LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
Data File : BG060785.D
Acq On : 4 Apr 2024 19:37
Operator : MA/JU
Sample : P1974-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-3

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_G\Methods\8270-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060785.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.091	12	17	26	rBV5	18038	50888	1.49%	0.259%
2	3.179	26	32	49	rVB	364593	645961	18.97%	3.285%
3	3.690	114	119	126	rBV	56235	82634	2.43%	0.420%
4	5.541	425	434	443	rBV	1088895	1722865	50.60%	8.761%
5	7.115	694	702	713	rBV	1050307	1756168	51.57%	8.930%
6	7.956	837	845	852	rBV	283944	461246	13.55%	2.345%
7	9.107	1032	1041	1049	rBV	625311	1075539	31.59%	5.469%
8	10.523	1276	1282	1290	rBV2	28594	47177	1.39%	0.240%
9	10.752	1312	1321	1327	rBV	354857	627460	18.43%	3.191%
10	13.208	1731	1739	1747	rBV	1183352	1842160	54.10%	9.368%
11	14.583	1964	1973	1984	rBV2	573288	911218	26.76%	4.634%
12	16.070	2218	2226	2240	rBV	1363367	2112386	62.03%	10.742%
13	17.327	2433	2440	2445	rBV	771657	1180321	34.66%	6.002%
14	17.368	2445	2447	2452	rVB	46332	59334	1.74%	0.302%
