LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021570.D
Acq On : 20 Aug 2024 12:59
Operator : RC/JU
Sample : P3650-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW7-SP100-20240814

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-BP081324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP021570.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	26	rVB	11837178	15368706	59.67%	12.357%
2	3.258	41	46	54	rBV	5682600	8020585	31.14%	6.449%
3	5.399	404	410	420	rBV	2525934	3771415	14.64%	3.032%
4	6.969	669	677	686	rBV	1429119	2319483	9.01%	1.865%
5	7.805	812	819	826	rBV	1318655	2061125	8.00%	1.657%
6	8.952	1007	1014	1024	rVB	3855909	6501035	25.24%	5.227%
7	10.593	1285	1293	1302	rBV	1705690	2892130	11.23%	2.325%
8	13.063	1705	1713	1725	rBV	9320075	14201941	55.14%	11.419%
9	14.451	1943	1949	1958	rBV	3015305	4062603	15.77%	3.266%
10	15.286	2082	2091	2097	rBV	321446	637518	2.48%	0.513%
11	15.839	2174	2185	2194	rBV	236533	410962	1.60%	0.330%
12	15.969	2200	2207	2216	rBV	8797653	12560256	48.77%	10.099%
13	17.263	2421	2427	2434	rVB	3440227	5115186	19.86%	4.113%
14	18.216	2581	2589	2596	rBV	2562864	3858080	14.98%	3.102%
15	18.280	2596	2600	2613	rVB	913537	1638583	6.36%	1.317%
16	19.410	2788	2792	2801	rBV2	349065	526333	2.04%	0.423%
17	19.545	2810	2815	2827	rBV	813023	1312338	5.10%	1.055%
18	19.992	2886	2891	2902	rVB	19688417	25754660	100.00%	20.708%
19	21.663	3171	3175	3180	rBV	613054	836949	3.25%	0.673%
20	21.727	3180	3186	3198	rVB	3429019	6009791	23.33%	4.832%
21	25.162	3761	3770	3784	rVB	2499847	6513285	25.29%	5.237%

