LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049879.D
Acq On : 10 Apr 2025 11:34
Operator : RC/JU
Sample : Q1753-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-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: BM049879.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	319	324	337	rVB	1099847	1475851	8.76%	1.958%
2	5.363	397	404	415	rBV	4710885	6730337	39.95%	8.927%
3	5.969	502	507	514	rVB	172957	253949	1.51%	0.337%
4	6.951	666	674	689	rBV	4478571	6884644	40.87%	9.132%
5	7.775	807	814	823	rBV	918819	1450570	8.61%	1.924%
6	8.933	1003	1011	1021	rBV	2602904	4228165	25.10%	5.608%
7	10.569	1281	1289	1301	rBV	1090331	1821861	10.81%	2.416%
8	13.039	1701	1709	1723	rBV	7508284	10496777	62.31%	13.923%
9	14.415	1936	1943	1959	rBV	1649457	2489947	14.78%	3.303%
10	15.774	2167	2174	2181	rBV	691440	937904	5.57%	1.244%
11	15.904	2190	2196	2216	rBV	6251494	8892010	52.78%	11.794%
12	17.162	2403	2410	2421	rBV2	2058496	2957123	17.55%	3.922%
13	18.062	2557	2563	2578	rBV	996872	1591757	9.45%	2.111%
14	19.339	2776	2780	2793	rBV	337641	603871	3.58%	0.801%
15	19.786	2850	2856	2865	rBV	14636600	16846171	100.00%	22.344%
16	21.080	3072	3076	3087	rBV2	394600	697640	4.14%	0.925%
17	21.397	3124	3130	3136	rBV	2330911	3383844	20.09%	4.488%
18	24.391	3631	3639	3656	rVB	1529790	3650507	21.67%	4.842%

