LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009187.D
Acq On : 16 Feb 2022 19:58
Operator : CG/JU
Sample : N1554-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-03-021522

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009187.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	401	407	430	rBV	1862432	3411740	15.94%	3.912%
2	6.975	671	678	704	rBV	1767442	3656411	17.08%	4.192%
3	7.781	807	815	825	rBV	584809	1012725	4.73%	1.161%
4	8.946	1005	1013	1033	rBV	1193030	2429437	11.35%	2.786%
5	10.581	1280	1291	1307	rBV	672807	1425581	6.66%	1.635%
6	13.046	1703	1710	1730	rBV	3897125	6256514	29.22%	7.174%
7	14.328	1922	1928	1936	rBV	180386	287315	1.34%	0.329%
8	14.428	1936	1945	1953	rVV	1171171	1951148	9.11%	2.237%
9	15.281	2083	2090	2095	rVB	183930	236522	1.10%	0.271%
10	15.928	2191	2200	2222	rBV	2816637	4901227	22.89%	5.620%
11	16.145	2233	2237	2245	rBV	186819	317528	1.48%	0.364%
12	17.187	2407	2414	2432	rBV	1500299	2523788	11.79%	2.894%
13	17.857	2522	2528	2535	rBV	4481394	5438430	25.40%	6.236%
14	18.081	2562	2566	2571	rBV	126439	215997	1.01%	0.248%
15	18.963	2710	2716	2719	rBV	15423663	21408527	100.00%	24.546%
16	18.992	2719	2721	2731	rVB3	9810157	12523005	58.50%	14.359%
17	19.116	2738	2742	2749	rVB	2162076	2507196	11.71%	2.875%
18	19.210	2754	2758	2769	rVB	99548	217081	1.01%	0.249%
19	19.745	2844	2849	2860	rBV	6929284	9305085	43.46%	10.669%
20	20.986	3056	3060	3069	rBV2	400882	562254	2.63%	0.645%
21	21.281	3105	3110	3122	rBV	2180189	3035413	14.18%	3.480%
22	21.392	3126	3129	3143	rVB2	236422	527212	2.46%	0.604%
23	23.669	3510	3516	3534	rVB2	1413557	3066332	14.32%	3.516%

