LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090822\
Data File : BP011658.D
Acq On : 08 Sep 2022 16:56
Operator : CG/JU
Sample : N4511-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S1-AQ_DM-IDW-20220902

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-BP090222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP011658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	14	rVB	1467988	2098602	3.95%	1.175%
2	3.099	14	19	50	rVB	12944916	16083949	30.29%	9.003%
3	5.522	422	431	445	rBV	3669162	5484632	10.33%	3.070%
4	7.116	695	702	715	rBV	2048449	3226780	6.08%	1.806%
5	7.964	838	846	855	rBV	1579727	2569337	4.84%	1.438%
6	9.134	1036	1045	1054	rBV	5076490	8340897	15.71%	4.669%
7	10.781	1317	1325	1336	rBV	2050260	3457996	6.51%	1.936%
8	13.234	1735	1742	1756	rBV	13189623	19792582	37.28%	11.078%
9	14.604	1966	1975	1988	rBV	2865297	4387052	8.26%	2.456%
10	16.098	2222	2229	2246	rBV	9858439	14706550	27.70%	8.232%
11	17.287	2426	2431	2438	rBV	631361	934313	1.76%	0.523%
12	17.363	2438	2444	2457	rVB	3287615	4831914	9.10%	2.705%
13	18.245	2589	2594	2603	rBV	705946	1268968	2.39%	0.710%
14	18.698	2666	2671	2687	rBV	1869565	2404093	4.53%	1.346%
15	19.475	2799	2803	2814	rBV2	328782	585599	1.10%	0.328%
16	19.916	2872	2878	2883	rBV	19405662	24775023	46.66%	13.867%
17	21.439	3132	3137	3146	rBV	3893966	5140472	9.68%	2.877%
18	21.575	3153	3160	3194	rBV	30480034	53096482	100.00%	29.719%
19	23.910	3551	3557	3566	rVB2	2559705	5474232	10.31%	3.064%

