LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049937.D
Acq On : 15 Apr 2025 16:33
Operator : RC/JU
Sample : Q1807-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-041425

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049937.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	318	323	333	rBV	1386112	1942477	17.43%	2.485%
2	5.358	396	403	420	rBV	4427053	6365280	57.12%	8.144%
3	5.964	500	506	518	rVB	501067	734738	6.59%	0.940%
4	6.952	666	674	690	rBV	3980786	6485160	58.20%	8.298%
5	7.769	806	813	823	rBV	1602440	2514782	22.57%	3.218%
6	8.928	1001	1010	1023	rBV	2412260	4013585	36.02%	5.135%
7	9.499	1100	1107	1112	rBV	68349	120620	1.08%	0.154%
8	10.563	1281	1288	1303	rBV	1789000	2973521	26.69%	3.805%
9	13.034	1701	1708	1723	rBV	6185542	9008655	80.85%	11.527%
10	14.416	1935	1943	1951	rBV	2499904	3693394	33.15%	4.726%
11	15.775	2168	2174	2181	rBV	1023172	1412689	12.68%	1.808%
12	15.904	2189	2196	2214	rBV	5293565	7490457	67.22%	9.584%
13	17.163	2403	2410	2414	rBV	2727681	3905439	35.05%	4.997%