Sum of corrected areas: 75392928

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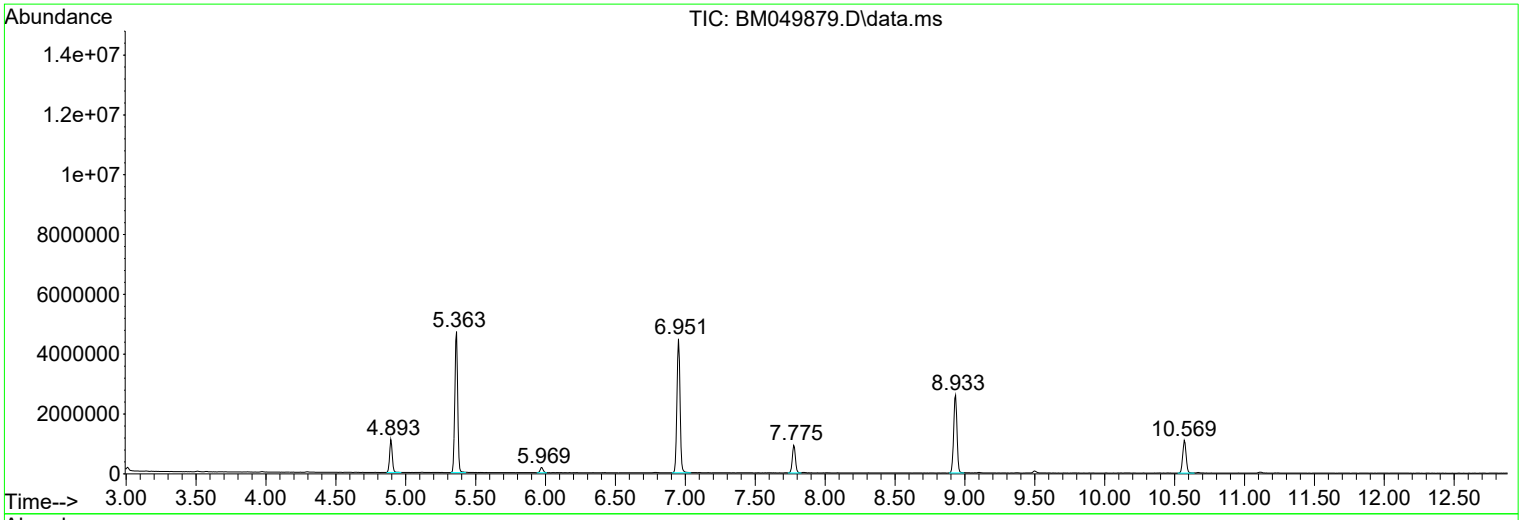
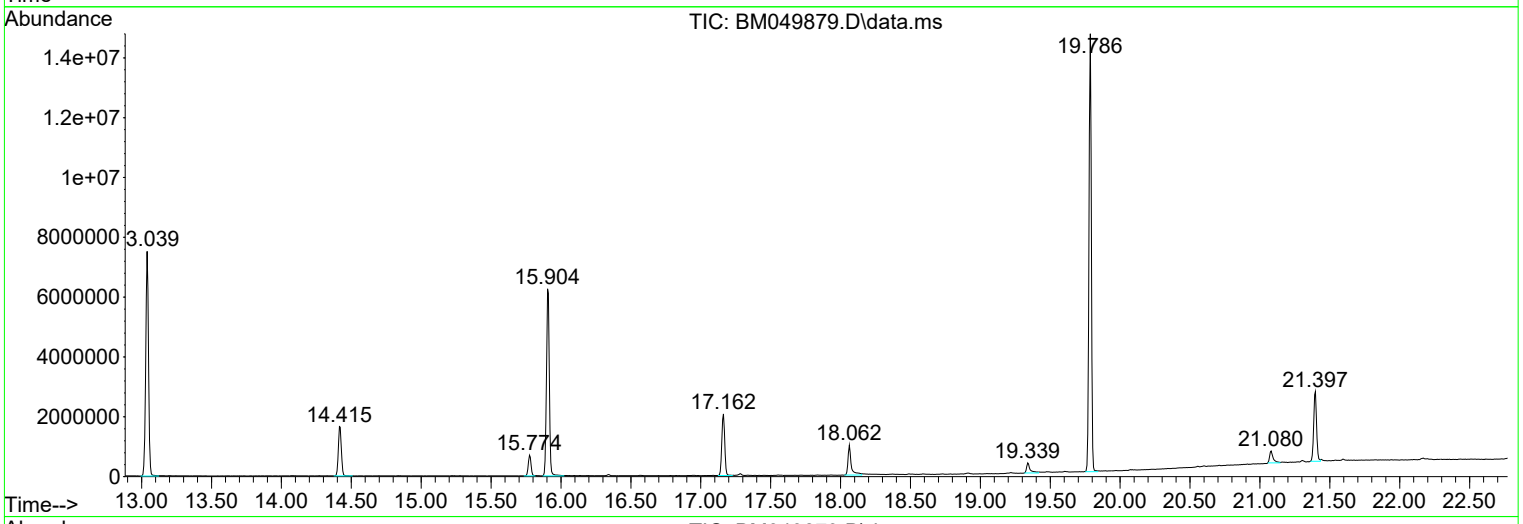
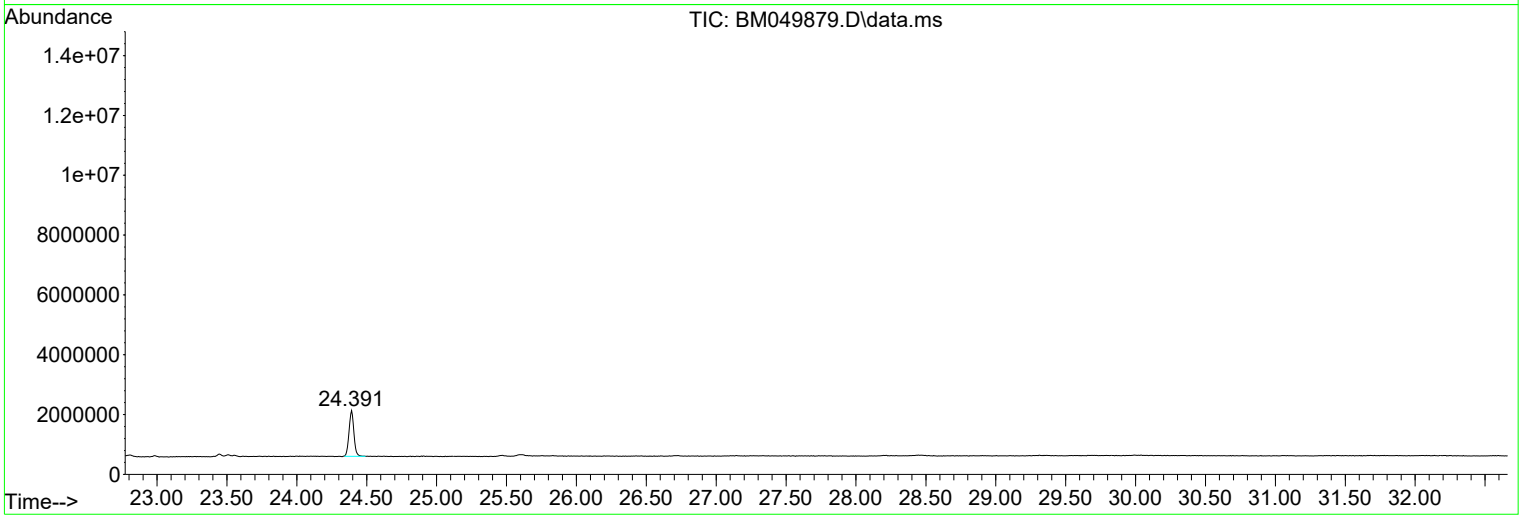
ClientSampleId :
WC-2

