LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
Data File : BF137535.D
Acq On : 07 Mar 2024 17:49
Operator : CG\JU
Sample : P1688-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137535.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	11	18	33	rVB	1458871	1934651	42.74%	5.666%
2	5.534	582	586	608	rBV	4188728	4293603	94.85%	12.574%
3	6.516	749	753	781	rBV	4048810	4526953	100.00%	13.258%
4	6.875	811	814	830	rBV	1293094	1214519	26.83%	3.557%
5	7.434	905	909	928	rBV	2981128	2843307	62.81%	8.327%
6	8.145	1027	1030	1046	rBV	1685232	1598233	35.30%	4.681%
7	9.228	1210	1214	1217	rBV	5144069	4445838	98.21%	13.020%
8	9.904	1325	1329	1343	rBV	2100970	1797476	39.71%	5.264%
9	10.010	1343	1347	1354	rVB	95973	125475	2.77%	0.367%
10	10.698	1460	1464	1482	rBV	2730054	2547779	56.28%	7.461%
11	11.398	1580	1583	1586	rBV	1684724	1565763	34.59%	4.585%
12	11.422	1586	1587	1593	rVB	174758	146797	3.24%	0.430%
13	11.945	1672	1676	1685	rBV3	138176	191878	4.24%	0.562%
14	12.622	1788	1791	1799	rBV	164573	164616	3.64%	0.482%
15	12.851	1825	1830	1834	rBV	140767	152098	3.36%	0.445%
16	13.004	1852	1856	1859	rBV	3764370	3421674	75.58%	10.021%
17	13.592	1952	1956	1958	rBV	58235	55820	1.23%	0.163%
