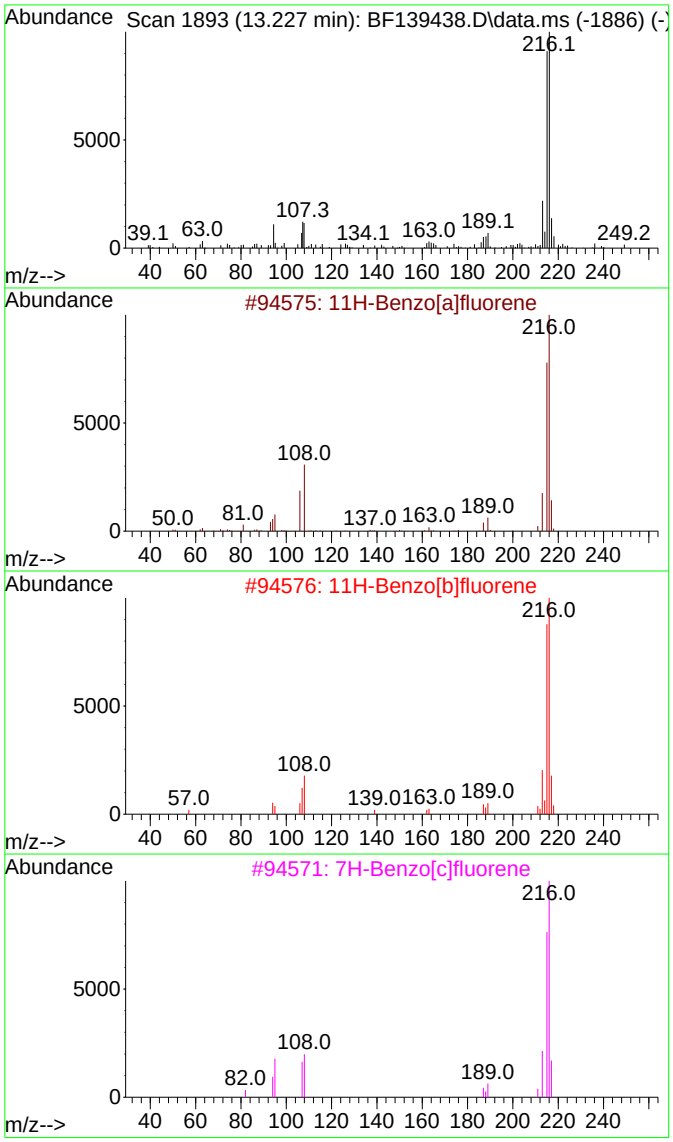
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

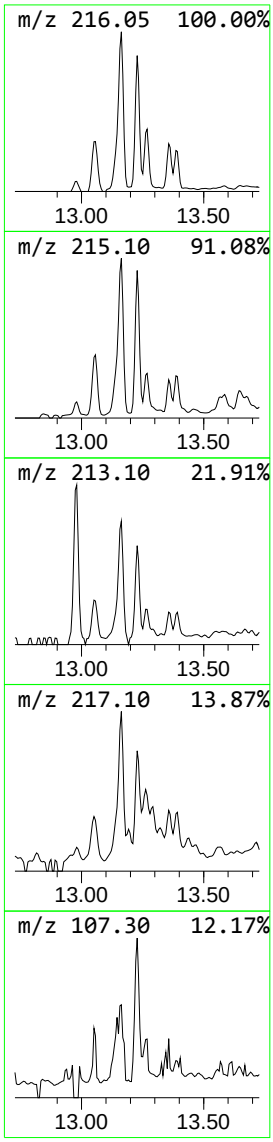
****

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	2.78 ng	70645	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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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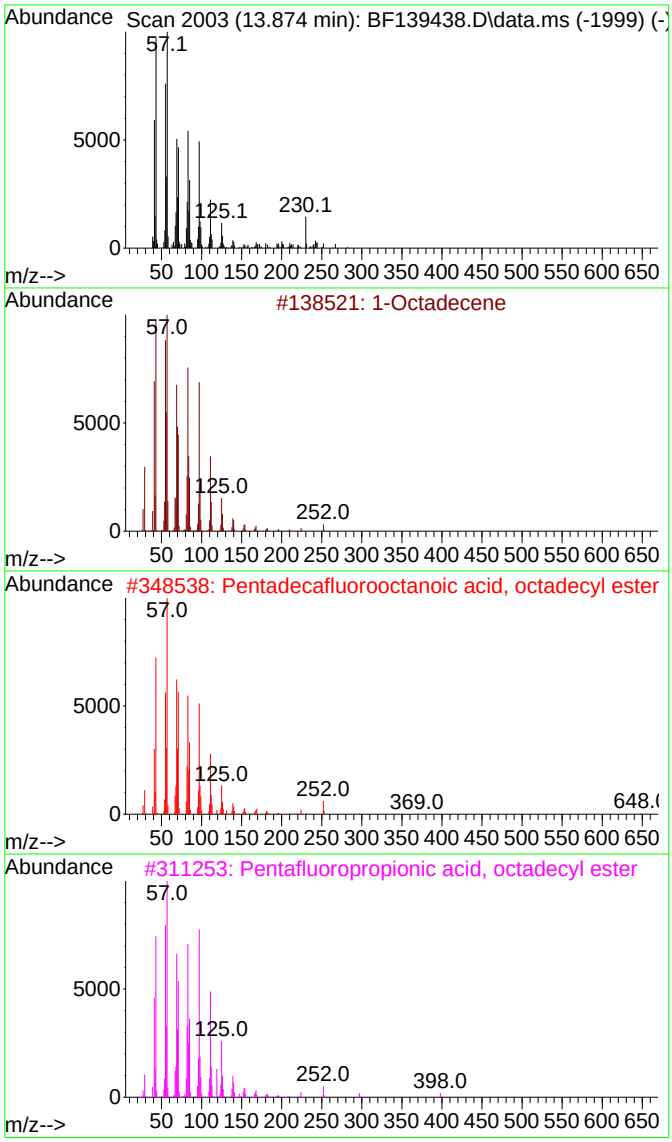
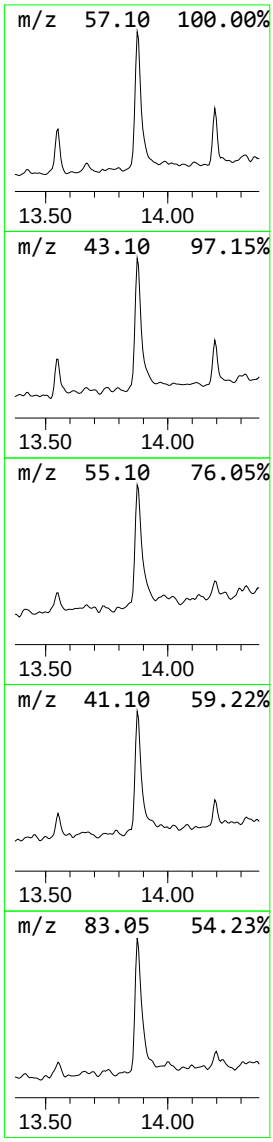
Peak Number 9 1-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	6.31 ng	160197	