LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047324.D
Acq On : 22 Aug 2024 19:49
Operator : RC/JU
Sample : P3685-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Stock Pile-2

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-BM081024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047324.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.257	60	63	78	rBV	144986	225686	2.43%	0.390%
2	4.563	276	285	292	rBV	226278	321631	3.47%	0.556%
3	5.010	355	361	377	rBV	3464890	4934664	53.23%	8.533%
4	6.569	619	626	644	rBV	3132459	5085674	54.86%	8.794%
5	7.351	753	759	769	rBV	1222395	1841643	19.87%	3.185%
6	8.498	947	954	972	rBV	2097453	3424848	36.95%	5.922%
7	9.080	1048	1053	1062	rBV	72319	128675	1.39%	0.223%
8	10.104	1218	1227	1241	rBV	1473054	2493120	26.89%	4.311%
9	10.869	1351	1357	1372	rBV	127799	286324	3.09%	0.495%
10	12.616	1647	1654	1673	rBV	4822637	7543858	81.38%	13.045%
11	14.010	1885	1891	1901	rBV	2123035	3278022	35.36%	5.669%
12	15.521	2141	2148	2162	rBV	4167278	6155995	66.41%	10.645%
13	16.774	2355	2361	2375	rBV	2505436	3807451	41.07%	6.584%
14	17.715	2516	2521	2528	rBV	499147	762871	8.23%	1.319%
15	18.856	2711	2715	2719	rBV	286048	379336	4.09%	0.656%
