LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
Data File : BM029322.D
Acq On : 02 Apr 2021 15:57
Operator : CG/JU
Sample : M1874-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FS-SB18(24-25)

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_M\Methods\8270-BM040121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029322.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.940	5	9	14	rBV	522631	608973	11.86%	2.131%
2	2.987	14	17	30	rVB	121945	182477	3.55%	0.639%
3	5.298	403	410	421	rBV	1802297	2578256	50.20%	9.023%
4	6.875	670	678	691	rBV	1758879	2745565	53.46%	9.609%
5	7.698	810	818	826	rBV	420694	657942	12.81%	2.303%
6	8.851	1006	1014	1023	rBV	1059462	1741824	33.91%	6.096%
7	10.480	1283	1291	1298	rBV	506794	832833	16.22%	2.915%
8	12.957	1705	1712	1724	rBV	2323049	3402751	66.25%	11.909%
9	13.792	1849	1854	1864	rVB	61100	89273	1.74%	0.312%
10	14.168	1913	1918	1928	rVB4	26074	58709	1.14%	0.205%
11	14.333	1939	1946	1957	rBV2	704831	1020981	19.88%	3.573%
12	15.821	2192	2199	2213	rBV	1846793	2673922	52.06%	9.358%
13	17.074	2405	2412	2422	rBV	820566	1193658	23.24%	4.178%
