LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049958.D
Acq On : 16 Apr 2025 18:42
Operator : RC/JU
Sample : Q1808-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LAW-25-0060

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: BM049958.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	317	323	333	rBV	2136189	2878414	20.92%	3.458%
2	5.357	396	403	421	rBV	4438729	6471837	47.04%	7.775%
3	5.963	500	506	518	rVB	514186	744679	5.41%	0.895%
4	6.951	666	674	689	rBV	3966345	6610264	48.05%	7.941%
5	7.769	805	813	821	rBV	1450156	2293738	16.67%	2.755%
6	8.922	1002	1009	1022	rBV	2433830	4203268	30.55%	5.049%
7	10.563	1280	1288	1300	rBV	1692094	2847795	20.70%	3.421%
8	13.033	1700	1708	1728	rBV	7443595	11033570	80.20%	13.255%
9	14.416	1934	1943	1951	rBV	2593226	3963670	28.81%	4.762%
10	14.939	2028	2032	2041	rBV3	74645	158390	1.15%	0.190%
11	15.204	2072	2077	2085	rBV3	200857	353394	2.57%	0.425%
12	15.768	2168	2173	2180	rBV	1165226	1736835	12.62%	2.086%
13	15.904	2190	2196	2203	rBV	6083591	8765104	63.71%	10.530%
14	16.157	2235	2239	2244	rVB	711849	1028450	7.48%	1.235%
