LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
Data File : BM049808.D
Acq On : 03 Apr 2025 16:35
Operator : RC/JU
Sample : Q1693-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WCS-TP-1

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-BM031325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049808.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	3.016	3	5	12	rVB	114600	156174	1.26%	0.243%
2	4.905	320	326	334	rBV	794223	1106283	8.91%	1.725%
3	5.369	399	405	413	rBV	4295221	5939741	47.83%	9.260%
4	5.981	504	509	518	rVB	133856	190917	1.54%	0.298%
5	6.957	668	675	687	rBV	4067273	6072573	48.90%	9.467%
6	7.787	809	816	823	rVB	1140237	1736222	13.98%	2.707%
7	8.940	1005	1012	1022	rBV	2360381	3644510	29.35%	5.682%
8	10.581	1283	1291	1299	rBV	1331349	2169703	17.47%	3.383%
9	13.051	1703	1711	1727	rBV	5861043	8581777	69.11%	13.379%
10	14.427	1933	1945	1958	rBV	1992948	2847067	22.93%	4.439%
11	15.786	2169	2176	2184	rBV	392518	533764	4.30%	0.832%
12	15.916	2191	2198	2216	rBV	4876188	6650601	53.56%	10.368%
13	17.168	2405	2411	2422	rBV	2314365	3175329	25.57%	4.950%
