LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
Data File : BP006207.D
Acq On : 13 Jul 2021 18:52
Operator : CG/JU
Sample : M2999-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FRAC-TANK-N43502

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_P\Methods\8270E-BP070721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006207.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	393	399	420	rBV	1197220	2033605	20.48%	4.736%
2	7.046	666	673	694	rBV	562615	1178324	11.87%	2.744%
3	7.852	803	810	821	rBV	590506	996425	10.04%	2.321%
4	9.022	1001	1009	1034	rBV	1721386	3184324	32.07%	7.416%
5	10.446	1244	1251	1271	rBV	535950	1327308	13.37%	3.091%
6	10.657	1279	1287	1305	rVB	768972	1382193	13.92%	3.219%
7	13.116	1697	1705	1719	rBV	4767475	7222923	72.75%	16.822%
8	13.387	1747	1751	1760	rVB	129514	211508	2.13%	0.493%
9	14.487	1932	1938	1950	rBV	1169278	1777401	17.90%	4.139%
10	15.986	2187	2193	2210	rBV	3316247	5055962	50.93%	11.775%
11	17.239	2400	2406	2413	rBV	1360121	1933424	19.47%	4.503%
12	17.898	2514	2518	2523	rBV	164067	205342	2.07%	0.478%
13	18.122	2552	2556	2565	rBV	283105	433550	4.37%	1.010%
14	19.027	2707	2710	2714	rVB	382816	425939	4.29%	0.992%
15	19.157	2729	2732	2737	rVB	98460	109171	1.10%	0.254%
16	19.351	2761	2765	2774	rBV3	105387	183479	1.85%	0.427%
17	19.792	2834	2840	2848	rBV	8301666	9927970	100.00%	23.122%
18	20.551	2967	2969	2974	rVB4	101112	109255	1.10%	0.254%
19	21.021	3045	3049	3057	rBV2	295668	455633	4.59%	1.061%
