LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025833.D
Acq On : 23 Sep 2025 17:18
Operator : CG/JU
Sample : Q3153-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-39

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025833.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	26	rVB	1094939	1400697	25.72%	3.960%
2	5.384	409	416	436	rBV	1616199	2590326	47.57%	7.324%
3	6.955	676	683	709	rBV	1268311	2591433	47.59%	7.327%
4	7.749	810	818	828	rBV	636353	1039380	19.09%	2.939%
5	8.896	1004	1013	1033	rBV	873685	1699928	31.22%	4.806%
6	10.519	1281	1289	1306	rBV	712649	1408233	25.86%	3.982%
7	12.978	1700	1707	1732	rBV	1956806	3561569	65.41%	10.070%
8	14.372	1937	1944	1965	rBV	1137632	1861514	34.19%	5.263%
9	15.754	2173	2179	2192	rBV	301446	480706	8.83%	1.359%
10	15.889	2196	2202	2223	rBV	1531794	2838533	52.13%	8.026%
11	17.172	2412	2420	2437	rBV2	1264517	2254487	41.40%	6.374%
12	17.983	2552	2558	2568	rBV2	108555	292845	5.38%	0.828%
13	18.107	2574	2579	2590	rBV	639400	1073694	19.72%	3.036%
14	19.307	2779	2783	2796	rVB	173389	298034	5.47%	0.843%
15	19.448	2802	2807	2816	rBV3	136680	303082	5.57%	0.857%
16	19.683	2844	2847	2858	rVB	148403	244578	4.49%	0.692%
17	19.901	2879	2884	2893	rBV	4003680	5445107	100.00%	15.395%
18	21.283	3114	3119	3128	rVB2	261137	484482	8.90%	1.370%
19	21.618	3170	3176	3184	rBV2	1213249	2619482	48.11%	7.406%
20	23.436	3481	3485	3490	rVB	258561	457871	8.41%	1.295%
21	24.983	3742	3748	3761	rVB	770162	2422567	44.49%	6.849%

Sum of corrected areas: 35368548

LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
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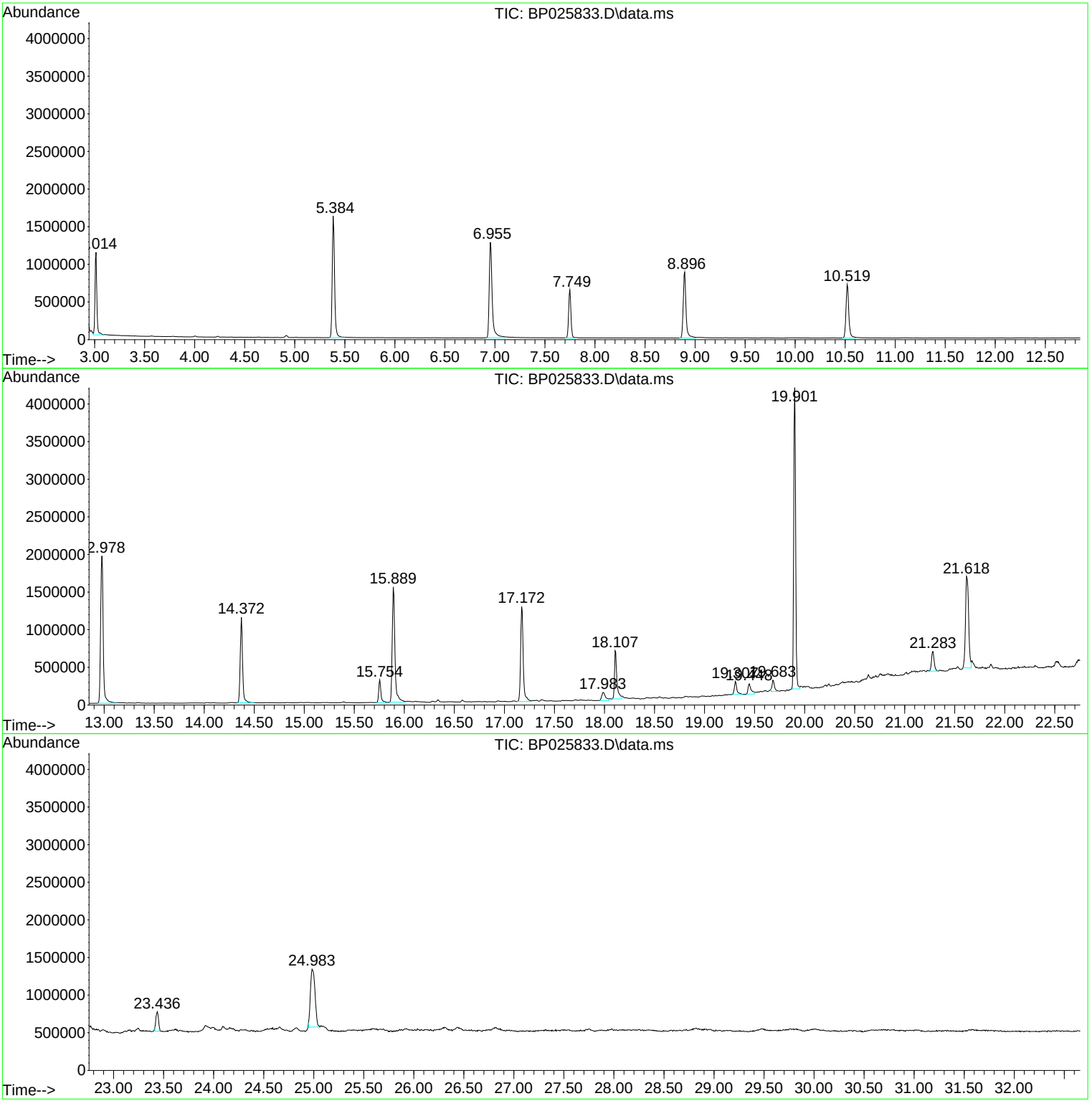
ClientSampleId :
OR-500-COMP-39

