LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050154.D
Acq On : 08 May 2025 19:56
Operator : RC/JU
Sample : Q1968-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MH-M

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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050154.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.481	81	84	95	rBV	138881	231004	2.11%	0.353%
2	4.863	314	319	334	rVB	284273	424135	3.87%	0.649%
3	5.334	393	399	422	rBV	2902540	4689578	42.77%	7.175%
4	6.934	664	671	704	rBV	2455755	4763271	43.44%	7.288%
5	7.739	801	808	820	rBV	996519	1633703	14.90%	2.500%
6	8.904	997	1006	1028	rBV	1507800	2978161	27.16%	4.557%
7	10.533	1276	1283	1303	rBV	1050276	2114256	19.28%	3.235%
8	11.310	1407	1415	1428	rBV2	82051	264896	2.42%	0.405%
9	13.004	1696	1703	1729	rBV	4523576	7042292	64.23%	10.775%
10	14.116	1887	1892	1906	rBV	68823	136649	1.25%	0.209%
11	14.392	1932	1939	1960	rBV	1837390	2925739	26.68%	4.477%
12	14.610	1966	1976	1988	rBV2	72364	180001	1.64%	0.275%
13	15.757	2165	2171	2185	rVB	80420	162535	1.48%	0.249%
14	15.892	2185	2194	2215	rBV	3787100	6329023	57.72%	9.684%
15	17.139	2400	2406	2419	rBV2	2250129	3498157	31.90%	5.352%
16	17.880	2527	2532	2541	rBV	79966	111041	1.01%	0.170%
17	18.039	2552	2559	2575	rBV2	1271860	2182540	19.91%	3.339%
18	18.215	2584	2589	2593	rBV2	63375	119617	1.09%	0.183%
19	18.939	2708	2712	2717	rBV	90070	155262	1.42%	0.238%
20	19.203	2752	2757	2763	rBV	620858	809639	7.38%	1.239%