20	21.092	3058	3061	3066	rBV	119643	172957	1.74%	0.403%
21	21.316	3095	3099	3107	rBV	1660779	2131059	21.47%	4.963%
22	23.698	3498	3504	3518	rVB2	1195909	2480223	24.98%	5.776%

Sum of corrected areas: 42937975

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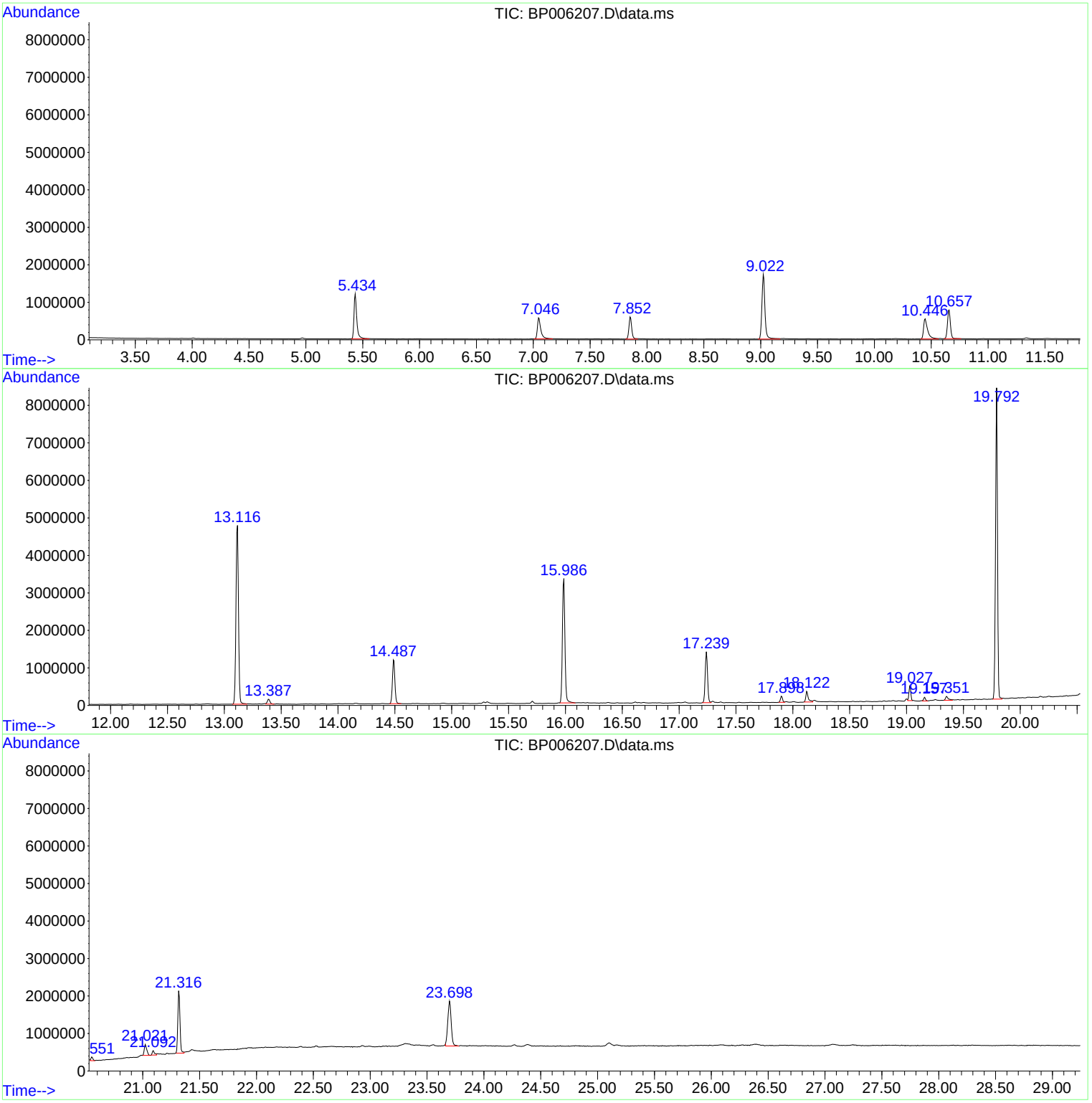
ClientSampleId :
FRAC-TANK-N43502

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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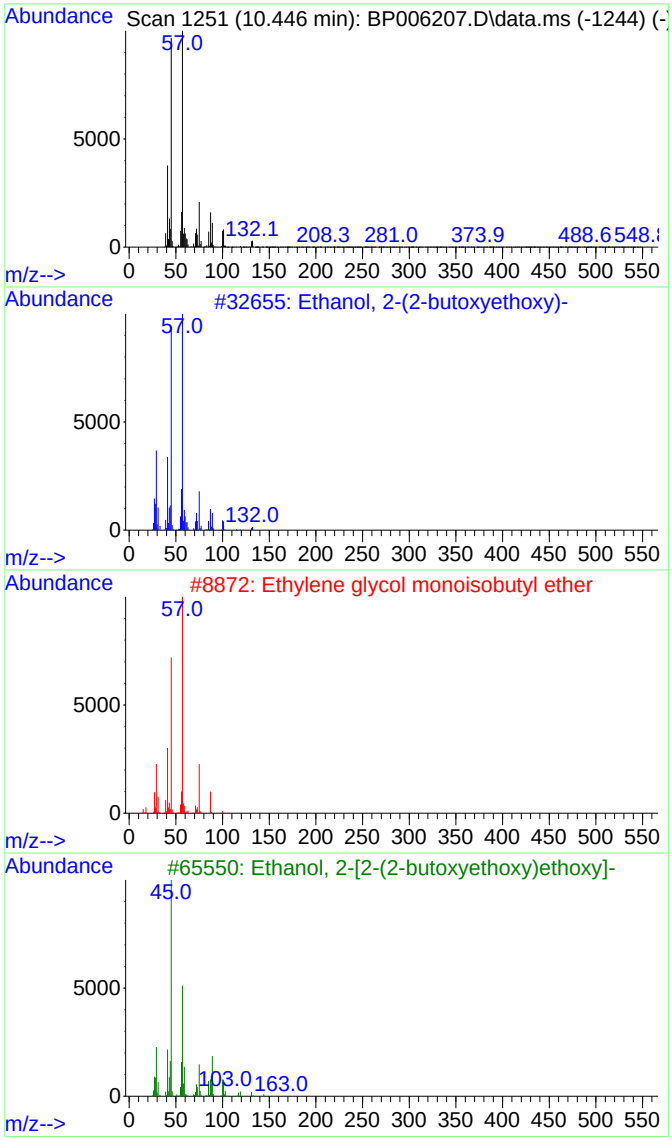
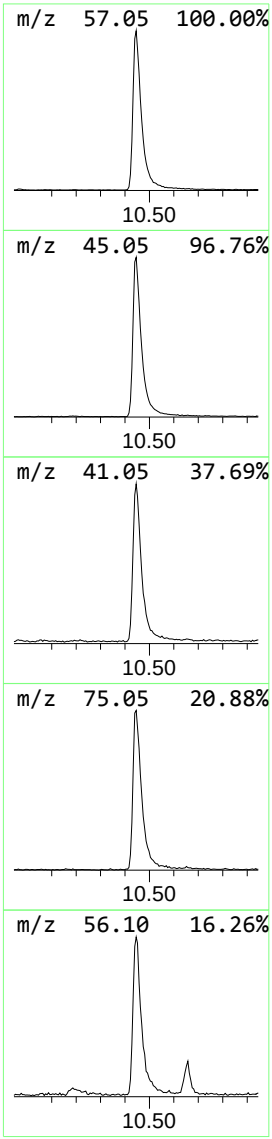
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	19.21 ng	1327310	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	53
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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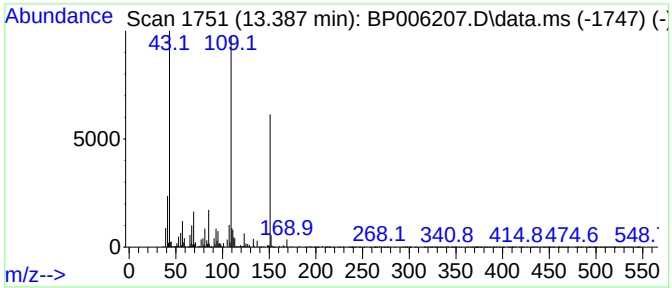
