LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049888.D
Acq On : 10 Apr 2025 17:25
Operator : RC/JU
Sample : Q1754-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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: BM049888.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	332	rBV	976536	1328788	9.42%	1.819%
2	5.363	397	404	411	rBV	4069027	5743813	40.72%	7.863%
3	5.975	502	508	515	rVB	156683	234837	1.66%	0.321%
4	6.951	665	674	681	rBV	3984786	6217088	44.07%	8.511%
5	7.428	746	755	760	rBV	95543	170644	1.21%	0.234%
6	7.775	807	814	825	rBV	1119821	1774580	12.58%	2.429%
7	8.416	919	923	931	rBV	103472	168976	1.20%	0.231%
8	8.933	1005	1011	1021	rVB	2317826	3874678	27.47%	5.304%
9	9.463	1096	1101	1105	rBV	96750	152317	1.08%	0.209%
10	9.975	1183	1188	1195	rVB3	81406	147358	1.04%	0.202%
11	10.569	1280	1289	1295	rBV	1432174	2437634	17.28%	3.337%
12	12.233	1565	1572	1579	rVB2	78324	156327	1.11%	0.214%
13	13.039	1700	1709	1721	rBV	6886848	9783270	69.36%	13.393%
14	14.415	1936	1943	1951	rBV	2231468	3364328	23.85%	4.606%
15	15.774	2169	2174	2180	rBV	1326219	1795183	12.73%	2.458%
16	15.904	2190	2196	2205	rBV	6010463	8689198	61.60%	11.895%
17	16.339	2266	2270	2275	rBV	131407	178444	1.27%	0.244%
18	17.162	2404	2410	2414	rBV	2764023	3911448	27.73%	5.355%
19	17.203	2414	2417	2421	rVB	213593	275205	1.95%	0.377%
20	18.062	2559	2563	2570	rBV	1189069	1616287	11.46%	2.213%
21	19.221	2756	2760	2764	rBV	800201	1129762	8.01%	1.547%
