LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125310.D
Acq On : 1 Sep 2021 17:07
Operator : JU/CG
Sample : M3602-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1COMP

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125310.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	4	9	15	rVB	953101	1172249	23.88%	3.486%
2	5.522	579	584	587	rBV	3685451	3519581	71.70%	10.466%
3	6.534	751	756	759	rBV	3565247	3585260	73.04%	10.661%
4	6.904	816	819	822	rBV	1276216	967519	19.71%	2.877%
5	7.469	910	915	918	rBV	2722275	2318567	47.23%	6.894%
6	8.086	1017	1020	1034	rBV	436567	636181	12.96%	1.892%
7	8.186	1034	1037	1041	rBV	1478492	1292237	26.32%	3.843%
8	9.263	1216	1220	1223	rBV	4768662	4081843	83.15%	12.138%
9	9.945	1332	1336	1340	rBV	1864422	1539465	31.36%	4.578%
10	10.733	1466	1470	1474	rBV	3173099	2970927	60.52%	8.834%
11	11.433	1585	1589	1591	rBV	2027658	1663507	33.89%	4.947%
12	11.457	1591	1593	1597	rVB	269137	211249	4.30%	0.628%
13	11.951	1671	1677	1682	rBV2	185963	239476	4.88%	0.712%
14	12.645	1792	1795	1799	rBV	380039	310714	6.33%	0.924%
15	12.874	1829	1834	1839	rBV	306167	316382	6.45%	0.941%
16	13.021	1854	1859	1862	rBV	5493155	4908846	100.00%	14.597%
17	13.951	2013	2017	2030	rVB7	53273	183315	3.73%	0.545%
18	14.074	2034	2038	2041	rVV	1573125	1565575	31.89%	4.655%