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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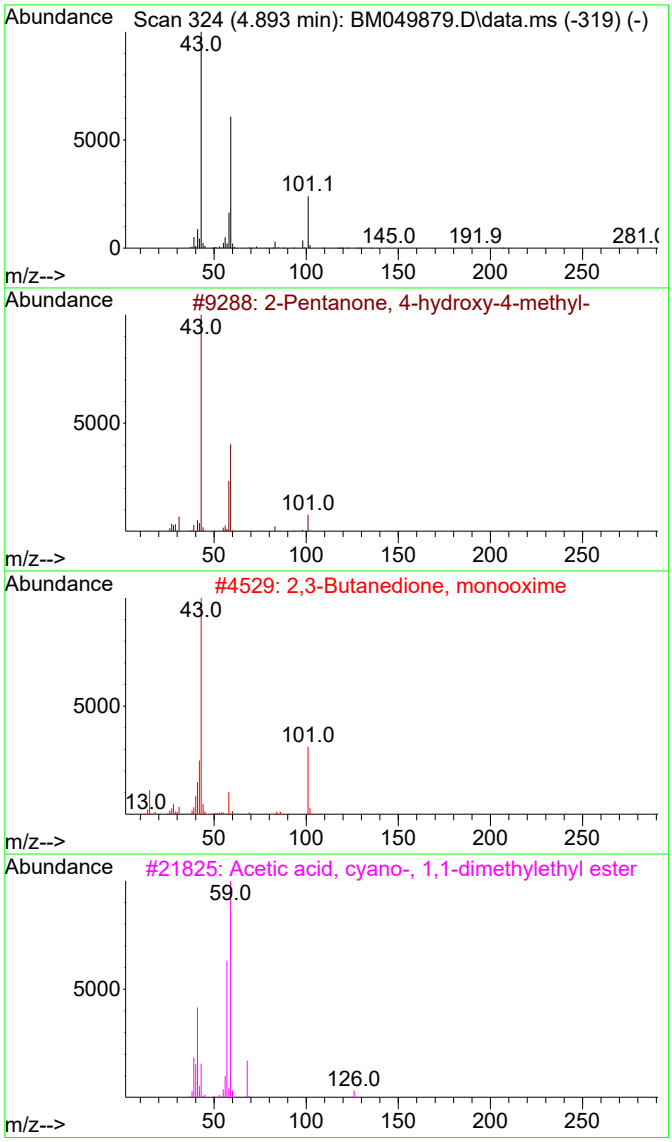
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