15	18.238	2591	2595	2603	rVB2	130684	192558	5.65%	0.979%
16	19.383	2785	2790	2796	rVB	104899	152368	4.47%	0.775%
17	19.513	2809	2812	2819	rBV2	45402	69061	2.03%	0.351%
18	19.742	2843	2851	2858	rBV	103111	180112	5.29%	0.916%
19	19.953	2881	2887	2895	rBV	2579418	3405193	100.00%	17.316%
20	21.275	3108	3112	3123	rVB3	129632	198458	5.83%	1.009%
21	21.593	3159	3166	3172	rBV	841060	1396643	41.02%	7.102%
22	22.450	3308	3312	3317	rBV7	22742	38130	1.12%	0.194%
23	23.931	3560	3564	3569	rBV8	18538	38026	1.12%	0.193%
24	24.730	3691	3700	3713	rVB	515920	1419410	41.68%	7.218%

Sum of corrected areas: 19665316

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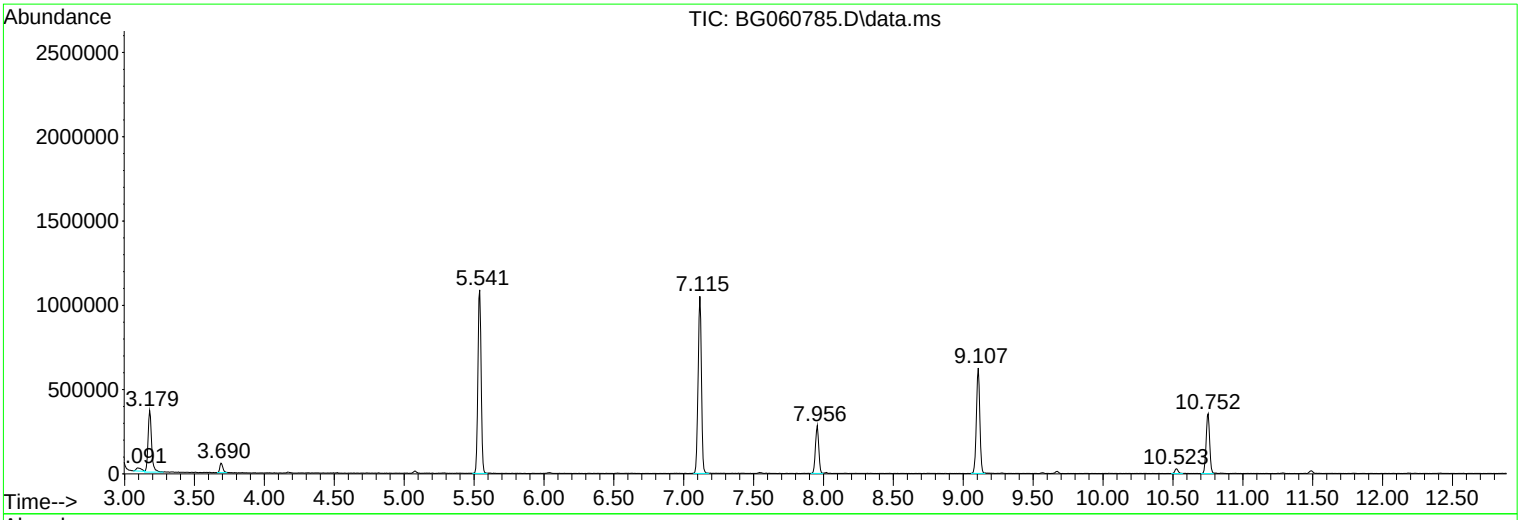
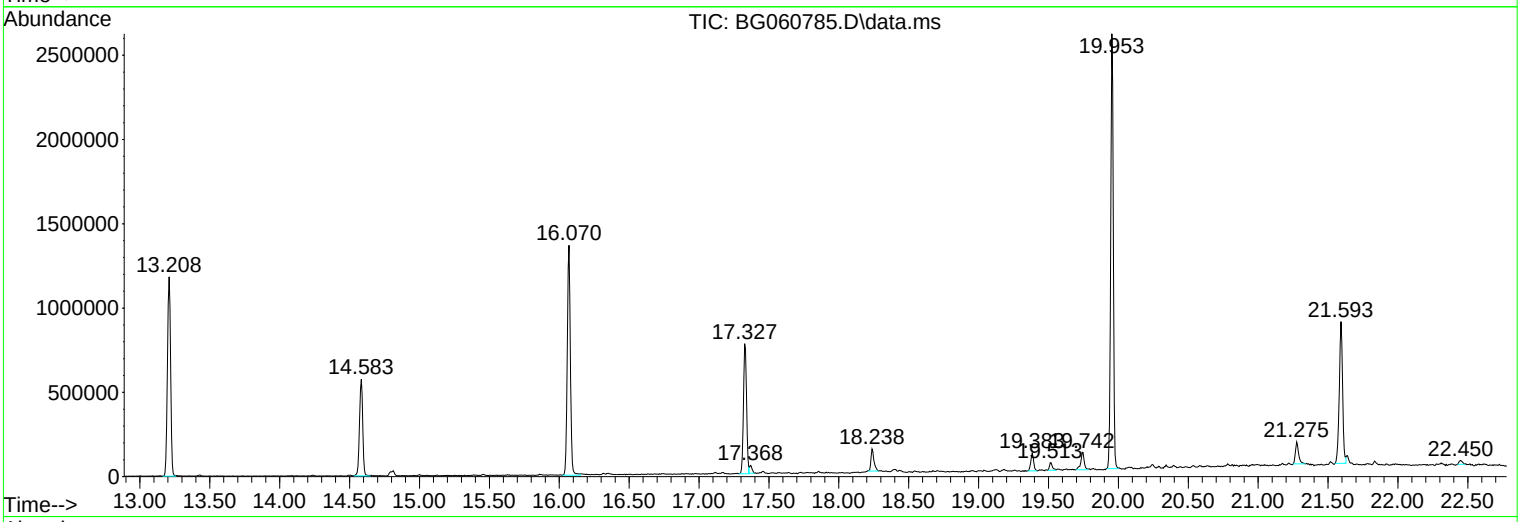
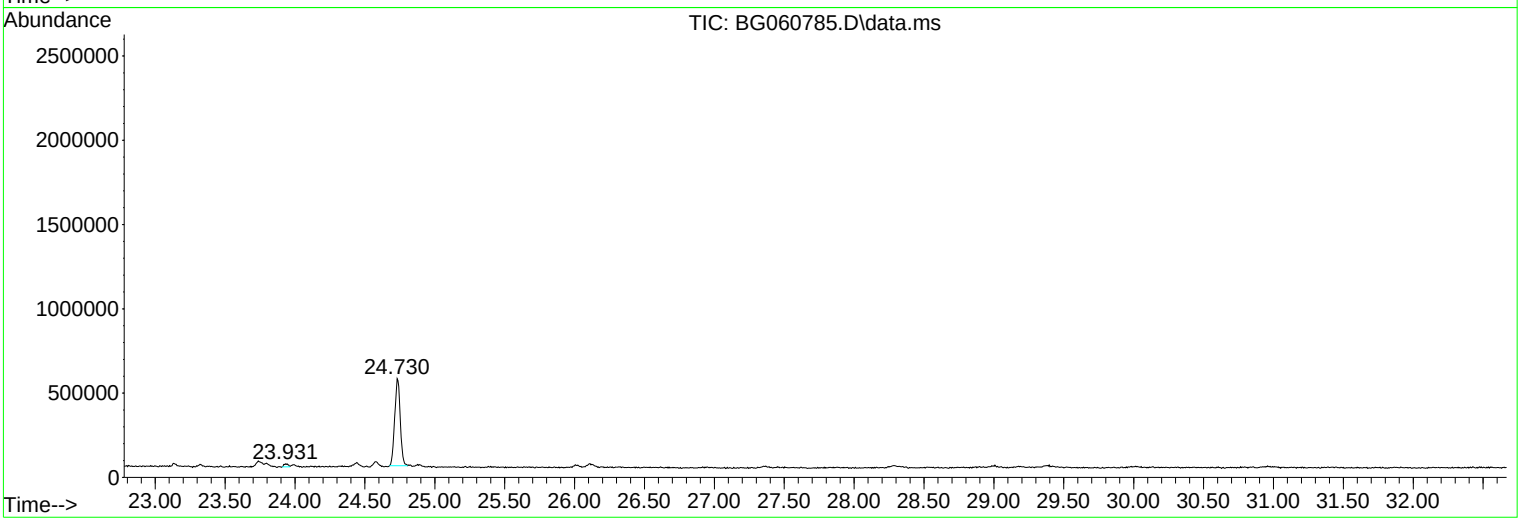
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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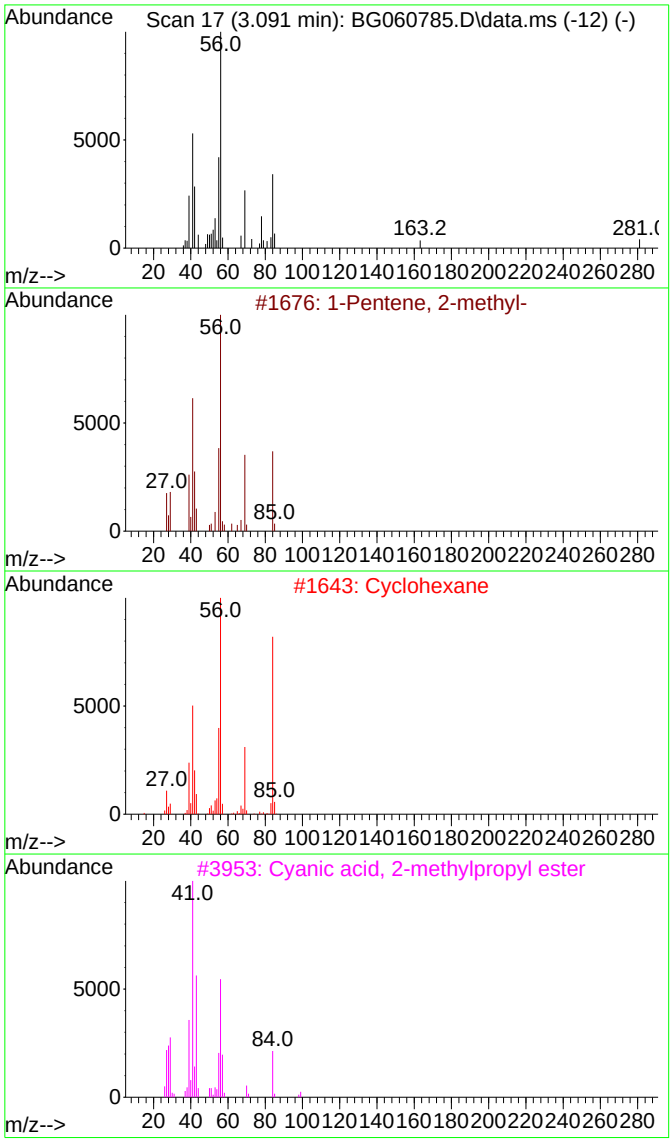
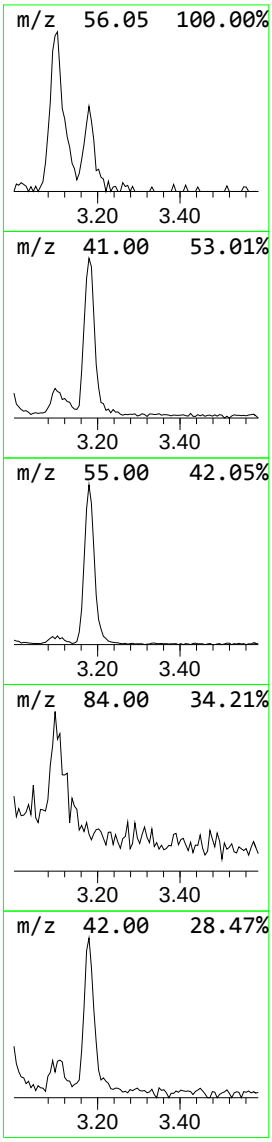
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.091	2.21 ng	50888	1,4-Dichlorobenzene-d4	7.956

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
2	Cyclohexane	84	C6H12	000110-82-7	64
