LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135375.D
Acq On : 21 Sep 2023 12:27
Operator : CG\JU
Sample : 04394-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-08

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135375.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	557	561	583	rBV	2550457	2727170	100.00%	11.531%
2	6.398	729	733	751	rBV	2453350	2711532	99.43%	11.465%
3	6.757	790	794	805	rVB	1061213	843991	30.95%	3.569%
4	7.322	885	890	893	rBV	1877054	1697752	62.25%	7.178%
5	8.034	1007	1011	1017	rBV	1218801	1073504	39.36%	4.539%
6	9.116	1190	1195	1198	rBV	2808107	2566535	94.11%	10.852%
7	9.234	1211	1215	1224	rVB	36657	45021	1.65%	0.190%
8	9.651	1283	1286	1291	rBV	92927	82096	3.01%	0.347%
9	9.792	1306	1310	1314	rBV	1276751	1039992	38.13%	4.397%
10	10.586	1441	1445	1462	rVB	1391595	1346301	49.37%	5.692%
11	11.286	1560	1564	1566	rBV	987542	910518	33.39%	3.850%
12	11.310	1566	1568	1571	rVV	136886	114528	4.20%	0.484%
13	11.363	1571	1577	1580	rVB	94720	94269	3.46%	0.399%
14	11.792	1646	1650	1652	rBV	35612	36635	1.34%	0.155%
15	11.822	1652	1655	1660	rBV	152715	170617	6.26%	0.721%
16	11.904	1665	1669	1671	rVV	129890	138136	5.07%	0.584%
17	11.922	1671	1672	1679	rVB	39194	31927	1.17%	0.135%
18	12.086	1697	1700	1705	rVB	39284	32461	1.19%	0.137%
19	12.339	1741	1743	1746	rBV	31593	29980	1.10%	0.127%
20	12.433	1755	1759	1767	rVB6	16971	28686	1.05%	0.121%
21	12.504	1767	1771	1775	rBV	889328	754650	27.67%	3.191%
22	12.604	1784	1788	1794	rBV	60793	79161	2.90%	0.335%
23	12.733	1803	1810	1816	rBV	699376	709148	26.00%	2.998%
24	12.786	1816	1819	1824	rVB3	34913	38499	1.41%	0.163%
25	12.880	1831	1835	1838	rBV	1906078	1587916	58.23%	6.714%
26	12.957	1843	1848	1852	rBV3	33744	56585	2.07%	0.239%
27	13.039	1859	1862	1864	rBV3	32929	41550	1.52%	0.176%
28	13.069	1864	1867	1870	rVV	118100	112226	4.12%	0.475%
29	13.133	1871	1878	1881	rBV	155195	143744	5.27%	0.608%
30	13.169	1881	1884	1891	rVB2	56198	69676	2.55%	0.295%
31	13.292	1903	1905	1912	rBV	30284	34172	1.25%	0.144%
32	13.369	1912	1918	1925	rBV	351311	377020	13.82%	1.594%
33	13.457	1929	1933	1937	rBV6	16750	31452	1.15%	0.133%
34	13.692	1968	1973	1975	rBV	43479	48226	1.77%	0.204%
35	13.716	1975	1977	1979	rVV	59164	52374	1.92%	0.221%
36	13.739	1979	1981	1983	rVV	56479	52119	1.91%	0.220%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135375.D
Acq On : 21 Sep 2023 12:27
Operator : CG\JU
Sample : 04394-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-08

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.792	1987	1990	1993	rVB	35500	35449	1.30%	0.150%
38	13.939	2006	2015	2018	rBV2	977560	1281531	46.99%	5.419%
39	13.969	2018	2020	2028	rVB	337586	309248	11.34%	1.308%
40	14.098	2039	2042	2047	rBV3	28576	49508	1.82%	0.209%
41	14.157	2047	2052	2054	rBV2	17177	30140	1.11%	0.127%
42	14.333	2080	2082	2085	rVB	51117	41437	1.52%	0.175%
43	14.427	2092	2098	2100	rBV2	49498	83620	3.07%	0.354%
44	14.480	2105	2107	2109	rVB2	51562	41473	1.52%	0.175%
45	14.980	2188	2192	2195	rBV	272698	382918	14.04%	1.619%
46	15.092	2208	2211	2215	rVB	68414	74308	2.72%	0.314%
47	15.280	2240	2243	2249	rVB	144749	187935	6.89%	0.795%
48	15.345	2250	2254	2259	rVB	239561	289058	10.60%	1.222%
49	15.410	2260	2265	2268	rBV	577398	709799	26.03%	3.001%
50	16.886	2511	2516	2523	rVB2	70735	138084	5.06%	0.584%
51	17.333	2587	2592	2600	rVB	41692	86157	3.16%	0.364%