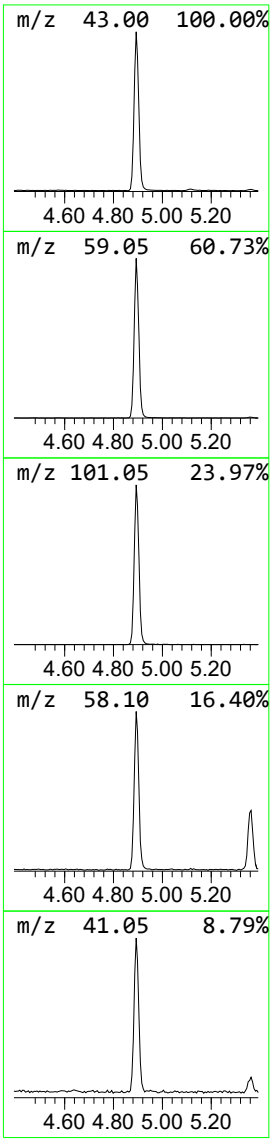
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	20.35 ng	1475850	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
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	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





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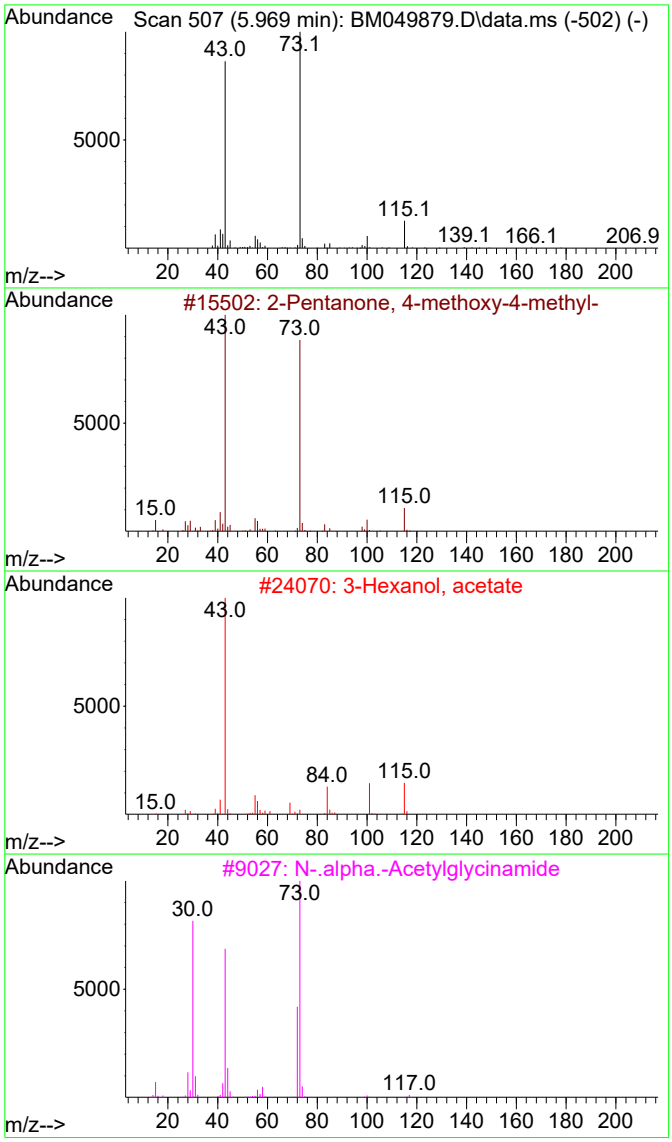
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