Sum of corrected areas: 178659473

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Misc :
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Instrument :
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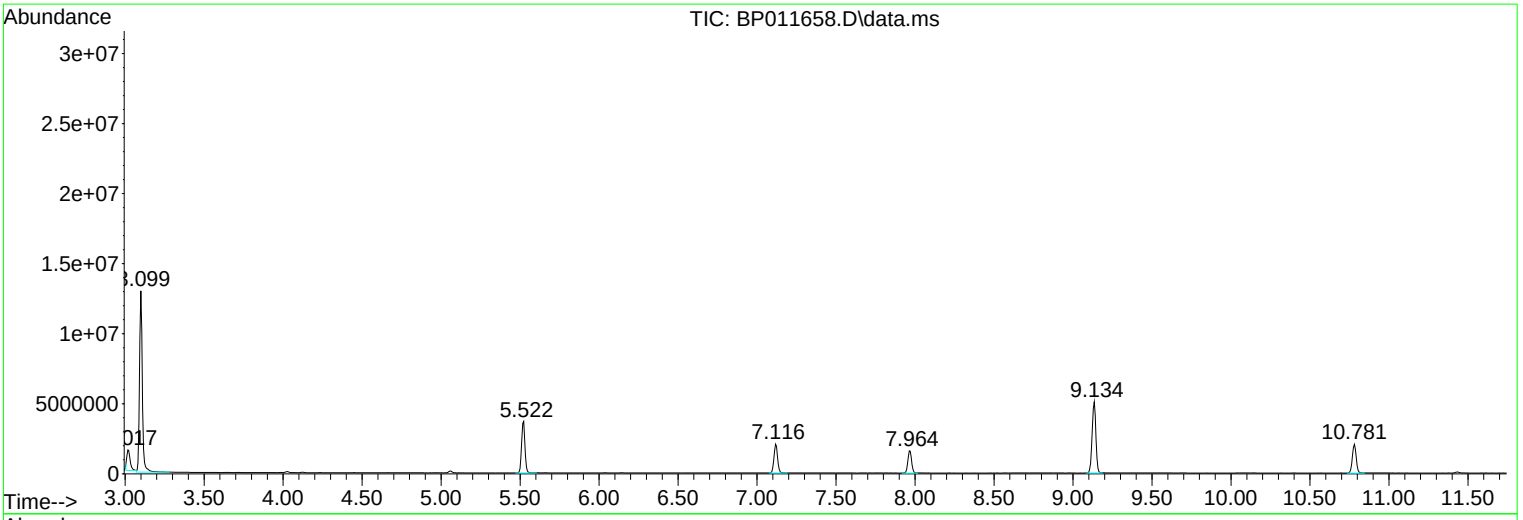
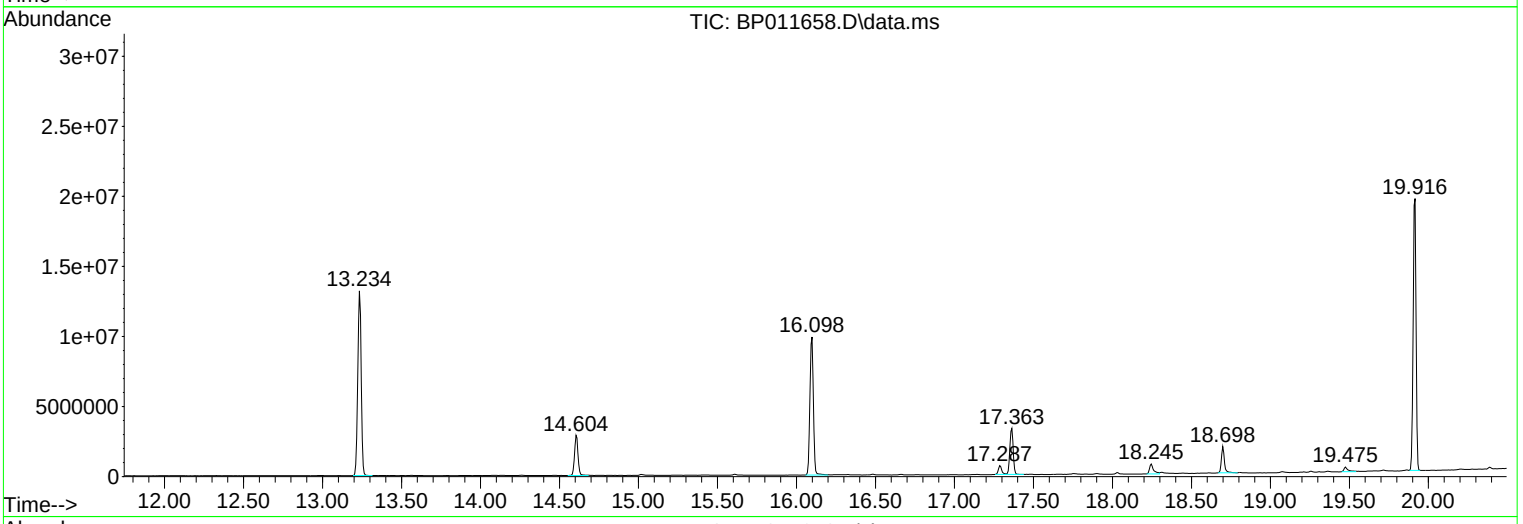
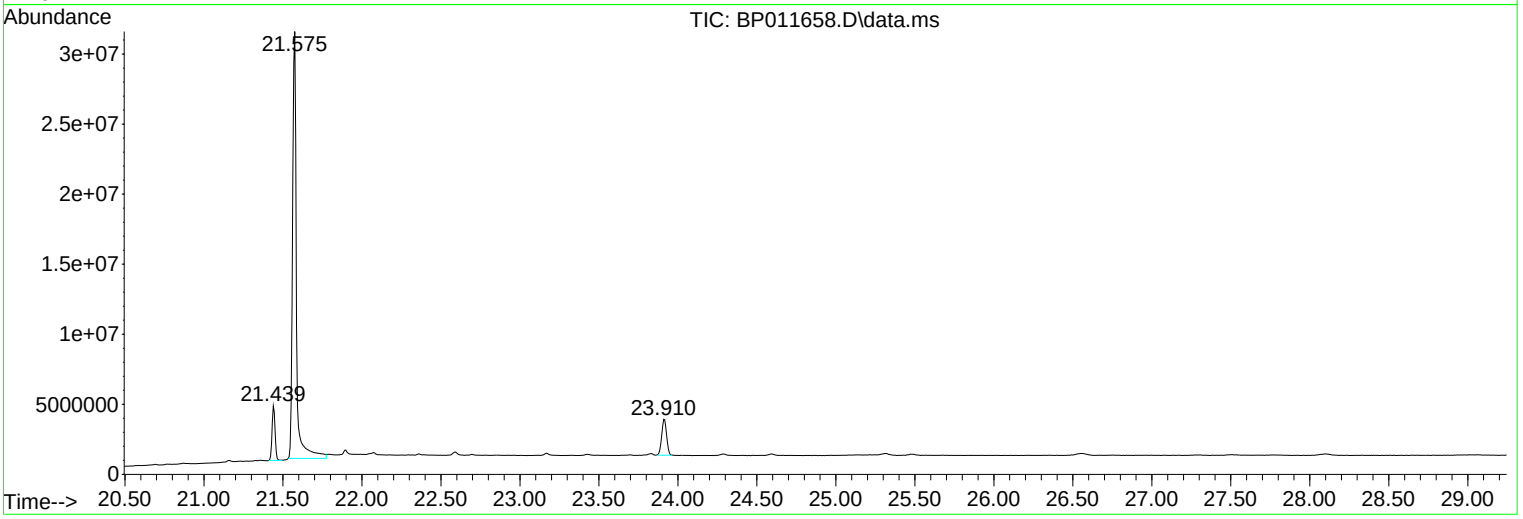
ClientSampleId :
S1-AQ_DM-IDW-20220902