Sum of corrected areas: 23650834

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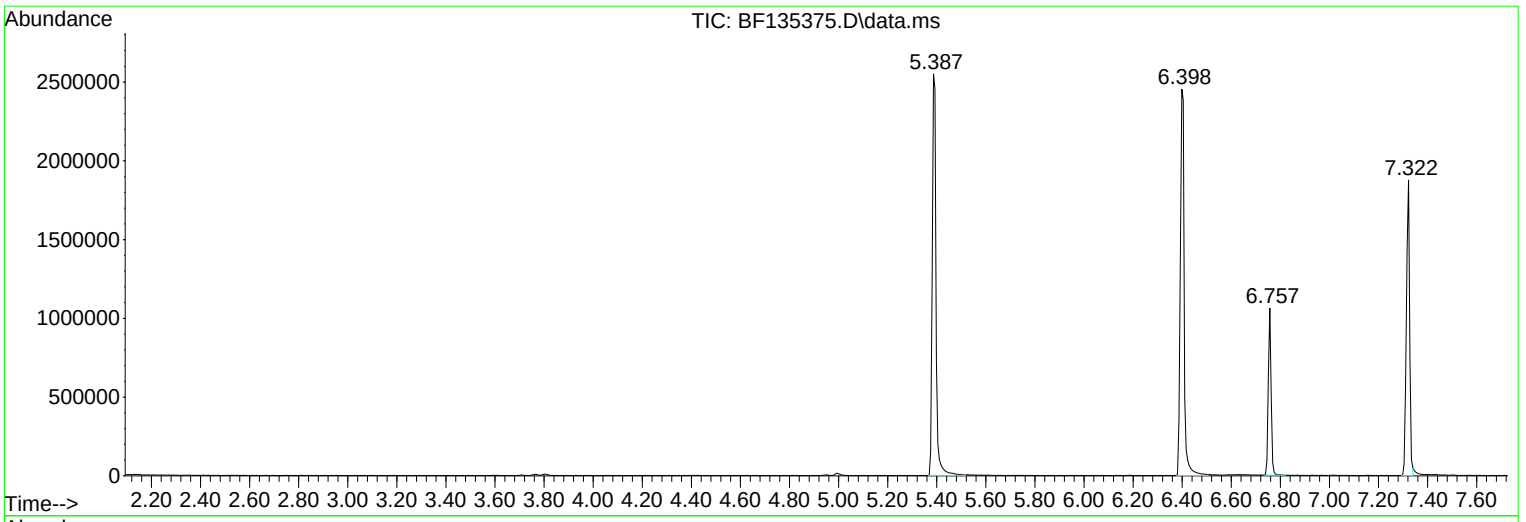
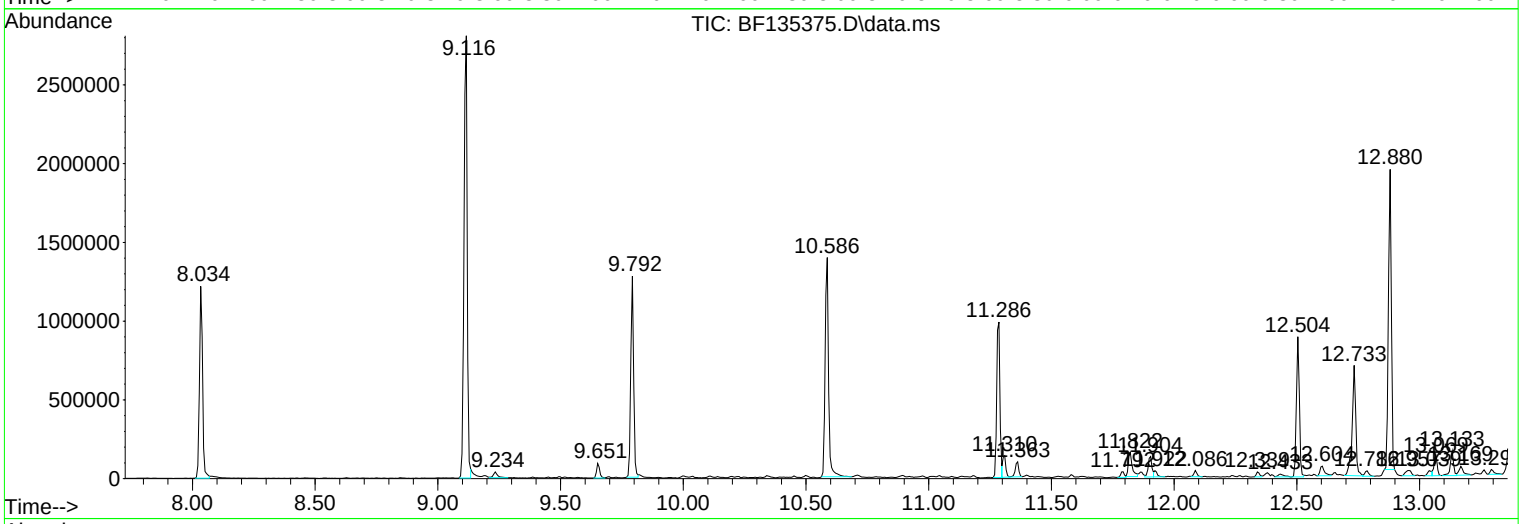
Misc :
ALS Vial : 7 Sample Multiplier: 1

