LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050018.D
Acq On : 23 Apr 2025 17:53
Operator : RC/JU
Sample : Q1859-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

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: BM050018.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	317	322	332	rBV	321045	459714	4.37%	0.862%
2	5.357	396	403	421	rBV	2796115	4349339	41.32%	8.153%
3	6.951	666	674	702	rBV	2346015	4318526	41.03%	8.095%
4	7.763	805	812	820	rBV	999121	1553376	14.76%	2.912%
5	8.922	999	1009	1025	rBV	1523711	2738849	26.02%	5.134%
6	10.557	1279	1287	1300	rBV	1033080	1892095	17.98%	3.547%
7	13.027	1699	1707	1727	rBV	4305183	6766248	64.28%	12.683%
8	14.410	1934	1942	1962	rBV2	1576606	2681569	25.48%	5.027%
9	15.768	2167	2173	2189	rBV	728434	1175416	11.17%	2.203%
10	15.904	2189	2196	2214	rBV	3234781	5241262	49.80%	9.825%
11	16.333	2264	2269	2277	rVB	136158	207614	1.97%	0.389%
12	17.157	2403	2409	2422	rBV	1897852	2919789	27.74%	5.473%
13	18.056	2557	2562	2570	rBV	293763	540629	5.14%	1.013%
14	18.121	2570	2573	2585	rVB	65639	137472	1.31%	0.258%
15	18.480	2630	2634	2643	rBV3	84534	140244	1.33%	0.263%
16	18.903	2701	2706	2711	rBV2	60020	112066	1.06%	0.210%
17	19.333	2776	2779	2788	rVV3	130848	213209	2.03%	0.400%