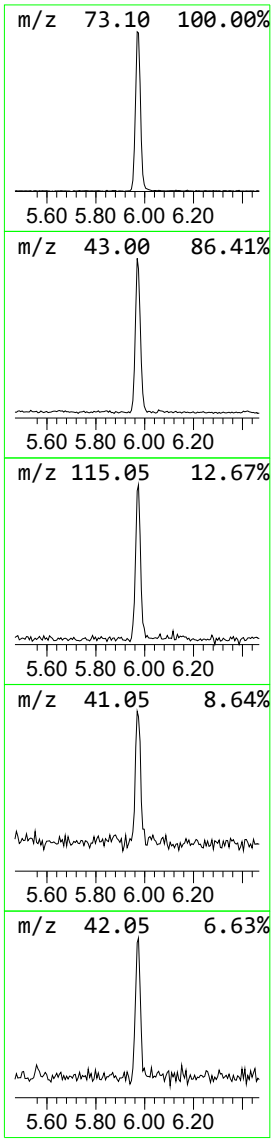
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.969	3.50 ng	253949	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	3-Hexanol, acetate	144	C8H16O2	040780-64-1	37
3	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	33
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10





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Operator : RC/JU
Sample : Q1753-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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TIC Library : C:\Database\NIST20.L
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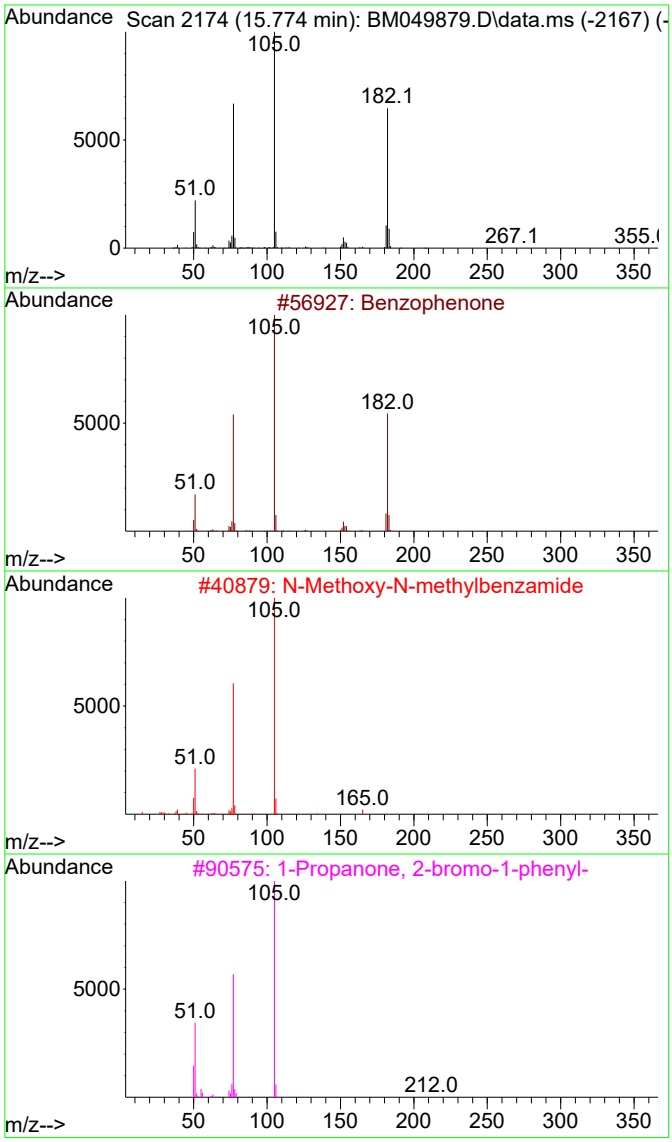
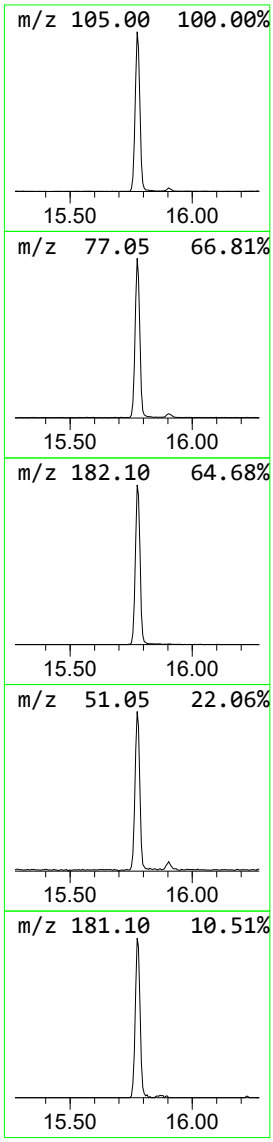
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	7.53 ng	937904	Acenaphthene-d10	14.416

