LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050108.D
Acq On : 05 May 2025 20:55
Operator : RC/JU
Sample : Q1922-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MH-R

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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	315	320	329	rVB	371086	521038	4.50%	0.824%
2	5.340	394	400	418	rBV	3368816	5210566	44.96%	8.238%
3	6.934	658	671	704	rBV	3235104	5757049	49.68%	9.102%
4	7.745	802	809	819	rBV	1385056	2231659	19.26%	3.528%
5	8.904	999	1006	1026	rBV	1746202	3213562	27.73%	5.081%
6	10.539	1276	1284	1301	rBV	1493217	2777333	23.97%	4.391%
7	13.010	1697	1704	1725	rBV	4602728	7195202	62.09%	11.376%
8	14.392	1932	1939	1955	rBV	2304829	3623999	31.27%	5.730%
9	15.751	2164	2170	2185	rBV	716189	1142118	9.86%	1.806%
10	15.886	2187	2193	2214	rBV	3598507	5901557	50.92%	9.330%
11	17.139	2400	2406	2422	rBV2	2474372	3982402	34.36%	6.296%
12	18.039	2554	2559	2568	rBV	497180	811970	7.01%	1.284%
13	18.462	2627	2631	2641	rBV3	90098	124457	1.07%	0.197%
14	18.898	2698	2705	2712	rBV6	56785	134967	1.16%	0.213%
