LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060122\
Data File : BM035349.D
Acq On : 01 Jun 2022 16:26
Operator : CG/JU
Sample : N2953-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P044-SS001-0612-01

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-BM052722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035349.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.451	395	402	419	rBV	1176855	1771126	40.81%	5.806%
2	7.045	666	673	690	rBV	1089505	1783025	41.08%	5.845%
3	7.863	805	812	821	rBV	369362	580414	13.37%	1.903%
4	9.022	1002	1009	1020	rBV	687249	1164799	26.84%	3.818%
5	10.663	1280	1288	1298	rBV	477417	797089	18.37%	2.613%
6	13.127	1700	1707	1720	rBV	2093788	3116765	71.81%	10.216%
7	14.504	1934	1941	1957	rVB	713638	1093173	25.19%	3.583%
8	15.992	2188	2194	2206	rBV	1614045	2354052	54.24%	7.716%
9	16.657	2303	2307	2316	rBV	45303	77500	1.79%	0.254%
10	17.245	2399	2407	2414	rBV	869215	1271513	29.30%	4.168%
11	17.927	2519	2523	2529	rVB	97461	118240	2.72%	0.388%
12	18.162	2556	2563	2584	rBV	2322689	3509667	80.86%	11.504%
13	18.339	2589	2593	2600	rVB3	34893	63666	1.47%	0.209%
14	19.009	2704	2707	2714	rBV	42461	62656	1.44%	0.205%
15	19.098	2718	2722	2727	rVV	198697	219437	5.06%	0.719%
16	19.233	2742	2745	2749	rVB	53200	56735	1.31%	0.186%