Sum of corrected areas: 124372964

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ClientSampleId :
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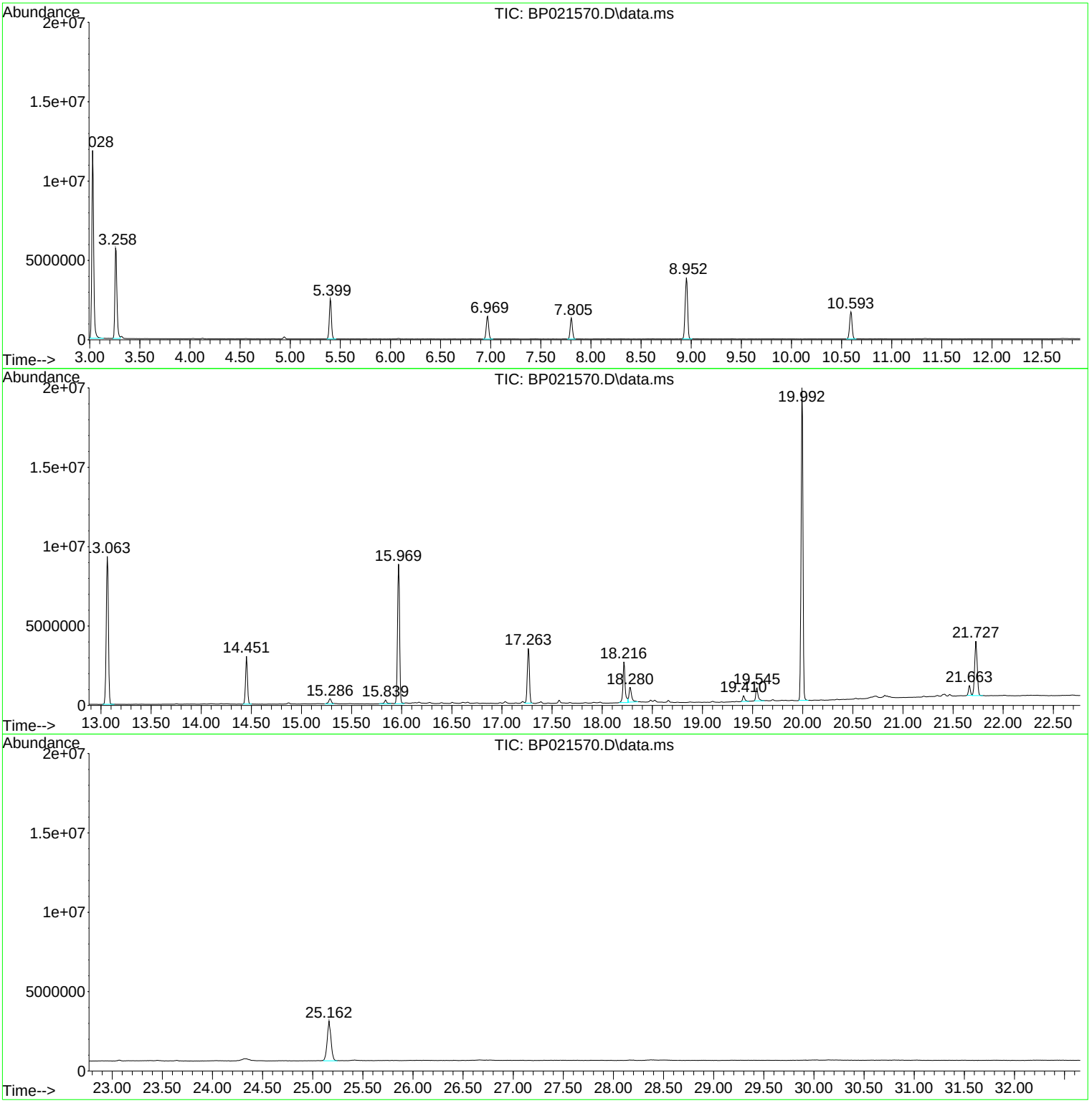
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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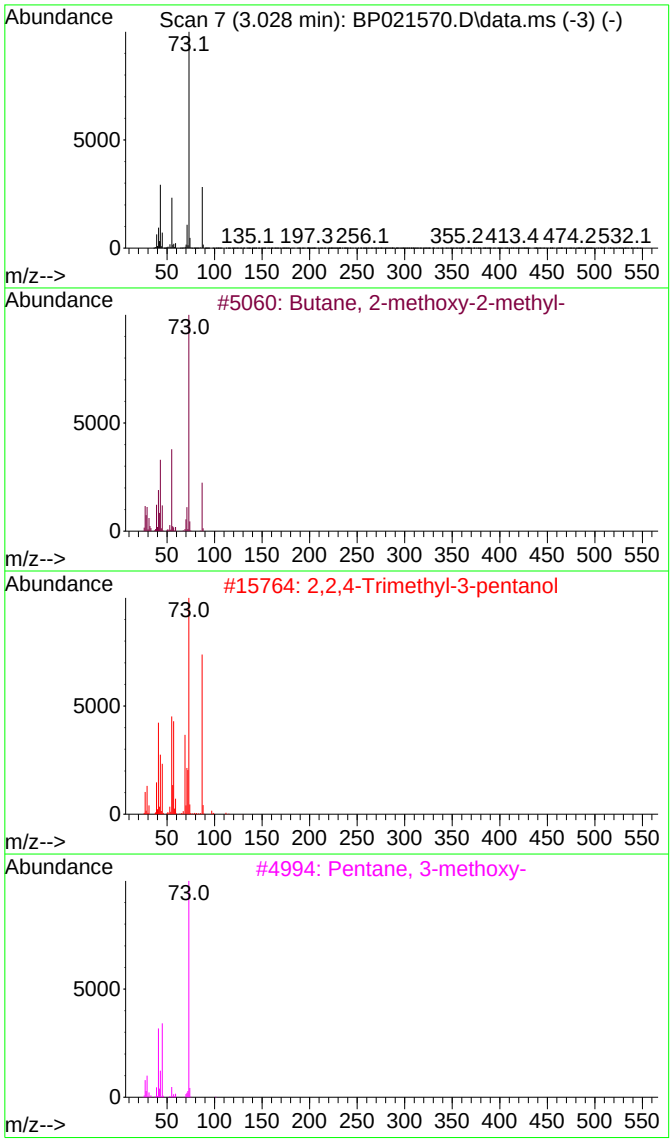
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

