LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
Data File : BF132630.D
Acq On : 03 Mar 2023 15:56
Operator : CG\JU
Sample : 01767-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CE-54-030123

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132630.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.228	445	449	459	rVB	1236618	1457111	46.41%	4.789%
2	5.628	512	517	520	rBV	3032840	3043449	96.93%	10.002%
3	6.622	682	686	689	rBV	3231050	2882672	91.81%	9.474%
4	6.998	746	750	754	rBV	1324342	1035392	32.98%	3.403%
5	7.563	842	846	849	rBV	2290093	1923940	61.27%	6.323%
6	8.287	965	969	972	rBV	1381380	1190441	37.91%	3.912%
7	9.357	1147	1151	1154	rBV	3898669	3139901	100.00%	10.319%
8	9.428	1161	1163	1166	rBV	53389	41764	1.33%	0.137%
9	10.045	1264	1268	1272	rBV	1447829	1145284	36.48%	3.764%
10	10.304	1310	1312	1319	rVB	59159	47793	1.52%	0.157%
11	10.757	1386	1389	1395	rVB	125770	101079	3.22%	0.332%
12	10.839	1399	1403	1406	rBV	1719787	1557133	49.59%	5.117%
13	10.945	1416	1421	1430	rVB7	27093	52489	1.67%	0.173%
14	11.539	1519	1522	1525	rBV	1179687	1033230	32.91%	3.396%
15	11.563	1525	1526	1530	rVB	194412	144461	4.60%	0.475%
16	11.616	1530	1535	1537	rBV	53420	57177	1.82%	0.188%
17	12.051	1605	1609	1611	rBV3	131583	156961	5.00%	0.516%
18	12.075	1611	1613	1616	rVB	78717	71537	2.28%	0.235%
19	12.157	1624	1627	1630	rBV2	84383	98201	3.13%	0.323%
20	12.598	1699	1702	1704	rBV	49050	54793	1.75%	0.180%
21	12.622	1704	1706	1710	rVV4	43449	60689	1.93%	0.199%
