LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136264.D
Acq On : 28 Nov 2023 23:13
Operator : CG\JU
Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136264.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	15	rVB	422085	527727	13.76%	1.794%
2	5.057	500	505	513	rVB	88614	115712	3.02%	0.393%
3	5.446	566	571	574	rBV	3899798	3527745	91.99%	11.990%
4	6.357	722	726	729	rBV	65446	53260	1.39%	0.181%
5	6.440	734	740	743	rBV	3399861	3376830	88.05%	11.477%
6	6.804	798	802	805	rBV	1019688	768265	20.03%	2.611%
7	7.363	892	897	900	rBV	2277885	2176481	56.75%	7.398%
8	8.081	1015	1019	1022	rBV	1272069	990726	25.83%	3.367%
9	9.157	1197	1202	1205	rBV	4260670	3835006	100.00%	13.035%
10	9.281	1220	1223	1226	rVB	44920	42280	1.10%	0.144%
11	9.698	1287	1294	1298	rBV	50674	46276	1.21%	0.157%
12	9.839	1311	1318	1321	rBV	1022266	928872	24.22%	3.157%
13	10.628	1448	1452	1455	rBV	1974517	1608280	41.94%	5.466%
14	11.328	1567	1571	1573	rBV	879795	704470	18.37%	2.394%
15	11.351	1573	1575	1579	rVV	454070	329553	8.59%	1.120%
16	11.404	1579	1584	1587	rVV	71010	68066	1.77%	0.231%
17	11.833	1652	1657	1659	rBV	81450	79434	2.07%	0.270%
18	11.863	1659	1662	1667	rVV2	242117	256163	6.68%	0.871%
19	11.945	1672	1676	1678	rVV2	121222	136574	3.56%	0.464%
20	11.963	1678	1679	1683	rVB	59345	48169	1.26%	0.164%
21	12.151	1709	1711	1718	rVB2	53618	55681	1.45%	0.189%
22	12.386	1747	1751	1753	rBV	84485	82846	2.16%	0.282%
23	12.422	1753	1757	1759	rVV	43011	55560	1.45%	0.189%
24	12.469	1762	1765	1770	rBV2	50913	63368	1.65%	0.215%
25	12.545	1774	1778	1782	rBV	892272	717398	18.71%	2.438%
26	12.657	1792	1797	1802	rBV3	52430	94046	2.45%	0.320%
27	12.698	1802	1804	1811	rVV3	37073	48030	1.25%	0.163%
28	12.775	1811	1817	1820	rVV	818773	769995	20.08%	2.617%
29	12.828	1824	1826	1831	rVB2	39218	51255	1.34%	0.174%
30	12.928	1839	1843	1846	rBV	3213596	2637961	68.79%	8.966%
31	12.998	1850	1855	1858	rBV2	64032	92725	2.42%	0.315%
32	13.080	1866	1869	1871	rBV2	50686	61936	1.62%	0.211%
33	13.104	1871	1873	1877	rVB	113436	108525	2.83%	0.369%
34	13.175	1879	1885	1887	rBV2	86020	87843	2.29%	0.299%
35	13.210	1887	1891	1894	rBV	102777	99315	2.59%	0.338%
36	13.304	1904	1907	1909	rVB	62583	52745	1.38%	0.179%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136264.D
Acq On : 28 Nov 2023 23:13
Operator : CG\JU
Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.333	1909	1912	1916	rBV	72570	60315	1.57%	0.205%
38	13.616	1957	1960	1969	rVB2	84702	133542	3.48%	0.454%
39	13.727	1974	1979	1982	rBV2	91115	112756	2.94%	0.383%
40	13.757	1982	1984	1986	rBV	62642	44252	1.15%	0.150%
41	13.822	1993	1995	1997	rBV	58245	47902	1.25%	0.163%
42	13.863	1999	2002	2006	rVV4	42833	77639	2.02%	0.264%
43	13.980	2017	2022	2025	rBV2	950328	1233945	32.18%	4.194%
44	14.004	2025	2026	2033	rVB	403419	362460	9.45%	1.232%
45	14.369	2084	2088	2091	rBV	90435	98067	2.56%	0.333%
46	14.404	2091	2094	2098	rVB2	72717	67014	1.75%	0.228%
47	14.463	2102	2104	2107	rVV2	64995	67568	1.76%	0.230%
48	14.516	2111	2113	2117	rVB3	54591	56170	1.46%	0.191%
49	15.027	2195	2200	2203	rBV	364141	564186	14.71%	1.918%
50	15.133	2215	2218	2230	rVB3	130216	236023	6.15%	0.802%
51	15.333	2248	2252	2258	rBV	192059	269287	7.02%	0.915%
52	15.398	2259	2263	2269	rVB	250738	300025	7.82%	1.020%
53	15.463	2270	2274	2278	rBV	460598	585030	15.25%	1.988%
54	15.980	2360	2362	2367	rVB3	41695	53693	1.40%	0.182%
55	16.963	2523	2529	2539	rVB3	86247	193607	5.05%	0.658%
56	17.410	2600	2605	2617	rVB	65192	158951	4.14%	0.540%