21	19.321	2771	2777	2792	rBV2	652734	1343878	12.26%	2.056%
22	19.568	2811	2819	2828	rBV	612866	964913	8.80%	1.476%
23	19.762	2847	2852	2868	rVB	9060485	10964527	100.00%	16.776%
24	20.221	2928	2930	2935	rVB	116030	132427	1.21%	0.203%
25	20.362	2951	2954	2958	rBV	114187	134468	1.23%	0.206%
26	20.456	2965	2970	2978	rVB	1183622	1431094	13.05%	2.190%
27	21.050	3068	3071	3079	rVB3	200683	356356	3.25%	0.545%
28	21.321	3114	3117	3120	rBV	212575	268474	2.45%	0.411%
29	21.380	3121	3127	3132	rVV	2880072	4620943	42.14%	7.070%
30	21.421	3132	3134	3146	rVB	365895	573347	5.23%	0.877%
31	24.374	3628	3636	3645	rVB	1588993	3815449	34.80%	5.838%

Sum of corrected areas: 65357375

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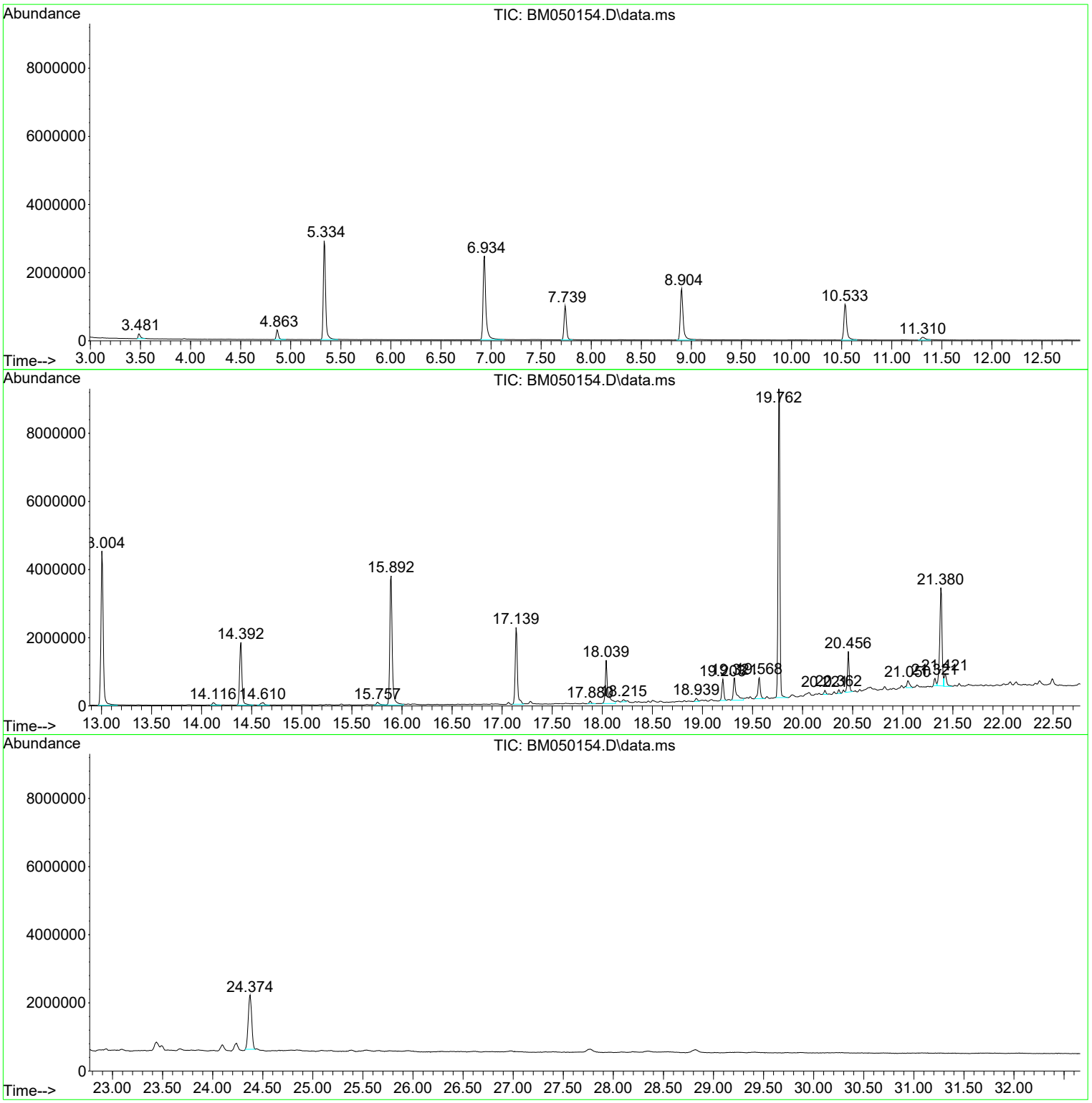
ClientSampleId :
MH-M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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TIC Library : C:\Database\NIST20.L
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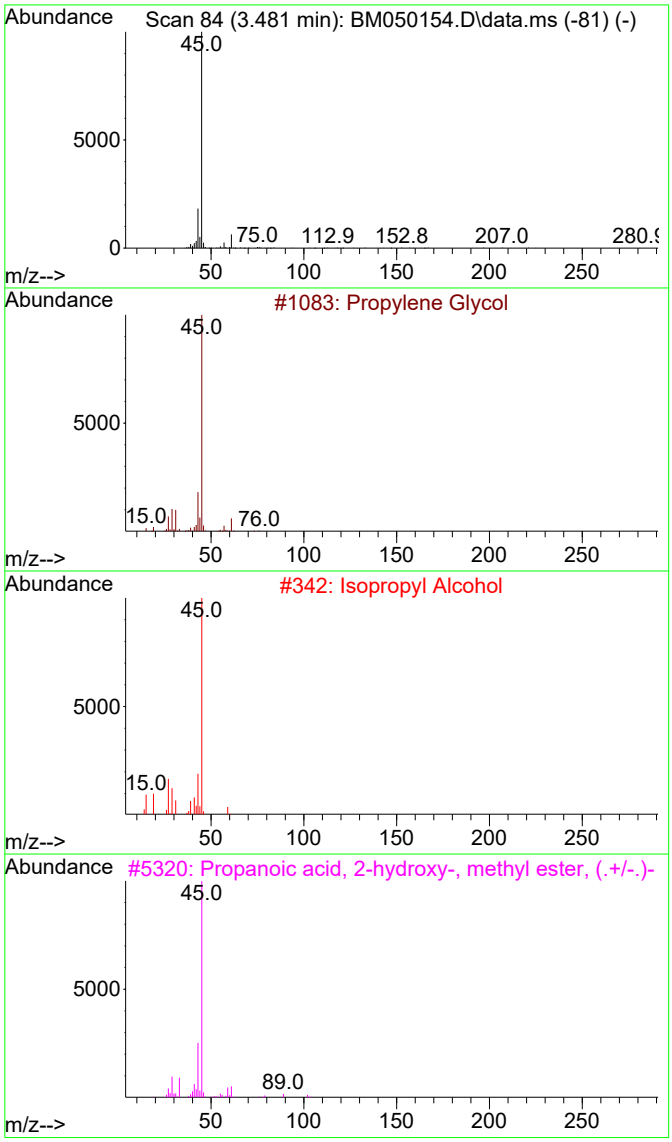
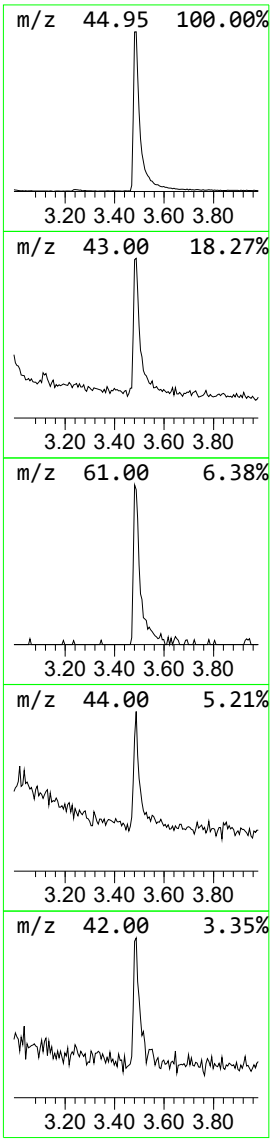
Peak Number 1 Propylene Glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.481	2.83 ng	231004	1,4-Dichlorobenzene-d4	7.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	32





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ClientSampleId :
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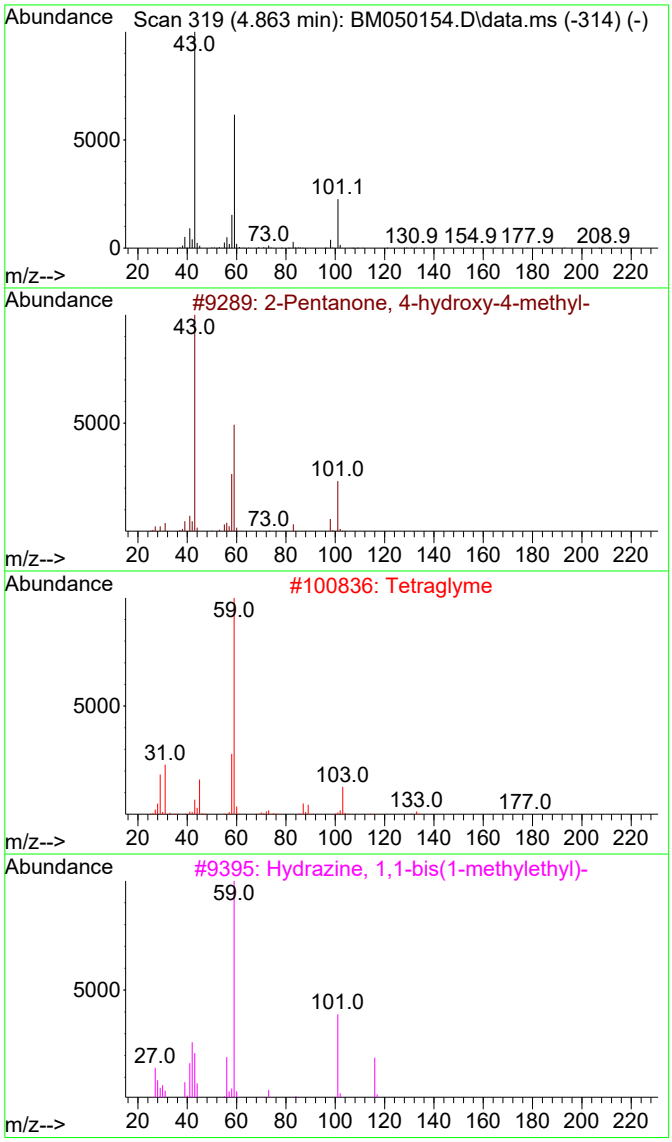
