LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
Data File : BF130215.D
Acq On : 12 Sep 2022 20:40
Operator : CG\JU
Sample : N4572-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-124019

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-BF083122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130215.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	435	439	449	rBV	236630	276438	15.02%	1.710%
2	5.287	505	510	513	rBV	1993349	1801209	97.90%	11.141%
3	6.316	680	685	688	rBV	1930620	1724608	93.73%	10.667%
4	6.687	744	748	751	rBV	764630	598551	32.53%	3.702%
5	7.245	839	843	846	rBV	1230936	1133768	61.62%	7.013%
6	7.963	962	965	969	rBV	822651	753188	40.94%	4.659%
7	9.039	1144	1148	1152	rBV	2087916	1839931	100.00%	11.380%
8	9.716	1259	1263	1266	rBV	930380	715839	38.91%	4.428%
9	10.498	1392	1396	1399	rBV	1200055	957708	52.05%	5.924%
10	10.639	1414	1420	1422	rBV2	22892	35404	1.92%	0.219%
11	11.192	1511	1514	1517	rBV	659754	591021	32.12%	3.656%
12	11.216	1517	1518	1522	rVV	110477	79452	4.32%	0.491%
13	11.269	1522	1527	1530	rVB	97676	79085	4.30%	0.489%
14	11.728	1602	1605	1609	rVB2	29653	30067	1.63%	0.186%
15	11.769	1609	1612	1615	rBV	24858	20438	1.11%	0.126%
16	11.804	1615	1618	1621	rBV	37644	38873	2.11%	0.240%
17	12.239	1689	1692	1696	rBV2	19483	21980	1.19%	0.136%
18	12.280	1696	1699	1704	rVB5	14326	22248	1.21%	0.138%
19	12.327	1704	1707	1712	rVB	30715	33600	1.83%	0.208%
20	12.404	1716	1720	1727	rBV	309647	270773	14.72%	1.675%
21	12.551	1738	1745	1750	rBV3	13205	24794	1.35%	0.153%
22	12.627	1753	1758	1761	rBV	322181	341378	18.55%	2.111%
23	12.780	1780	1784	1788	rVB	1454603	1200471	65.25%	7.425%
24	12.851	1791	1796	1800	rBV3	28773	43388	2.36%	0.268%
25	12.945	1807	1812	1813	rBV4	28804	43366	2.36%	0.268%