22	12.686	1714	1717	1722	rBV2	43886	48482	1.54%	0.159%
23	12.763	1726	1730	1734	rBV	731787	610597	19.45%	2.007%
24	12.998	1763	1770	1775	rBV	782916	868495	27.66%	2.854%
25	13.045	1775	1778	1782	rVB2	39209	46054	1.47%	0.151%
26	13.133	1789	1793	1796	rBV	3025391	2536575	80.79%	8.336%
27	13.210	1802	1806	1809	rBV3	61711	100874	3.21%	0.332%
28	13.322	1818	1825	1828	rBV	96824	162260	5.17%	0.533%
29	13.392	1834	1837	1839	rVB	56815	46505	1.48%	0.153%
30	13.427	1839	1843	1846	rBV2	97809	113078	3.60%	0.372%
31	13.504	1853	1856	1858	rBV	130213	130443	4.15%	0.429%
32	13.521	1858	1859	1862	rVB	75367	55560	1.77%	0.183%
33	13.557	1862	1865	1868	rBV	63542	63822	2.03%	0.210%
34	13.839	1910	1913	1917	rVB	58102	67743	2.16%	0.223%
35	13.980	1934	1937	1939	rVB	58028	47600	1.52%	0.156%
36	14.004	1939	1941	1942	rBV	79155	61710	1.97%	0.203%

LSC Area Percent Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-54-030123

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.027	1942	1945	1947	rBV3	138227	157959	5.03%	0.519%
38	14.204	1970	1975	1977	rBV2	1282079	1594359	50.78%	5.240%
39	14.227	1977	1979	1987	rVB	452998	421468	13.42%	1.385%
40	14.310	1991	1993	1996	rBV	81337	72752	2.32%	0.239%
41	14.345	1997	1999	2001	rBV2	52569	54737	1.74%	0.180%
42	14.592	2039	2041	2043	rVB	95999	73525	2.34%	0.242%
43	15.292	2156	2160	2163	rBV	459109	678115	21.60%	2.229%
44	15.410	2177	2180	2183	rBV	94572	108253	3.45%	0.356%
45	15.621	2212	2216	2223	rVB	344507	456410	14.54%	1.500%