16	19.015	2738	2742	2750	rBV	180793	293727	3.17%	0.508%
17	19.221	2773	2777	2784	rVB	295422	385767	4.16%	0.667%
18	19.445	2810	2815	2827	rVB	7636658	9269915	100.00%	16.030%
19	20.750	3034	3037	3043	rBV	426772	623904	6.73%	1.079%
20	20.956	3070	3072	3076	rVB	230387	234102	2.53%	0.405%
21	21.015	3077	3082	3088	rBV2	2267337	3300673	35.61%	5.708%
22	23.709	3534	3540	3554	rVB	1264593	3050343	32.91%	5.275%

Sum of corrected areas: 57828229

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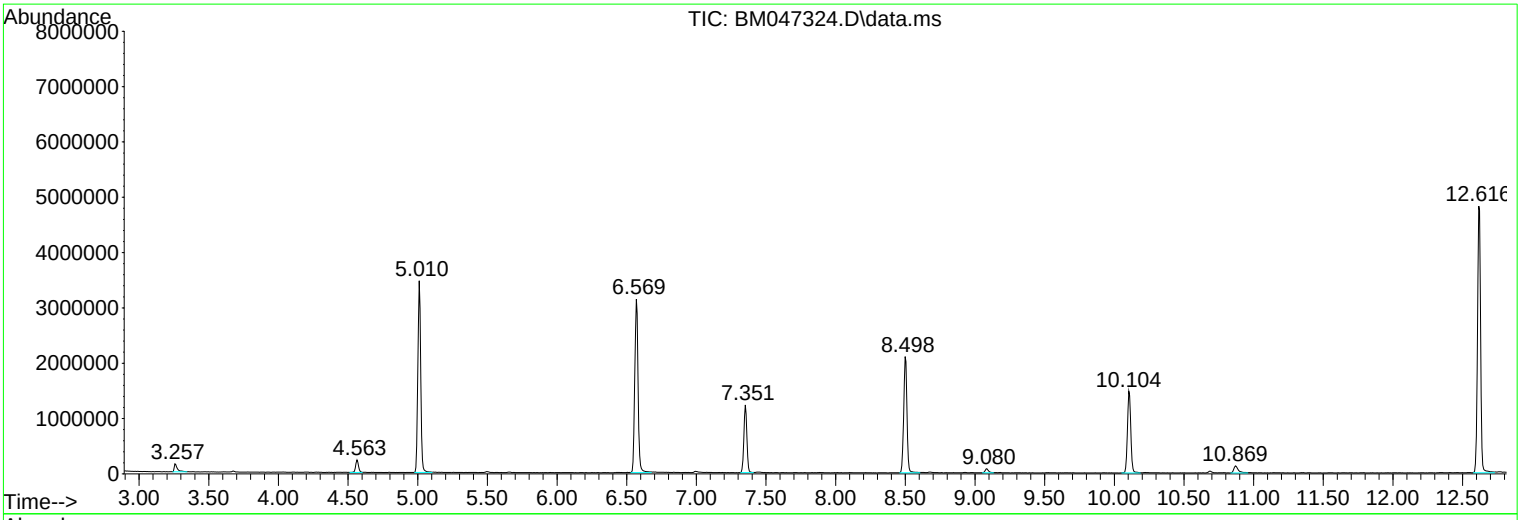
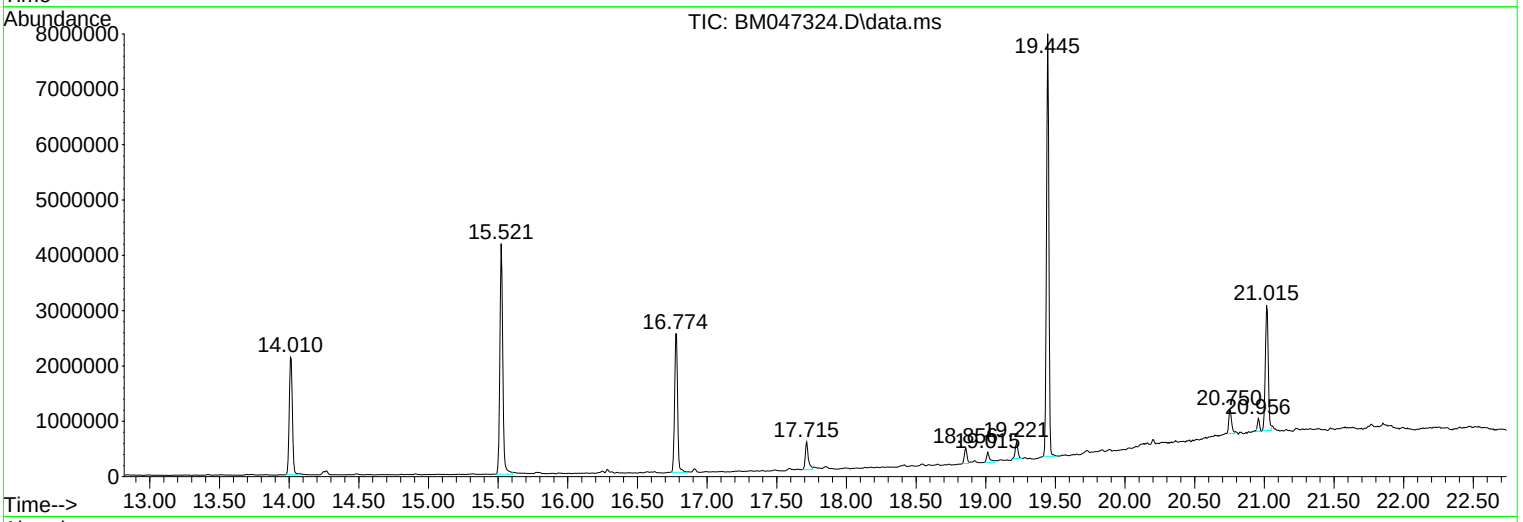
