LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

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-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050402.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	21	rVB	1194476	1726702	8.26%	1.547%
2	4.969	332	337	345	rBV	495308	722537	3.46%	0.647%
3	5.434	409	416	430	rBV	6270279	9154373	43.79%	8.203%
4	7.022	678	686	697	rBV	6111361	9660436	46.21%	8.656%
5	7.863	821	829	836	rBV	2086053	3317039	15.87%	2.972%
6	9.010	1016	1024	1040	rBV	3575240	5914930	28.30%	5.300%
7	10.657	1296	1304	1314	rBV	2614346	4295120	20.55%	3.849%
8	13.116	1714	1722	1733	rBV	8940324	12689335	60.70%	11.370%
9	14.486	1944	1955	1968	rBV	3782101	5724866	27.39%	5.130%
10	15.839	2179	2185	2193	rBV	1224857	1648152	7.88%	1.477%
11	15.968	2200	2207	2226	rBV	8263417	11153890	53.36%	9.995%
12	17.221	2414	2420	2432	rBV2	4625291	6733394	32.21%	6.034%
13	18.121	2567	2573	2582	rBV	653484	1037439	4.96%	0.930%
14	19.392	2785	2789	2799	rBV2	167105	269251	1.29%	0.241%
15	19.839	2859	2865	2875	rBV	18496604	20903770	100.00%	18.731%
16	21.127	3080	3084	3096	rBV2	475826	839586	4.02%	0.752%
17	21.445	3132	3138	3153	rBV	5341444	8222617	39.34%	7.368%
18	24.485	3646	3655	3666	rBV	3114294	7586141	36.29%	6.798%

Sum of corrected areas: 111599578

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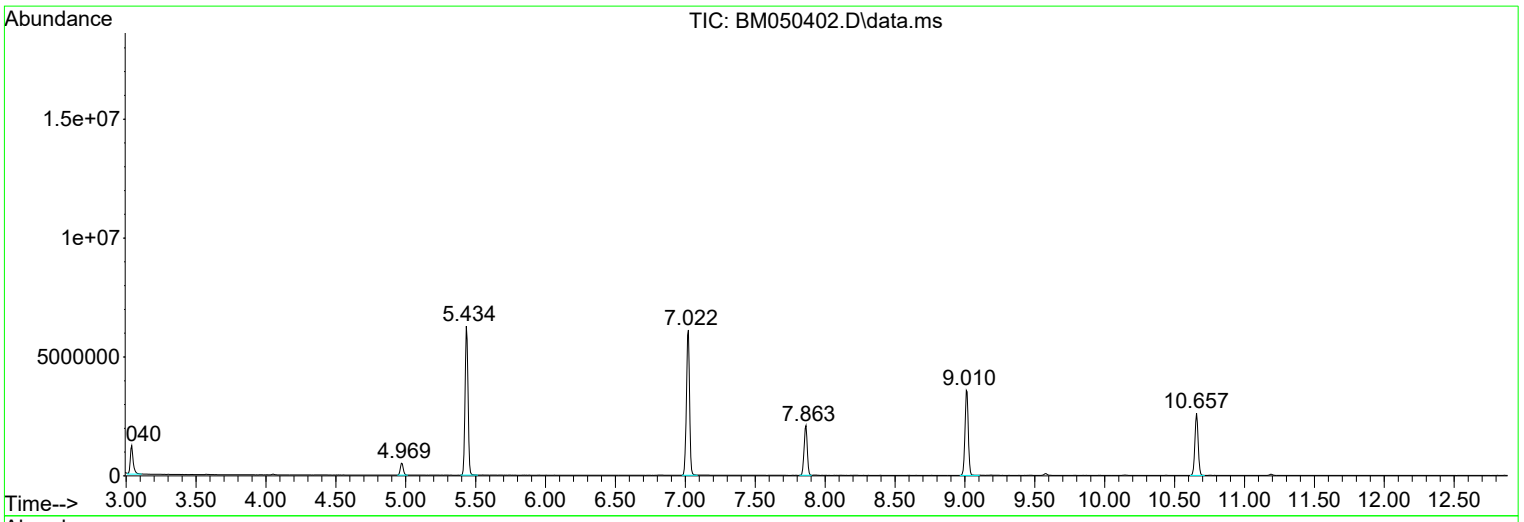
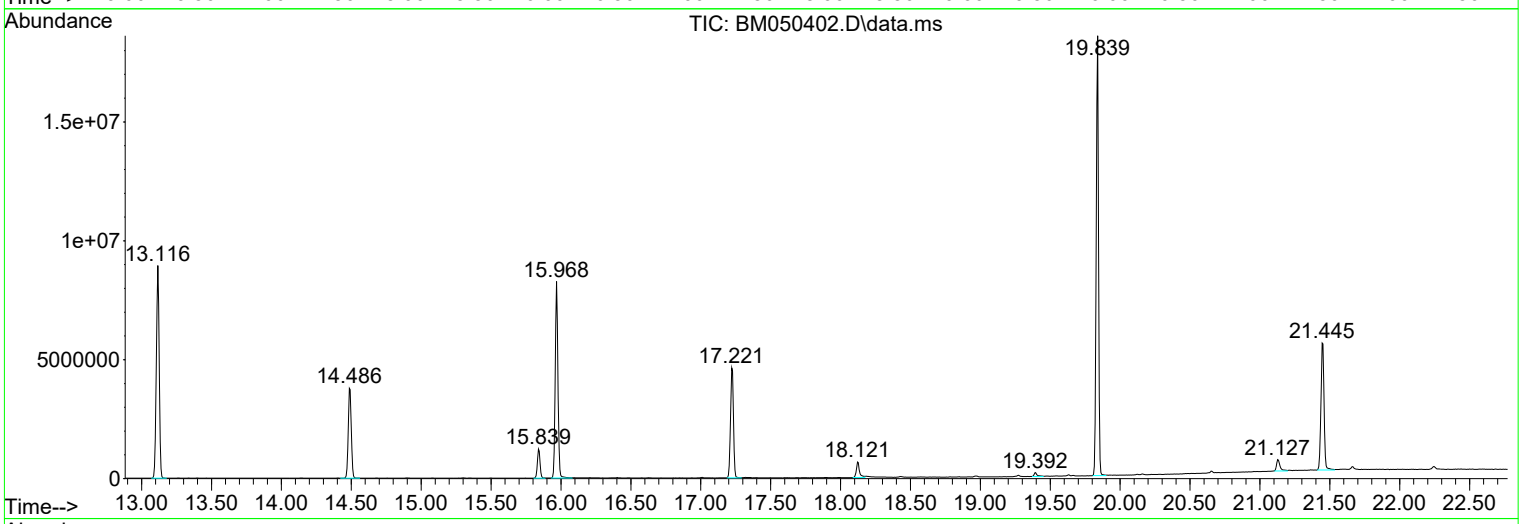
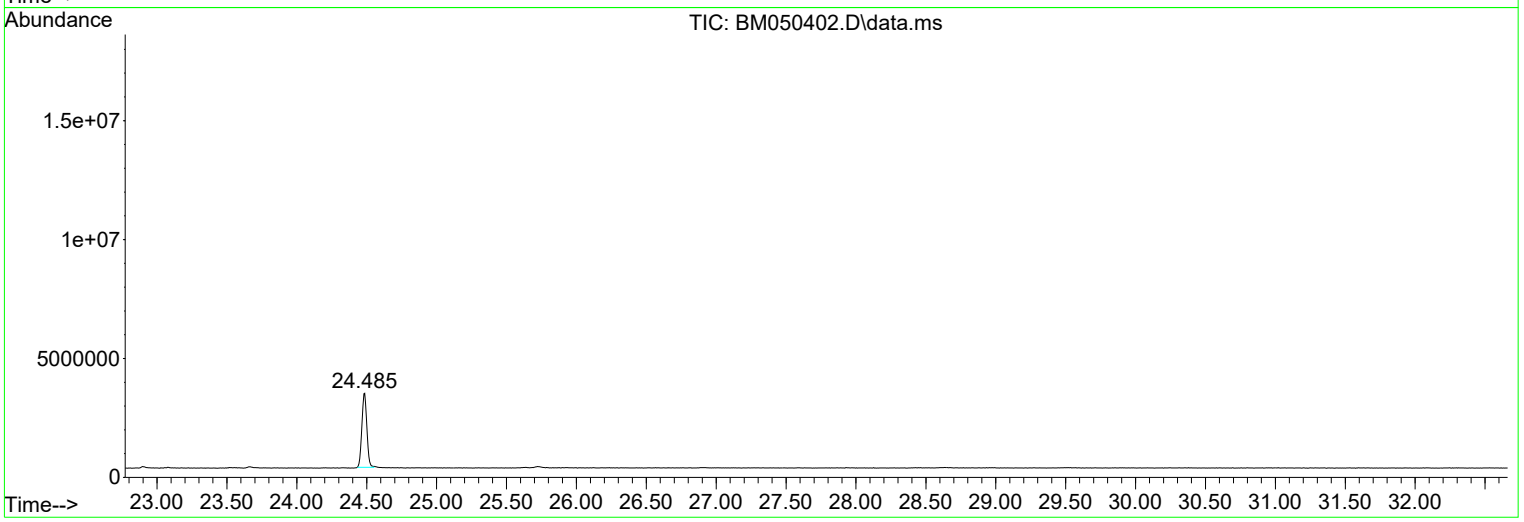
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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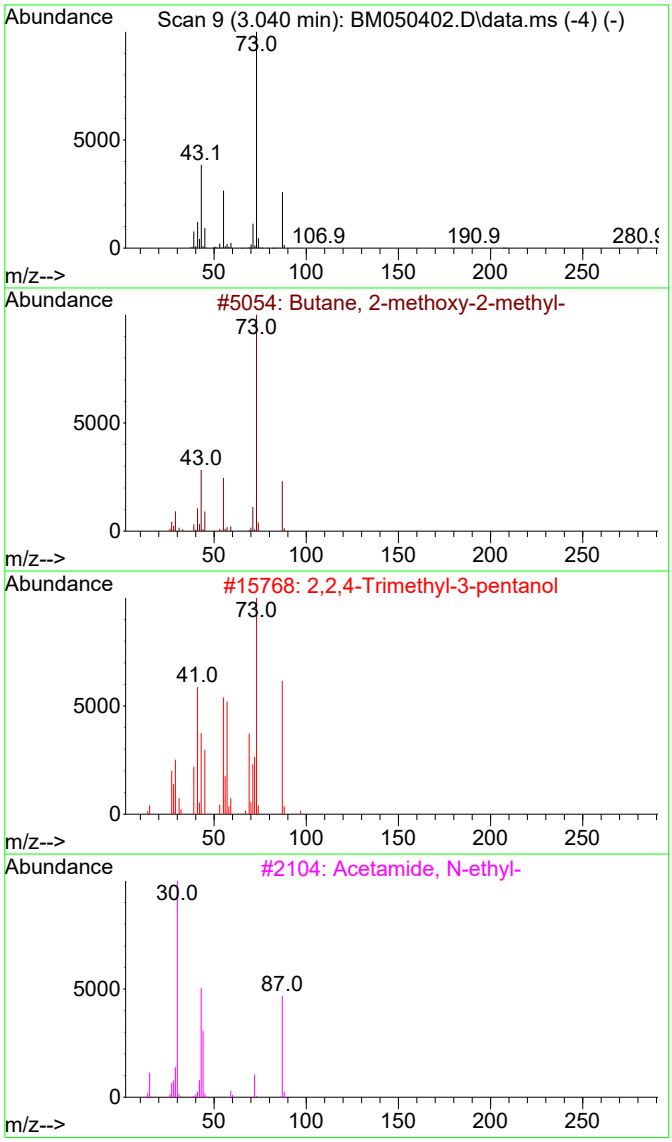