26	12.957	1813	1814	1817	rVB	59962	40066	2.18%	0.248%
27	13.022	1822	1825	1828	rBV2	59711	57145	3.11%	0.353%
28	13.063	1828	1832	1834	rBV	53532	55625	3.02%	0.344%
29	13.151	1844	1847	1850	rVB	36247	33036	1.80%	0.204%
30	13.186	1850	1853	1855	rBV	29244	31443	1.71%	0.194%
31	13.463	1897	1900	1904	rVB2	22325	28688	1.56%	0.177%
32	13.574	1914	1919	1922	rBV2	30838	42980	2.34%	0.266%
33	13.604	1922	1924	1926	rVV	32620	28071	1.53%	0.174%
34	13.622	1926	1927	1933	rVB2	30171	35922	1.95%	0.222%
35	13.827	1954	1962	1964	rBV2	753205	900466	48.94%	5.570%
36	13.851	1964	1966	1969	rVB	203363	163207	8.87%	1.009%

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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-BF083122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.933	1976	1980	1987	rVB2	81609	90102	4.90%	0.557%
38	14.210	2023	2027	2031	rBV	46129	48010	2.61%	0.297%
39	14.245	2031	2033	2037	rVB2	26427	24276	1.32%	0.150%
40	14.304	2040	2043	2046	rBV2	28098	31712	1.72%	0.196%
41	14.469	2067	2071	2075	rBV3	37344	50047	2.72%	0.310%
42	14.510	2075	2078	2080	rBV3	28508	31350	1.70%	0.194%
43	14.745	2115	2118	2122	rBV6	19640	27504	1.49%	0.170%
44	14.827	2128	2132	2135	rBV	231123	313866	17.06%	1.941%
45	14.927	2146	2149	2153	rVB	54940	56513	3.07%	0.350%
46	15.110	2176	2180	2185	rVB	137994	156596	8.51%	0.969%
47	15.163	2185	2189	2195	rBV	191945	208685	11.34%	1.291%
48	15.227	2195	2200	2203	rBV	605100	737693	40.09%	4.563%
49	15.668	2271	2275	2279	rBV6	16559	29575	1.61%	0.183%
50	16.410	2396	2401	2406	rVB5	14105	28613	1.56%	0.177%
51	16.551	2421	2425	2434	rVB2	64348	126219	6.86%	0.781%
52	16.957	2488	2494	2504	rVB	54152	112605	6.12%	0.696%

Sum of corrected areas: 16167593

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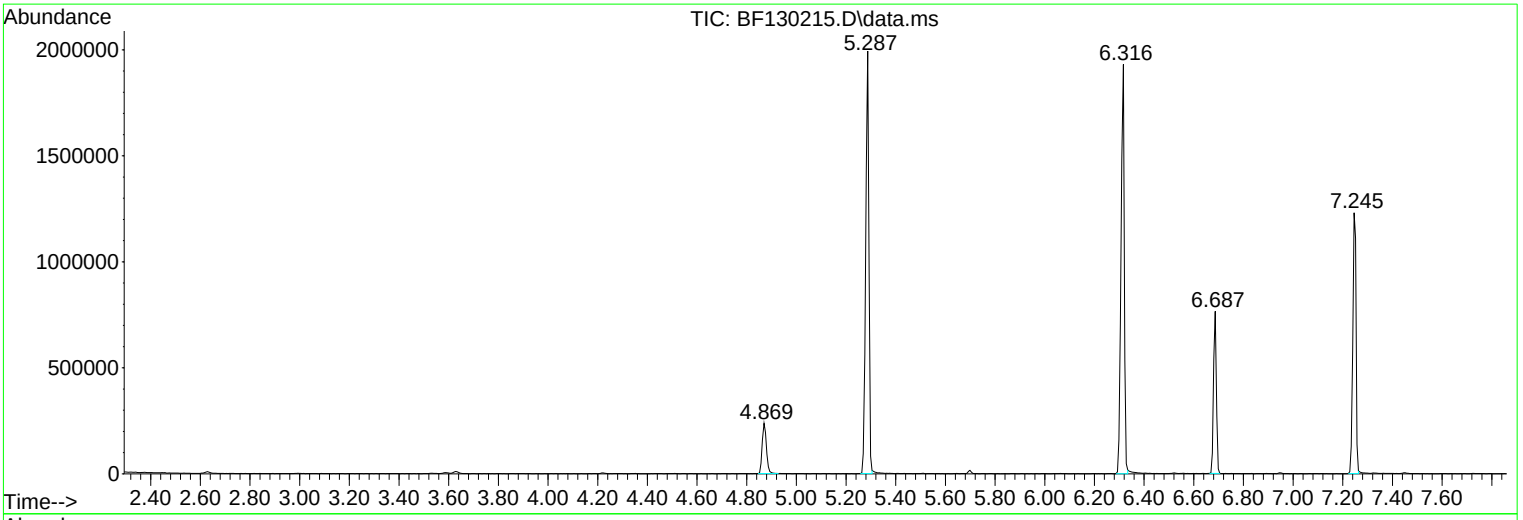