14	18.068	2559	2564	2572	rBV	358458	517806	4.17%	0.807%
15	18.933	2707	2711	2720	rBV3	115698	207732	1.67%	0.324%
16	19.345	2778	2781	2788	rBV2	99105	154403	1.24%	0.241%
17	19.792	2852	2857	2863	rBV	11146475	12418122	100.00%	19.360%
18	20.086	2903	2907	2910	rBV4	102183	152930	1.23%	0.238%
19	21.086	3073	3077	3085	rBV2	294719	555794	4.48%	0.866%
20	21.403	3125	3131	3139	rBV	2554113	3562557	28.69%	5.554%
21	24.403	3633	3641	3657	rVB	1450539	3768504	30.35%	5.875%

Sum of corrected areas: 64142509

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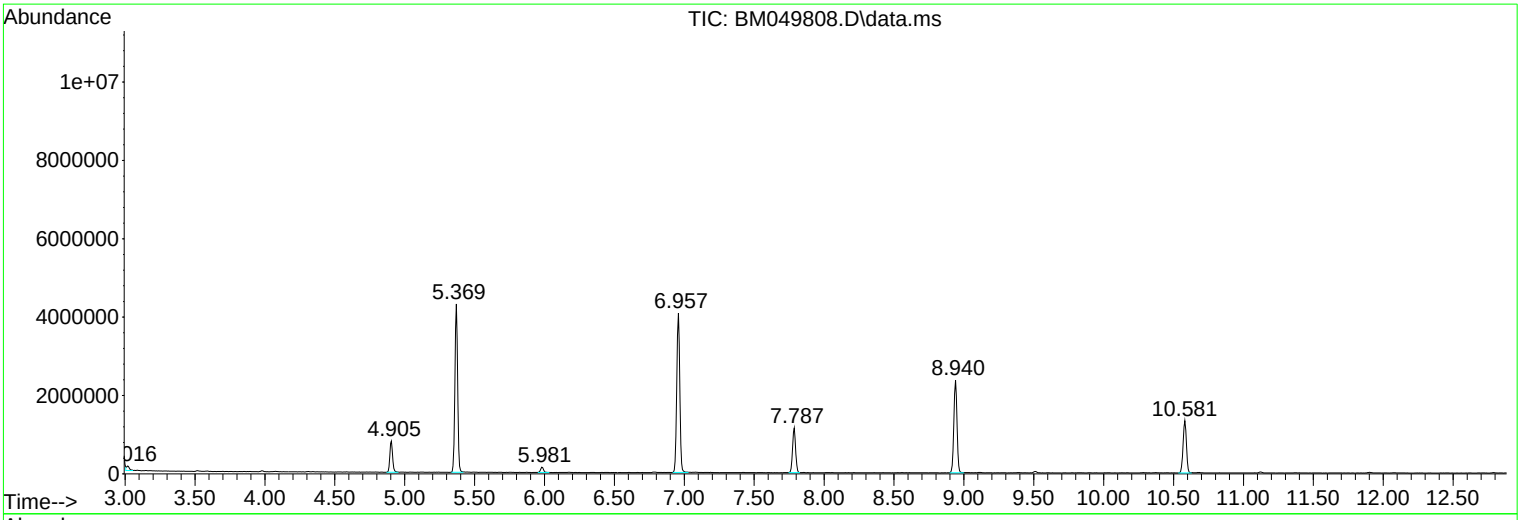
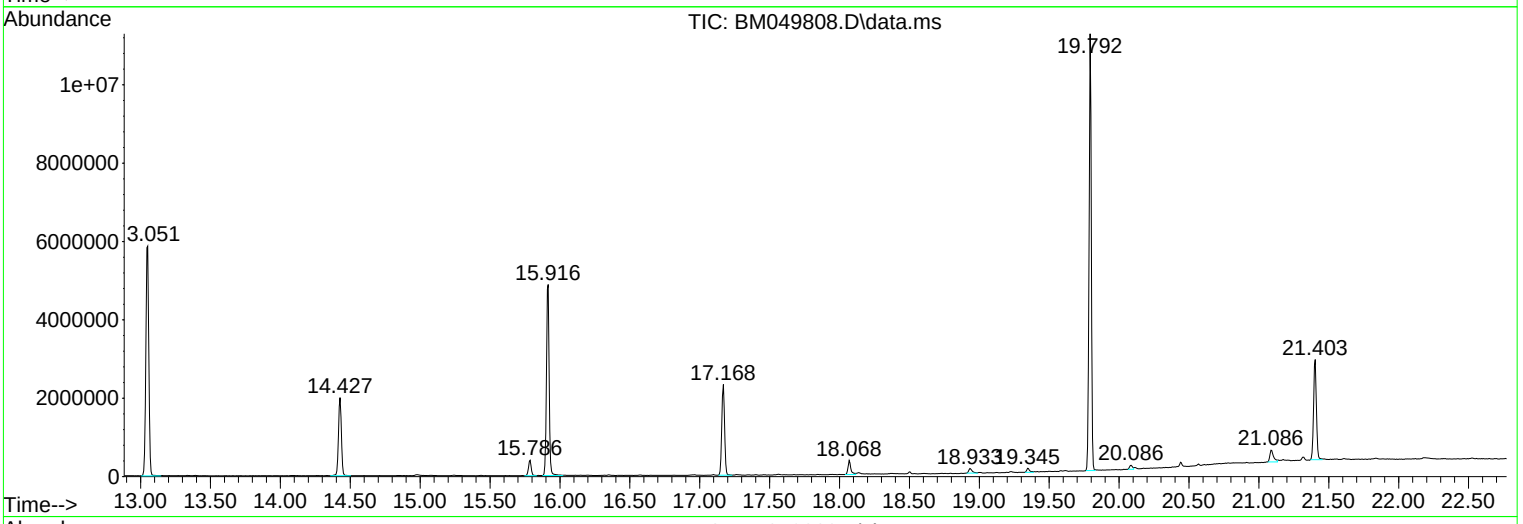
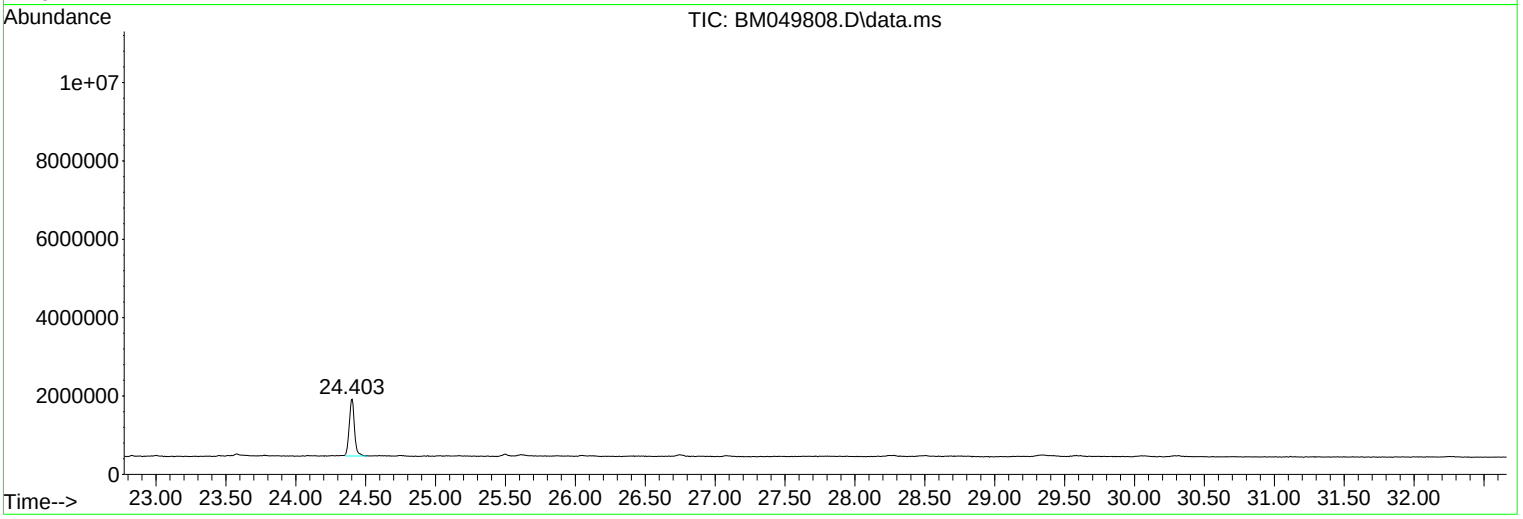
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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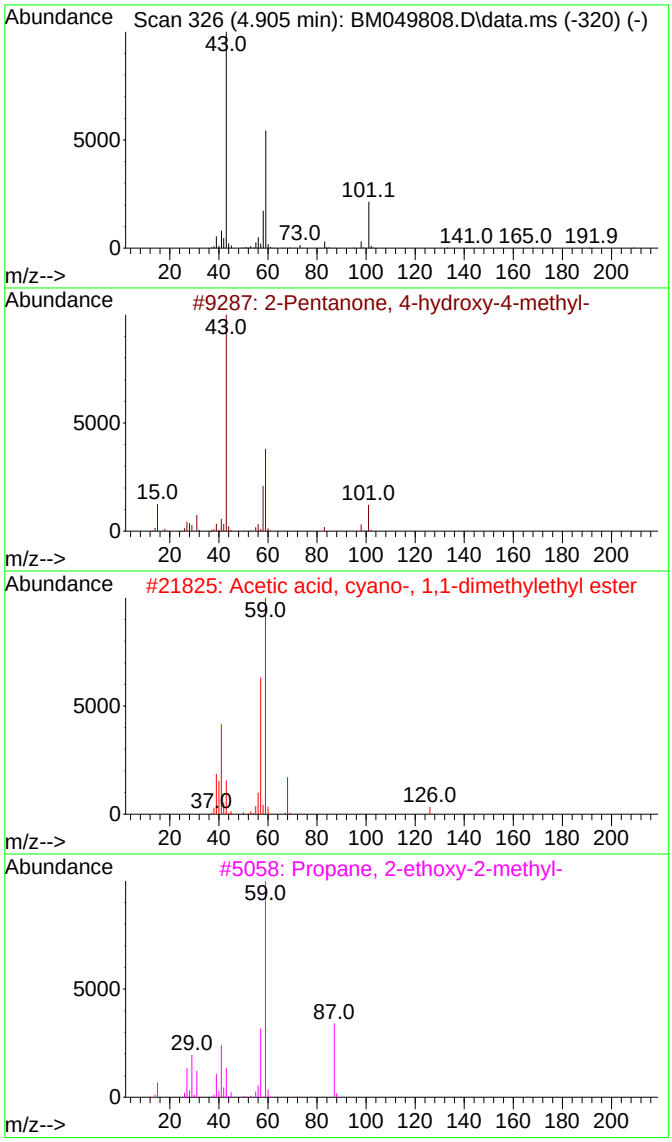
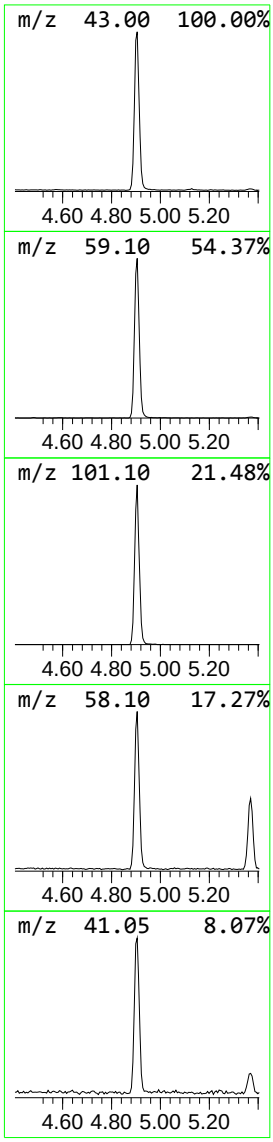
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.905	12.74 ng	1106280	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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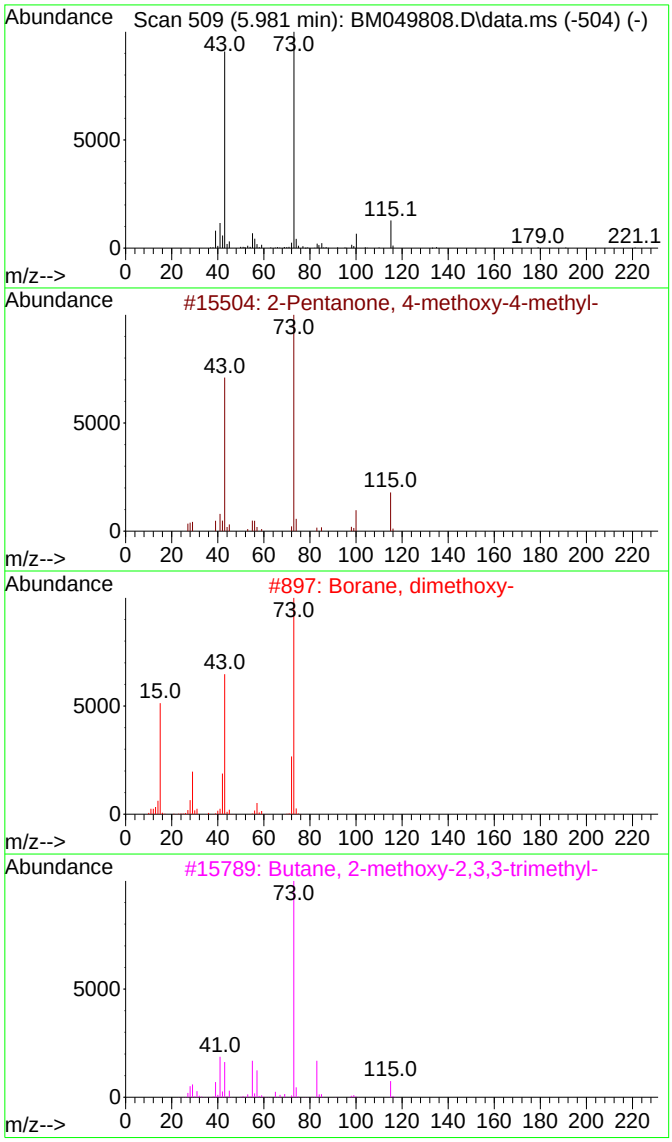