18	13.922	2008	2012	2025	rBV	221278	336072	7.42%	0.984%
19	14.063	2031	2036	2040	rBV	1090906	1108532	24.49%	3.246%
20	14.245	2063	2067	2070	rBV	56273	52179	1.15%	0.153%
21	14.551	2116	2119	2122	rBV	57645	52045	1.15%	0.152%
22	14.880	2173	2175	2181	rVB2	44152	55198	1.22%	0.162%
23	14.963	2185	2189	2197	rVB	69281	88535	1.96%	0.259%
24	15.145	2216	2220	2230	rBV	53645	121952	2.69%	0.357%
25	15.251	2235	2238	2245	rVB3	40562	51516	1.14%	0.151%
26	15.533	2283	2286	2292	rVB	37624	49241	1.09%	0.144%
27	15.604	2292	2298	2306	rBV	850796	1204506	26.61%	3.527%

Sum of corrected areas: 34146256

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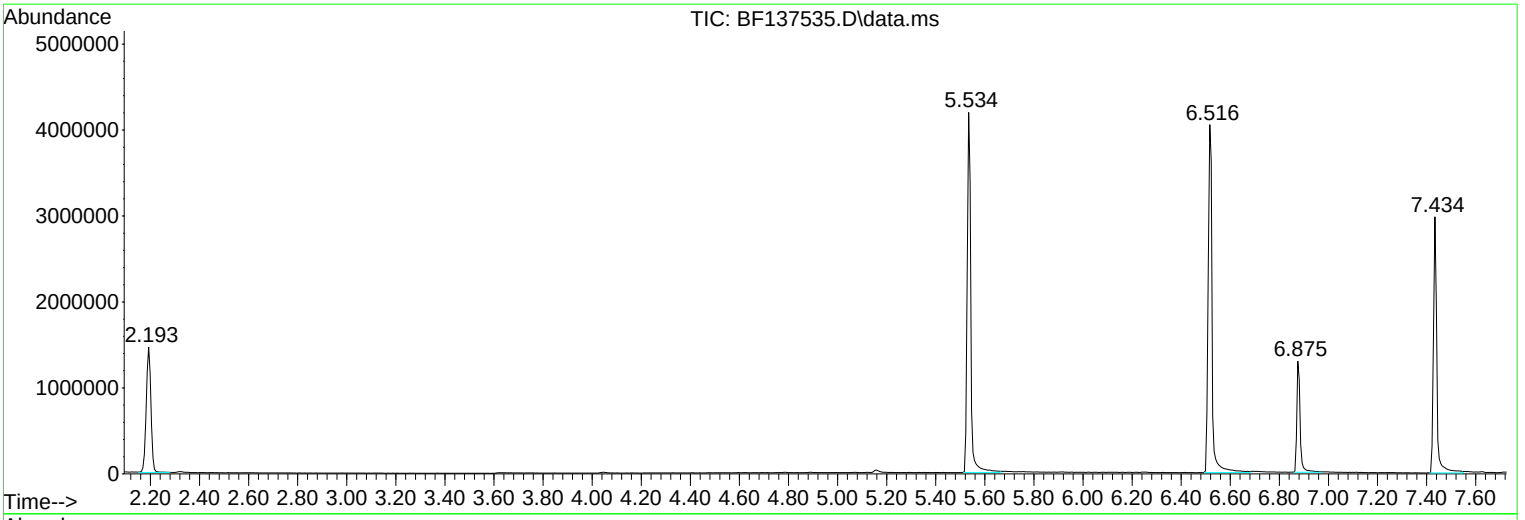
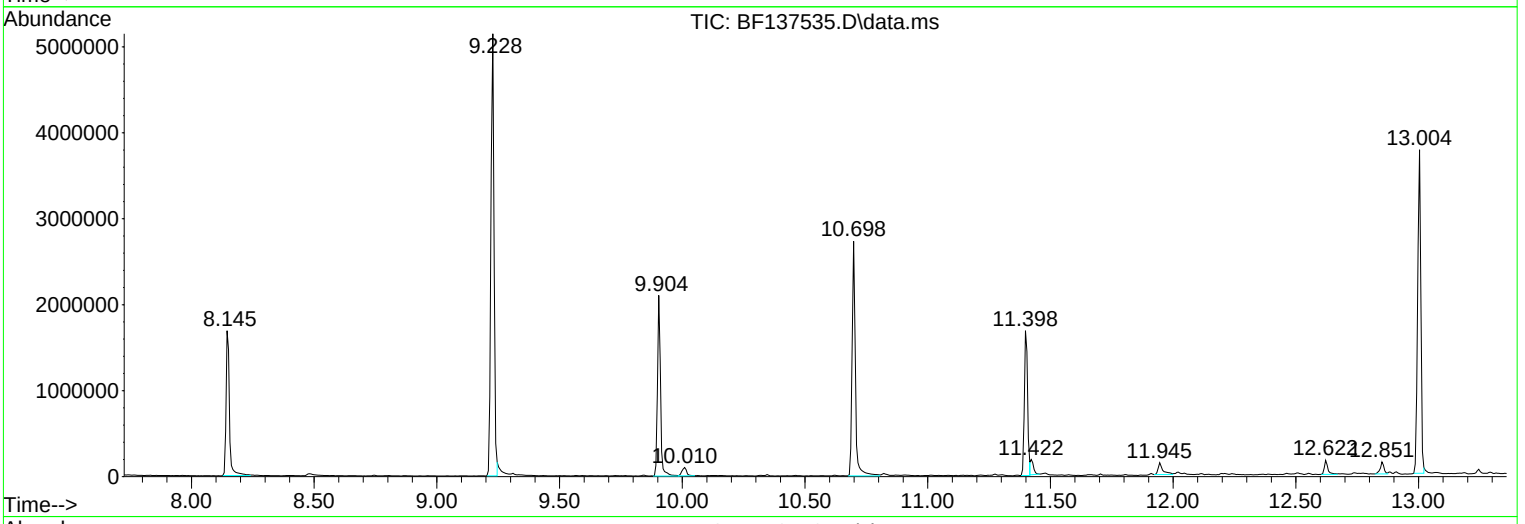
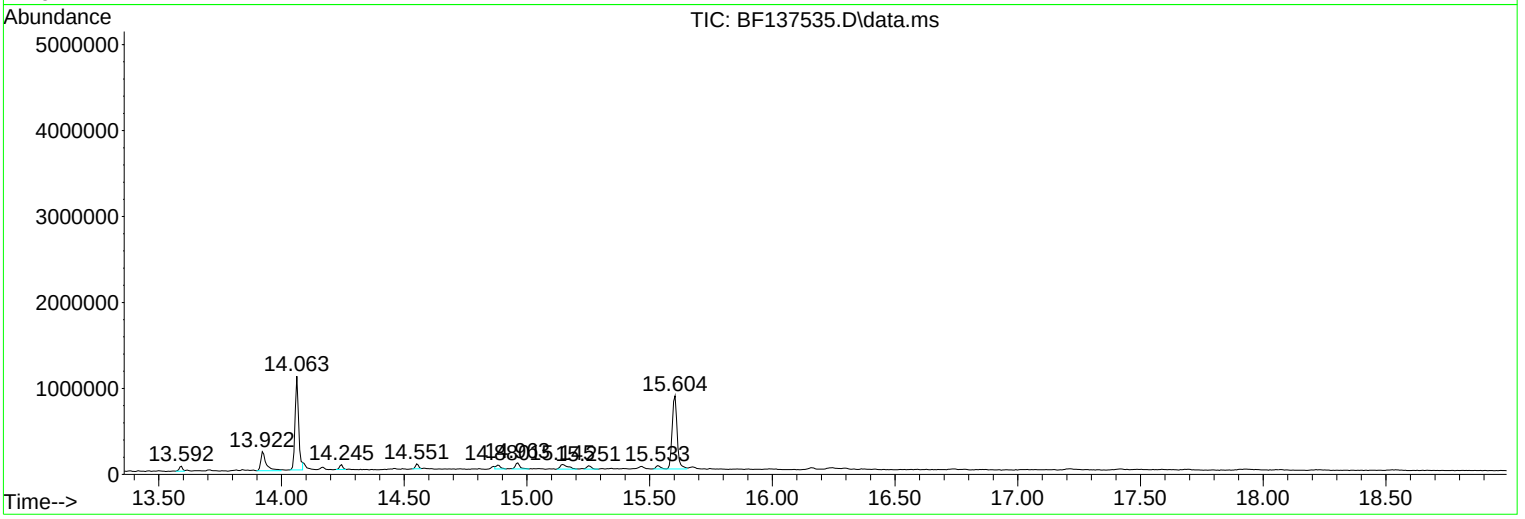
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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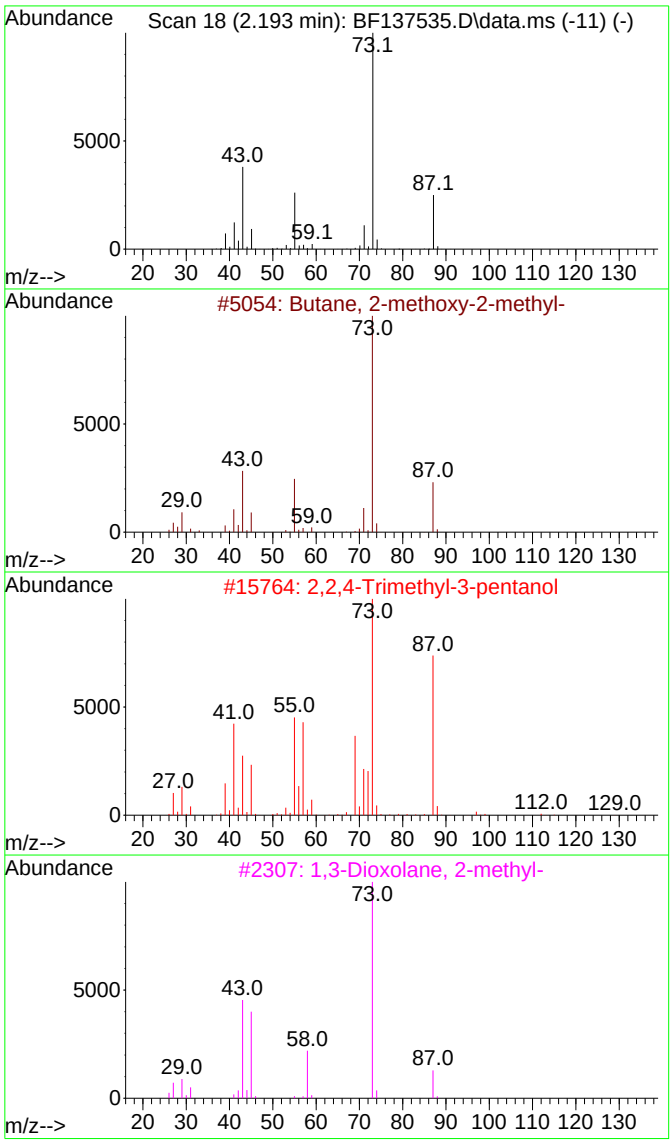
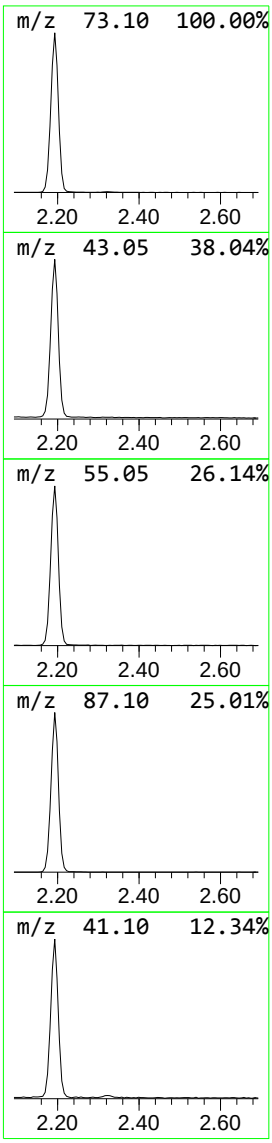
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	31.86 ng	1934650	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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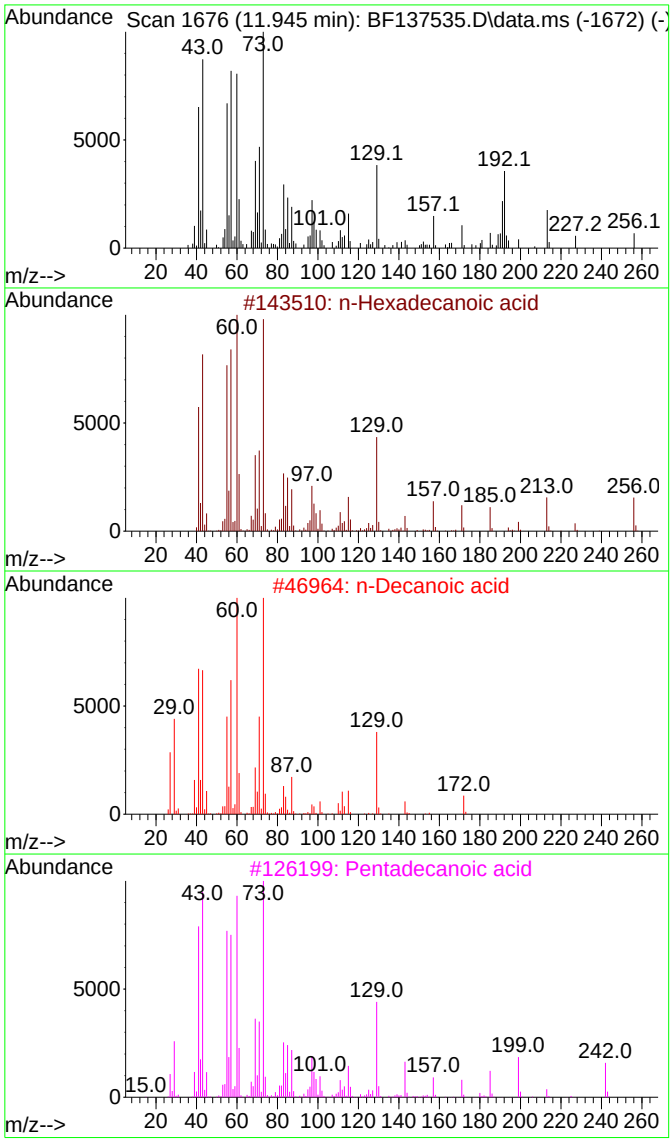
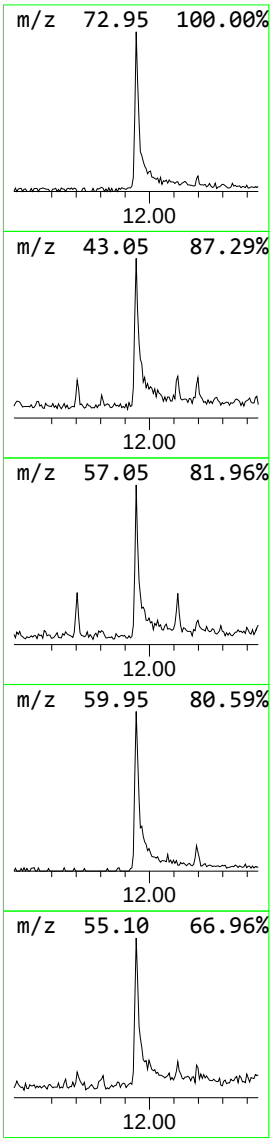
