LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0.167-0.667

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139771.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	19	rVB	1244149	1922449	100.00%	10.673%
2	5.075	498	507	523	rVB	63714	95877	4.99%	0.532%
3	5.487	568	577	596	rBV	919069	1192686	62.04%	6.621%
4	6.498	743	749	764	rBV	858980	1124578	58.50%	6.243%
5	6.869	807	812	817	rVB	337031	427043	22.21%	2.371%
6	7.428	901	907	918	rBV	570109	722374	37.58%	4.010%
7	7.681	945	950	954	rBV	18776	25547	1.33%	0.142%
8	7.722	954	957	963	rVB	16238	21228	1.10%	0.118%
9	8.145	1024	1029	1038	rBV	378558	490958	25.54%	2.726%
10	8.239	1040	1045	1056	rVB	34810	54056	2.81%	0.300%
11	8.363	1062	1066	1072	rVB	15239	19533	1.02%	0.108%
12	8.857	1143	1150	1155	rVB2	13207	21378	1.11%	0.119%
13	9.222	1207	1212	1221	rBV	874770	1077528	56.05%	5.982%
14	9.763	1299	1304	1309	rBV	24321	29214	1.52%	0.162%
15	9.898	1318	1327	1331	rBV	337575	446027	23.20%	2.476%
16	9.933	1331	1333	1338	rVB	30114	31951	1.66%	0.177%
17	10.104	1357	1362	1366	rBV2	18240	23204	1.21%	0.129%
18	10.310	1391	1397	1402	rBV	23108	37644	1.96%	0.209%
19	10.445	1416	1420	1426	rVB	26783	36925	1.92%	0.205%
20	10.610	1443	1448	1454	rVB	123598	162147	8.43%	0.900%
21	10.692	1456	1462	1476	rBV	416875	566996	29.49%	3.148%
22	10.810	1476	1482	1489	rVB5	9956	20415	1.06%	0.113%
23	10.921	1489	1501	1507	rBV5	7041	25445	1.32%	0.141%
24	11.192	1543	1547	1551	rBV2	23475	31285	1.63%	0.174%
25	11.245	1551	1556	1559	rVV3	13971	24059	1.25%	0.134%
26	11.286	1559	1563	1569	rVB	20197	27409	1.43%	0.152%
27	11.386	1575	1580	1582	rBV	336256	440969	22.94%	2.448%
28	11.410	1582	1584	1589	rVV	375967	451185	23.47%	2.505%
29	11.463	1589	1593	1597	rVB	70814	88237	4.59%	0.490%
30	11.621	1614	1620	1627	rBV2	43128	75058	3.90%	0.417%
31	11.916	1661	1670	1675	rBV2	150023	302513	15.74%	1.679%
32	11.963	1676	1678	1681	rVV	30461	39554	2.06%	0.220%
33	12.004	1681	1685	1693	rVB2	84651	160937	8.37%	0.893%
34	12.074	1693	1697	1703	rBV6	12293	28827	1.50%	0.160%
35	12.186	1712	1716	1718	rBV	35247	45589	2.37%	0.253%
36	12.210	1718	1720	1725	rVB	39842	48110	2.50%	0.267%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0.167-0.667

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.333	1737	1741	1744	rBV3	15887	23132	1.20%	0.128%
38	12.439	1755	1759	1762	rBV	36742	56176	2.92%	0.312%
39	12.474	1762	1765	1770	rVV2	26937	46068	2.40%	0.256%
40	12.527	1770	1774	1779	rVB	41663	58996	3.07%	0.328%
41	12.604	1782	1787	1792	rBV	662364	826699	43.00%	4.590%
42	12.663	1792	1797	1800	rBV2	12960	20034	1.04%	0.111%
43	12.698	1800	1803	1806	rBV	24571	28155	1.46%	0.156%
44	12.833	1819	1826	1831	rBV	576707	850046	44.22%	4.719%
45	12.880	1831	1834	1839	rVB2	36185	50020	2.60%	0.278%
46	12.974	1842	1850	1857	rBV	825257	1172028	60.97%	6.507%
47	13.051	1857	1863	1867	rBV2	58007	113735	5.92%	0.631%
48	13.157	1874	1881	1885	rVB2	73912	149723	7.79%	0.831%
49	13.198	1885	1888	1890	rBV3	18711	24485	1.27%	0.136%
50	13.227	1890	1893	1895	rVV	35843	42524	2.21%	0.236%
51	13.262	1895	1899	1906	rVB3	64565	104181	5.42%	0.578%
52	13.357	1912	1915	1917	rBV	27246	28622	1.49%	0.159%
53	13.386	1917	1920	1926	rVB2	29356	38497	2.00%	0.214%
54	13.539	1943	1946	1949	rBV3	25494	40321	2.10%	0.224%
55	13.668	1964	1968	1973	rVB	72355	97852	5.09%	0.543%
56	13.780	1982	1987	1989	rBV2	70632	108631	5.65%	0.603%
57	13.804	1989	1991	1993	rVV	23765	27831	1.45%	0.155%
58	13.874	2000	2003	2012	rVB2	99577	165023	8.58%	0.916%
59	14.027	2022	2029	2032	rBV2	632038	1103285	57.39%	6.125%
60	14.133	2045	2047	2051	rVB	40033	44742	2.33%	0.248%
61	14.415	2092	2095	2098	rVB	60277	67710	3.52%	0.376%
62	14.492	2105	2108	2113	rBV5	37830	59898	3.12%	0.333%
63	14.786	2154	2158	2165	rVB3	115240	189209	9.84%	1.050%
64	15.074	2202	2207	2215	rBV	307513	679528	35.35%	3.773%
65	15.180	2223	2225	2229	rVB	43614	49767	2.59%	0.276%
66	15.380	2255	2259	2265	rVB	142712	210981	10.97%	1.171%
67	15.439	2265	2269	2275	rVV	216376	326664	16.99%	1.814%
68	15.504	2275	2280	2296	rVB2	247713	523203	27.22%	2.905%
69	16.980	2526	2531	2539	rVB2	86673	177500	9.23%	0.985%
70	17.427	2602	2607	2620	rVB	72293	168255	8.75%	0.934%