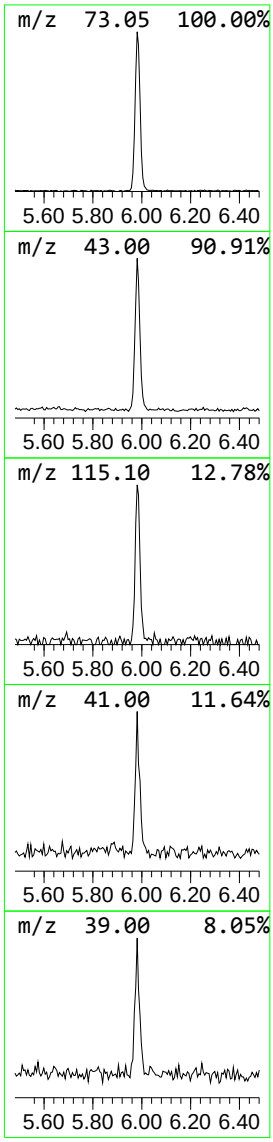
****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.981	2.20 ng	190917	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	38
3	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	25
4	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	25
5	2,3-Dimethoxy-2,3-dimethylbutane	146	C8H18O2	006091-59-4	25





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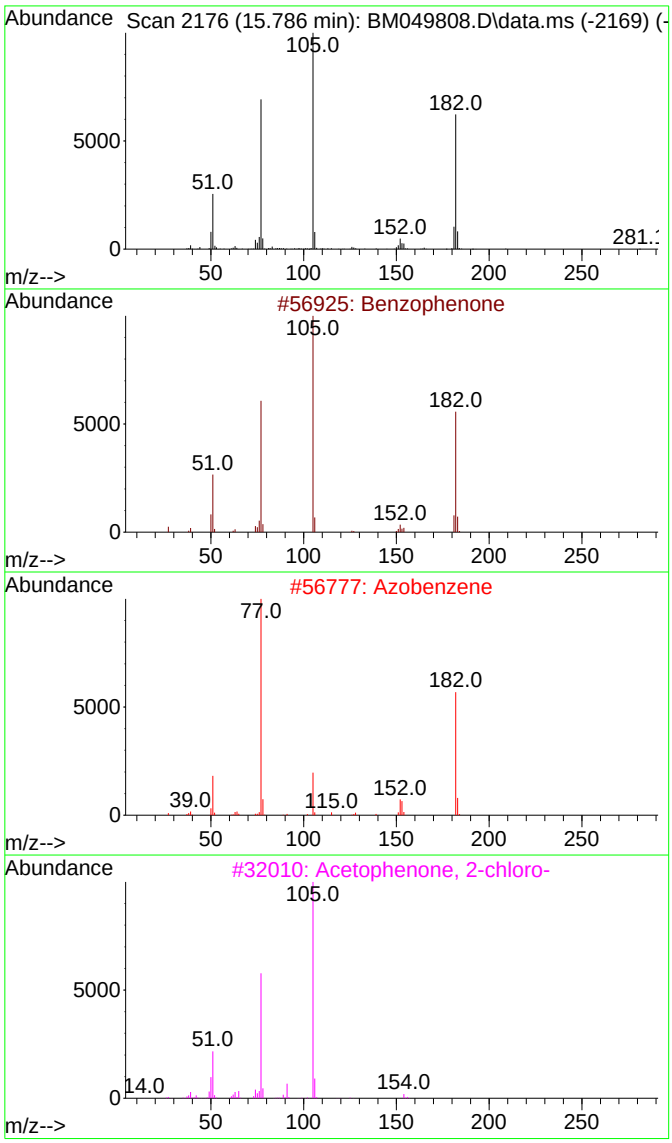
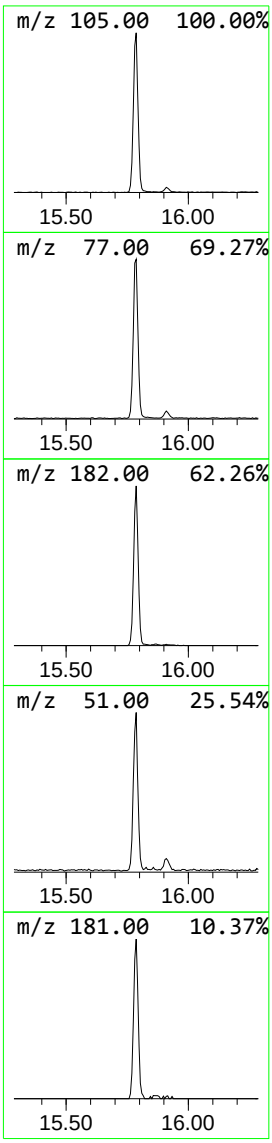