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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Data File : BP025833.D
Acq On : 23 Sep 2025 17:18
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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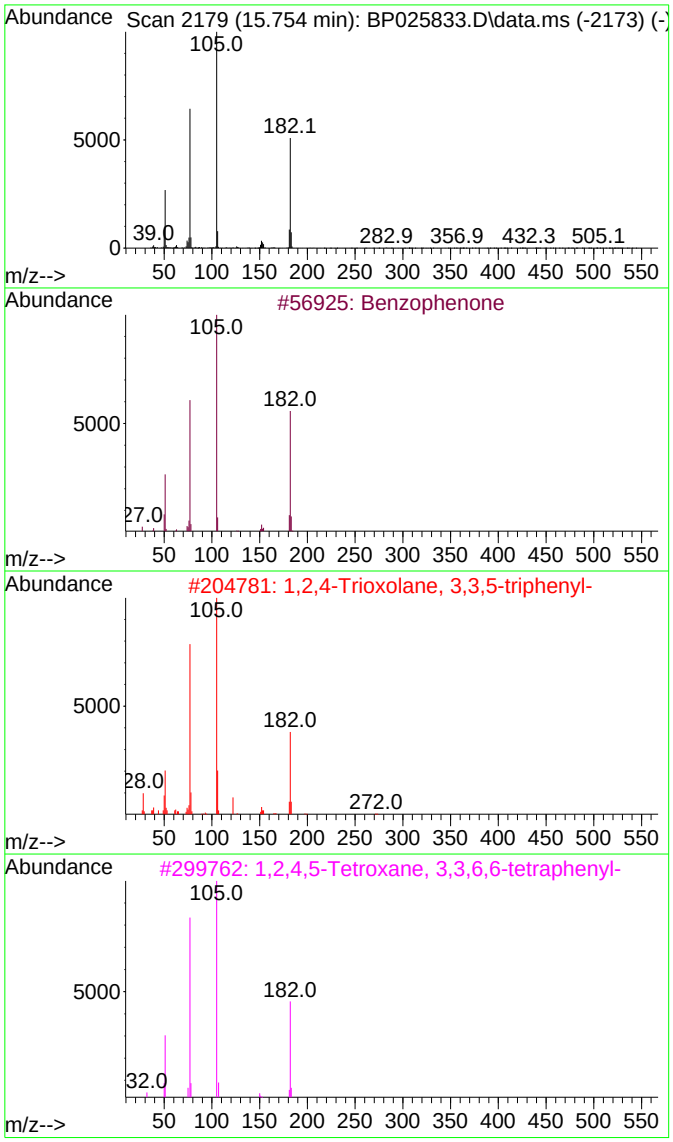
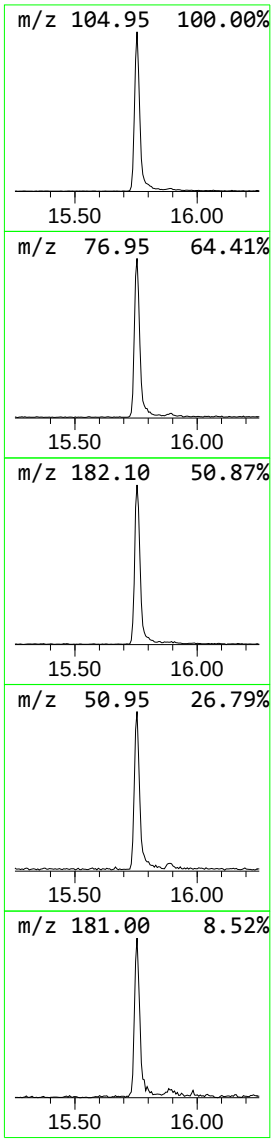
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.754	5.16 ng	480706	Acenaphthene-d10	14.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	64
5	Azobenzene	182	C12H10N2	000103-33-3	59





