LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050492.D
Acq On : 23 Jul 2025 16:18
Operator : RC/JU
Sample : Q2633-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FIBER-GLASS-TANK

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-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050492.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	34	rVB	12160625	16241734	39.70%	8.114%
2	4.957	330	335	344	rBV	477080	690700	1.69%	0.345%
3	5.422	407	414	427	rBV	5484685	8130750	19.87%	4.062%
4	7.010	677	684	692	rBV	3313298	5185530	12.68%	2.591%
5	7.846	818	826	836	rBV	2438067	3811280	9.32%	1.904%
6	8.998	1014	1022	1033	rBV	6534431	11105208	27.14%	5.548%
7	10.645	1291	1302	1310	rBV	2834800	4910075	12.00%	2.453%
8	13.104	1711	1720	1731	rBV	17550069	25553577	62.46%	12.766%
9	14.475	1944	1953	1967	rBV	4324903	6494834	15.88%	3.245%
10	15.292	2082	2092	2102	rVB	379709	702978	1.72%	0.351%
11	15.827	2178	2183	2190	rVB	627045	877265	2.14%	0.438%
12	15.957	2198	2205	2217	rBV	14004136	20358155	49.76%	10.171%
13	17.210	2412	2418	2426	rVB2	4995325	7245039	17.71%	3.620%
14	18.115	2562	2572	2579	rBV	9831790	15073384	36.84%	7.531%
15	18.174	2580	2582	2597	rVB	656311	1223884	2.99%	0.611%
16	18.633	2655	2660	2670	rVB	319093	545157	1.33%	0.272%
17	18.974	2712	2718	2726	rVB	280300	580625	1.42%	0.290%
