LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050092.D
Acq On : 02 May 2025 19:15
Operator : RC/JU
Sample : Q1935-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MH-MM

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: BM050092.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	328	rBV	309885	448679	4.01%	0.720%
2	5.340	394	400	418	rBV	2030931	3206904	28.66%	5.144%
3	6.934	662	671	688	rBV	2229913	4061356	36.30%	6.514%
4	7.745	800	809	819	rBV	1418199	2260464	20.20%	3.626%
5	8.904	998	1006	1030	rBV	1193525	2240032	20.02%	3.593%
6	10.539	1274	1284	1300	rBV	1772108	3155137	28.20%	5.061%
7	13.010	1696	1704	1722	rBV	4467103	6730565	60.15%	10.795%
8	14.398	1931	1940	1947	rBV	2985249	4549179	40.66%	7.297%
9	15.757	2165	2171	2177	rBV	464790	654188	5.85%	1.049%
10	15.892	2187	2194	2217	rBV	4391213	6403827	57.23%	10.271%
11	17.145	2400	2407	2412	rBV2	3768557	5543760	49.54%	8.892%
12	17.186	2412	2414	2420	rVB	200464	239229	2.14%	0.384%
13	18.045	2552	2560	2569	rBV2	435522	971629	8.68%	1.558%
14	18.215	2585	2589	2593	rBV3	79963	129853	1.16%	0.208%
15	19.203	2753	2757	2764	rBV	166657	251213	2.25%	0.403%
16	19.321	2774	2777	2782	rBV	128595	197313	1.76%	0.316%
17	19.568	2815	2819	2827	rVB	237186	382354	3.42%	0.613%