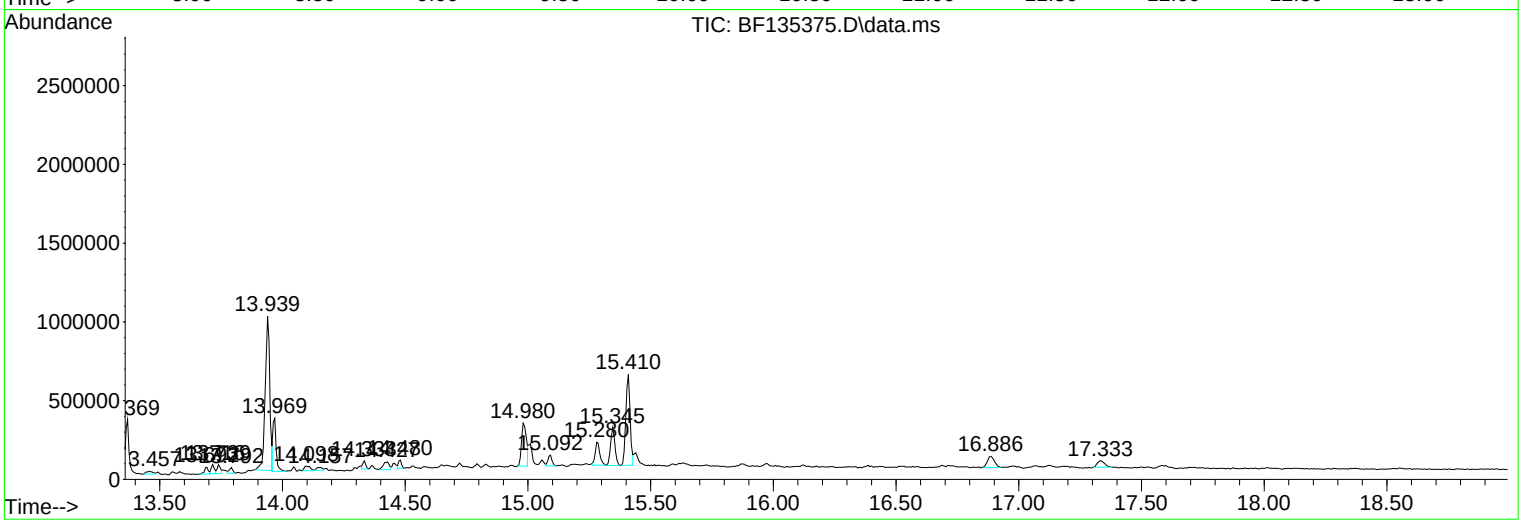
Instrument :
BNA_F
ClientSampleId :
B103-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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\BF092123\
Data File : BF135375.D
Acq On : 21 Sep 2023 12:27
Operator : CG\JU
Sample : 04394-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