Sum of corrected areas: 29421550

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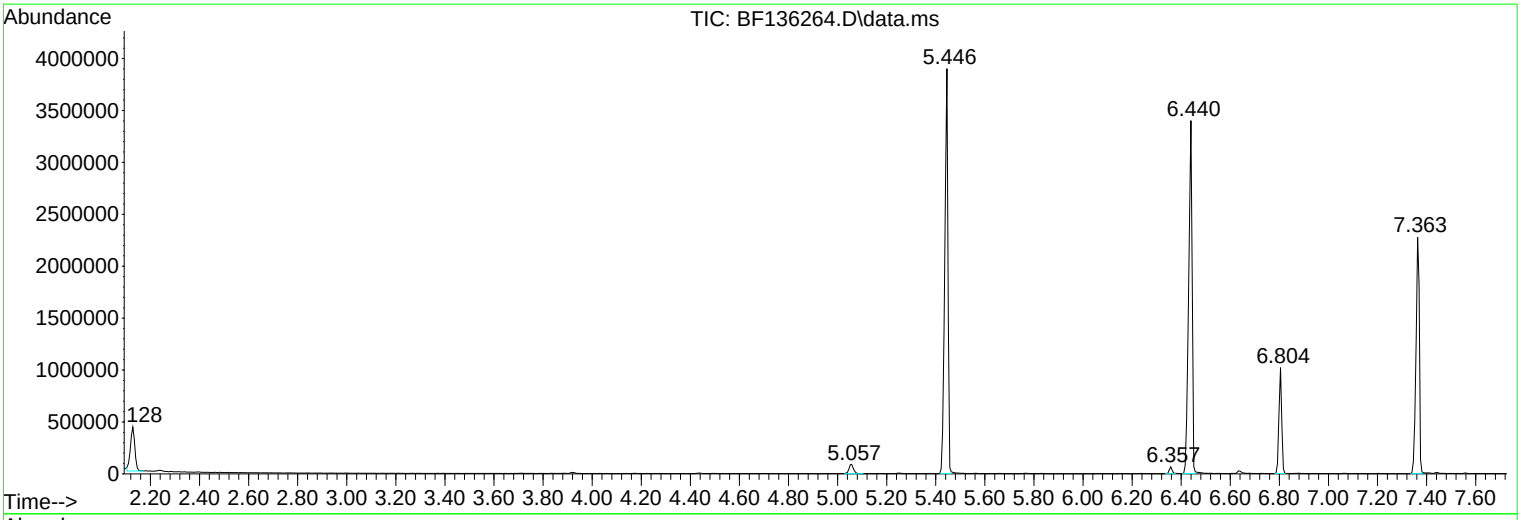
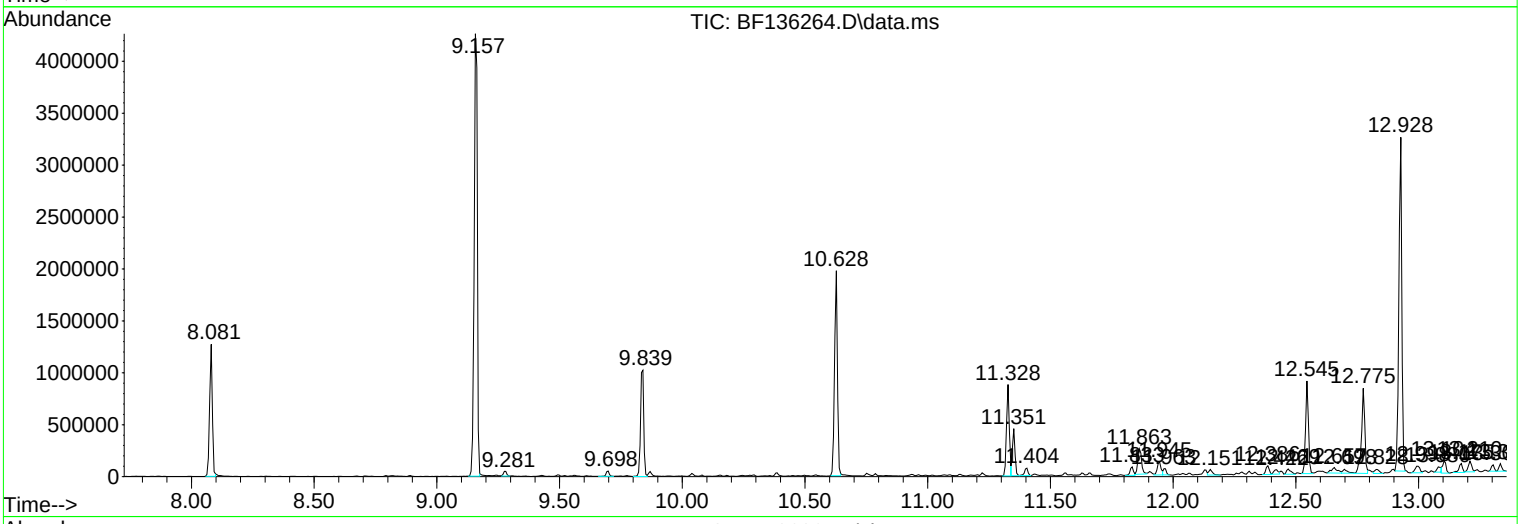
Misc :
ALS Vial : 15 Sample Multiplier: 1