15	17.157	2405	2409	2415	rBV2	3057781	4558097	33.13%	5.476%
16	18.068	2560	2564	2568	rBV2	2105304	3077294	22.37%	3.697%
17	19.786	2852	2856	2865	rVB	10987191	13757910	100.00%	16.527%
18	21.403	3127	3131	3136	rVB	2918748	4051932	29.45%	4.868%
19	24.403	3634	3641	3652	rVB	1899167	4708432	34.22%	5.656%

Sum of corrected areas: 83243073

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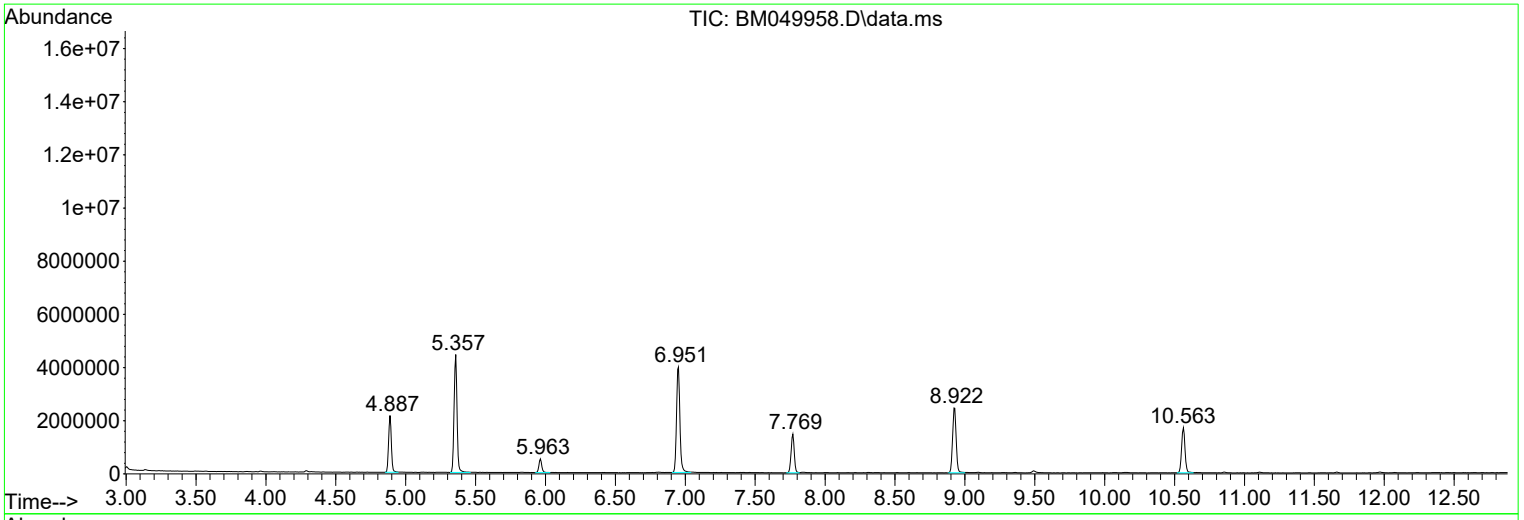
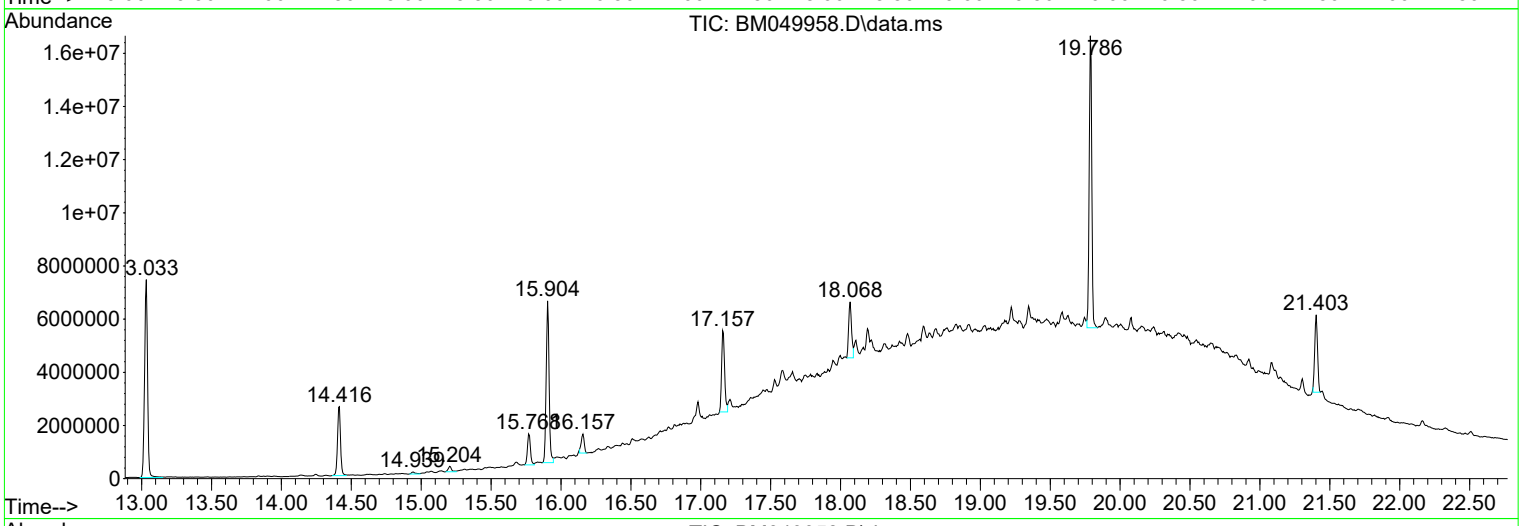
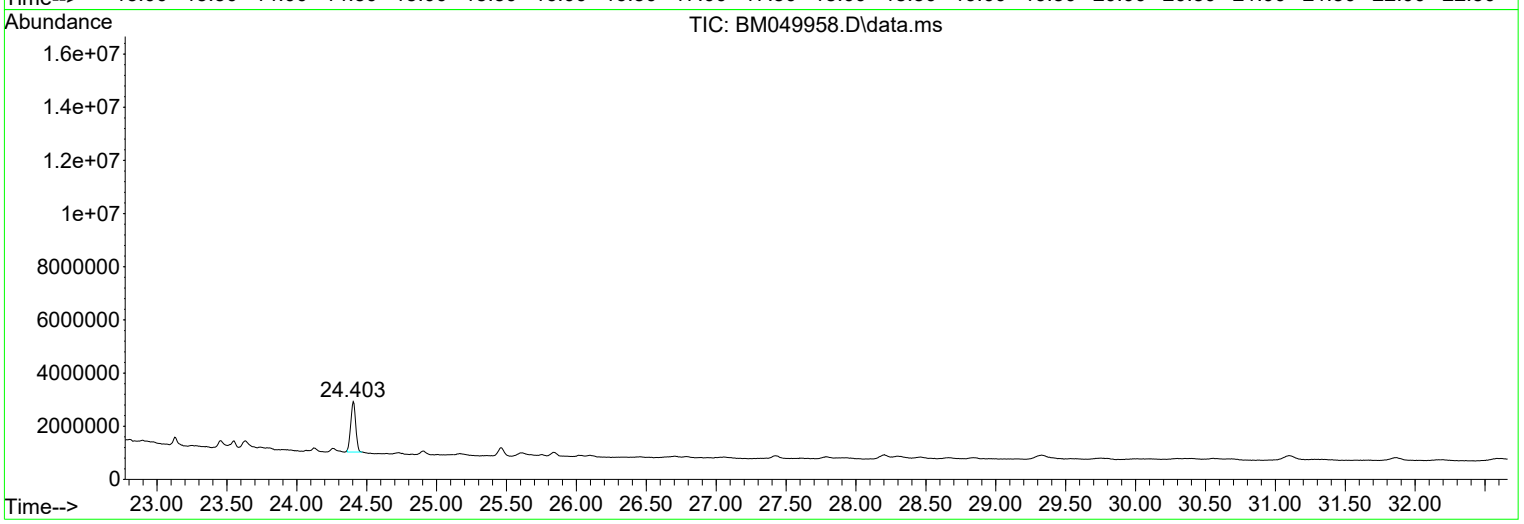
ClientSampleId :
LAW-25-0060