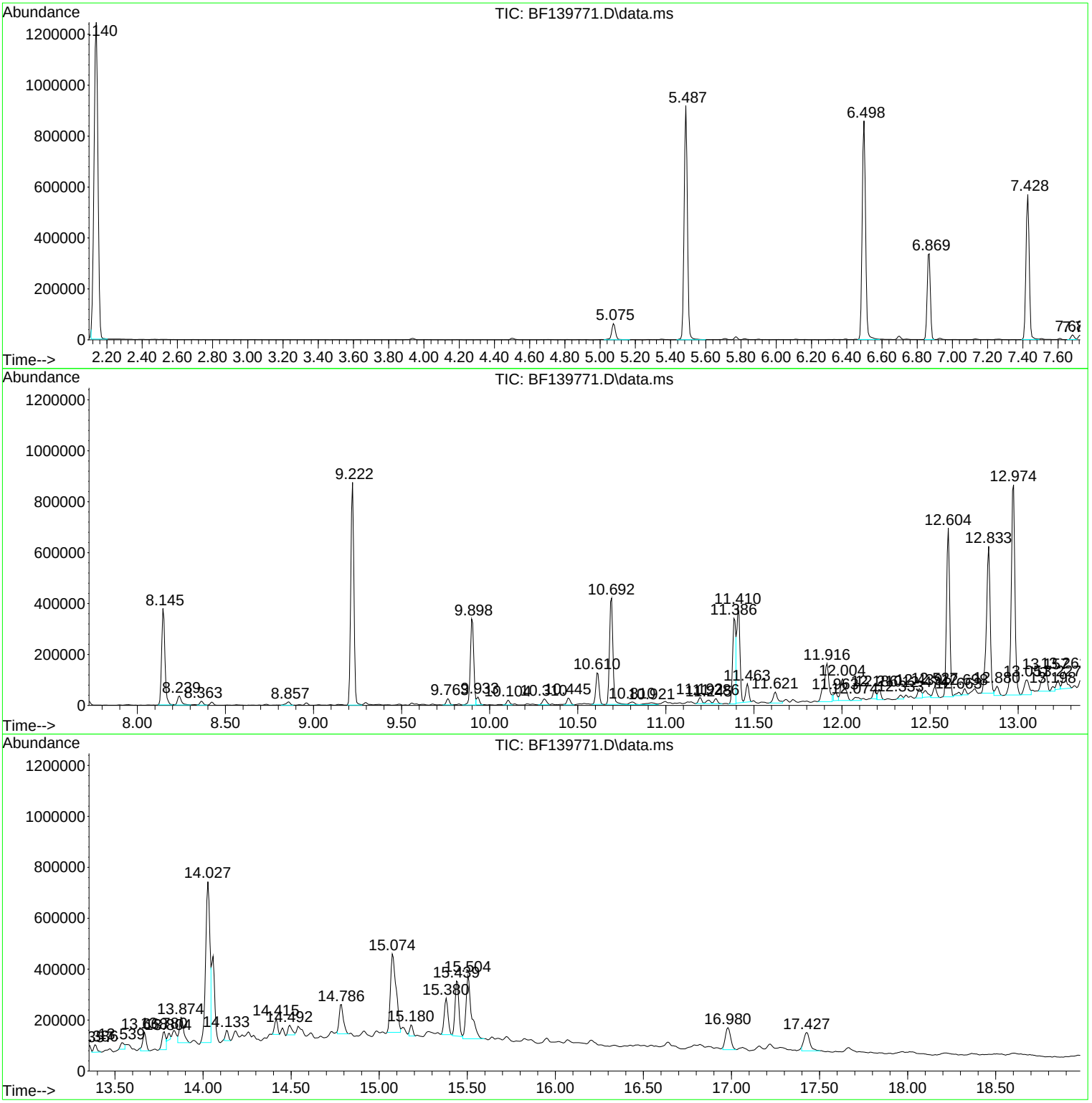
Sum of corrected areas: 18012456

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0.167-0.667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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\BF101124\
Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
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Instrument :
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SB-05-0.167-0.667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

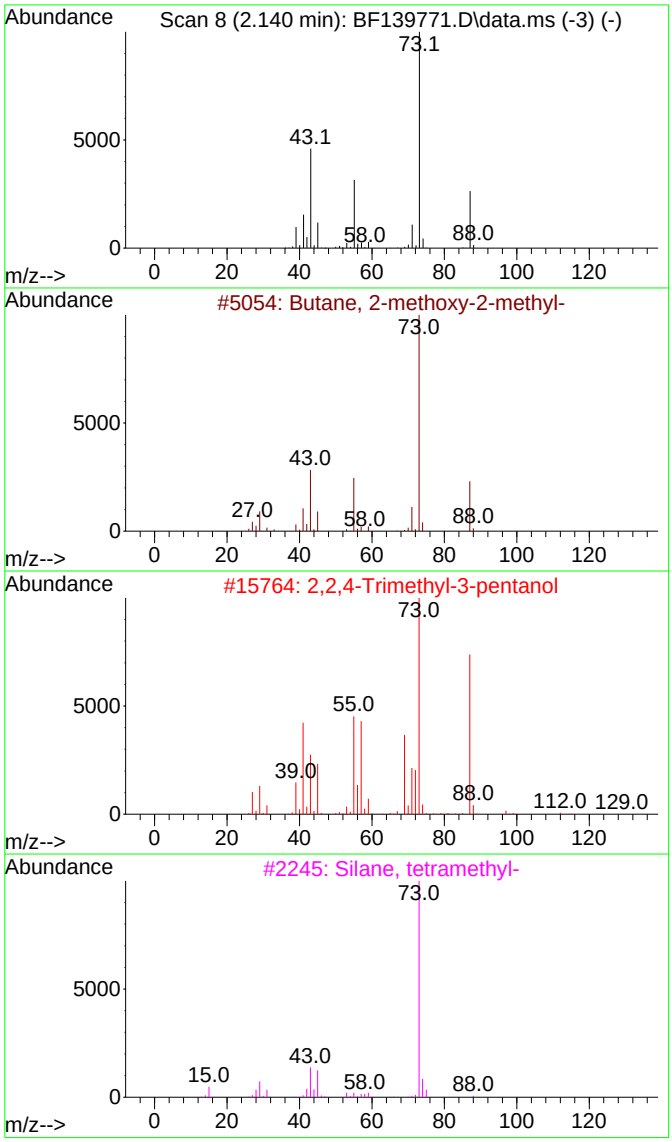
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

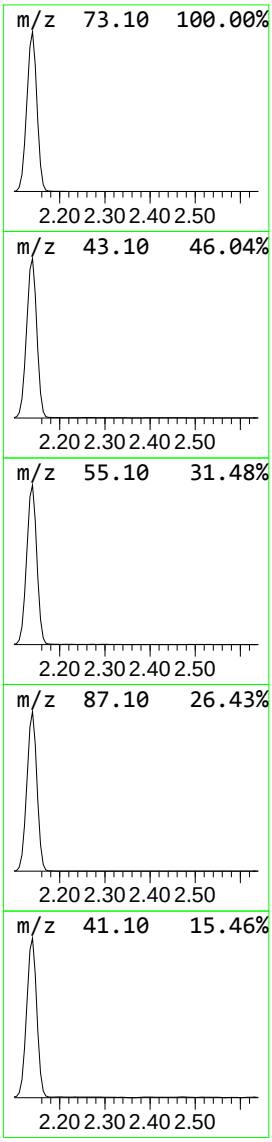
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	90.04 ng	1922450	1,4-Dichlorobenzene-d4	6.869

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	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0.167-0.667

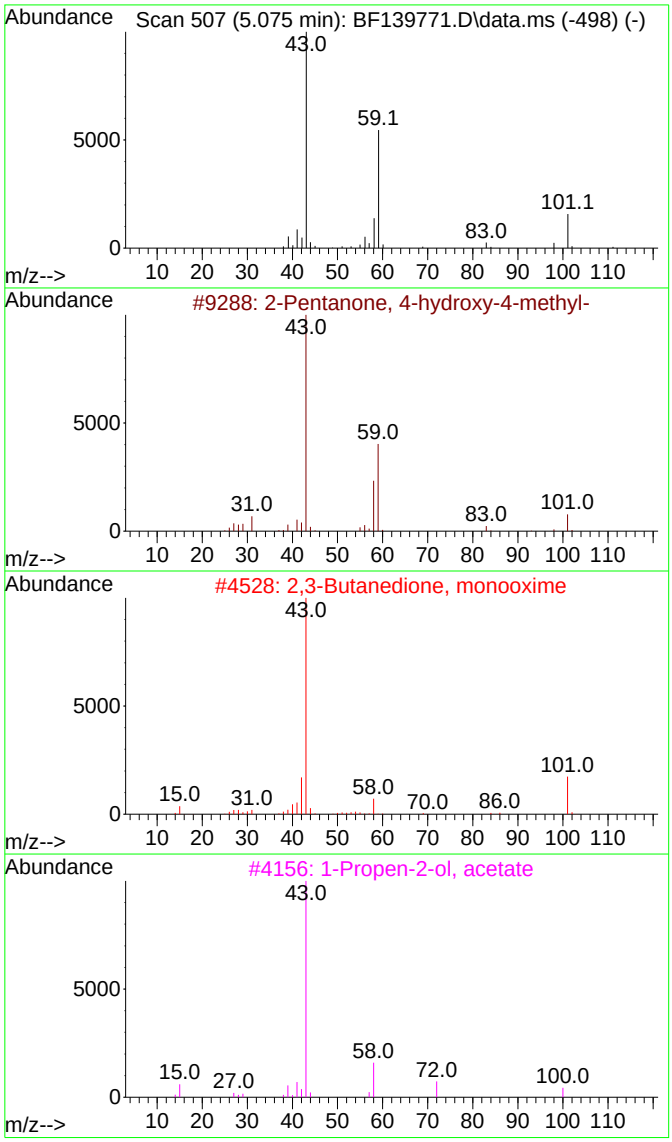
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

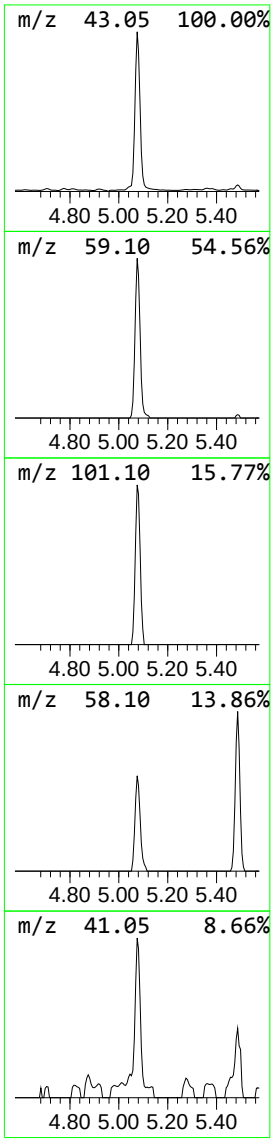
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	4.49 ng	95877	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0.167-0.667