18	19.780	2850	2855	2866	rBV	9025806	10525560	100.00%	19.730%
19	21.074	3072	3075	3084	rVB2	177217	283161	2.69%	0.531%
20	21.397	3125	3130	3148	rVB	2239011	3462525	32.90%	6.490%
21	24.403	3633	3641	3656	rVB	1377834	3629598	34.48%	6.804%

Sum of corrected areas: 53348261

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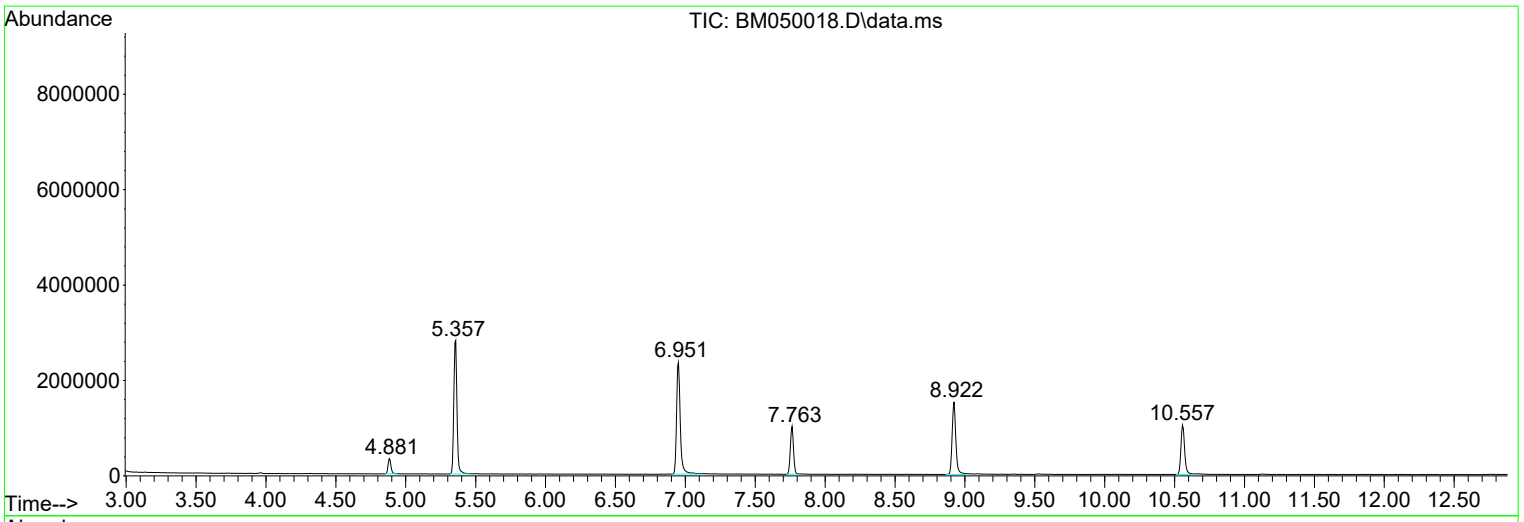
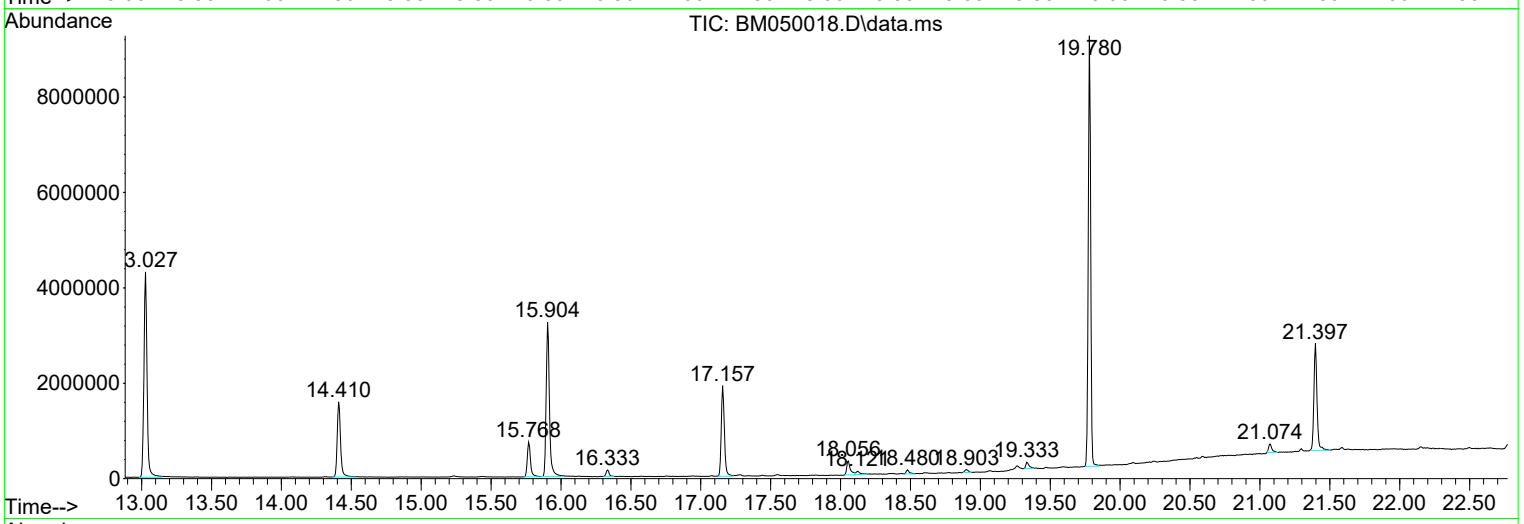
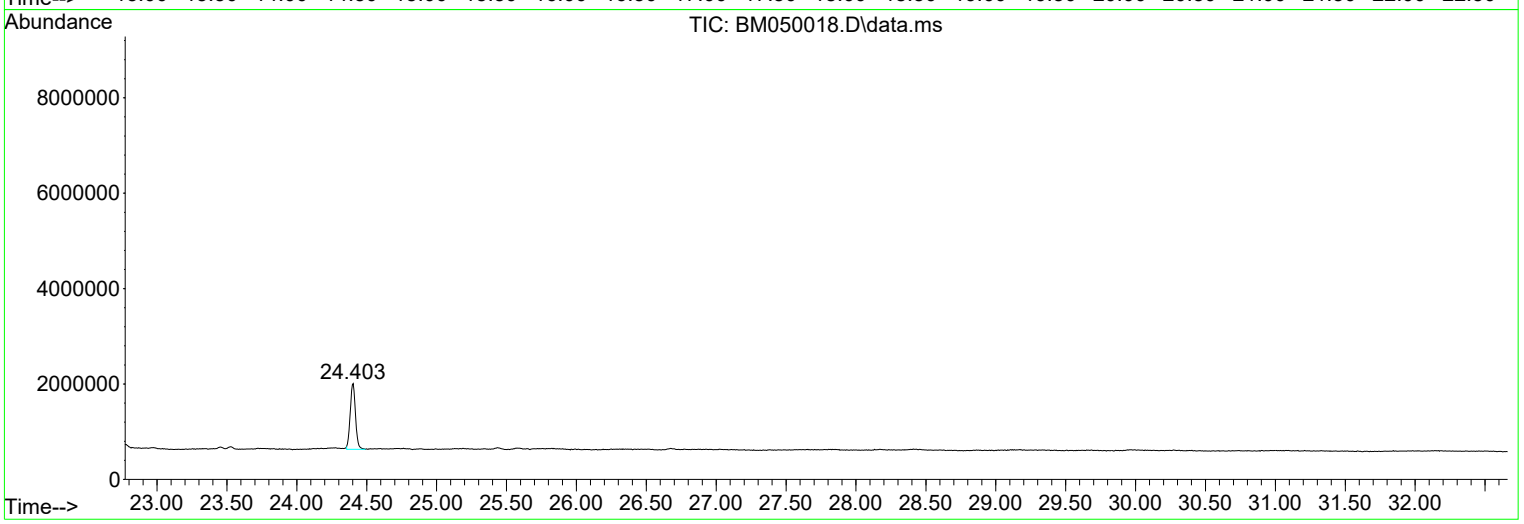
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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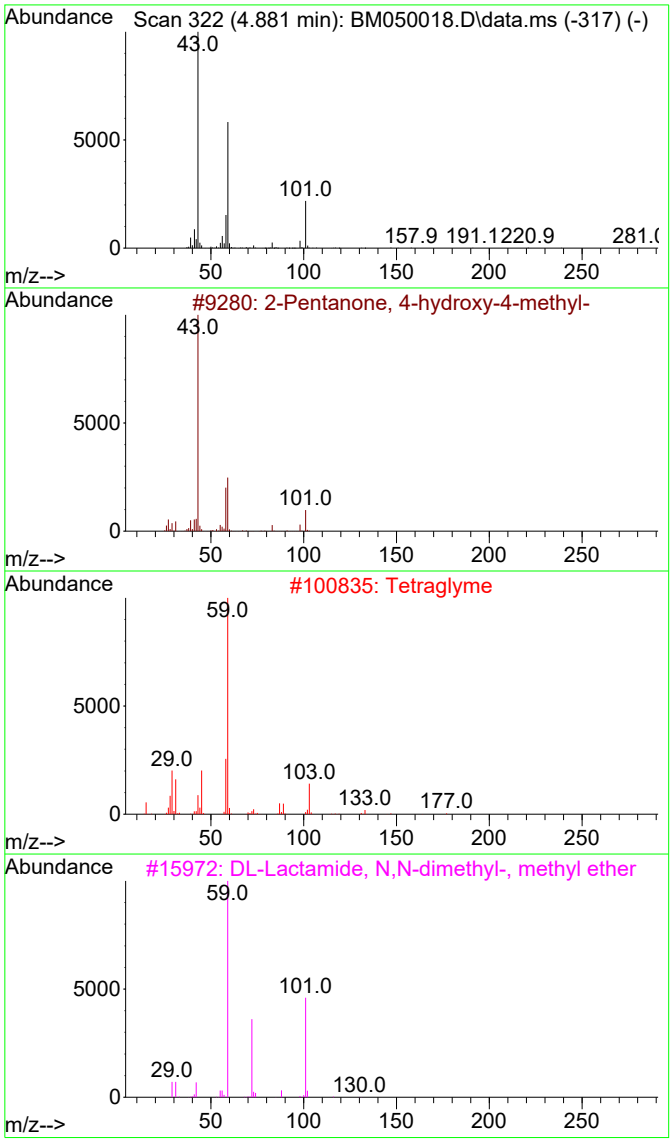