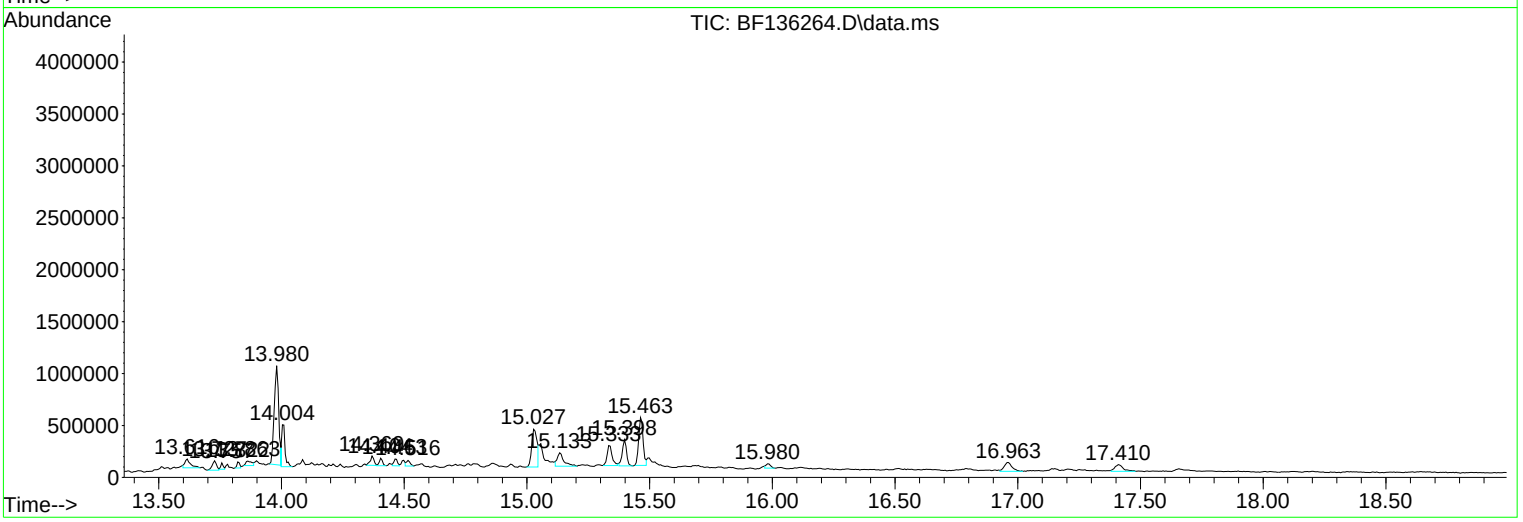
Instrument :
BNA_F
ClientSampleId :
TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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\BF112823\
Data File : BF136264.D
Acq On : 28 Nov 2023 23:13
Operator : CG\JU
Sample : 05517-04
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

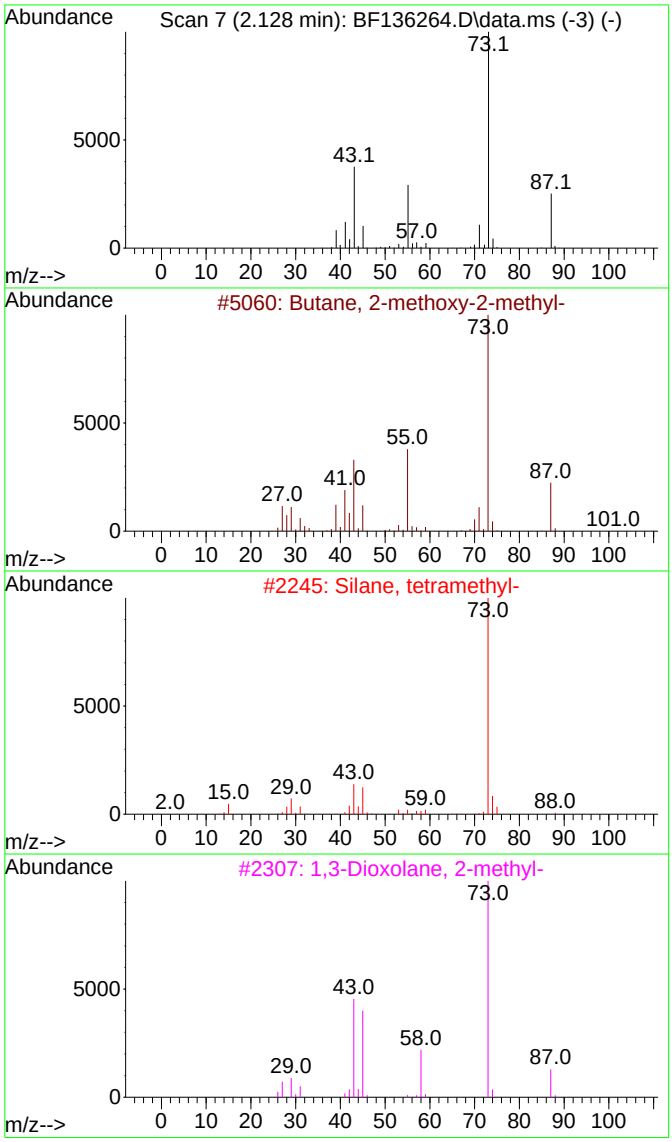
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

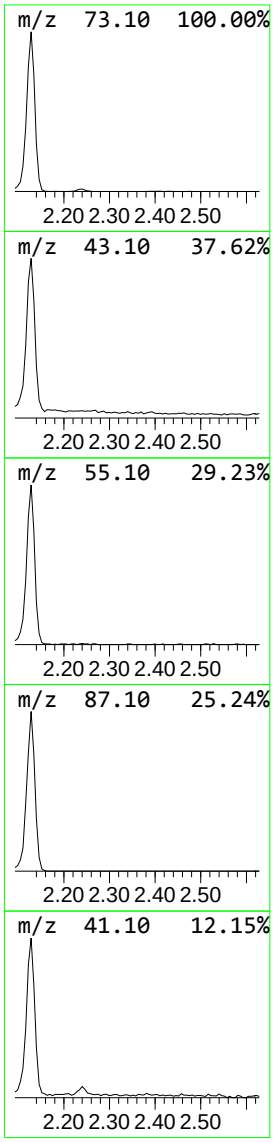
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	13.74 ng	527727	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136264.D
Acq On : 28 Nov 2023 23:13
Operator : CG\JU
Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