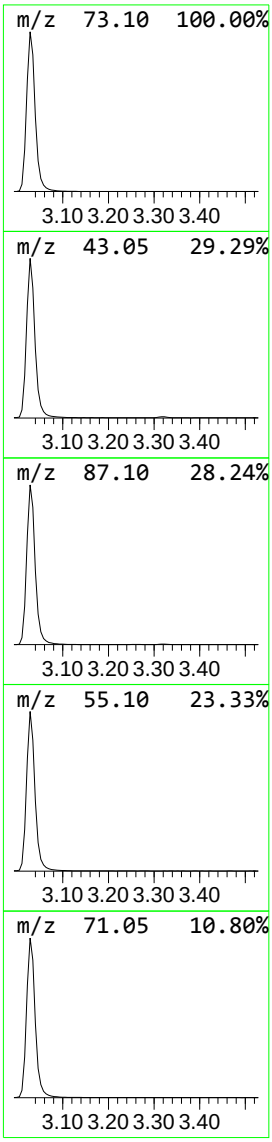
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	149.13 ng	15368700	1,4-Dichlorobenzene-d4	7.805

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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RW7-SP100-20240814

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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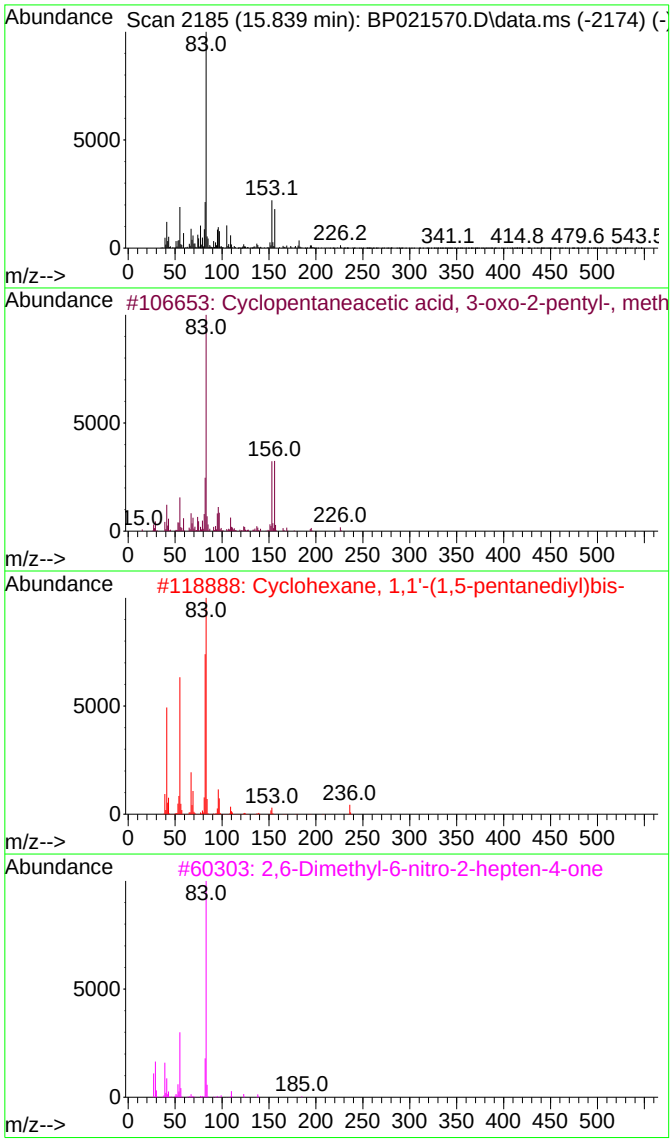
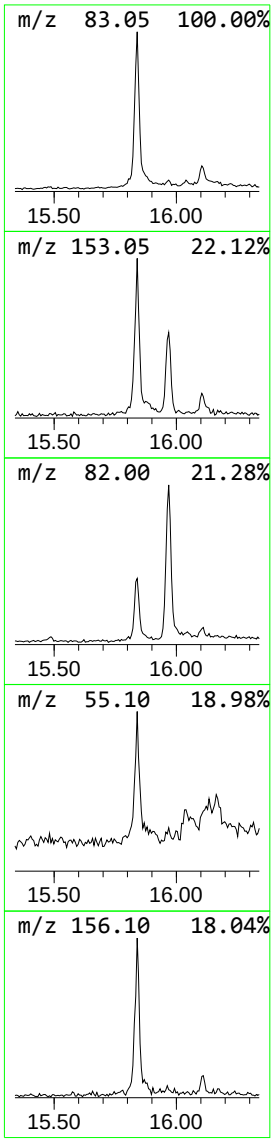
Peak Number 3 Cyclopentaneacetic acid, 3-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	2.02 ng	410962	Acenaphthene-d10	14.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentaneacetic acid, 3-oxo-2...	226	C13H22O3	024851-98-7	91
2	Cyclohexane, 1,1'-(1,5-pentanedi...	236	C17H32	054833-31-7	47
3	2,6-Dimethyl-6-nitro-2-hepten-4-one	185	C9H15NO3	073583-56-9	47
4	6-Hydroxy-10a-methyl-4,7-dimethy...	376	C20H24O7	1798297-60-5	38
5	Hexane, 1,6-dicyclohexyl-	250	C18H34	001610-23-7	38