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	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	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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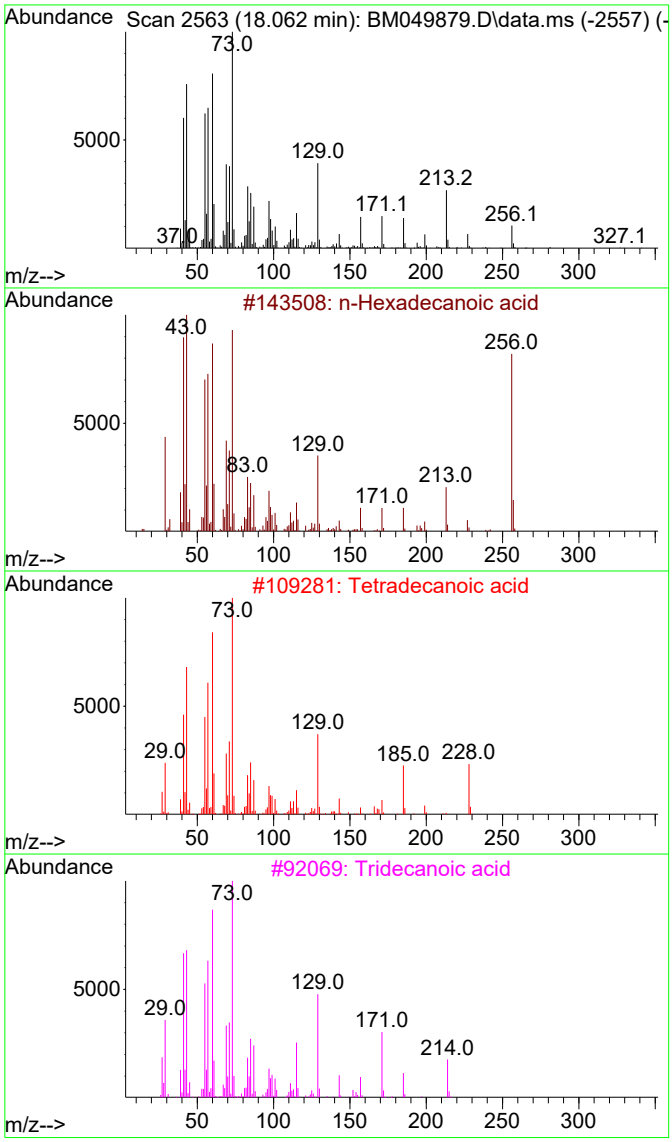
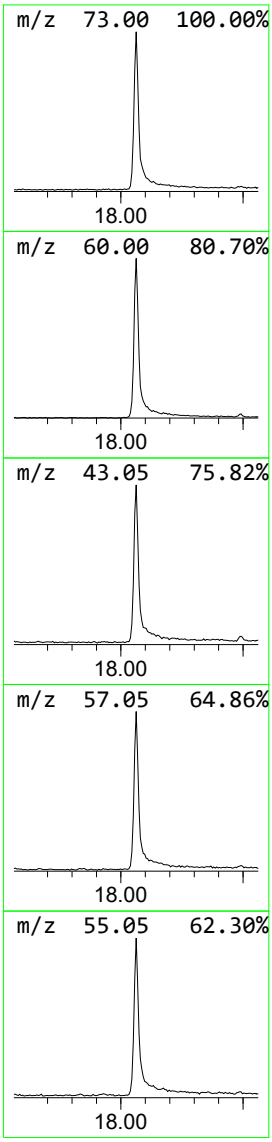
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.062	10.77 ng	1591760	Phenanthrene-d10	17.162