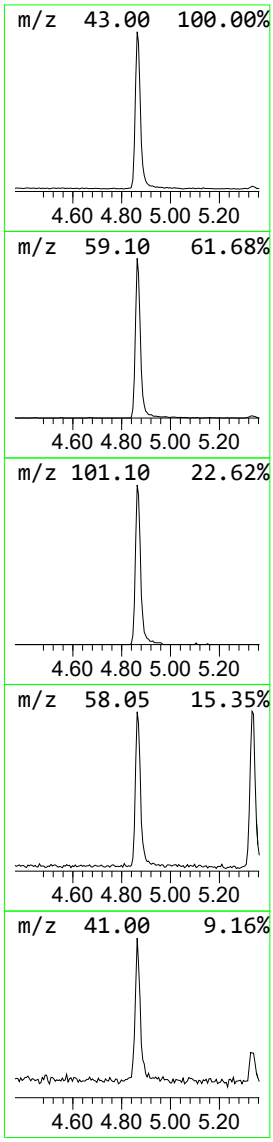
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.863	5.19 ng	424135	1,4-Dichlorobenzene-d4	7.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Tetraglyme	222	C10H22O5	000143-24-8	37
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23





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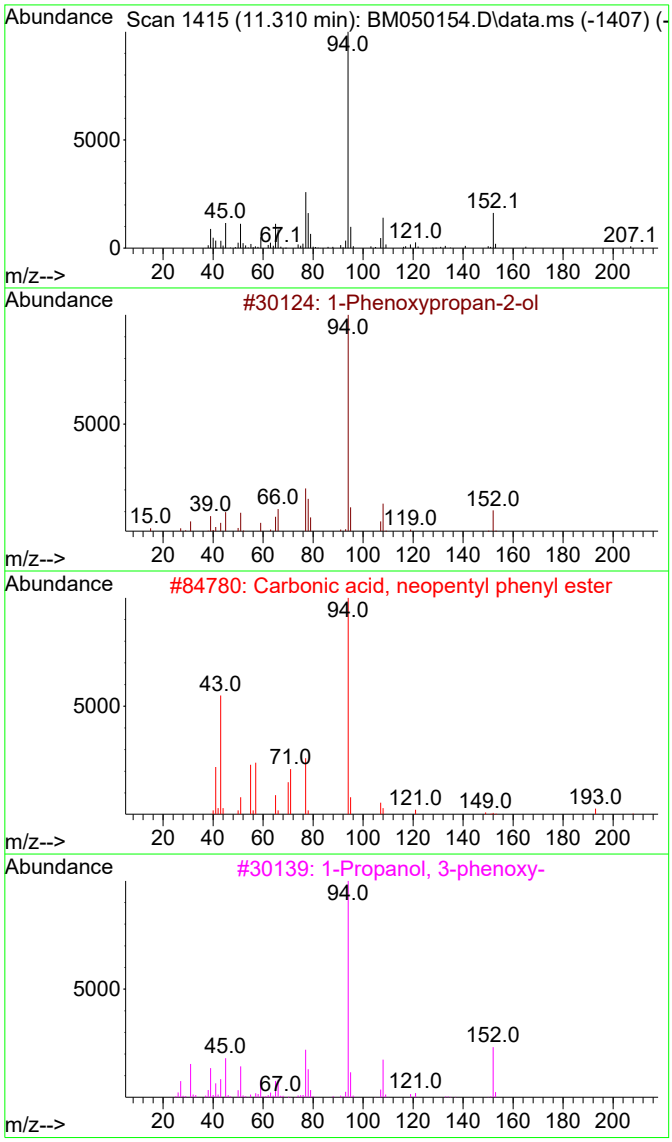
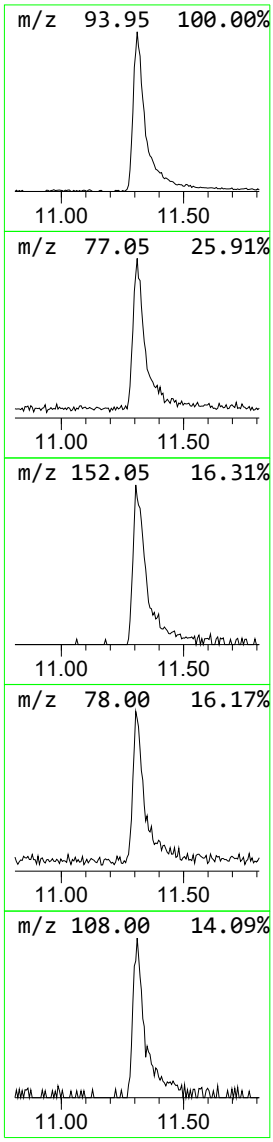
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	2.51 ng	264896	Naphthalene-d8	10.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
2	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64
3	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	60
4	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	59