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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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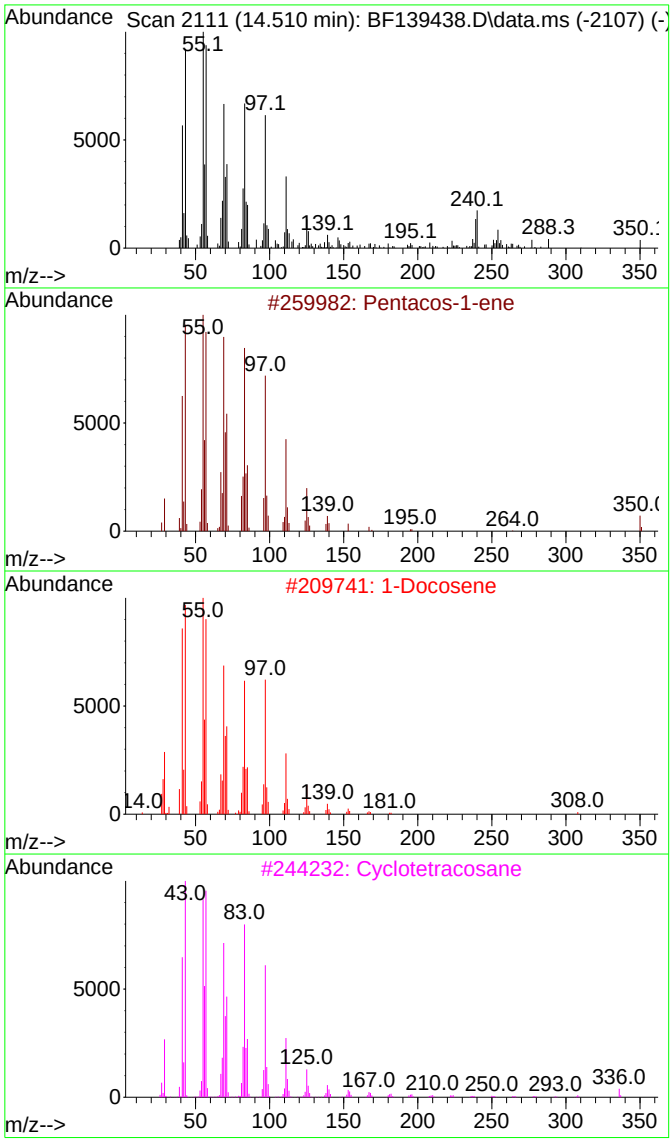
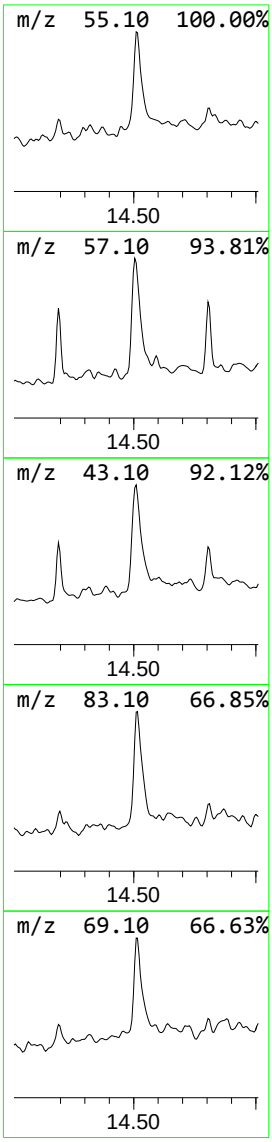
Peak Number 10 Pentacos-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	5.37 ng	136482	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	96
2	1-Docosene	308	C22H44	001599-67-3	93
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	1-Octadecene	252	C18H36	000112-88-9	92
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139438.D
Acq On : 18 Sep 2024 21:12
Operator : RC/JU
Sample : P4002-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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	56.9	ng	1180430	1	6.875	415003	20.0
2-Pentanone, 4-...	5.093	5.1	ng	105902	1	6.875	415003	20.0
Benzophenone	10.622	4.0	ng	95256	3	9.910	473170	20.0
ethanone, 1-(9H...	11.628	2.1	ng	45504	4	11.392	442442	20.0
Phenanthrene, 2...	11.922	10.7	ng	236425	4	11.392	442442	20.0
4H-Cyclopenta[d...	12.010	4.8	ng	106886	4	11.392	442442	20.0
Pyrene, 1-methyl-	13.163	2.2	ng	54879	5	14.033	507918	20.0
11H-Benzo[a]flu...	13.227	2.8	ng	70645	5	14.033	507918	20.0
1-Octadecene	13.874	6.3	ng	160197	5	14.033	507918	20.0
Pentacos-1-ene	14.510	5.4	ng	136482	5	14.033	507918	20.0