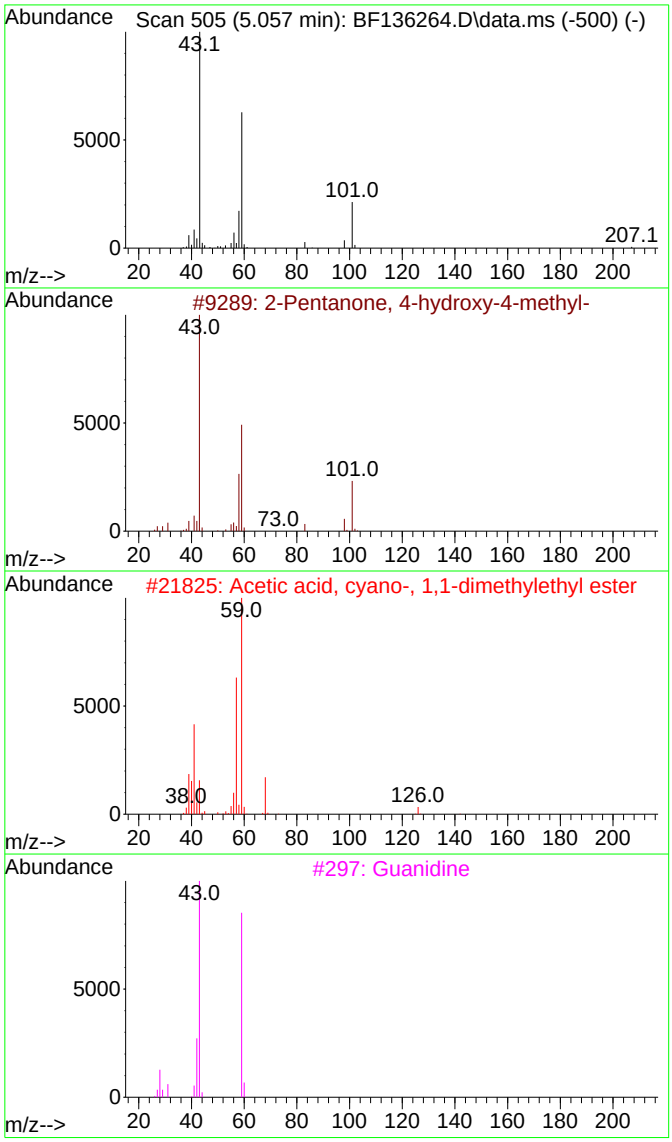
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

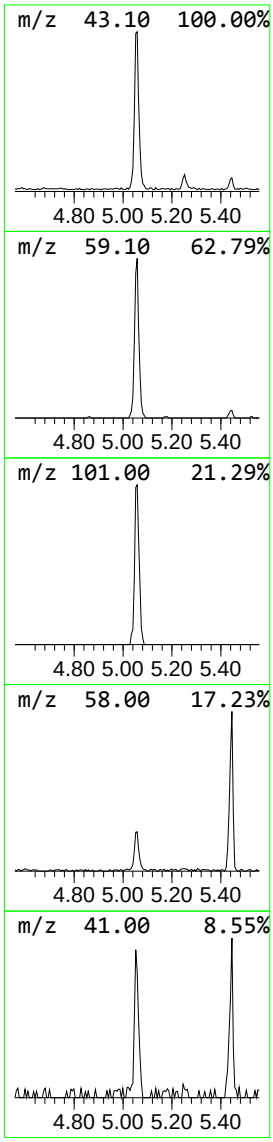
****

Peak Number 2 unknown5.057 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	3.01 ng	115712	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Guanidine	59	CH5N3	000113-00-8	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136264.D
Acq On : 28 Nov 2023 23:13
Operator : CG\JU
Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

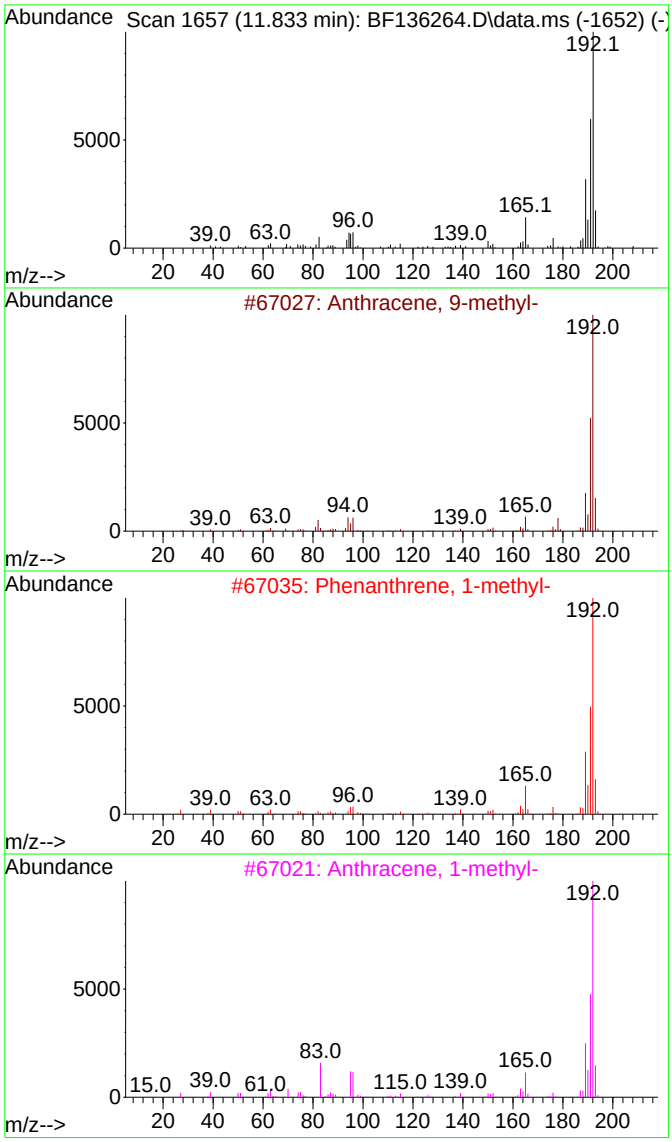
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

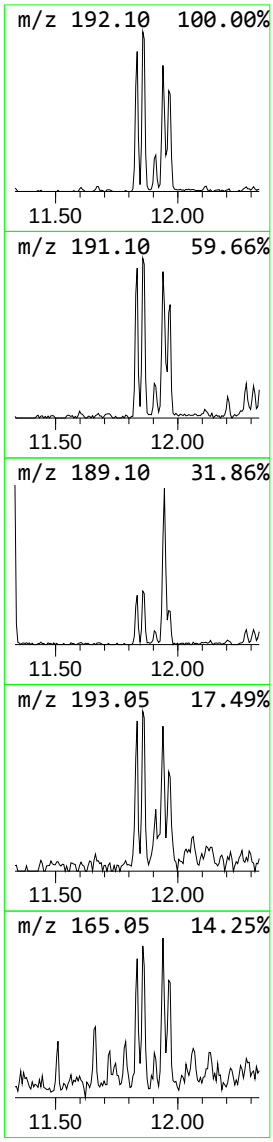
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.834	2.26 ng	79434	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