14	17.198	2414	2416	2422	rVB	148385	202122	1.81%	0.259%
15	18.063	2558	2563	2572	rBV	342069	845769	7.59%	1.082%
16	19.221	2756	2760	2766	rBV	243115	369479	3.32%	0.473%
17	19.345	2775	2781	2800	rBV	2128403	5168661	46.38%	6.613%
18	19.786	2851	2856	2861	rBV	9422461	11142967	100.00%	14.257%
19	21.398	3125	3130	3135	rBV	2948009	4141936	37.17%	5.300%
20	24.403	3634	3641	3658	rVB	2067121	5624098	50.47%	7.196%

Sum of corrected areas: 78155829

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ClientSampleId :
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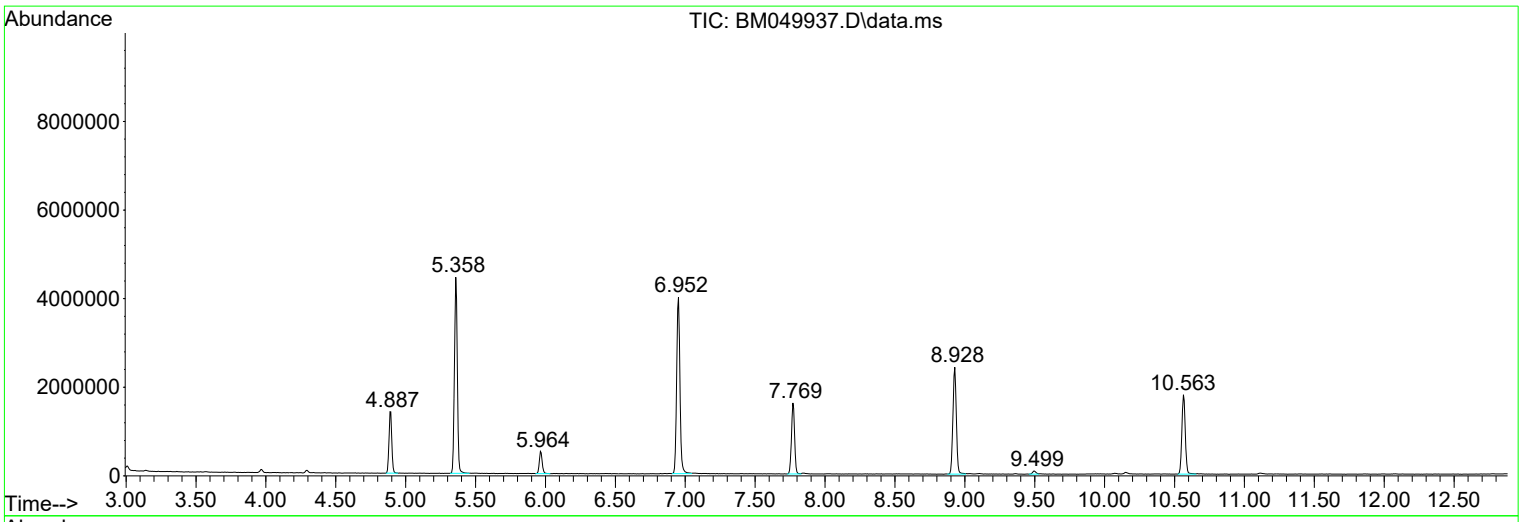
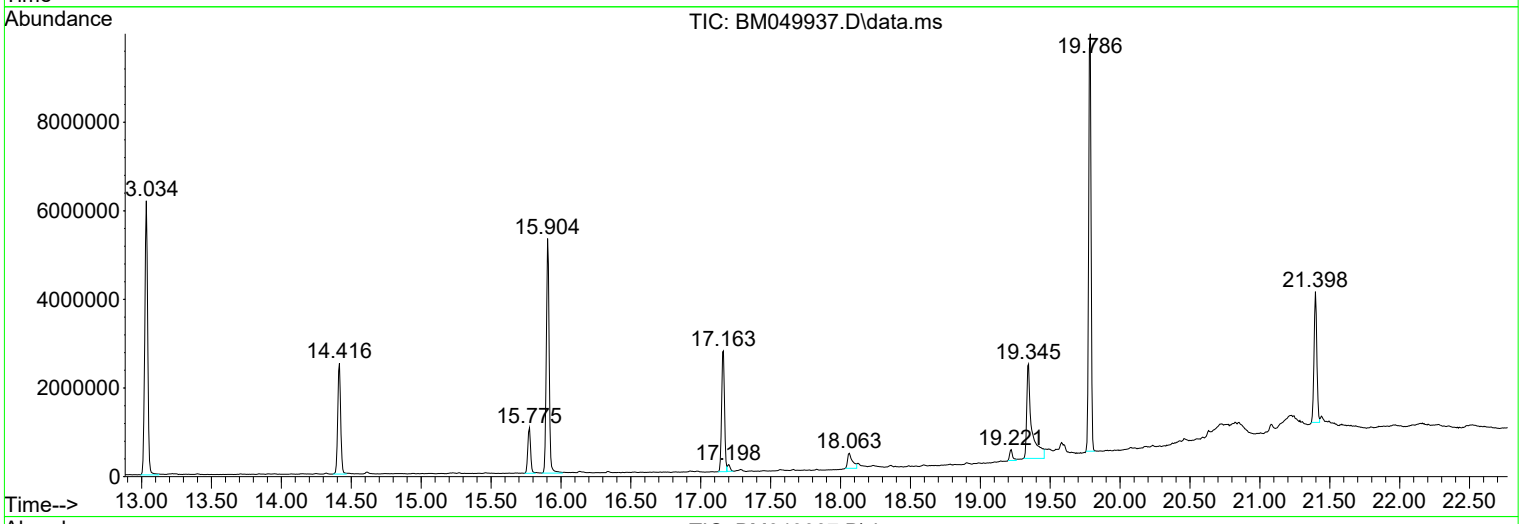
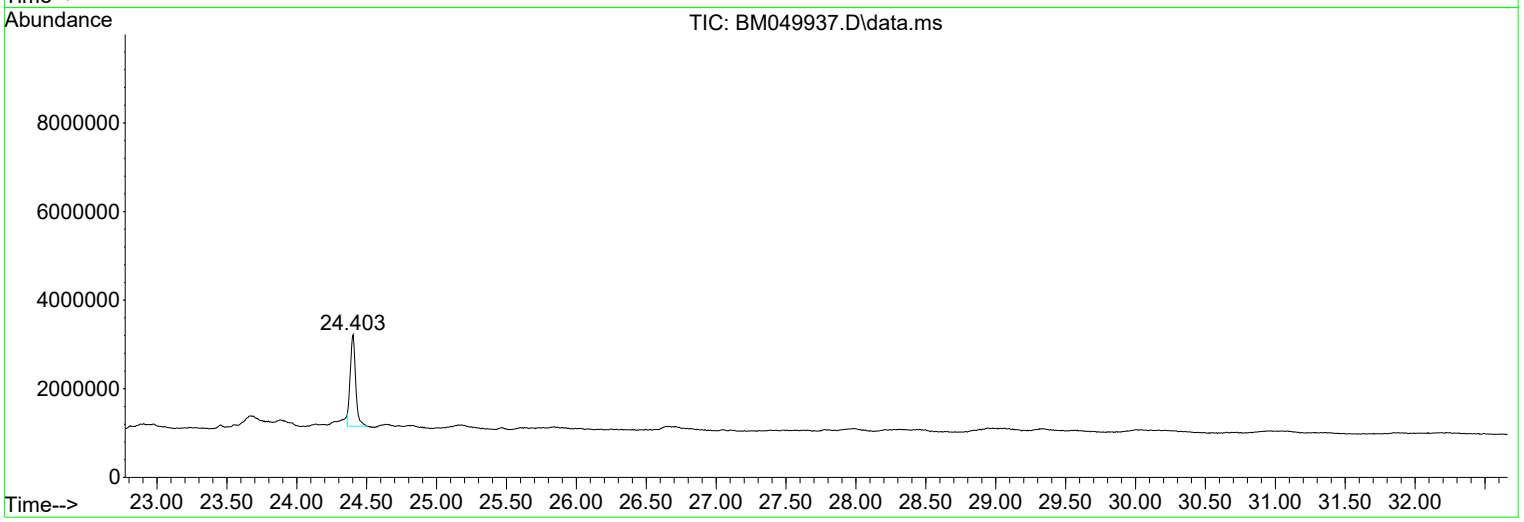
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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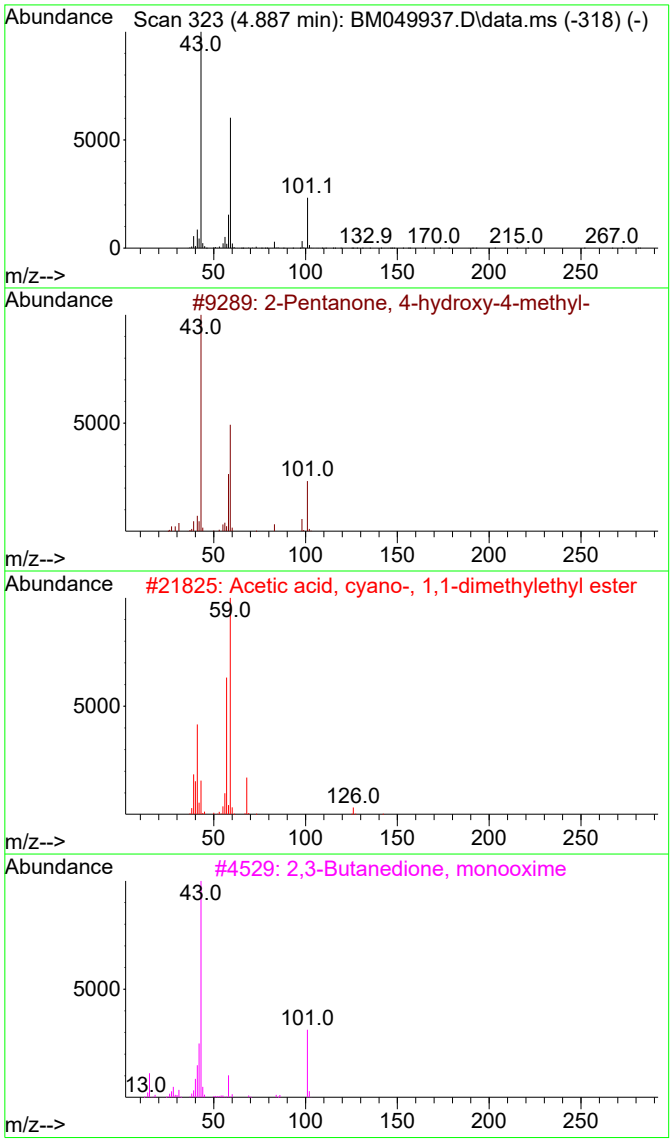
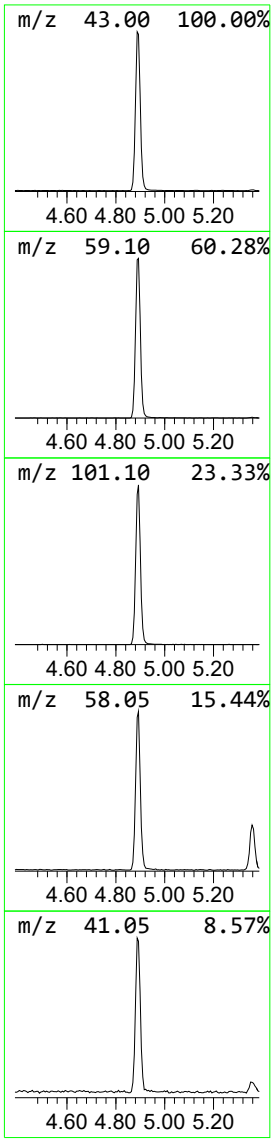
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	15.45 ng	1942480	1,4-Dichlorobenzene-d4	7.769