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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TIC Library : C:\Database\NIST20.L
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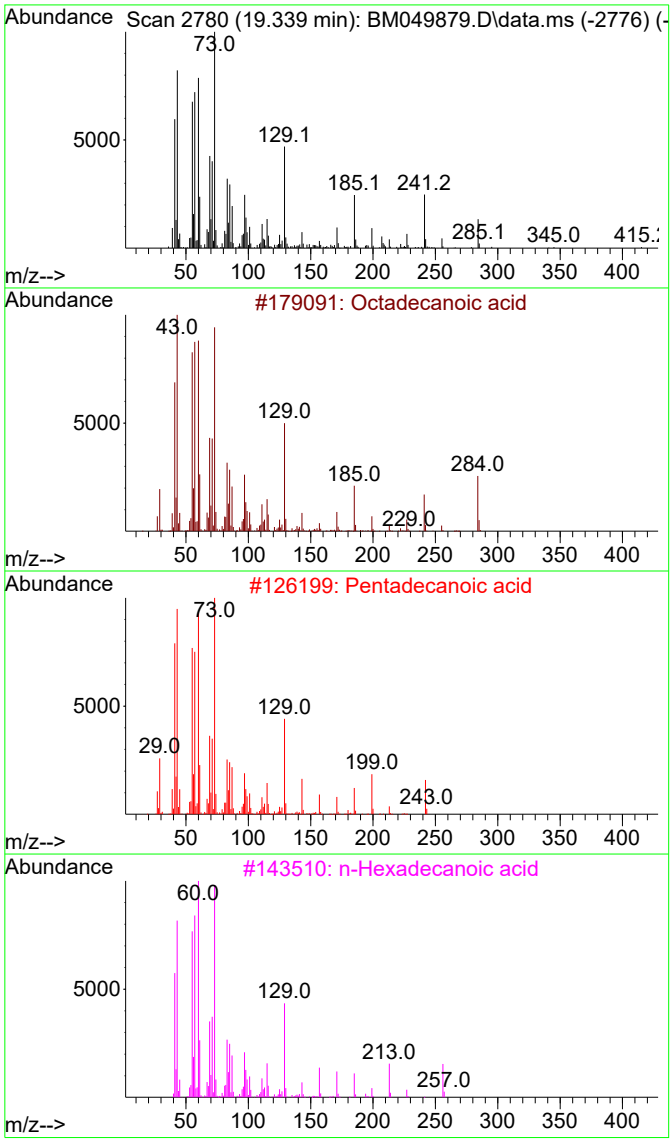
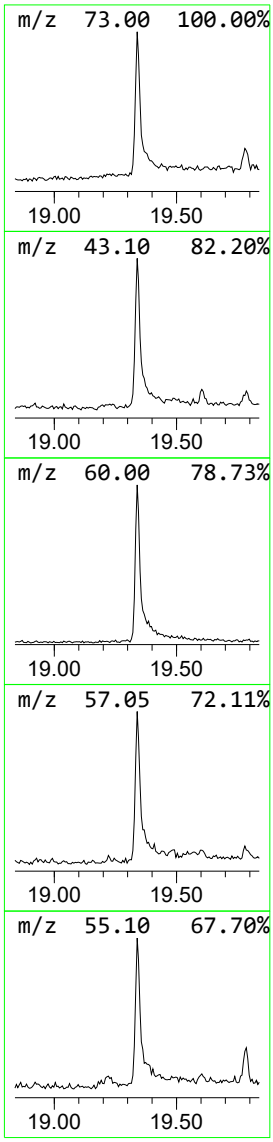
****

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	3.57 ng	603871	Chrysene-d12	21.397