15	19.321	2773	2777	2784	rBV	103932	203241	1.75%	0.321%
16	19.768	2847	2853	2862	rBV	9402546	11588813	100.00%	18.322%
17	20.462	2968	2971	2976	rVB	146891	161763	1.40%	0.256%
18	21.050	3068	3071	3079	rBV2	278641	412892	3.56%	0.653%
19	21.380	3122	3127	3140	rBV2	2581293	4019101	34.68%	6.354%
20	24.374	3628	3636	3653	rVB	1607317	4236990	36.56%	6.699%

Sum of corrected areas: 63250679

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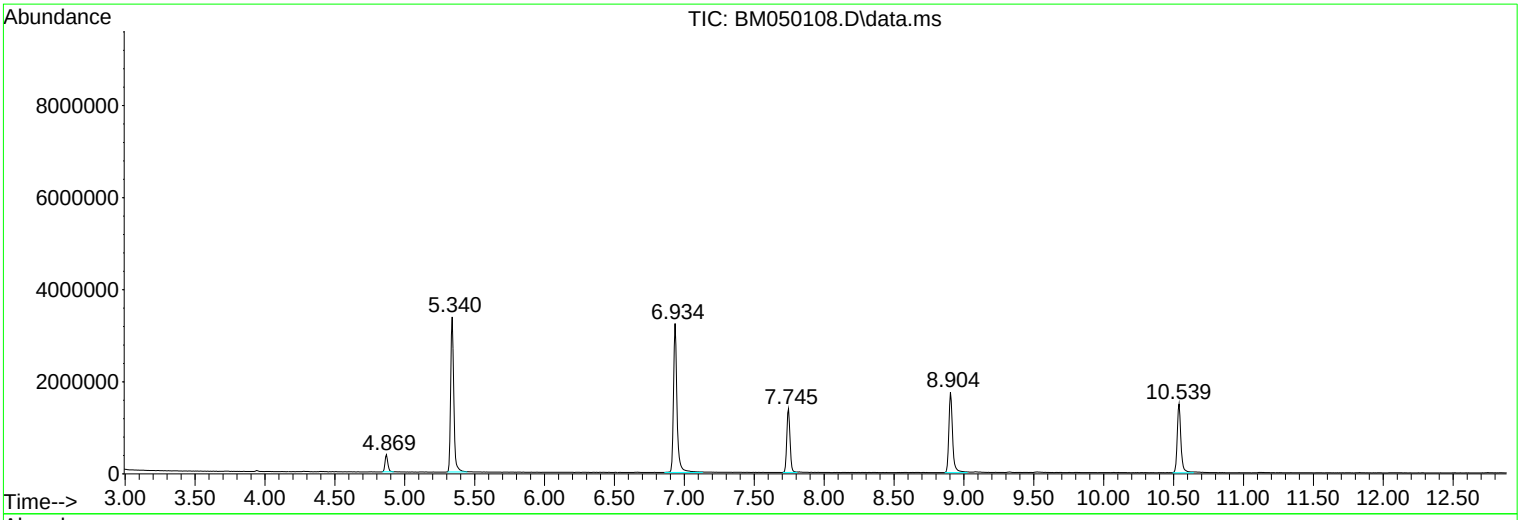
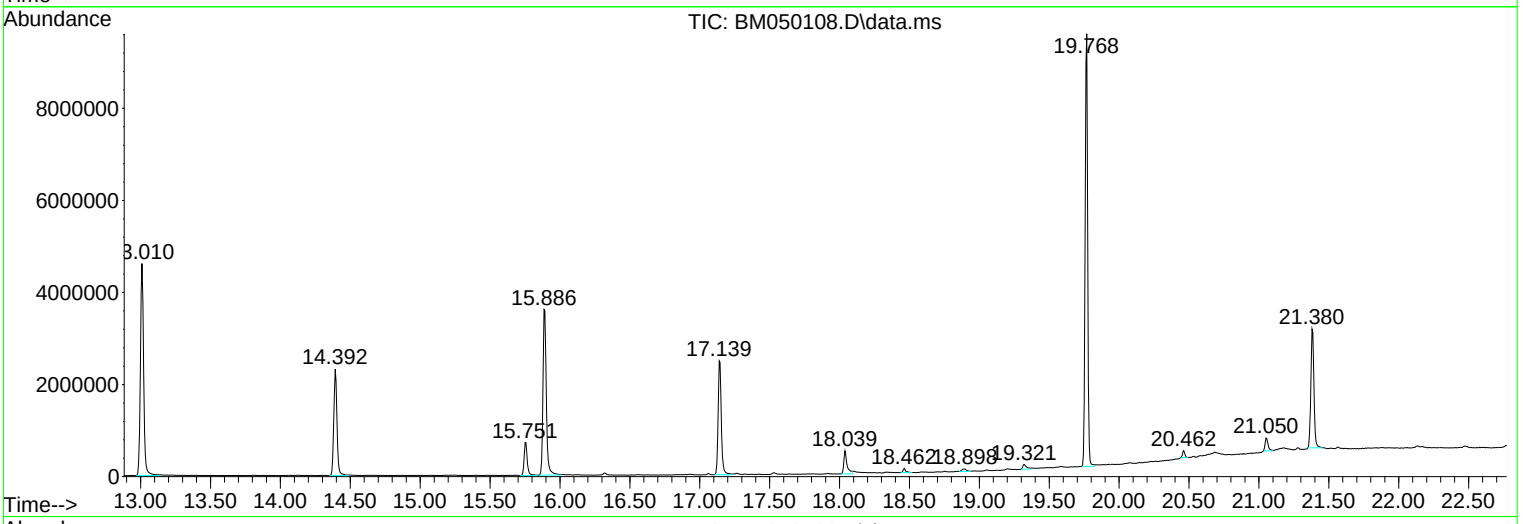
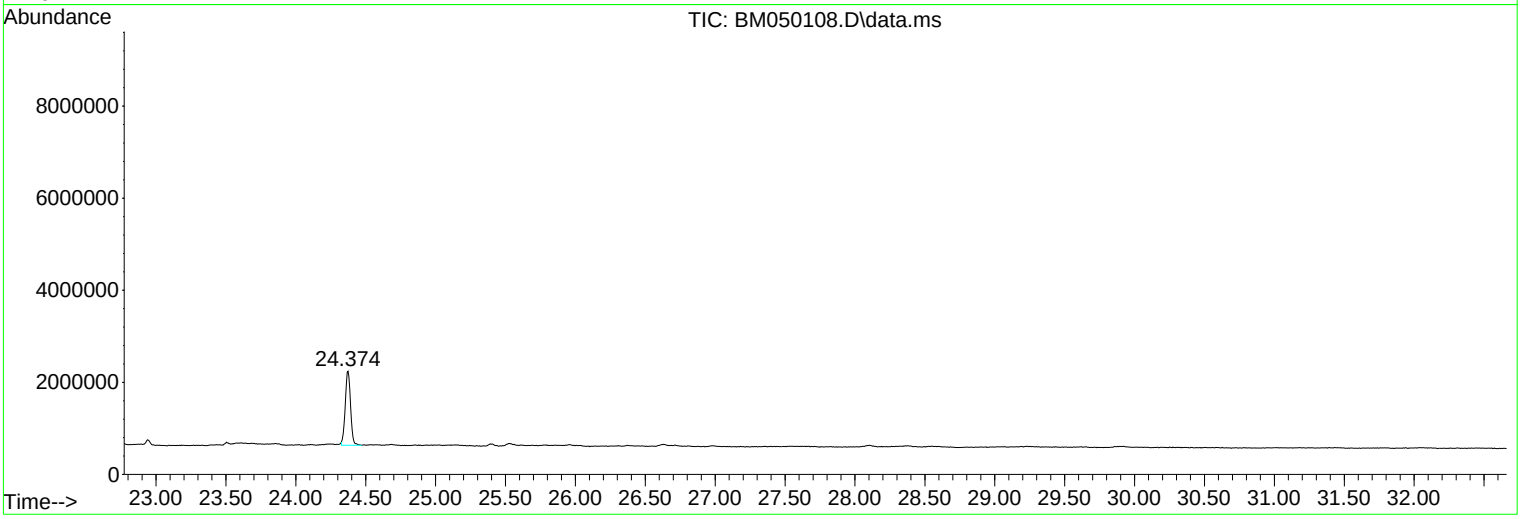