17	19.286	2750	2754	2755	rBV	116755	136684	3.15%	0.448%
18	19.315	2755	2759	2774	rVV	1482627	2262909	52.14%	7.418%
19	19.433	2775	2779	2796	rVV	1726162	2296165	52.90%	7.527%
20	19.874	2848	2854	2859	rBV	3557928	4340251	100.00%	14.227%
21	21.144	3067	3070	3077	rBV2	209411	270733	6.24%	0.887%
22	21.433	3114	3119	3123	rBV	1194301	1573899	36.26%	5.159%
23	23.797	3516	3521	3529	rVB2	838879	1586763	36.56%	5.201%

Sum of corrected areas: 30507261

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ClientSampleId :
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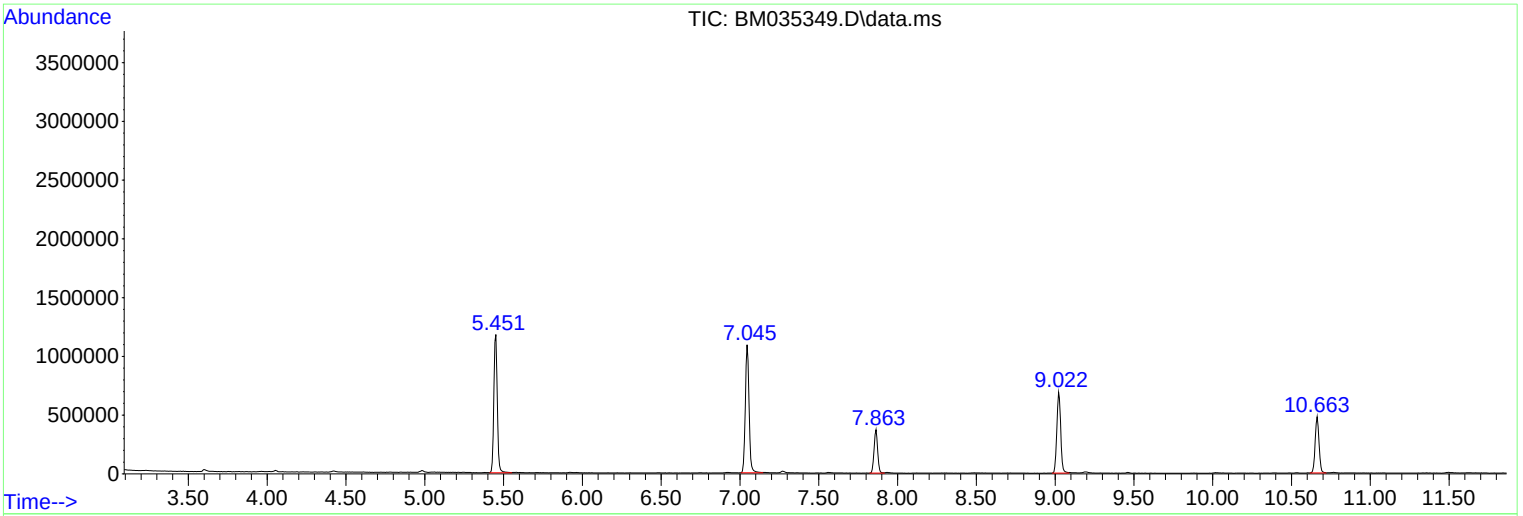
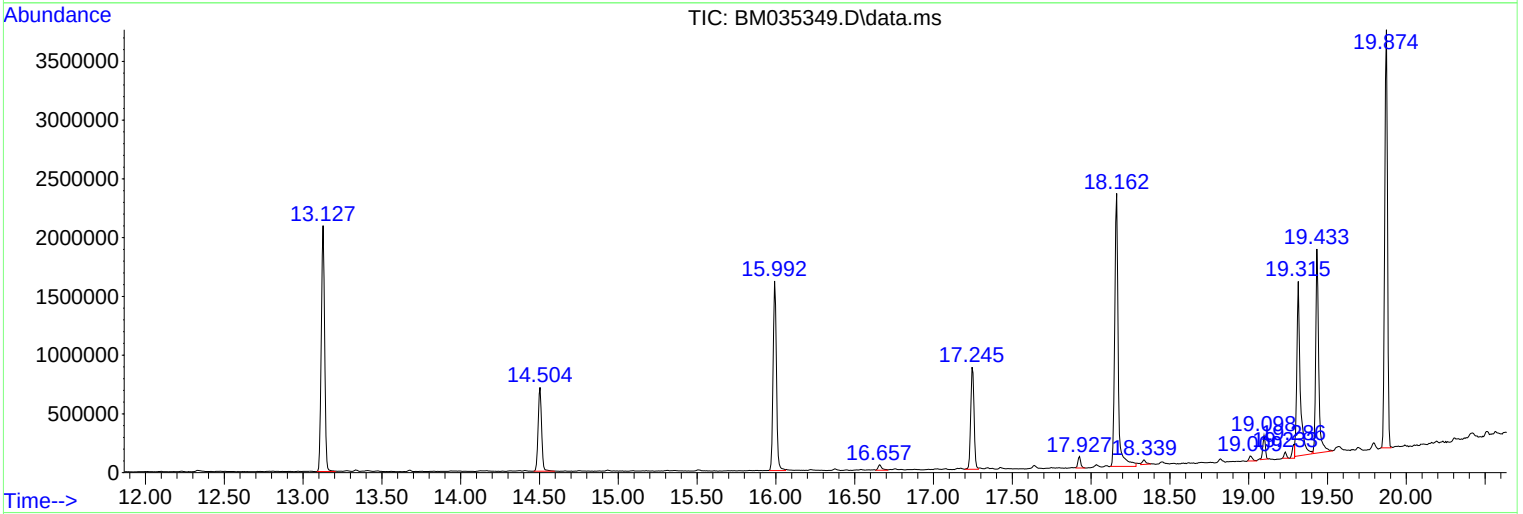