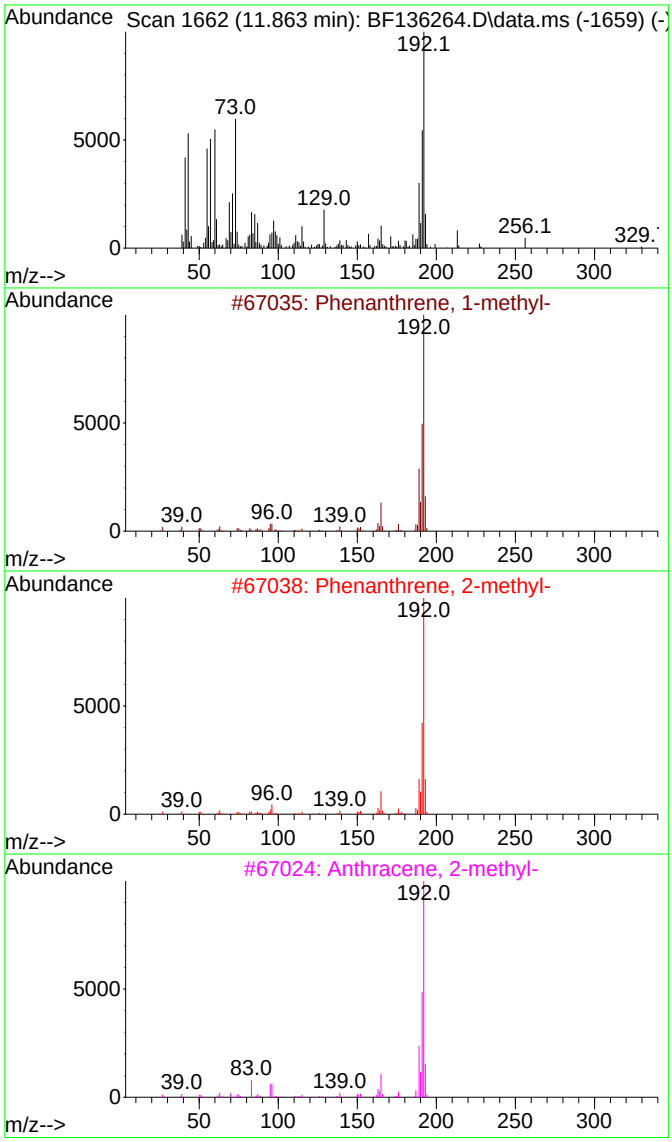
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

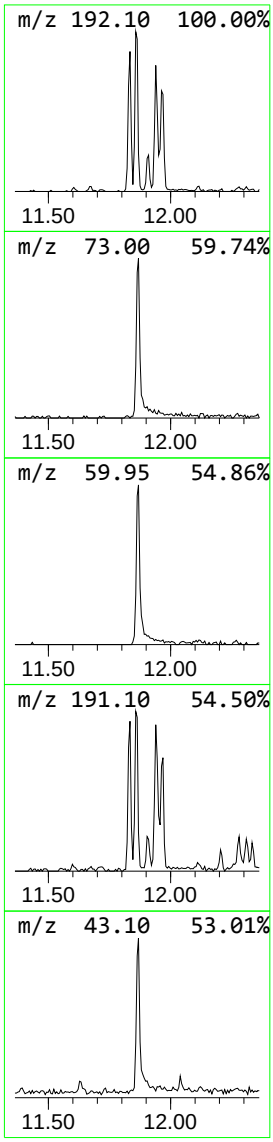
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	7.27 ng	256163	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92





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Data File : BF136264.D
Acq On : 28 Nov 2023 23:13
Operator : CG\JU
Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D

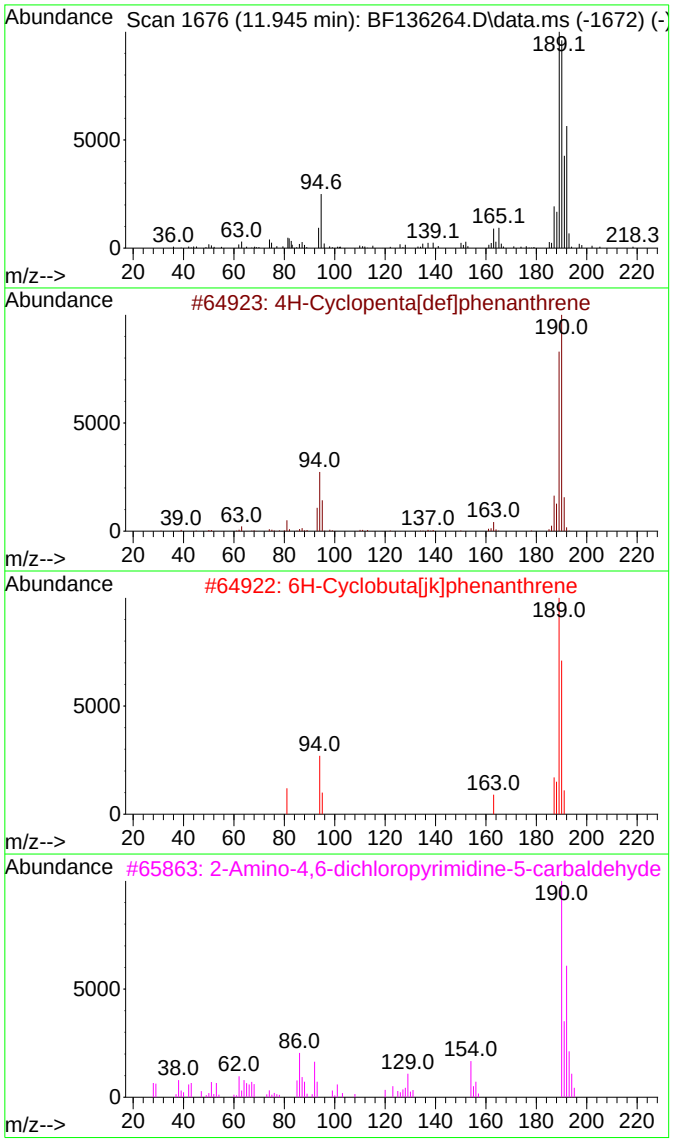
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

