LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
Data File : BG060781.D
Acq On : 4 Apr 2024 16:53
Operator : MA/JU
Sample : P1974-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-1

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: BG060781.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.099	14	19	27	rVV5	21722	50565	1.60%	0.289%
2	3.175	27	32	49	rVB	373984	623876	19.73%	3.562%
3	3.686	115	119	128	rBV	39672	61266	1.94%	0.350%
4	5.537	427	434	445	rBV	890533	1383657	43.75%	7.900%
5	7.112	695	702	713	rBV	845269	1437130	45.44%	8.206%
6	7.952	837	845	852	rBV	248991	418445	13.23%	2.389%
7	9.104	1033	1041	1050	rBV	491439	870170	27.51%	4.968%
8	10.525	1278	1283	1289	rBV3	26026	40997	1.30%	0.234%
9	10.749	1313	1321	1329	rBV	310046	555947	17.58%	3.174%
10	11.489	1438	1447	1453	rBV2	17845	31874	1.01%	0.182%
11	13.211	1732	1740	1749	rBV	1106538	1732462	54.78%	9.892%
12	14.585	1964	1974	1981	rBV	516539	819955	25.93%	4.682%
13	16.072	2219	2227	2240	rBV	1166904	1802669	57.00%	10.293%
14	17.329	2435	2441	2448	rBV	749502	1106150	34.98%	6.316%
15	18.240	2590	2596	2607	rBV	134758	213937	6.76%	1.222%
16	19.380	2786	2790	2795	rBV3	20481	32713	1.03%	0.187%
17	19.515	2809	2813	2817	rBV3	36491	50988	1.61%	0.291%