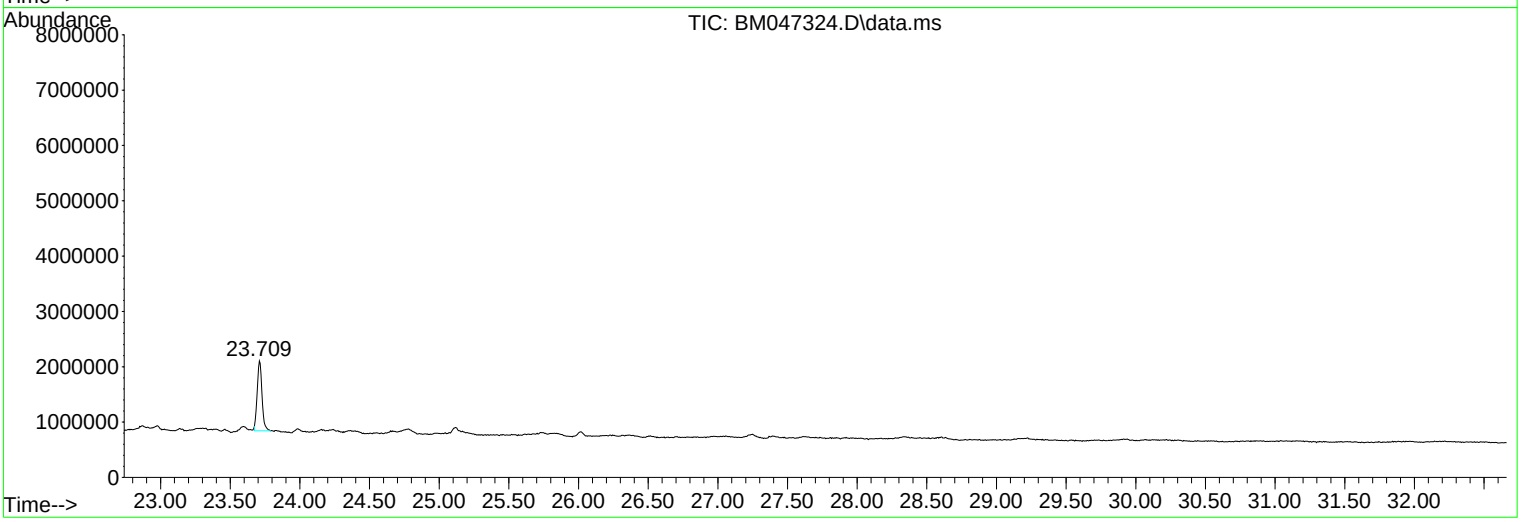
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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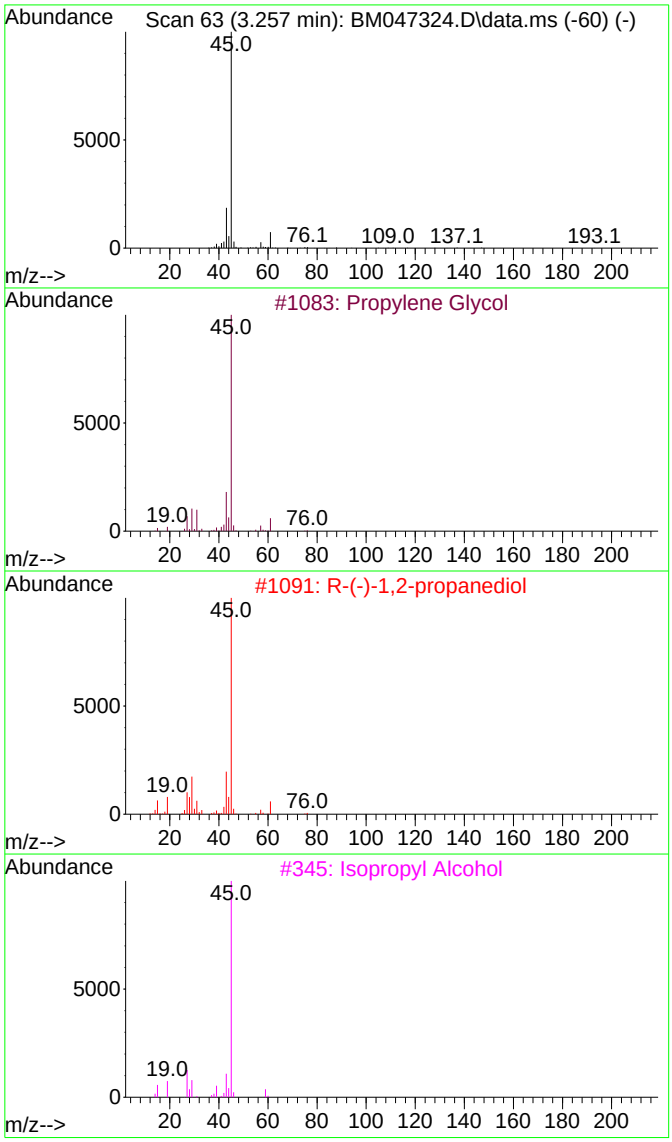
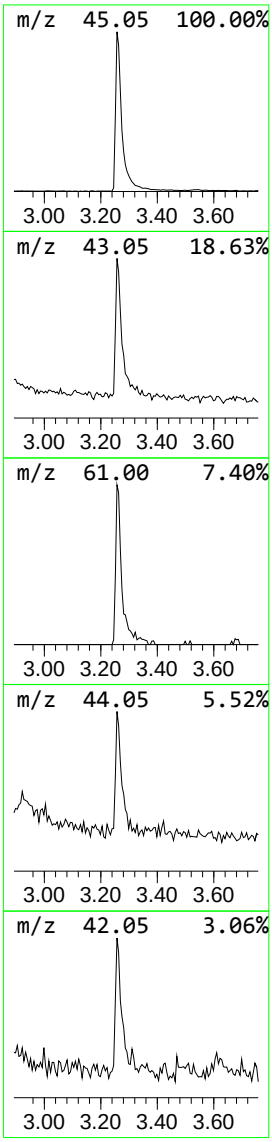
Peak Number 1 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.257	2.45 ng	225686	1,4-Dichlorobenzene-d4	7.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	39





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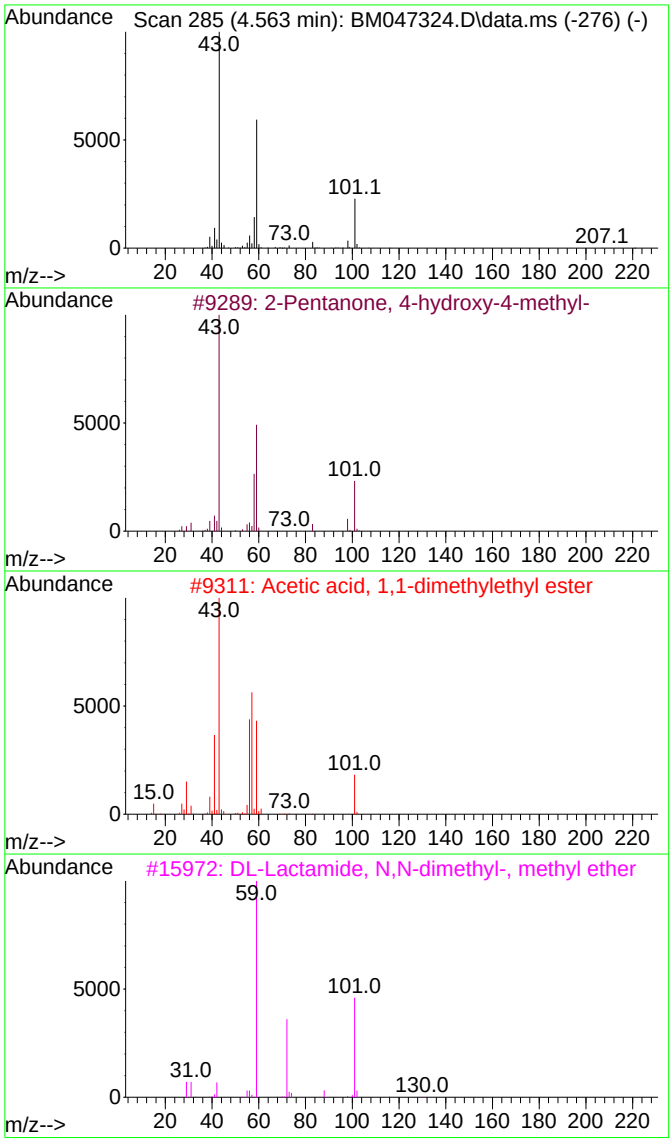
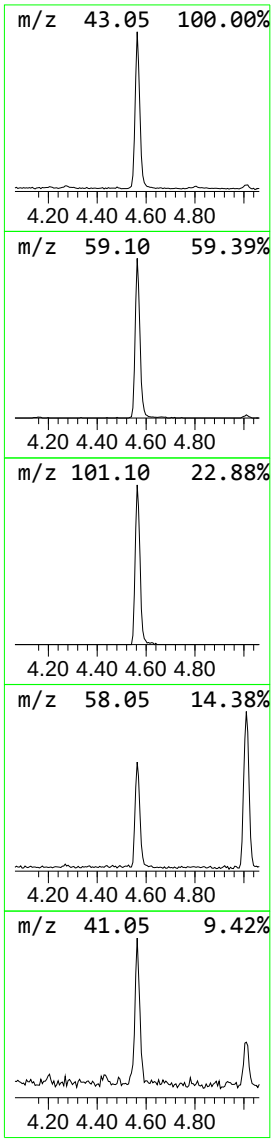