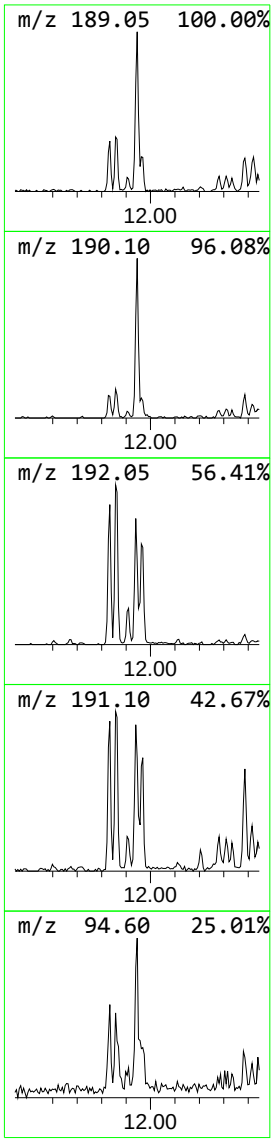
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.88 ng	136574	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5	Methyl diselenide	190	C2H6Se2	007101-31-7	27





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Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

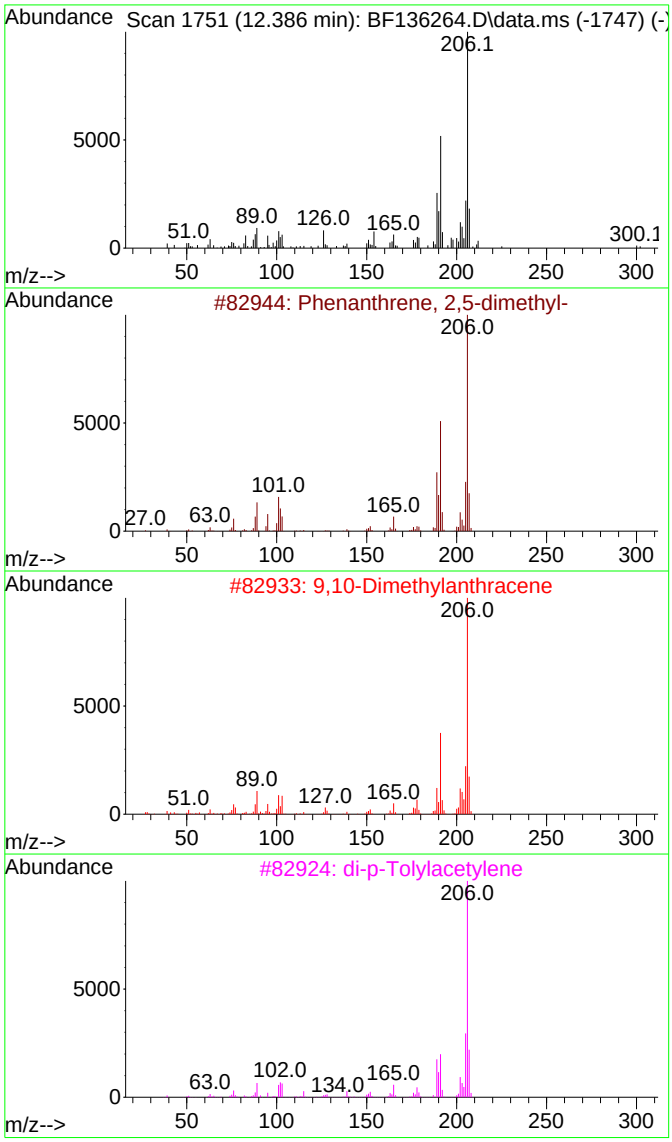
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

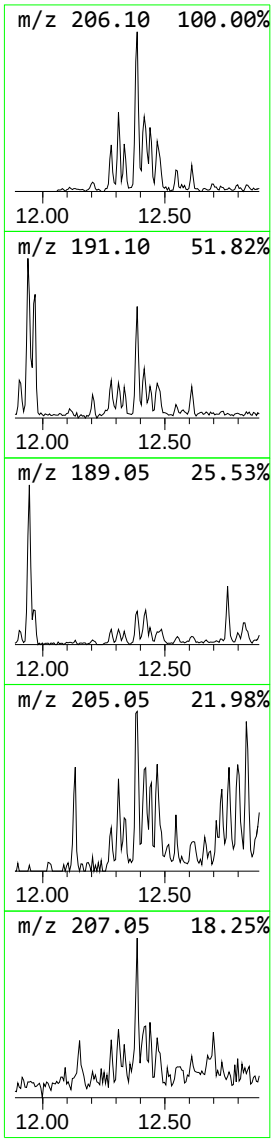
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	2.35 ng	82846	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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Operator : CG\JU
Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