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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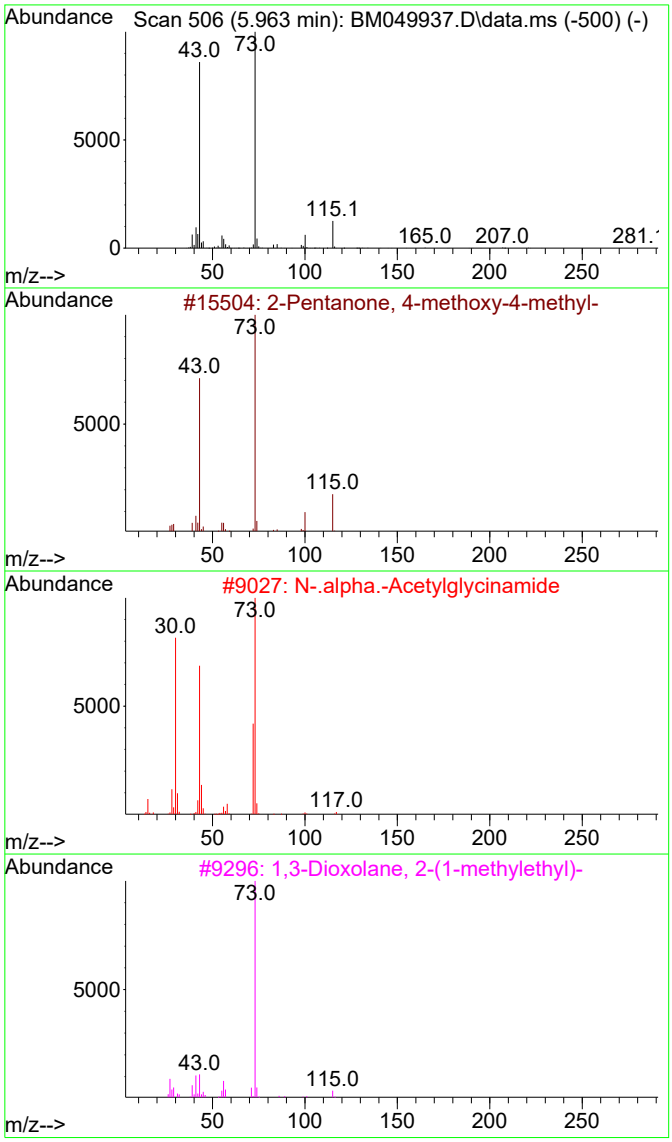
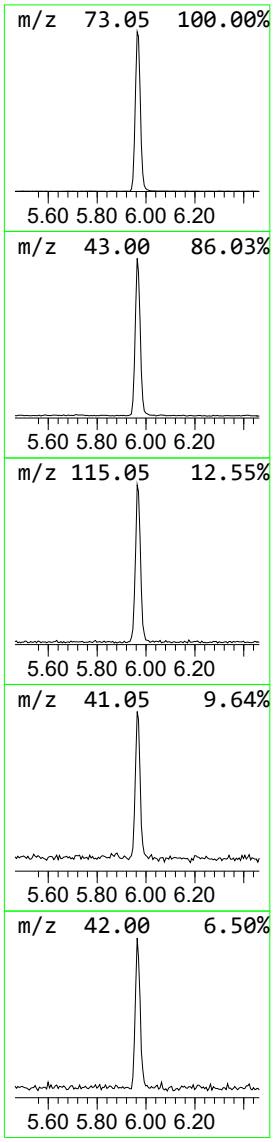
****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.963	5.84 ng	734738	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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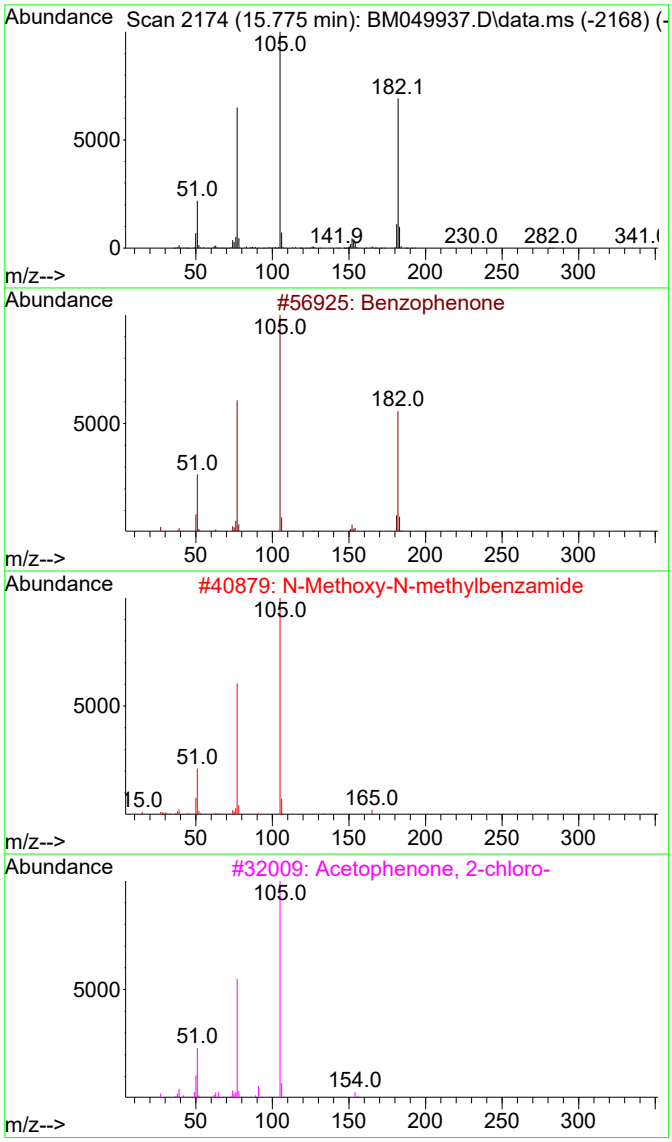
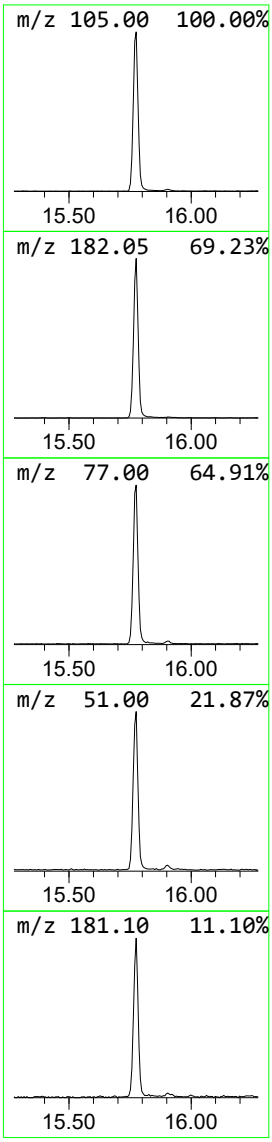
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.775	7.65 ng	1412690	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