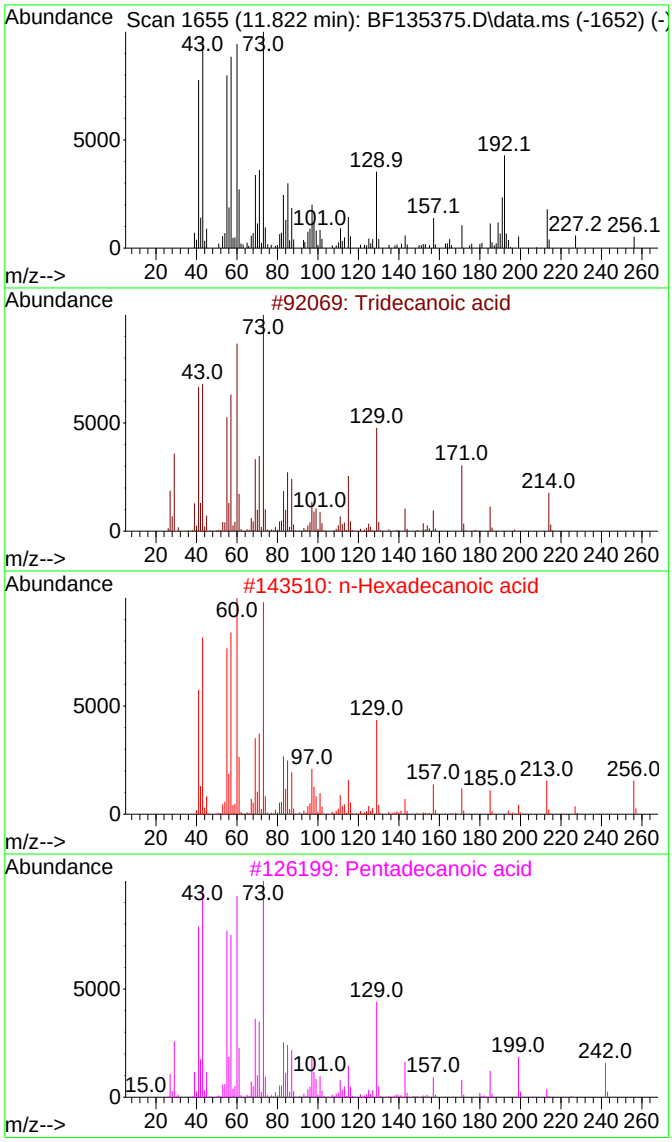
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

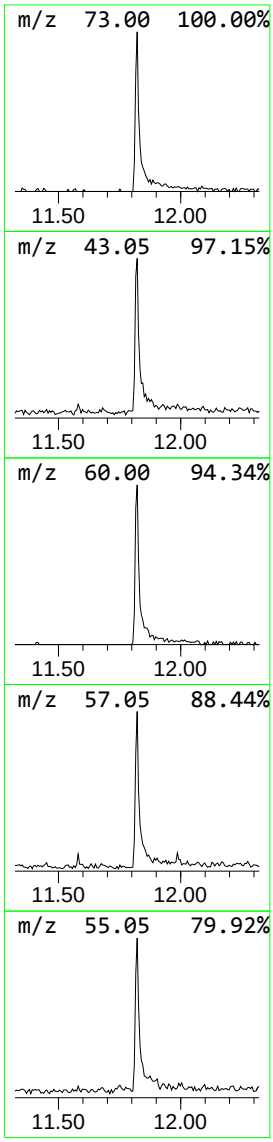
****

Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	3.75 ng	170617	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135375.D
Acq On : 21 Sep 2023 12:27
Operator : CG\JU
Sample : 04394-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-08