Sum of corrected areas: 87216468

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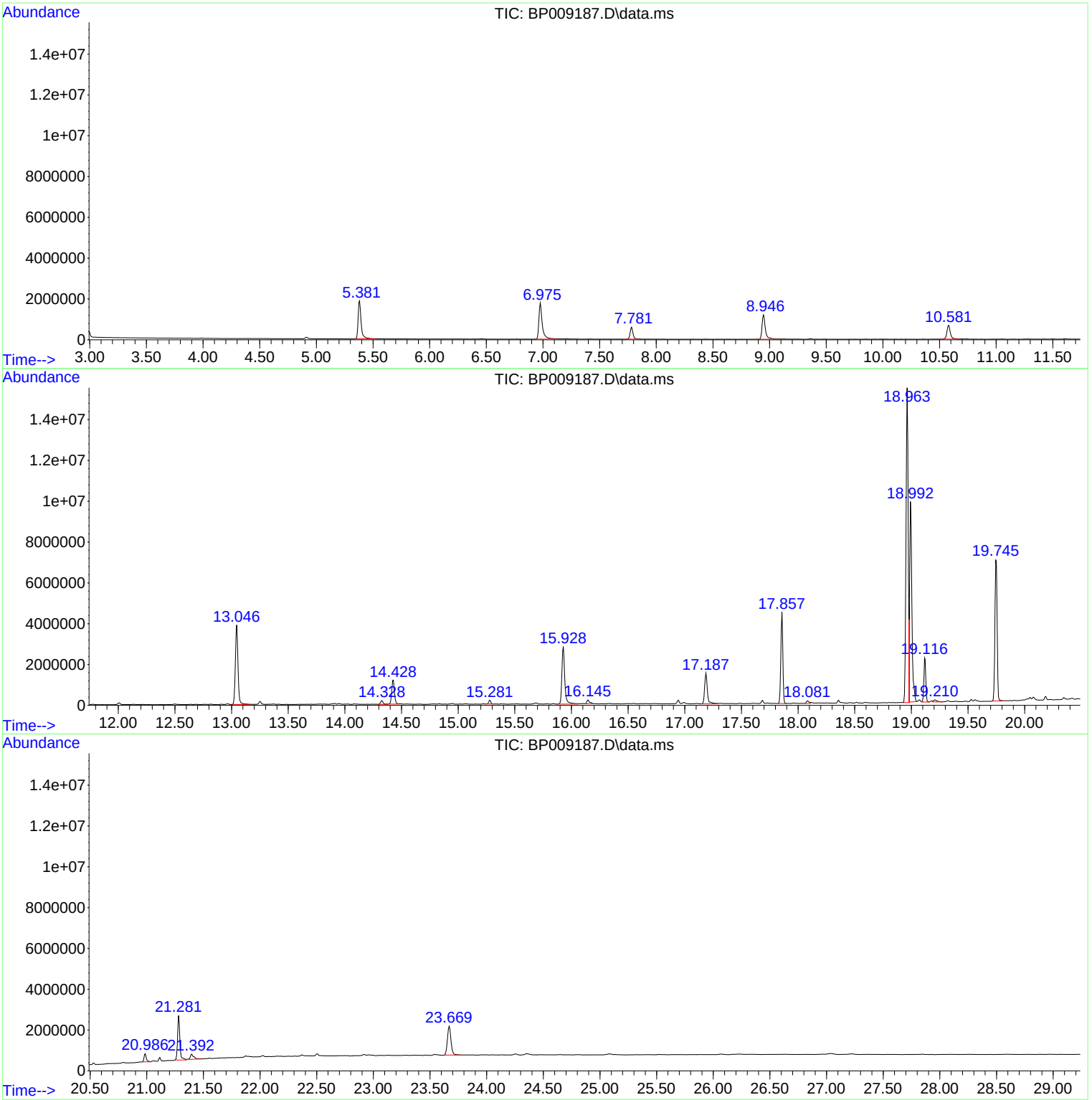
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-03-021522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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 : BP009187.D
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Operator : CG/JU
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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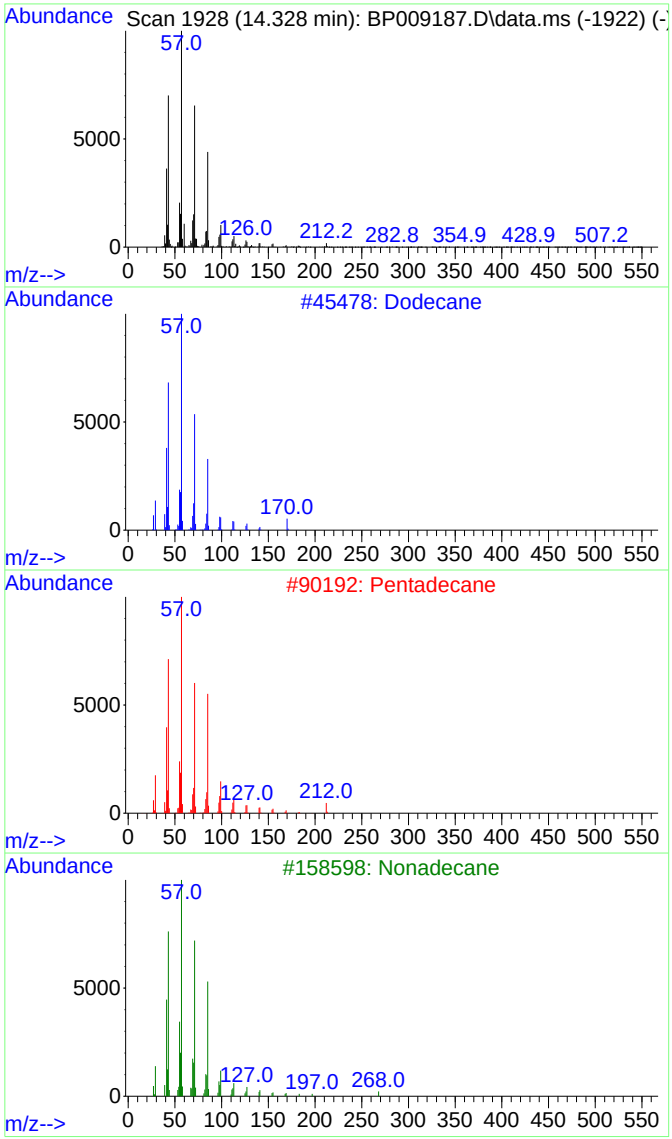
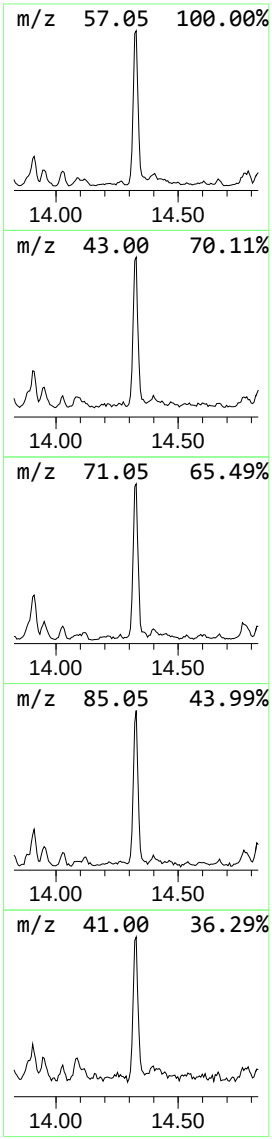
Peak Number 1 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.328	2.95 ng	287315	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Pentadecane	212	C15H32	000629-62-9	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tridecane	184	C13H28	000629-50-5	83
5	Tetradecane	198	C14H30	000629-59-4	83





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Operator : CG/JU
Sample : N1554-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

