LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134362.D
Acq On : 19 Jul 2023 16:56
Operator : CG\JU
Sample : 03597-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-48-(0-2)

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134362.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	3	9	15	rVB	382307	511706	27.20%	3.627%
2	5.098	507	512	518	rBV	18442	26148	1.39%	0.185%
3	5.481	572	577	590	rBV	1626534	1585905	84.31%	11.241%
4	6.481	742	747	750	rBV	1626853	1566838	83.30%	11.106%
5	6.669	776	779	789	rBV2	16679	29794	1.58%	0.211%
6	6.839	804	808	816	rBV	482031	431990	22.97%	3.062%
7	7.404	899	904	914	rBV	1109387	1030311	54.77%	7.303%
8	8.116	1021	1025	1028	rBV	693746	542259	28.83%	3.844%
9	9.192	1204	1208	1211	rBV	2404522	1881052	100.00%	13.333%
10	9.875	1320	1324	1327	rBV	705603	566669	30.13%	4.017%
11	10.669	1455	1459	1468	rBV	1351472	1141113	60.66%	8.088%
12	11.369	1574	1578	1580	rBV	635039	519722	27.63%	3.684%
13	11.392	1580	1582	1586	rVV	144976	113396	6.03%	0.804%
14	11.433	1586	1589	1594	rVB2	26235	38907	2.07%	0.276%
15	11.898	1665	1668	1675	rVB2	126887	122498	6.51%	0.868%
16	12.592	1782	1786	1789	rBV	289974	245646	13.06%	1.741%
17	12.686	1799	1802	1808	rBV3	22142	30442	1.62%	0.216%
18	12.821	1820	1825	1830	rBV	220736	217316	11.55%	1.540%
19	12.969	1841	1850	1853	rBV	1656547	1522883	80.96%	10.795%
20	13.039	1857	1862	1867	rVB4	15890	28717	1.53%	0.204%
21	13.151	1879	1881	1885	rVB	29215	29521	1.57%	0.209%
22	13.257	1895	1899	1902	rBV2	23261	23340	1.24%	0.165%