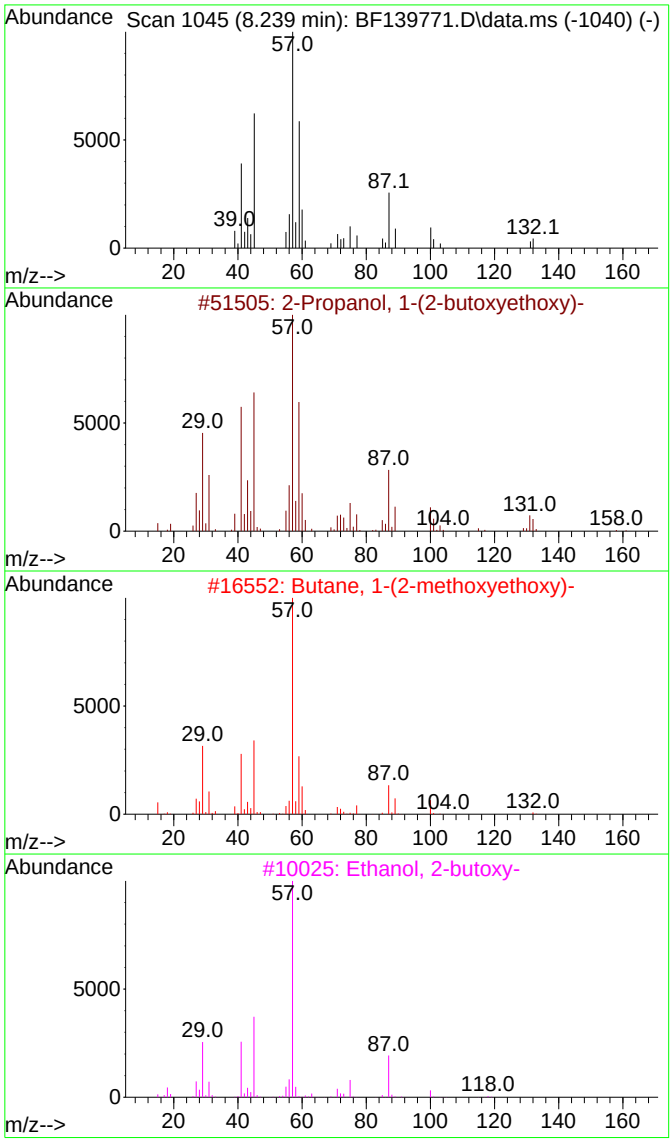
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

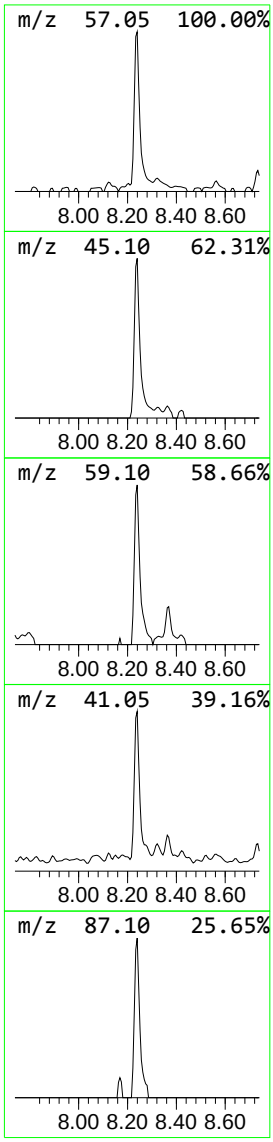
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Propanol, 1-(2-butoxyetho... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	2.20 ng	54056	Naphthalene-d8	8.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxyethoxy)-	176	C9H20O3	000124-16-3	91
2	Butane, 1-(2-methoxyethoxy)-	132	C7H16O2	013343-98-1	47
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	43
4	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	38
5	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0.167-0.667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

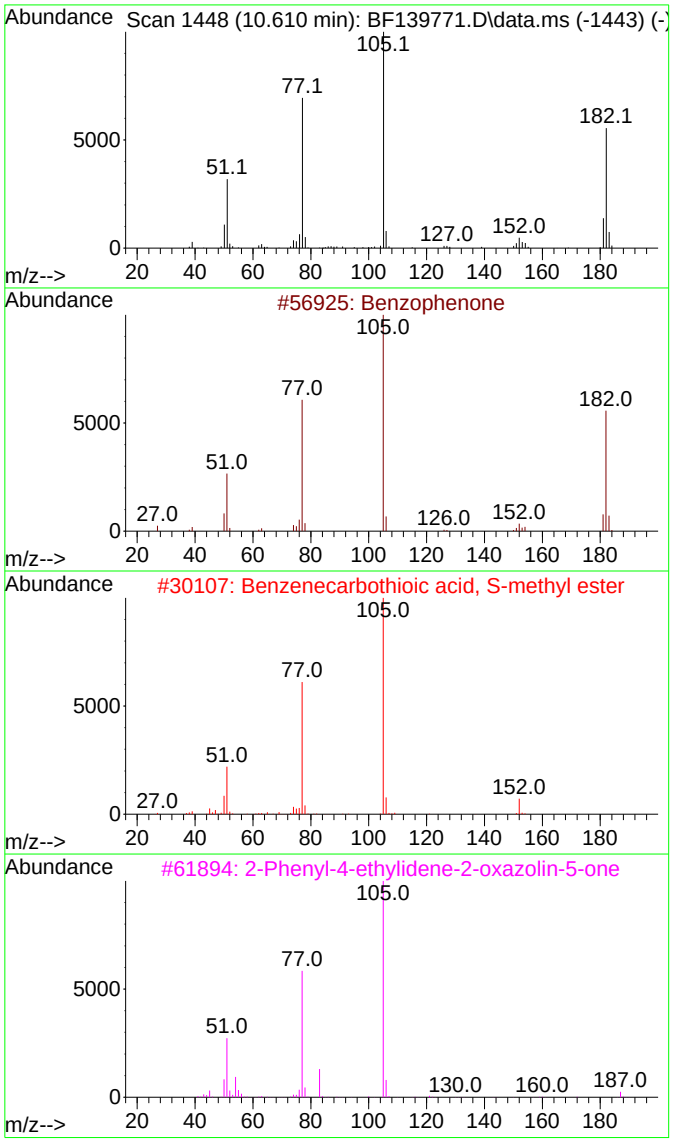
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

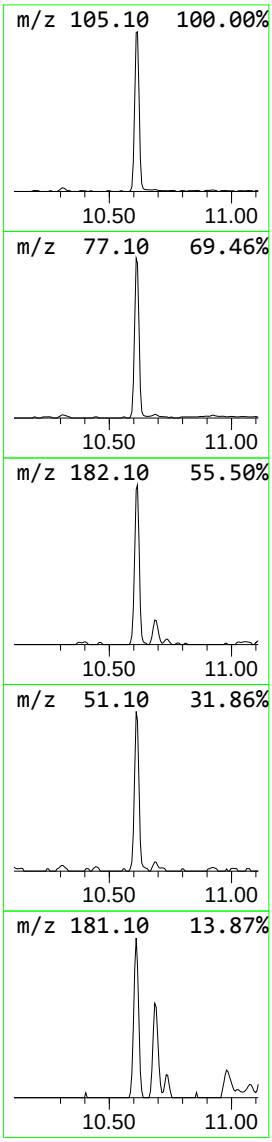
****

Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	7.27 ng	162147	Acenaphthene-d10	9.898

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	49
3	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	2-Chloro-1-phenyl-1-propanone	168	C9H9ClO	006084-17-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0.167-0.667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

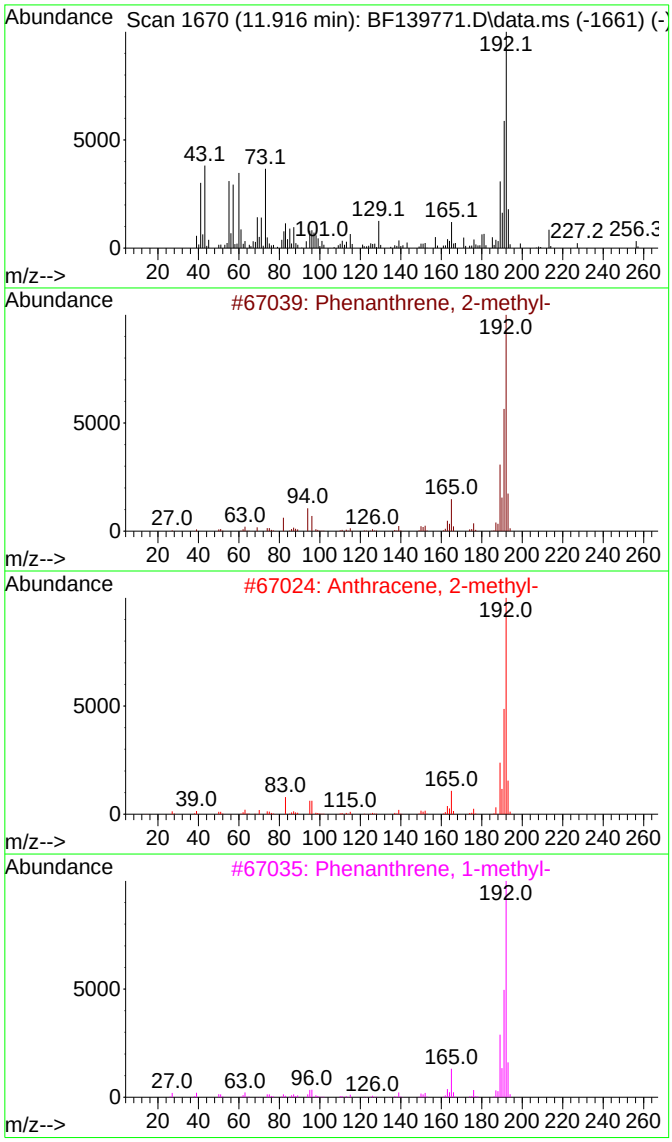
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