22	19.580	2818	2821	2825	rVB	644687	707386	5.01%	0.968%
23	19.786	2851	2856	2861	rBV	11948630	14106024	100.00%	19.310%
24	21.397	3125	3130	3135	rBV	3249058	5085021	36.05%	6.961%

Sum of corrected areas: 73048596

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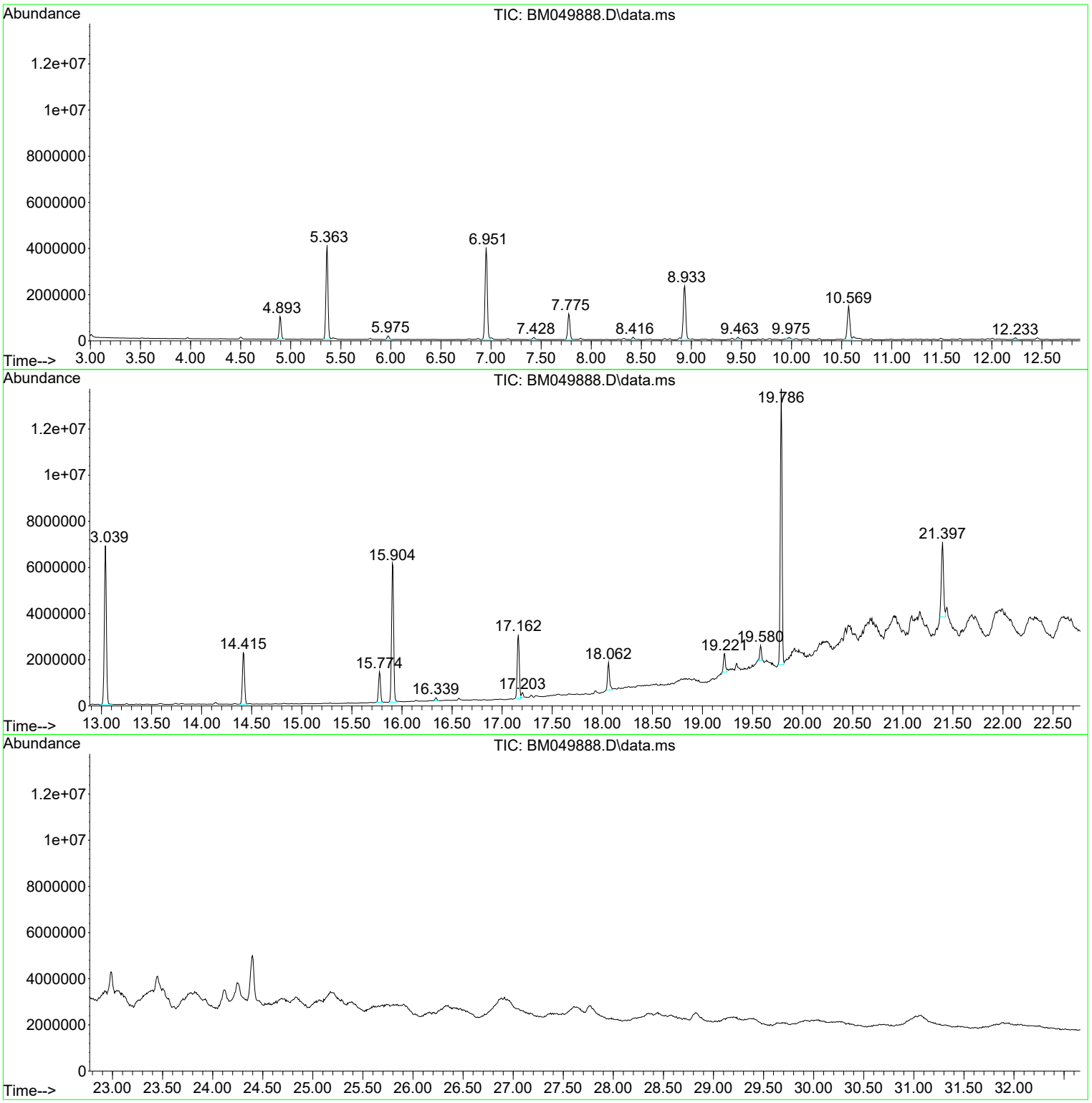
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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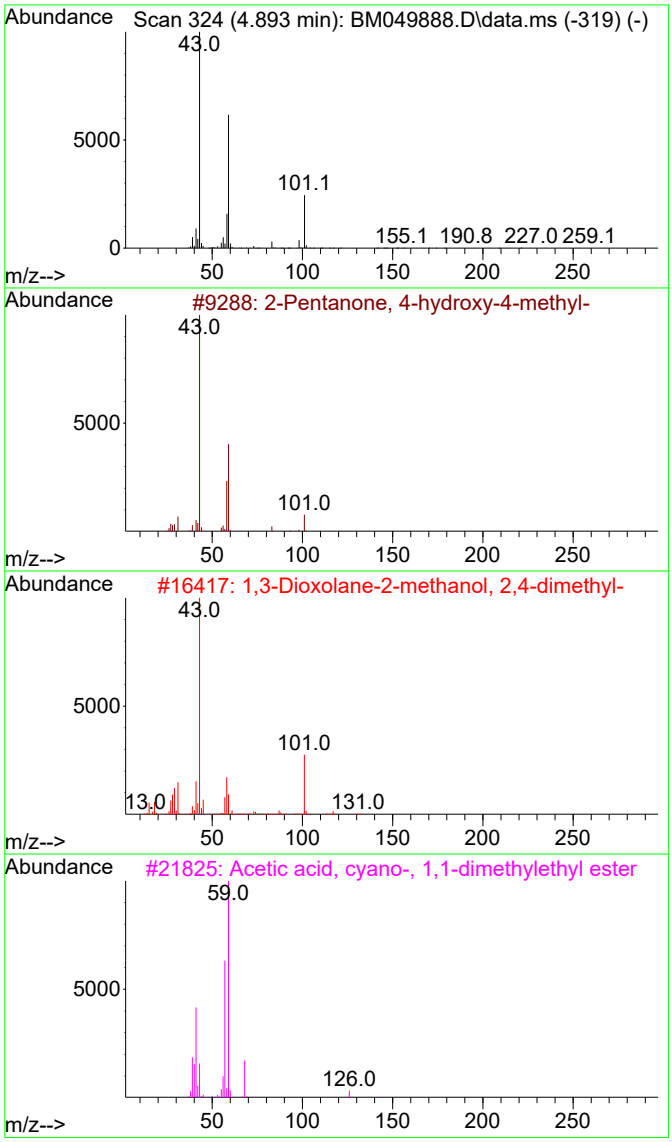
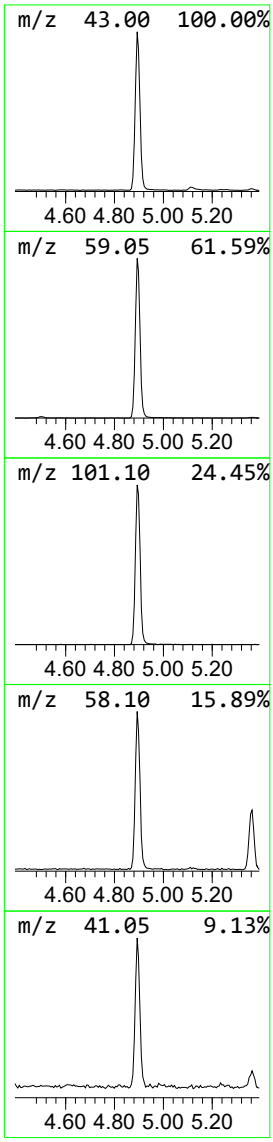
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	14.98 ng	1328790	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	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





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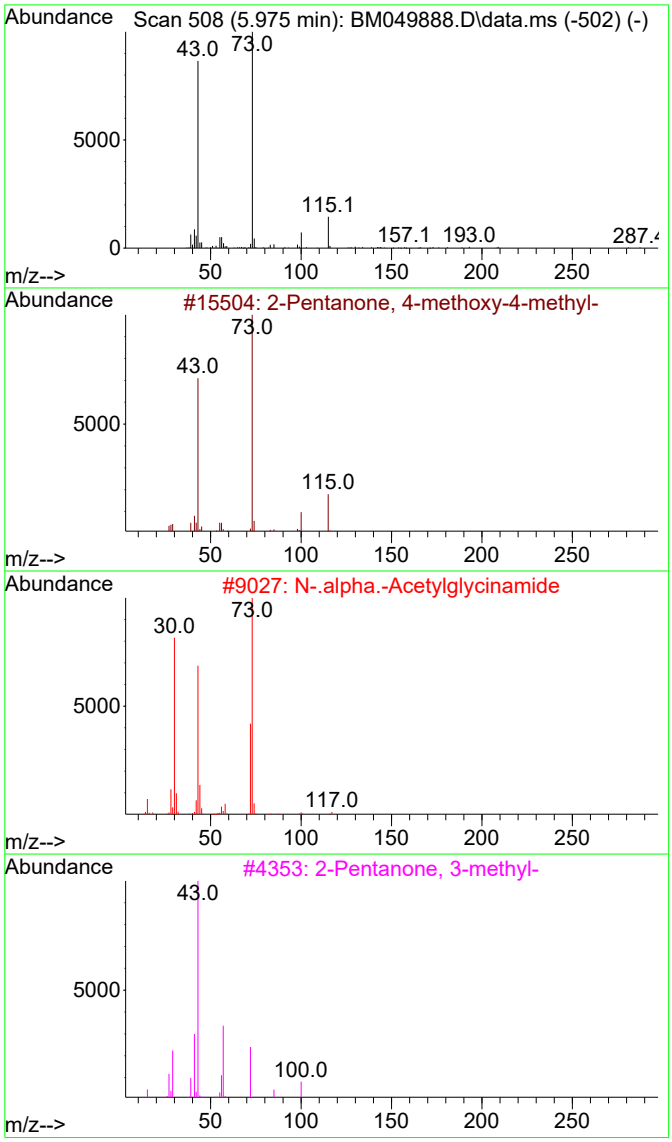