18	19.768	2848	2853	2864	rBV	9525276	11189565	100.00%	17.947%
19	21.056	3069	3072	3079	rVB3	263286	350666	3.13%	0.562%
20	21.286	3107	3111	3117	rVB	285371	383996	3.43%	0.616%
21	21.386	3122	3128	3146	rVB	3091484	5034869	45.00%	8.076%
22	24.380	3629	3637	3650	rVB	1551855	3962321	35.41%	6.355%

Sum of corrected areas: 62347099

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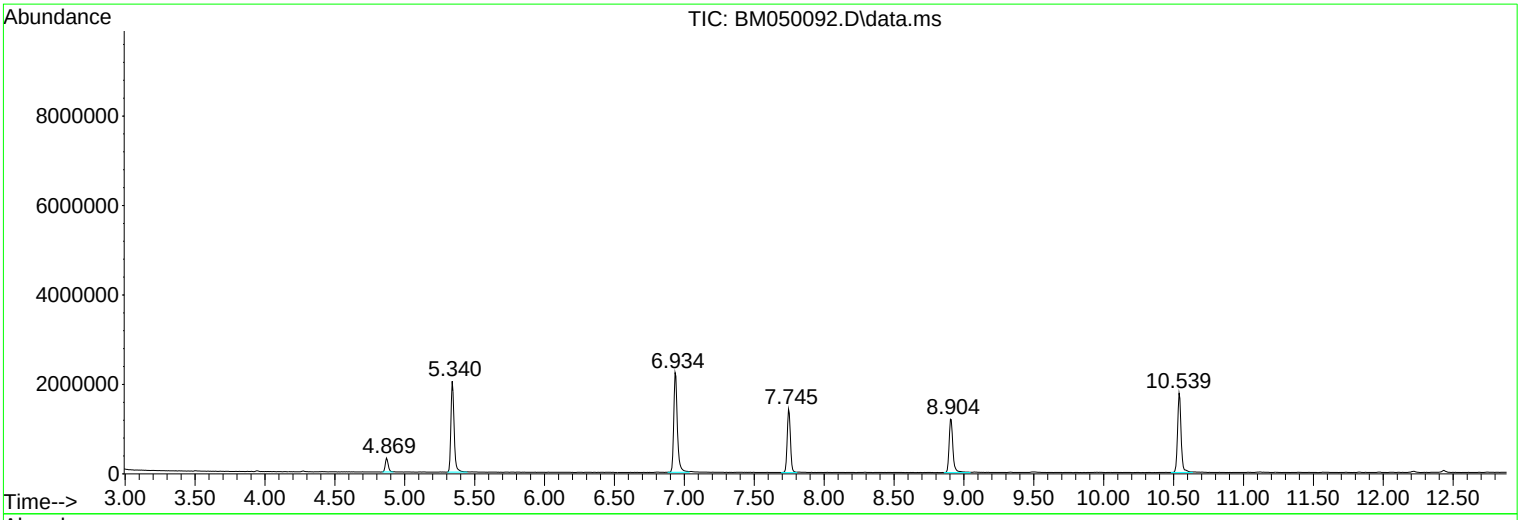
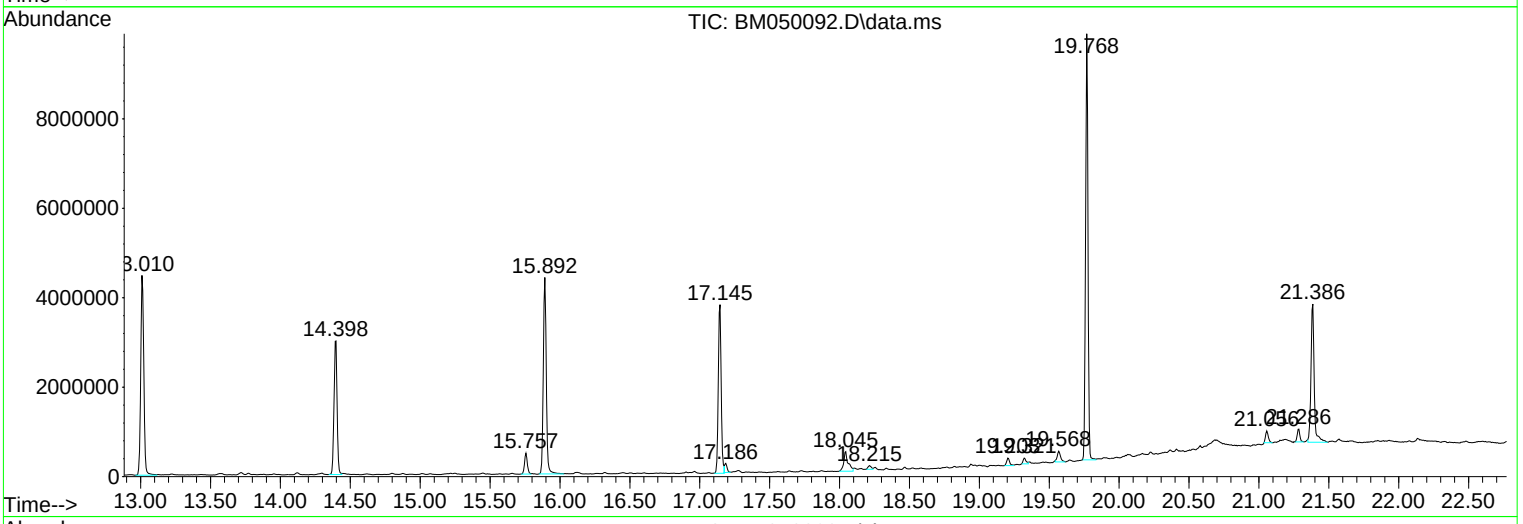
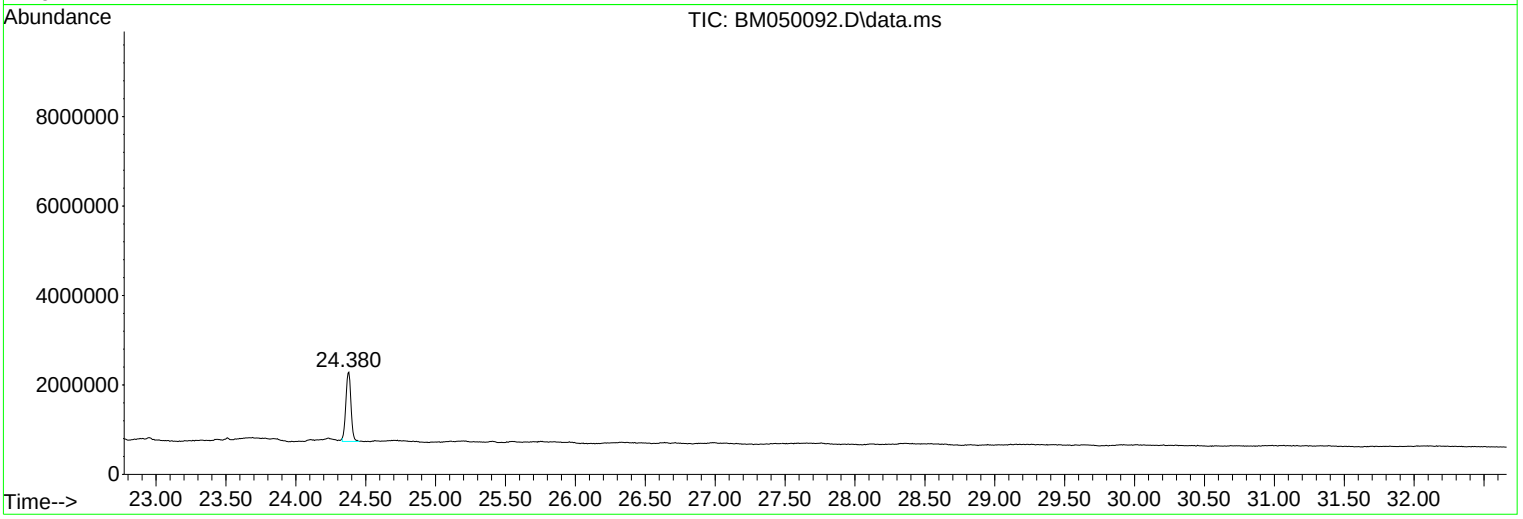
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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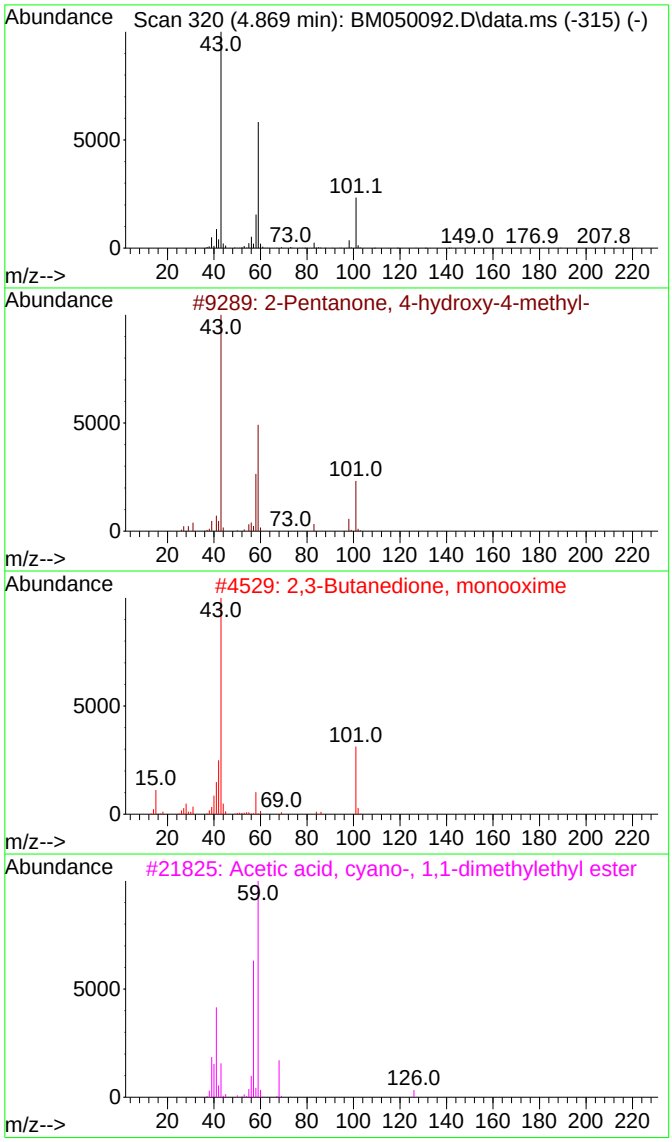