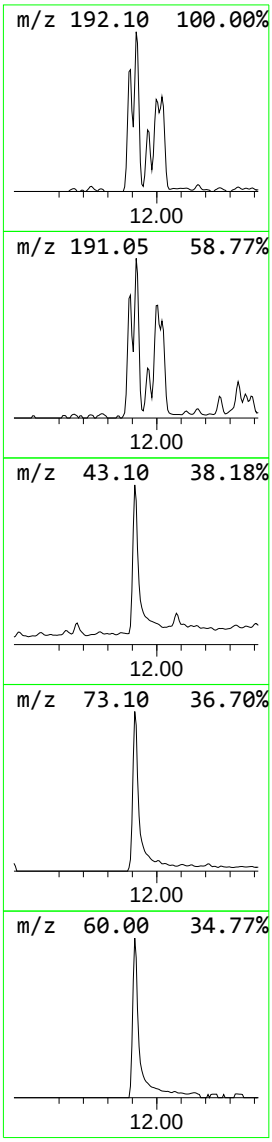
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	13.72 ng	302513	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0.167-0.667

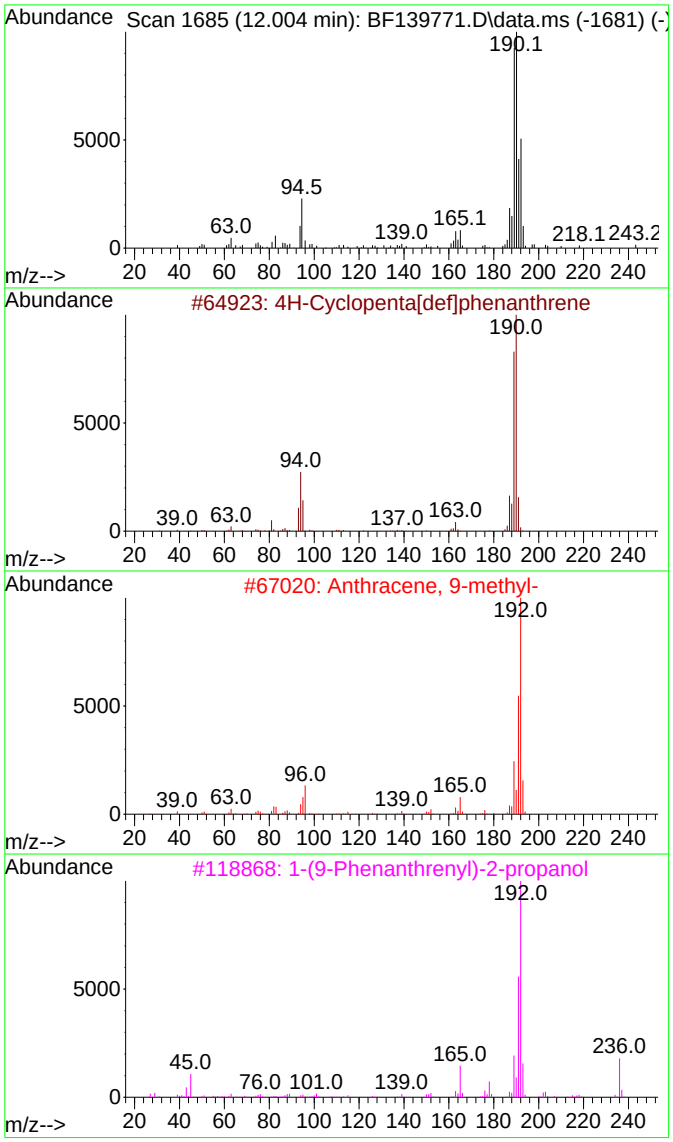
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

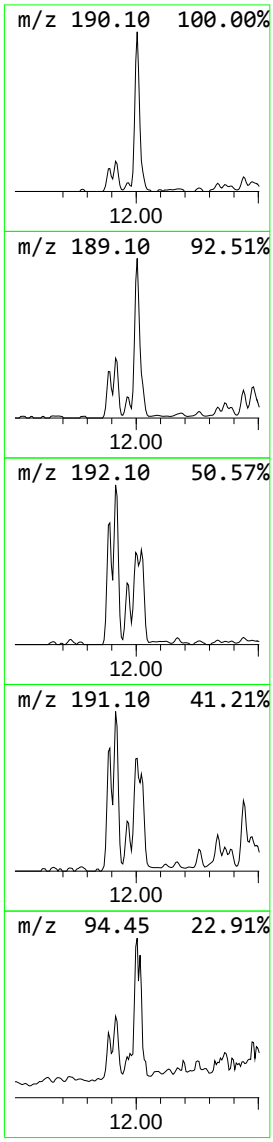
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	7.30 ng	160937	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25
3	1-(9-Phenanthrenyl)-2-propanol	236	C17H16O	1000326-09-0	22
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	18
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0.167-0.667

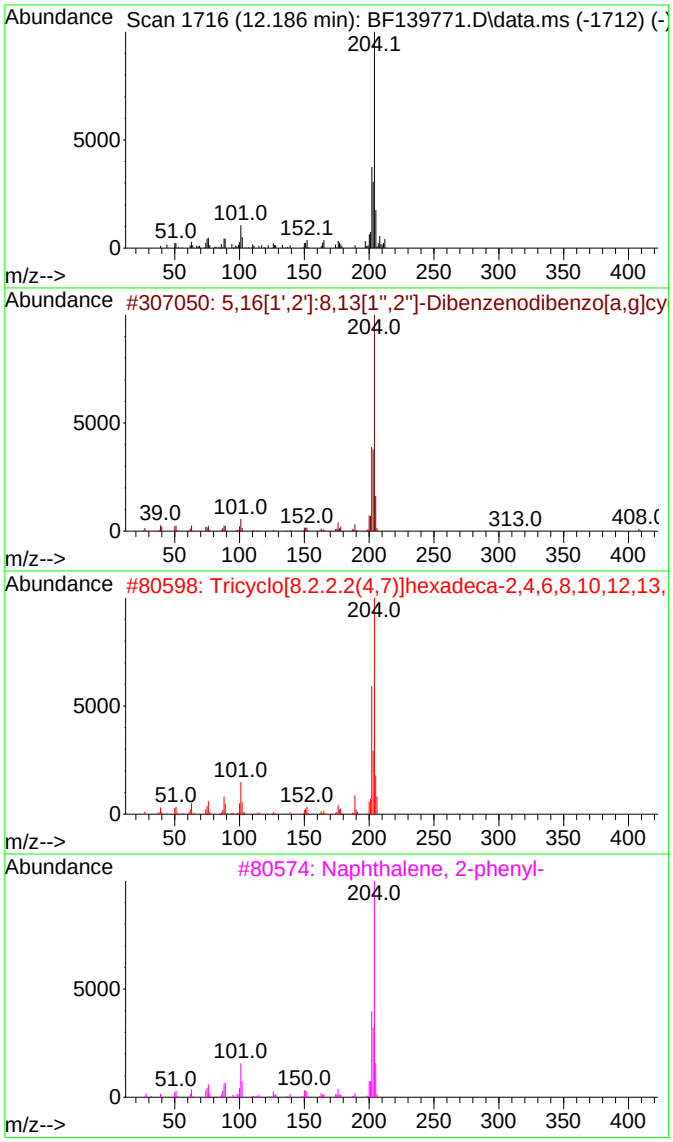
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