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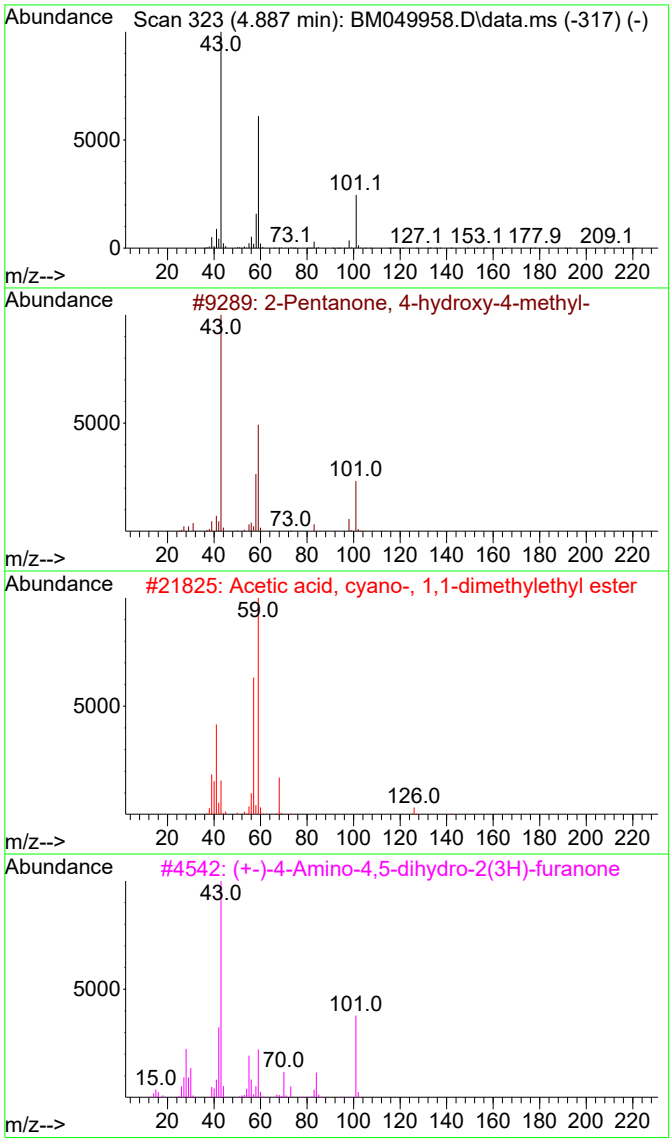
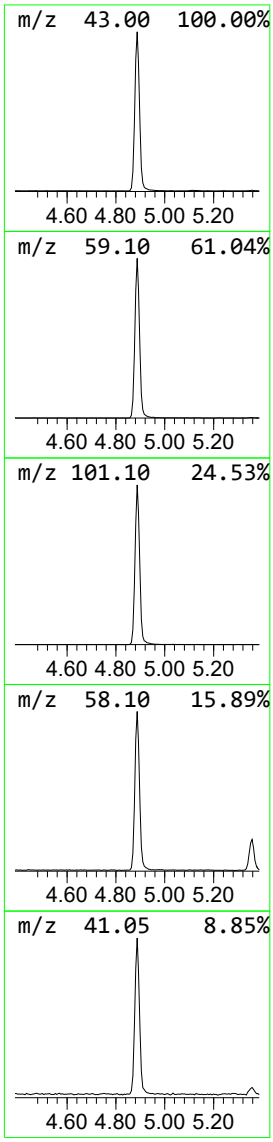
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	25.10 ng	2878410	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	17
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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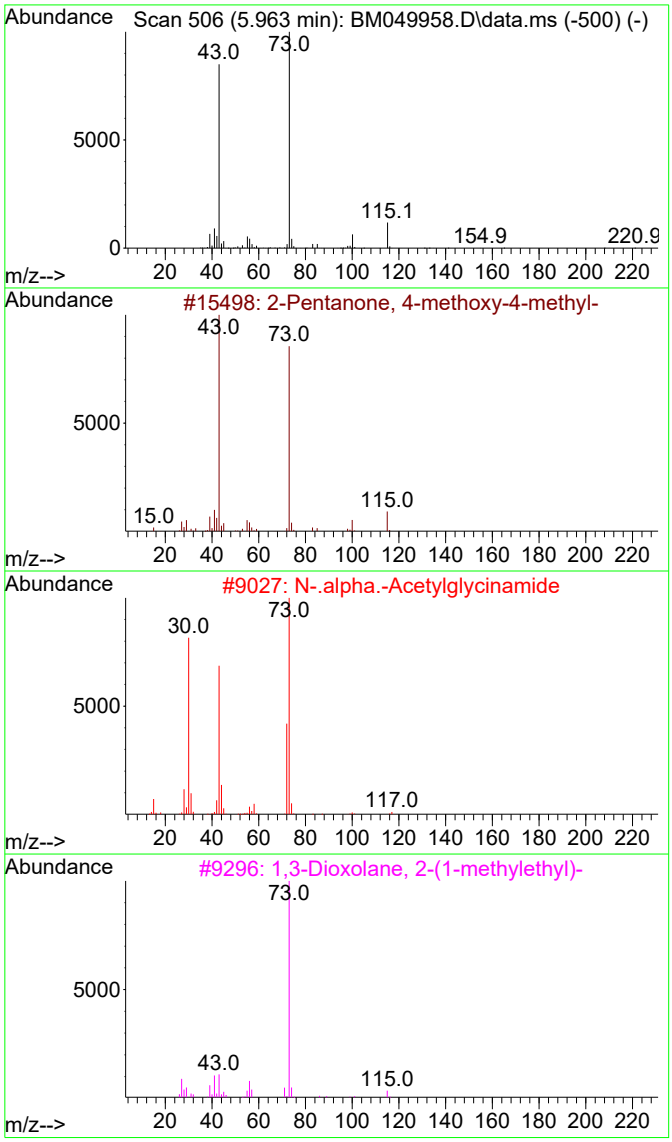
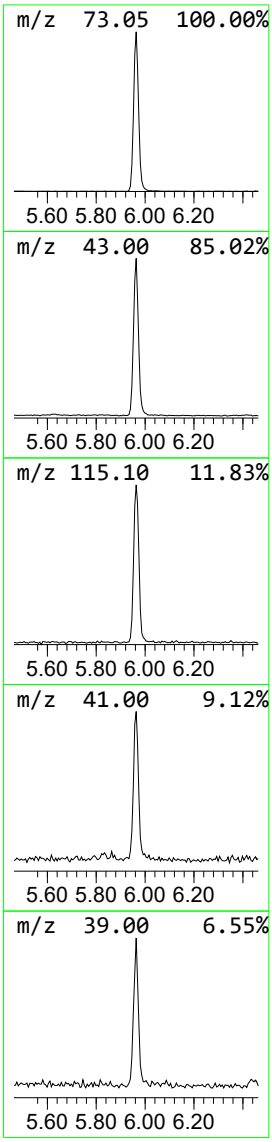
****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.963	6.49 ng	744679	