18	19.262	2759	2767	2780	rBV2	891960	2193780	5.36%	1.096%
19	19.386	2782	2788	2811	rVV	7079432	10774196	26.34%	5.383%
20	19.827	2857	2863	2874	rBV2	34179181	40911467	100.00%	20.439%
21	21.439	3131	3137	3143	rBV	5777311	8360982	20.44%	4.177%
22	24.468	3644	3652	3665	rVB	3503785	9191071	22.47%	4.592%

Sum of corrected areas: 200161671

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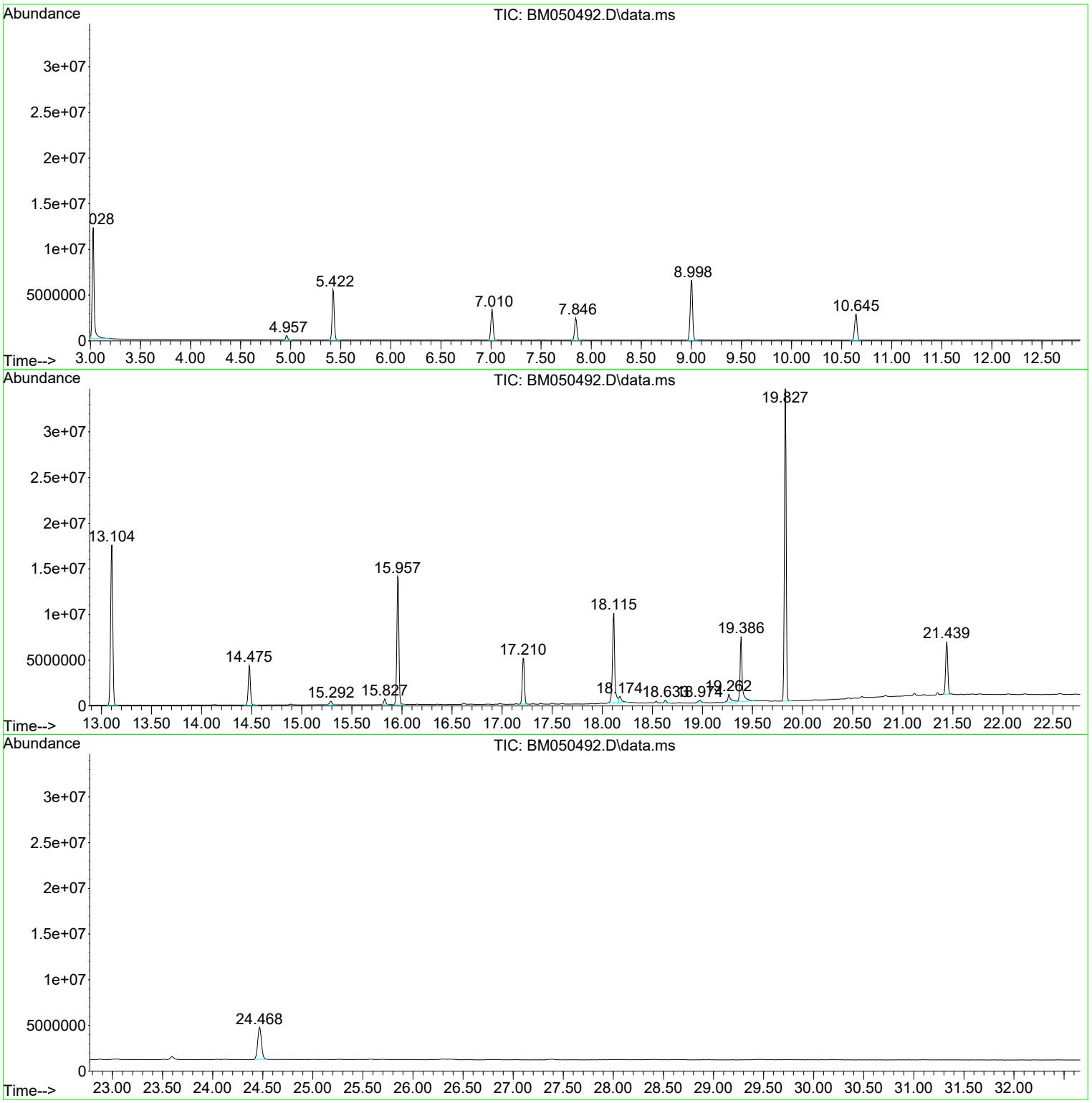
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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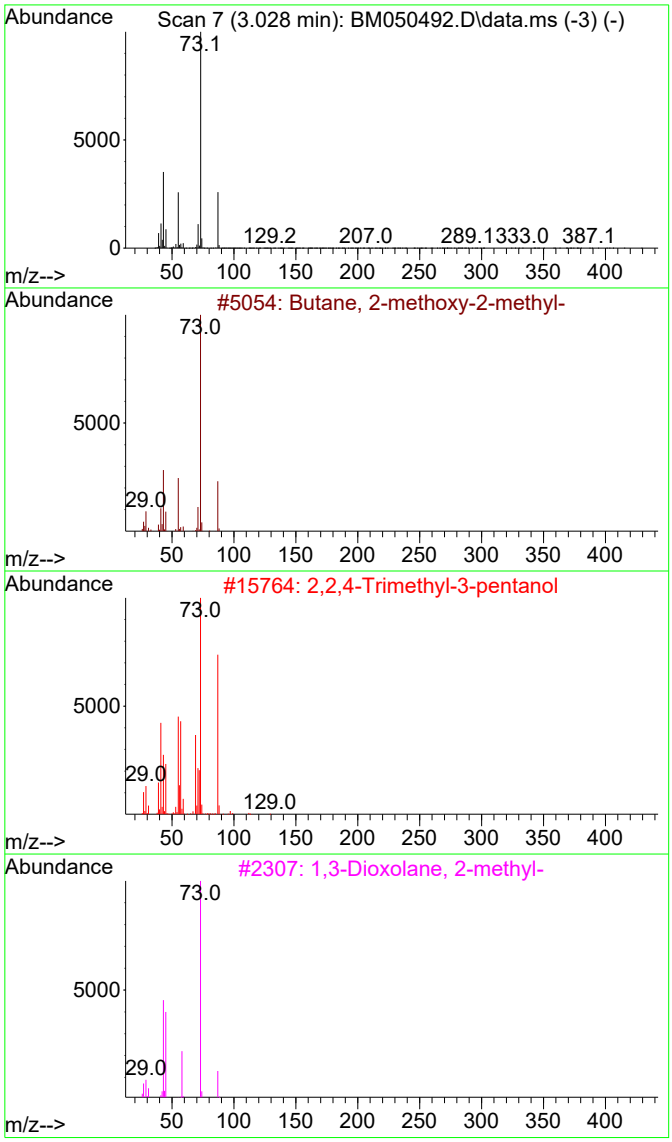
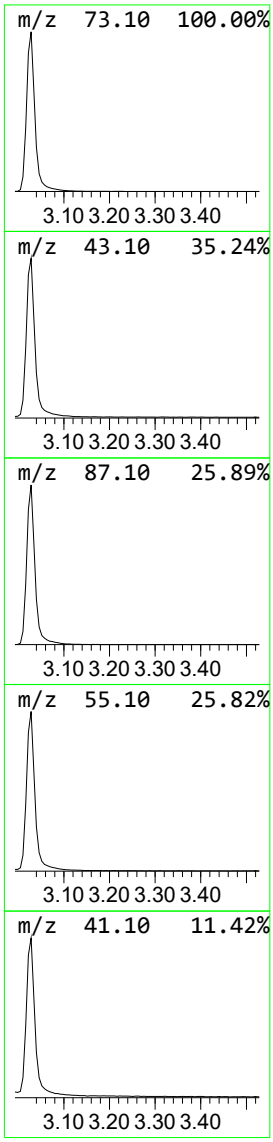