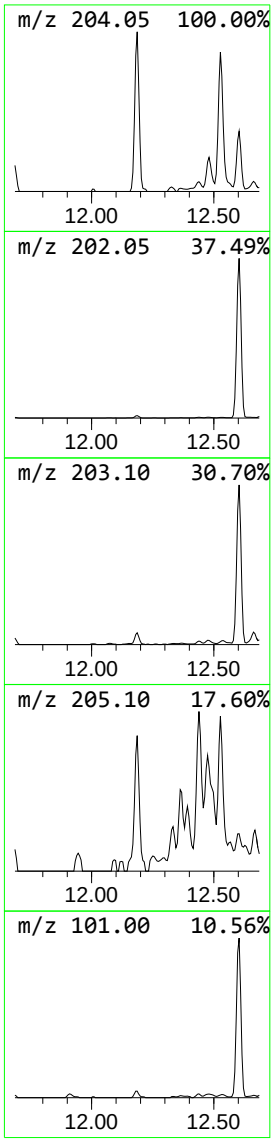
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	2.07 ng	45589	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0.167-0.667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

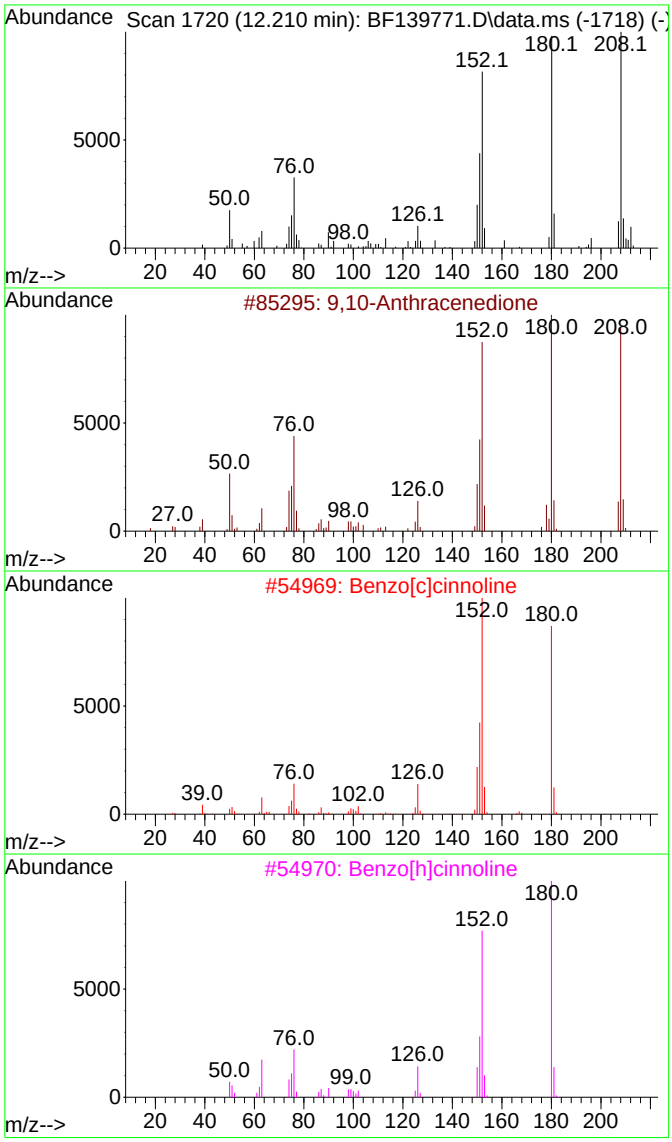
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

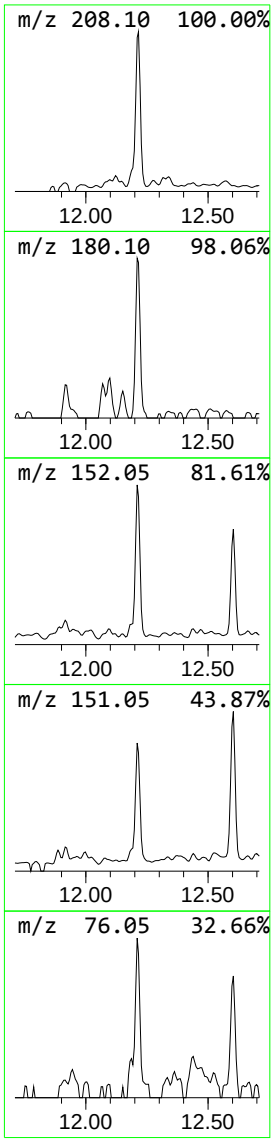
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	2.18 ng	48110	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	50





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Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05-0.167-0.667

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

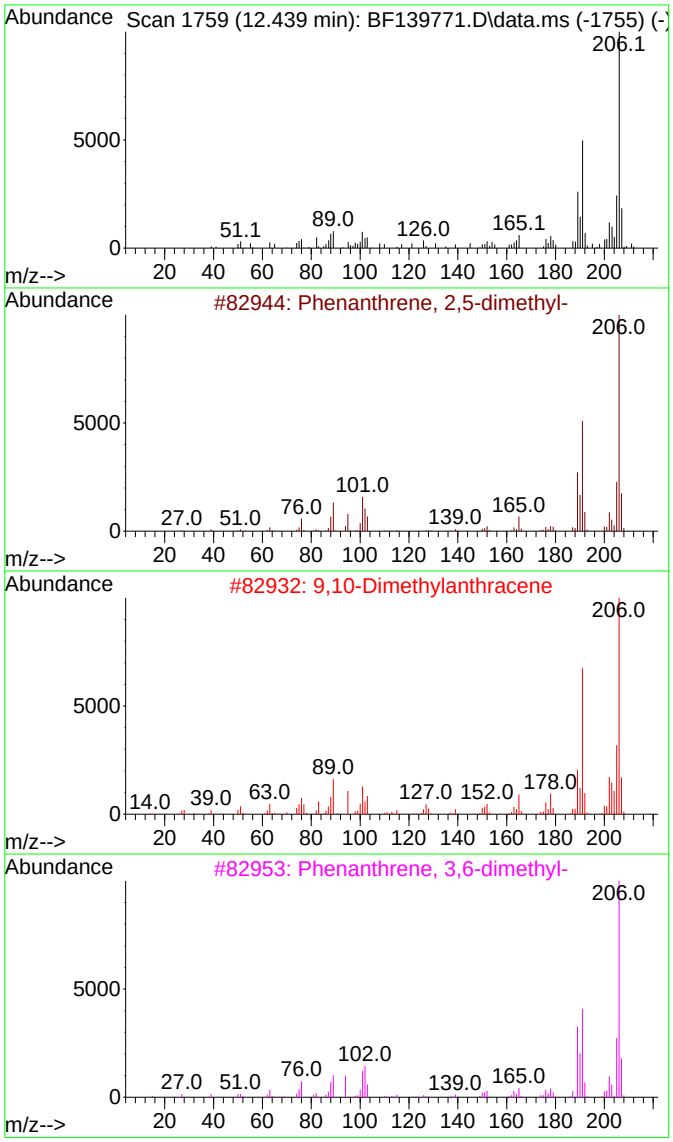
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

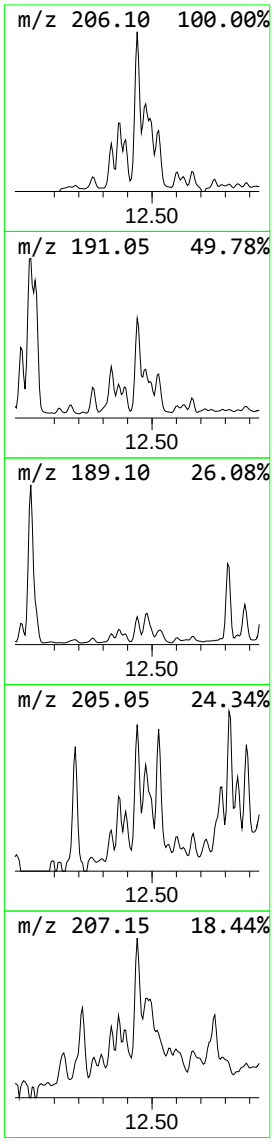
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	2.55 ng	56176	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86





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Acq On : 11 Oct 2024 13:23
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05-0.167-0.667