19	14.098	2041	2042	2048	rVB	153688	134766	2.75%	0.401%
20	15.133	2213	2218	2225	rBV	104458	220985	4.50%	0.657%
21	15.445	2267	2271	2277	rVB	60754	81859	1.67%	0.243%
22	15.510	2278	2282	2286	rVV2	77411	108105	2.20%	0.321%
23	15.574	2288	2293	2307	rVB	914615	1382174	28.16%	4.110%
24	17.074	2546	2548	2557	rVB3	41486	83350	1.70%	0.248%
25	17.186	2561	2567	2573	rVB9	24679	61878	1.26%	0.184%
26	17.527	2623	2625	2637	rVB2	31419	73811	1.50%	0.219%

Sum of corrected areas: 33629821

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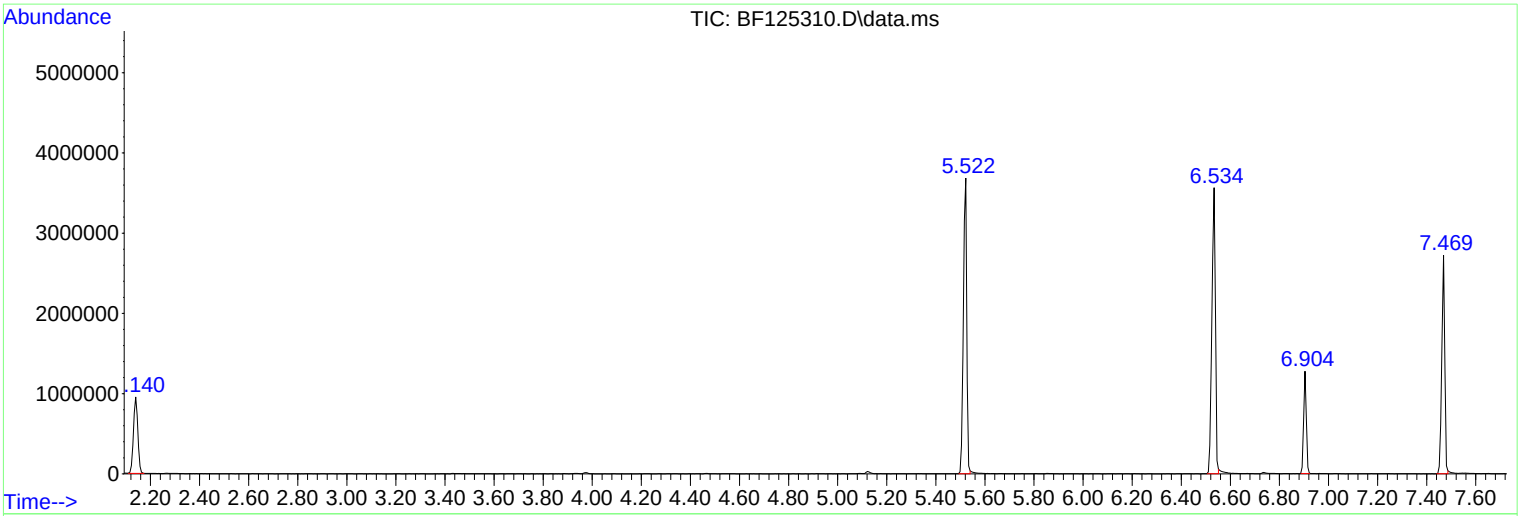
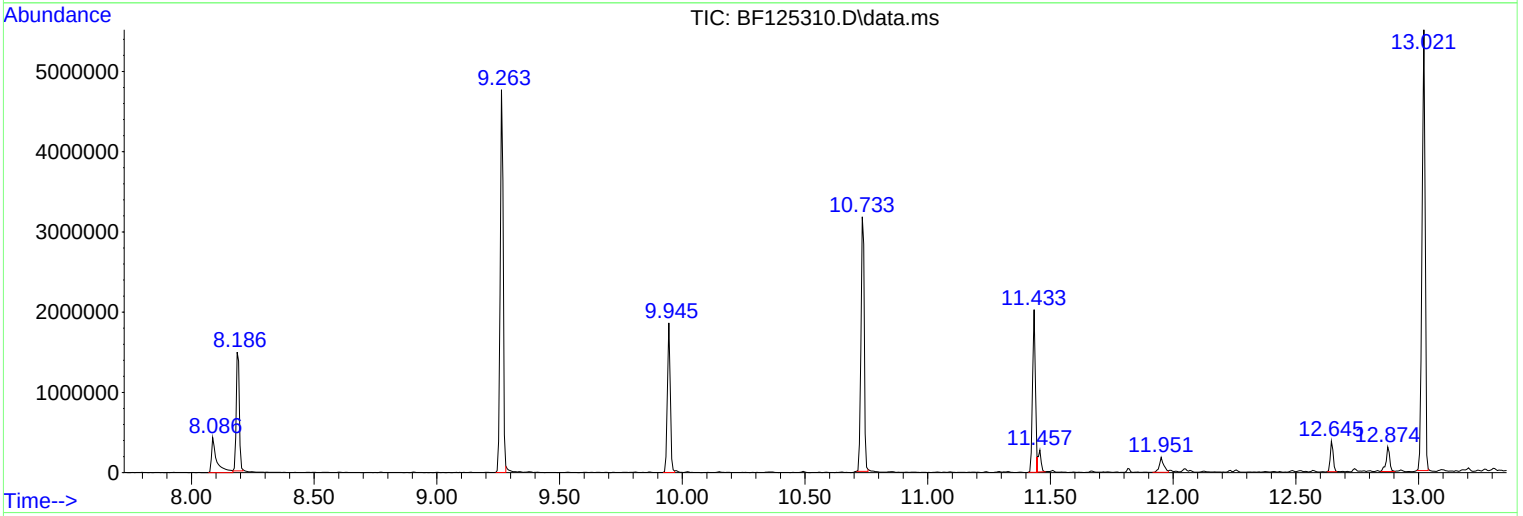