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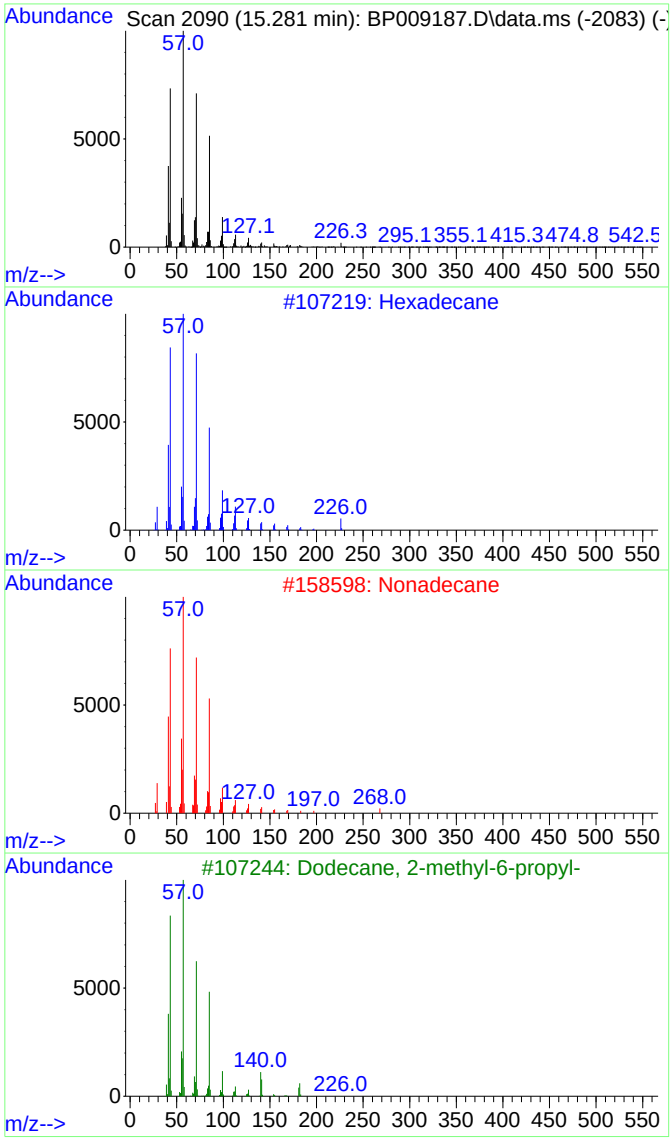
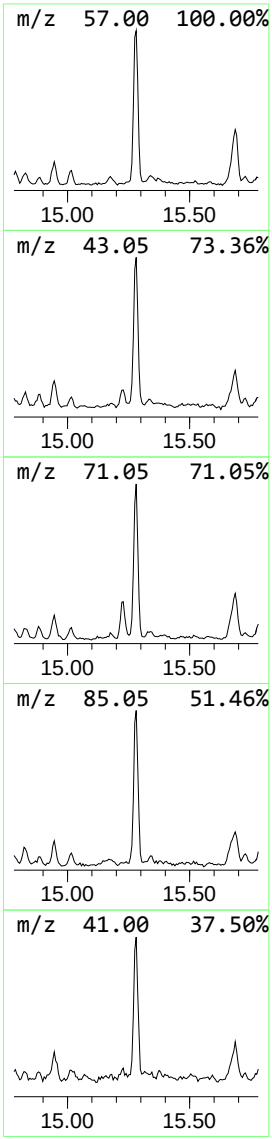
Peak Number 2 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.281	2.42 ng	236522	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Acq On : 16 Feb 2022 19:58
Operator : CG/JU
Sample : N1554-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-03-021522

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

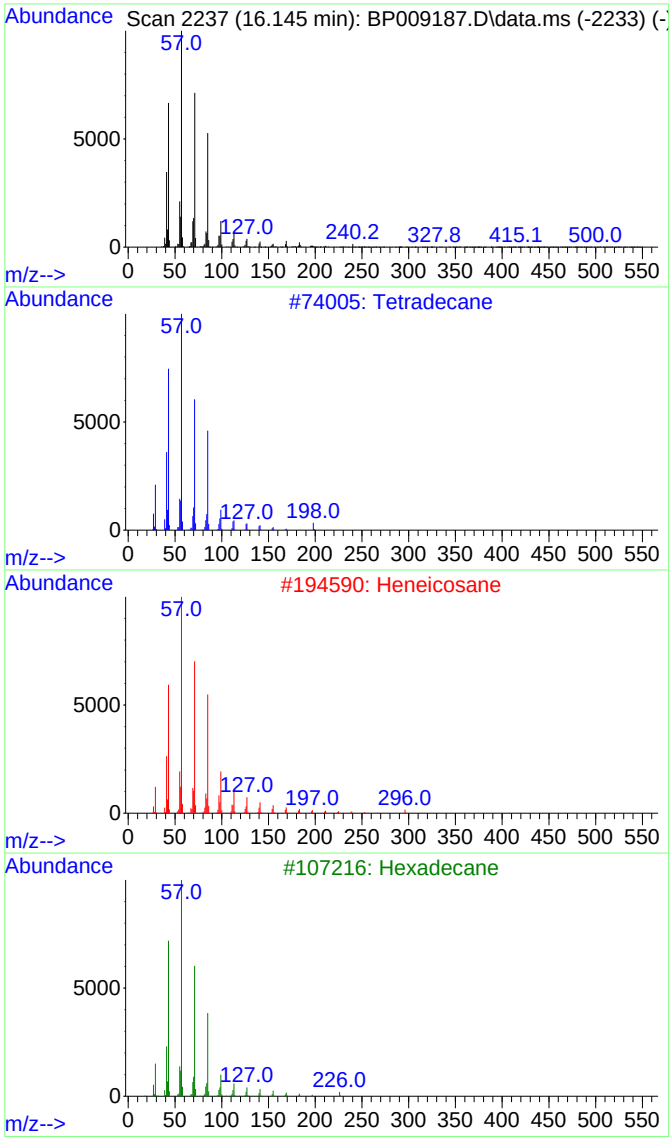
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