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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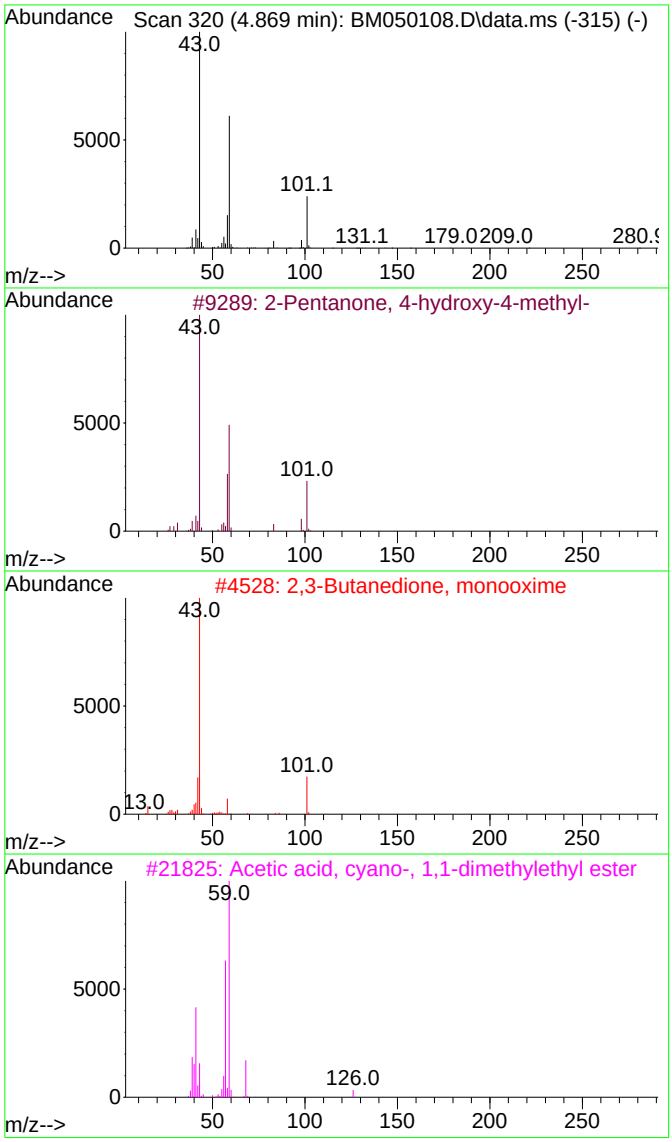
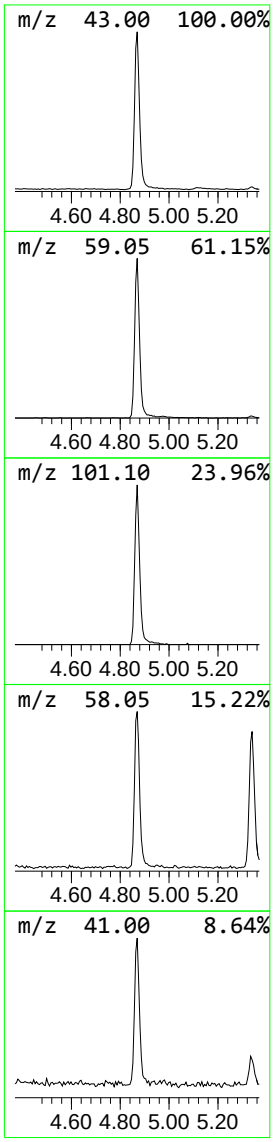
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	4.67 ng	521038	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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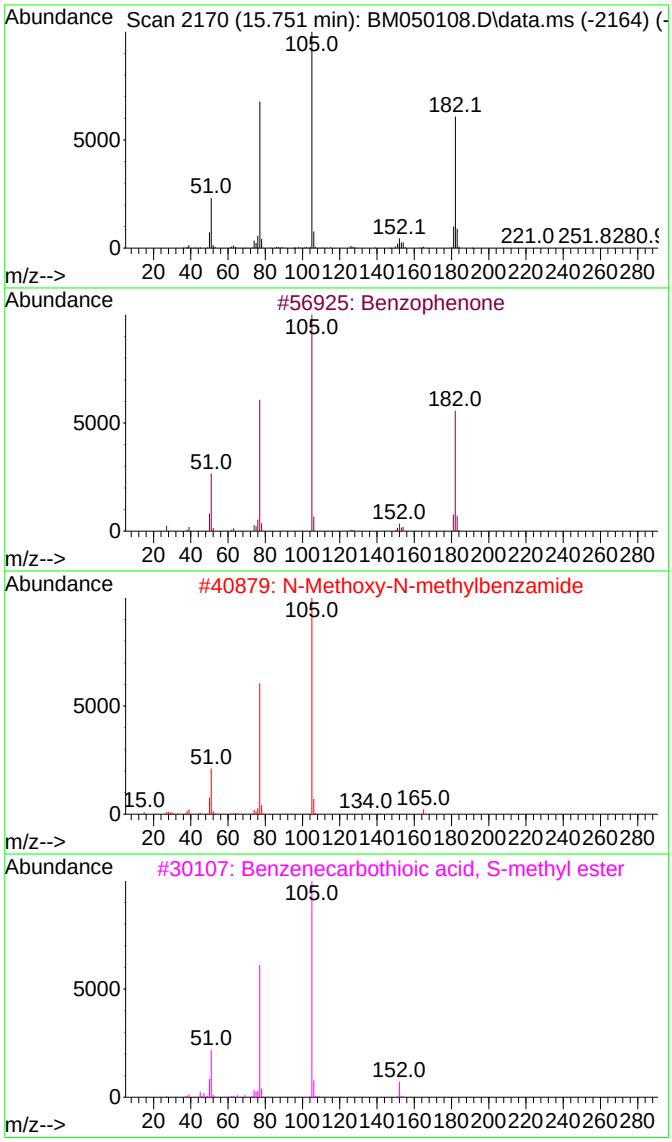
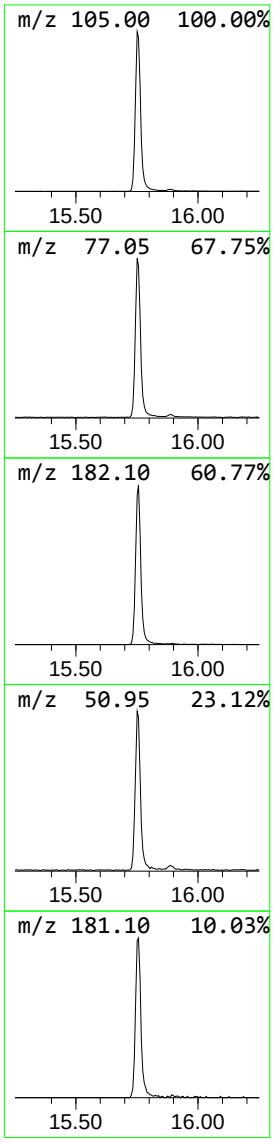
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	6.30 ng	1142120	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47