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	25
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10
4	N-Formylmorpholine	115	C5H9NO2	004394-85-8	9
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9





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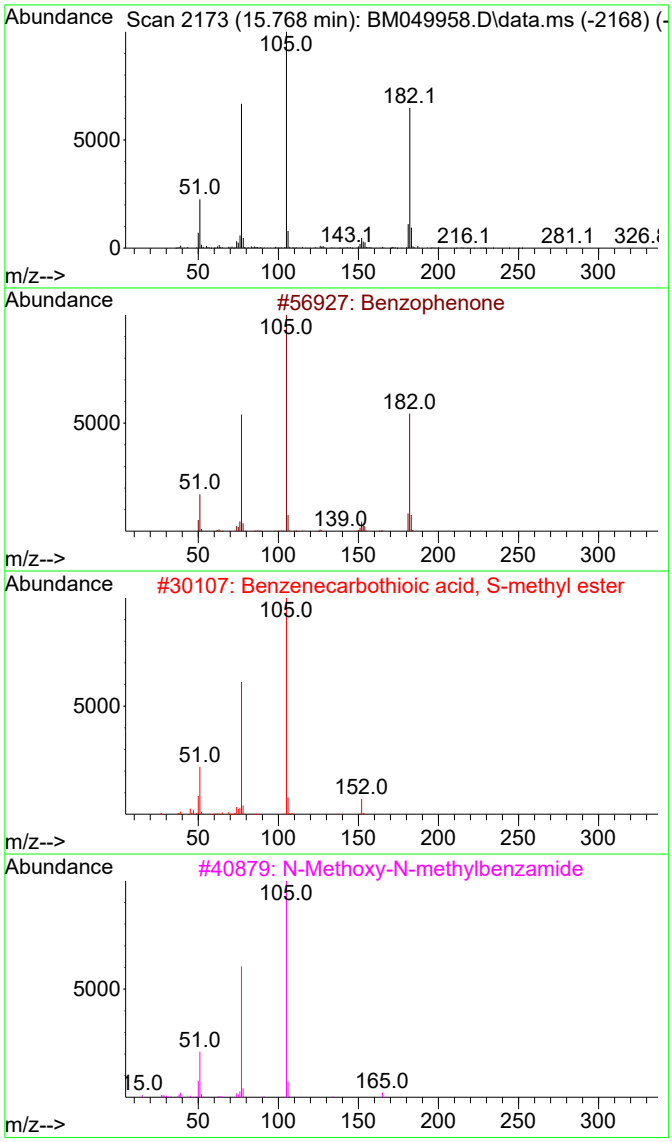
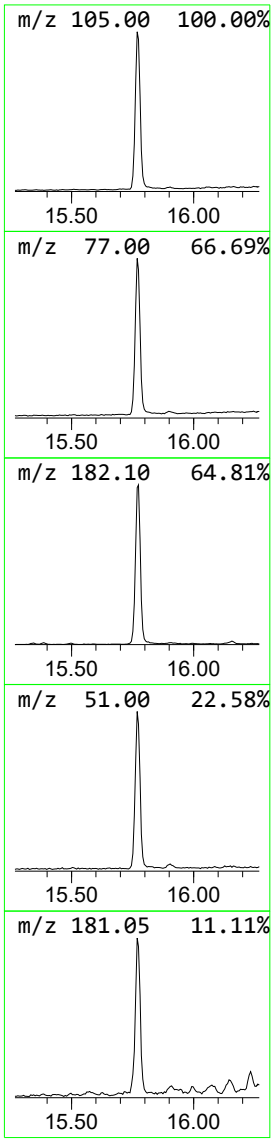
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.769	8.76 ng	1736840	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
4	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	43