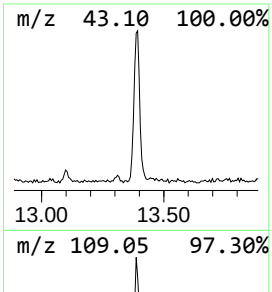
****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.387	2.38 ng	211508	Acenaphthene-d10	14.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	53
3	Acetaminophen	151	C8H9NO2	000103-90-2	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	38





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Operator : CG/JU
Sample : M2999-01
Misc :
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Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-N43502

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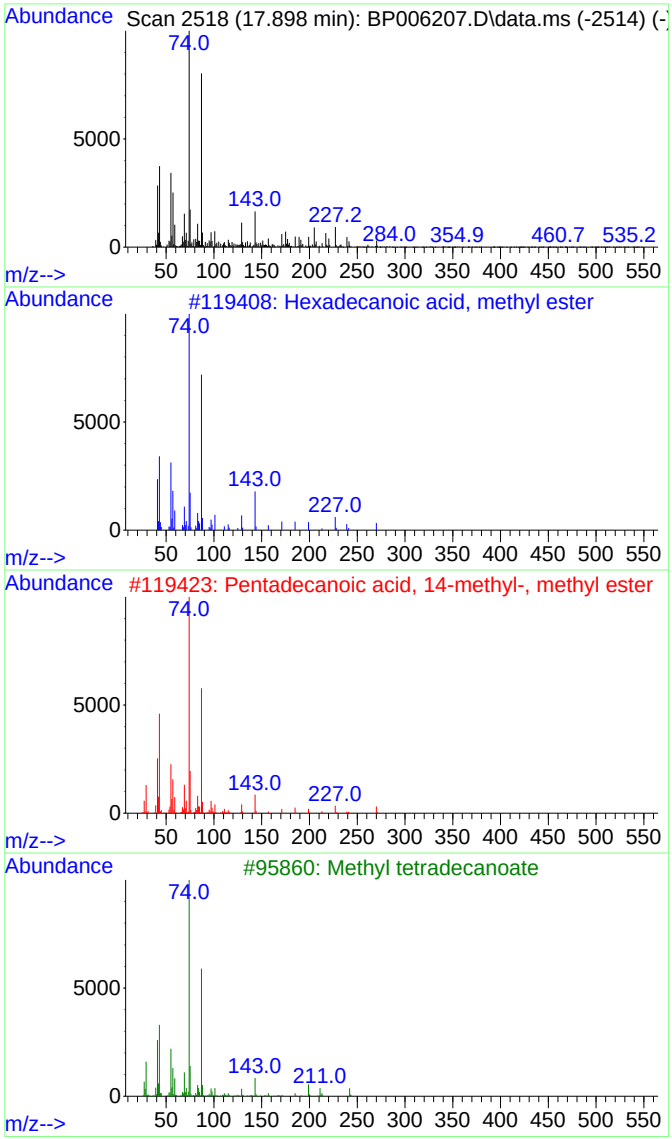
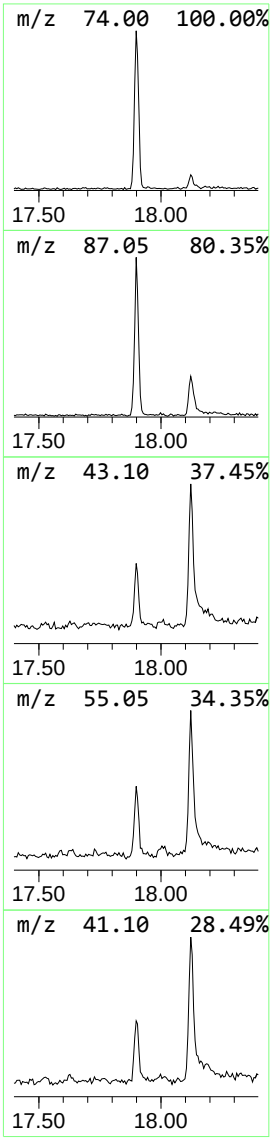