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	85.23 ng	16241700	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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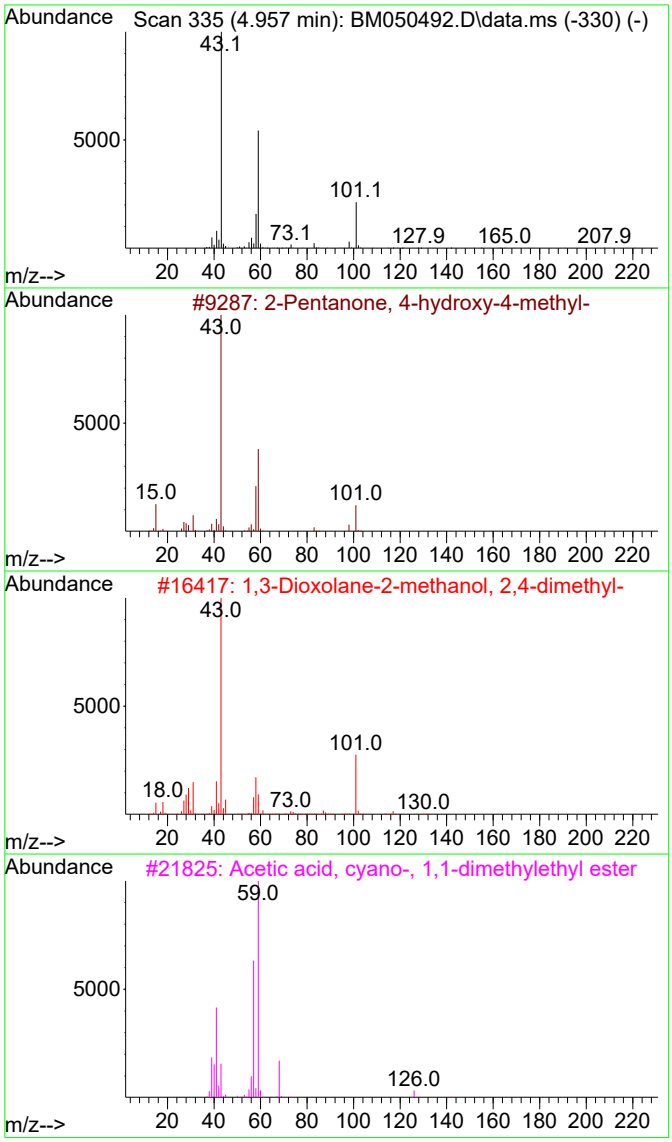
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

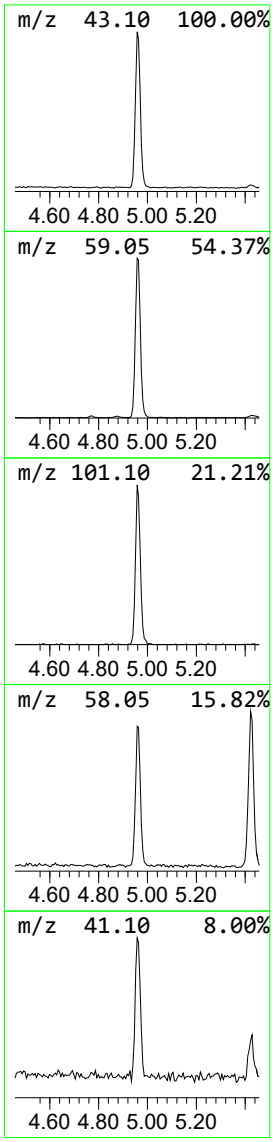
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	3.62 ng	690700	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Sample : Q2633-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
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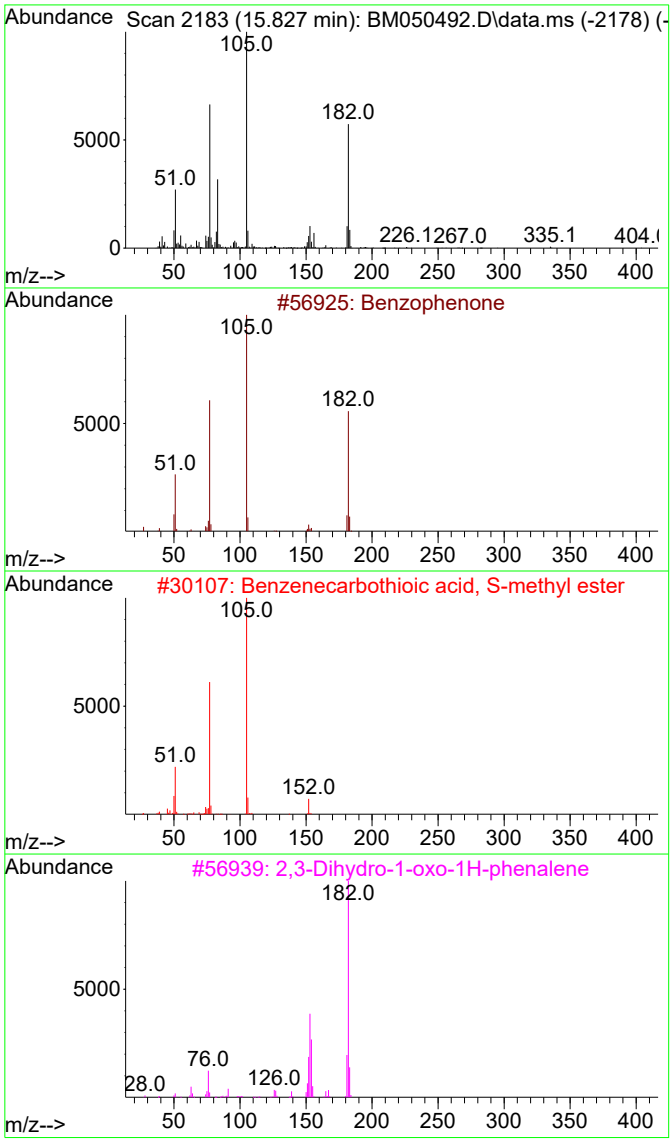
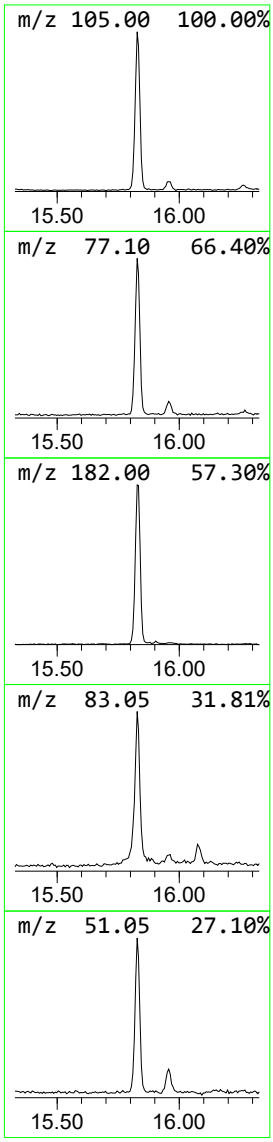
Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.827	2.70 ng	877265	Acenaphthene-d10	14.475