5	3-Phenoxypropionic acid	166	C9H10O3	007170-38-9	53





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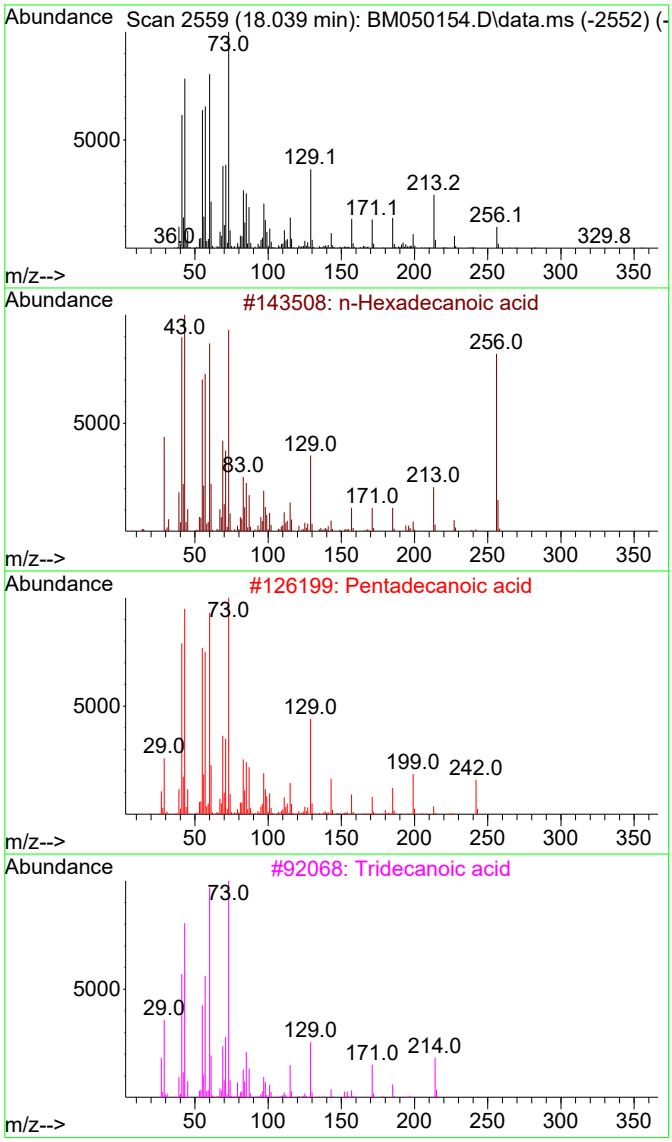
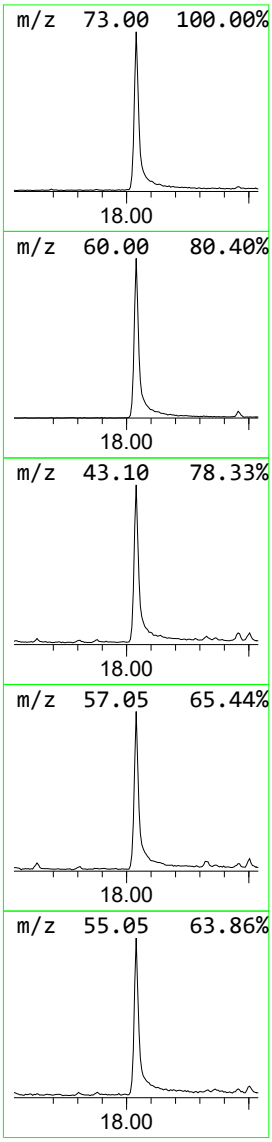
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	12.48 ng	2182540	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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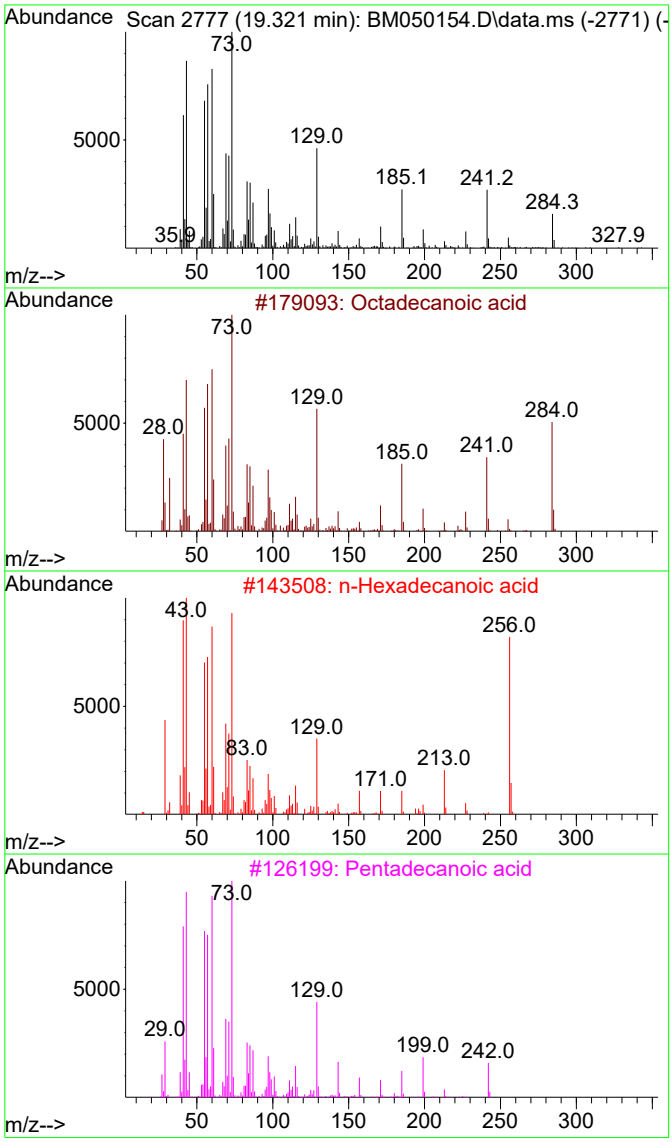
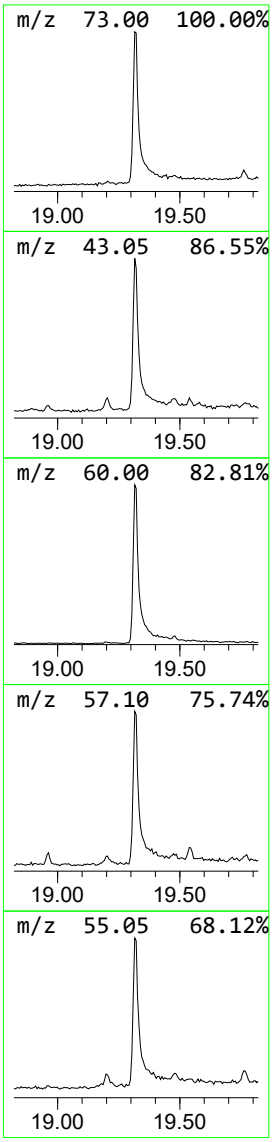
Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	5.82 ng	1343880	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80





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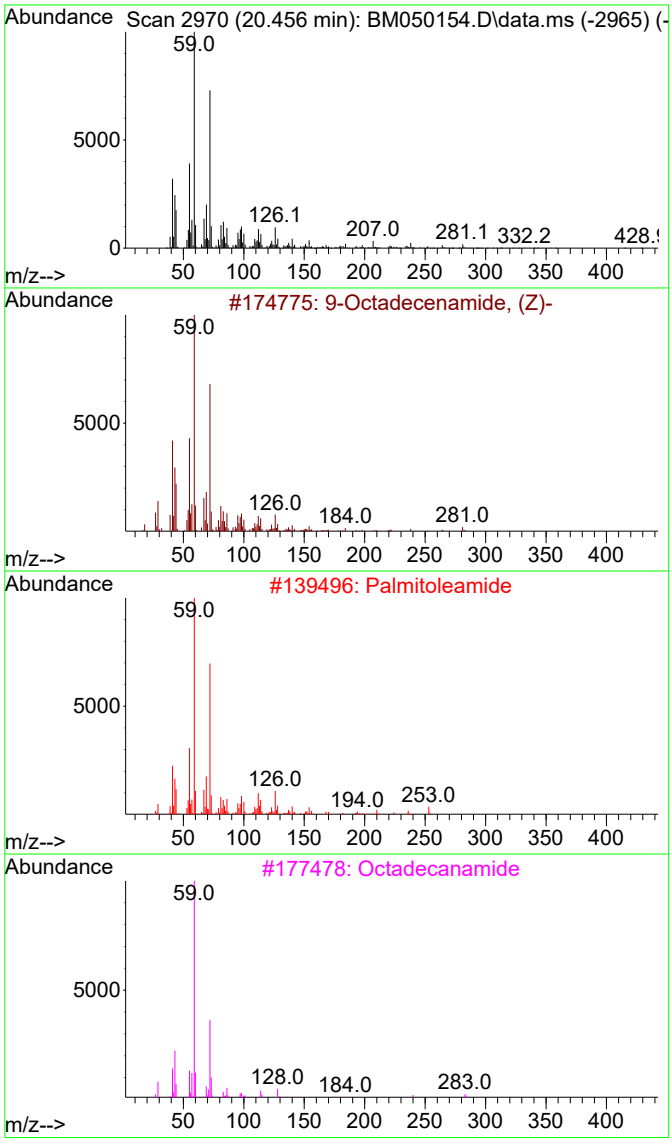
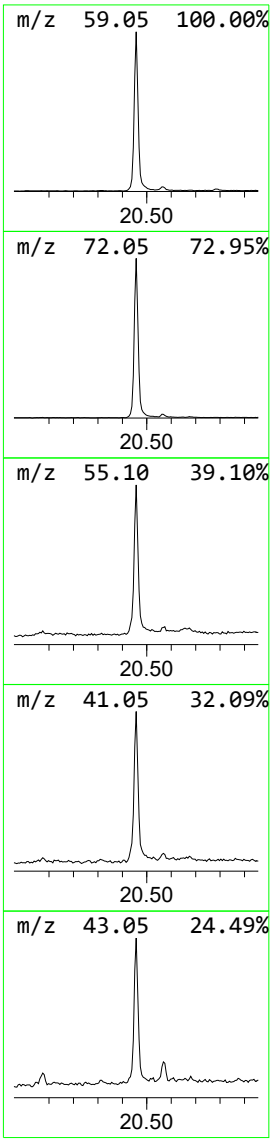
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.456	6.19 ng	1431090	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Palmitoleamide	253	C16H31NO	106010-22-4	72
3	Octadecanamide	283	C18H37NO	000124-26-5	59
4	Octanamide	143	C8H17NO	000629-01-6	59
5	Dodecanamide	199	C12H25NO	001120-16-7	59





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
Propylene Glycol	3.481	2.8	ng	231004	1	7.739	1633700	20.0
2-Pentanone, 4-...	4.863	5.2	ng	424135	1	7.739	1633700	20.0
1-Phenoxypropan...	11.310	2.5	ng	264896	2	10.533	2114260	20.0
n-Hexadecanoic ...	18.039	12.5	ng	2182540	4	17.139	3498160	20.0
Octadecanoic acid	19.321	5.8	ng	1343880	5	21.380	4620940	20.0
9-Octadecenamid...	20.456	6.2	ng	1431090	5	21.380	4620940	20.0