23	13.668	1966	1969	1974	rVB	36088	37738	2.01%	0.267%
24	13.780	1982	1988	1990	rBV	37336	40433	2.15%	0.287%
25	13.892	2001	2007	2016	rBV3	49474	124866	6.64%	0.885%
26	14.033	2023	2031	2034	rBV2	520600	618421	32.88%	4.383%
27	14.057	2034	2035	2043	rVV	141660	112999	6.01%	0.801%
28	14.121	2043	2046	2052	rVB2	42796	54832	2.91%	0.389%
29	14.186	2054	2057	2062	rBV6	20263	26404	1.40%	0.187%
30	15.092	2207	2211	2215	rBV	112969	174216	9.26%	1.235%
31	15.162	2220	2223	2227	rVB3	21311	25284	1.34%	0.179%
32	15.410	2261	2265	2272	rVB	61187	77250	4.11%	0.548%
33	15.474	2272	2276	2280	rVV	78718	93146	4.95%	0.660%
34	15.539	2282	2287	2299	rVB	254823	379763	20.19%	2.692%
35	16.015	2364	2368	2373	rVB3	17700	25358	1.35%	0.180%
36	17.086	2545	2550	2558	rVB2	33058	70700	3.76%	0.501%

LSC Area Percent Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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RB-48-(0-2)

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.562	2626	2631	2638	rVB2	20350	40347	2.14%	0.286%

Sum of corrected areas: 14107930

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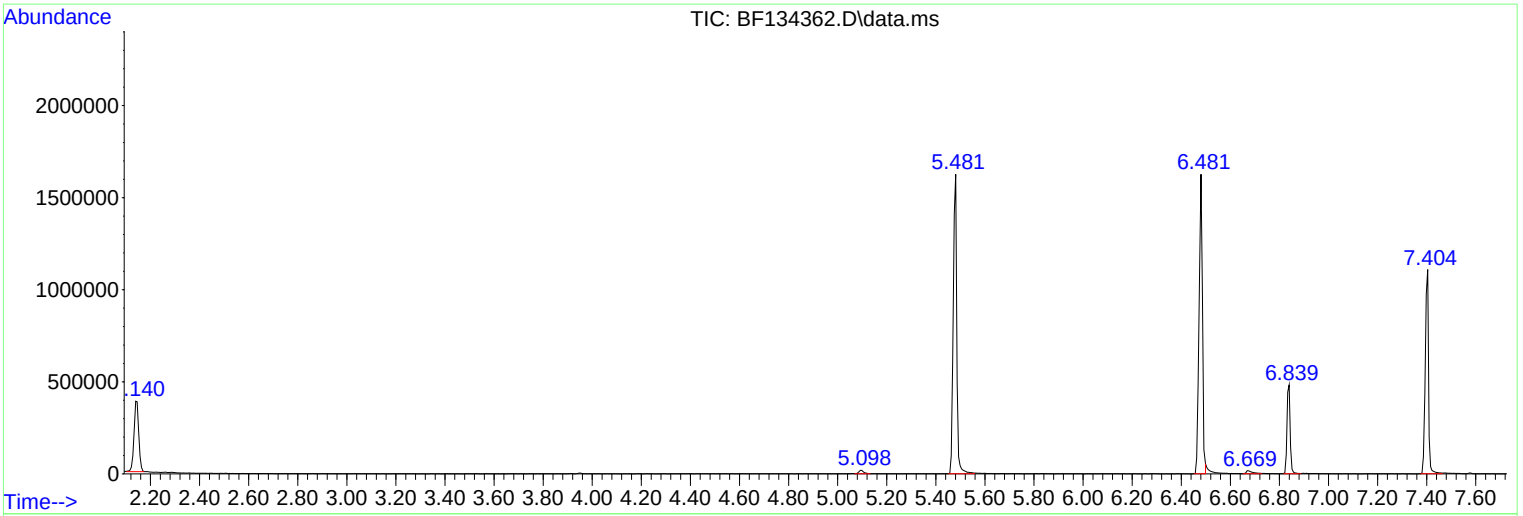
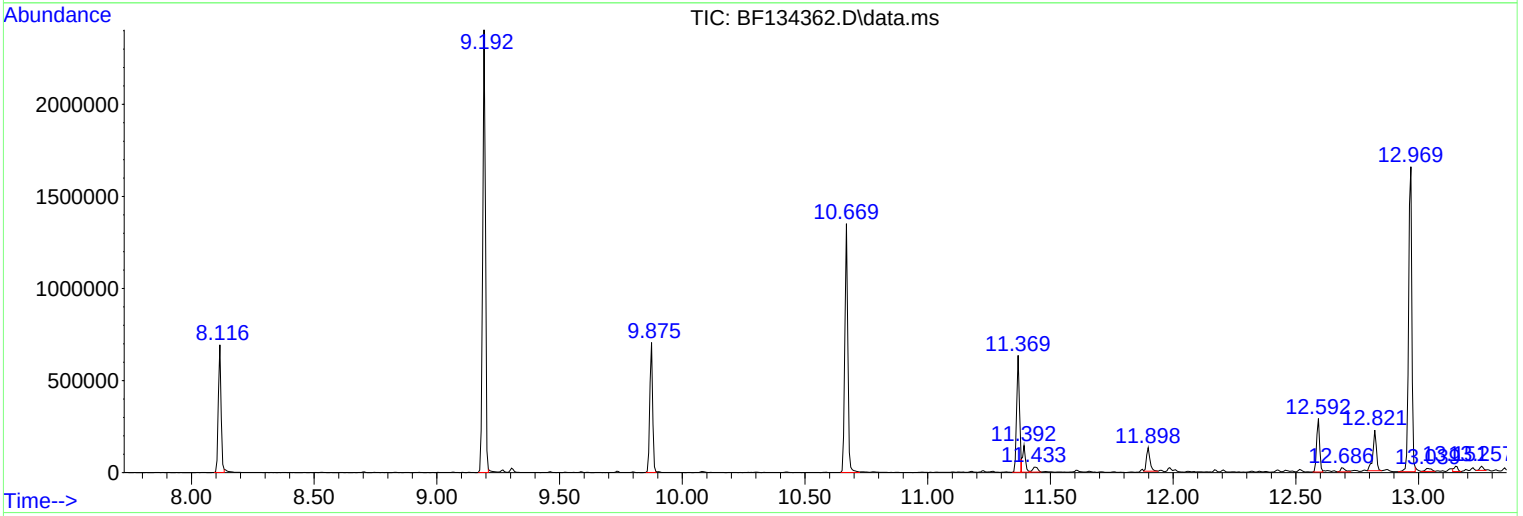
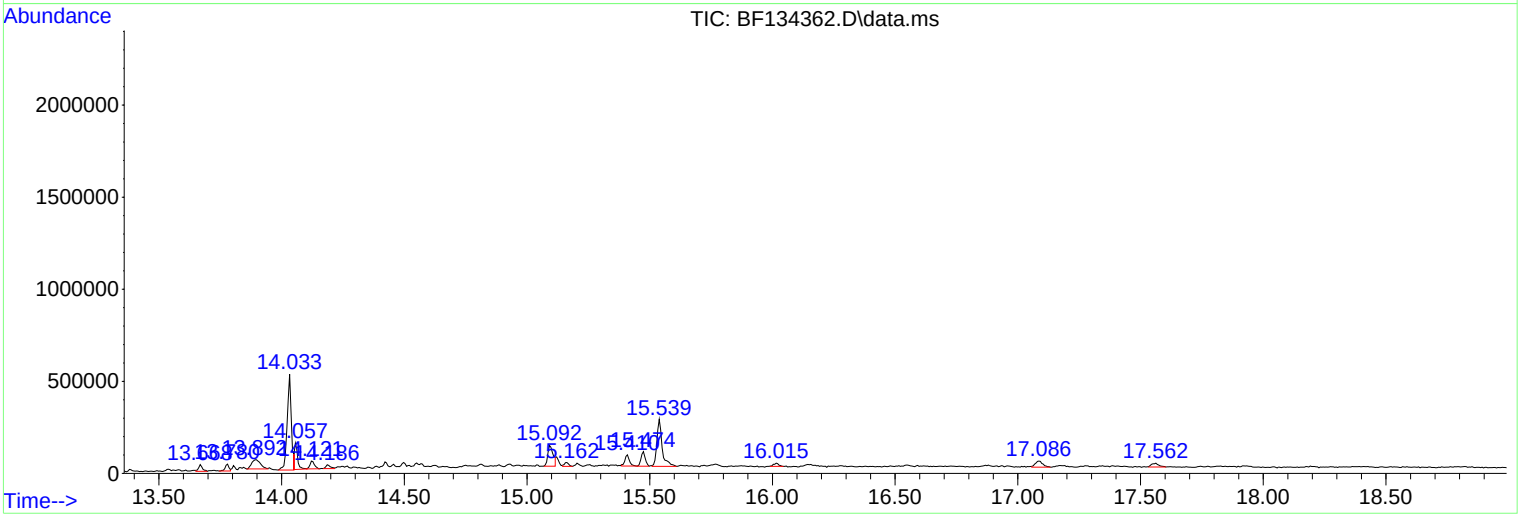
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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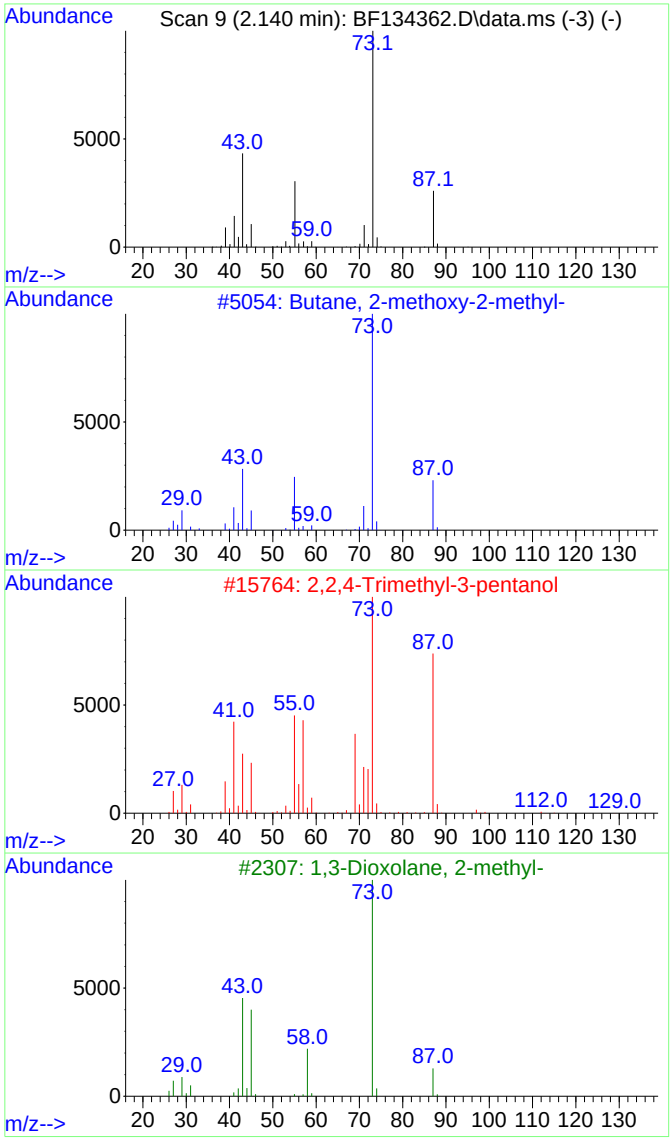
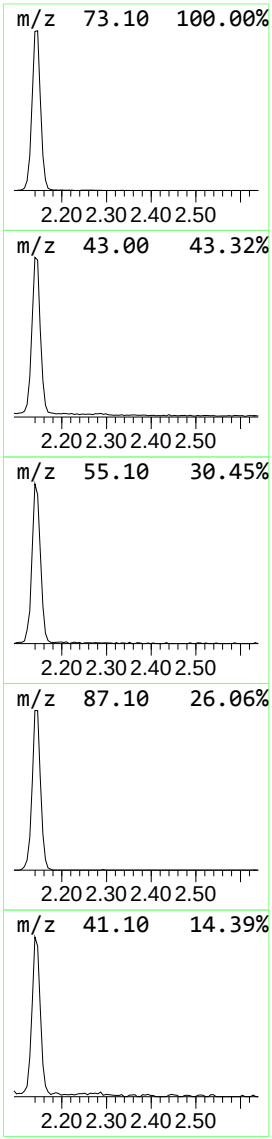
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	23.69 ng	511706	1,4-Dichlorobenzene-d4	6.839