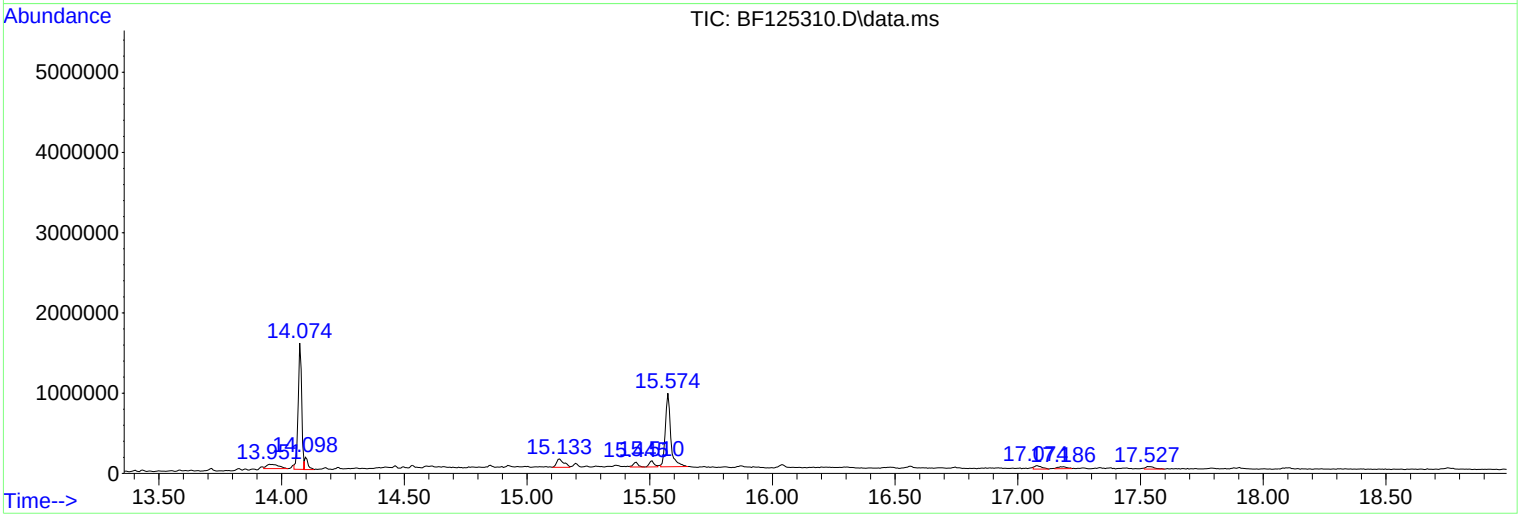
ClientSampleId :
TP-1COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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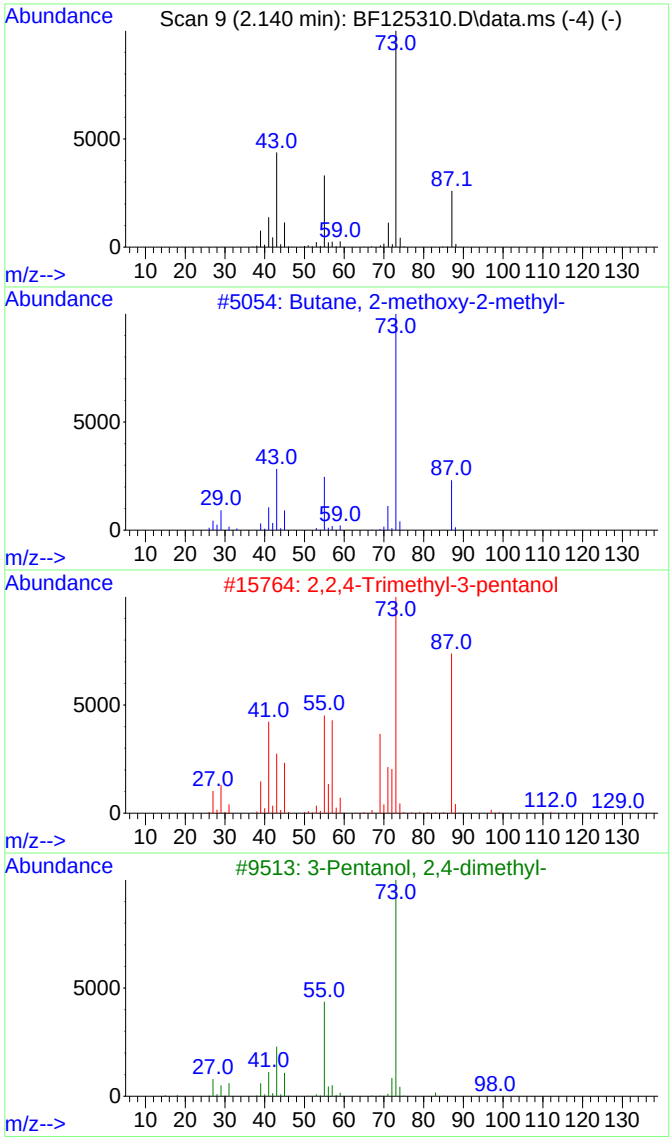
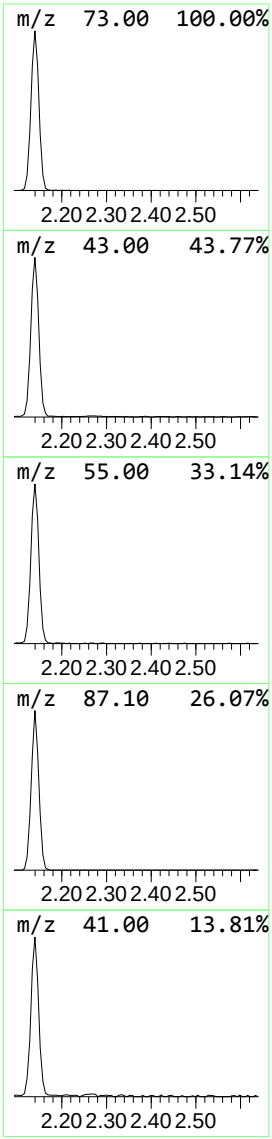
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	24.23 ng	1172250	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Instrument :
BNA_F
ClientSampleId :
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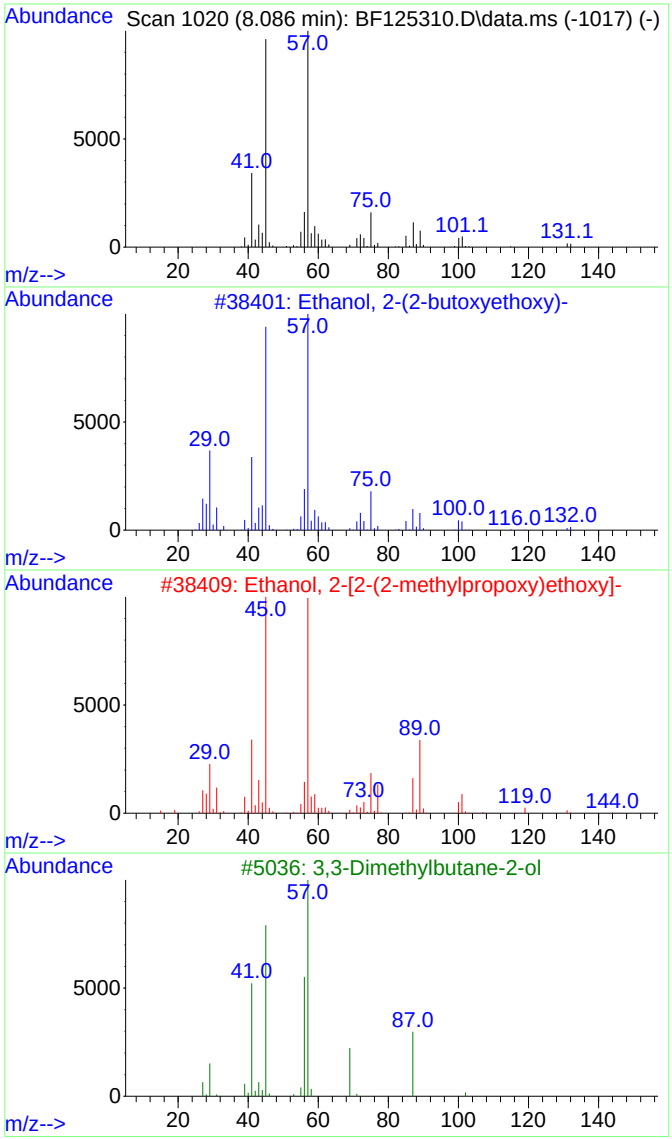
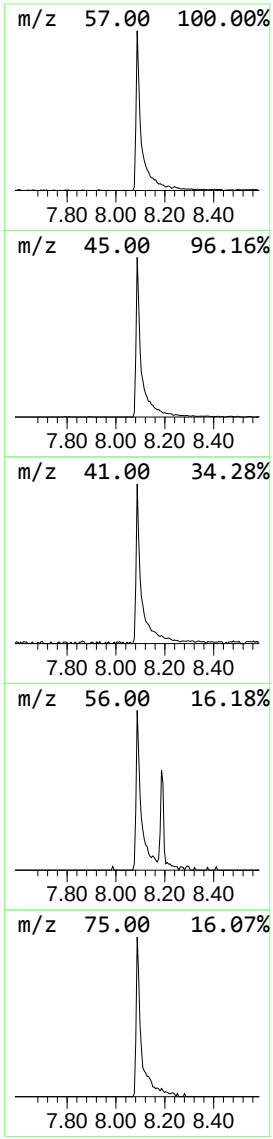