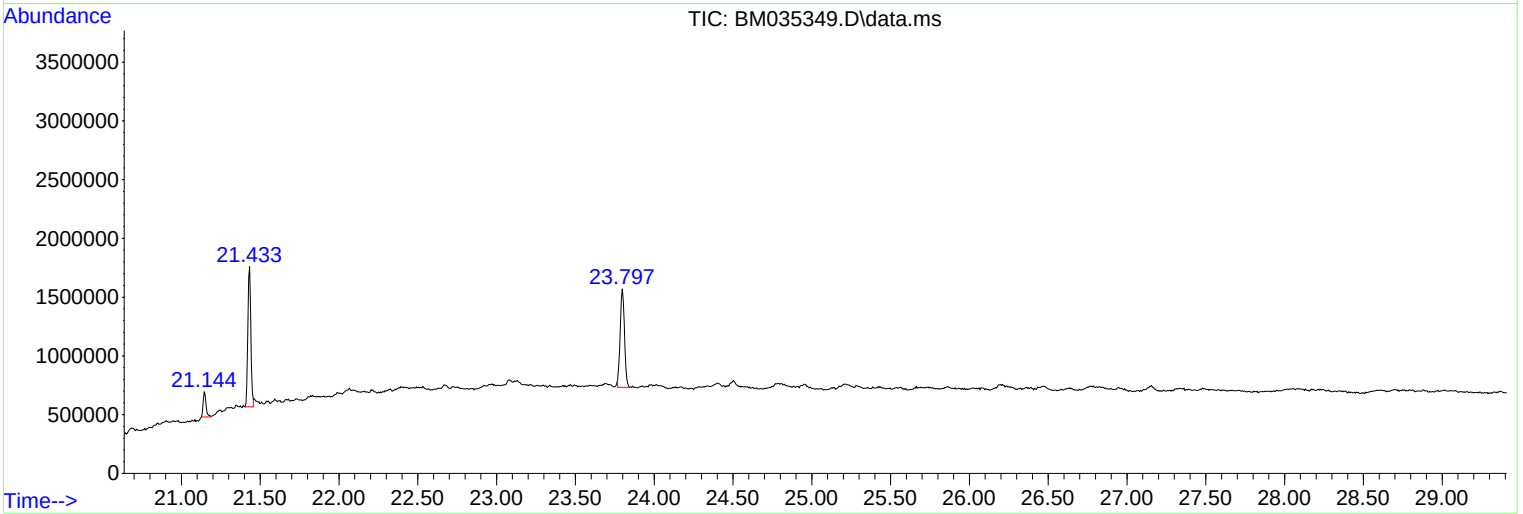
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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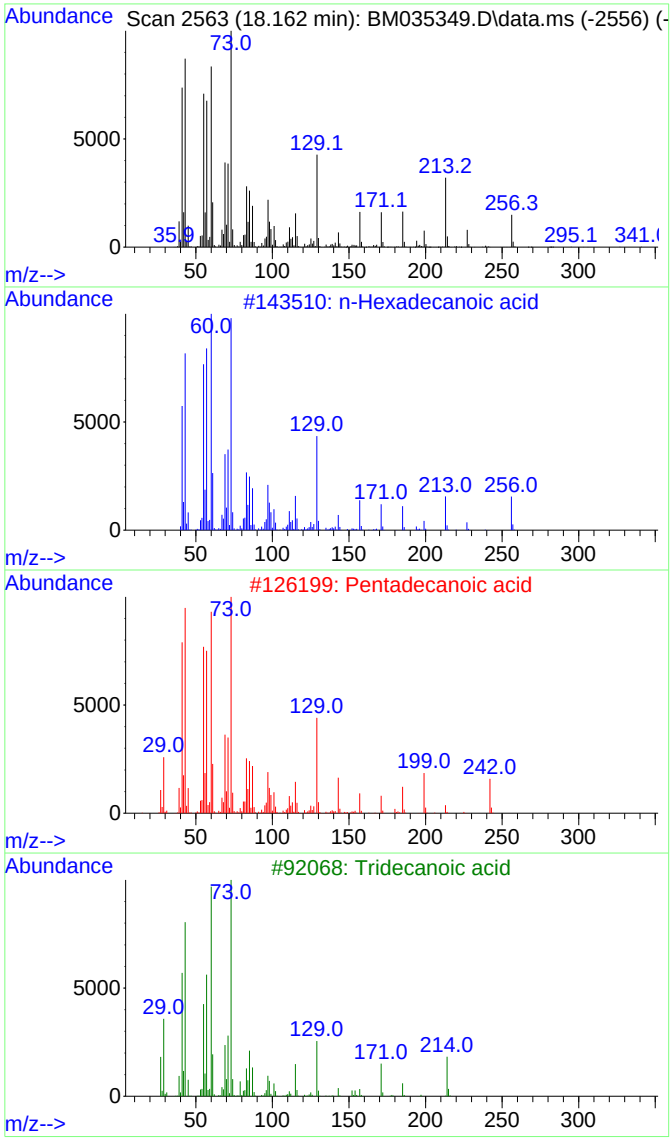
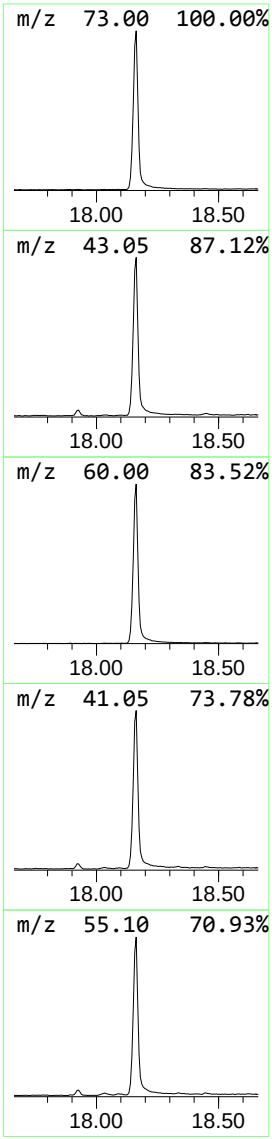
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.162	55.20 ng	3509670	Phenanthrene-d10	17.245

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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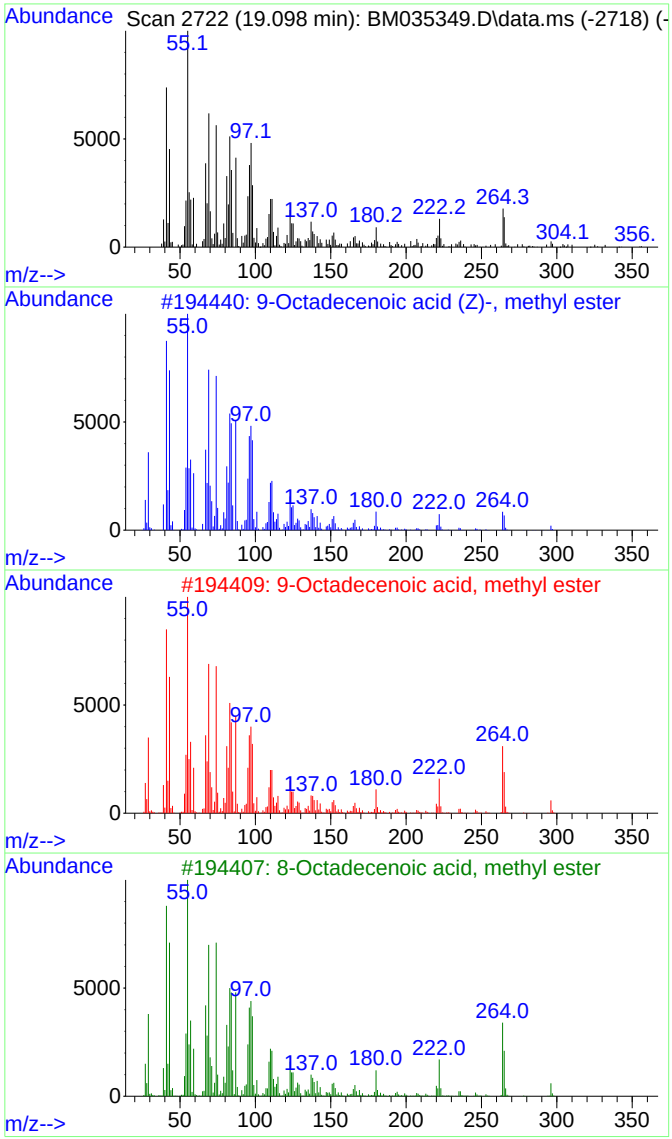
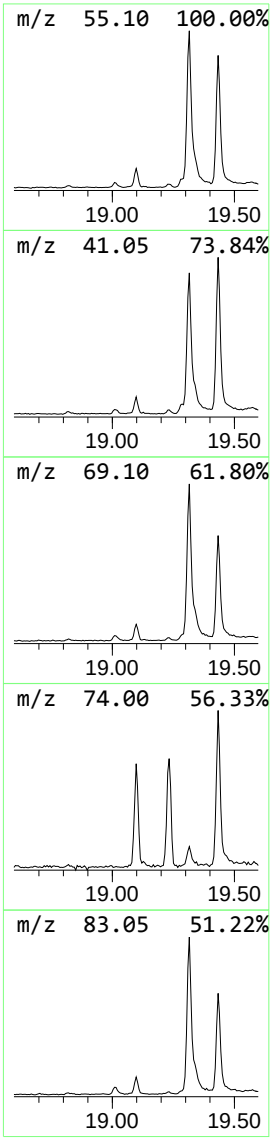
Peak Number 2 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	3.45 ng	219437	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	99