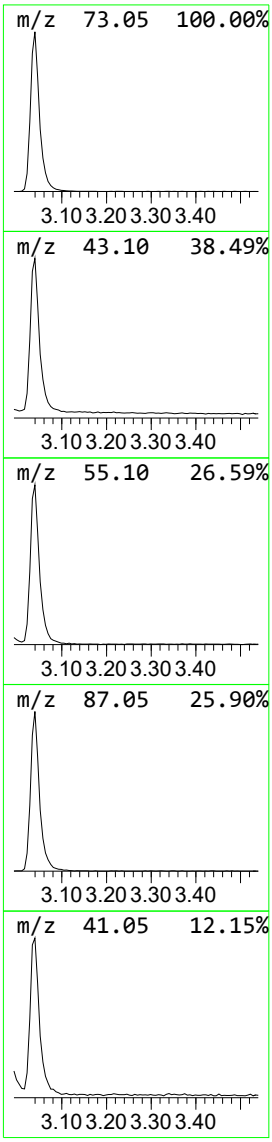
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	10.41 ng	1726700	1,4-Dichlorobenzene-d4	7.863

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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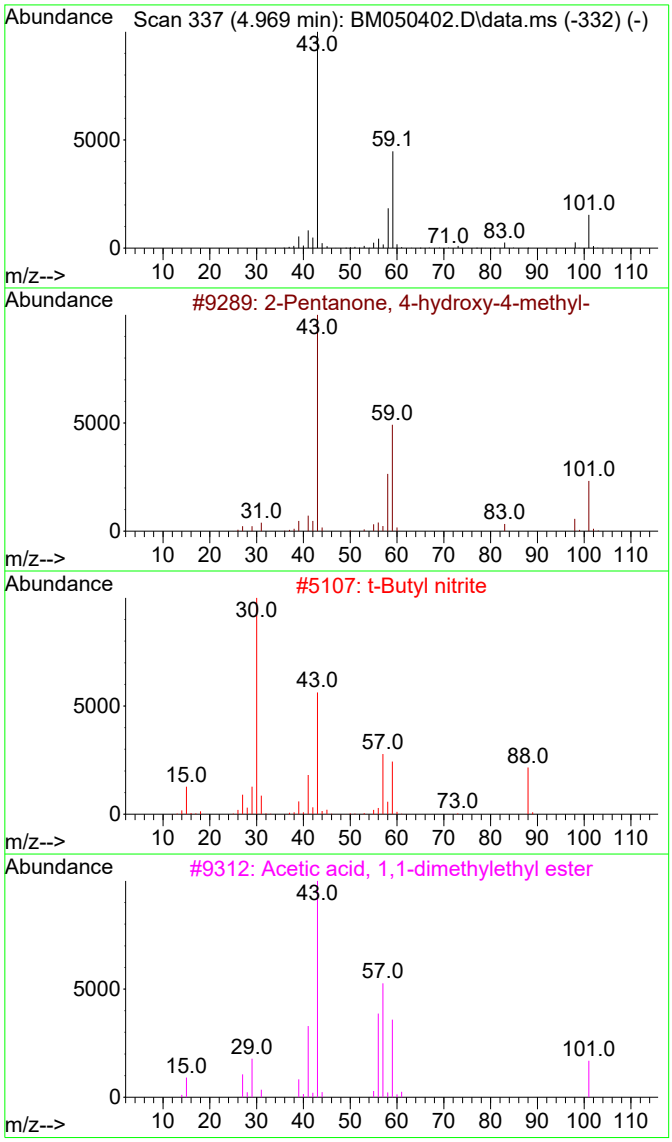
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

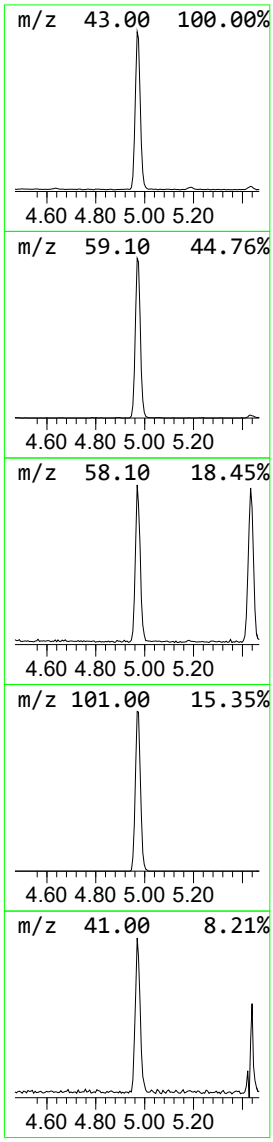