14	17.974	2560	2565	2582	rBV	470190	802395	15.62%	2.808%
15	19.256	2778	2783	2794	rBV	156493	266865	5.20%	0.934%
16	19.698	2852	2858	2867	rBV	4327163	5136097	100.00%	17.975%
17	20.392	2973	2976	2981	rVB	93662	105189	2.05%	0.368%
18	20.968	3070	3074	3089	rBV	768604	1025444	19.97%	3.589%
19	21.244	3116	3121	3127	rBV	1238050	1493469	29.08%	5.227%
20	23.456	3491	3497	3506	rVB2	871297	1614729	31.44%	5.651%
21	24.080	3599	3603	3612	rVB3	164835	342091	6.66%	1.197%

Sum of corrected areas: 28573443

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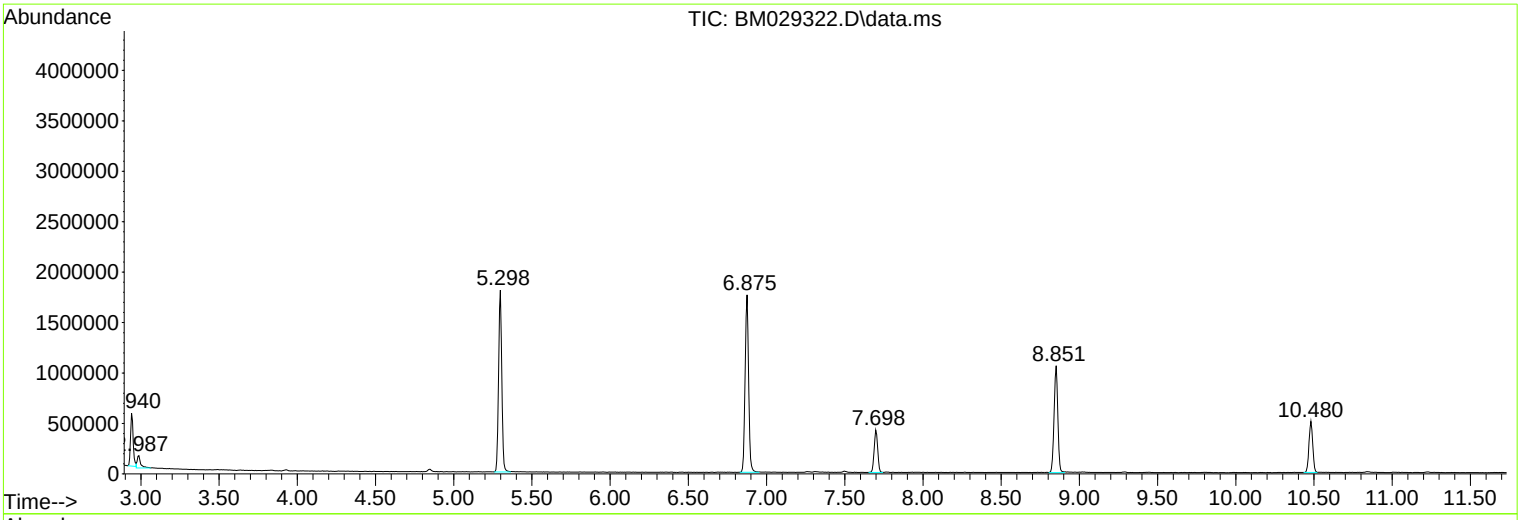
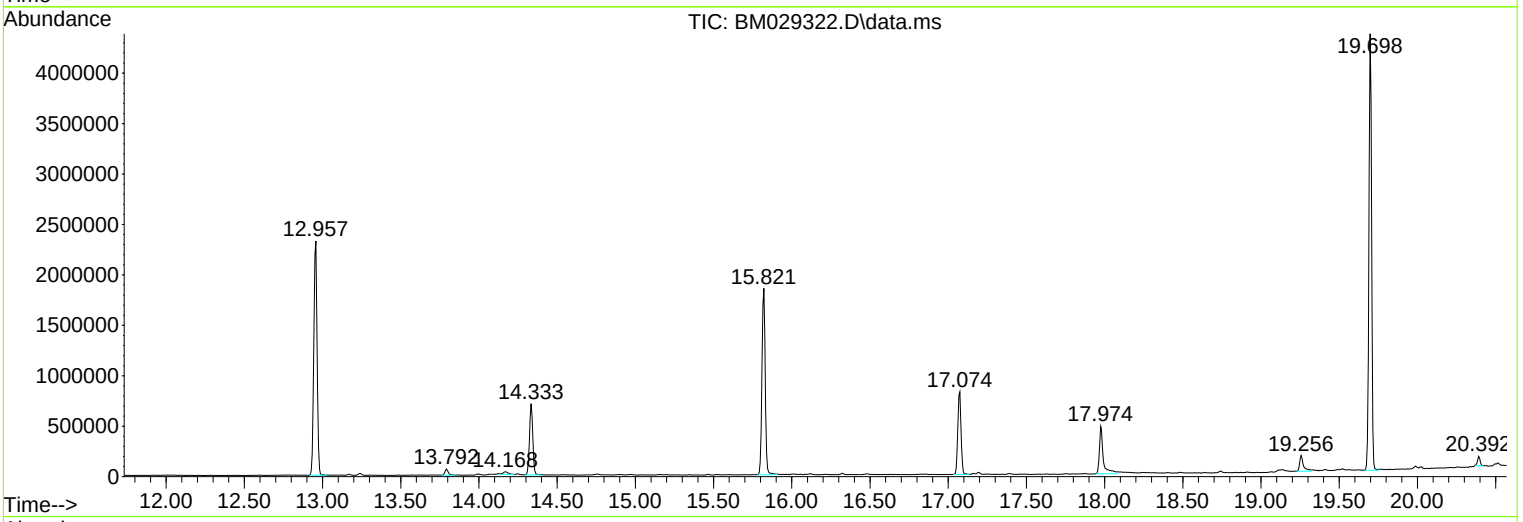
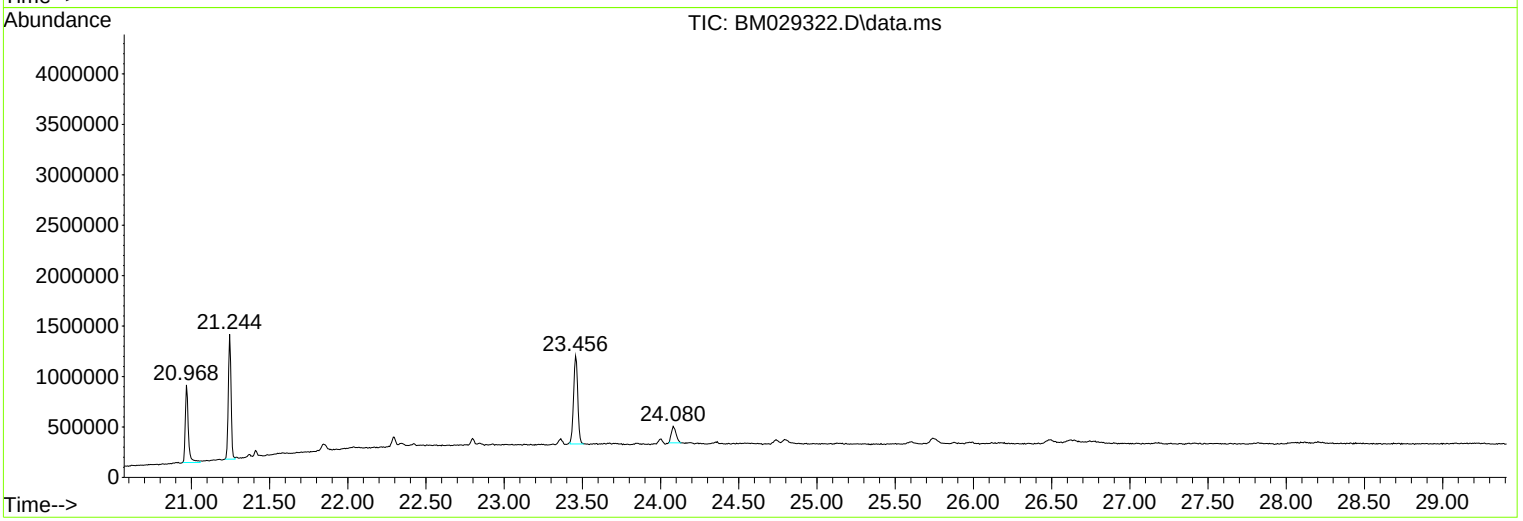
ClientSampleId :
FS-SB18(24-25)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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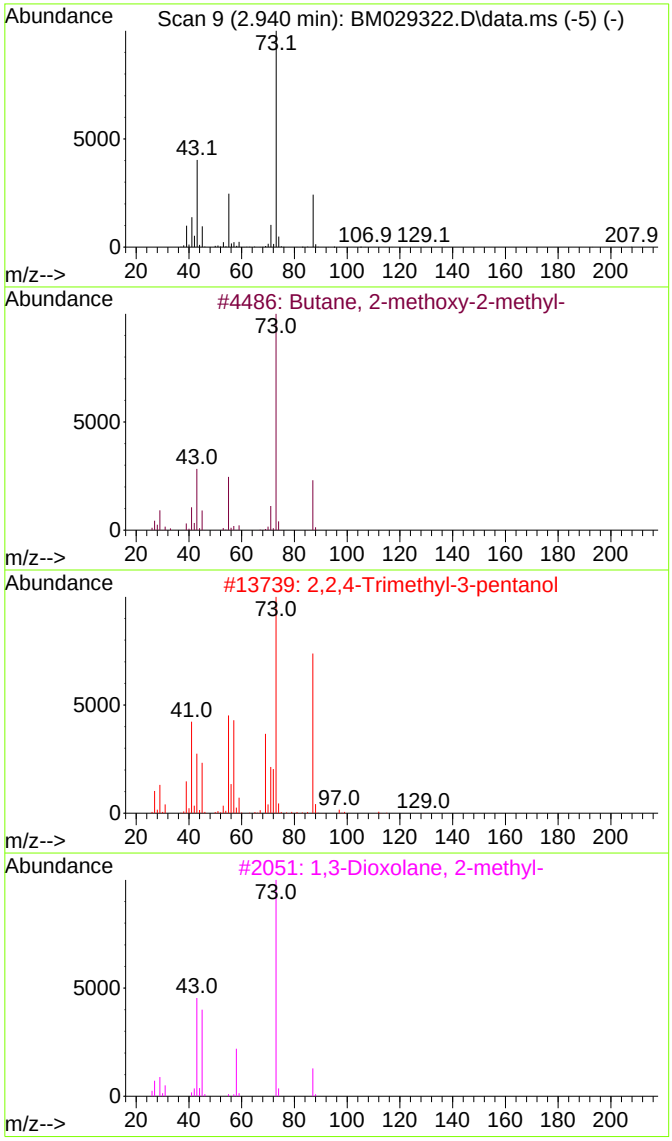
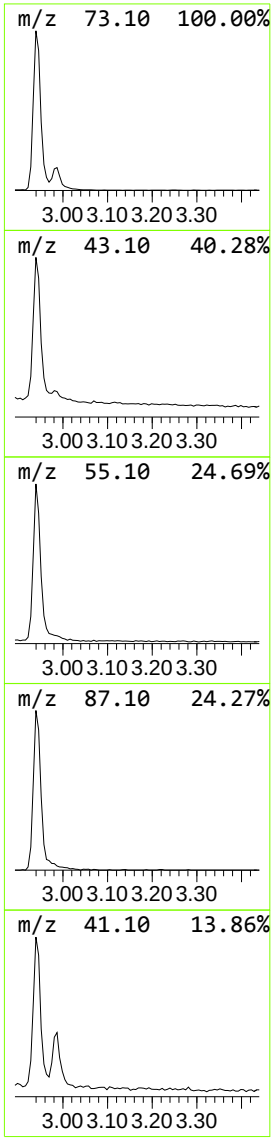
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.940	18.51 ng	608973	1,4-Dichlorobenzene-d4	7.698

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