****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.086	9.85 ng	636181	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50





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ClientSampleId : TP-1COMP

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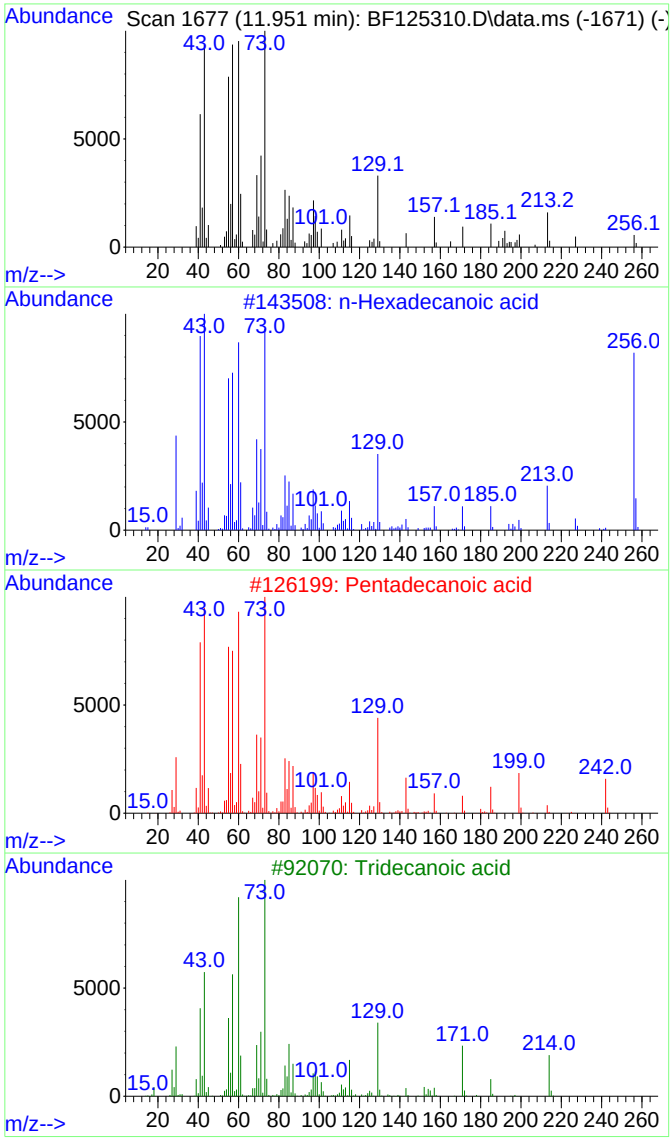
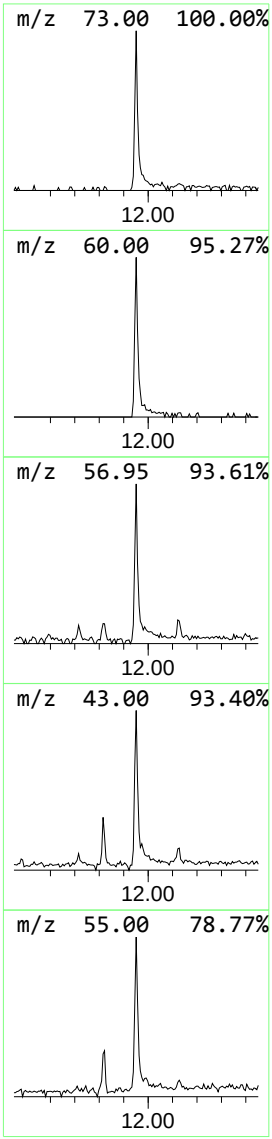
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.88 ng	239476	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tetradecane	198	C14H30	000629-59-4	25





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Instrument : BNA_F
ClientSampleId : TP-1COMP

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TIC Library : C:\Database\NIST20.L