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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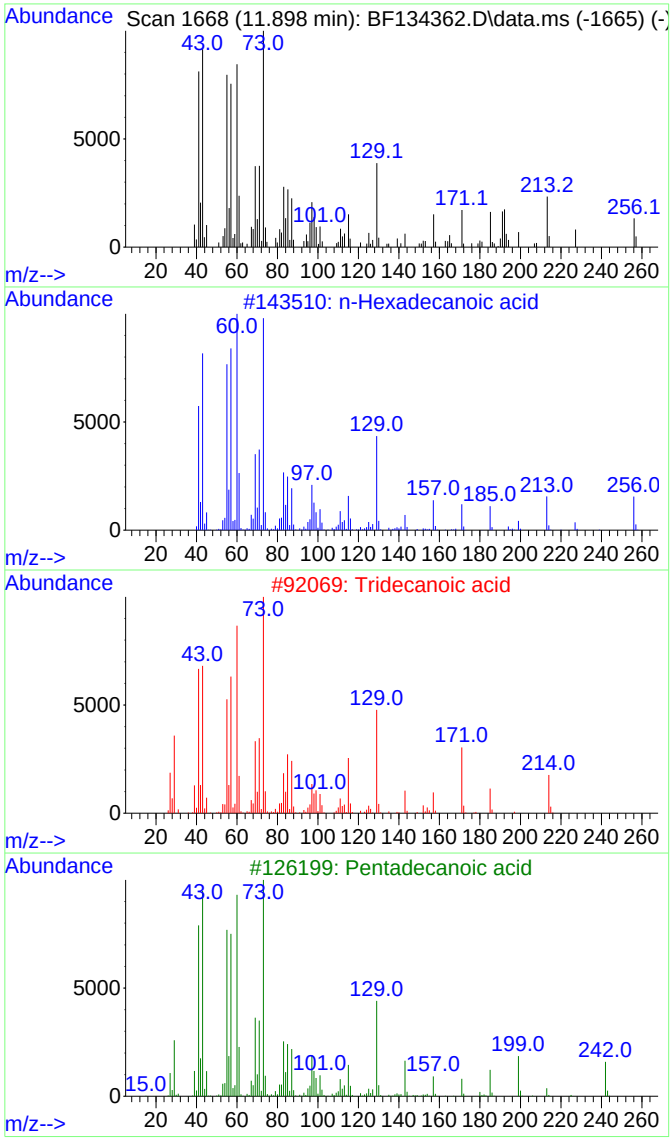
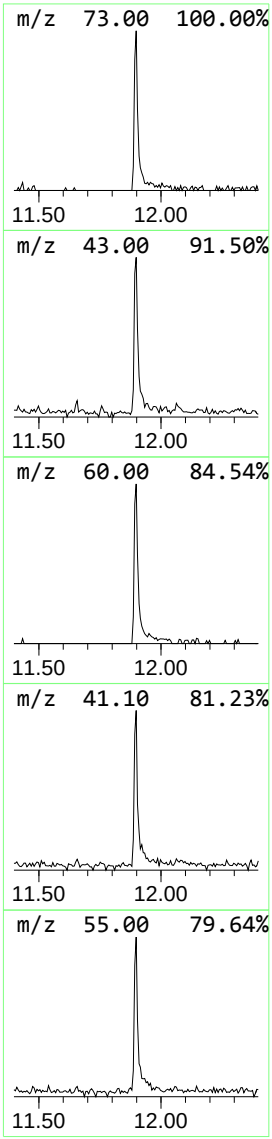
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	4.71 ng	122498	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-48-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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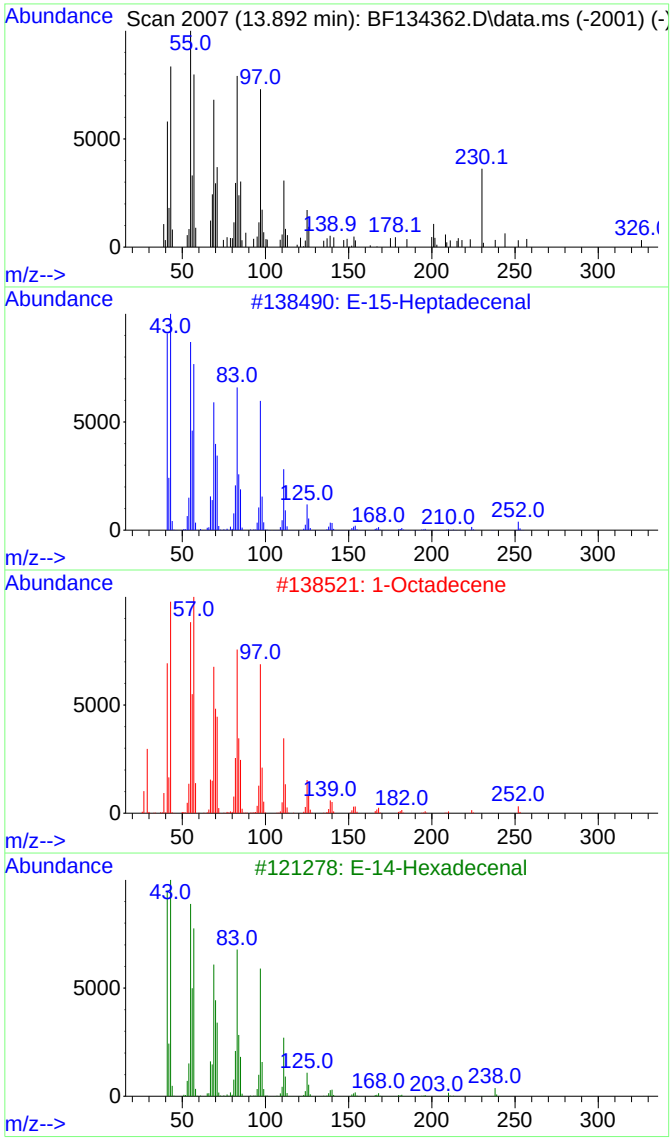
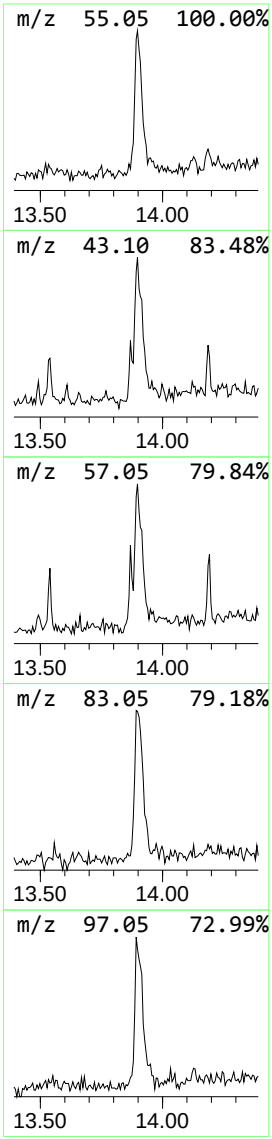
Peak Number 3 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	4.04 ng	124866	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
2	1-Octadecene	252	C18H36	000112-88-9	91
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	89