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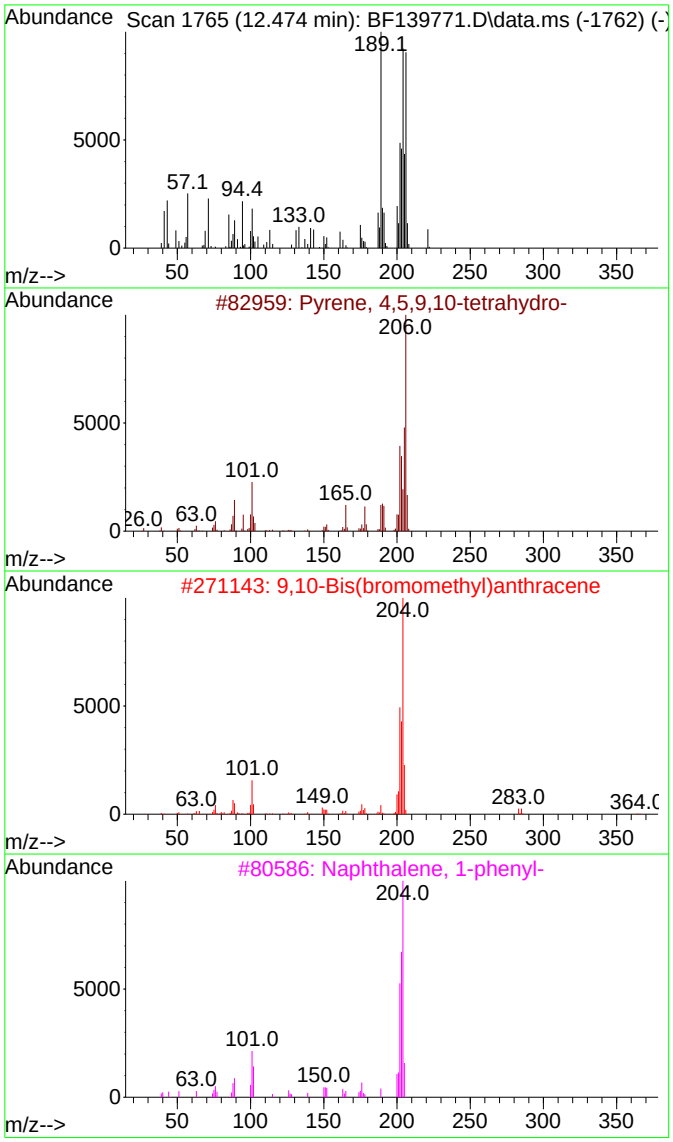
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

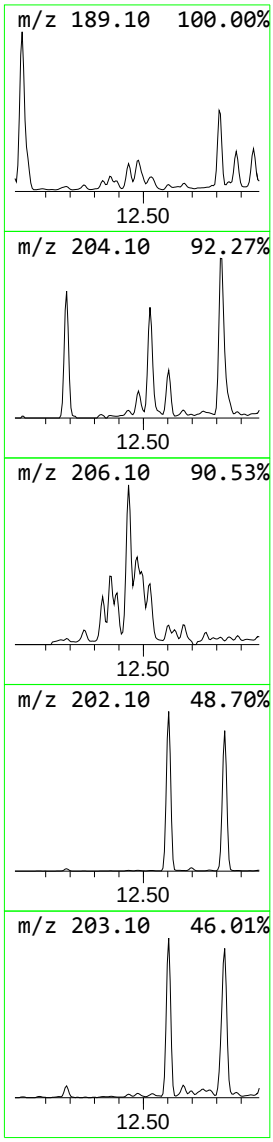
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	2.09 ng	46068	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	50
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	35
5	3,4-Dihydrocoumarin, 4,4-dimethy...	204	C13H16O2	029423-74-3	30





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Misc :
ALS Vial : 10 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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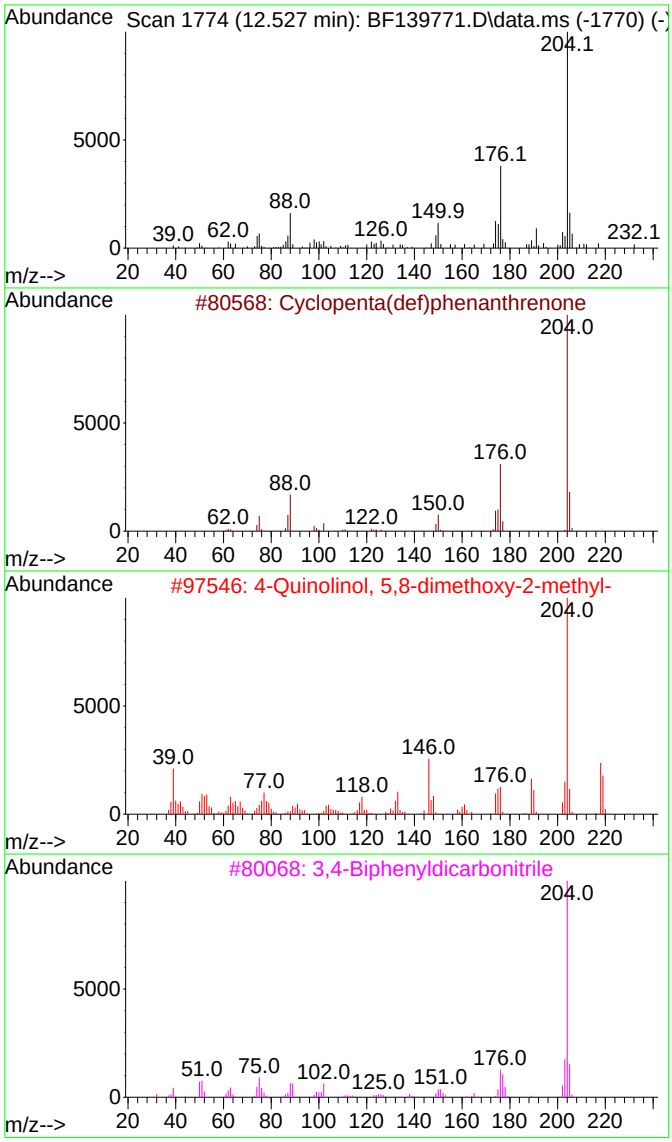
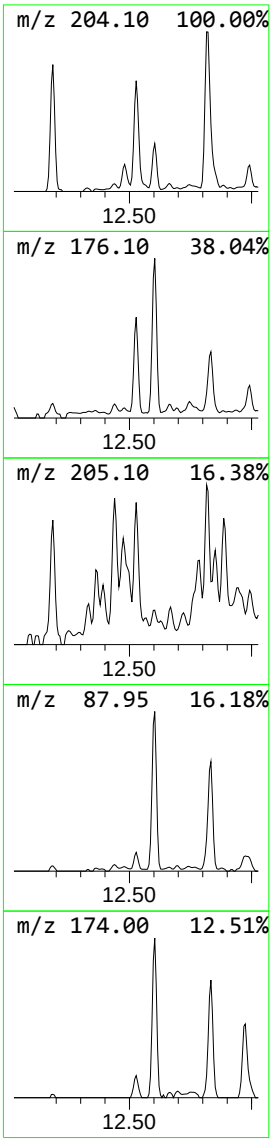
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	2.68 ng	58996	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	53
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	50





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Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05-0.167-0.667

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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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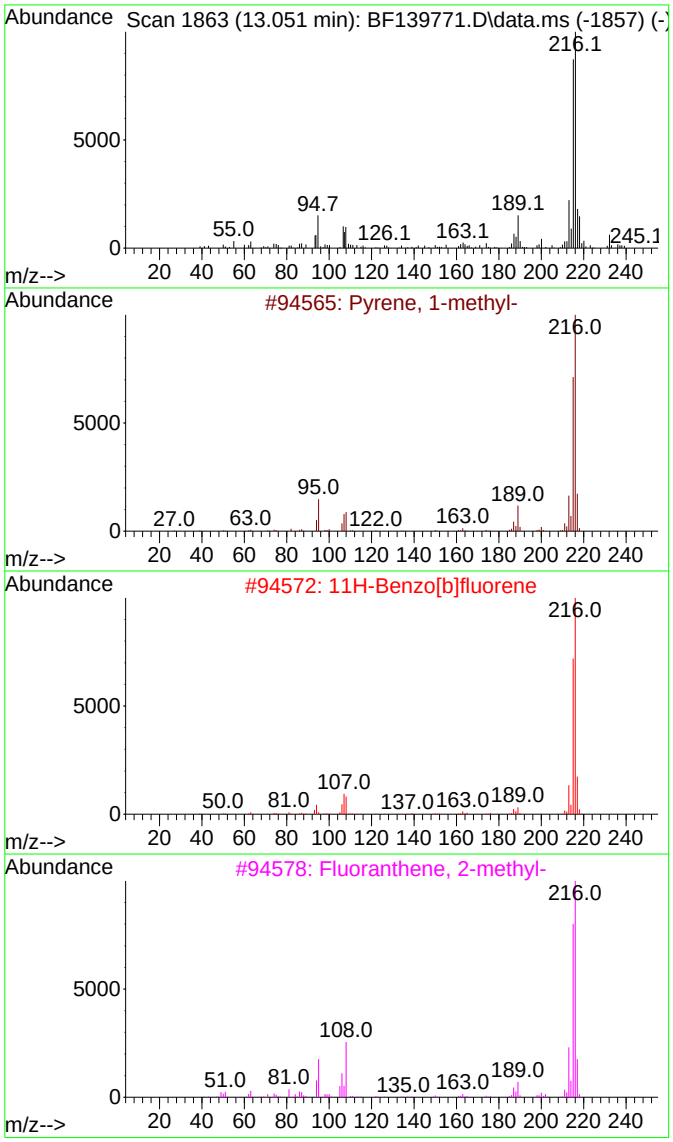
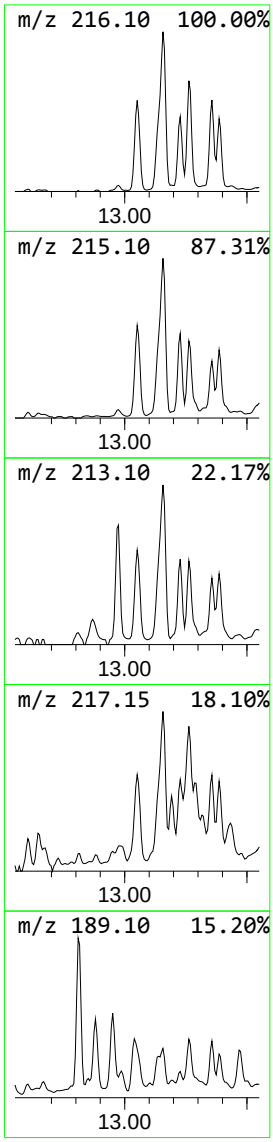
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	2.06 ng	113735	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
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	62