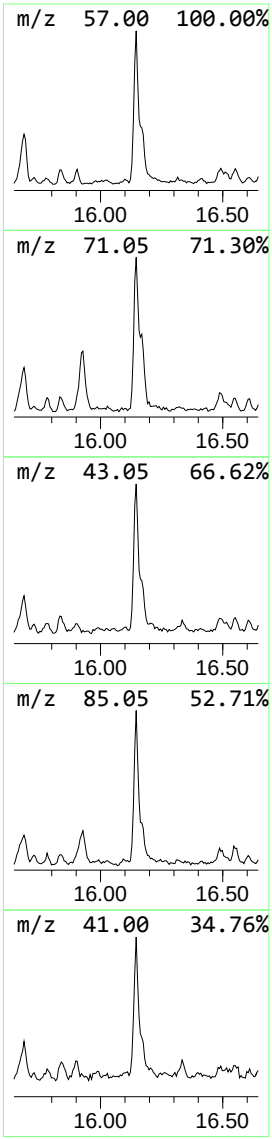
****

Peak Number 3 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	2.52 ng	317528	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
5	Heptadecane	240	C17H36	000629-78-7	83





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Sample : N1554-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-03-021522

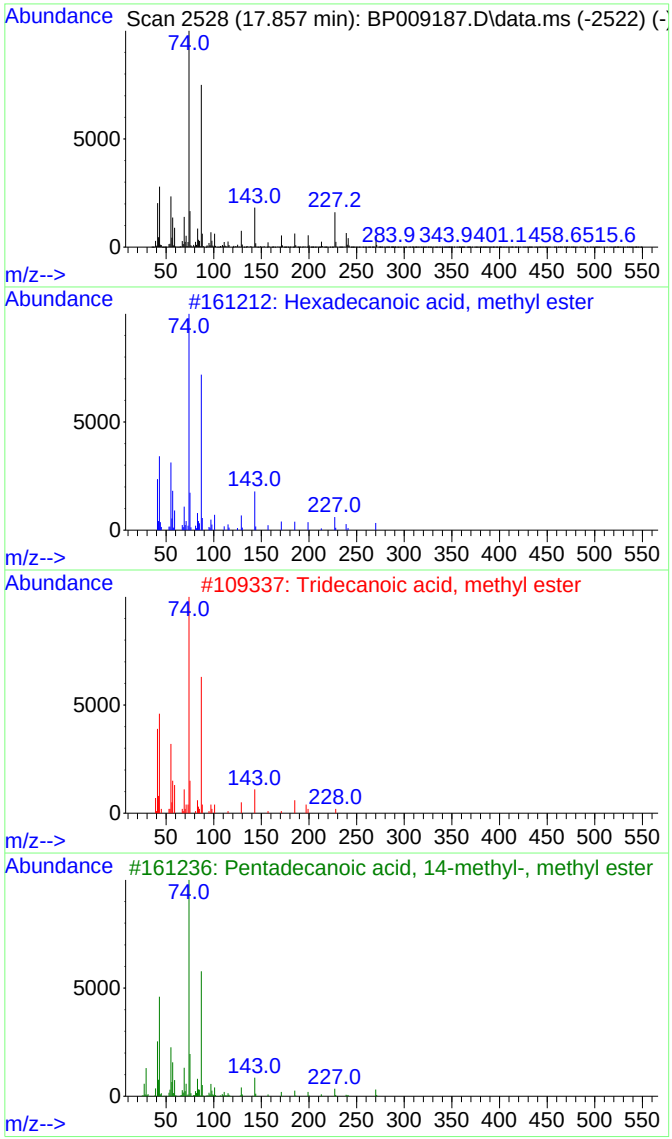
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