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Instrument :
BNA_M
ClientSampleId :
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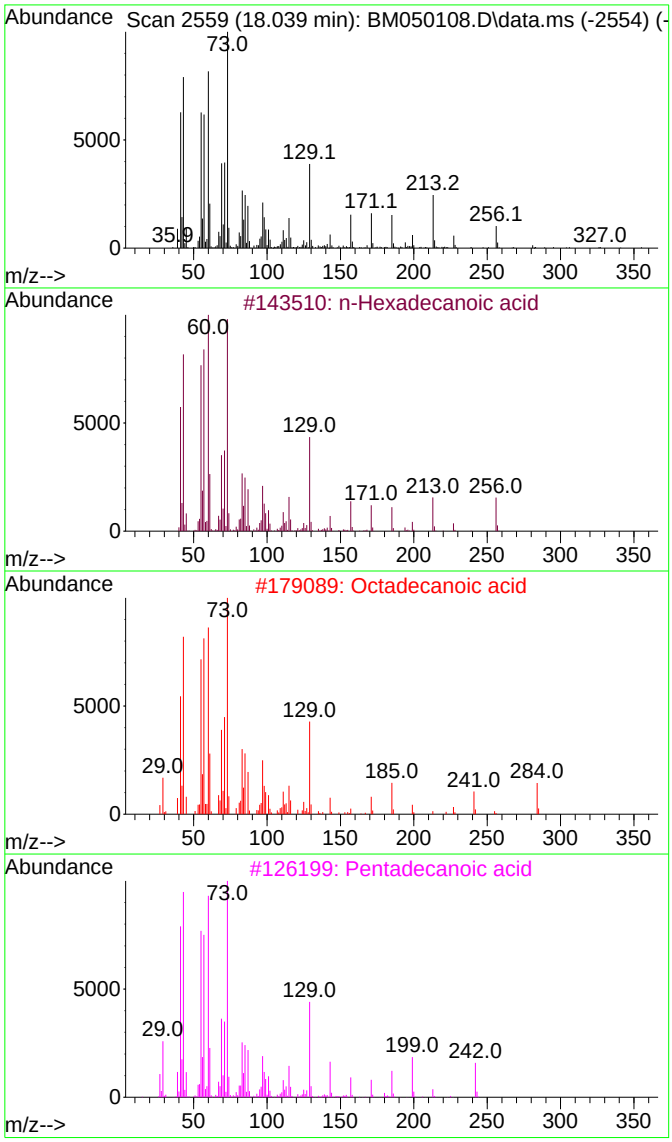
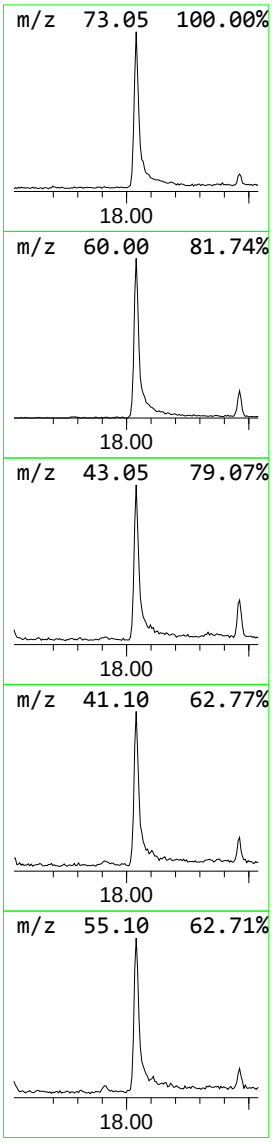
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	4.08 ng	811970	Phenanthrene-d10	17.139

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
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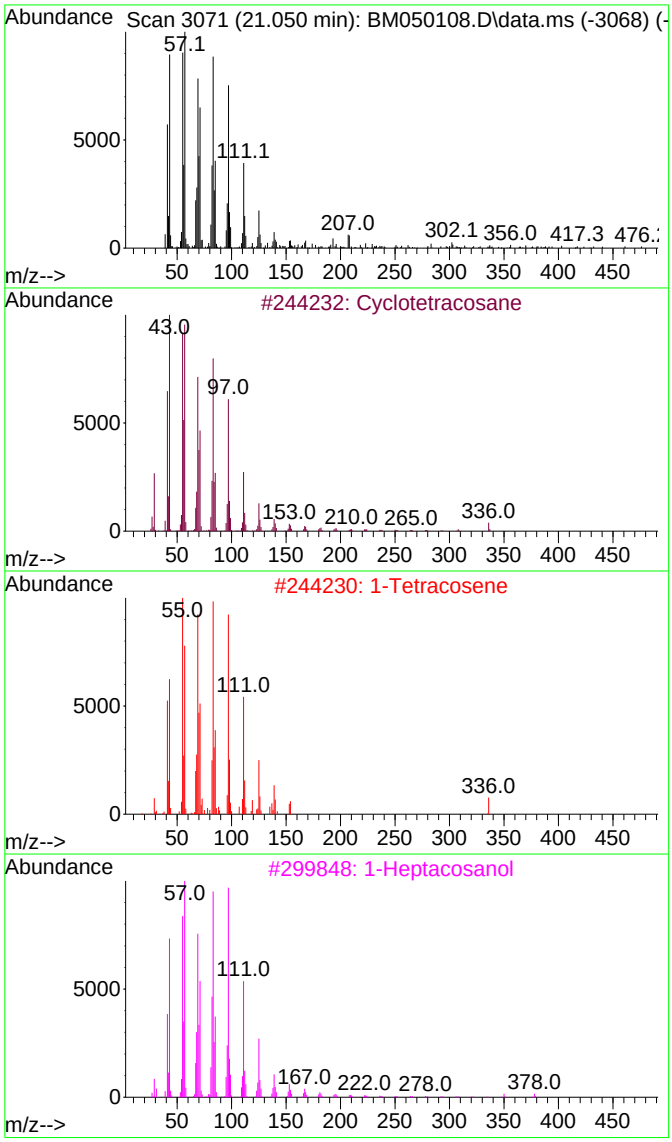
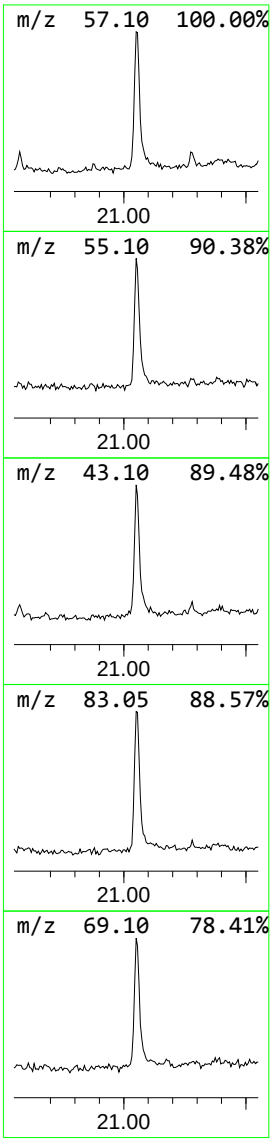
Peak Number 4 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.050	2.05 ng	412892	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Tetracosene	336	C24H48	010192-32-2	98
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	1-Heptadecene	238	C17H34	006765-39-5	92





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	4.7	ng	521038	1	7.745	2231660	20.0
Benzophenone	15.751	6.3	ng	1142120	3	14.392	3624000	20.0
n-Hexadecanoic ...	18.039	4.1	ng	811970	4	17.139	3982400	20.0
Cyclotetracosane	21.050	2.0	ng	412892	5	21.380	4019100	20.0