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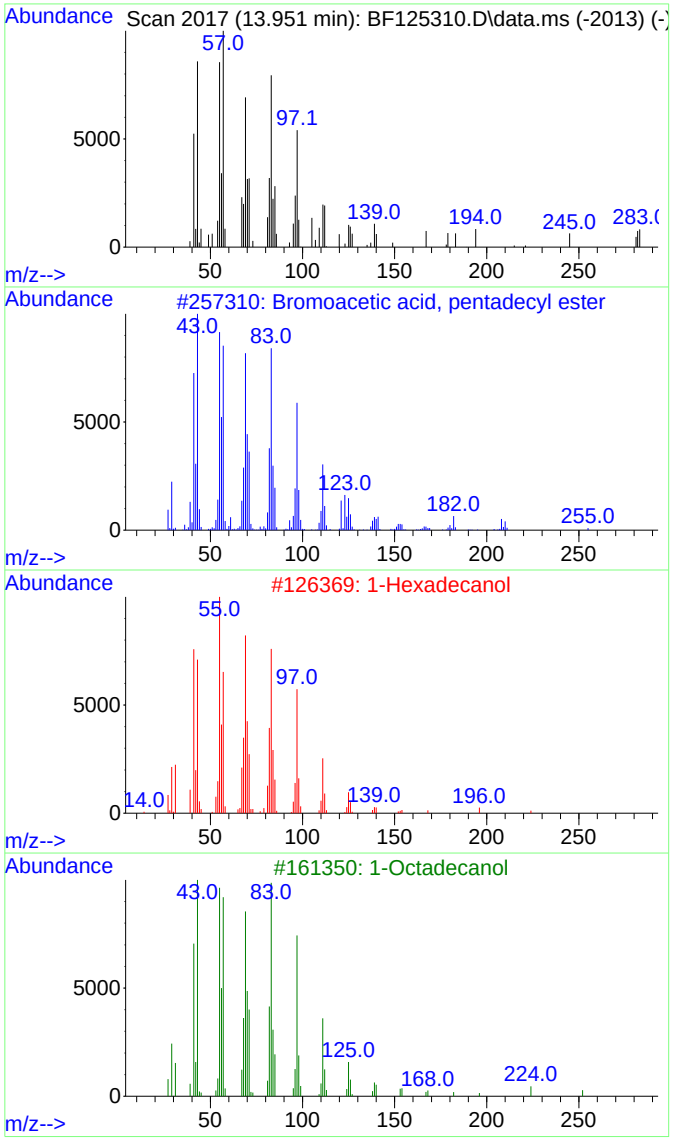
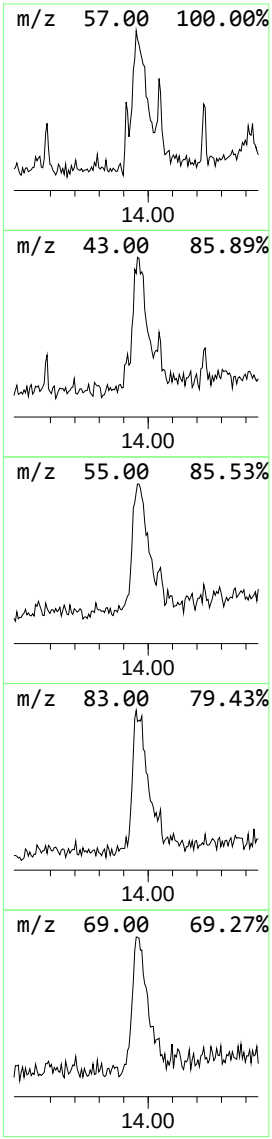
****
Peak Number 4 Bromoacetic acid, pentadecy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	2.34 ng	183315	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	76
2	1-Hexadecanol	242	C16H34O	036653-82-4	68
3	1-Octadecanol	270	C18H38O	000112-92-5	68
4	17-Pentatriacontene	491	C35H70	006971-40-0	68
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	68





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ALS Vial : 12 Sample Multiplier: 1

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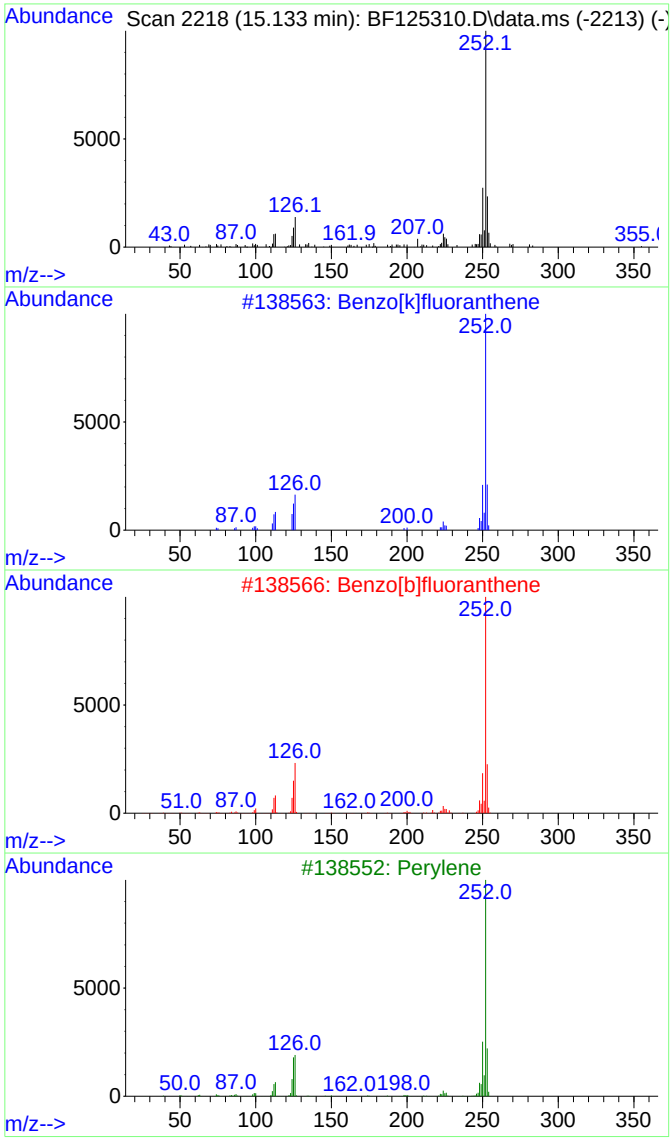