4	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	43
5	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43





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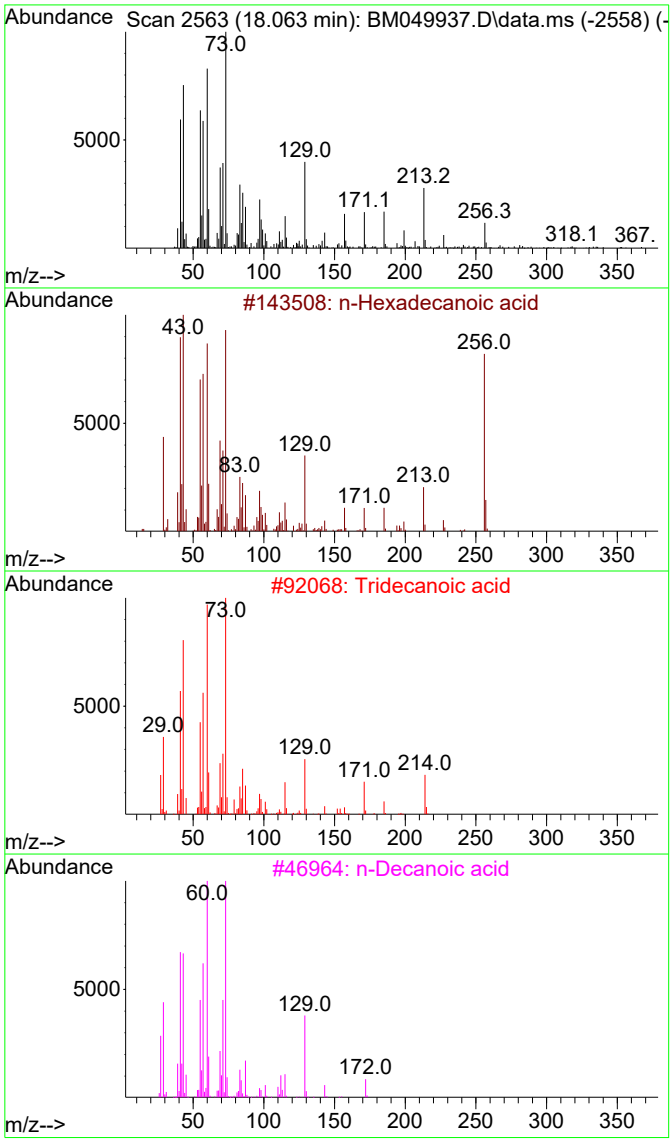
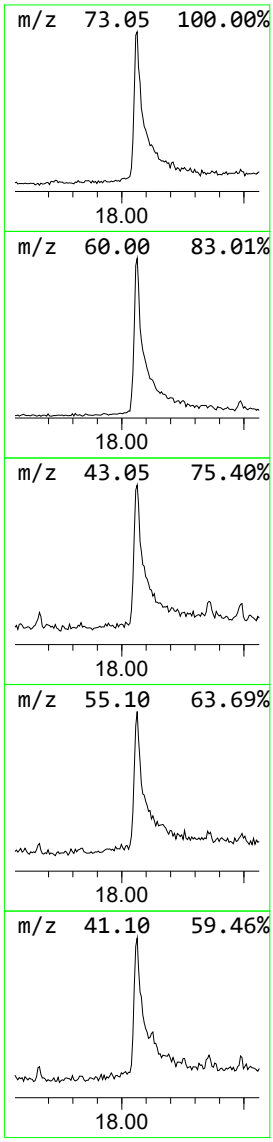
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	4.33 ng	845769	Phenanthrene-d10	17.163

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	89
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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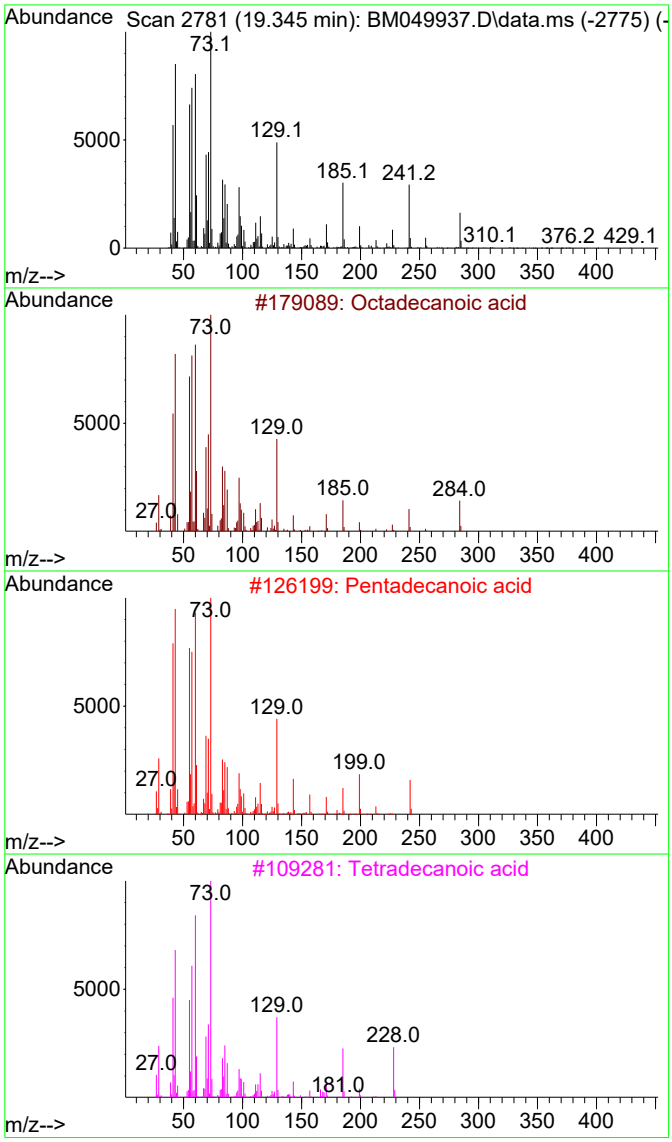