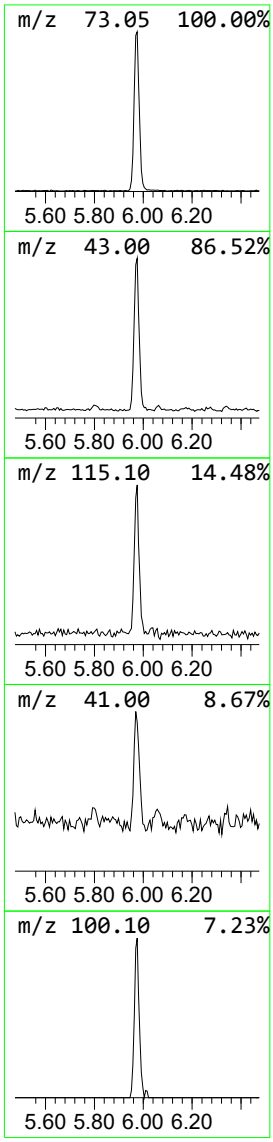
****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.975	2.65 ng	234837	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	59
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	25
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	12
4	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9





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Operator : RC/JU
Sample : Q1754-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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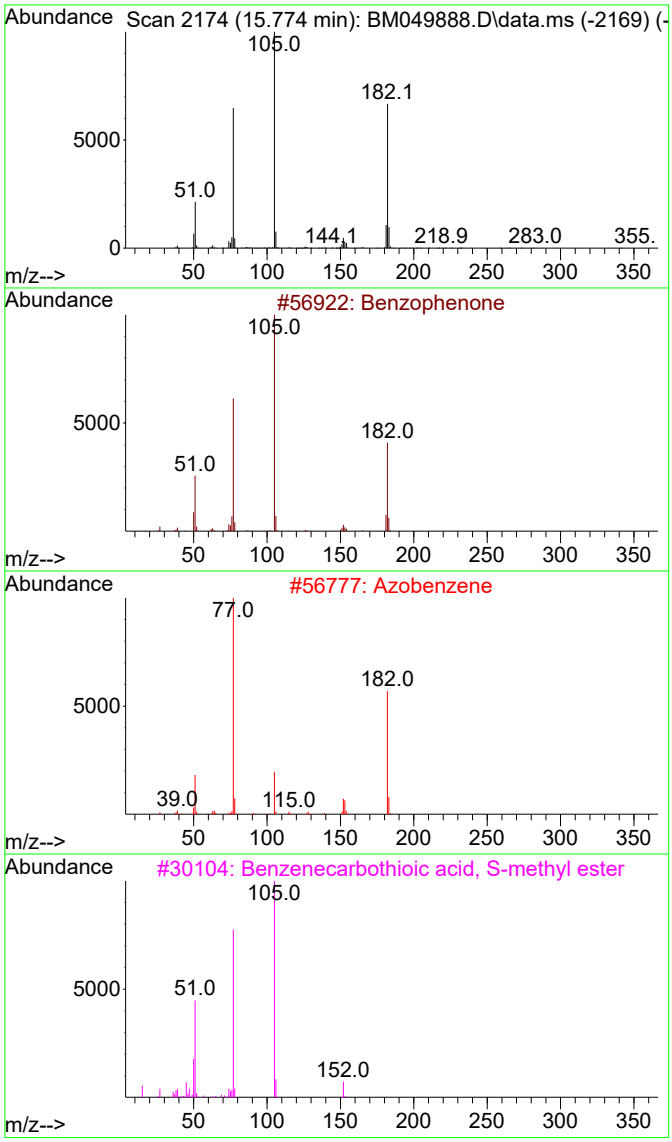
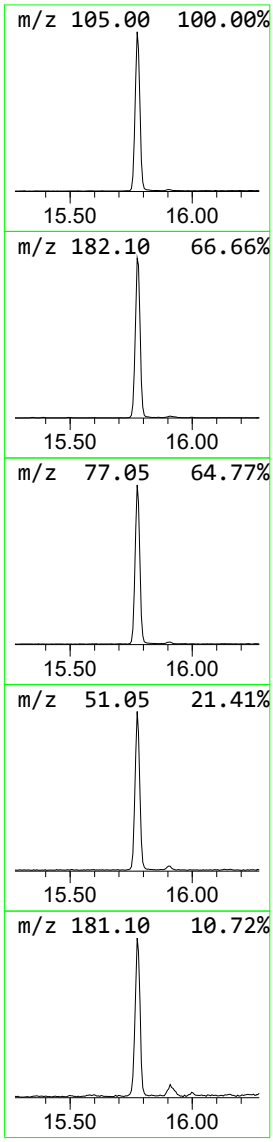
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	10.67 ng	1795180	Acenaphthene-d10	14.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43