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	3.75 ng	533764	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
5	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47





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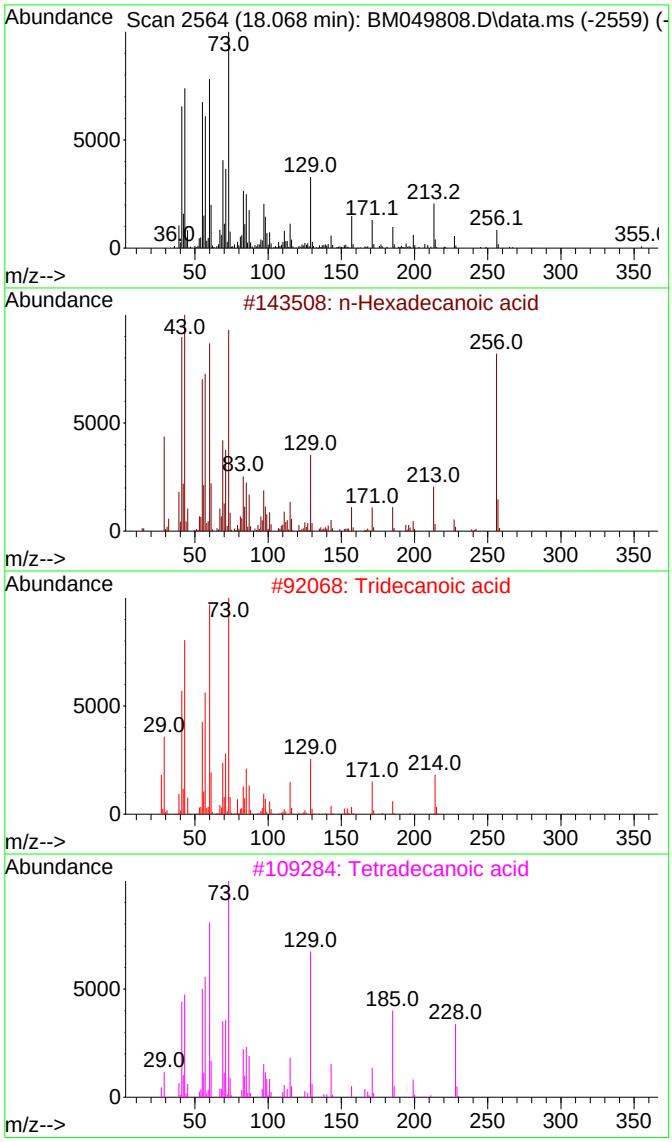
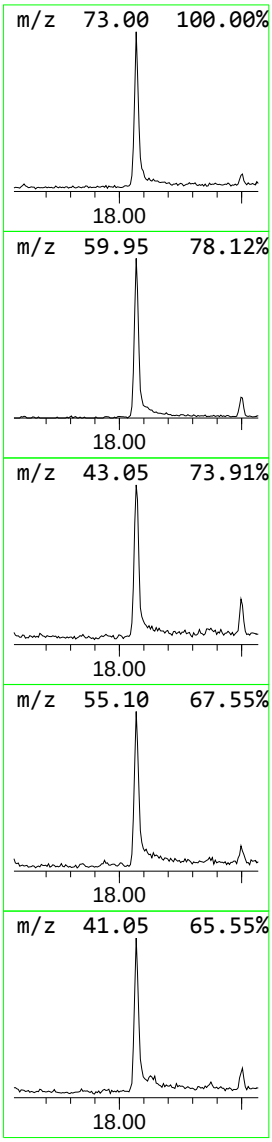
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.068	3.26 ng	517806	Phenanthrene-d10	17.169

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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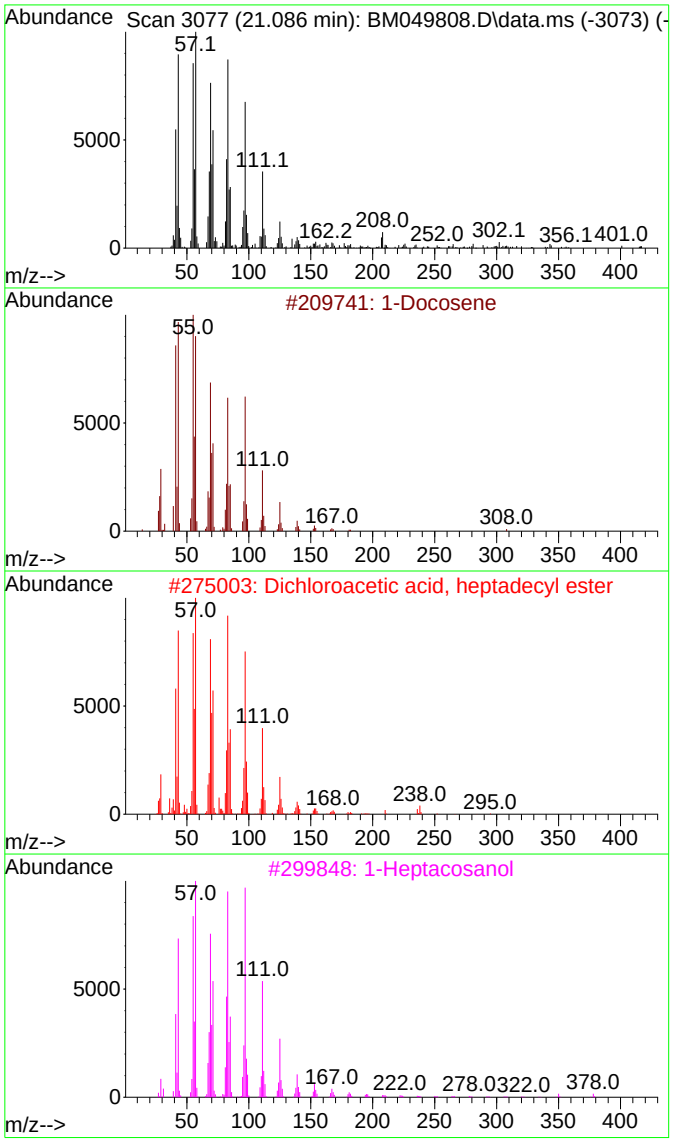
