LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
Data File : BG060235.D
Acq On : 3 Jan 2024 20:21
Operator : MA/JU
Sample : 05994-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-C-COMP

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-BG122923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060235.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	3	5	11	rVB	419400	441700	2.64%	0.548%
2	5.508	403	412	426	rBV	4263980	6667777	39.92%	8.278%
3	7.100	673	683	701	rBV	4338040	7479034	44.78%	9.286%
4	7.934	819	825	833	rBV	680287	1151327	6.89%	1.429%
5	9.098	1015	1023	1041	rBV	2497105	4443163	26.60%	5.516%
6	10.737	1294	1302	1313	rBV	991213	1746547	10.46%	2.168%
7	13.193	1711	1720	1737	rBV	7073315	11296577	67.63%	14.025%
8	14.574	1947	1955	1963	rBV	1857627	2842640	17.02%	3.529%
9	16.060	2201	2208	2222	rBV	5954525	9314625	55.77%	11.565%
10	17.318	2416	2422	2429	rBV	2382043	3692062	22.11%	4.584%
11	17.694	2481	2486	2495	rBV	291343	416115	2.49%	0.517%
12	18.211	2568	2574	2584	rBV	736391	1146226	6.86%	1.423%
13	18.634	2642	2646	2651	rBV2	393336	462486	2.77%	0.574%
14	19.374	2767	2772	2779	rBV	139344	217009	1.30%	0.269%
15	19.738	2831	2834	2842	rVB	144620	200573	1.20%	0.249%
16	19.944	2862	2869	2876	rBV	12159214	16702311	100.00%	20.737%
17	21.231	3083	3088	3096	rBV	1271440	1843765	11.04%	2.289%
18	21.583	3141	3148	3163	rBV	2416192	4232853	25.34%	5.255%