3	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5	Chloroacetic acid, hexyl ester	178	C8H15ClO2	005927-57-1	45





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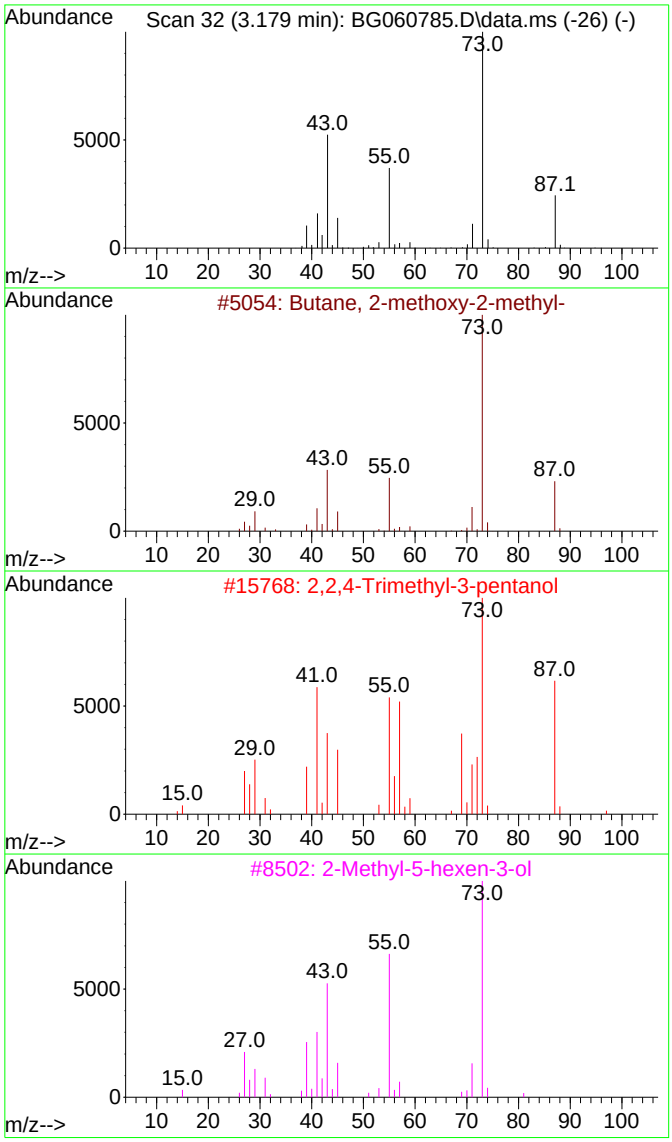
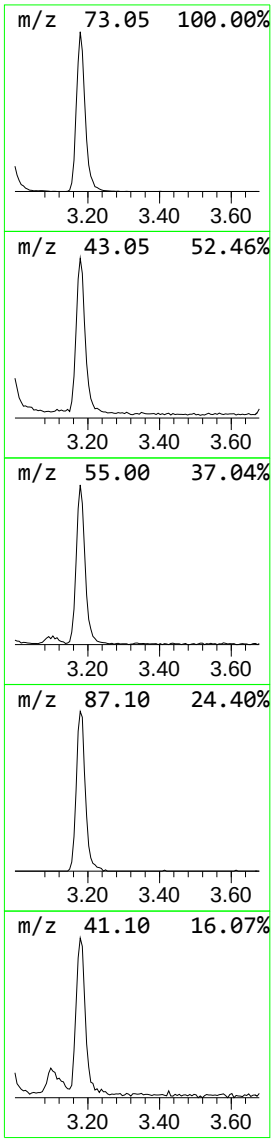
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.179	28.01 ng	645961	1,4-Dichlorobenzene-d4	7.956

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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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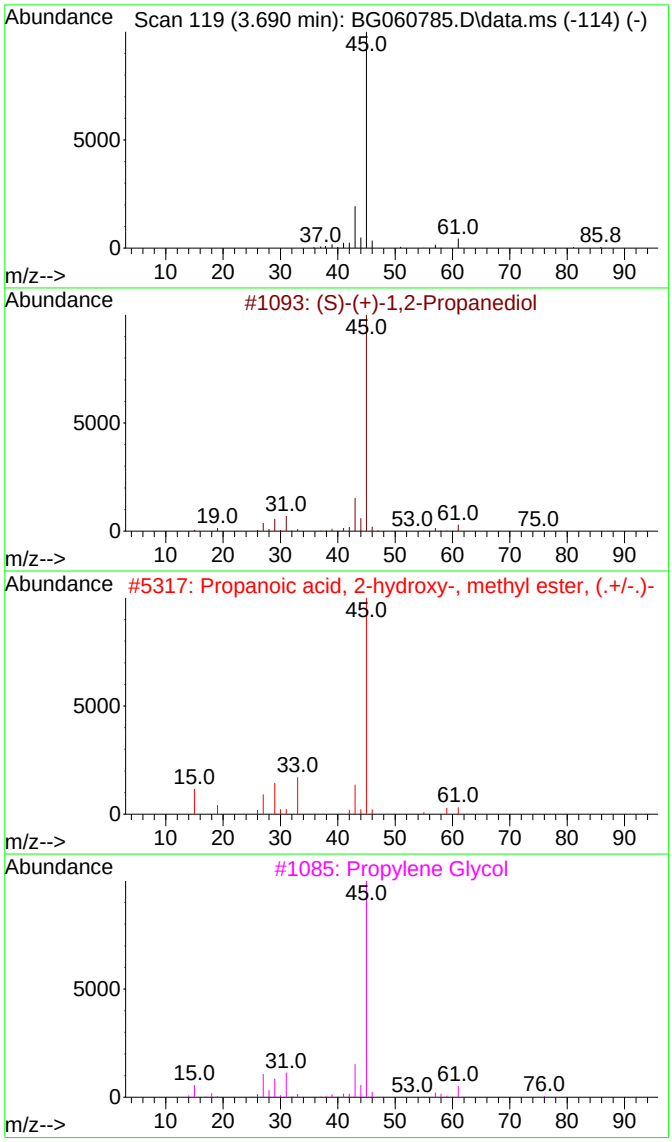