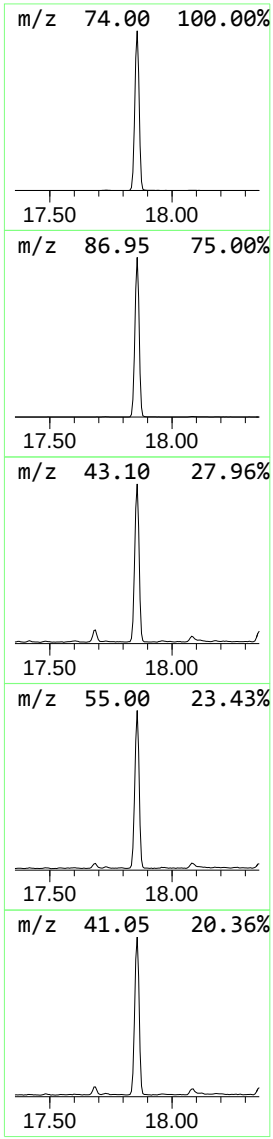
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	43.10 ng	5438430	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009187.D
Acq On : 16 Feb 2022 19:58
Operator : CG/JU
Sample : N1554-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-03-021522

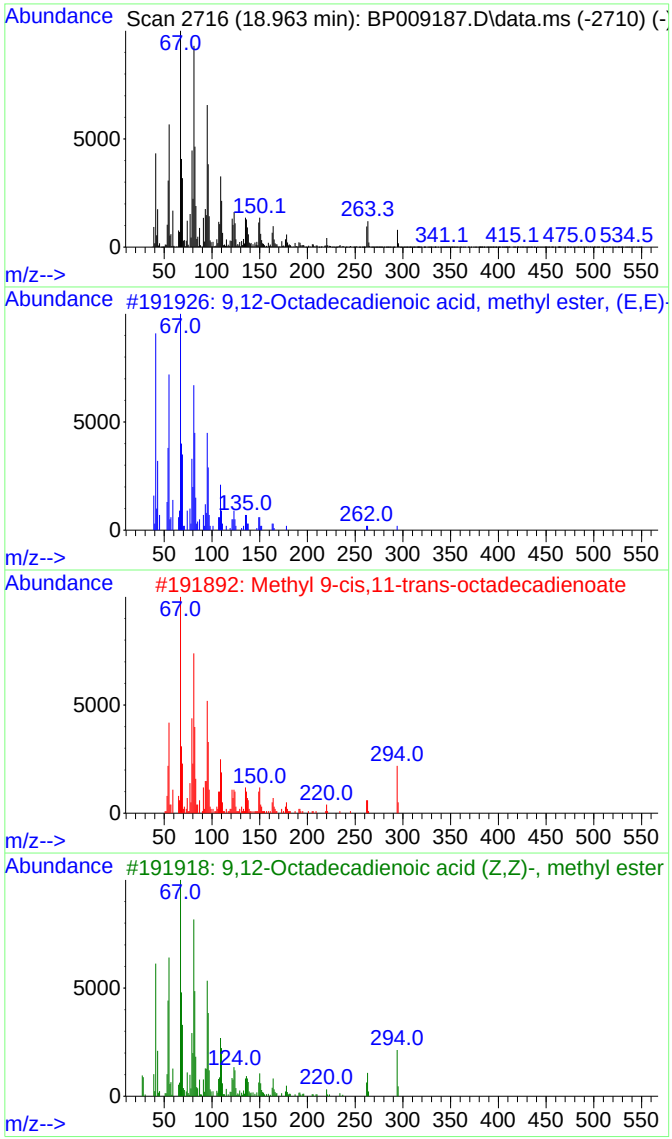
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

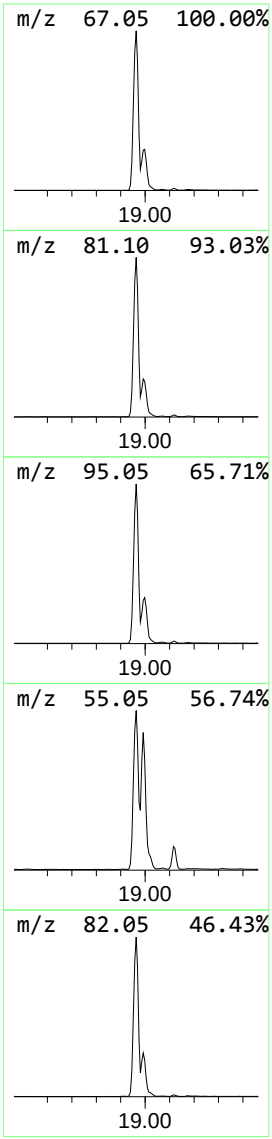
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	169.65 ng	21408500	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