18	19.956	2882	2888	2899	rBV	2431125	3162537	100.00%	18.057%
19	21.278	3108	3113	3121	rBV	155092	258274	8.17%	1.475%
20	21.595	3160	3167	3179	rVB2	781354	1311095	41.46%	7.486%
21	21.836	3206	3208	3212	rVB2	28550	33447	1.06%	0.191%
22	22.447	3308	3312	3315	rBV4	30154	55400	1.75%	0.316%
23	23.381	3467	3471	3479	rVB7	32666	67139	2.12%	0.383%
24	24.738	3692	3702	3713	rVB	501848	1393045	44.05%	7.954%

Sum of corrected areas: 17513738

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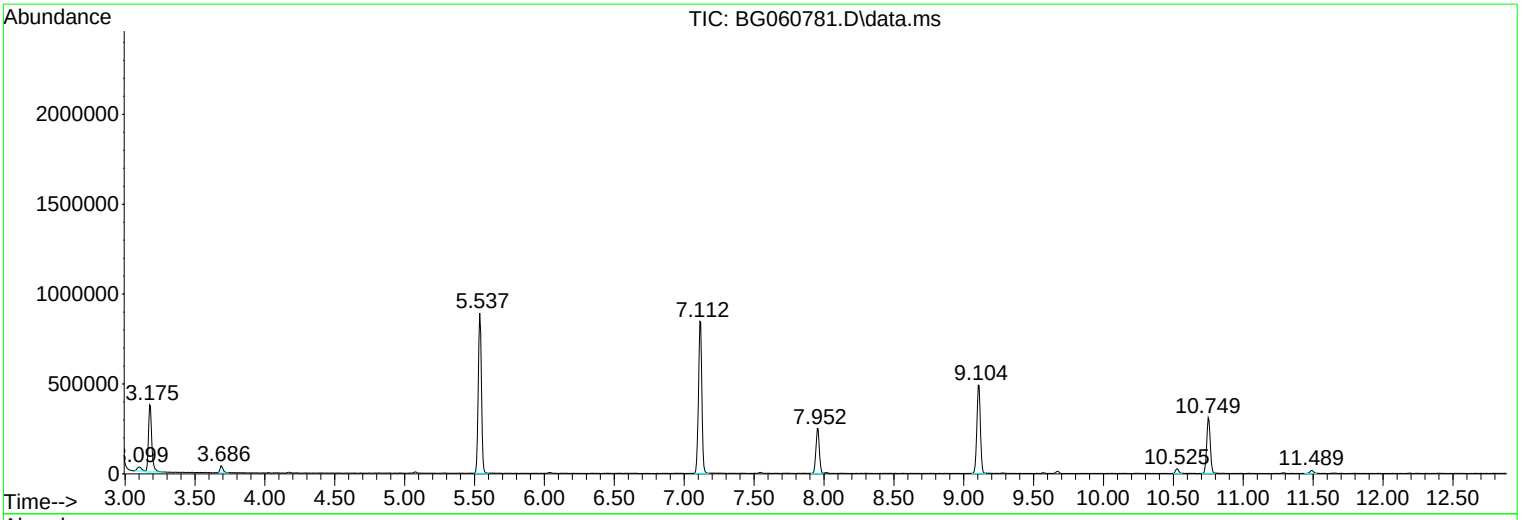
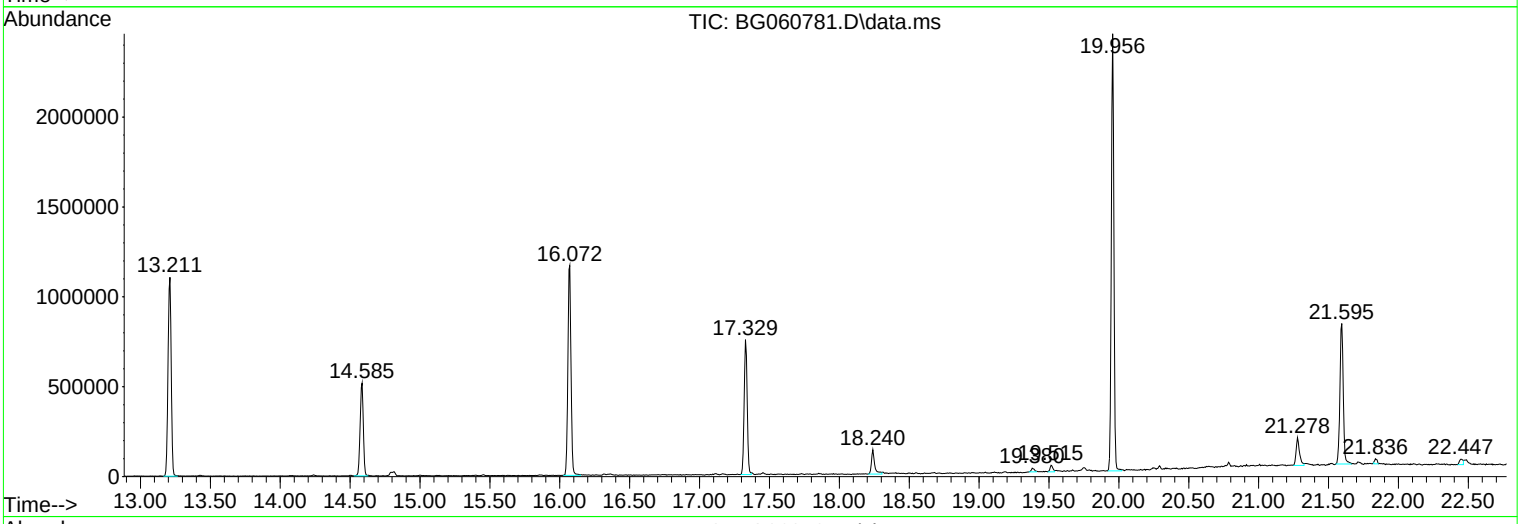
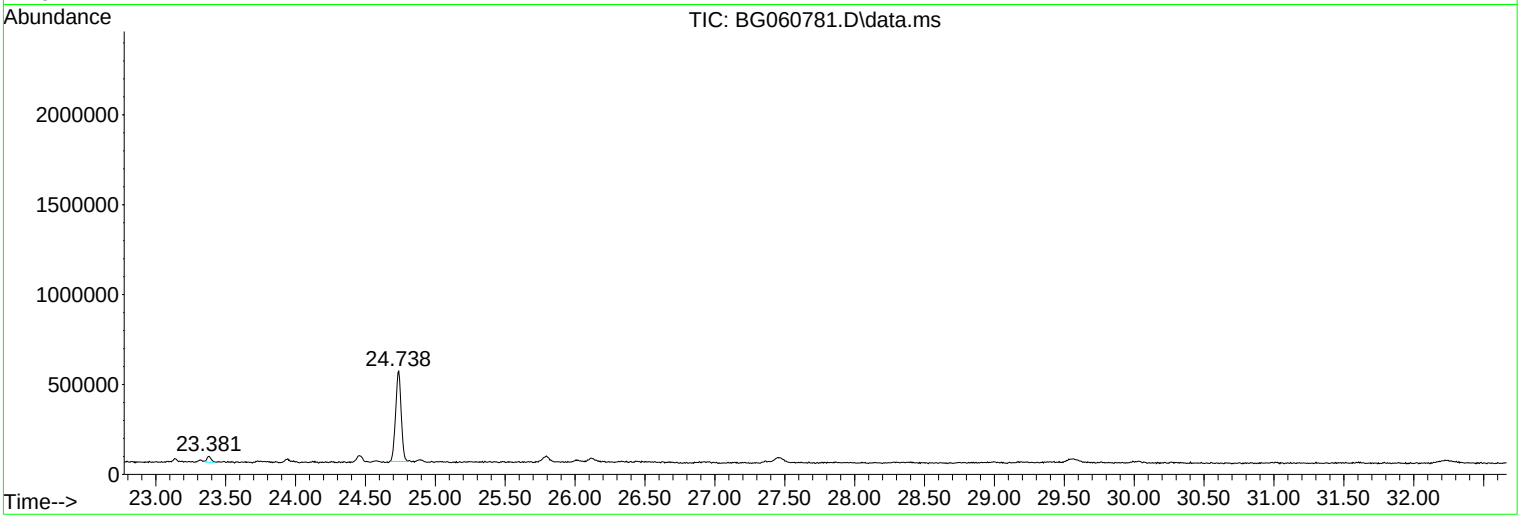