19	21.777	3177	3181	3184	rBV3	179511	318220	1.91%	0.395%
20	22.394	3279	3286	3296	rBV6	288816	707007	4.23%	0.878%
21	23.246	3427	3431	3436	rVB2	97830	168828	1.01%	0.210%
22	23.857	3530	3535	3539	rVB3	101146	187823	1.12%	0.233%
23	24.762	3679	3689	3699	rBV	1584166	4535398	27.15%	5.631%
24	26.025	3899	3904	3915	rVB7	125620	330911	1.98%	0.411%

Sum of corrected areas: 80544977

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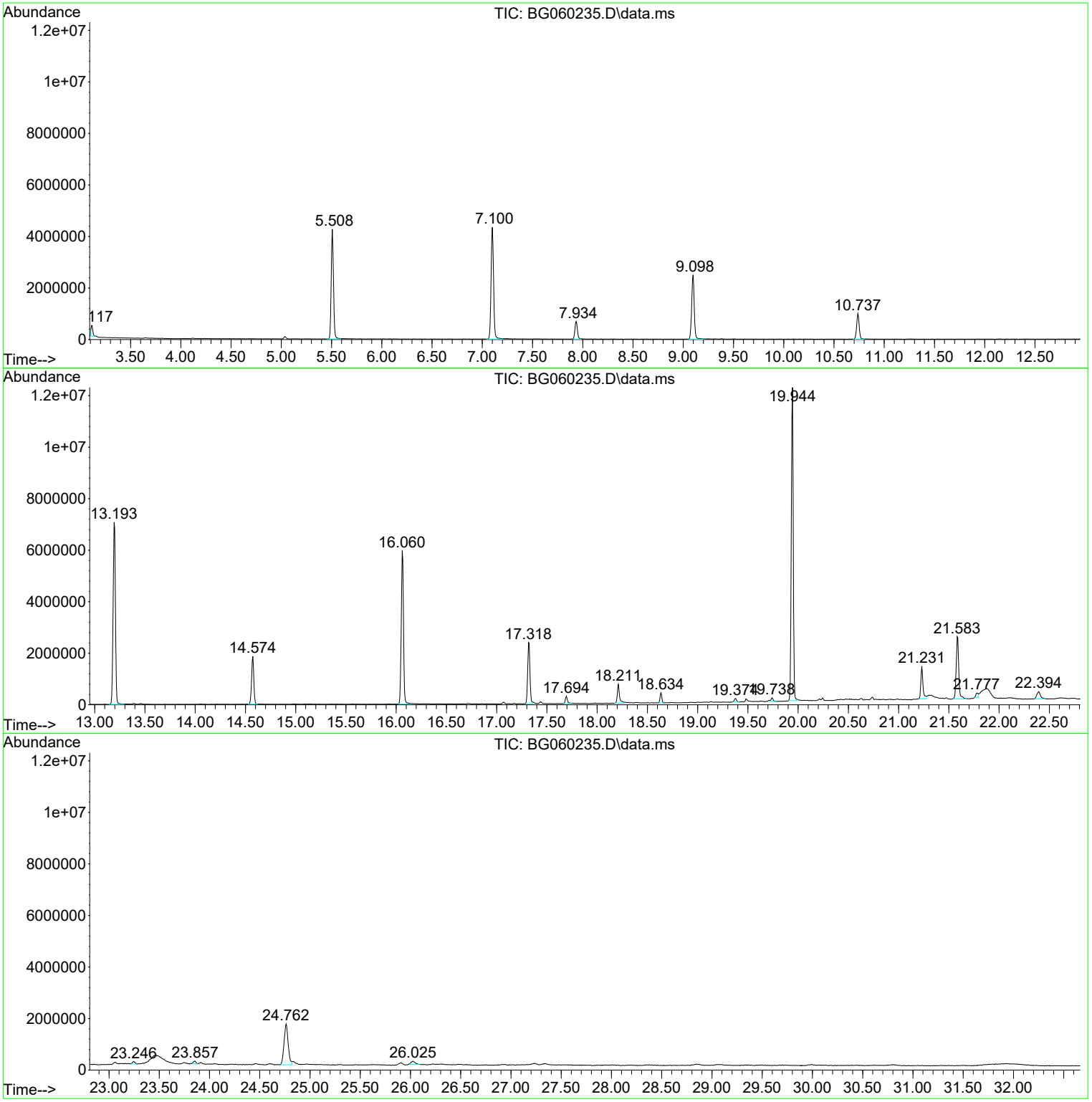
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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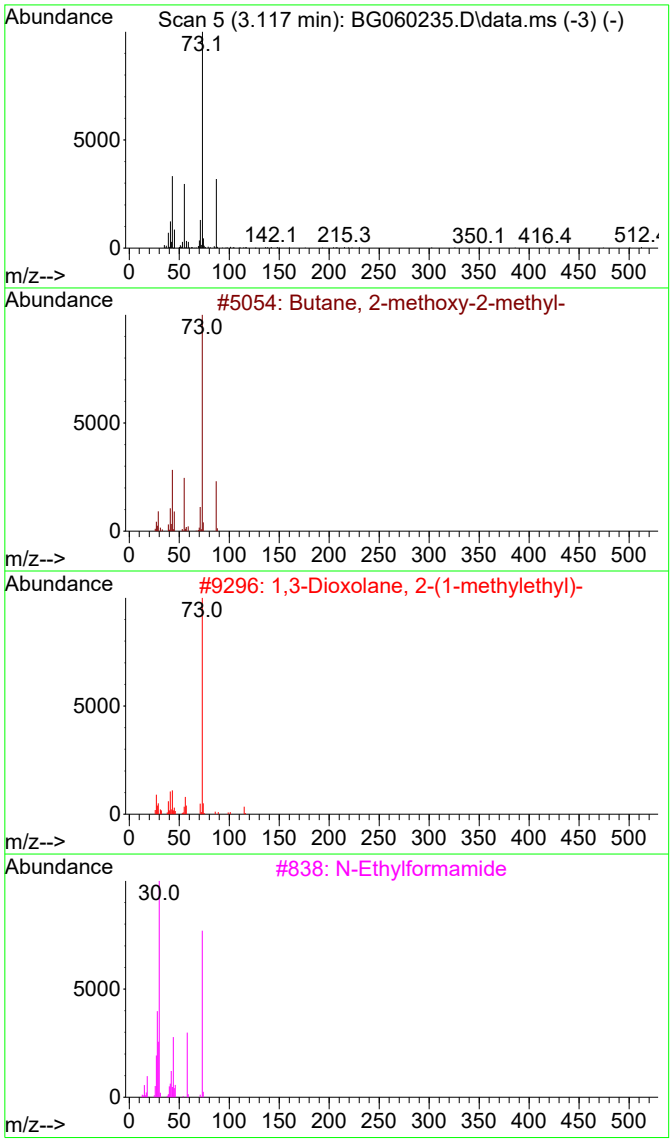
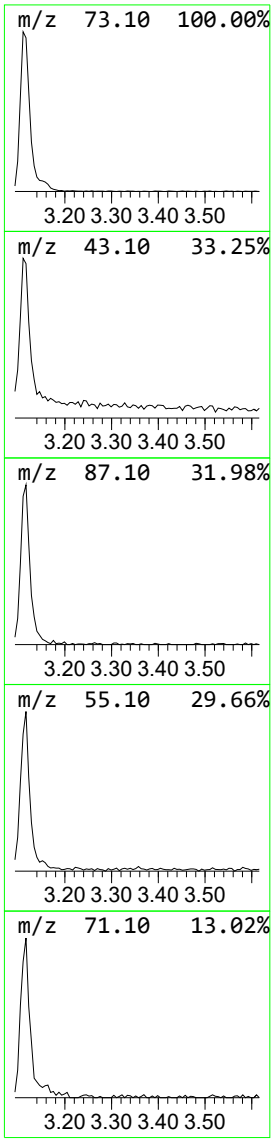