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	4.36 ng	722537	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	39
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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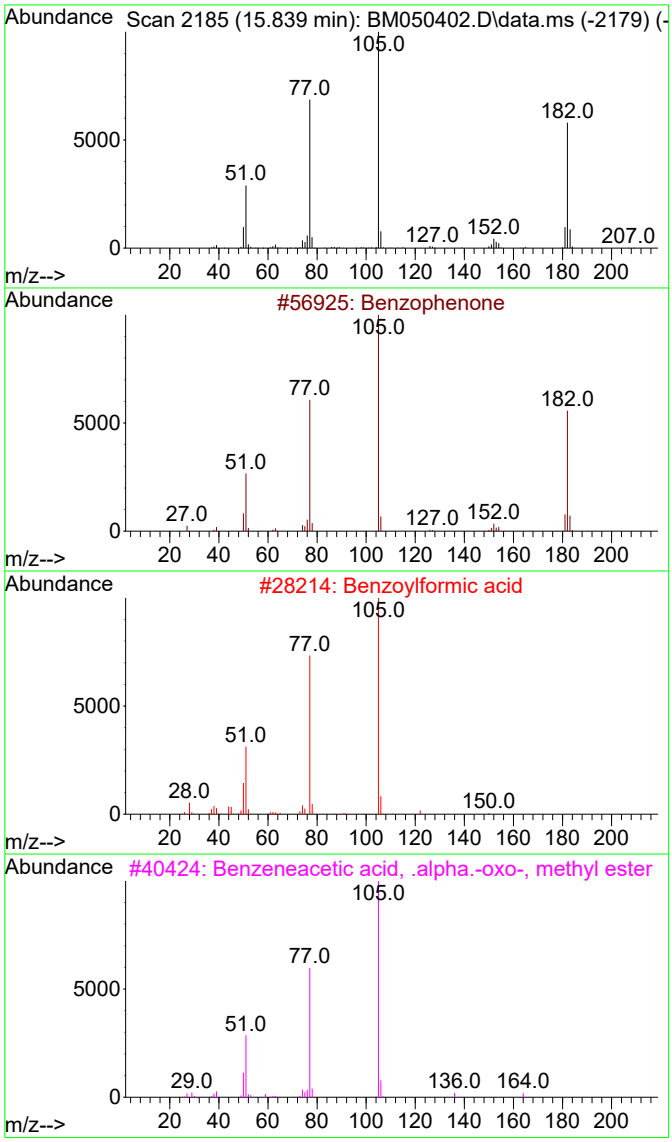
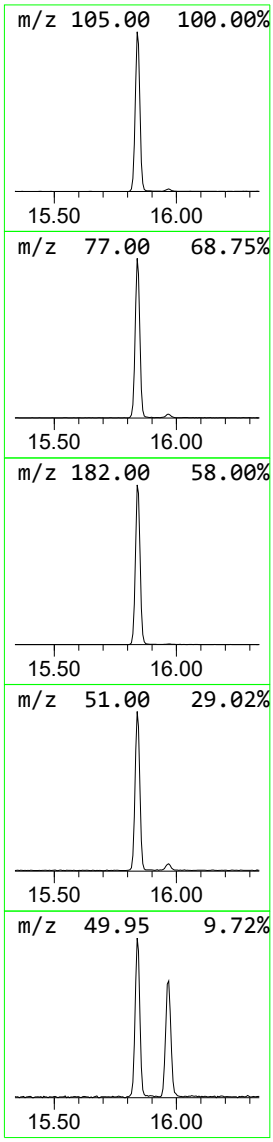
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	5.76 ng	1648150	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoylformic acid	150	C8H6O3	000611-73-4	49
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
4	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47