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-500-COMP-39

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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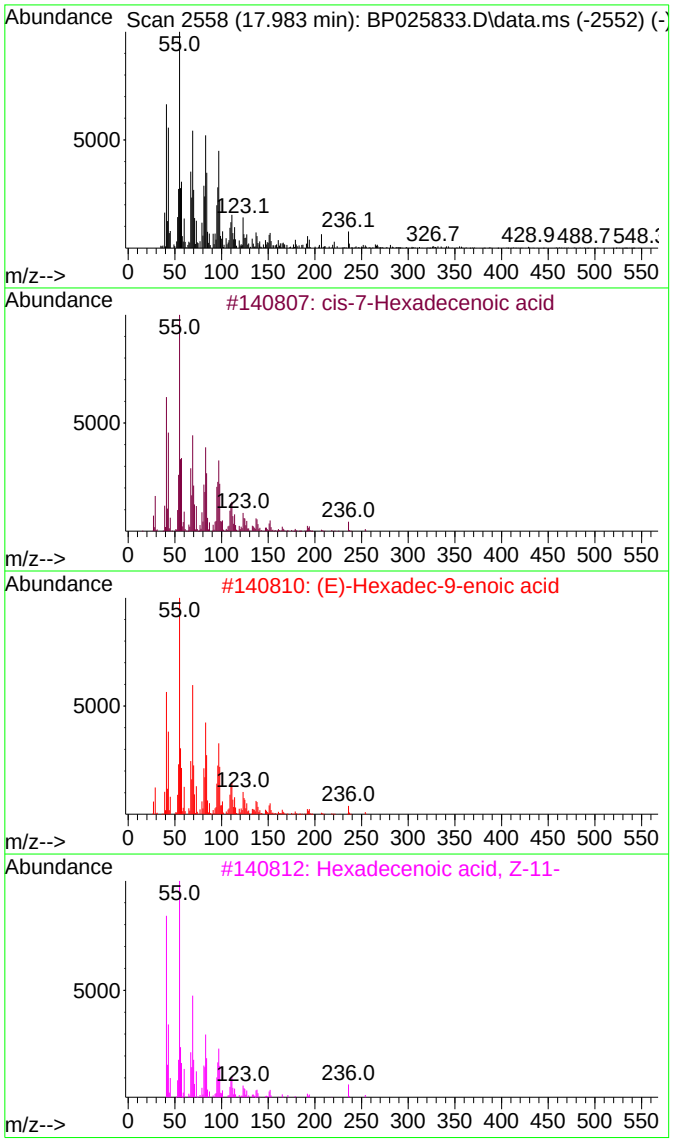
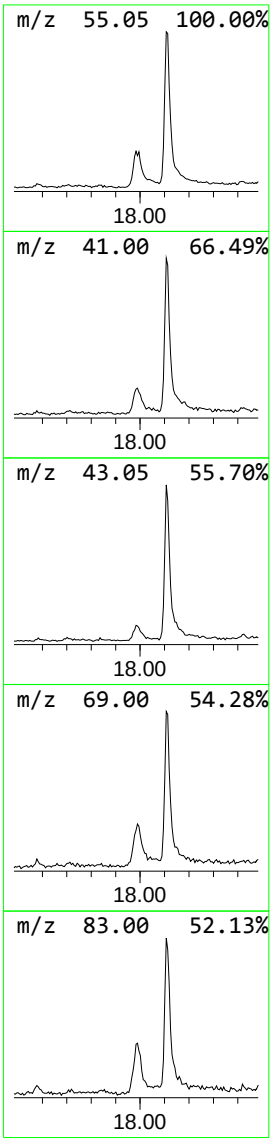
Peak Number 3 cis-7-Hexadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.983	2.60 ng	292845	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	98
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	98
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	93
4	Palmitoleic acid	254	C16H30O2	000373-49-9	92
5	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	90