46	15.686	2223	2227	2233	rBV	457494	667229	21.25%	2.193%
47	15.757	2234	2239	2243	rBV2	950187	1286408	40.97%	4.228%
48	17.357	2506	2511	2518	rVB2	159747	309490	9.86%	1.017%
49	17.839	2589	2593	2604	rVB	144066	292036	9.30%	0.960%

Sum of corrected areas: 30428036

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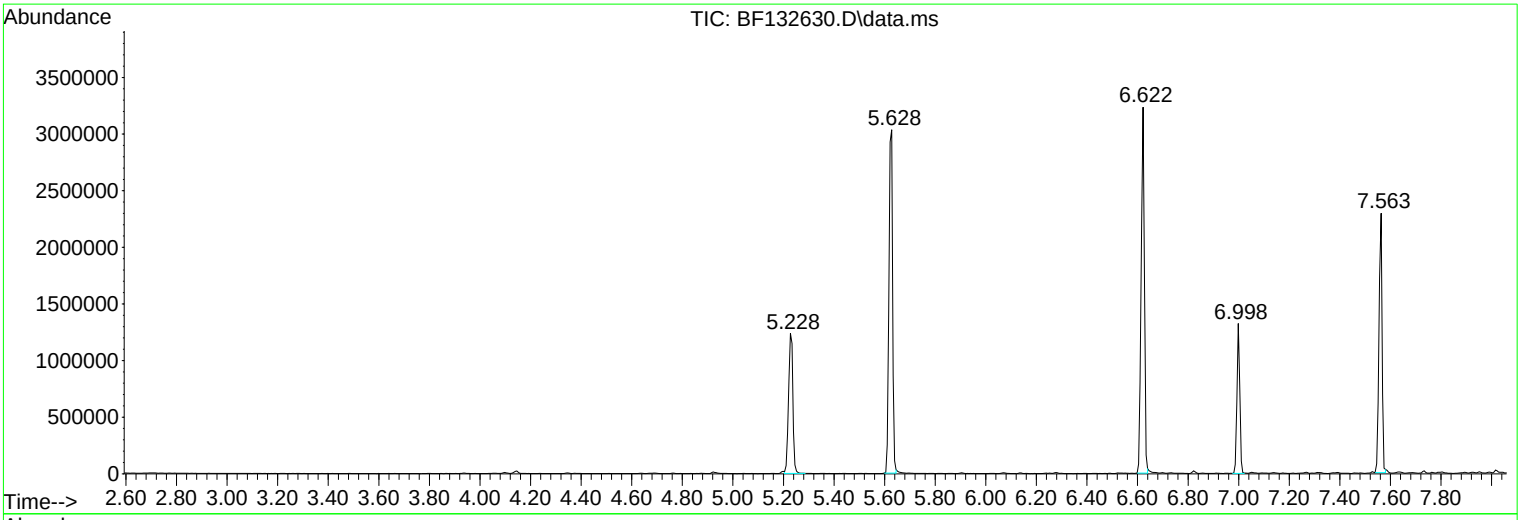
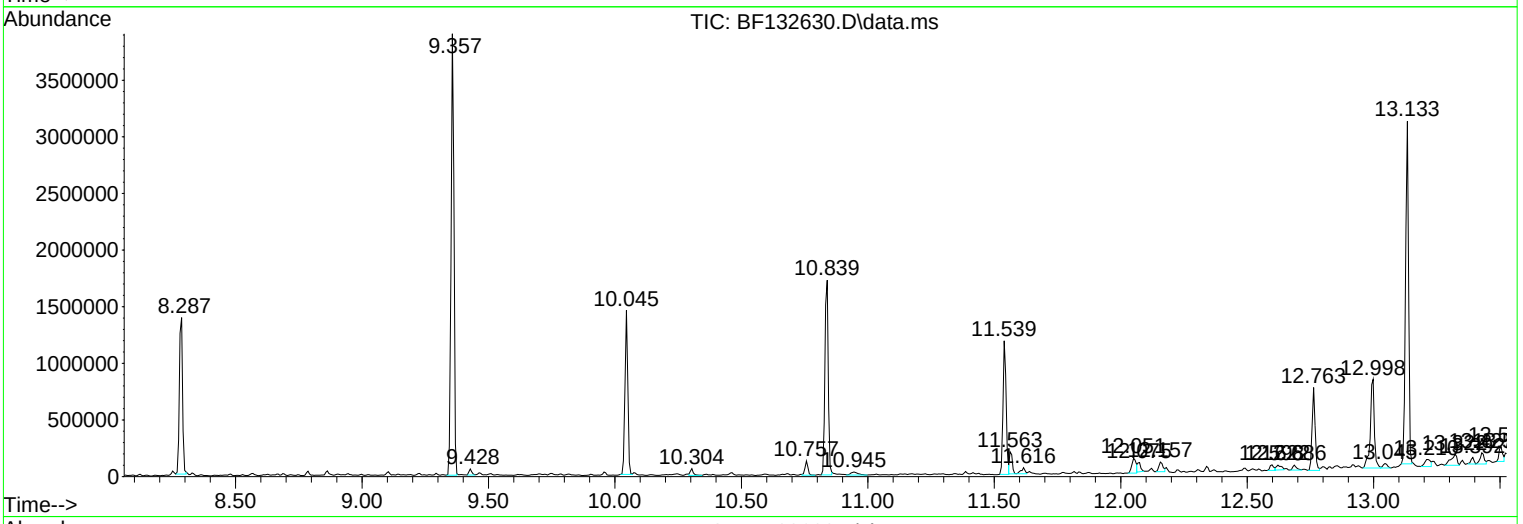
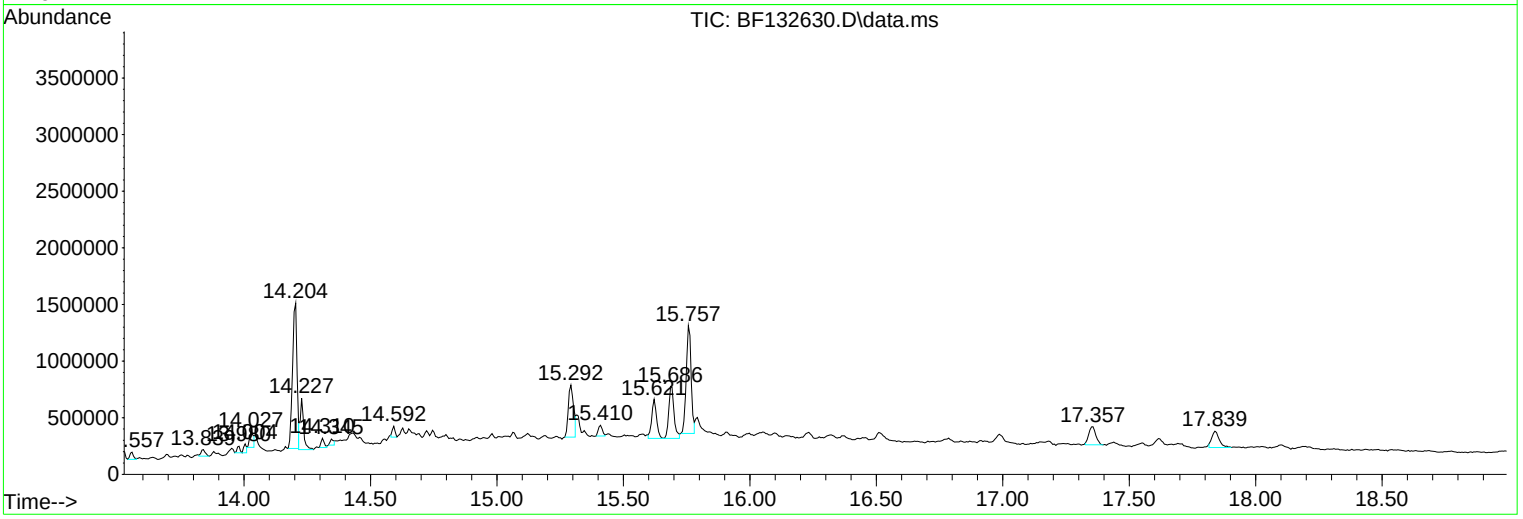
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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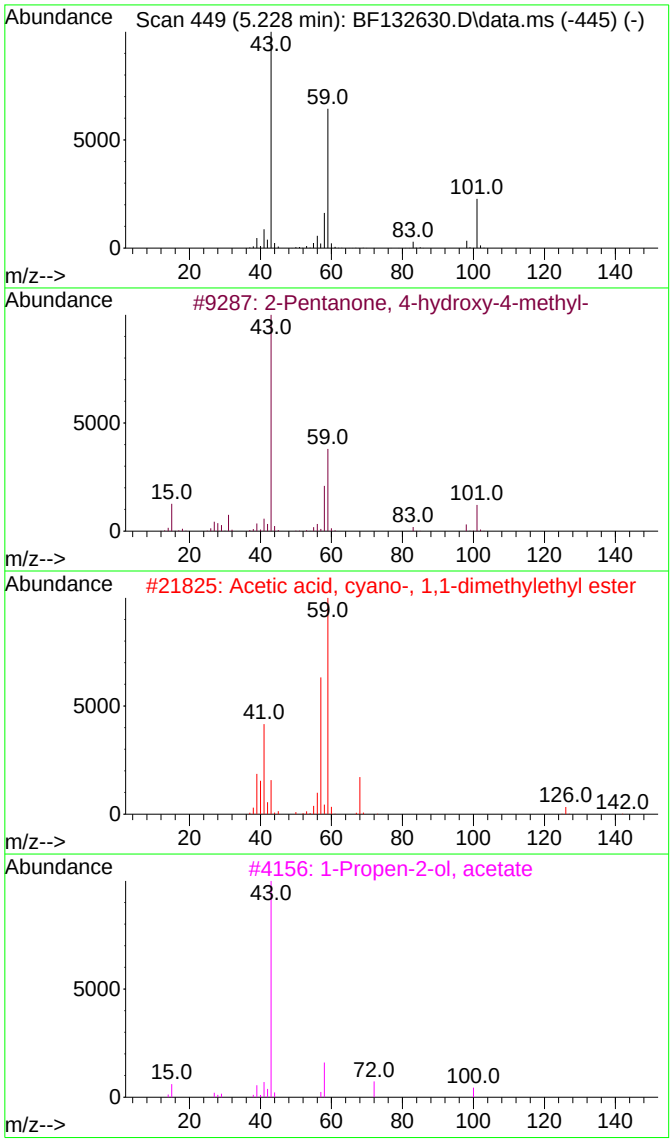
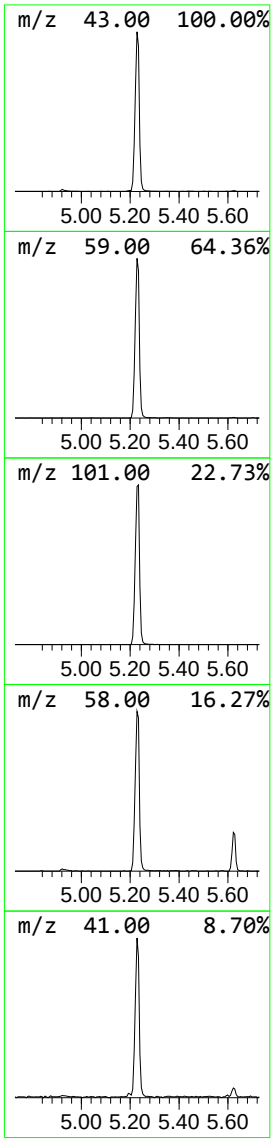