4	n-Pentadecanol	228	C15H32O	000629-76-5	76
5	1-Heneicosanol	312	C21H44O	015594-90-8	76





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TIC Integration Parameters: LSCINT.P

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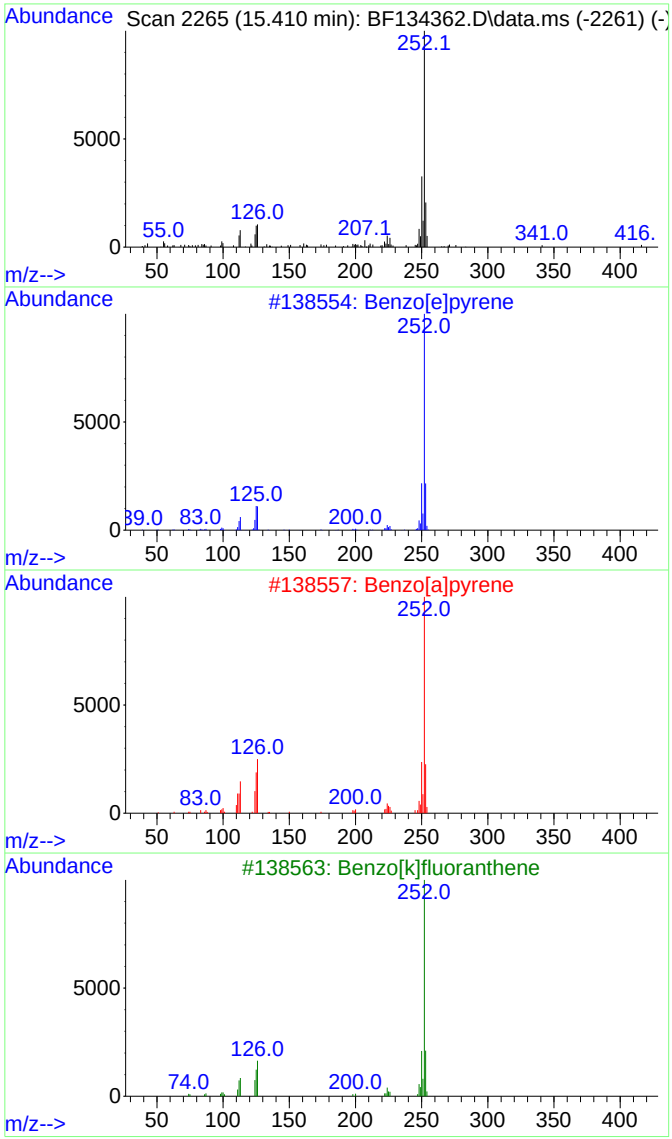
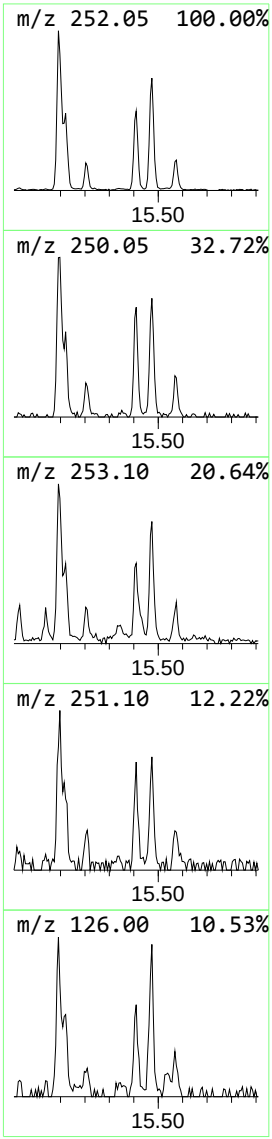
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	4.07 ng	77250	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76





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
Butane, 2-metho...	2.140	23.7	ng	511706	1	6.839	431990	20.0
n-Hexadecanoic ...	11.898	4.7	ng	122498	4	11.369	519722	20.0
E-15-Heptadecenal	13.892	4.0	ng	124866	5	14.033	618421	20.0
Benzo[e]pyrene	15.410	4.1	ng	77250	6	15.539	379763	20.0