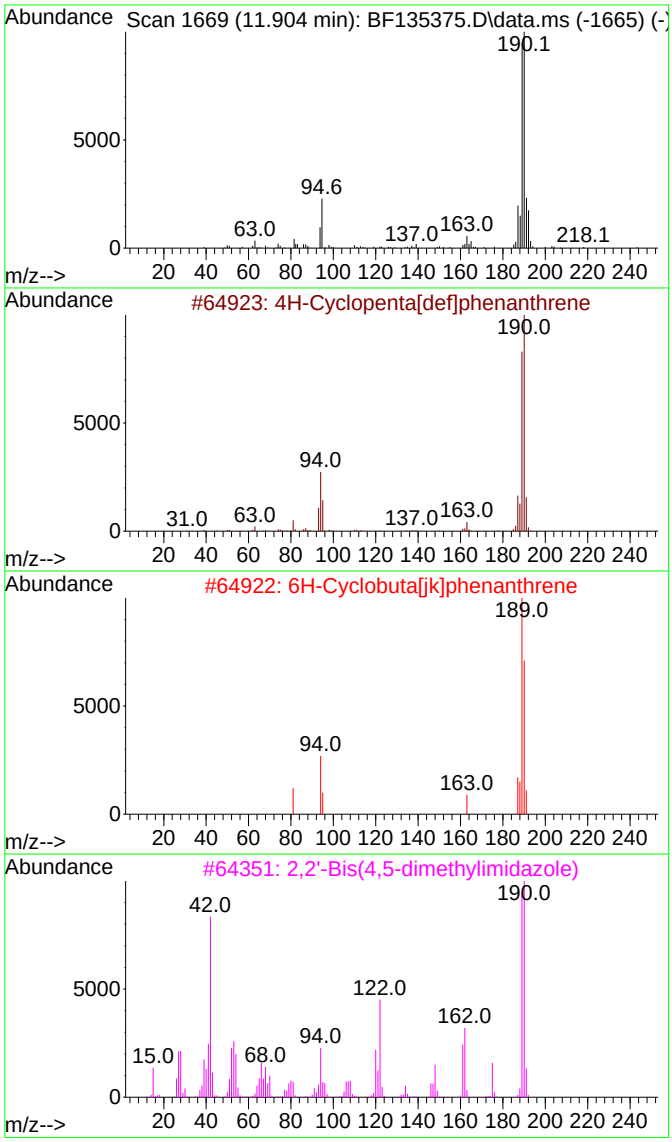
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

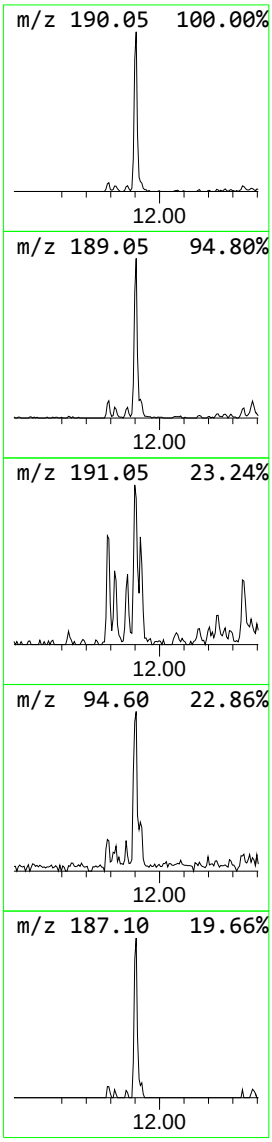
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	3.03 ng	138136	Phenanthrene-d10	11.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135375.D
Acq On : 21 Sep 2023 12:27
Operator : CG\JU
Sample : 04394-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B103-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

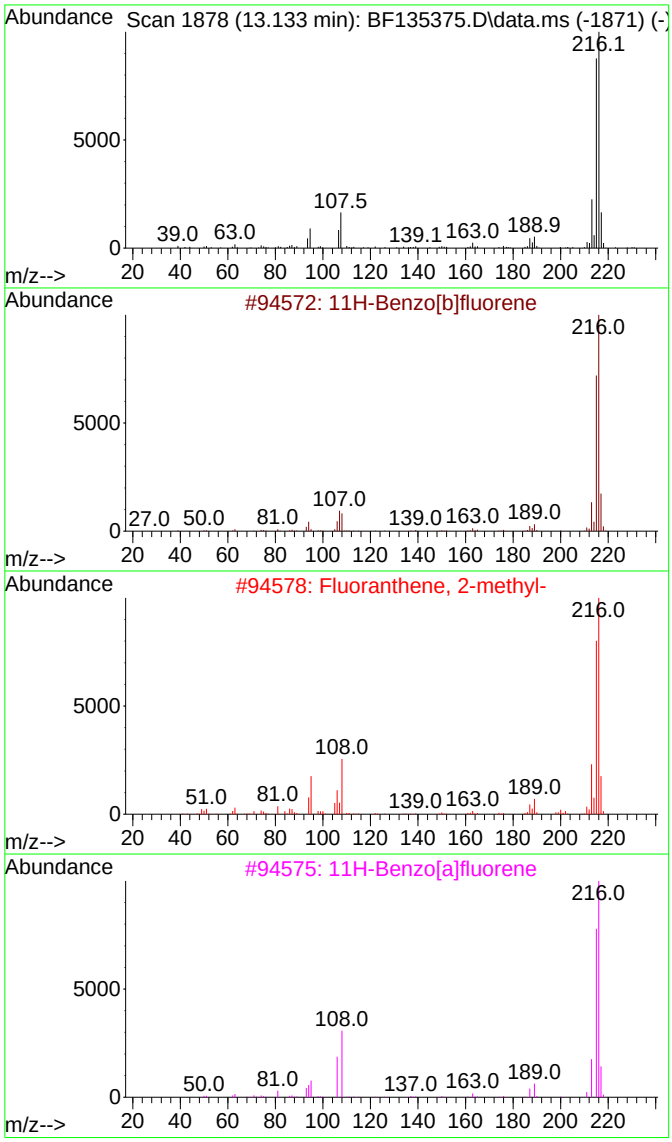
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