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Sample : N2953-05
Misc :
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Instrument :
BNA_M
ClientSampleId :
P044-SS001-0612-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
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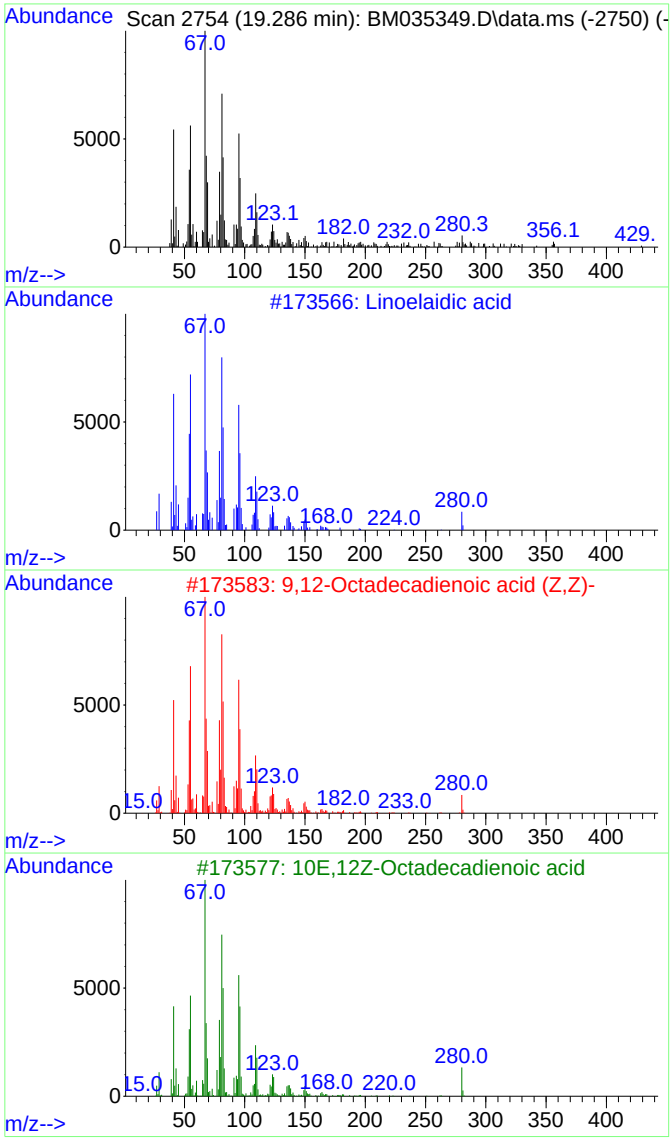
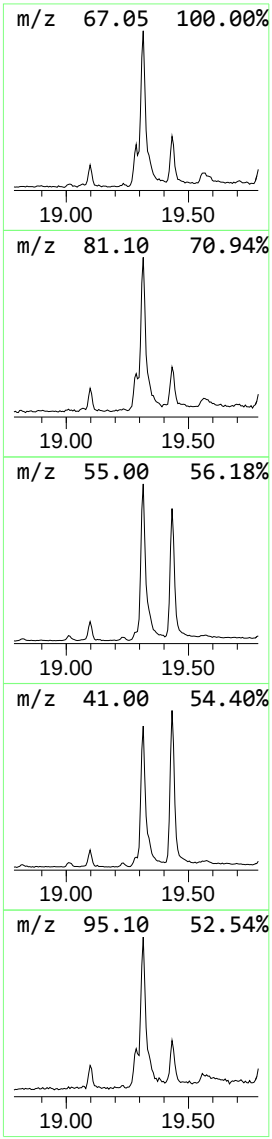
Peak Number 3 Linoelaidic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.286	2.15 ng	136684	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Linoelaidic acid	280	C18H32O2	000506-21-8	99
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	99