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	7.67 ng	441700	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





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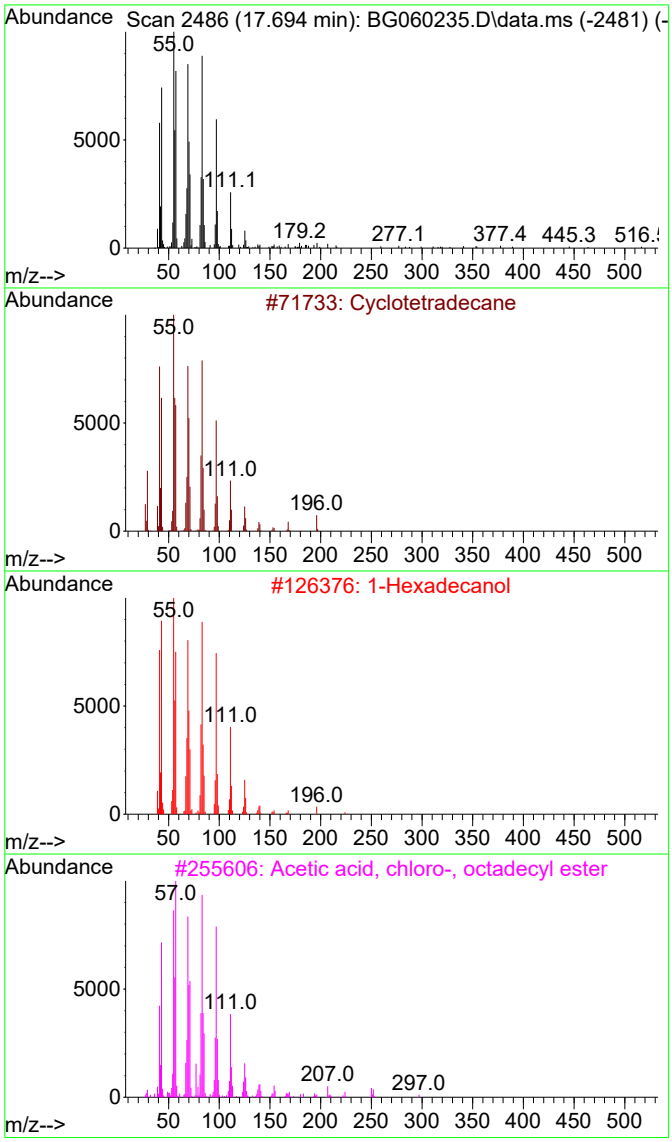
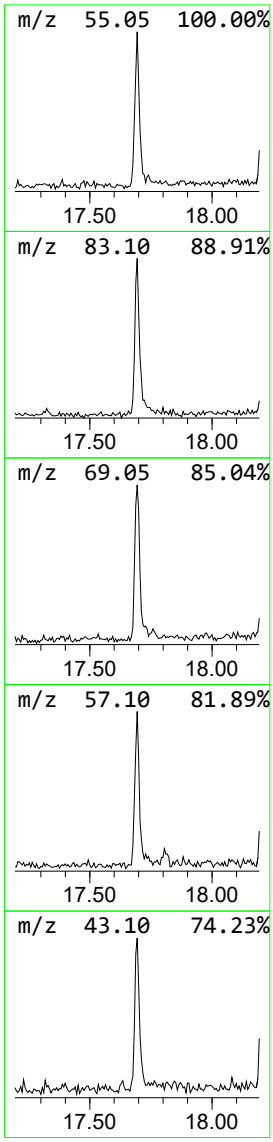
Peak Number 2 Cyclotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.694	2.25 ng	416115	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91
4	n-Pentadecanol	228	C15H32O	000629-76-5	91
5	Cetene	224	C16H32	000629-73-2	91





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Sample : 05994-07
Misc :
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ClientSampleId :
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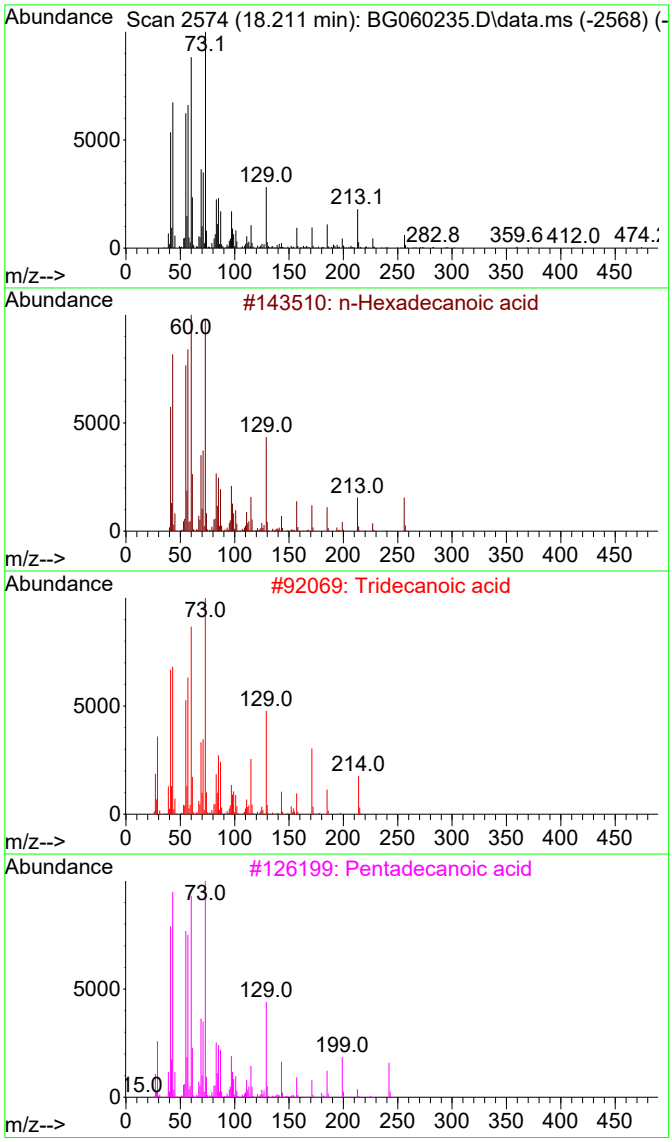