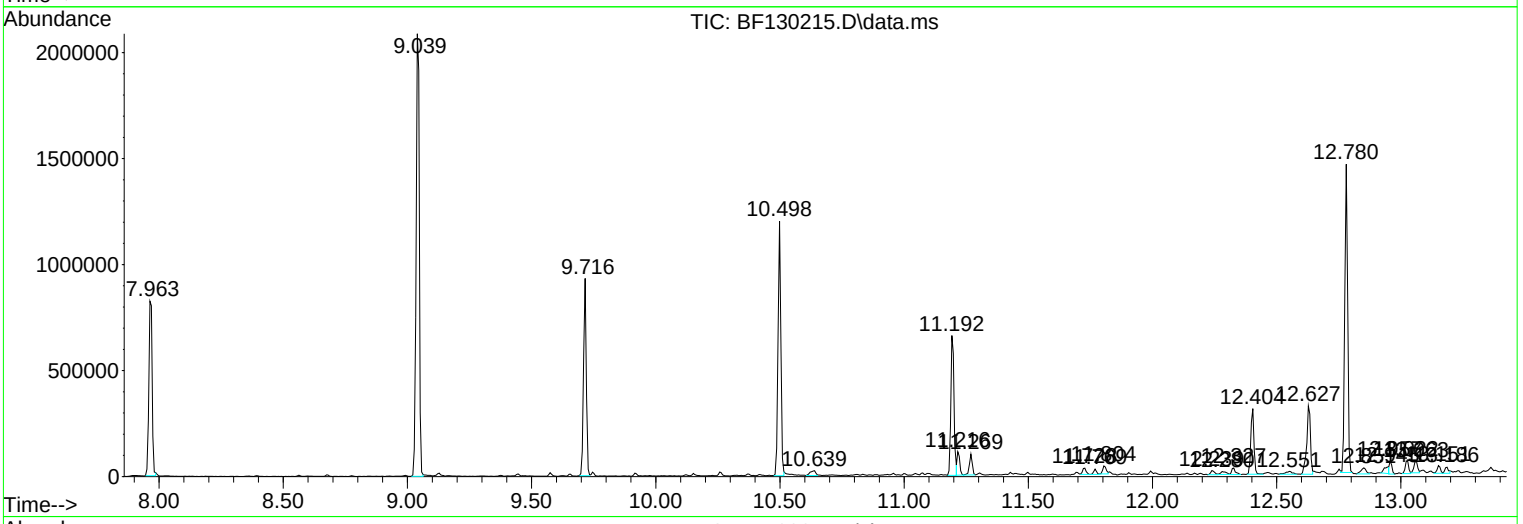
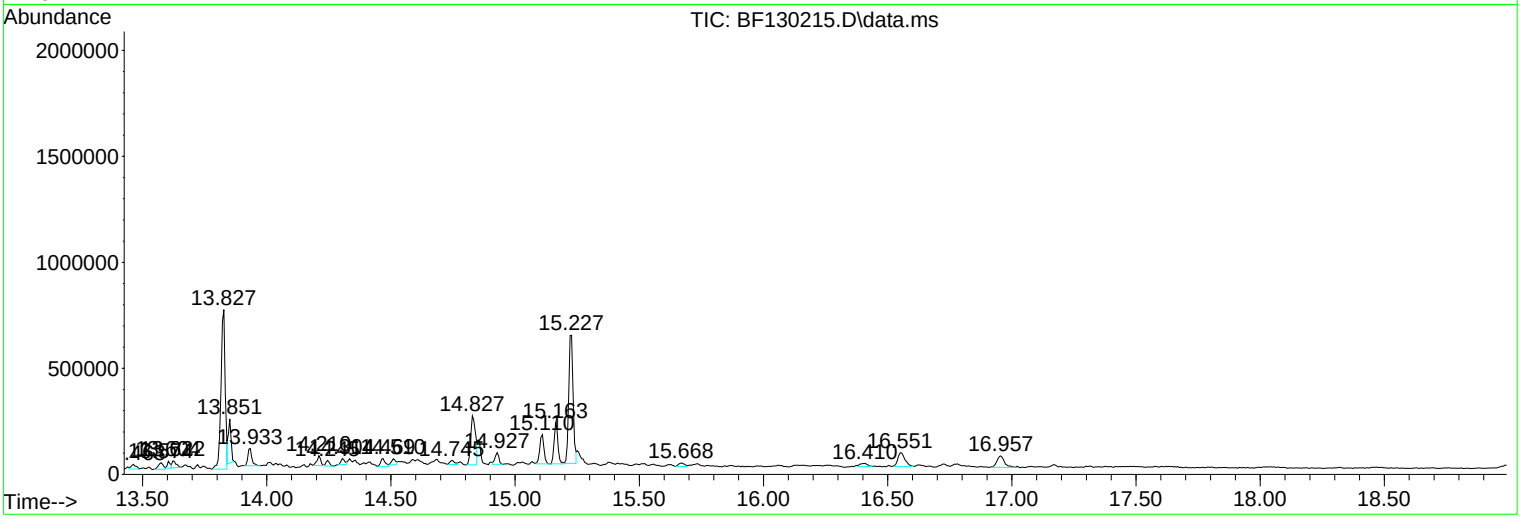
ClientSampleId :
PSC-124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.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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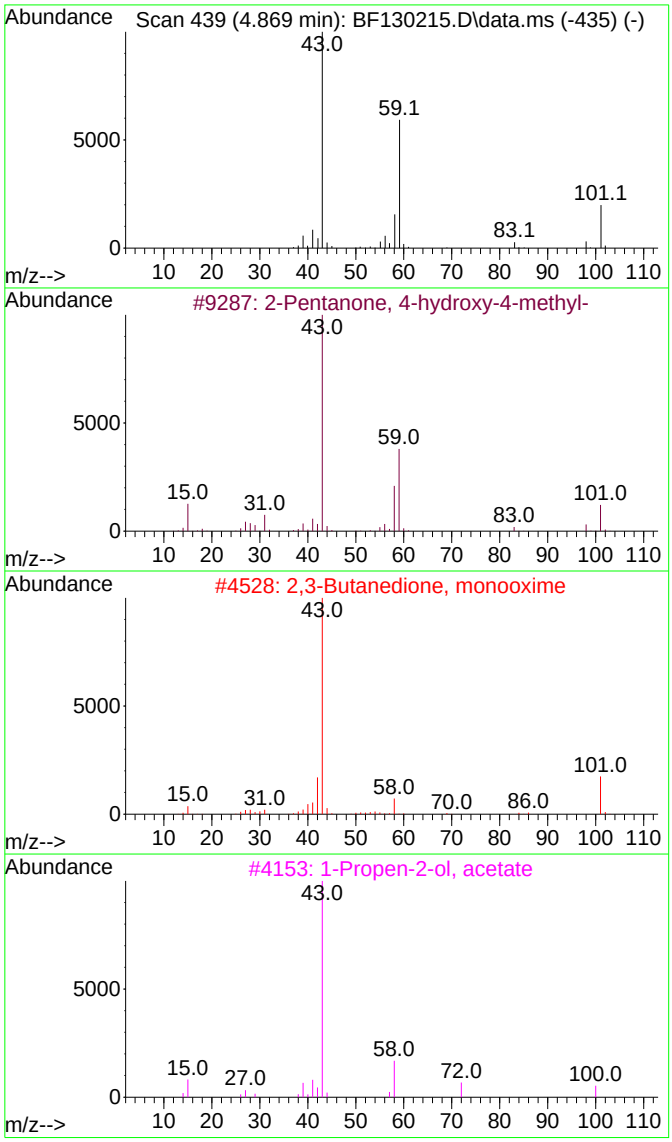
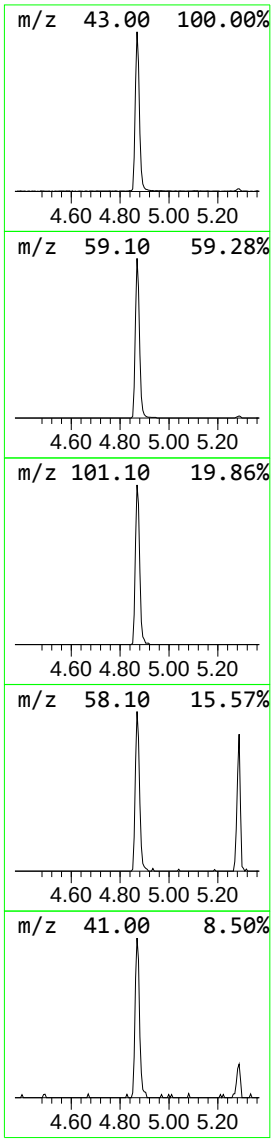
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	9.24 ng	276438	1,4-Dichlorobenzene-d4	6.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : N4572-03
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Instrument :
BNA_F
ClientSampleId :
PSC-124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

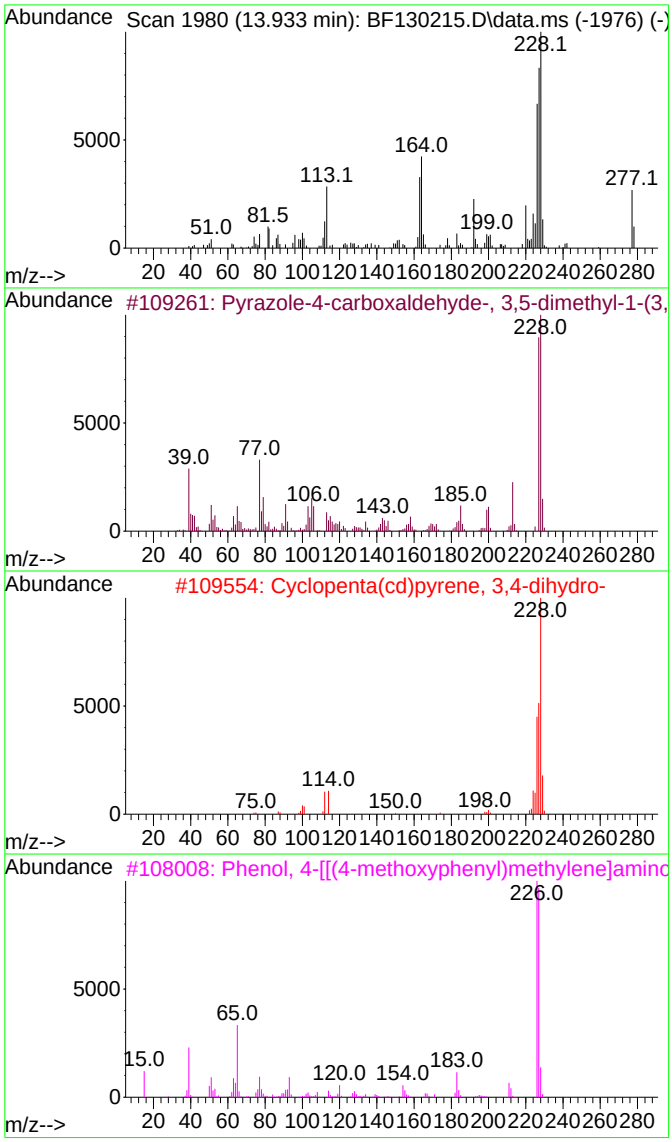
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

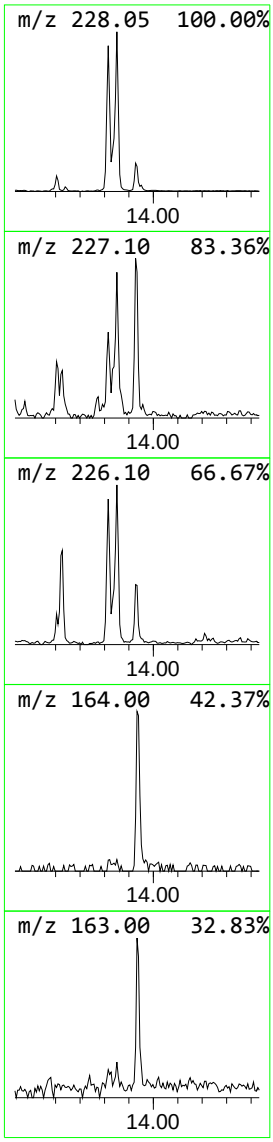