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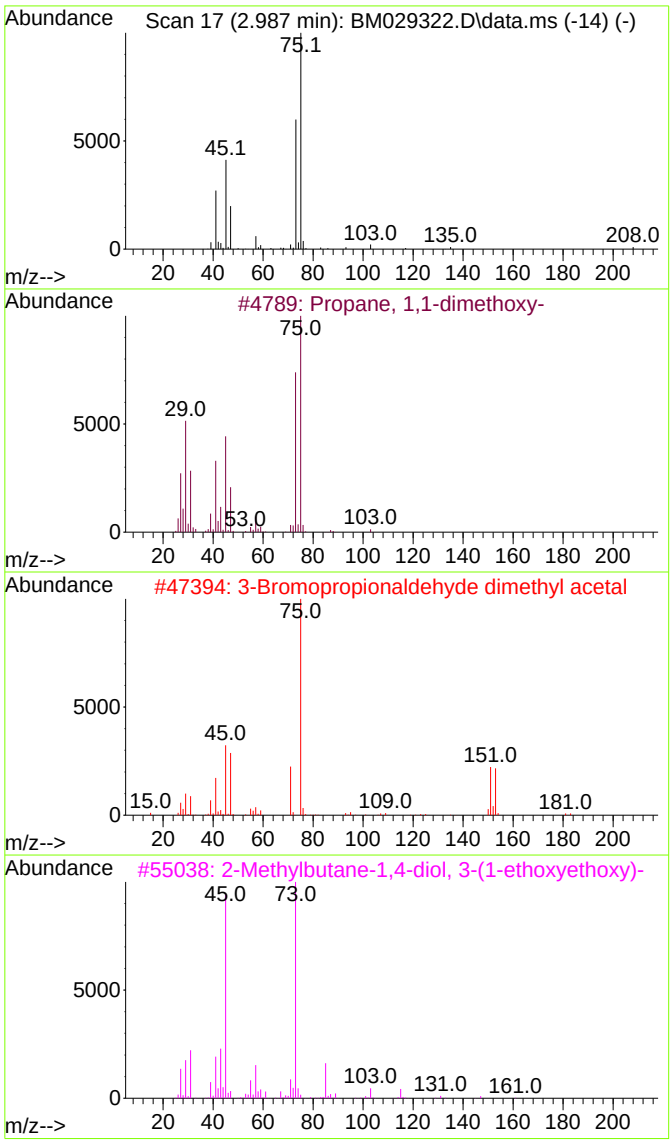
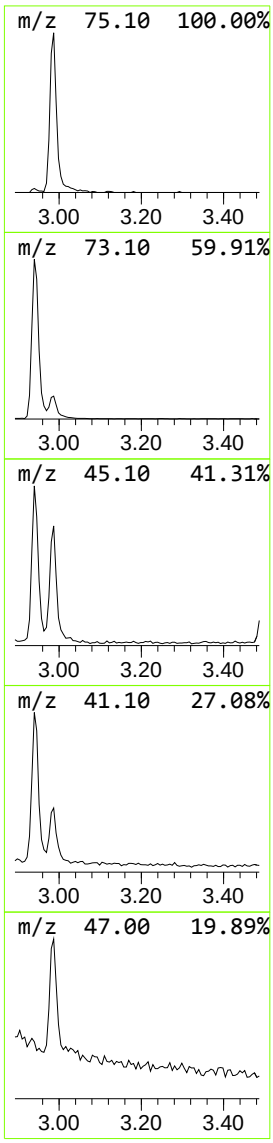
Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.987	5.55 ng	182477	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	3-Bromopropionaldehyde dimethyl ...	182	C5H11BrO2	036255-44-4	39
3	2-Methylbutane-1,4-diol, 3-(1-et...	192	C9H20O4	088481-54-3	10
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9





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BNA_M