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Operator : CG/JU
Sample : Q3153-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-39

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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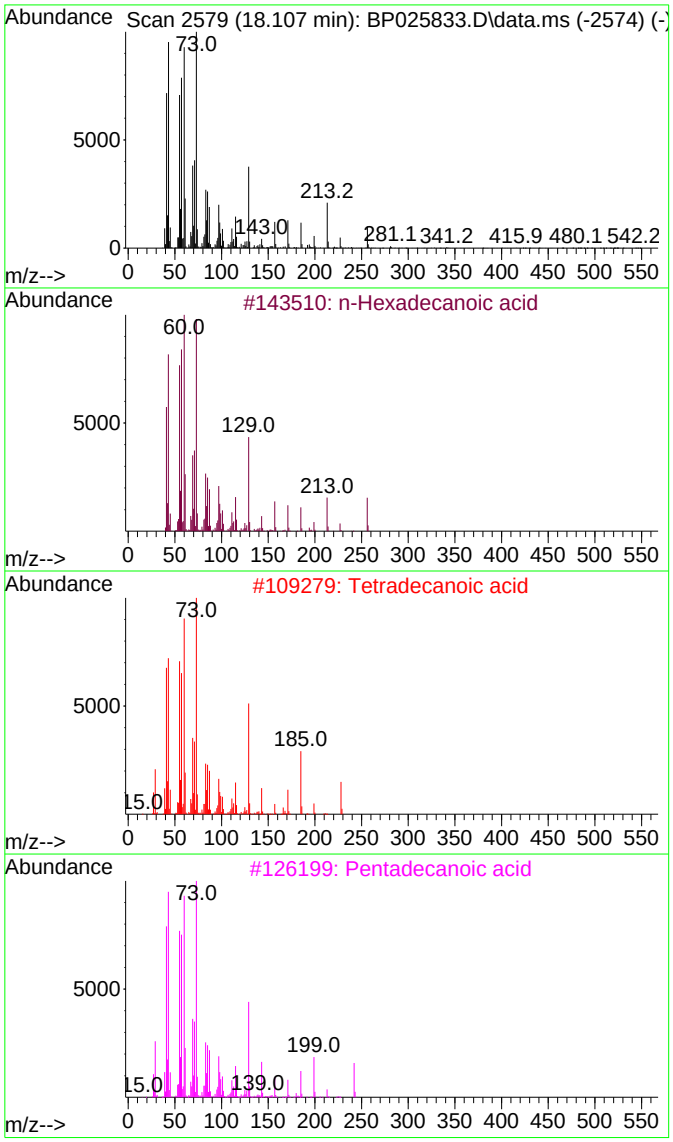
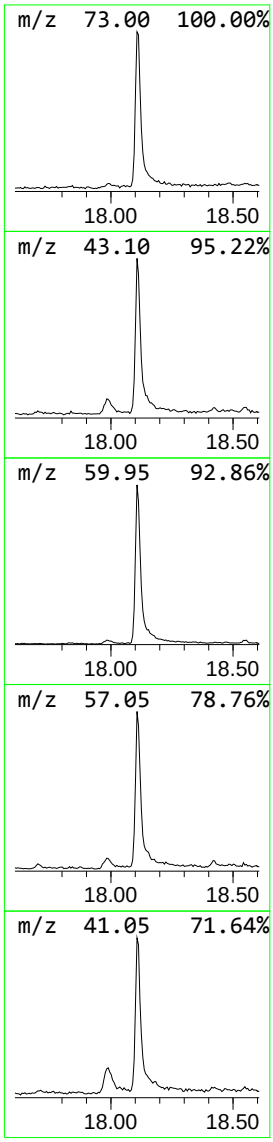
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.107	9.52 ng	1073690	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78