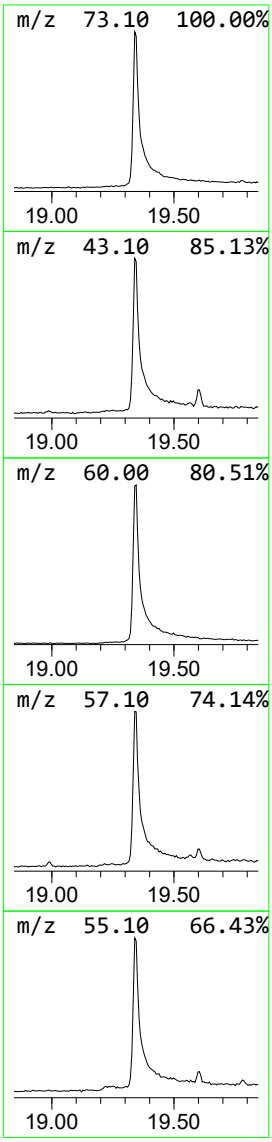
****

Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	24.96 ng	5168660	Chrysene-d12	21.398

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.887	15.4	ng	1942480	1	7.769	2514780	20.0
2-Pentanone, 4-...	5.963	5.8	ng	734738	1	7.769	2514780	20.0
Benzophenone	15.775	7.7	ng	1412690	3	14.416	3693390	20.0
n-Hexadecanoic ...	18.063	4.3	ng	845769	4	17.163	3905440	20.0
Octadecanoic acid	19.345	25.0	ng	5168660	5	21.398	4141940	20.0