****
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	2.12 ng	205342	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Methyl stearate	298	C19H38O2	000112-61-8	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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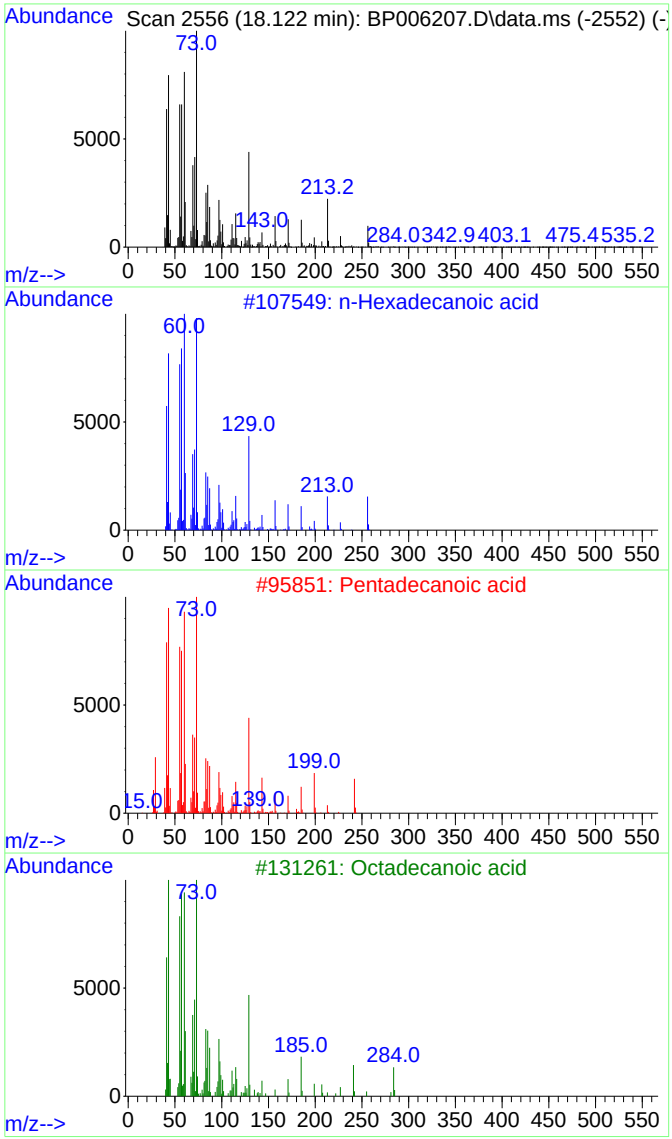
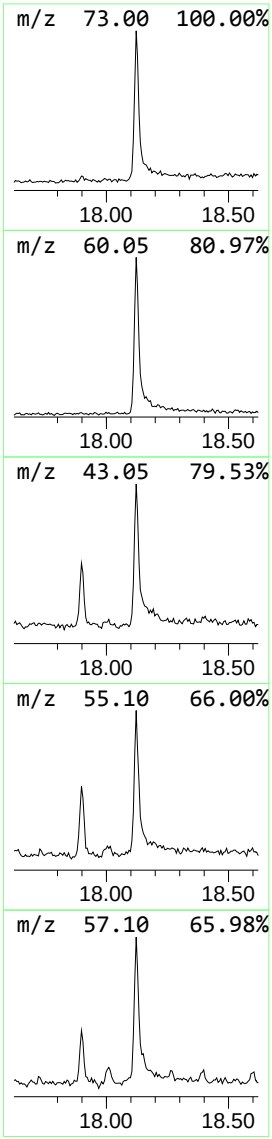
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	4.48 ng	433550	Phenanthrene-d10	17.239

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	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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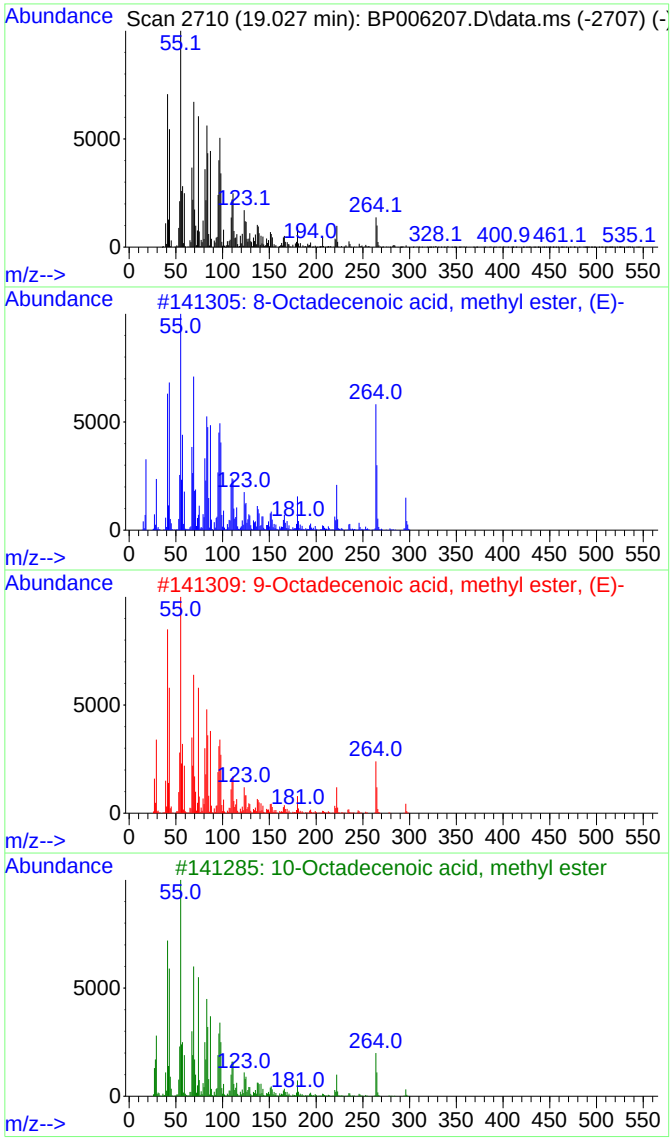
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

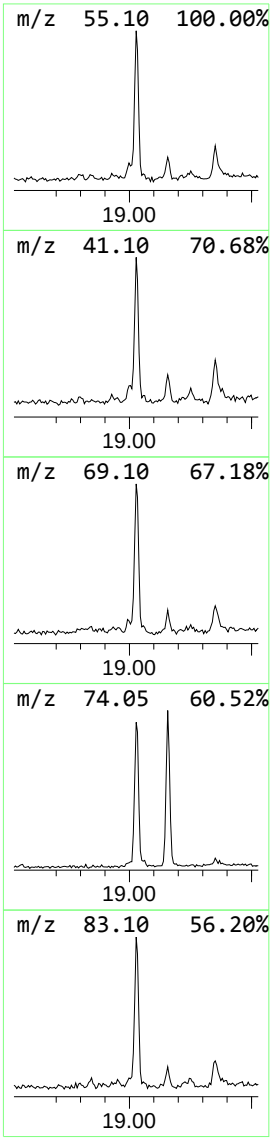