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	41
3	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	38
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	38
5	6-Benzamido-4-benzoyl-1,2,4-tria...	336	C17H12N4O4	1000224-14-0	38





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
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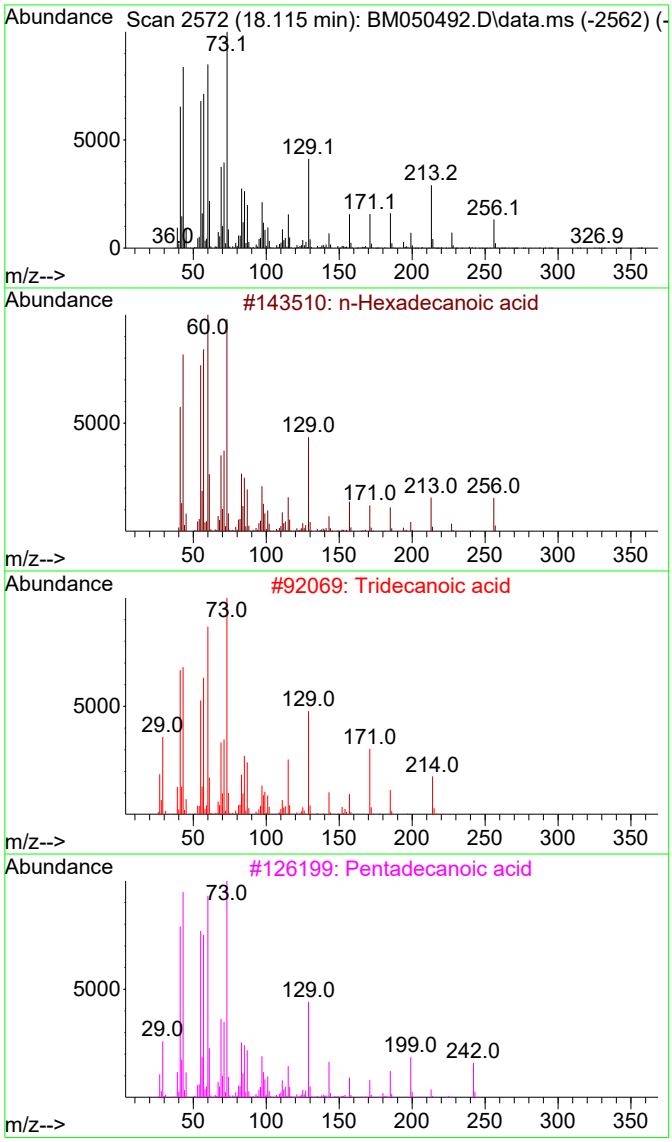
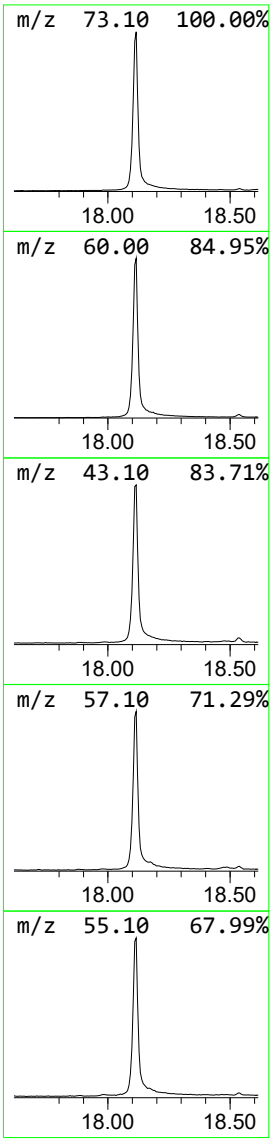
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	41.61 ng	15073400	Phenanthrene-d10	17.210

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Sample : Q2633-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