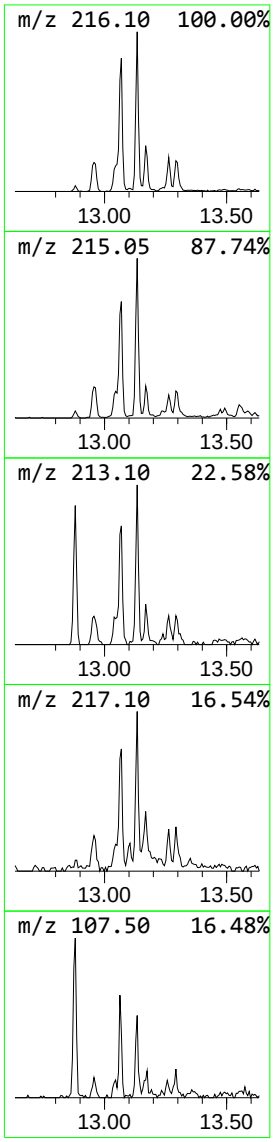
****

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	2.24 ng	143744	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135375.D
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Sample : 04394-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

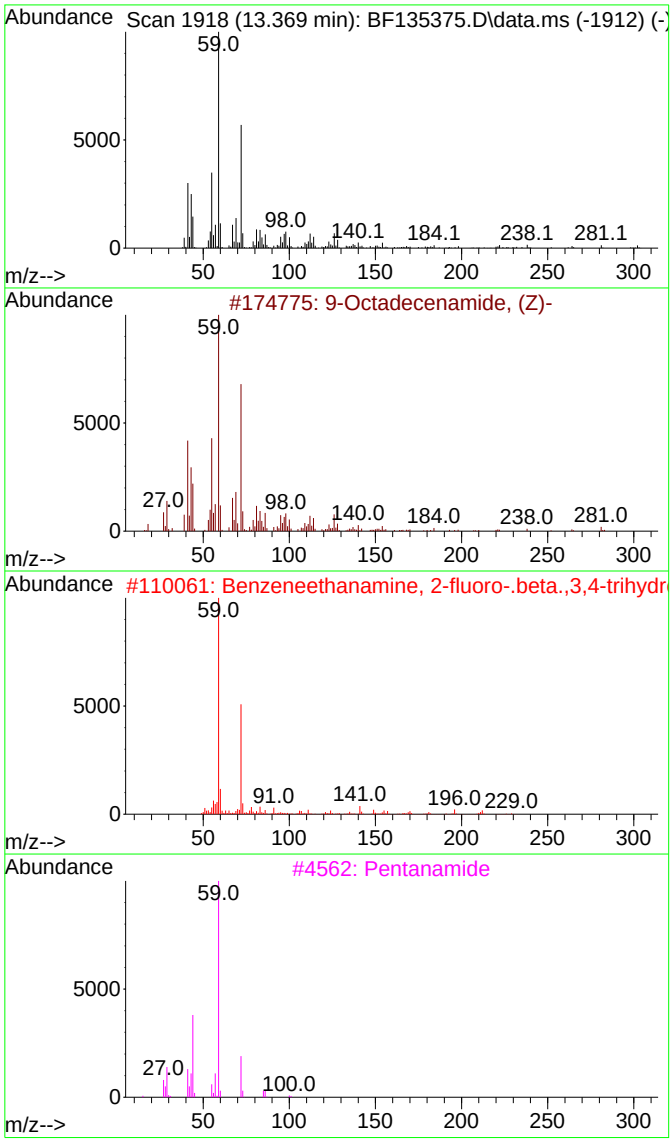
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