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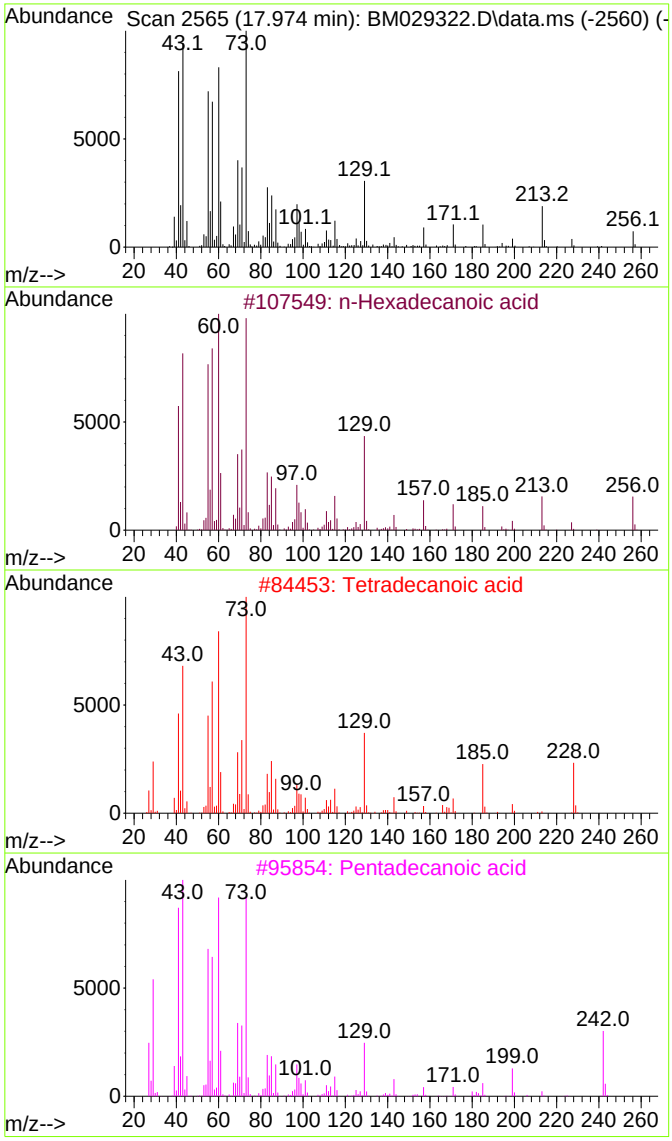
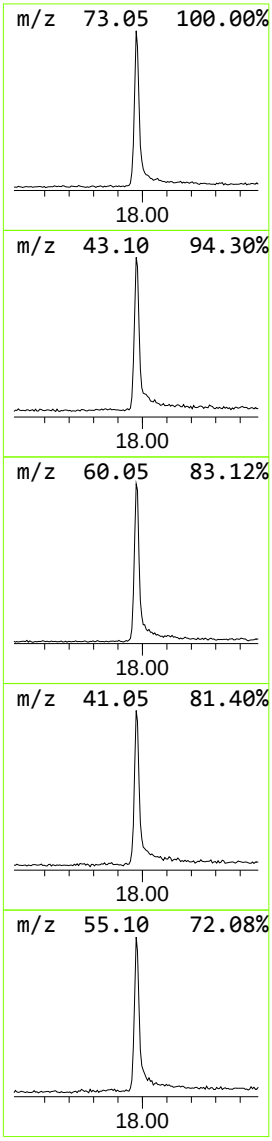
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	13.44 ng	802395	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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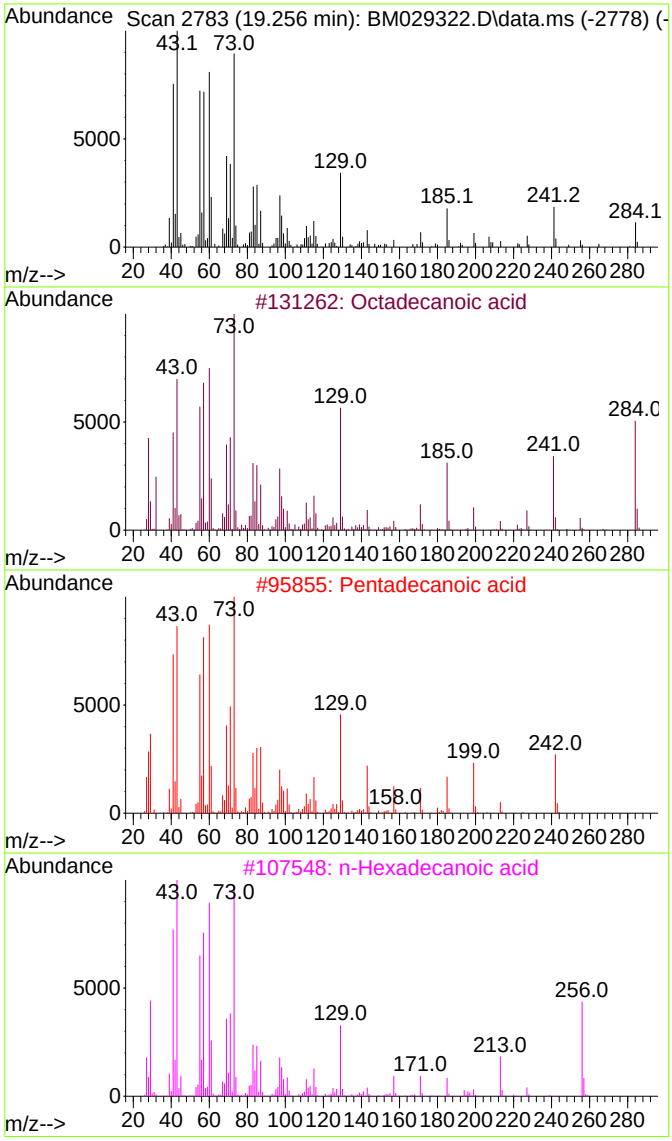
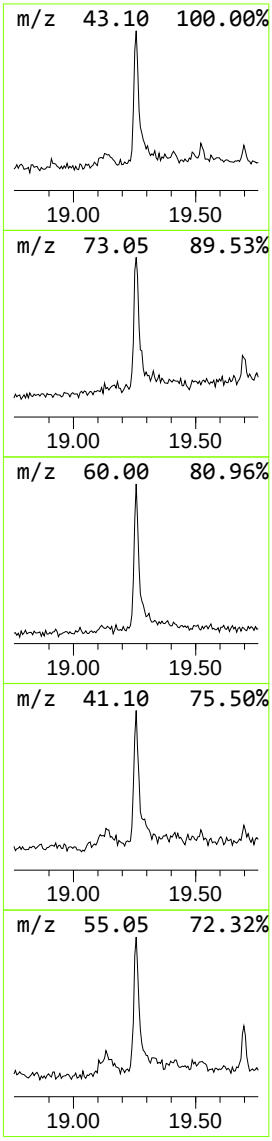
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.256	3.57 ng	266865	Chrysene-d12	21.244

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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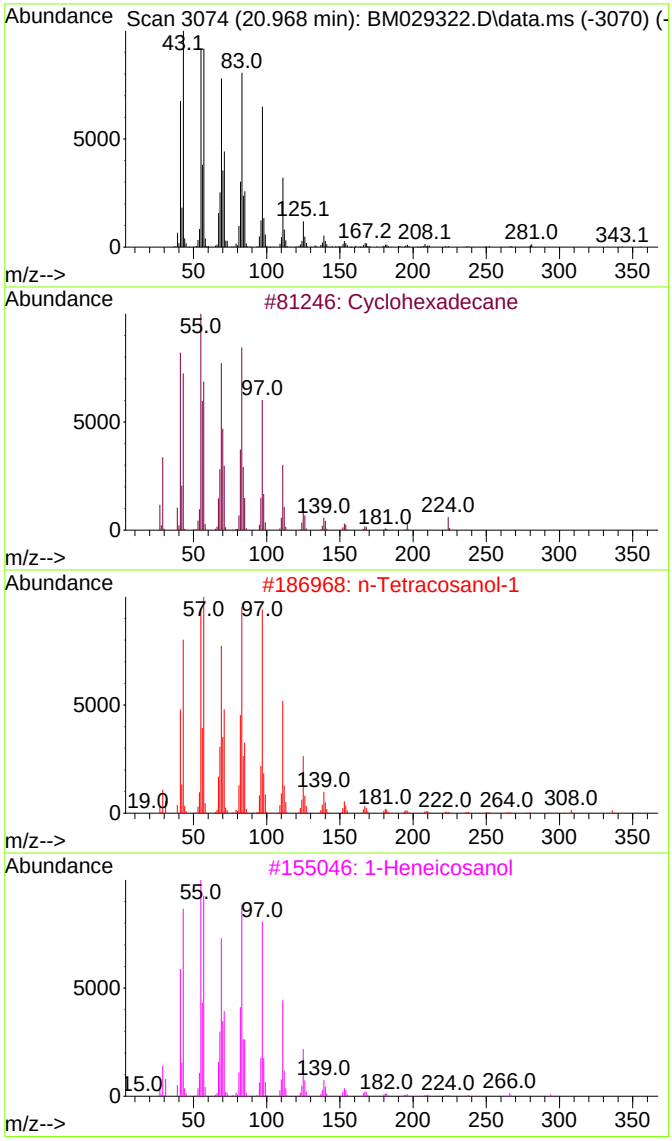