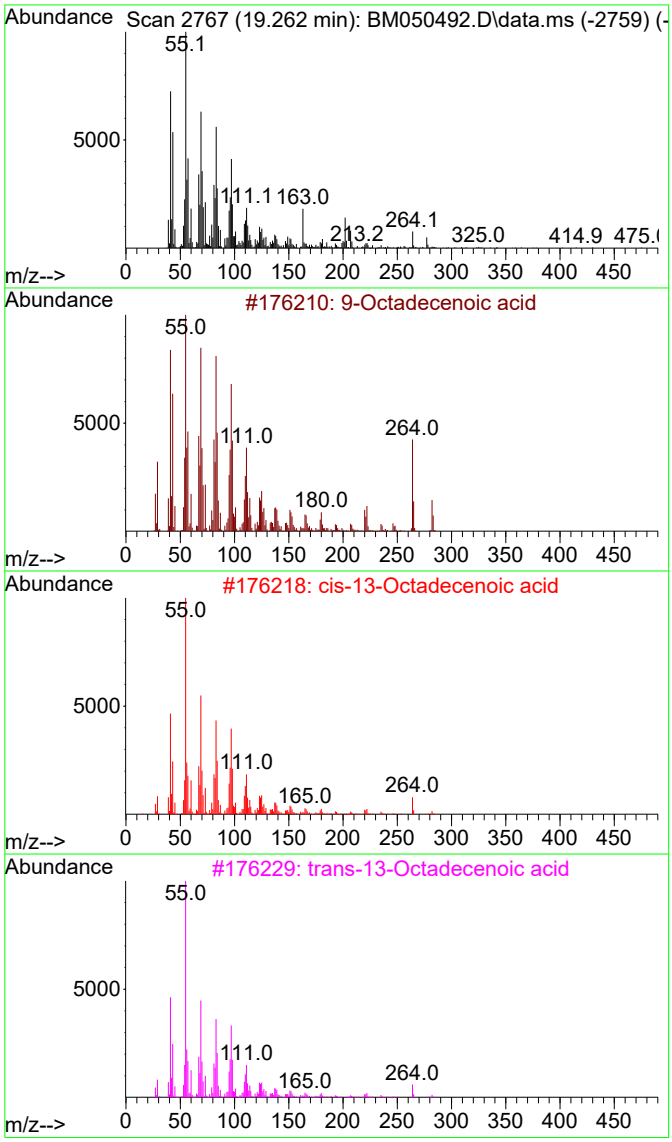
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

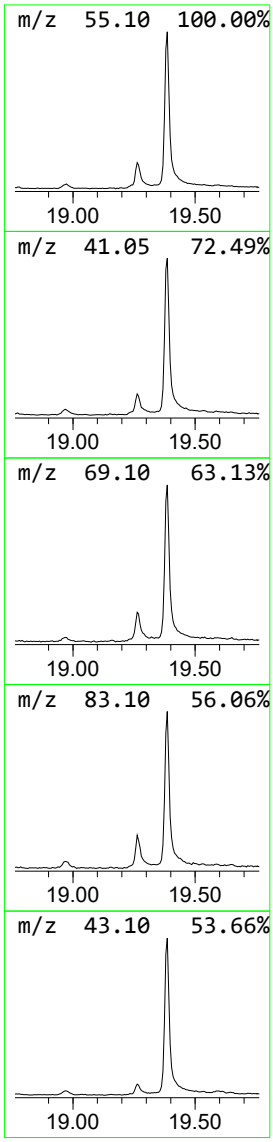
****

Peak Number 5 9-Octadecenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.262	6.06 ng	2193780	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	99
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	97
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	96
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	95
5	Oleyl alcohol, trifluoroacetate	364	C20H35F3O2	1000352-68-4	90





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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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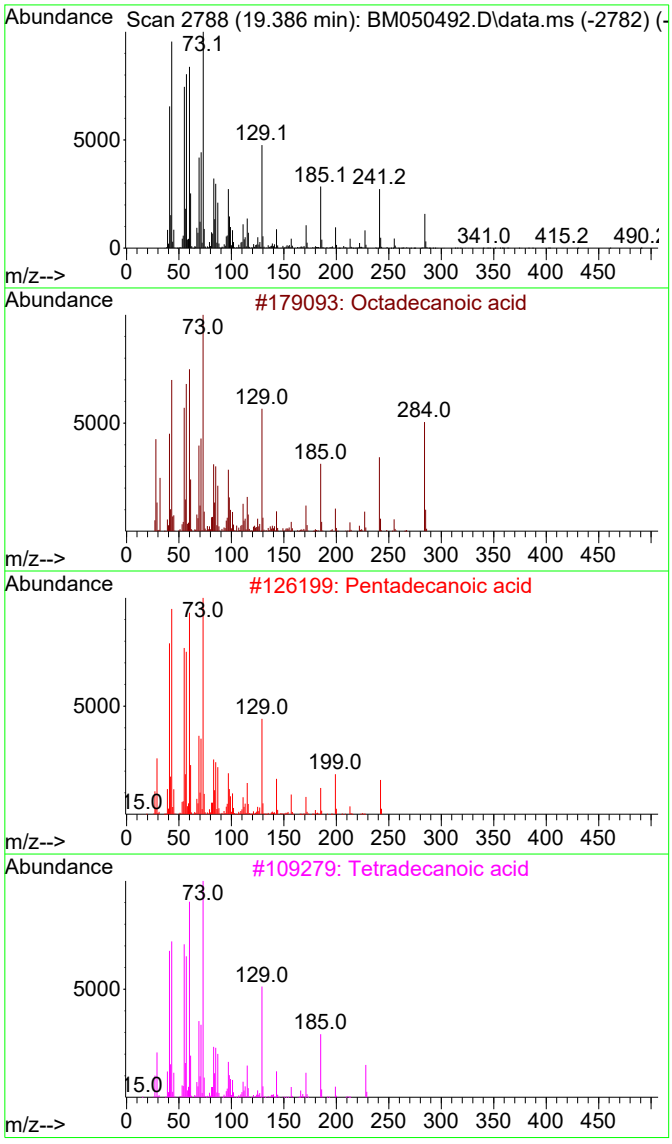