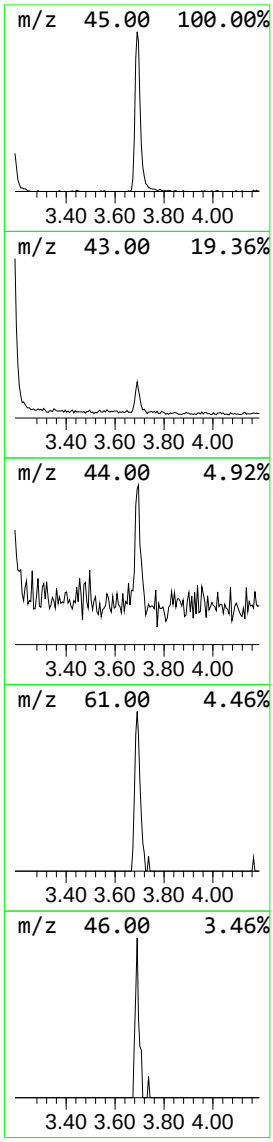
Peak Number 3 unknown3.690 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.690	3.58 ng	82634	1,4-Dichlorobenzene-d4	7.956

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
2	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	Formamide	45	CH3NO	000075-12-7	7
5	Ethyl ether	74	C4H10O	000060-29-7	4





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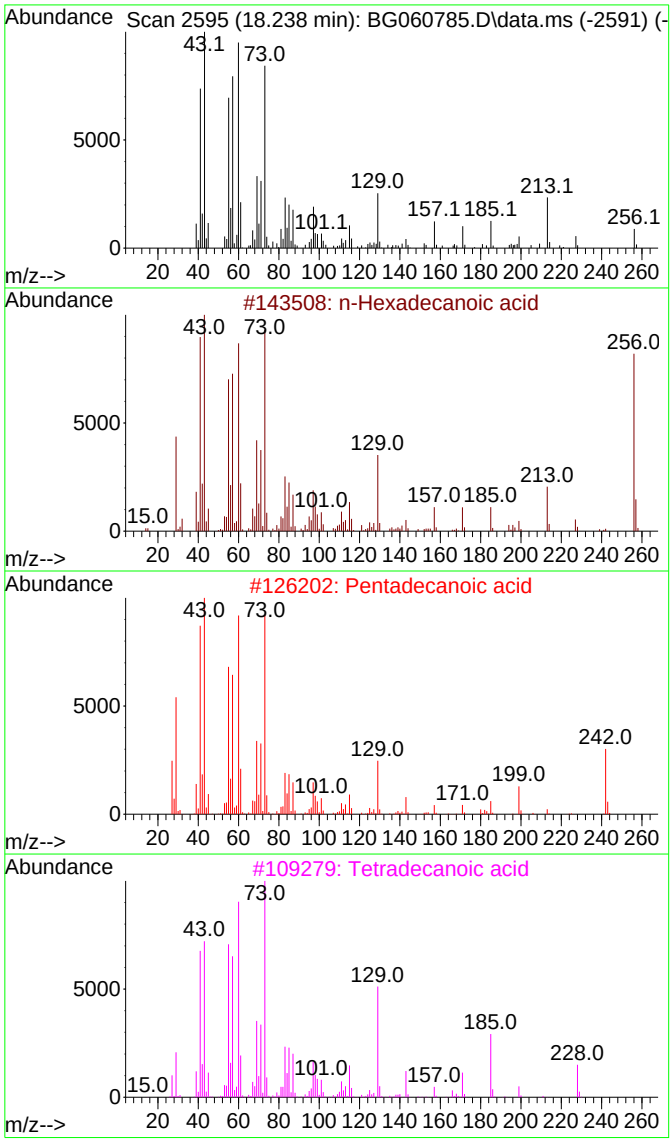
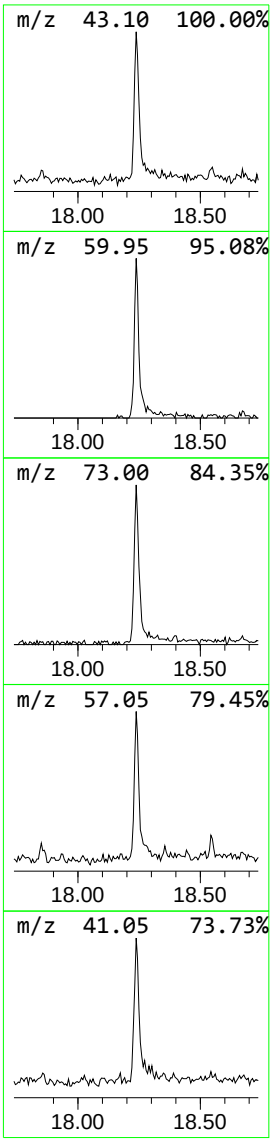
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.238	3.26 ng	192558	