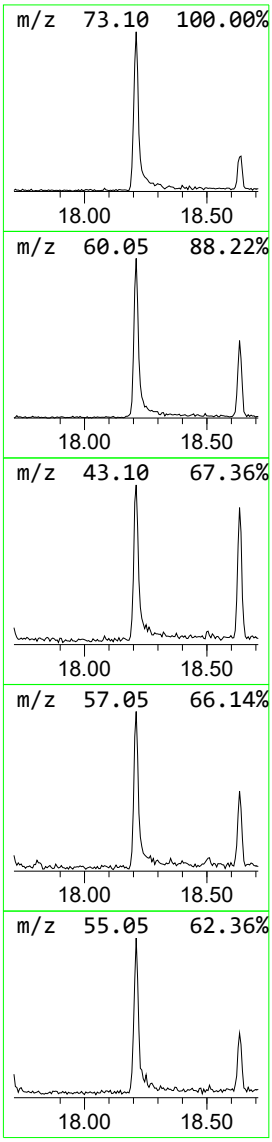
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.211	6.21 ng	1146230	Phenanthrene-d10	17.318

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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ClientSampleId :
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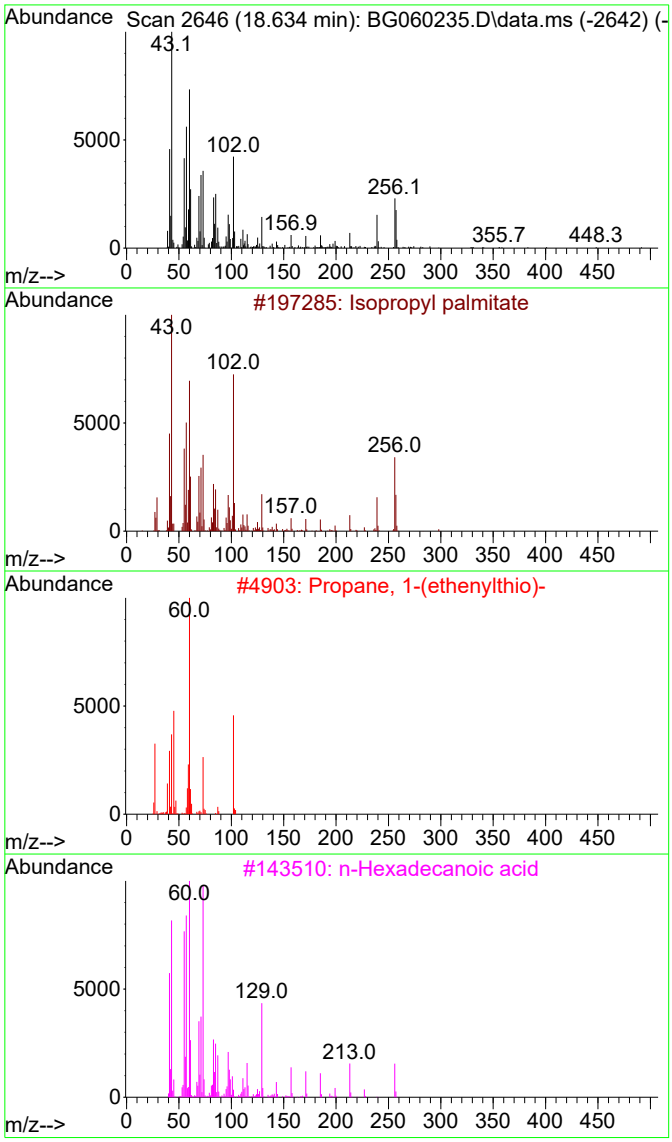
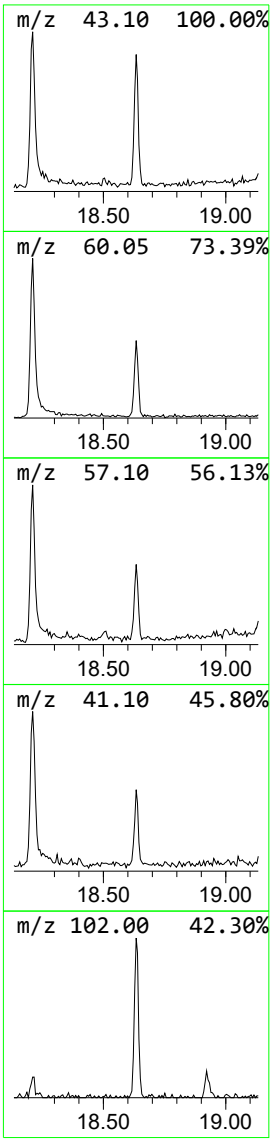
Peak Number 4 Isopropyl palmitate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	2.51 ng	462486	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	64
2	Propane, 1-(ethenylthio)-	102	C5H10S	016330-21-5	47
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