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Instrument :
BNA_P
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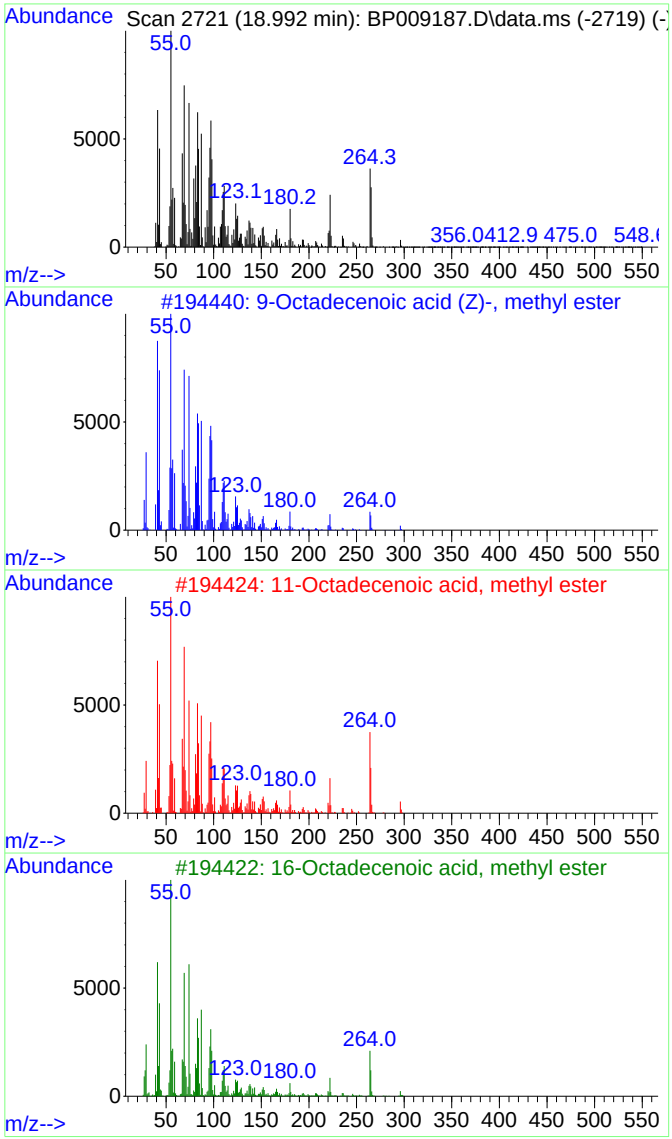
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

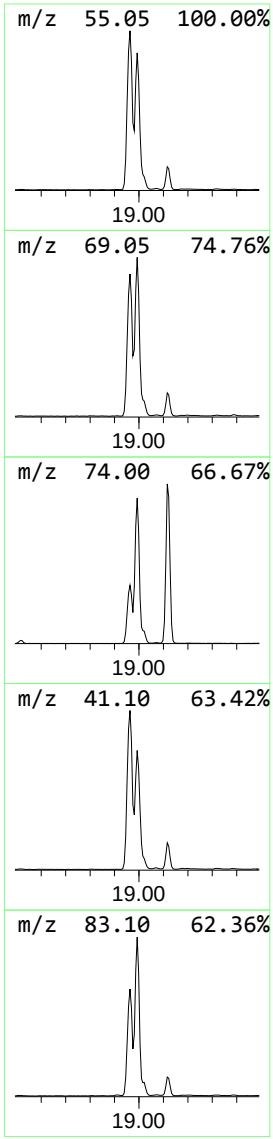
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	99.24 ng	12523000	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

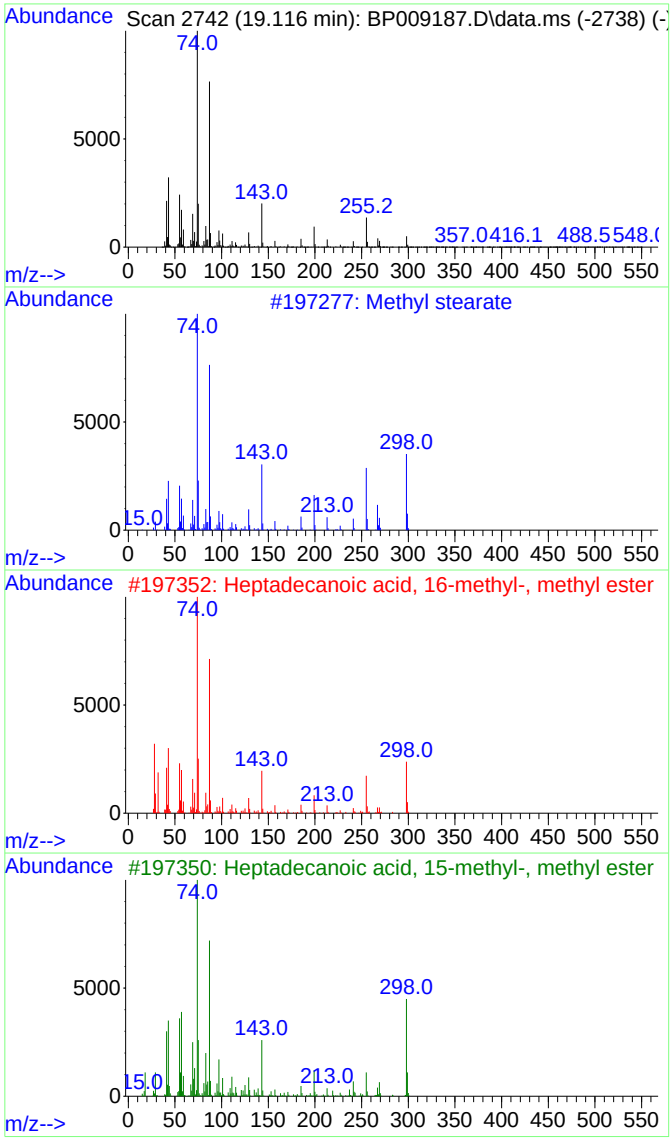
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