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.563	3.49 ng	321631	1,4-Dichlorobenzene-d4	7.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	33
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	Tetraglyme	222	C10H22O5	000143-24-8	25





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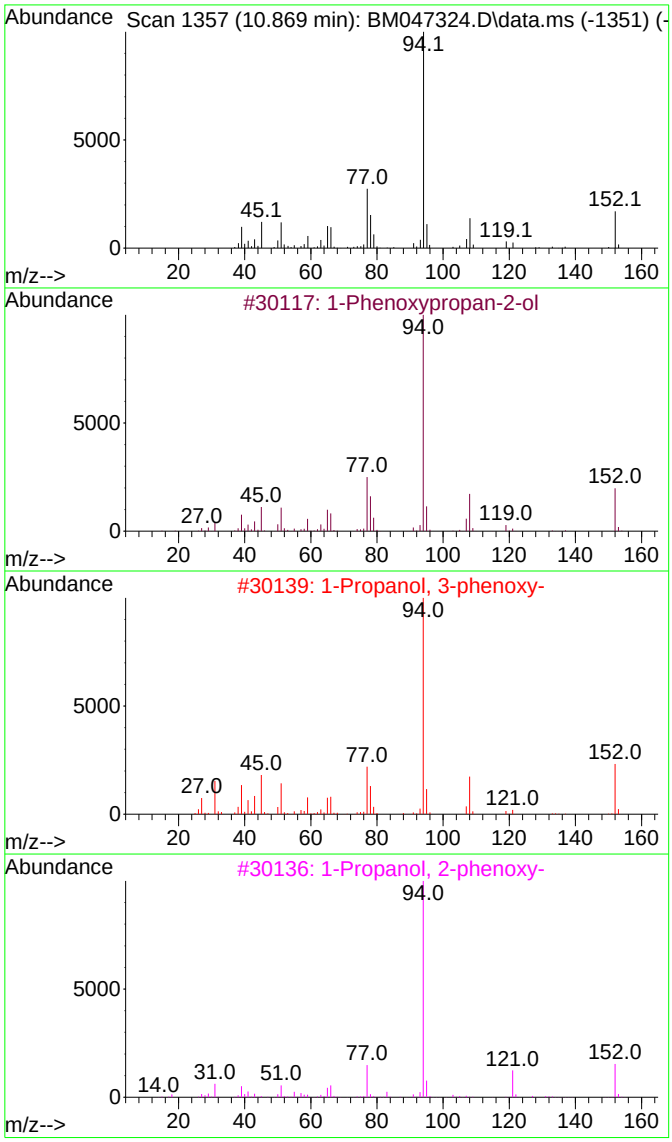
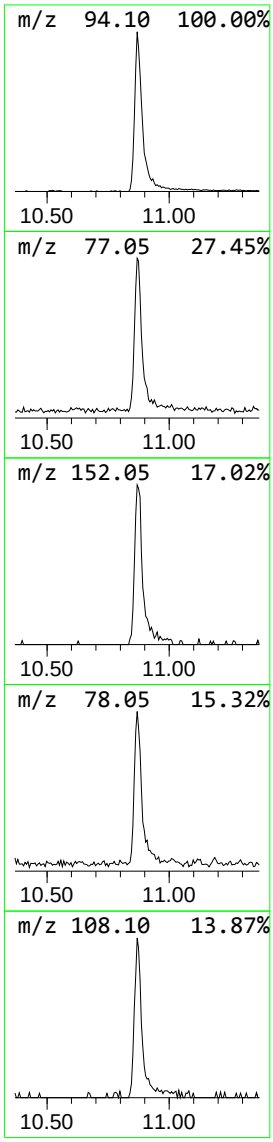
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	2.30 ng	286324	Naphthalene-d8	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	93
3	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
4	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