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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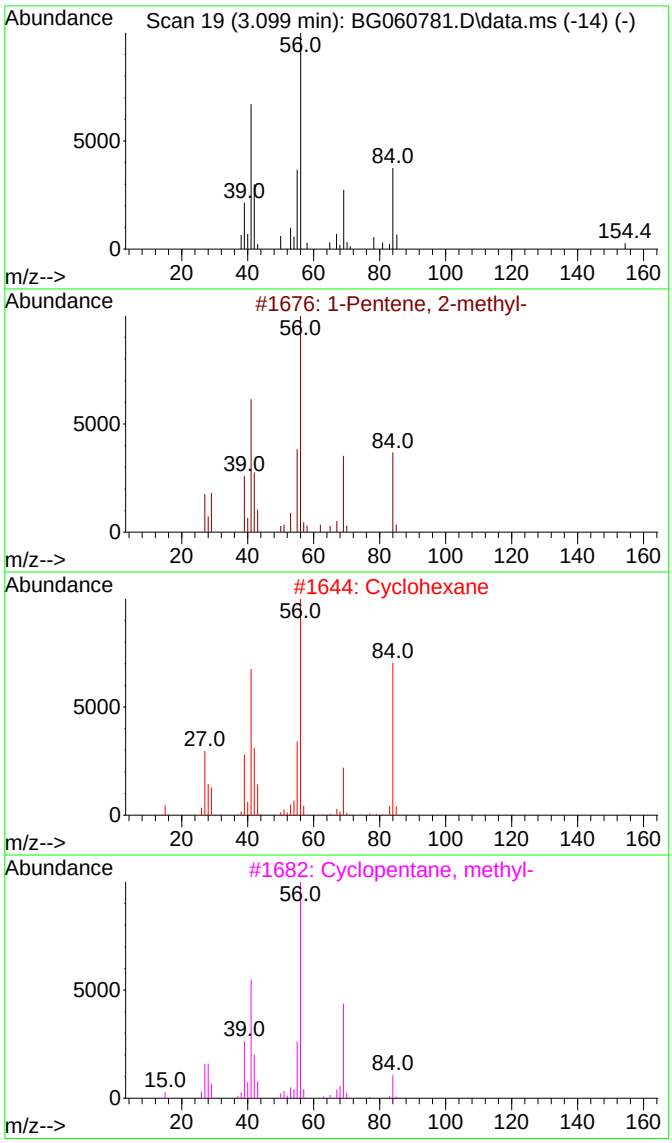
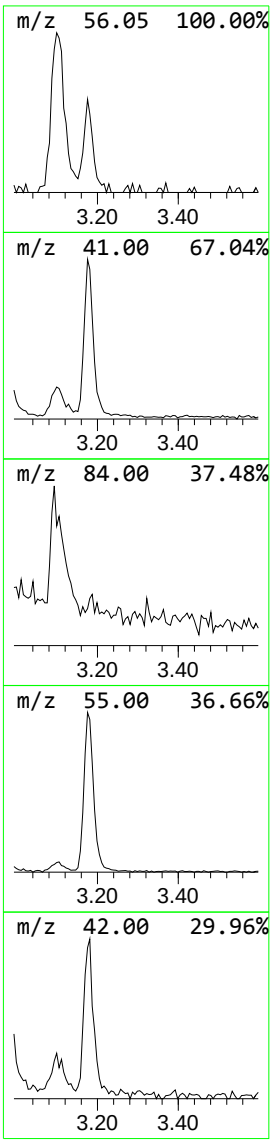
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.099	2.42 ng	50565	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
2	Cyclohexane	84	C6H12	000110-82-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53





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ClientSampleId :
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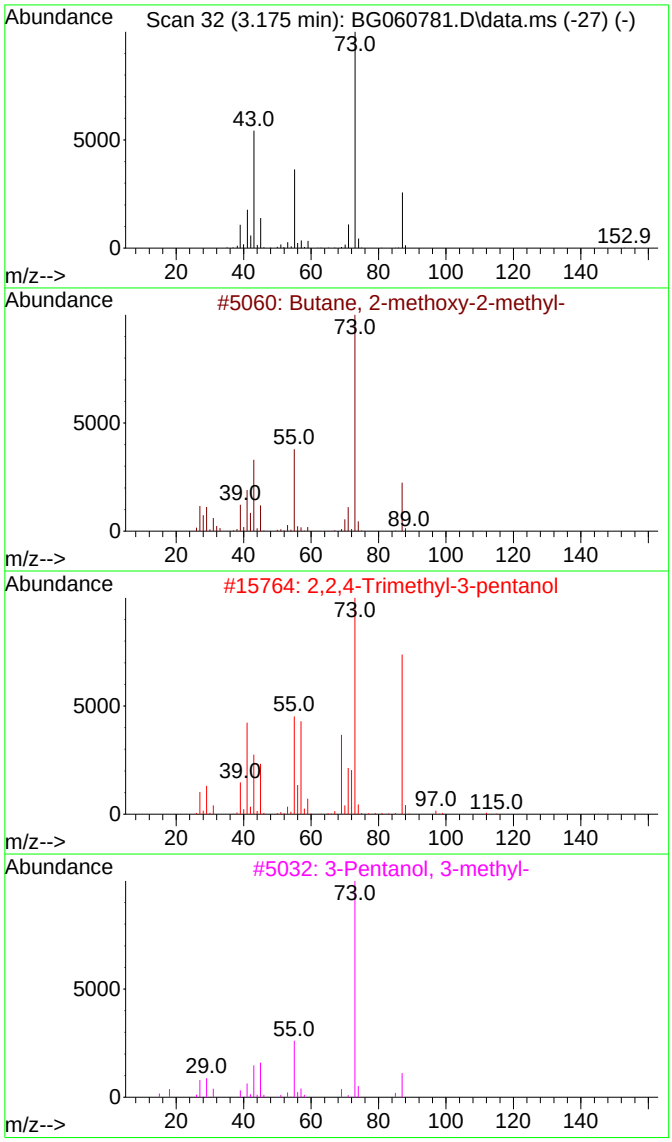
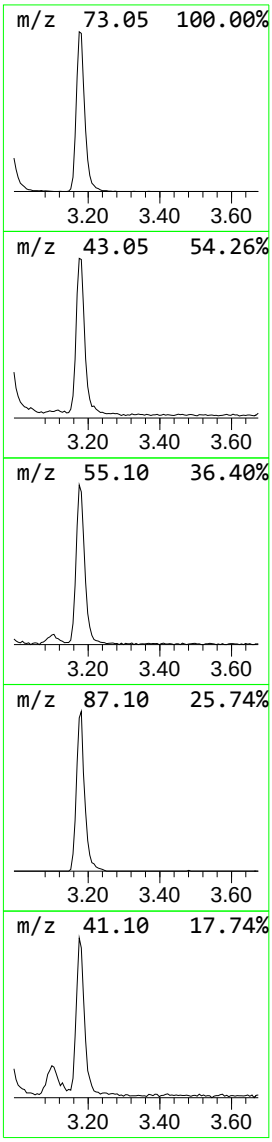