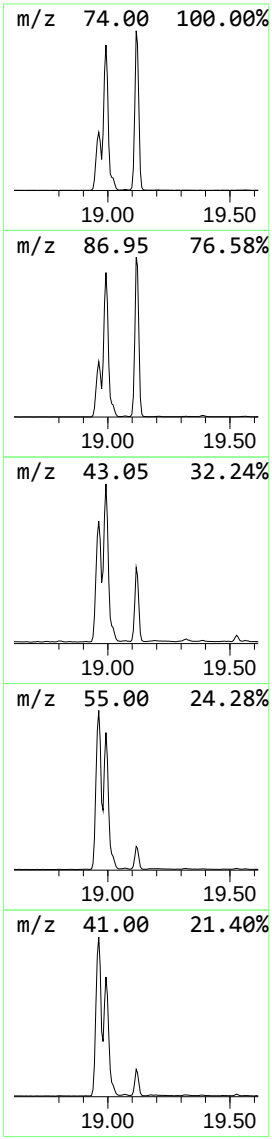
****

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	19.87 ng	2507200	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





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TIC Library : C:\Database\NIST20.L
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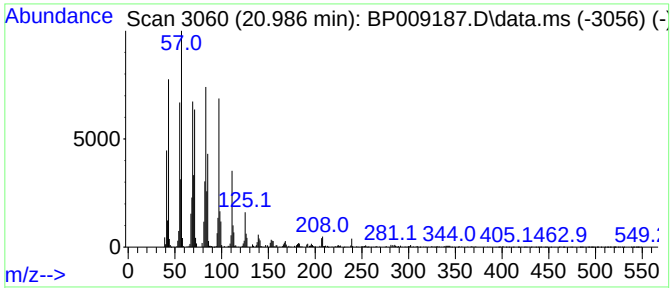
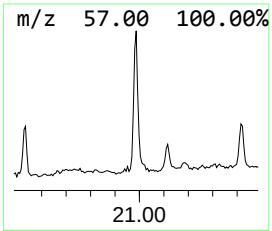
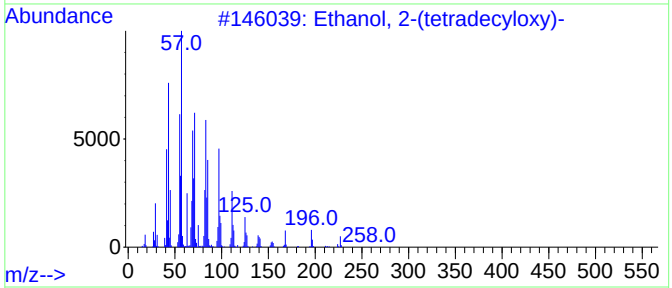
Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

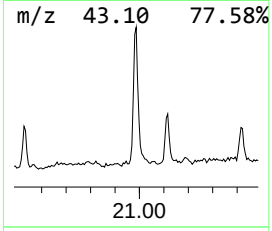
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.986	3.70 ng	562254	Chrysene-d12	21.281

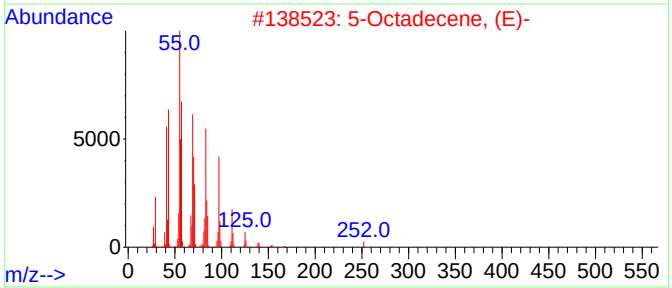
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	1-Heptadecene	238	C17H34	006765-39-5	95
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
5	1-Octadecene	252	C18H36	000112-88-9	93