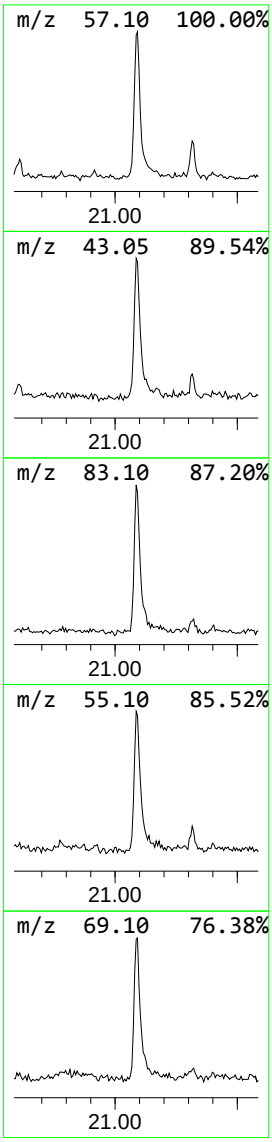
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	3.12 ng	555794	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





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-...	4.905	12.7	ng	1106280	1	7.787	1736220	20.0
2-Pentanone, 4-...	5.981	2.2	ng	190917	1	7.787	1736220	20.0
Benzophenone	15.786	3.8	ng	533764	3	14.428	2847070	20.0
n-Hexadecanoic ...	18.068	3.3	ng	517806	4	17.169	3175330	20.0
1-Docosene	21.086	3.1	ng	555794	5	21.404	3562560	20.0