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Operator : RC/JU
Sample : P3650-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
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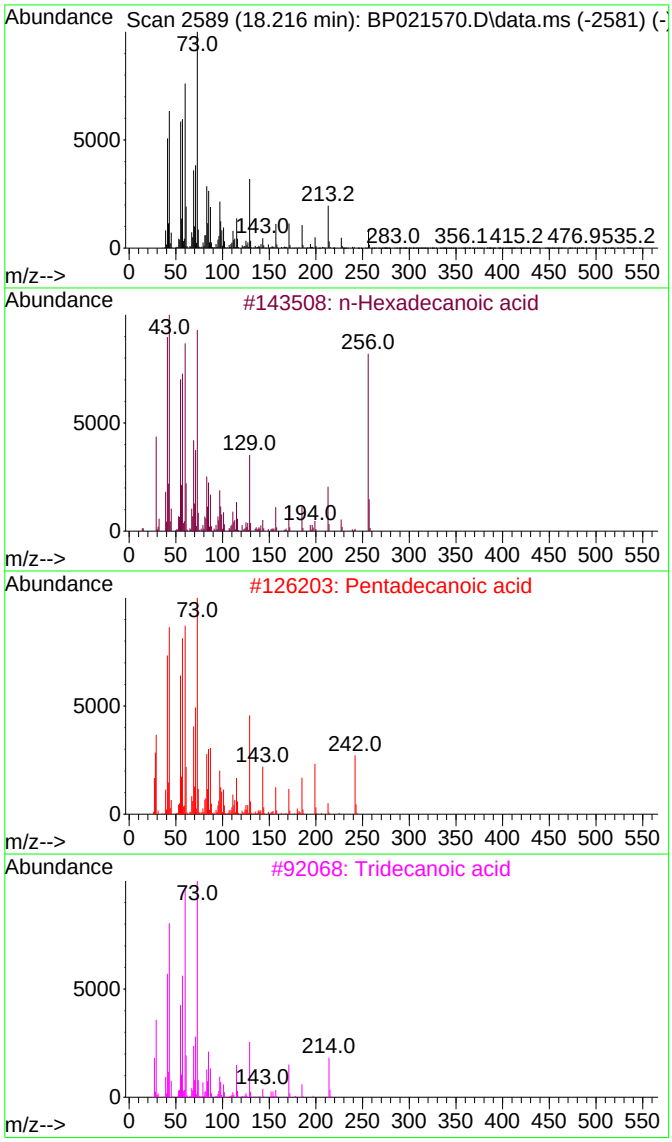
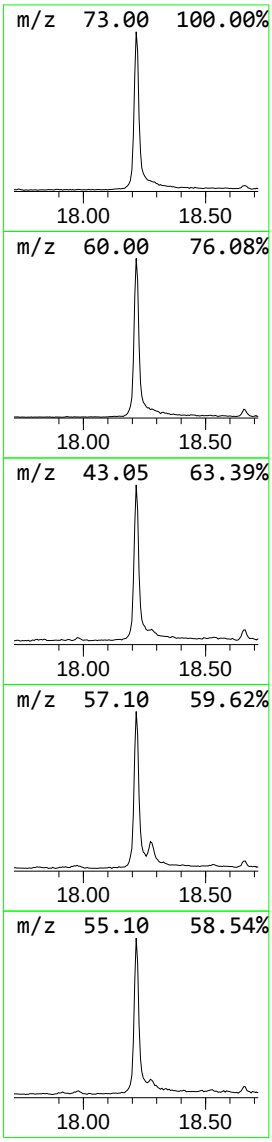
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	15.08 ng	3858080	Phenanthrene-d10	17.263