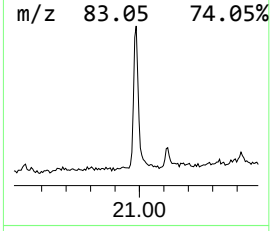


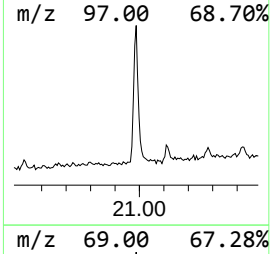


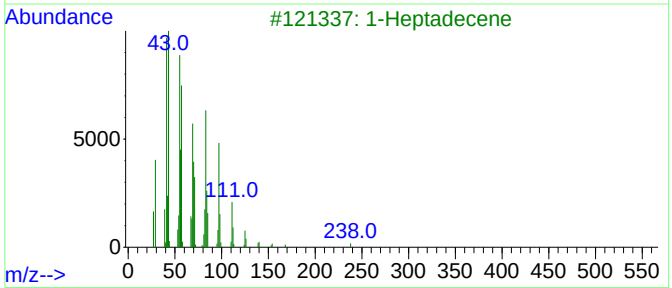


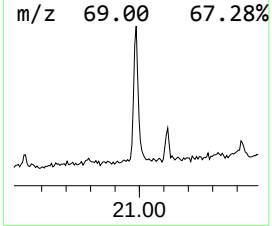












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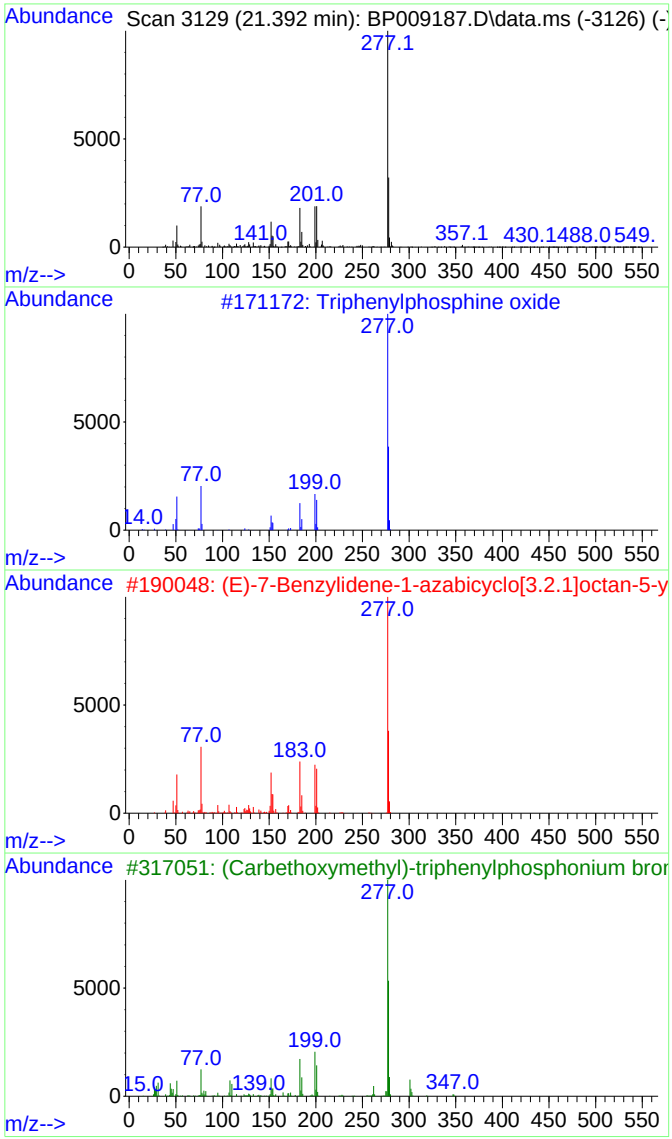
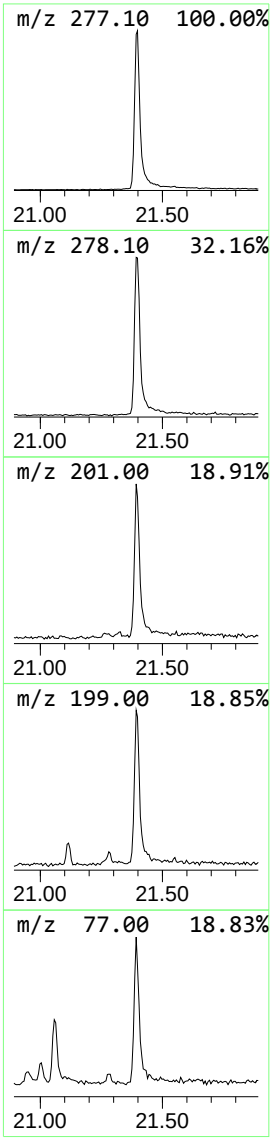
Peak Number 9 Triphenylphosphine oxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.392	3.47 ng	527212	Chrysene-d12	21.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38
5	Dimethoxymethyl-hydroxy-tripheny...	354	C21H23O3P	1000132-00-1	36





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009187.D
Acq On : 16 Feb 2022 19:58
Operator : CG/JU
Sample : N1554-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-03-021522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
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
Dodecane	14.328	3.0	ng	287315	3	14.428	1951150	20.0
Hexadecane	15.281	2.4	ng	236522	3	14.428	1951150	20.0
Tetradecane	16.145	2.5	ng	317528	4	17.187	2523790	20.0
Hexadecanoic ac...	17.857	43.1	ng	5438430	4	17.187	2523790	20.0
9,12-Octadecadi...	18.963	169.7	ng	21408500	4	17.187	2523790	20.0
9-Octadecenoic ...	18.992	99.2	ng	12523000	4	17.187	2523790	20.0
Methyl stearate	19.116	19.9	ng	2507200	4	17.187	2523790	20.0
Ethanol, 2-(tet...	20.986	3.7	ng	562254	5	21.281	3035410	20.0
Triphenylphosph...	21.392	3.5	ng	527212	5	21.281	3035410	20.0