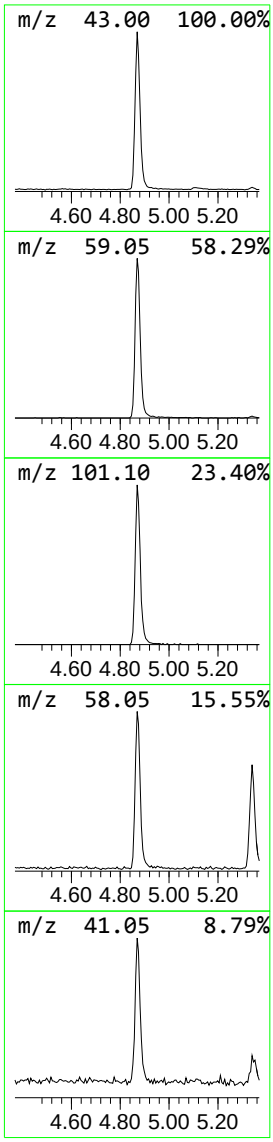
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	3.97 ng	448679	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	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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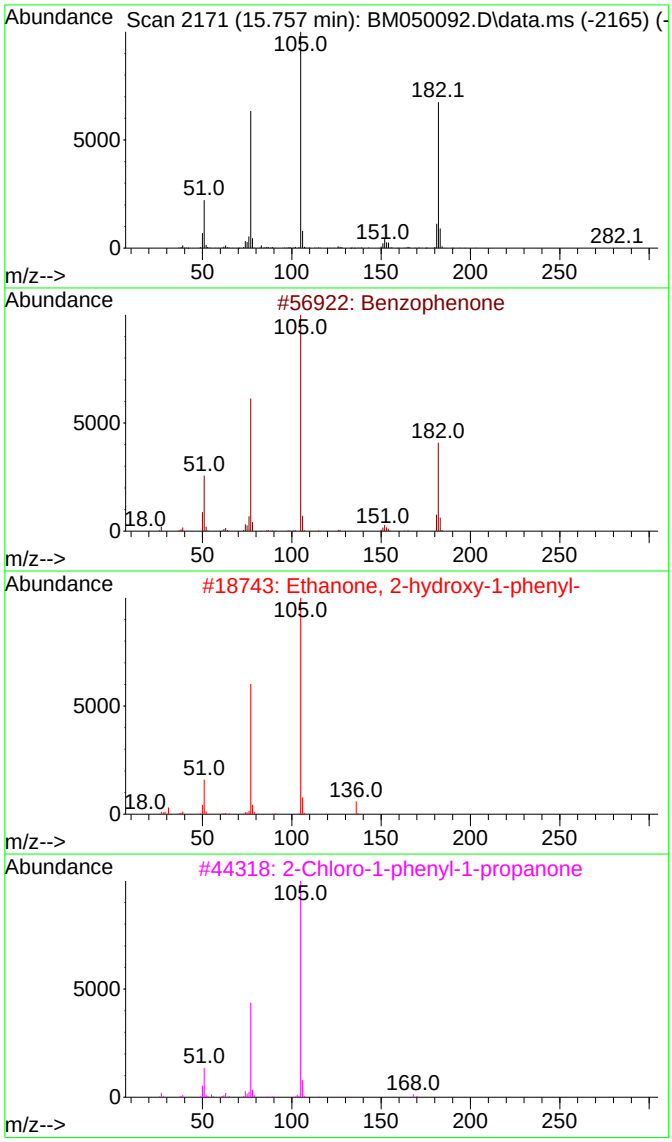
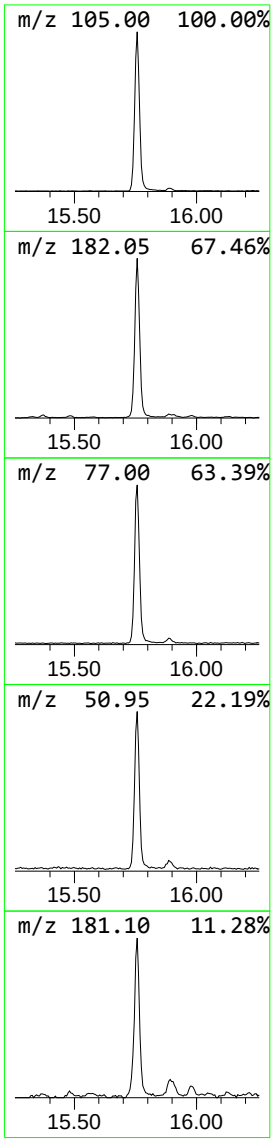
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	2.88 ng	654188	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	43
3	2-Chloro-1-phenyl-1-propanone	168	C9H9ClO	006084-17-9	43
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43