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Operator : CG/JU
Sample : Q3153-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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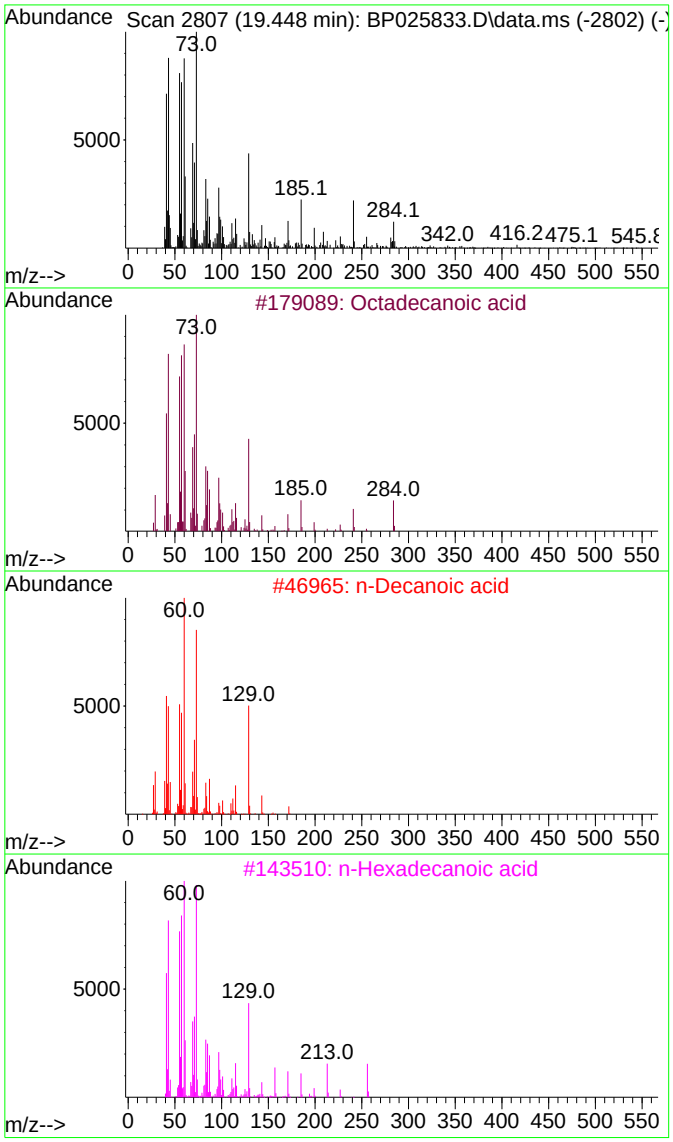
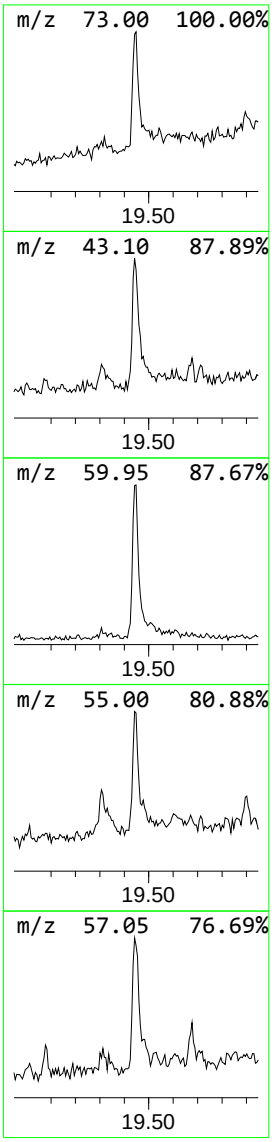
Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.448	2.31 ng	303082	Chrysene-d12	21.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Sample : Q3153-01
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Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-39