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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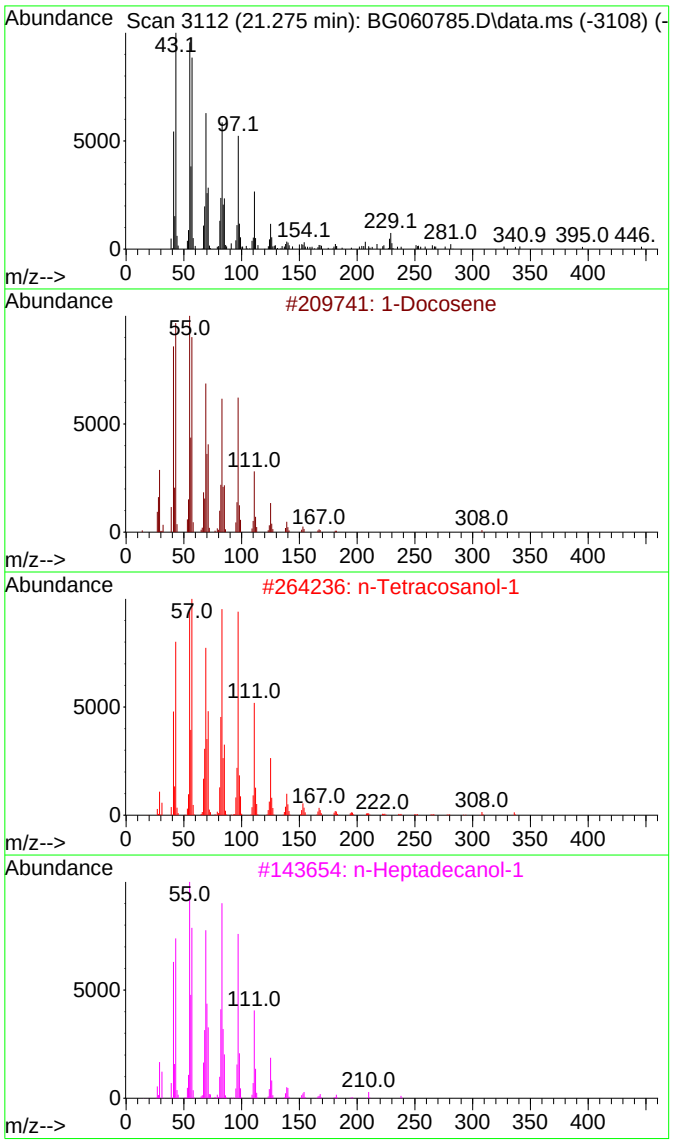
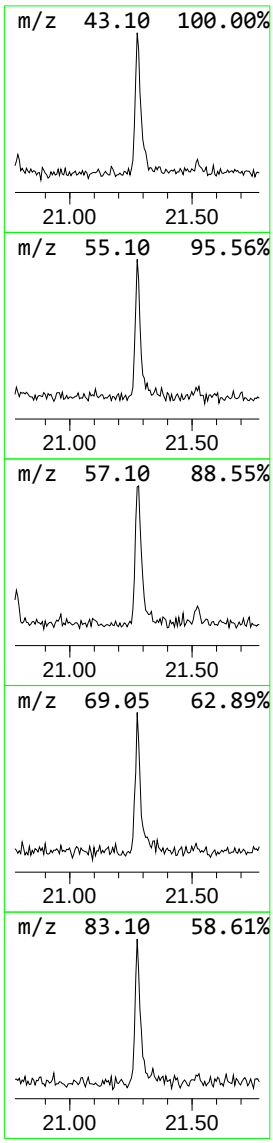
Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.275	2.84 ng	198458	Chrysene-d12	21.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-me...	3.091	2.2	ng	50888	1	7.956	461246	20.0
Butane, 2-metho...	3.179	28.0	ng	645961	1	7.956	461246	20.0
unknown3.690	3.690	3.6	ng	82634	1	7.956	461246	20.0
n-Hexadecanoic ...	18.238	3.3	ng	192558	4	17.327	1180320	20.0
1-Docosene	21.275	2.8	ng	198458	5	21.593	1396640	20.0