****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.175	29.82 ng	623876	1,4-Dichlorobenzene-d4	7.958

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, 3-methyl-	102	C6H14O	000077-74-7	33
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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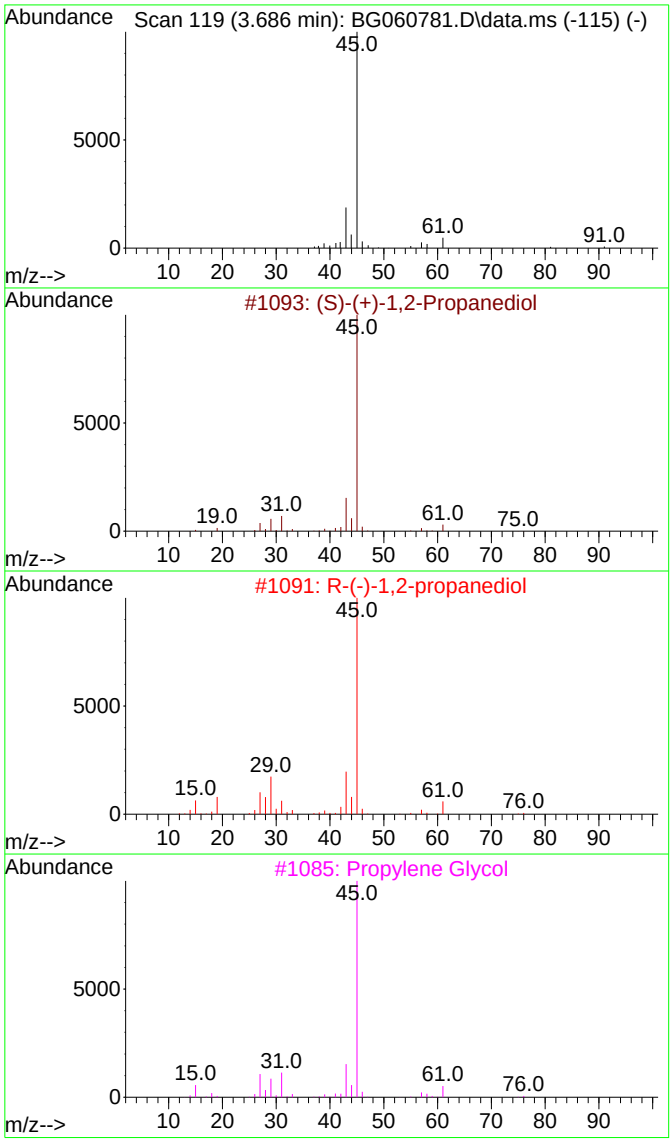
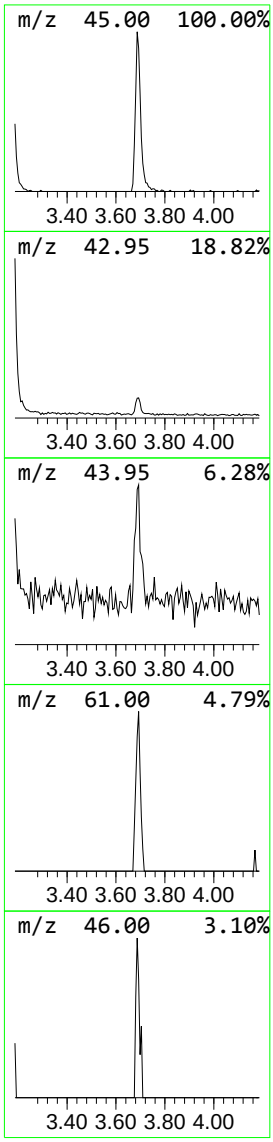
Peak Number 3 (S)-(+)-1,2-Propanediol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.686	2.93 ng	61266	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
3	Propylene Glycol	76	C3H8O2	000057-55-6	43
4	2-Pentanol	88	C5H12O	006032-29-7	9