****

Peak Number 2 unknown13.933 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	2.00 ng	90102	Chrysene-d12	13.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	35
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	25
3	Phenol, 4-[[(4-methoxyphenyl)met...	227	C14H13NO2	003230-39-5	25
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	18
5	7-Methoxy-1,2,3,4-tetrahydroacri...	228	C14H16N2O	005778-80-3	14





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BNA_F
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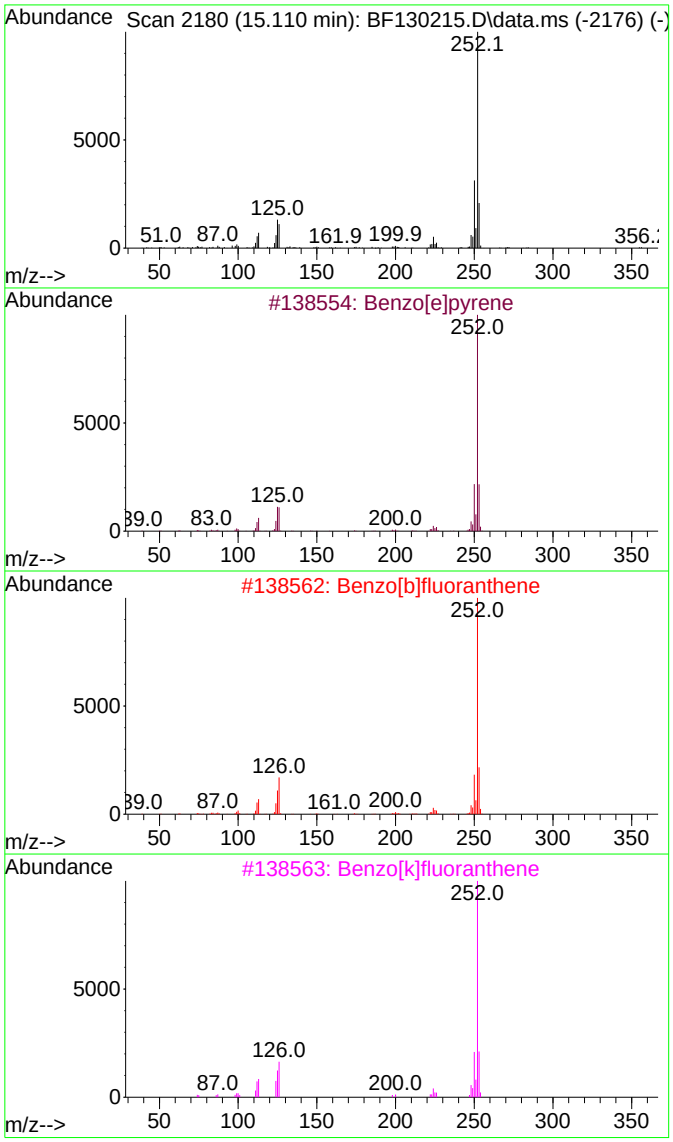
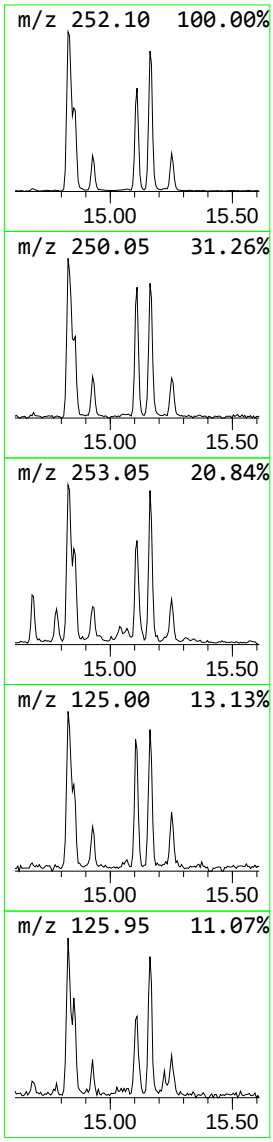
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	4.25 ng	156596	Perylene-d12	15.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	86





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	9.2	ng	276438	1	6.687	598551	20.0
unknown13.933	13.933	2.0	ng	90102	5	13.827	900466	20.0
Benzo[e]pyrene	15.110	4.3	ng	156596	6	15.227	737693	20.0