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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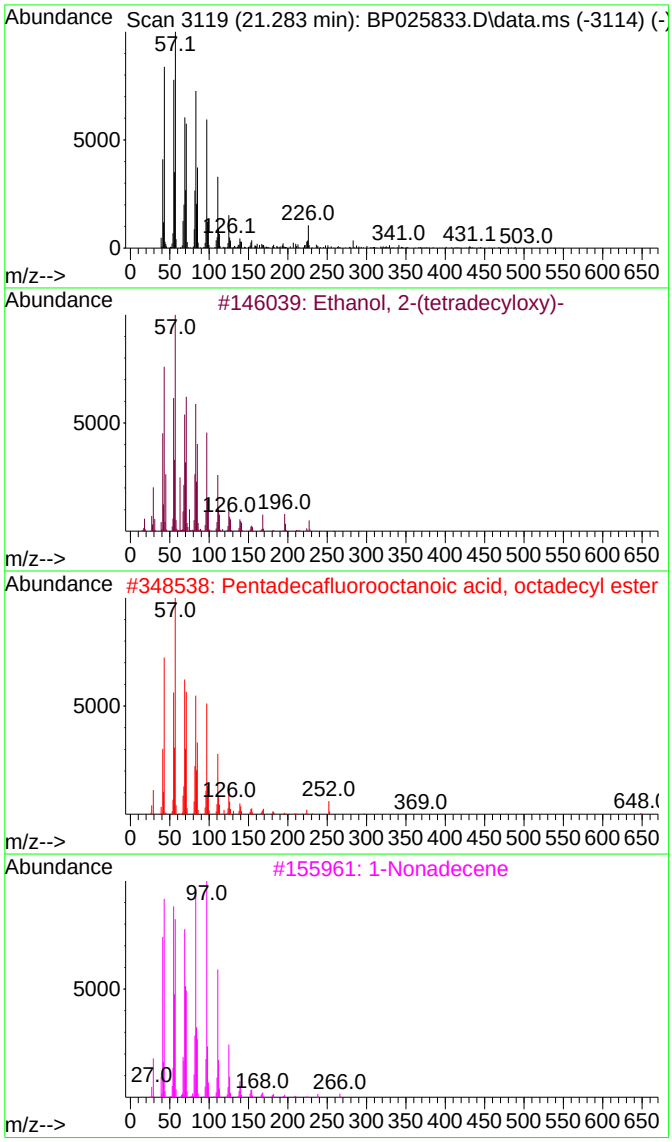
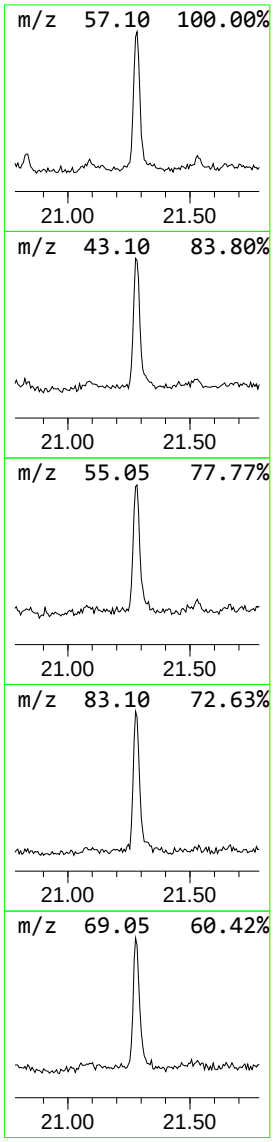
Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.283	3.70 ng	484482	Chrysene-d12	21.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	98
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