5	Hexane, 1-methoxy-	116	C7H16O	004747-07-3	9





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
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TIC Library : C:\Database\NIST20.L
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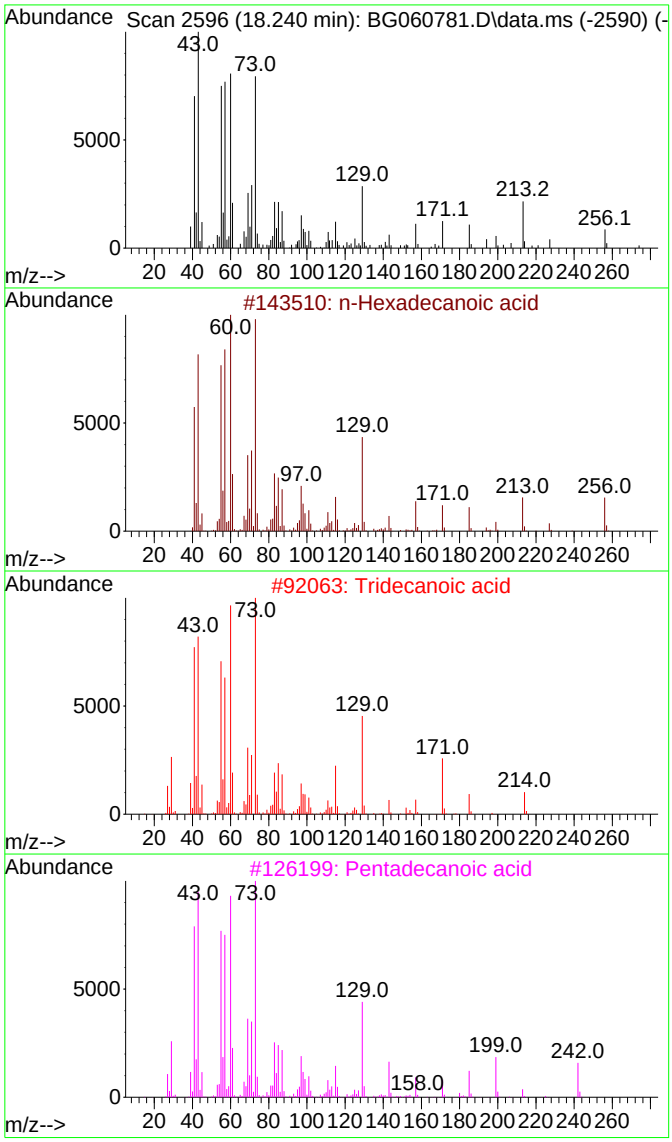
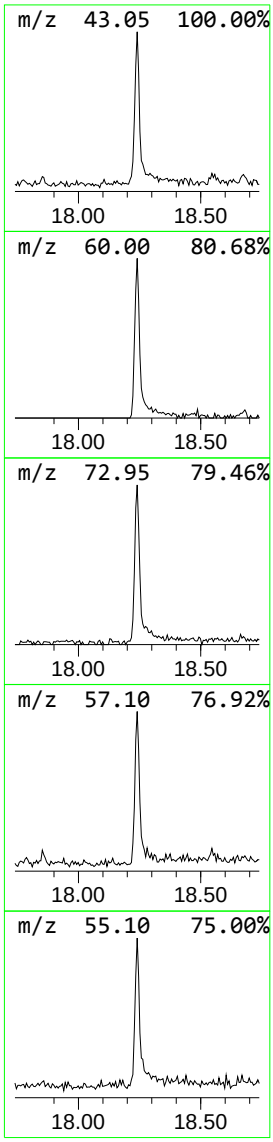
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	3.87 ng	213937	Phenanthrene-d10	17.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	62





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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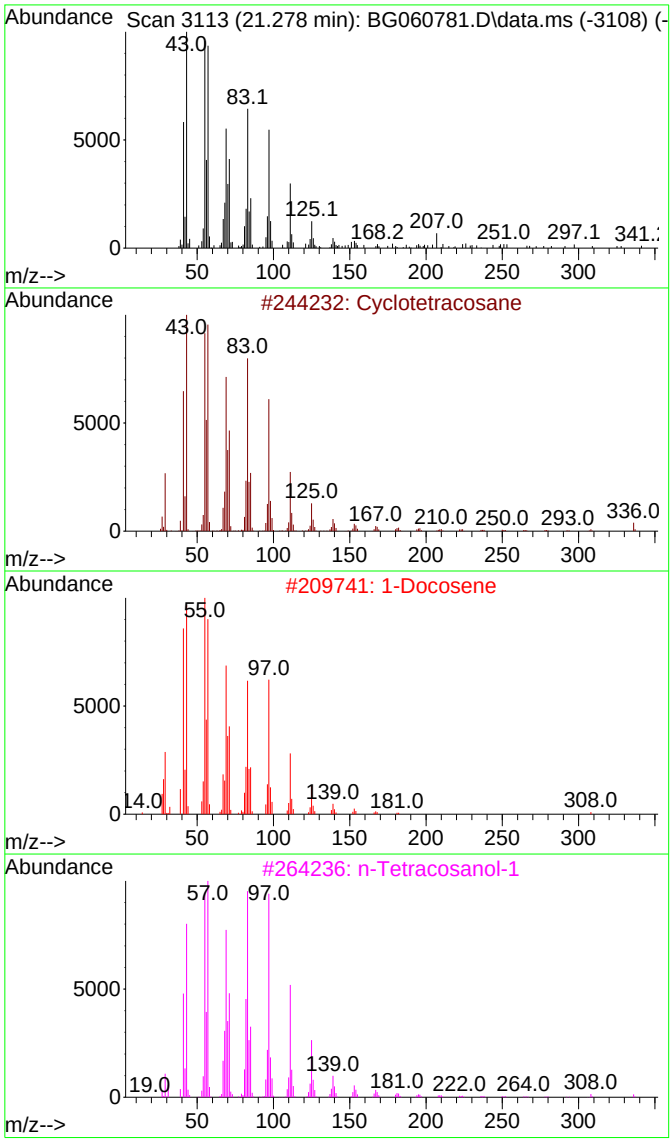