5	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47





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TIC Library : C:\Database\NIST20.L
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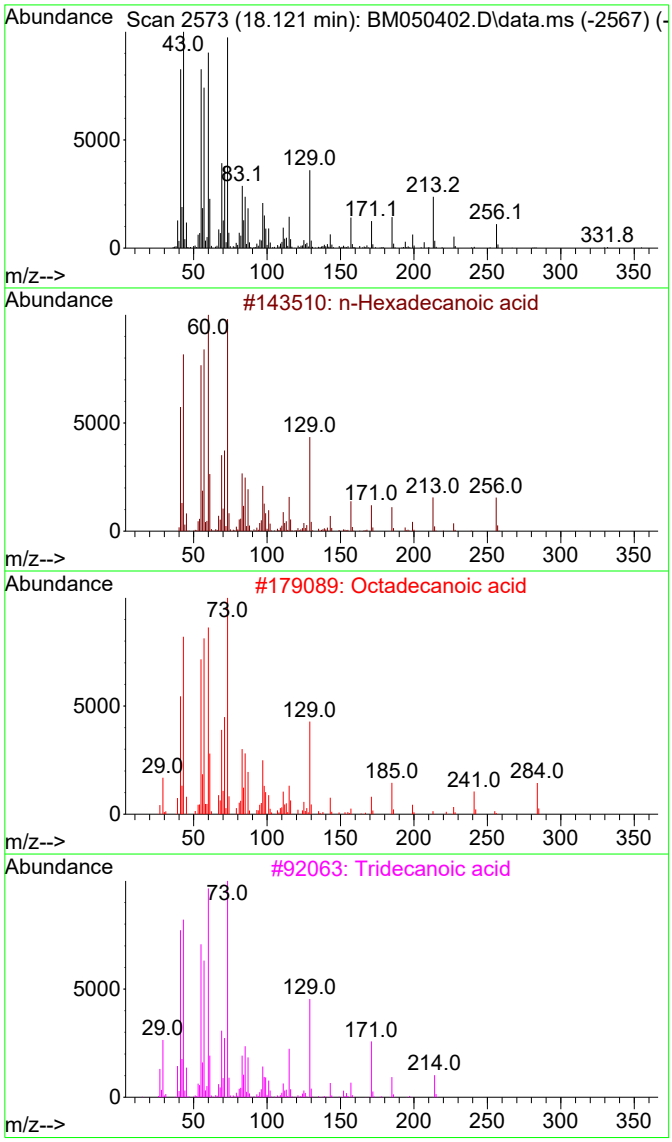
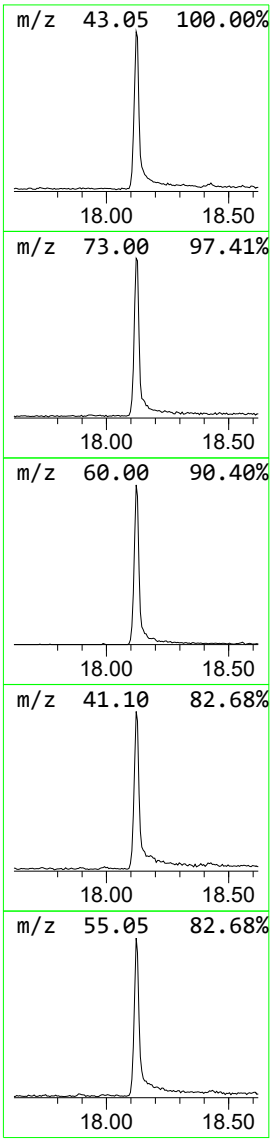
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	3.08 ng	1037440	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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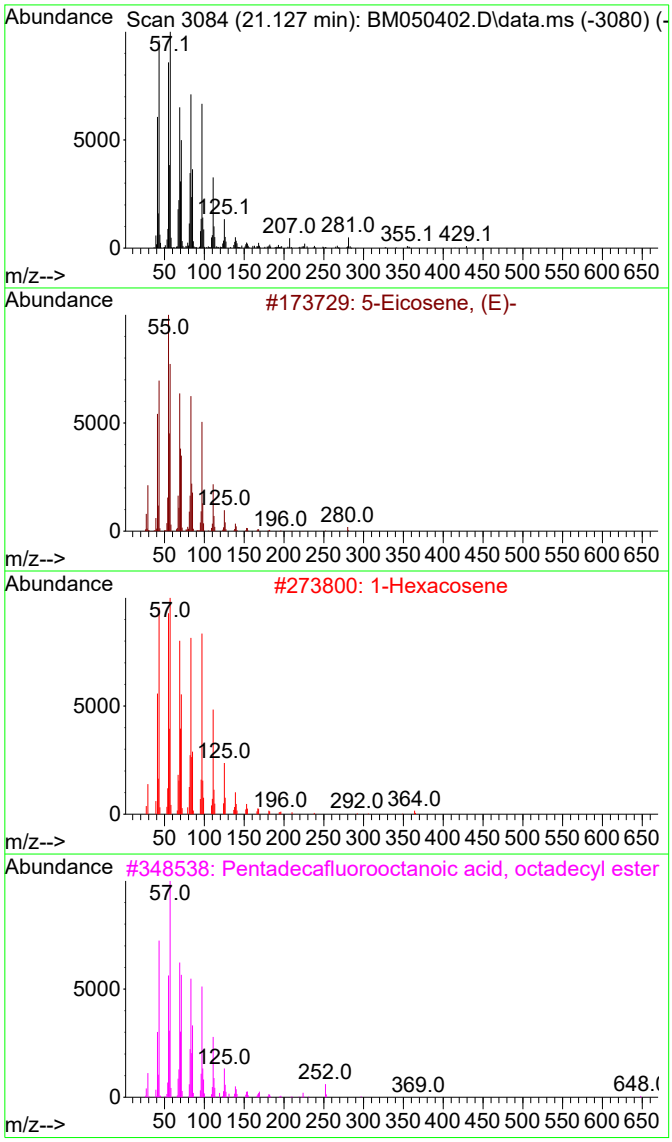