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 8-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	4.41 ng	425939	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99





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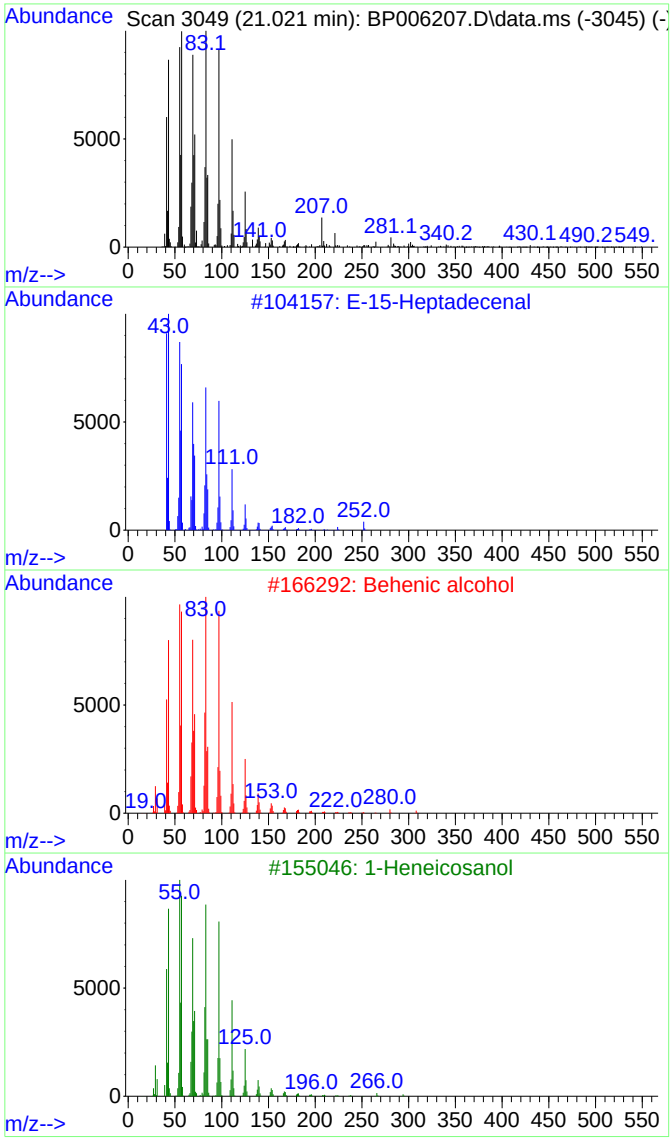
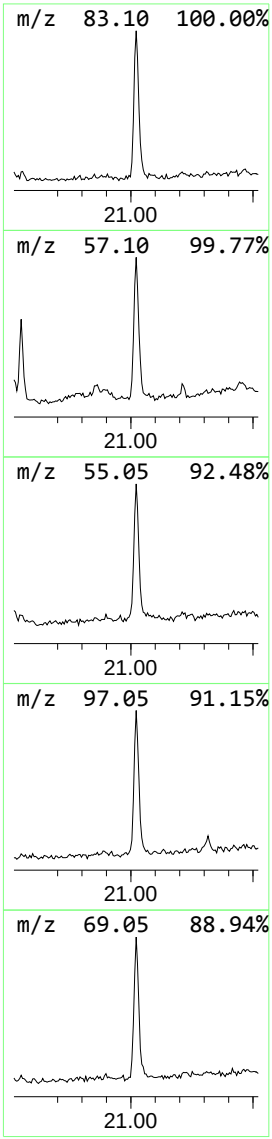
****

Peak Number 6 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.022	4.28 ng	455633	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.445	19.2	ng	1327310	2	10.657	1382190	20.0
2,4,7,9-Tetrame...	13.387	2.4	ng	211508	3	14.486	1777400	20.0
Hexadecanoic ac...	17.898	2.1	ng	205342	4	17.239	1933420	20.0
n-Hexadecanoic ...	18.122	4.5	ng	433550	4	17.239	1933420	20.0
8-Octadecenoic ...	19.027	4.4	ng	425939	4	17.239	1933420	20.0
E-15-Heptadecenal	21.022	4.3	ng	455633	5	21.316	2131060	20.0