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	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	43
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





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Data File : BP021570.D
Acq On : 20 Aug 2024 12:59
Operator : RC/JU
Sample : P3650-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW7-SP100-20240814

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.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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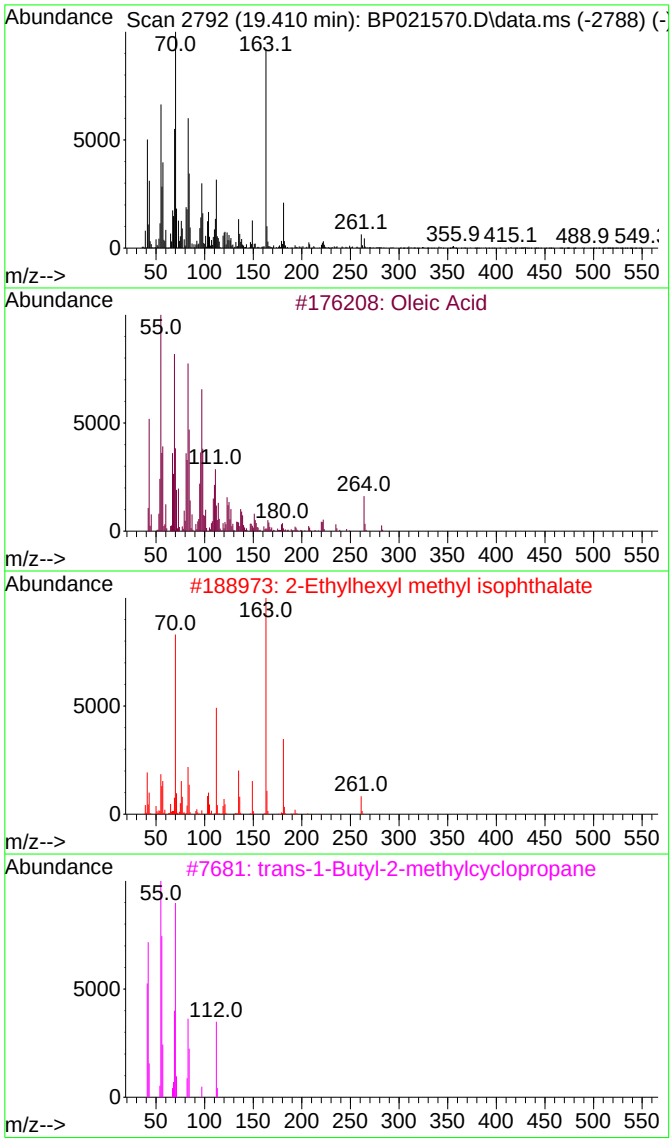
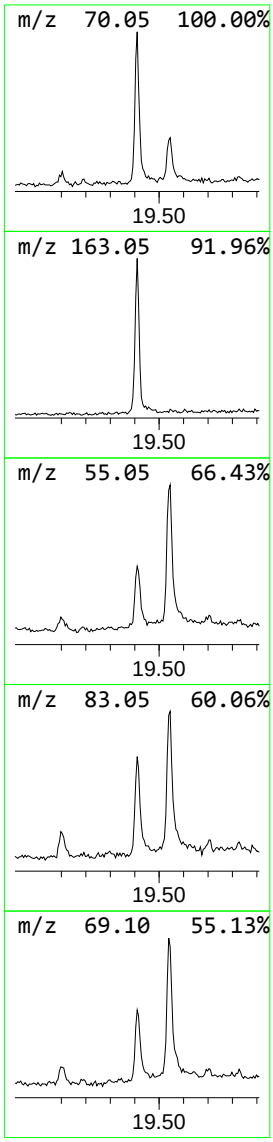
Peak Number 5 Oleic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	2.06 ng	526333	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	59
2	2-Ethylhexyl methyl isophthalate	292	C17H24O4	2135327-80-7	43
3	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	43
4	5-Dodecene, (Z)-	168	C12H24	007206-28-2	38
5	3-Dodecene, (E)-	168	C12H24	007206-14-6	38