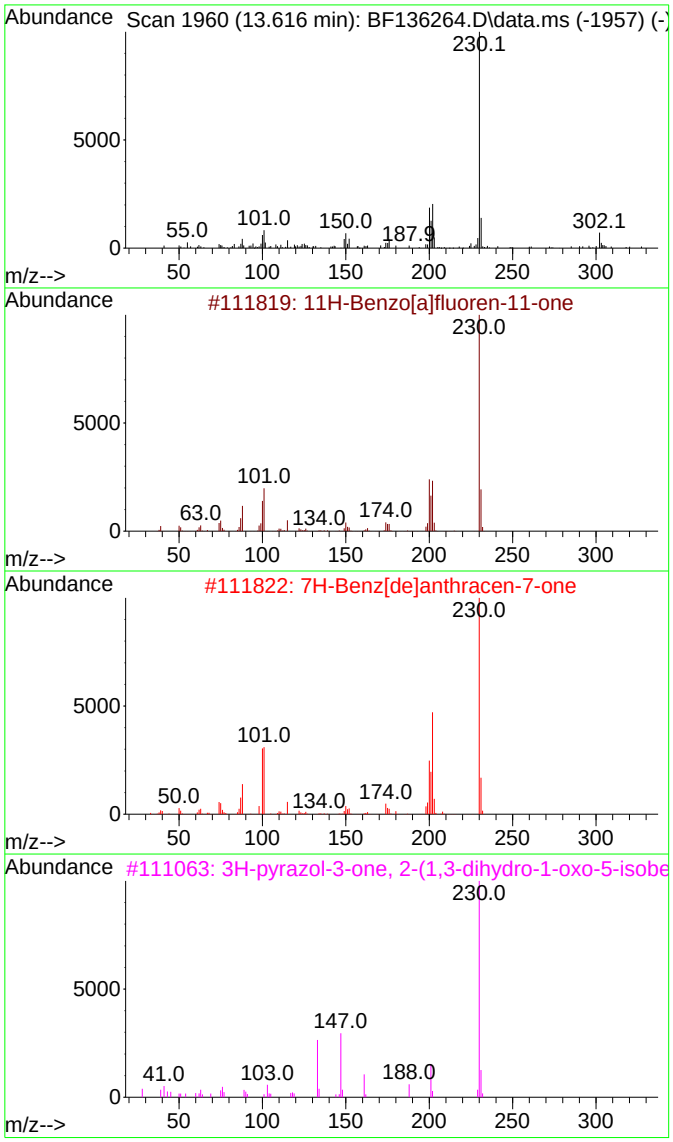
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