4	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	35
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	35





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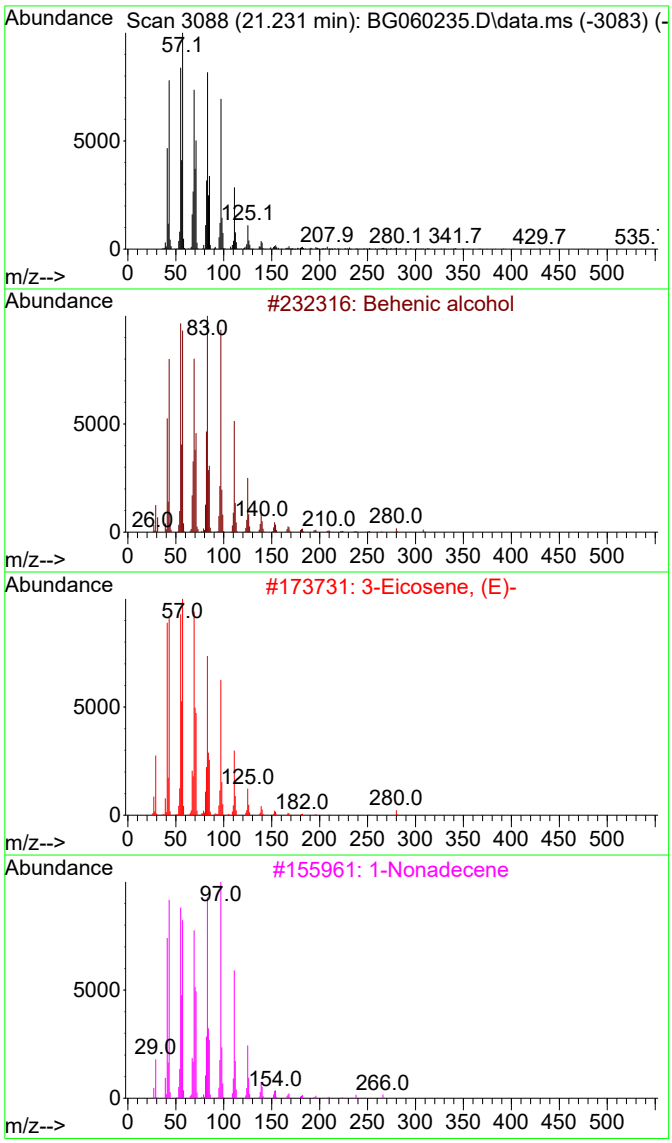
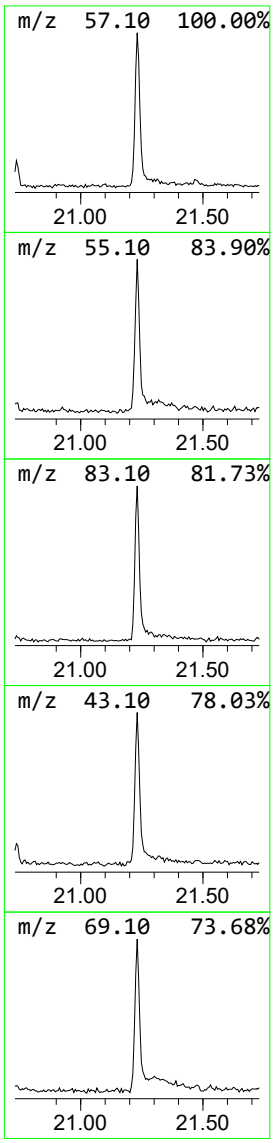
Peak Number 5 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.231	8.71 ng	1843770	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





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TIC Integration Parameters: LSCINT.P

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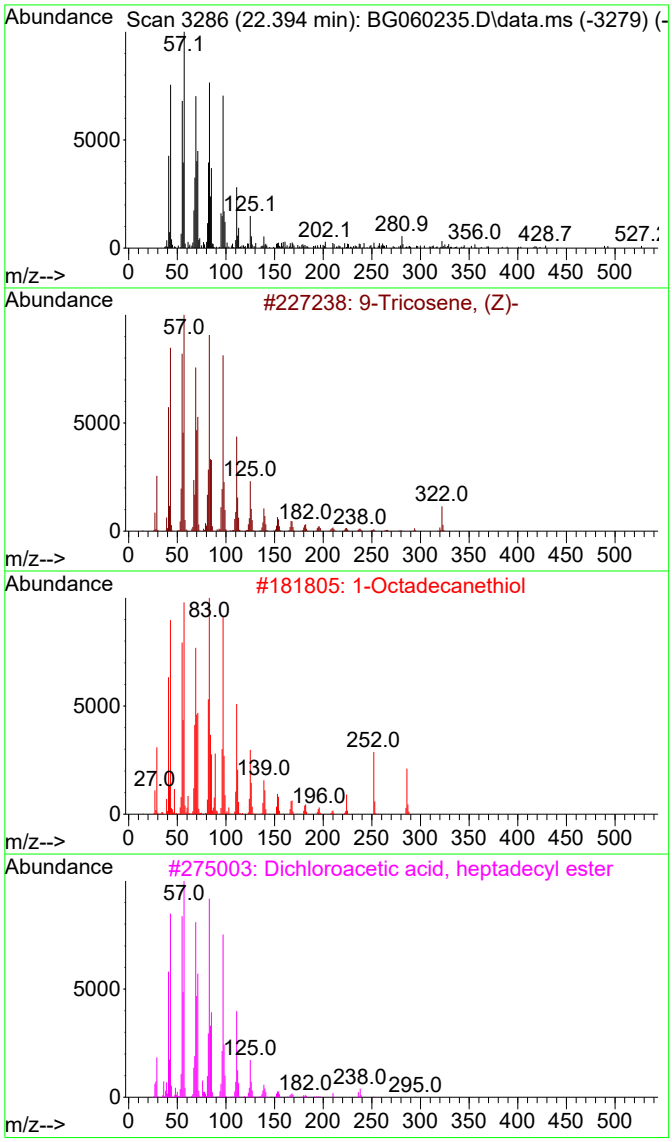
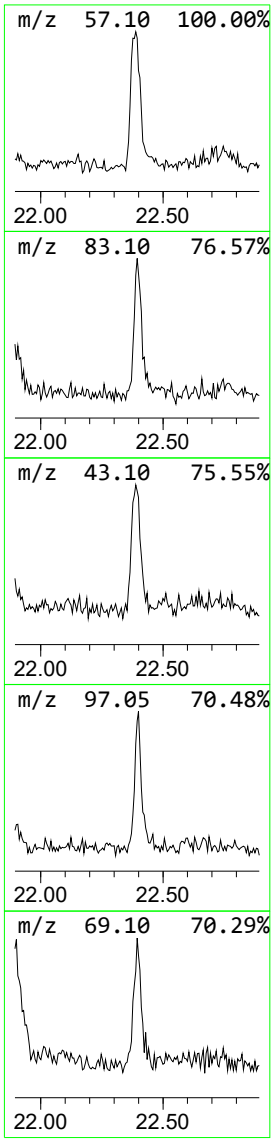
Peak Number 6 9-Tricosene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.394	3.34 ng	707007	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	1-Octadecanethiol	286	C18H38S	002885-00-9	93
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	1-Octadecene	252	C18H36	000112-88-9	91
5	11-Tricosene	322	C23H46	052078-56-5	91





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...	3.117	7.7	ng	441700	1	7.934	1151330	20.0
Cyclotetradecane	17.694	2.3	ng	416115	4	17.318	3692060	20.0
n-Hexadecanoic ...	18.211	6.2	ng	1146230	4	17.318	3692060	20.0
Isopropyl palmi...	18.634	2.5	ng	462486	4	17.318	3692060	20.0
Behenic alcohol	21.231	8.7	ng	1843770	5	21.583	4232850	20.0
9-Tricosene, (Z)-	22.394	3.3	ng	707007	5	21.583	4232850	20.0