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ClientSampleId :
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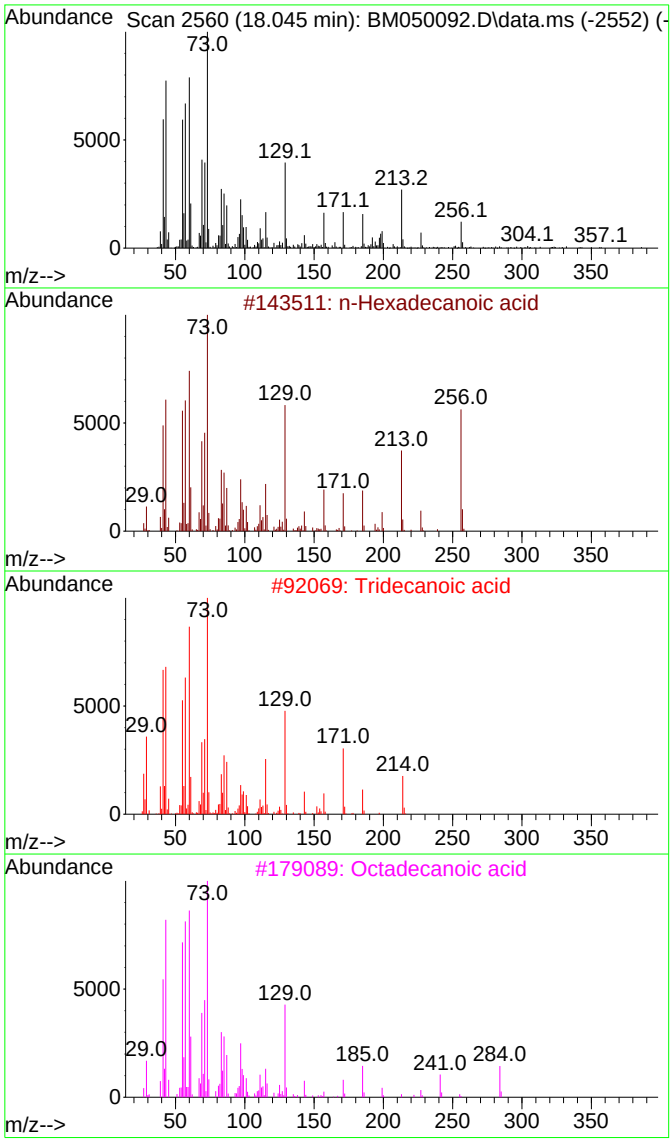
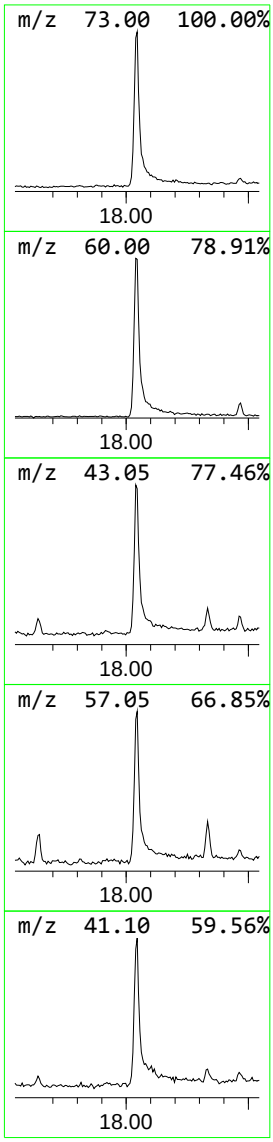
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	3.51 ng	971629	Phenanthrene-d10	17.145

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	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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-...	4.869	4.0	ng	448679	1	7.745	2260460	20.0
Benzophenone	15.757	2.9	ng	654188	3	14.392	4549180	20.0
n-Hexadecanoic ...	18.045	3.5	ng	971629	4	17.145	5543760	20.0