4	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	98
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95





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Sample : N2953-05
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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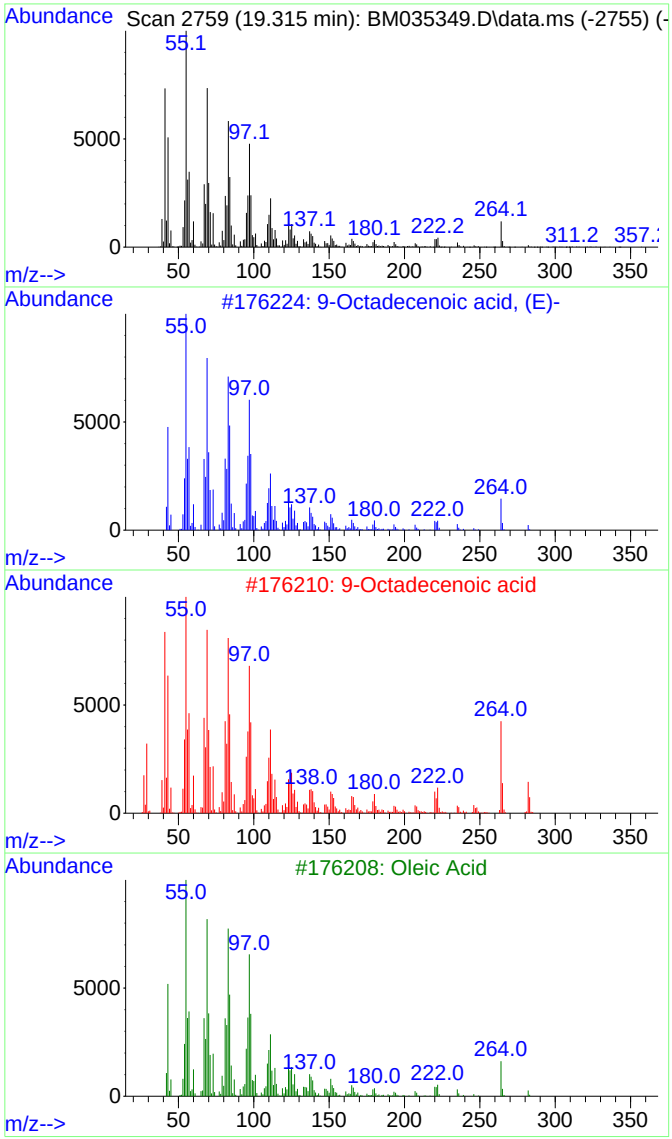
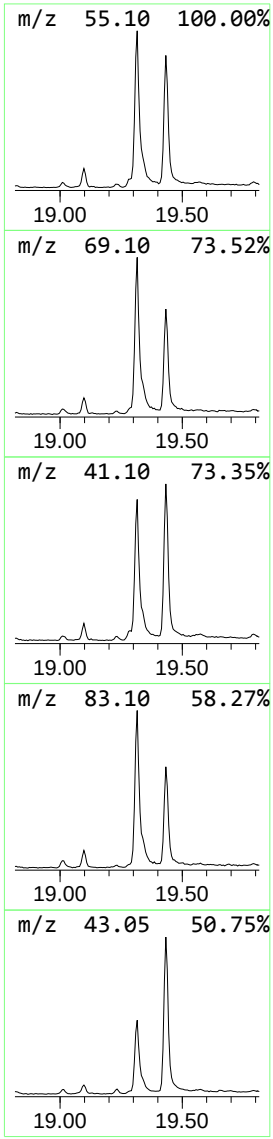
Peak Number 4 9-Octadecenoic acid, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.315	35.59 ng	2262910	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
2	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91
3	Oleic Acid	282	C18H34O2	000112-80-1	86