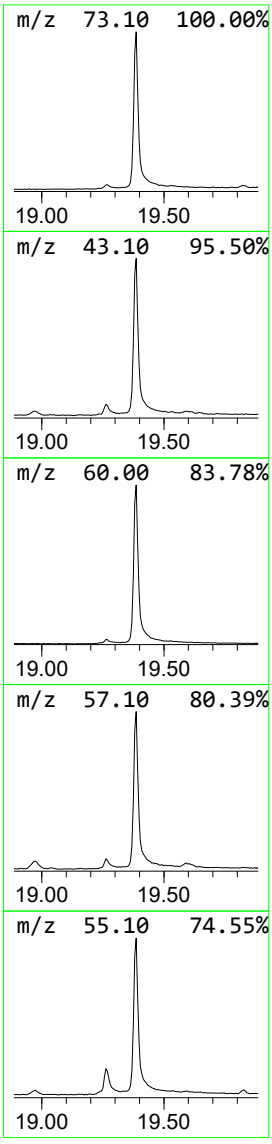
Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	25.77 ng	10774200	Chrysene-d12	21.439

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	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.028	85.2	ng	16241700	1	7.846	3811280	20.0
2-Pentanone, 4-...	4.957	3.6	ng	690700	1	7.846	3811280	20.0
Benzophenone	15.827	2.7	ng	877265	3	14.475	6494830	20.0
n-Hexadecanoic ...	18.115	41.6	ng	15073400	4	17.210	7245040	20.0
9-Octadecenoic ...	19.262	6.1	ng	2193780	4	17.210	7245040	20.0
Octadecanoic acid	19.386	25.8	ng	10774200	5	21.439	8360980	20.0