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Instrument :
BNA_M
ClientSampleId :
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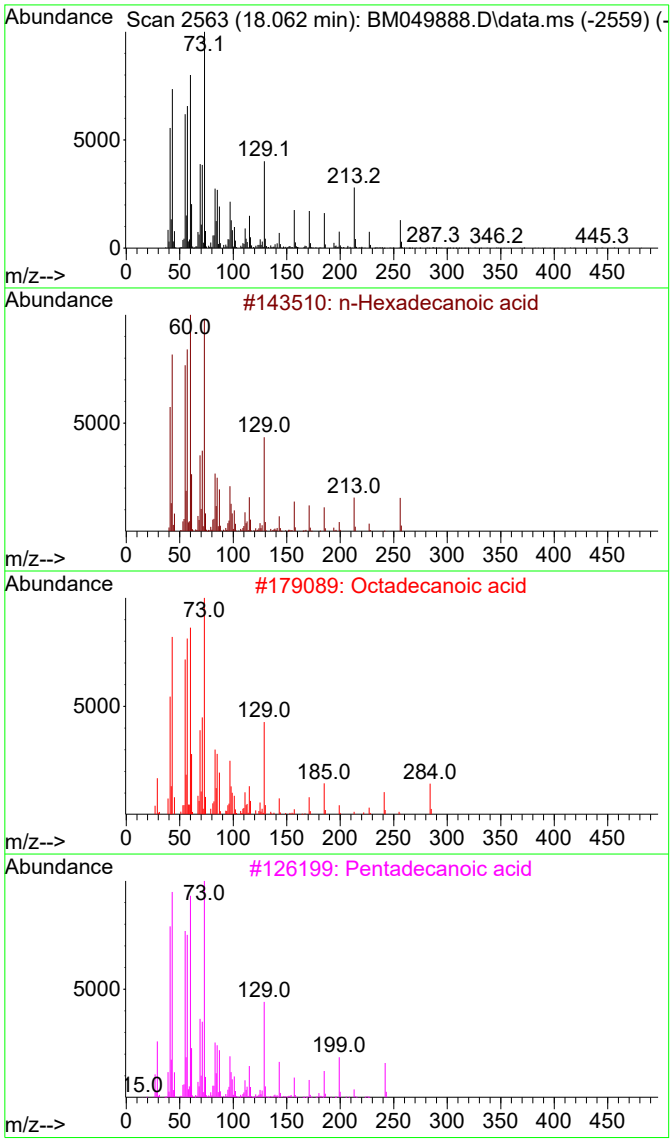
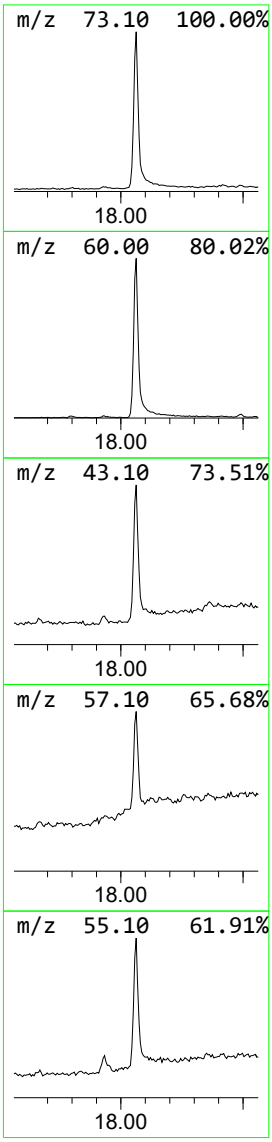
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.062	8.26 ng	1616290	Phenanthrene-d10	17.162

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	83





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	15.0	ng	1328790	1	7.775	1774580	20.0
2-Pentanone, 4-...	5.975	2.6	ng	234837	1	7.775	1774580	20.0
Benzophenone	15.774	10.7	ng	1795180	3	14.415	3364330	20.0
n-Hexadecanoic ...	18.062	8.3	ng	1616290	4	17.162	3911450	20.0