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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TIC Library : C:\Database\NIST20.L
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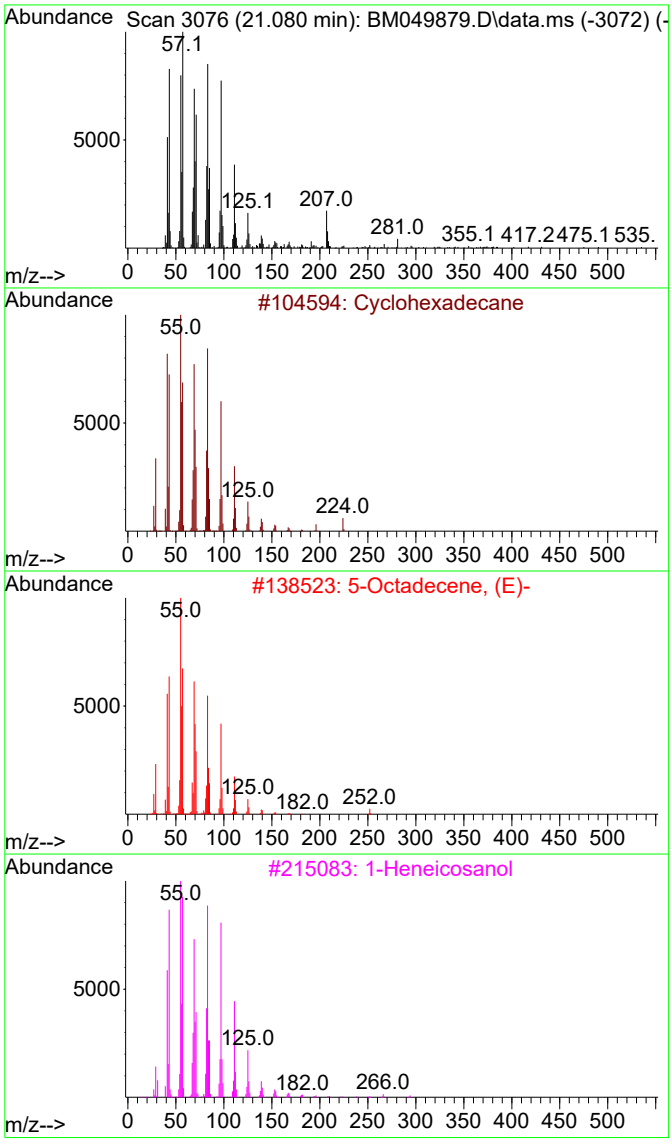
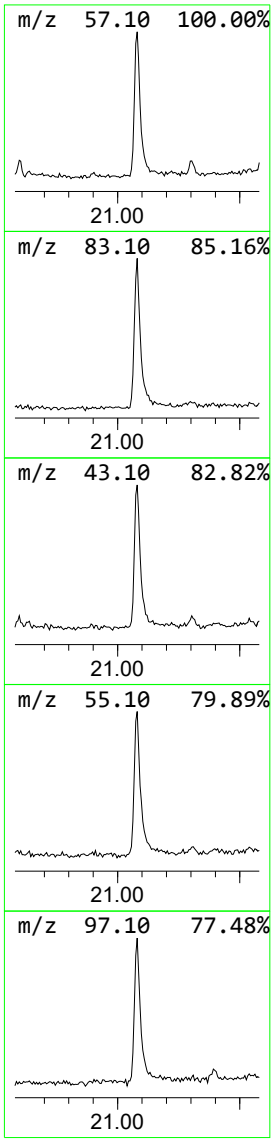
****

Peak Number 6 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	4.12 ng	697640	Chrysene-d12	21.397

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	1-Tetracosene	336	C24H48	010192-32-2	91





Tentatively Identified Compound (LSC) summary

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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-...	4.893	20.4	ng	1475850	1	7.775	1450570	20.0
2-Pentanone, 4-...	5.969	3.5	ng	253949	1	7.775	1450570	20.0
Benzophenone	15.774	7.5	ng	937904	3	14.416	2489950	20.0
n-Hexadecanoic ...	18.062	10.8	ng	1591760	4	17.162	2957120	20.0
Octadecanoic acid	19.339	3.6	ng	603871	5	21.397	3383840	20.0
Cyclohexadecane	21.080	4.1	ng	697640	5	21.397	3383840	20.0