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	2.45 ng	191878	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Decanoic acid	172	C10H20O2	000334-48-5	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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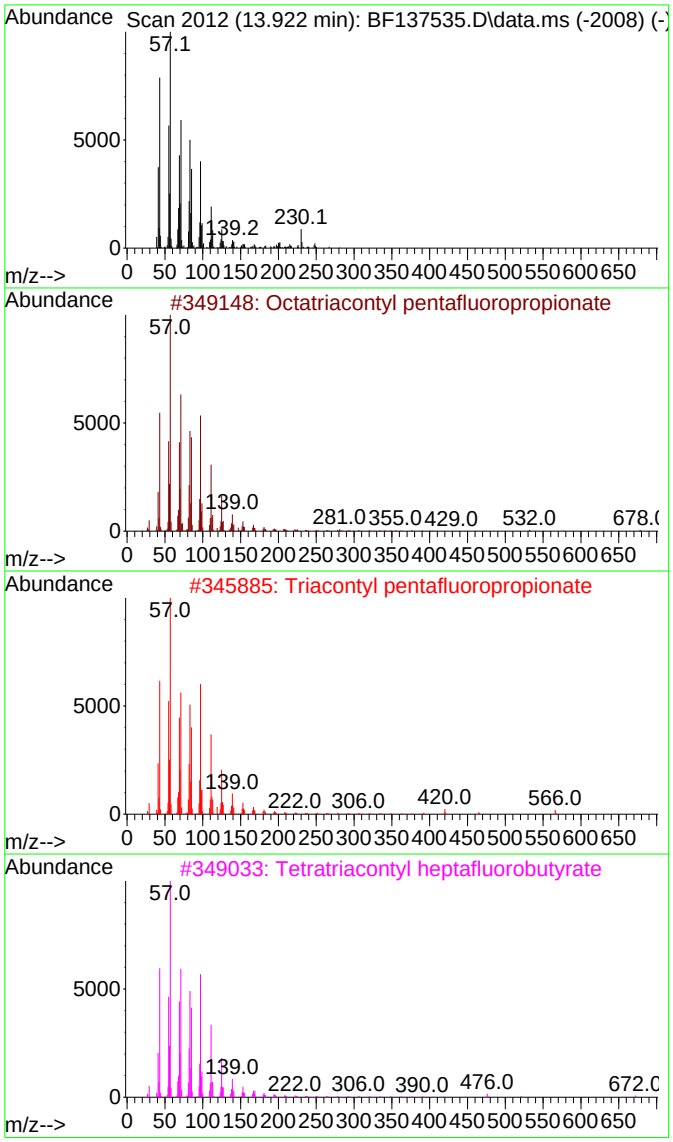
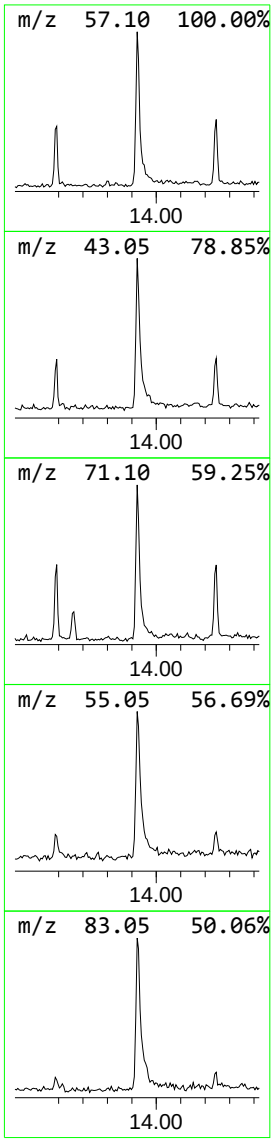
Peak Number 5 Octatriacontyl pentafluorop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	6.06 ng	336072	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
2	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
3	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91