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05-0.167-0.667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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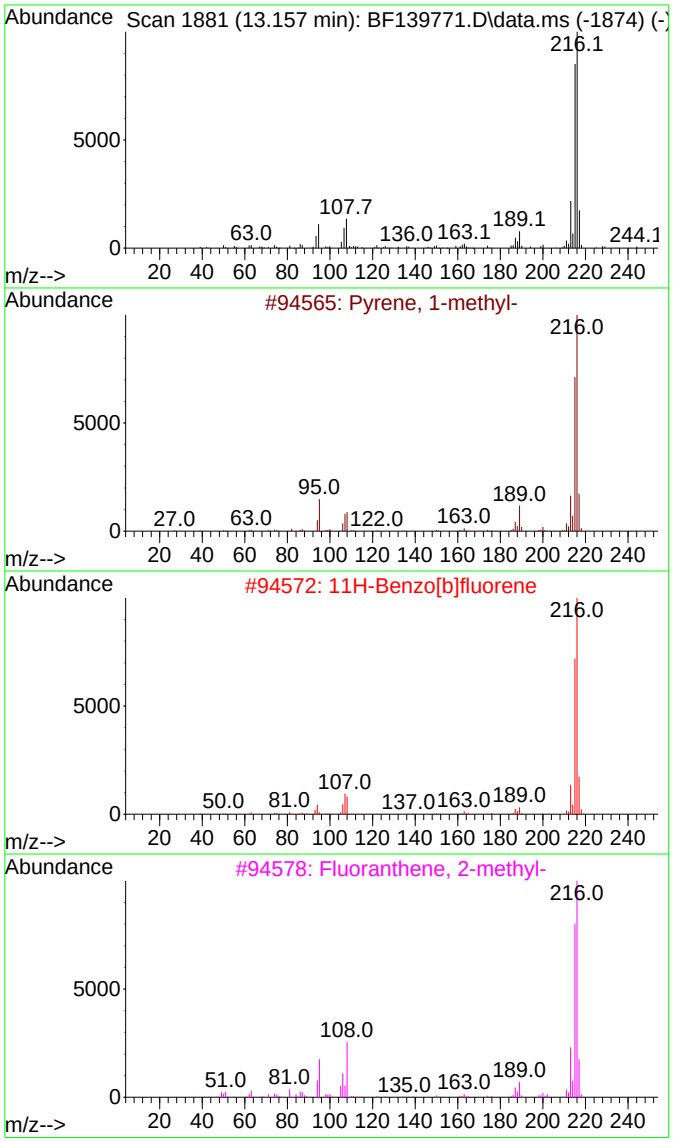
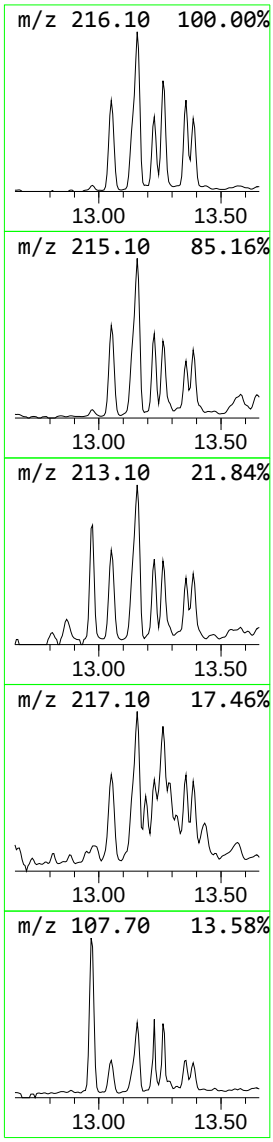
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.71 ng	149723	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	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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ALS Vial : 10 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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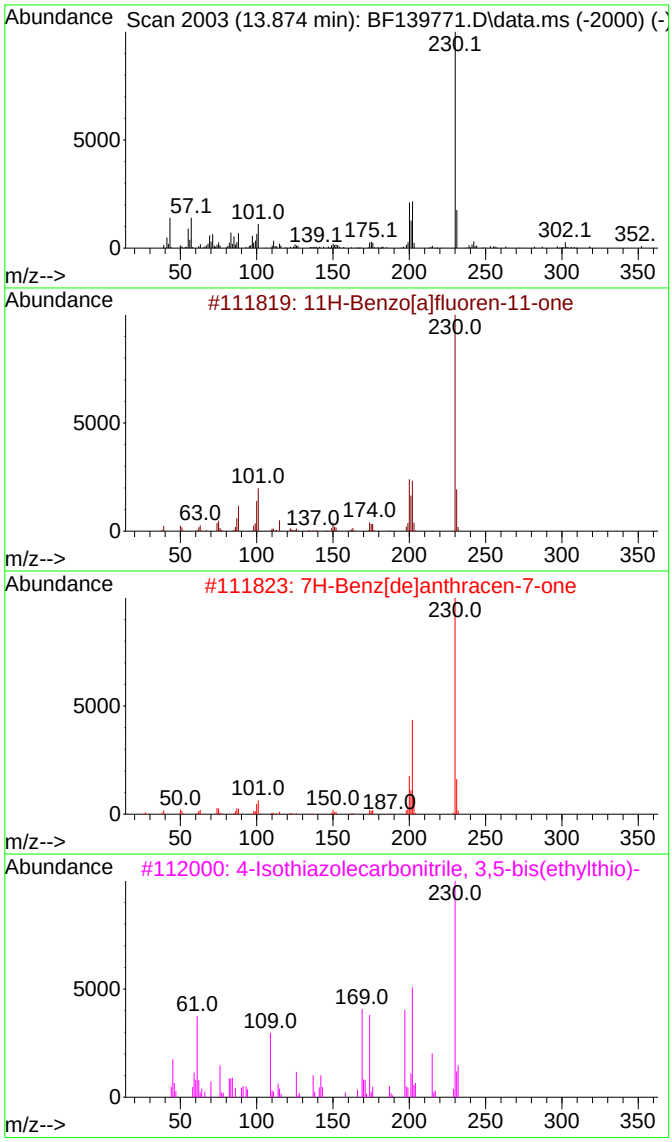
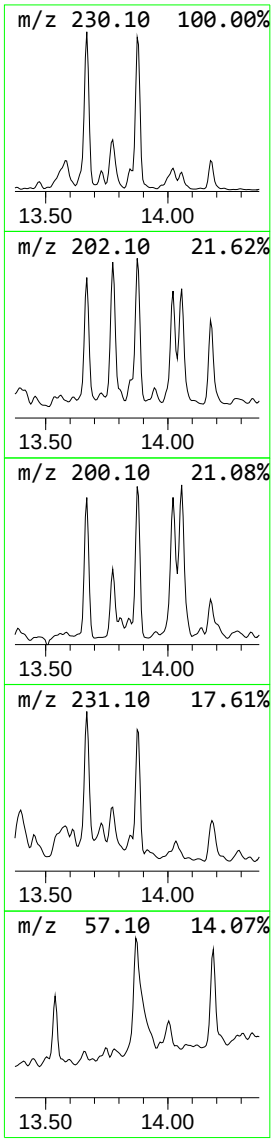
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	2.99 ng	165023	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05-0.167-0.667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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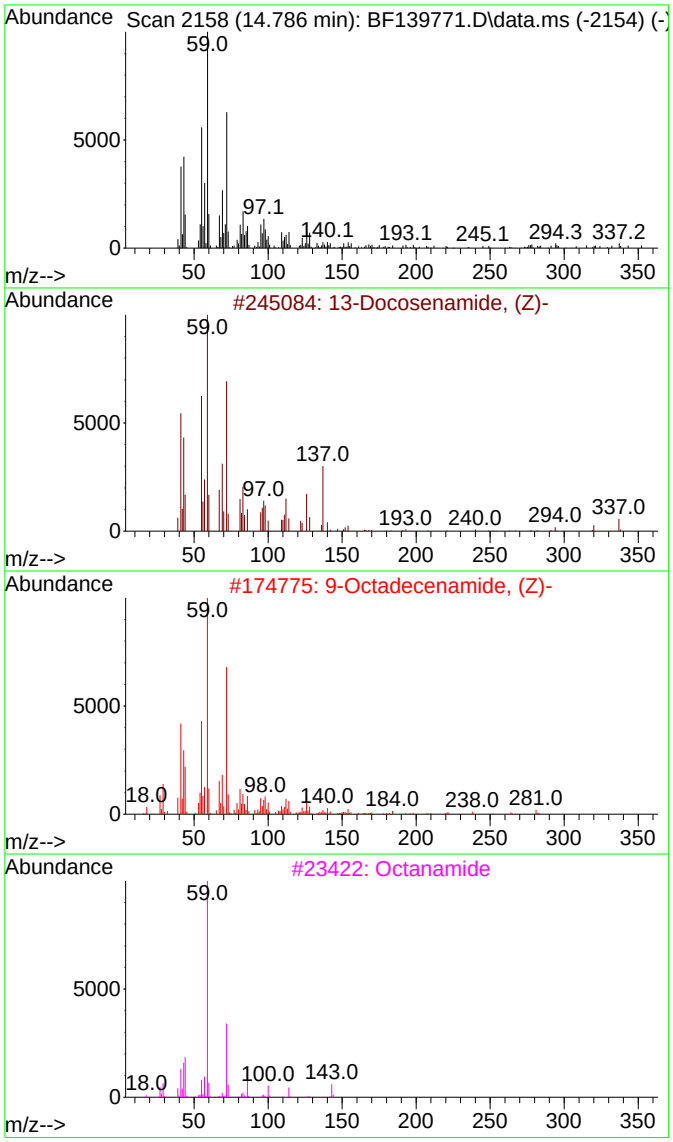
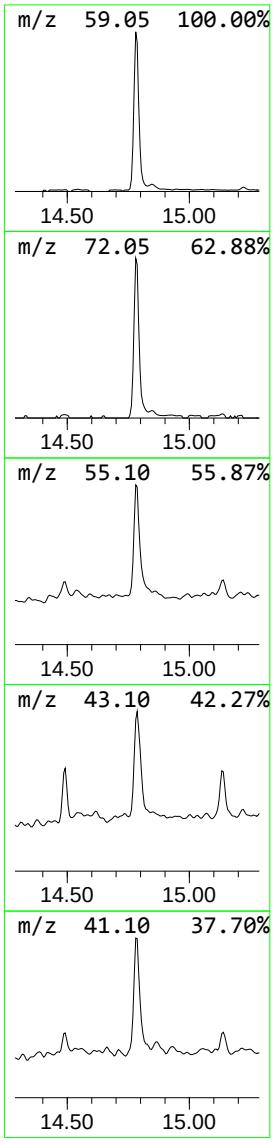
Peak Number 15 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	7.23 ng	189209	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Octanamide	143	C8H17NO	000629-01-6	53
4	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	43
5	2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	38