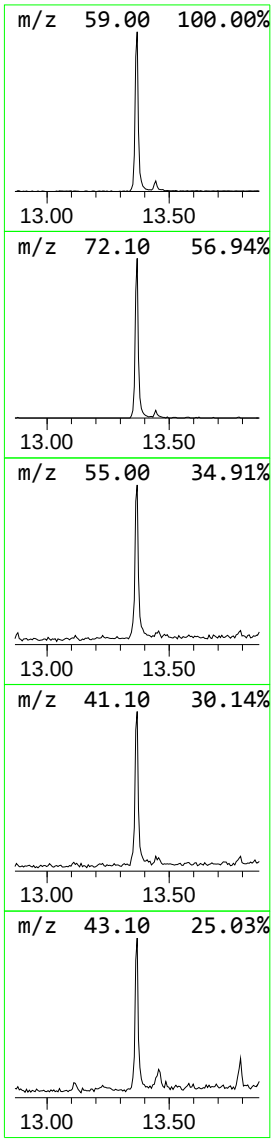
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.369	5.88 ng	377020	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	72
3	Pentanamide	101	C5H11NO	000626-97-1	64
4	Nonanamide	157	C9H19NO	001120-07-6	59
5	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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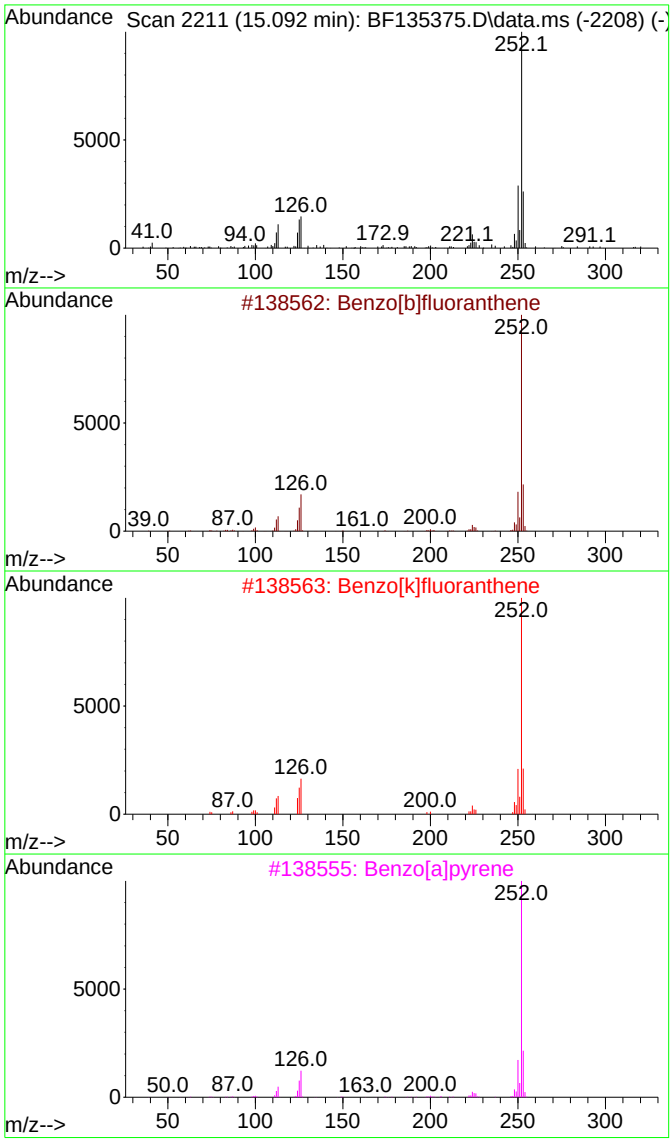
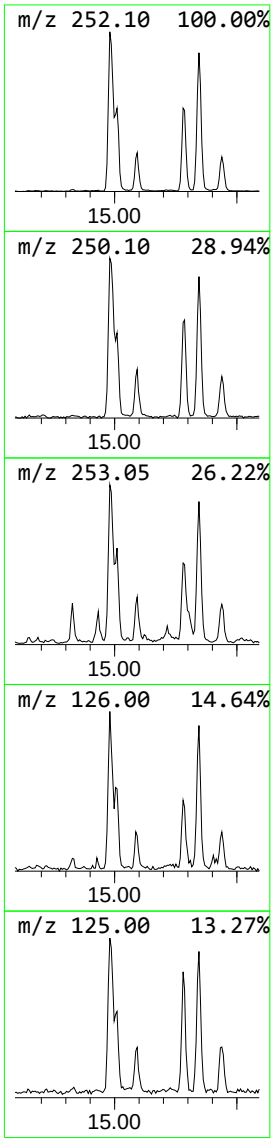
Peak Number 5 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	2.09 ng	74308	Perylene-d12	15.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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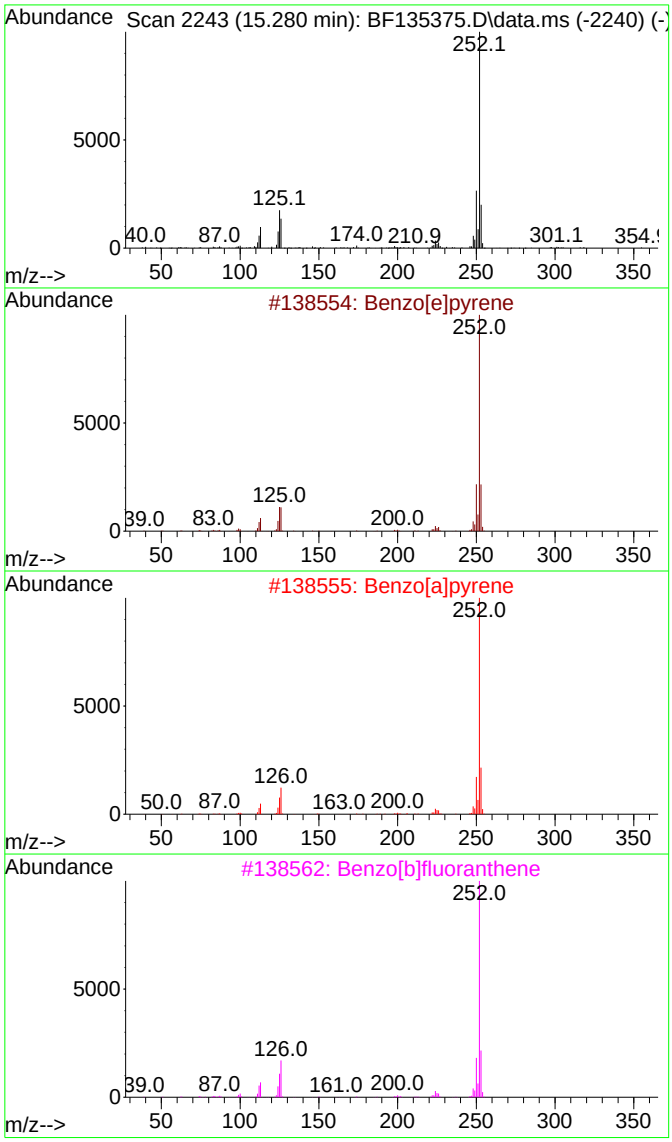