4	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	91
5	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91





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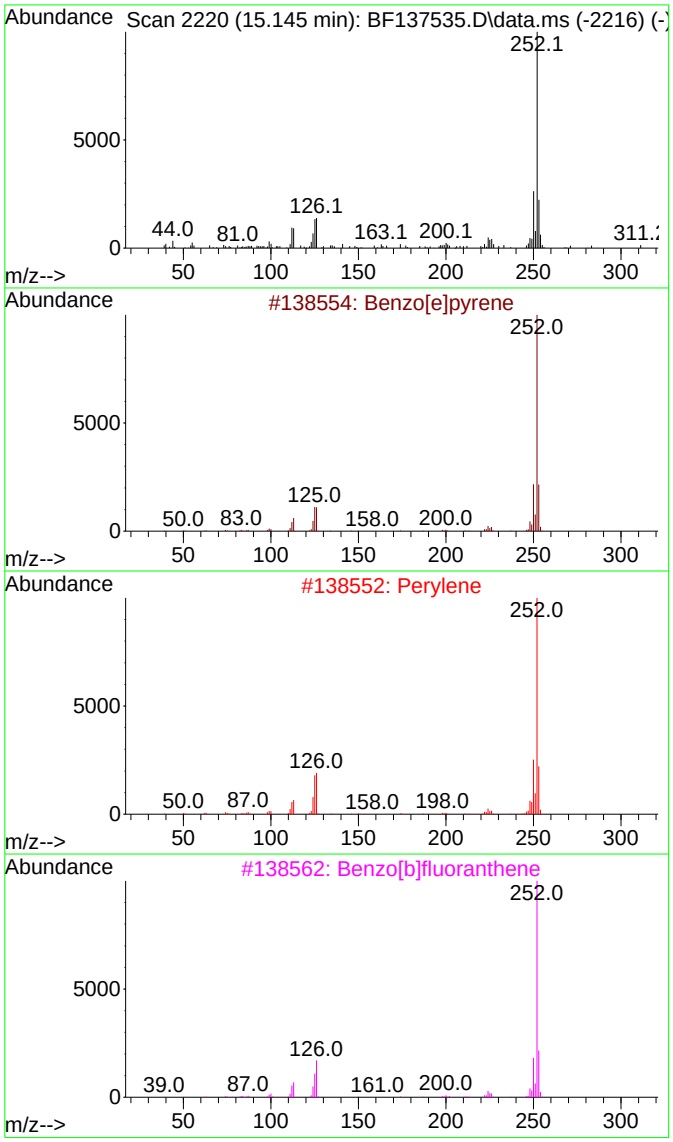
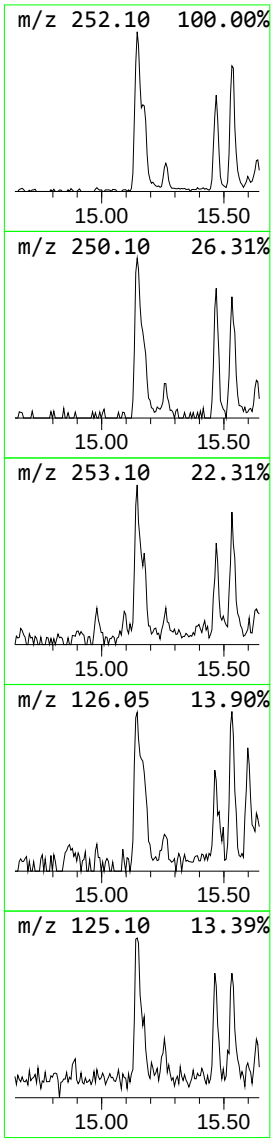
Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	2.02 ng	121952	Perylene-d12	15.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.193	31.9	ng	1934650	1	6.875	1214520	20.0
n-Hexadecanoic ...	11.945	2.5	ng	191878	4	11.398	1565760	20.0
Octatriacontyl ...	13.922	6.1	ng	336072	5	14.063	1108530	20.0
Benzo[e]pyrene	15.145	2.0	ng	121952	6	15.604	1204510	20.0