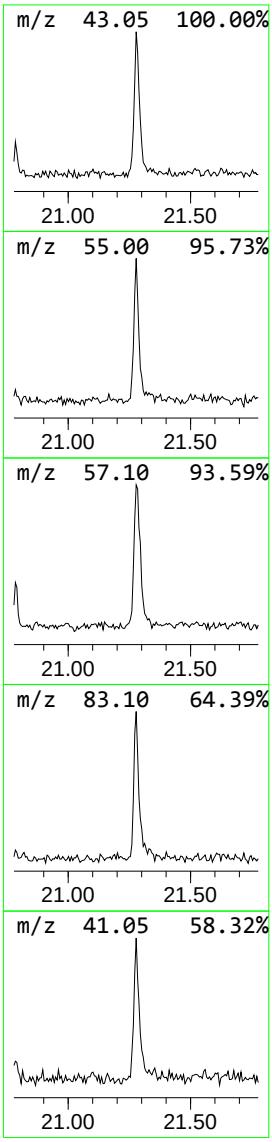
Peak Number 5 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.278	3.94 ng	258274	Chrysene-d12	21.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	1-Docosene	308	C22H44	001599-67-3	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	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...	3.099	2.4	ng	50565	1	7.958	418445	20.0
Butane, 2-metho...	3.175	29.8	ng	623876	1	7.958	418445	20.0
(S)-(+)-1,2-Pro...	3.686	2.9	ng	61266	1	7.958	418445	20.0
n-Hexadecanoic ...	18.240	3.9	ng	213937	4	17.329	1106150	20.0
Cyclotetracosane	21.278	3.9	ng	258274	5	21.595	1311100	20.0