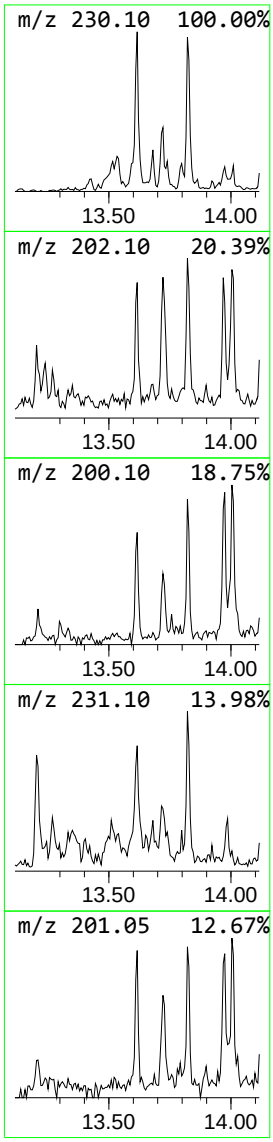
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	2.16 ng	133542	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	3H-pyrazol-3-one, 2-(1,3-dihydro...	230	C12H10N2O3	1000396-36-9	53
4	Benzo(a)phenazine	230	C16H10N2	000225-61-6	47
5	o-Terphenyl	230	C18H14	000084-15-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136264.D
Acq On : 28 Nov 2023 23:13
Operator : CG\JU
Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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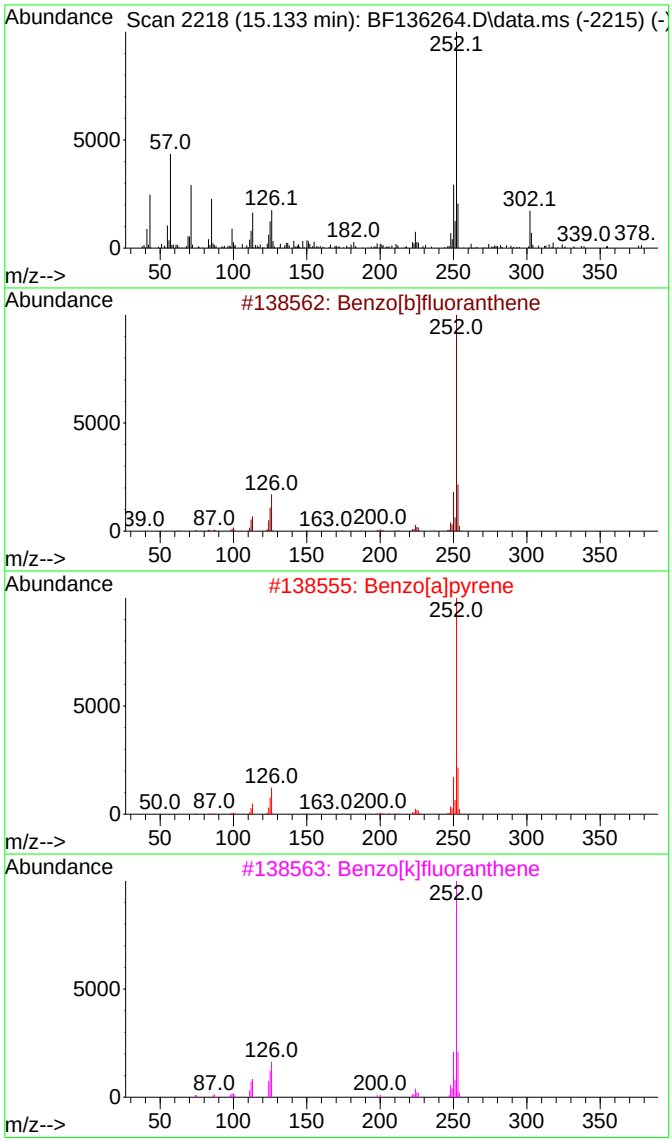
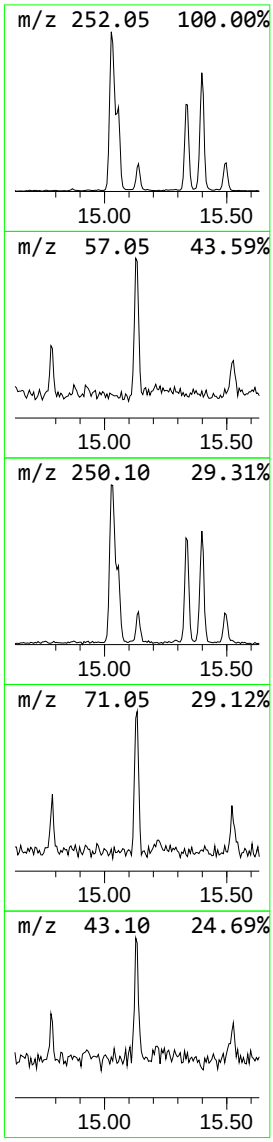
Peak Number 8 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	8.07 ng	236023	Perylene-d12	15.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[e]pyrene	252	C20H12	000192-97-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136264.D
Acq On : 28 Nov 2023 23:13
Operator : CG\JU
Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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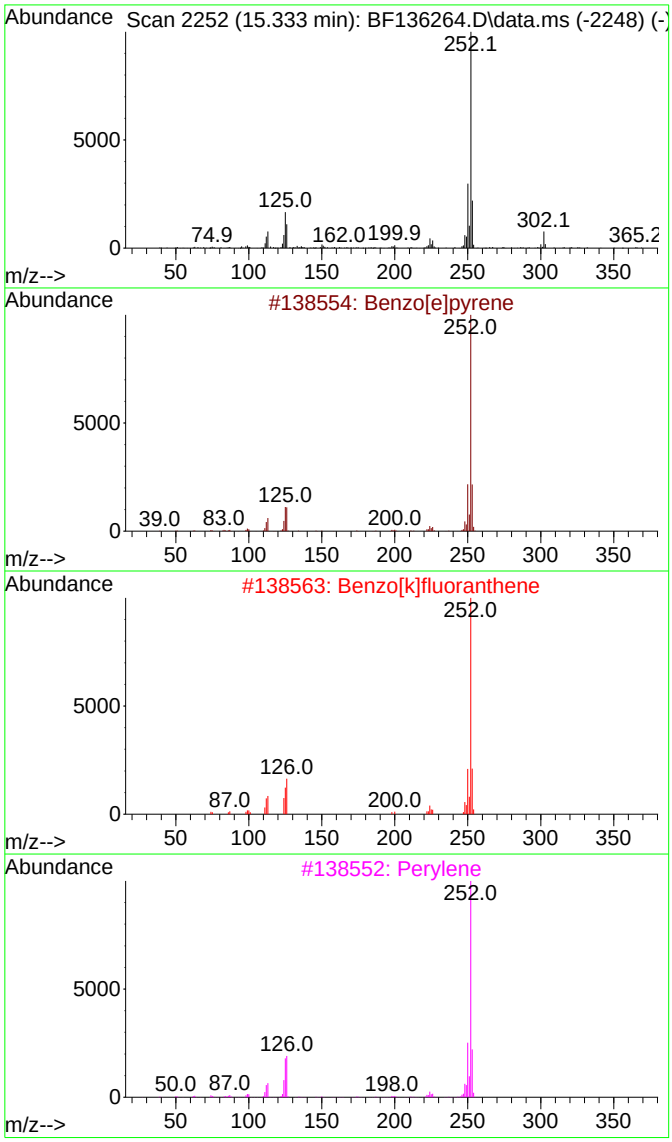
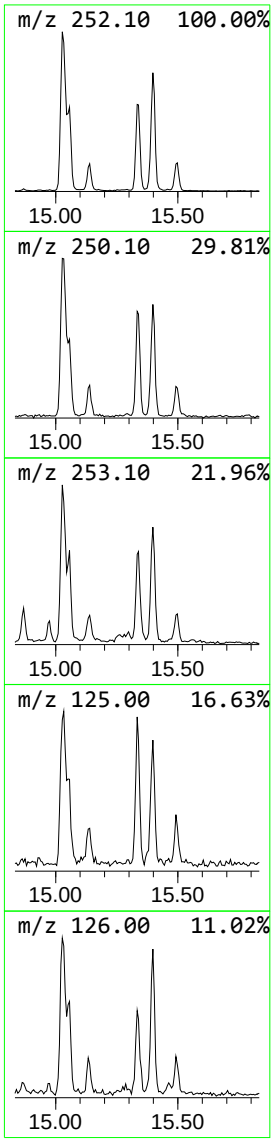
Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	9.21 ng	269287	Perylene-d12	15.463

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136264.D
Acq On : 28 Nov 2023 23:13
Operator : CG\JU
Sample : 05517-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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...	2.128	13.7	ng	527727	1	6.804	768265	20.0
unknown5.057	5.057	3.0	ng	115712	1	6.804	768265	20.0
Anthracene, 9-m...	11.834	2.3	ng	79434	4	11.328	704470	20.0
Phenanthrene, 1...	11.863	7.3	ng	256163	4	11.328	704470	20.0
4H-Cyclopenta[d...	11.945	3.9	ng	136574	4	11.328	704470	20.0
Phenanthrene, 2...	12.386	2.4	ng	82846	4	11.328	704470	20.0
11H-Benzo[a]flu...	13.616	2.2	ng	133542	5	13.980	1233950	20.0
Perylene	15.133	8.1	ng	236023	6	15.463	585030	20.0
Benzo[e]pyrene	15.333	9.2	ng	269287	6	15.463	585030	20.0