5	Benzene, (2-methylpropoxy)-	150	C10H14O	001126-75-6	59





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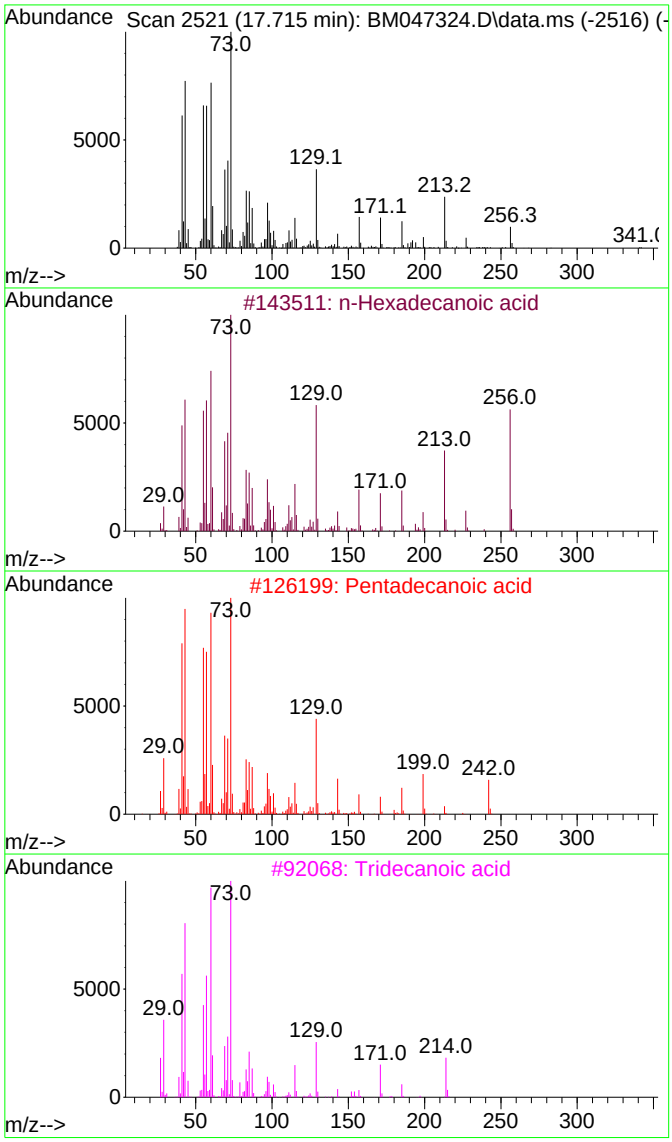
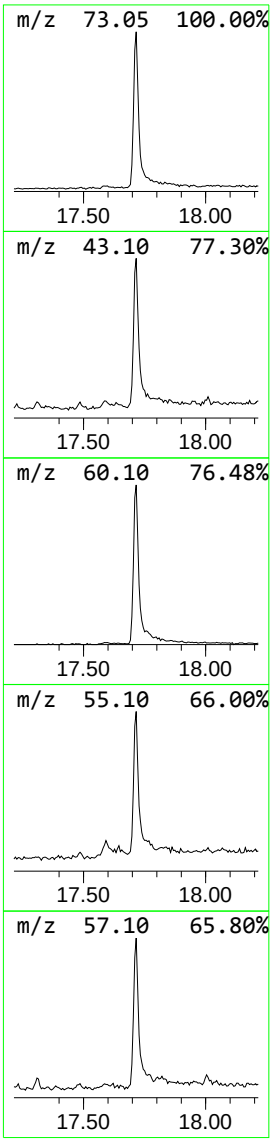
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.715	4.01 ng	762871	Phenanthrene-d10	16.774

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	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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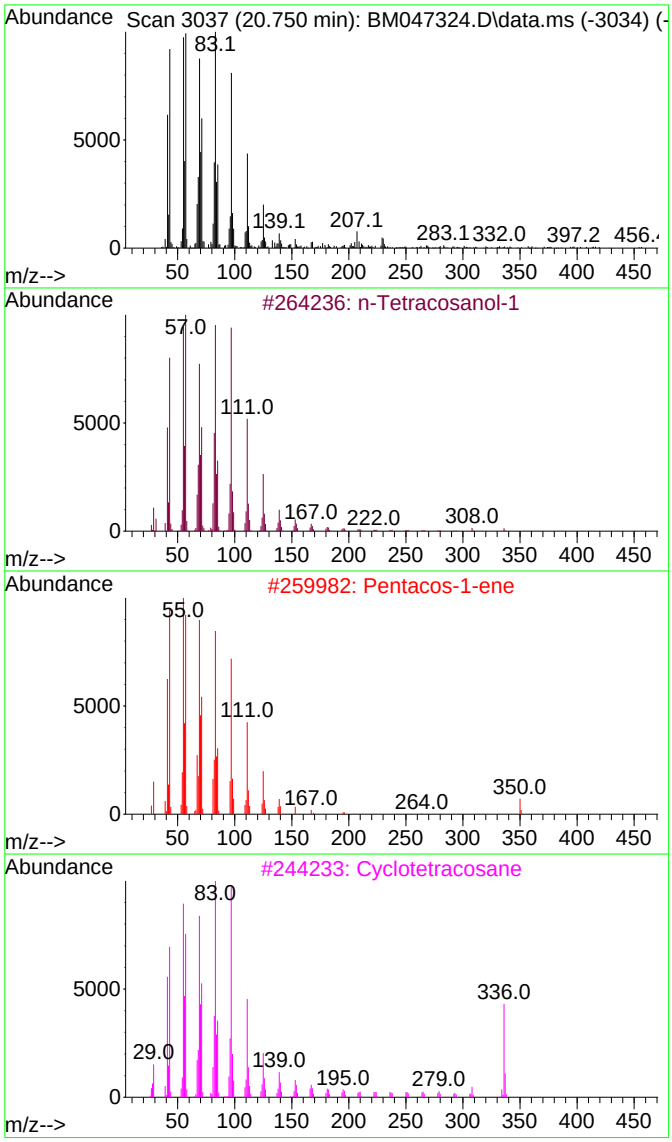
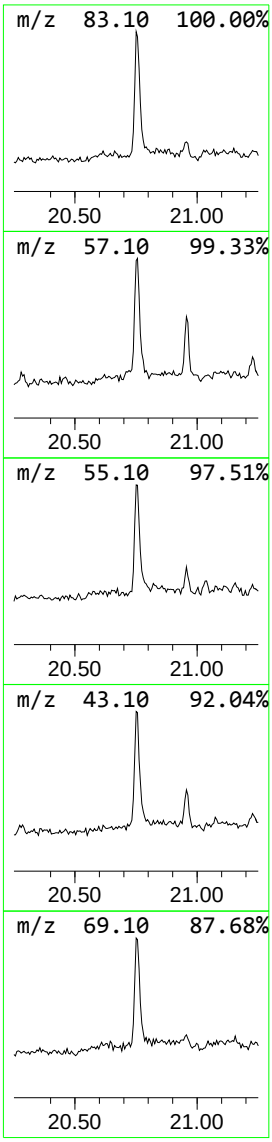
Peak Number 5 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.750	3.78 ng	623904	Chrysene-d12	21.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Cyclotetracosane	336	C24H48	000297-03-0	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	Nonacos-1-ene	406	C29H58	018835-35-3	93





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.257	2.5	ng	225686	1	7.351	1841640	20.0
2-Pentanone, 4-...	4.563	3.5	ng	321631	1	7.351	1841640	20.0
1-Phenoxypropan...	10.869	2.3	ng	286324	2	10.104	2493120	20.0
n-Hexadecanoic ...	17.715	4.0	ng	762871	4	16.774	3807450	20.0
n-Tetracosanol-1	20.750	3.8	ng	623904	5	21.015	3300670	20.0