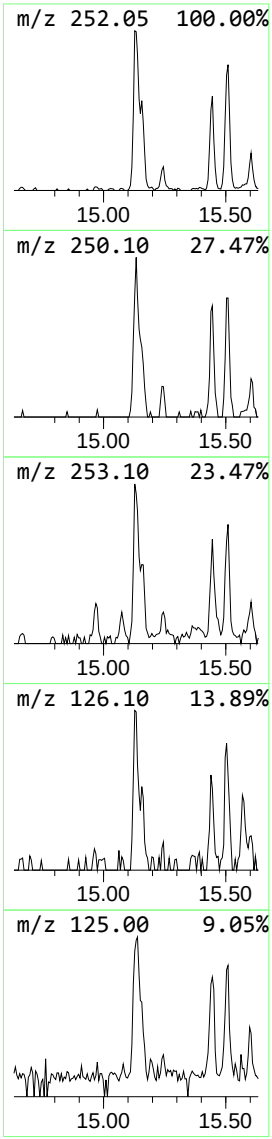
****

Peak Number 5 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	3.20 ng	220985	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[e]pyrene	252	C20H12	000192-97-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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...	2.140	24.2	ng	1172250	1	6.904	967519	20.0
Ethanol, 2-(2-b...	8.086	9.8	ng	636181	2	8.186	1292240	20.0
n-Hexadecanoic ...	11.951	2.9	ng	239476	4	11.433	1663510	20.0
Bromoacetic aci...	13.951	2.3	ng	183315	5	14.074	1565580	20.0
Perylene	15.133	3.2	ng	220985	6	15.574	1382170	20.0