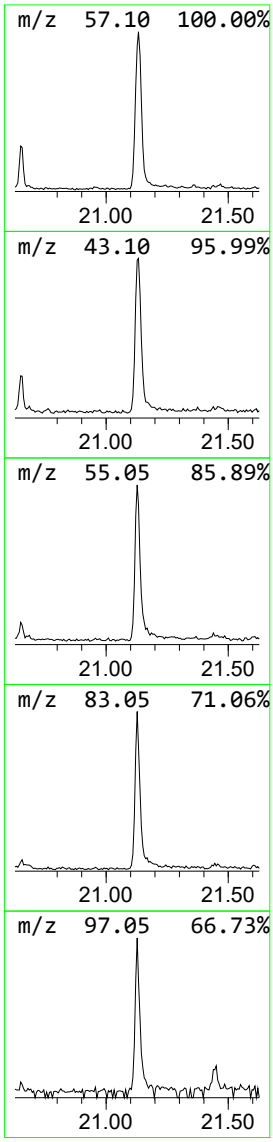
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	2.04 ng	839586	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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...	3.040	10.4	ng	1726700	1	7.863	3317040	20.0
2-Pentanone, 4-...	4.969	4.4	ng	722537	1	7.863	3317040	20.0
Benzophenone	15.839	5.8	ng	1648150	3	14.492	5724870	20.0
n-Hexadecanoic ...	18.121	3.1	ng	1037440	4	17.221	6733390	20.0
5-Eicosene, (E)-	21.127	2.0	ng	839586	5	21.445	8222620	20.0