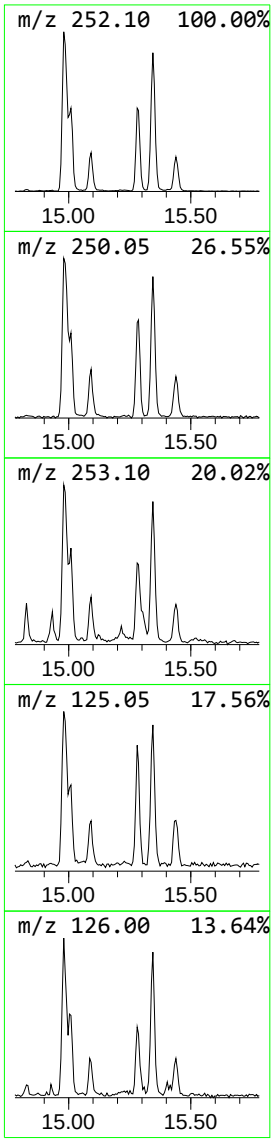
Peak Number 6 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	5.30 ng	187935	Perylene-d12	15.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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
Tridecanoic acid	11.822	3.8	ng	170617	4	11.286	910518	20.0
4H-Cyclopenta[d...	11.904	3.0	ng	138136	4	11.286	910518	20.0
11H-Benzo[b]flu...	13.133	2.2	ng	143744	5	13.939	1281530	20.0
9-Octadecenamid...	13.369	5.9	ng	377020	5	13.939	1281530	20.0
Benzo[e]pyrene	15.092	2.1	ng	74308	6	15.410	709799	20.0
Perylene	15.280	5.3	ng	187935	6	15.410	709799	20.0