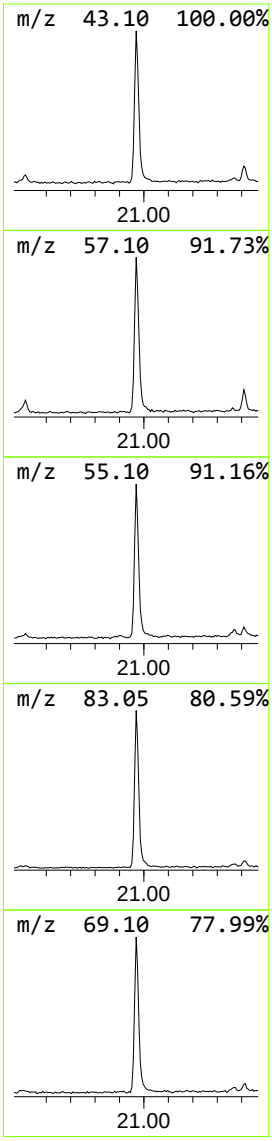
Peak Number 5 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.968	13.73 ng	1025440	Chrysene-d12	21.244

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Cyclotetracosane	336	C24H48	000297-03-0	93





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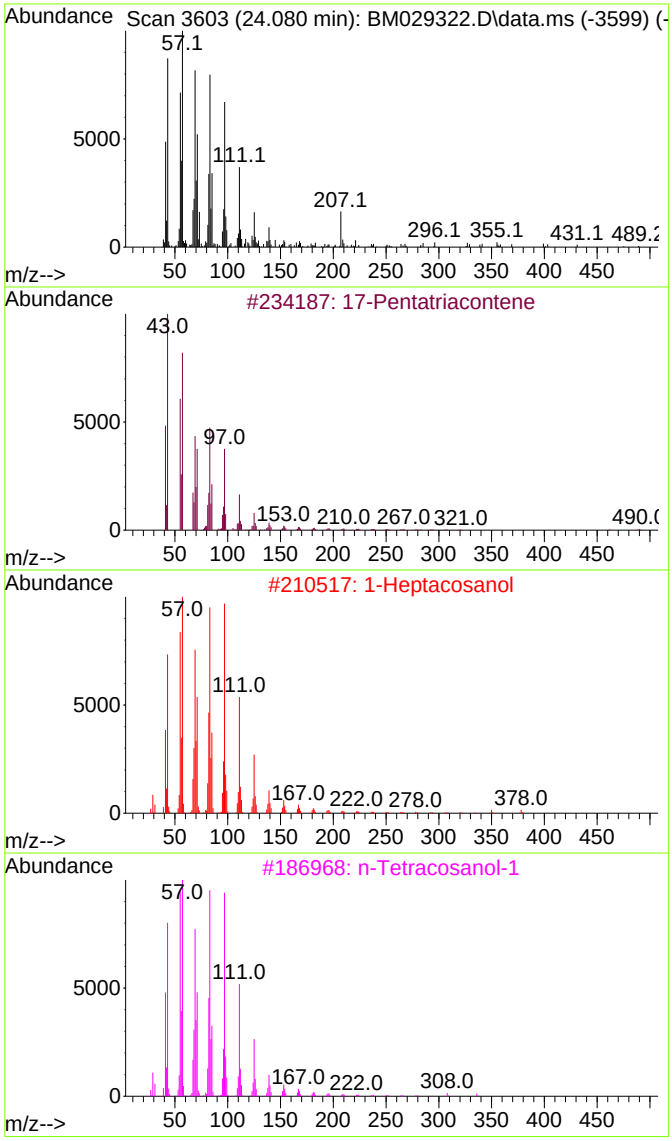
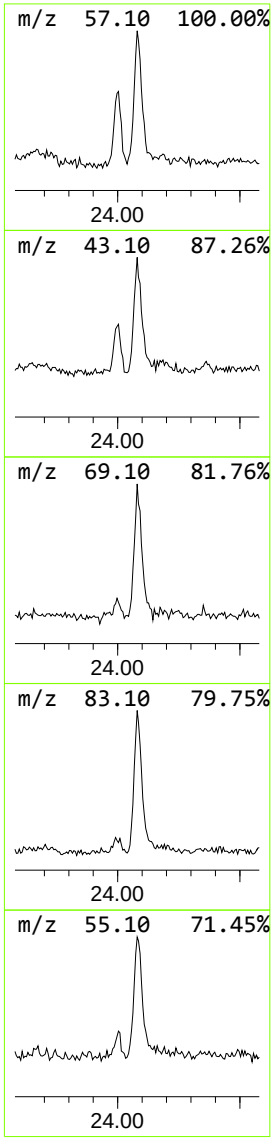
Peak Number 6 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.080	4.24 ng	342091	Perylene-d12	23.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	Cyclotetracosane	336	C24H48	000297-03-0	70
5	Octacosanol	410	C28H58O	000557-61-9	70





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.940	18.5	ng	608973	1	7.698	657942	20.0
Propane, 1,1-di...	2.987	5.5	ng	182477	1	7.698	657942	20.0
n-Hexadecanoic ...	17.974	13.4	ng	802395	4	17.074	1193660	20.0
Octadecanoic acid	19.256	3.6	ng	266865	5	21.244	1493470	20.0
Cyclohexadecane	20.968	13.7	ng	1025440	5	21.244	1493470	20.0
17-Pentatriacon...	24.080	4.2	ng	342091	6	23.456	1614730	20.0