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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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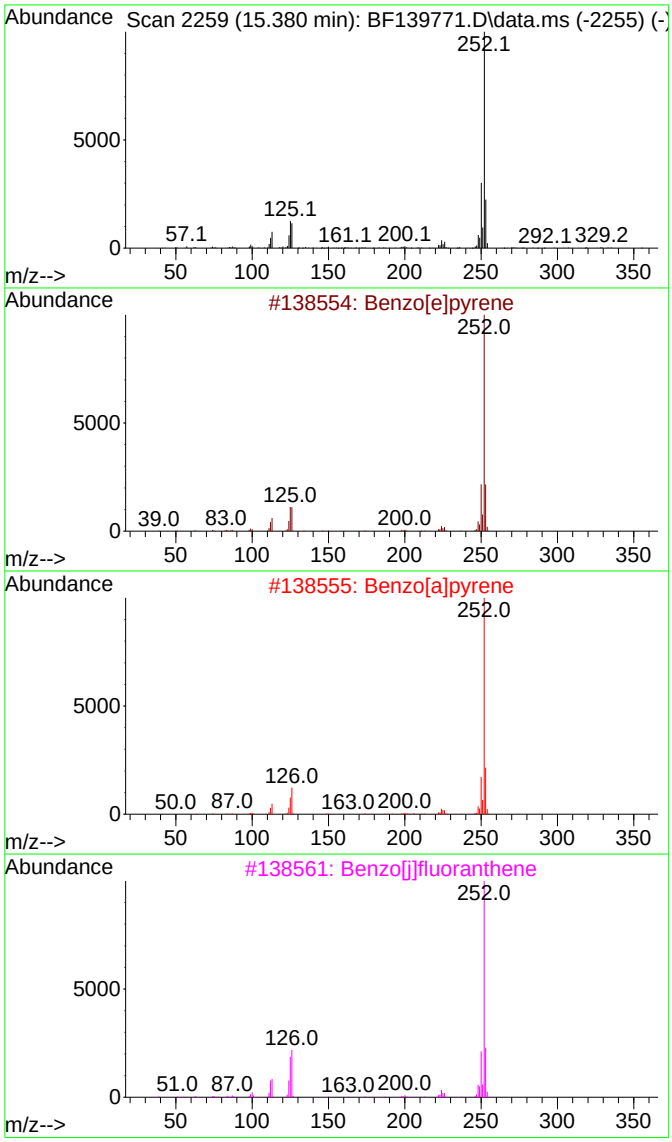
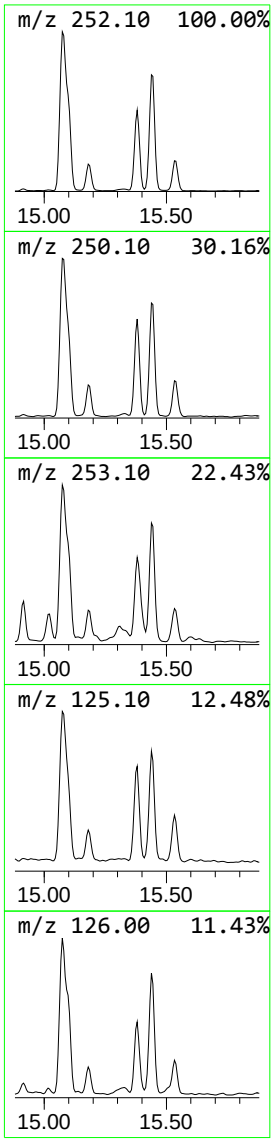
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	8.06 ng	210981	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[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

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Data File : BF139771.D
Acq On : 11 Oct 2024 13:23
Operator : RC/JU
Sample : P4364-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05-0.167-0.667

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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...	2.140	90.0	ng	1922450	1	6.869	427043	20.0
2-Pentanone, 4-...	5.075	4.5	ng	95877	1	6.869	427043	20.0
2-Propanol, 1-(...	8.239	2.2	ng	54056	2	8.145	490958	20.0
Benzophenone	10.610	7.3	ng	162147	3	9.898	446027	20.0
Phenanthrene, 2...	11.916	13.7	ng	302513	4	11.386	440969	20.0
4H-Cyclopenta[d...	12.004	7.3	ng	160937	4	11.386	440969	20.0
5,16[1',2']:8,1...	12.186	2.1	ng	45589	4	11.386	440969	20.0
9,10-Anthracene...	12.210	2.2	ng	48110	4	11.386	440969	20.0
Phenanthrene, 2...	12.439	2.5	ng	56176	4	11.386	440969	20.0
Pyrene, 4,5,9,1...	12.474	2.1	ng	46068	4	11.386	440969	20.0
Cyclopenta(def)...	12.527	2.7	ng	58996	4	11.386	440969	20.0
Pyrene, 1-methyl-	13.051	2.1	ng	113735	5	14.033	1103290	20.0
11H-Benzo[b]flu...	13.157	2.7	ng	149723	5	14.033	1103290	20.0
11H-Benzo[a]flu...	13.874	3.0	ng	165023	5	14.033	1103290	20.0
13-Docosenamide...	14.786	7.2	ng	189209	6	15.504	523203	20.0
Benzo[e]pyrene	15.380	8.1	ng	210981	6	15.504	523203	20.0