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43





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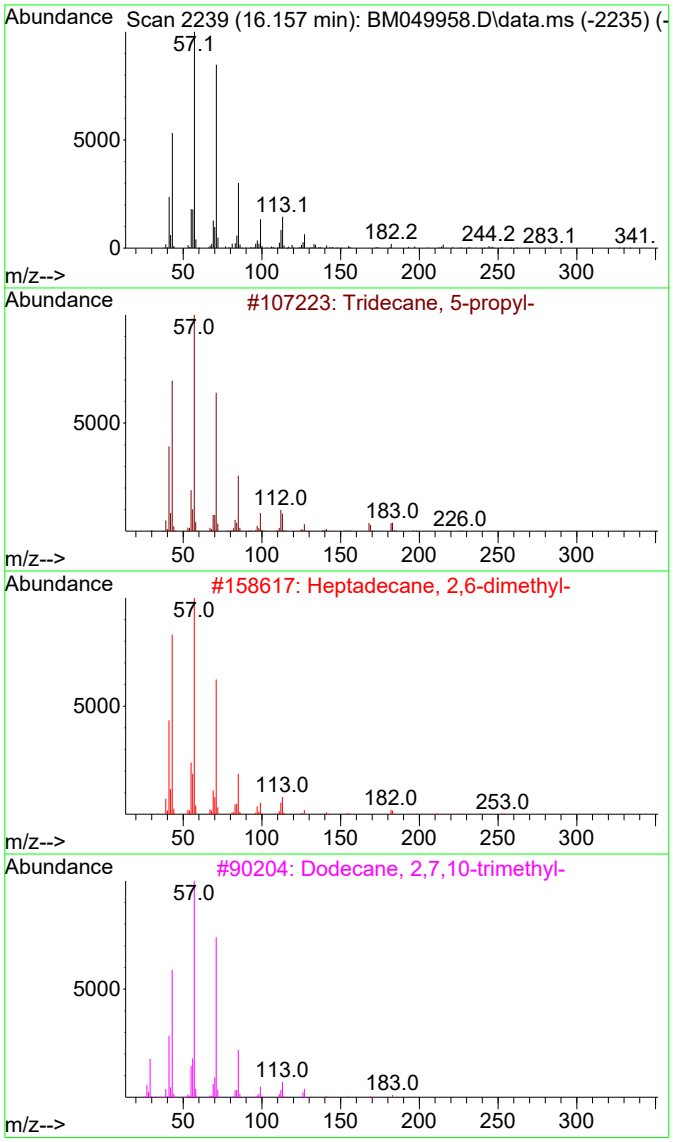
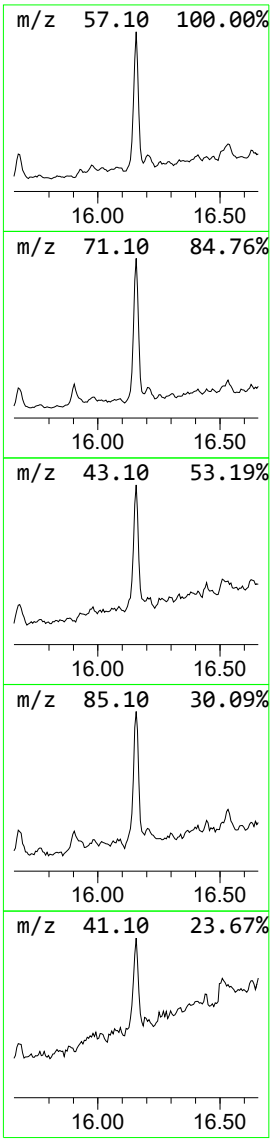
****

Peak Number 4 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.157	4.51 ng	1028450	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	83
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	83





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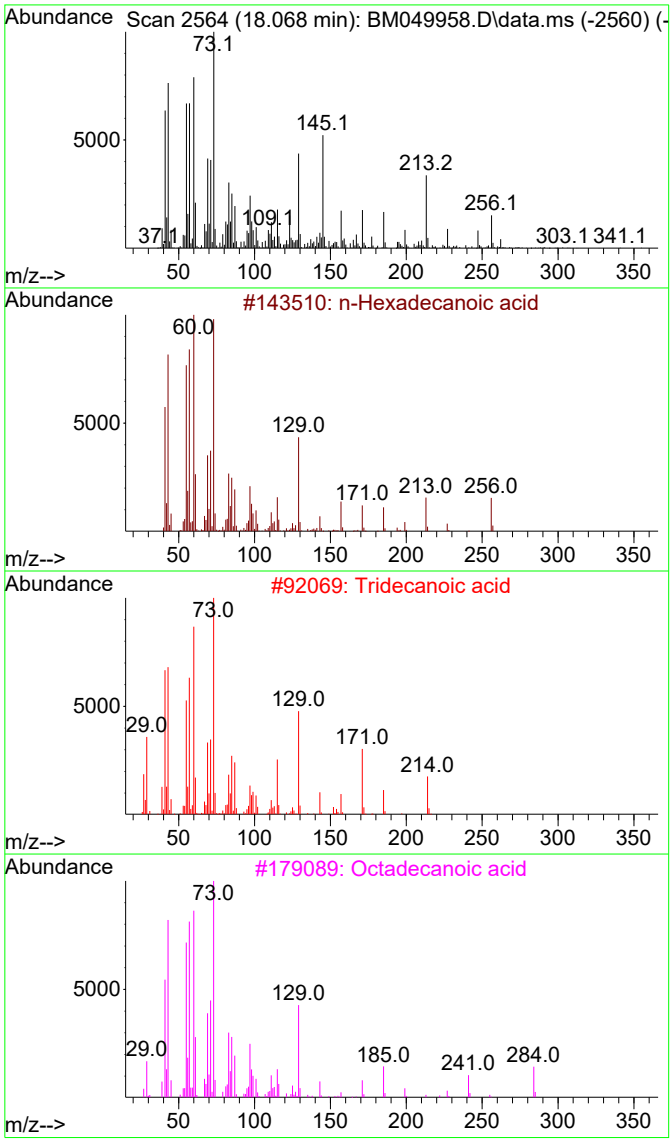
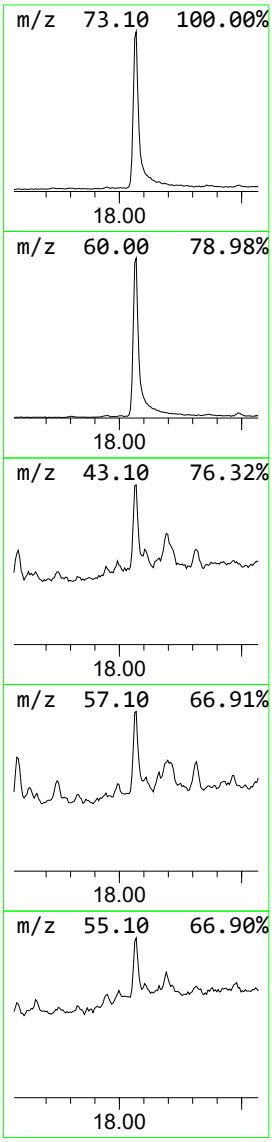
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.068	13.50 ng	3077290	Phenanthrene-d10	17.157

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	92
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





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	25.1	ng	2878410	1	7.769	2293740	20.0
2-Pentanone, 4-...	5.963	6.5	ng	744679	1	7.769	2293740	20.0
Benzophenone	15.769	8.8	ng	1736840	3	14.416	3963670	20.0
Tridecane, 5-pr...	16.157	4.5	ng	1028450	4	17.157	4558100	20.0
n-Hexadecanoic ...	18.068	13.5	ng	3077290	4	17.157	4558100	20.0