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Operator : RC/JU
Sample : P3650-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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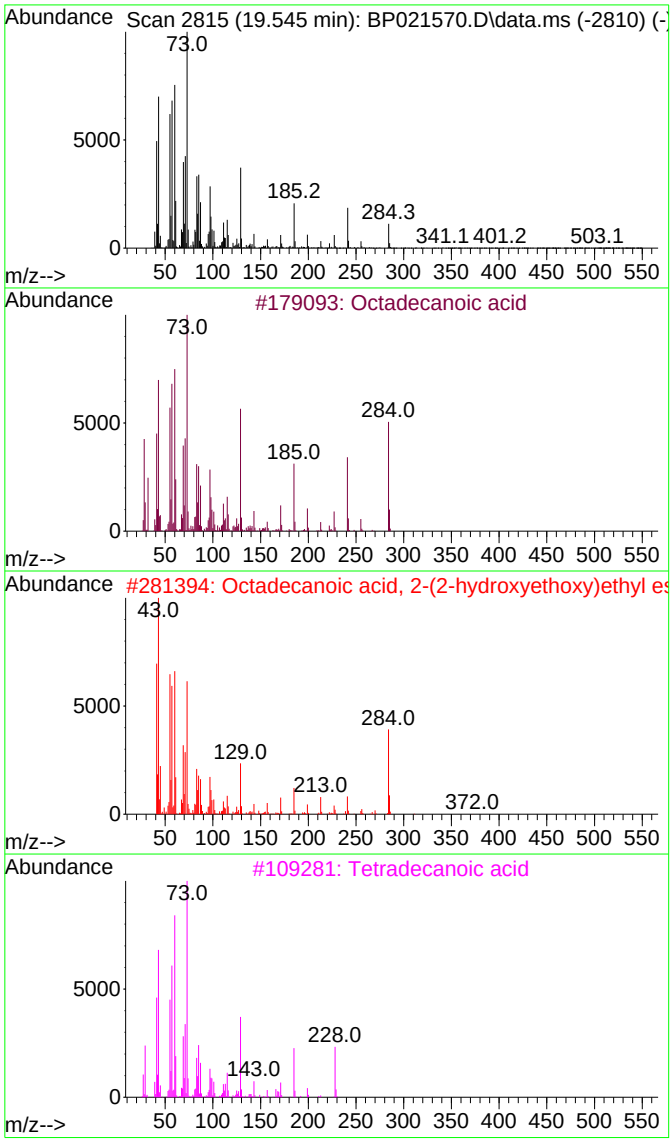
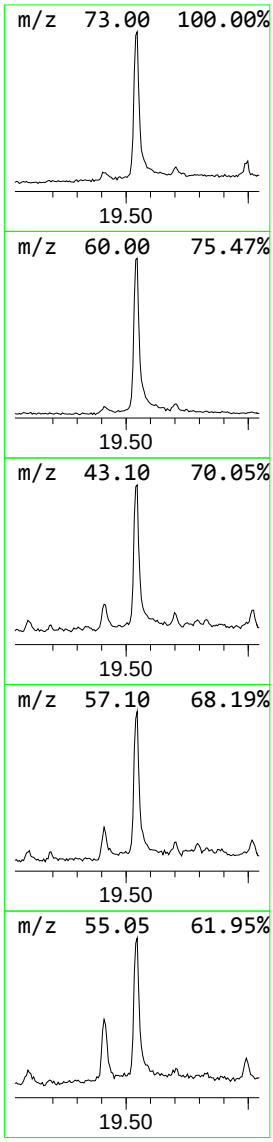
Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.545	4.37 ng	1312340	Chrysene-d12	21.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
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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	149.1	ng	15368700	1	7.805	2061130	20.0
Cyclopentaneace...	15.839	2.0	ng	410962	3	14.451	4062600	20.0
n-Hexadecanoic ...	18.216	15.1	ng	3858080	4	17.263	5115190	20.0
Oleic Acid	19.410	2.1	ng	526333	4	17.263	5115190	20.0
Octadecanoic acid	19.545	4.4	ng	1312340	5	21.727	6009790	20.0