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

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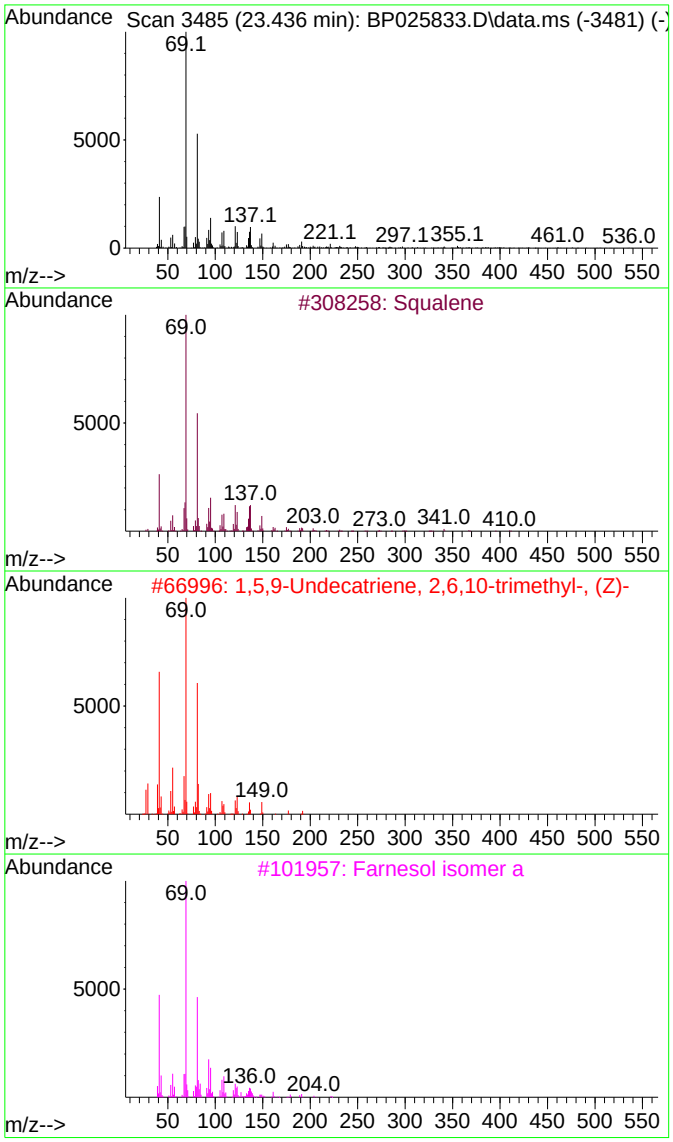
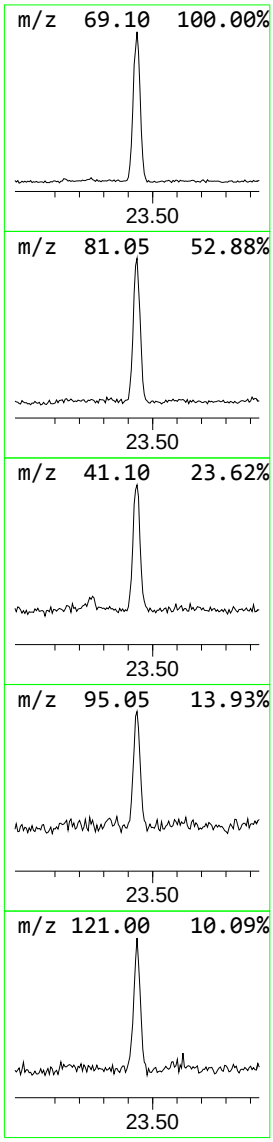
Peak Number 8 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.436	3.78 ng	457871	Perylene-d12	24.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	93
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
3	Farnesol isomer a	222	C15H26O	1000108-92-4	74
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	Supraene	410	C30H50	007683-64-9	64





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
Benzophenone	15.754	5.2	ng	480706	3	14.372	1861510	20.0
cis-7-Hexadecen...	17.983	2.6	ng	292845	4	17.172	2254490	20.0
n-Hexadecanoic ...	18.107	9.5	ng	1073690	4	17.172	2254490	20.0
Octadecanoic acid	19.448	2.3	ng	303082	5	21.619	2619480	20.0
Ethanol, 2-(tet...	21.283	3.7	ng	484482	5	21.619	2619480	20.0
Squalene	23.436	3.8	ng	457871	6	24.989	2422570	20.0