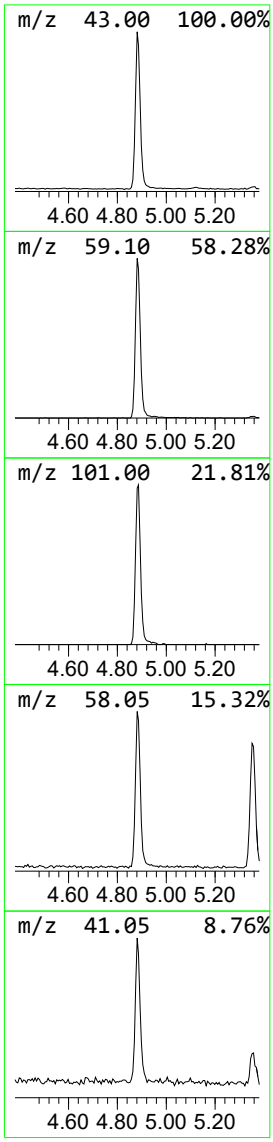
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	5.92 ng	459714	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Tetraglyme	222	C10H22O5	000143-24-8	37
3	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	33
4	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	32
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28





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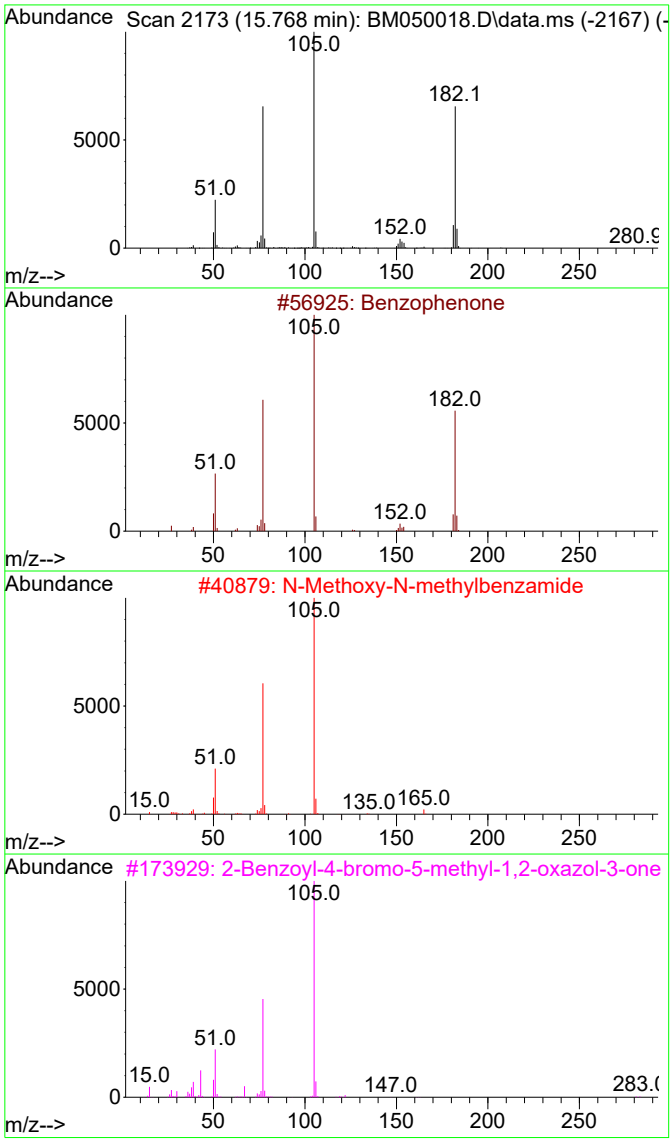
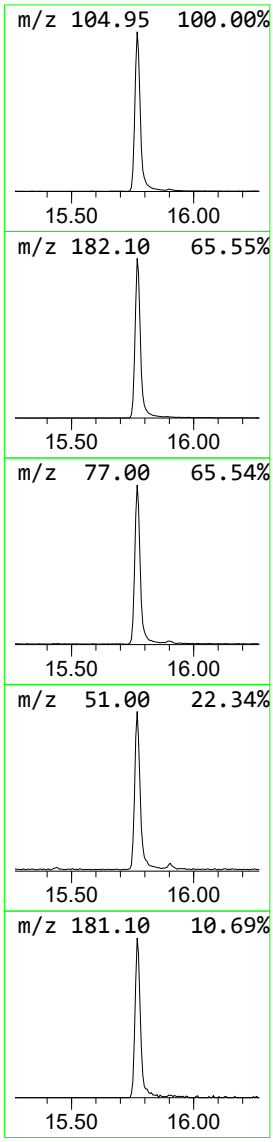
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.768	8.77 ng	1175420	Acenaphthene-d10	14.410