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.228	28.15 ng	1457110	1,4-Dichlorobenzene-d4	6.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
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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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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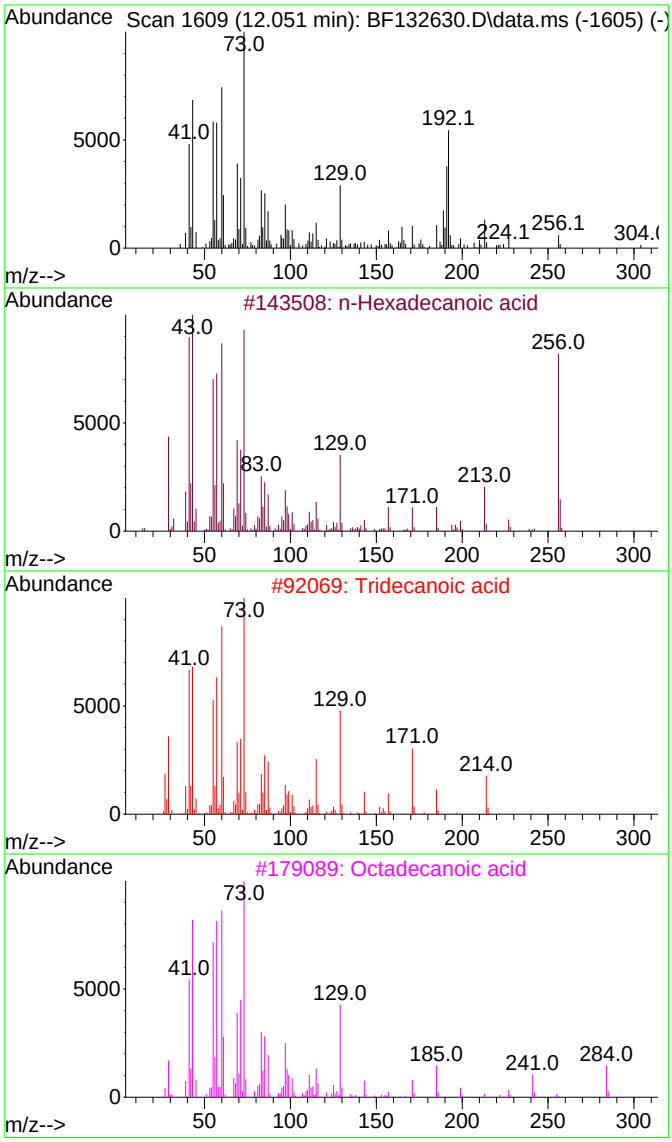
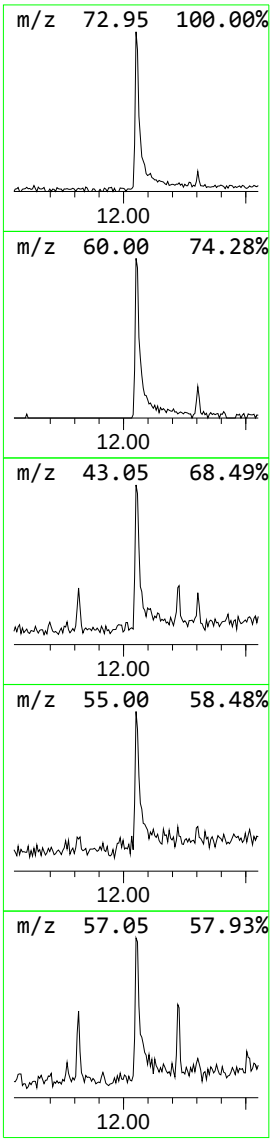
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	3.04 ng	156961	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	Octadecanoic acid	284	C18H36O2	000057-11-4	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46





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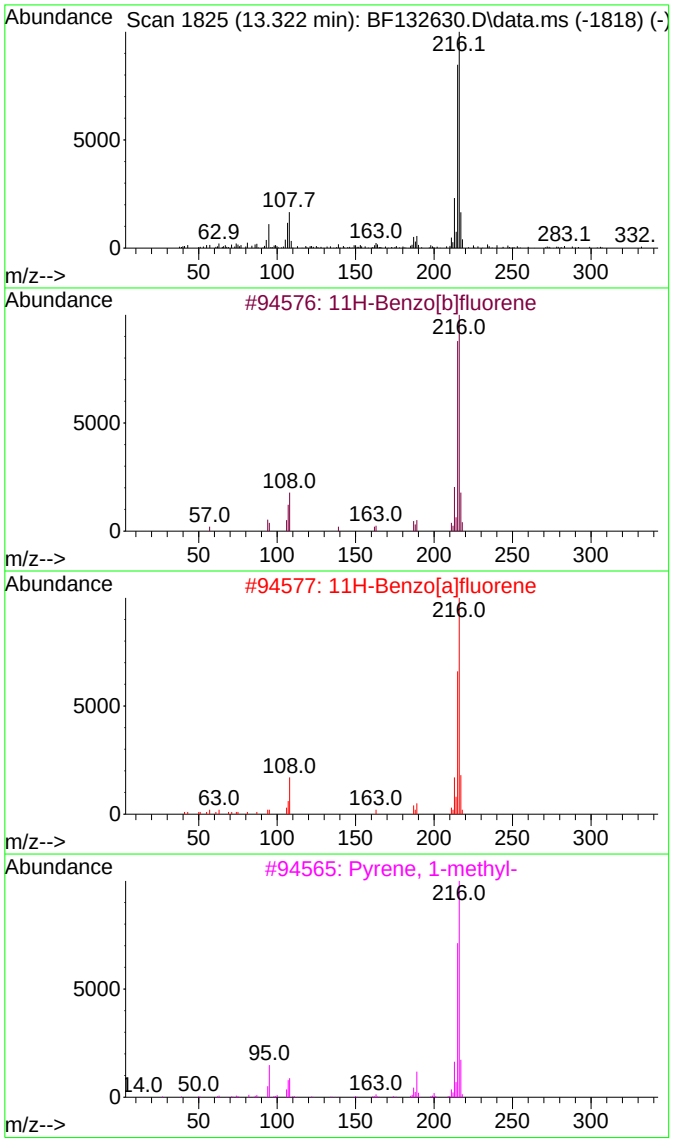
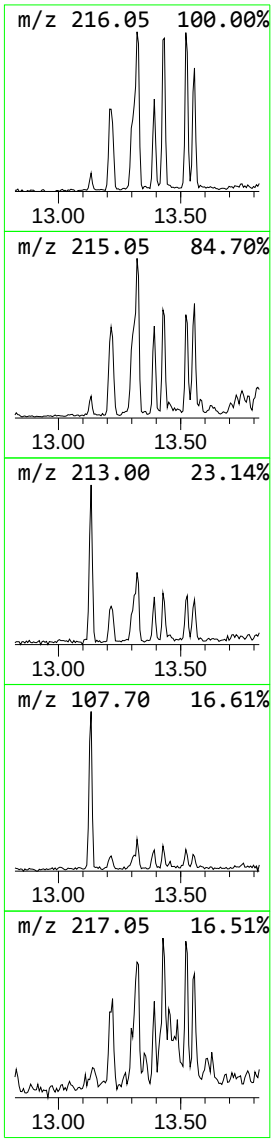
Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	2.04 ng	162260	Chrysene-d12	14.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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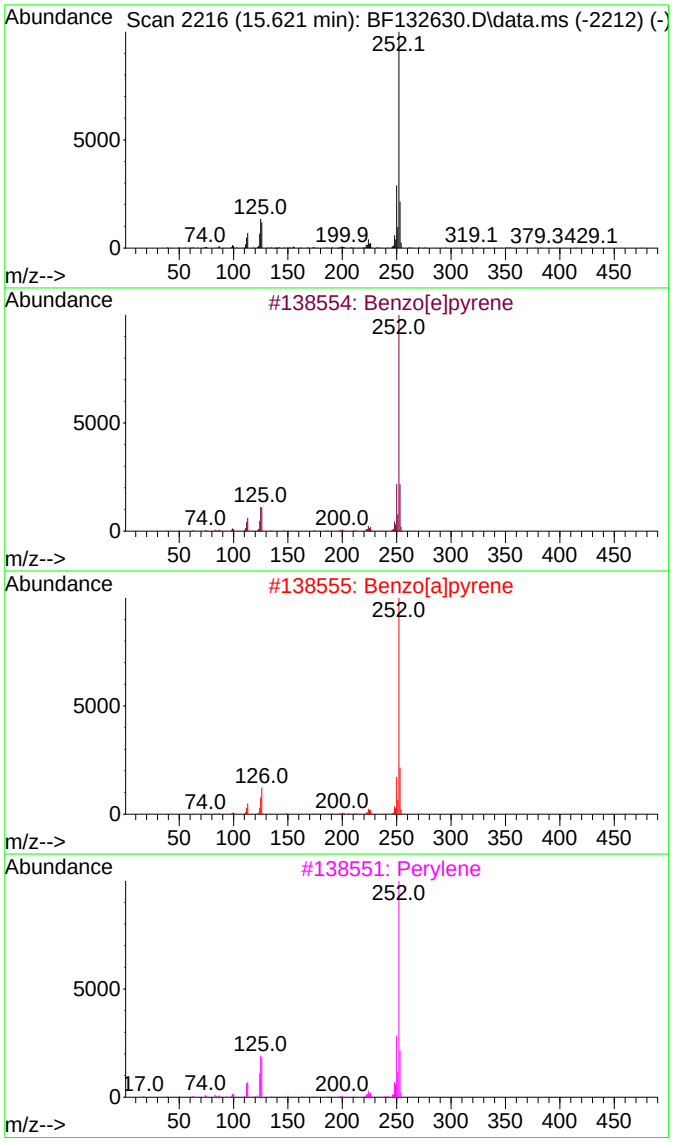
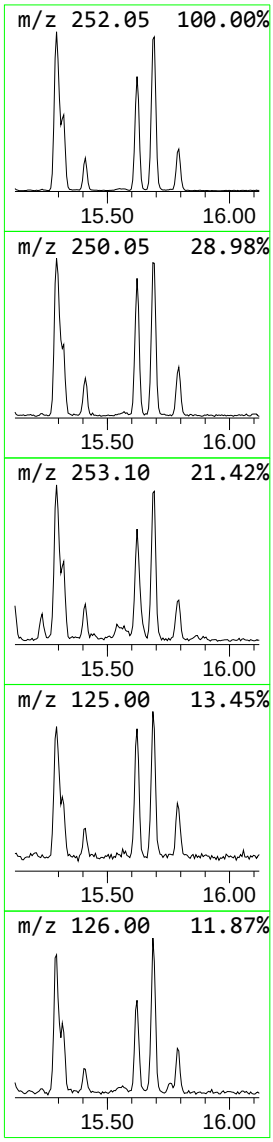
Peak Number 4 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.621	7.10 ng	456410	Perylene-d12	15.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95





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-...	5.228	28.1	ng	1457110	1	6.998	1035390	20.0
n-Hexadecanoic ...	12.051	3.0	ng	156961	4	11.539	1033230	20.0
11H-Benzo[b]flu...	13.322	2.0	ng	162260	5	14.204	1594360	20.0
Benzo[e]pyrene	15.621	7.1	ng	456410	6	15.757	1286410	20.0