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	86
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	83





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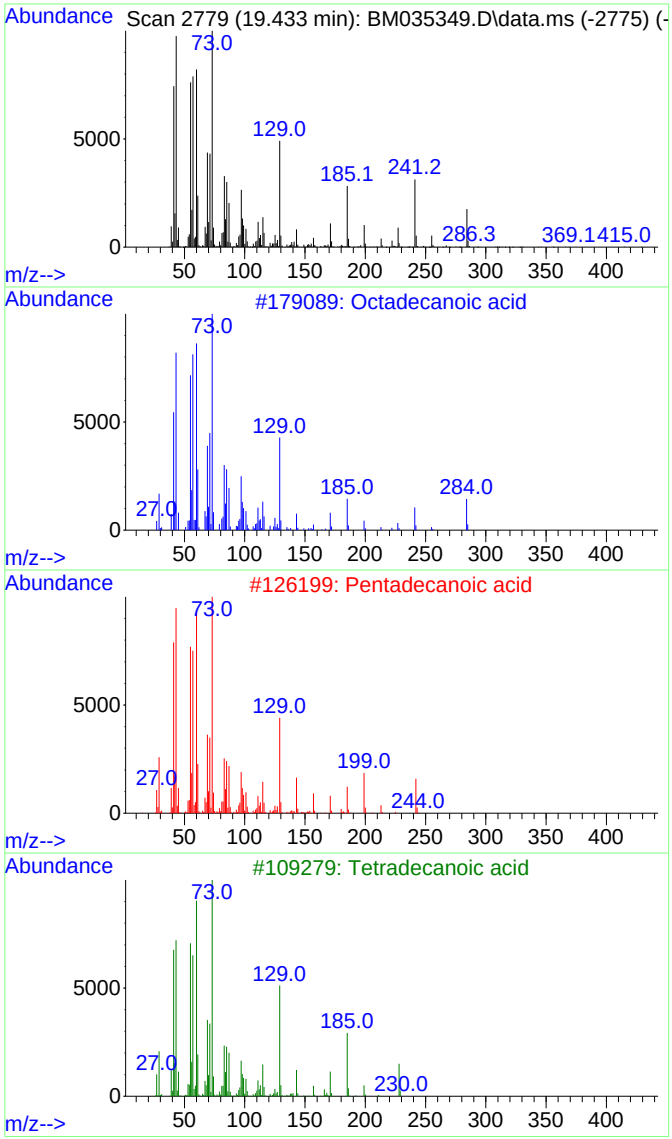
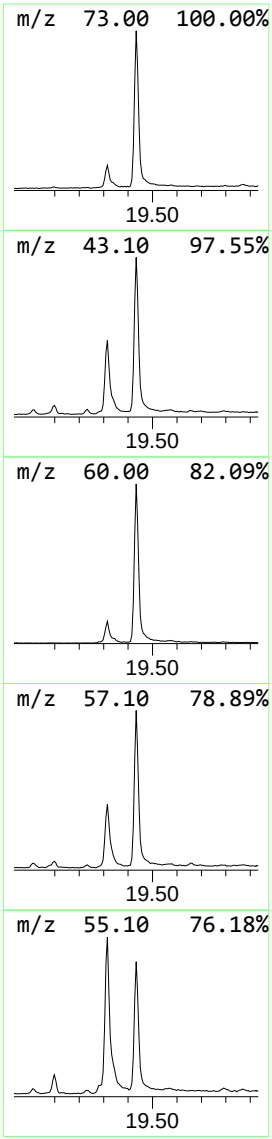
Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	29.18 ng	2296170	Chrysene-d12	21.433

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	90
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





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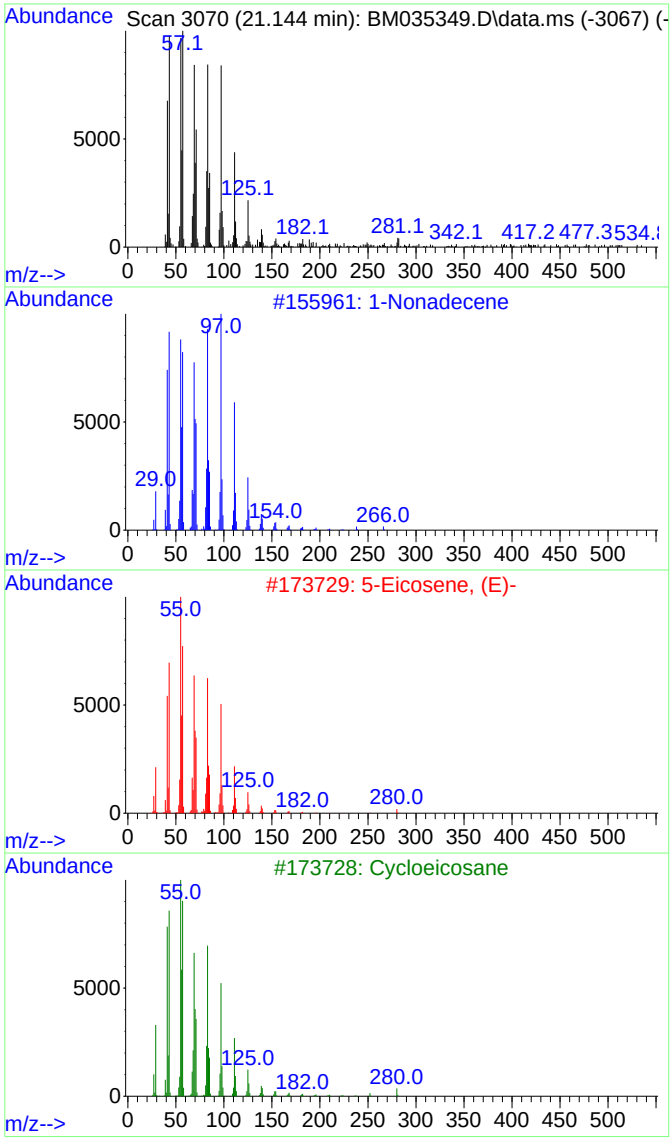
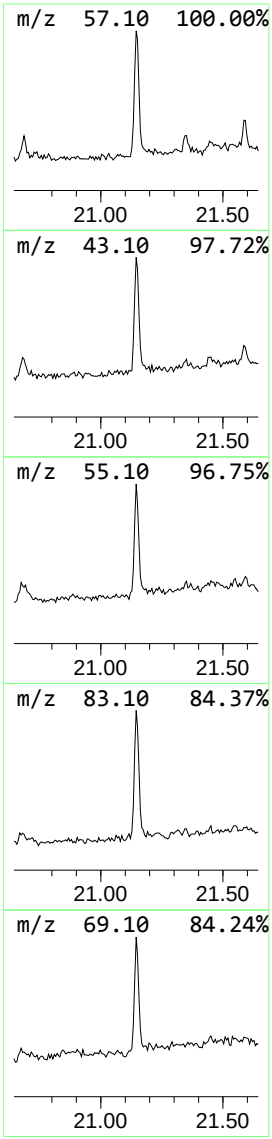
Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	3.44 ng	270733	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Cycloeicosane	280	C20H40	000296-56-0	94
4	Heptacos-1-ene	378	C27H54	015306-27-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





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
n-Hexadecanoic ...	18.162	55.2	ng	3509670	4	17.245	1271510	20.0
9-Octadecenoic ...	19.098	3.5	ng	219437	4	17.245	1271510	20.0
Linoelaidic acid	19.286	2.1	ng	136684	4	17.245	1271510	20.0
9-Octadecenoic ...	19.315	35.6	ng	2262910	4	17.245	1271510	20.0
Octadecanoic acid	19.433	29.2	ng	2296170	5	21.433	1573900	20.0
1-Nonadecene	21.145	3.4	ng	270733	5	21.433	1573900	20.0