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	49
3	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47





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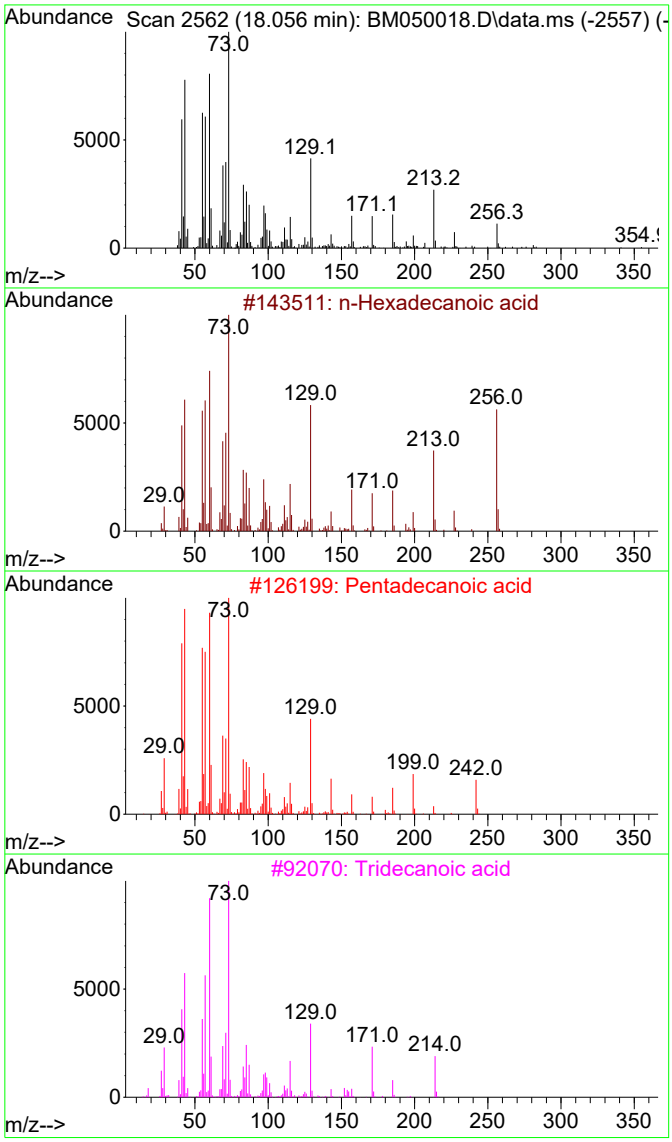
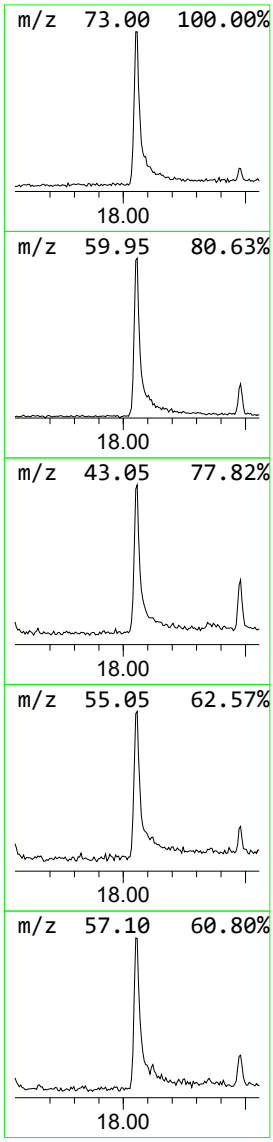
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.056	3.70 ng	540629	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





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-...	4.881	5.9	ng	459714	1	7.763	1553380	20.0
Benzophenone	15.768	8.8	ng	1175420	3	14.410	2681570	20.0
n-Hexadecanoic ...	18.056	3.7	ng	540629	4	17.157	2919790	20.0