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.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 : BP011658.D
Acq On : 08 Sep 2022 16:56
Operator : CG/JU
Sample : N4511-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S1-AQ_DM-IDW-20220902

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.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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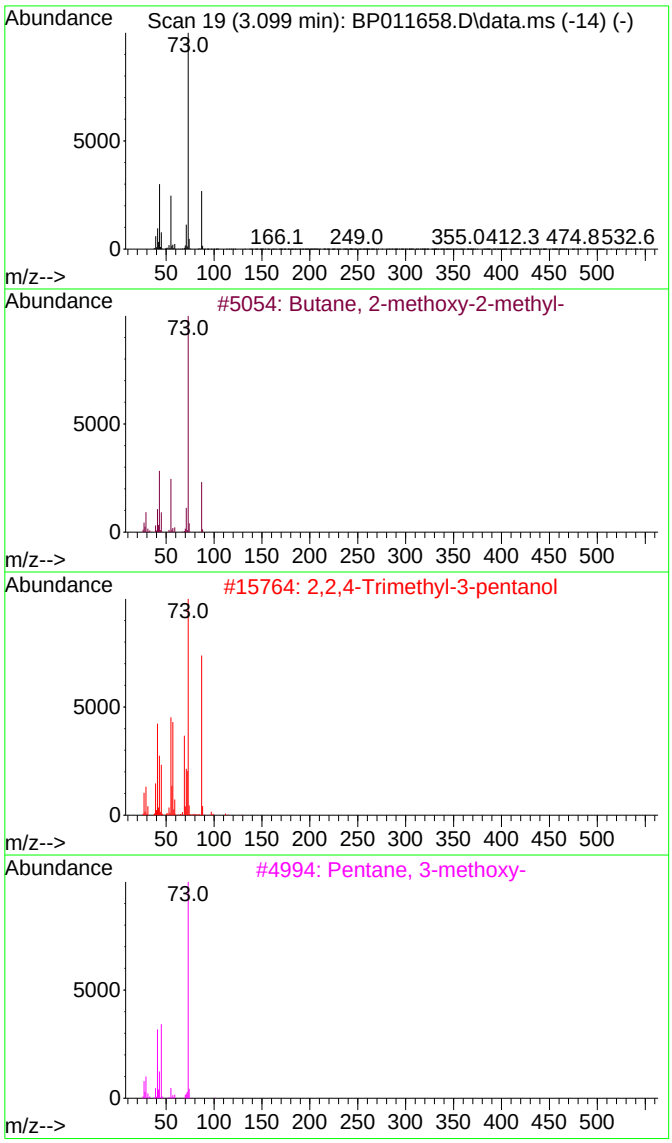
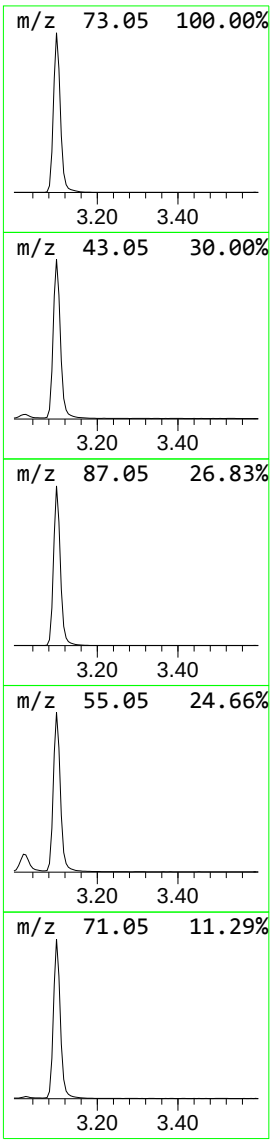
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.099	125.20 ng	16083900	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BP011658.D
Acq On : 08 Sep 2022 16:56
Operator : CG/JU
Sample : N4511-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S1-AQ_DM-IDW-20220902

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.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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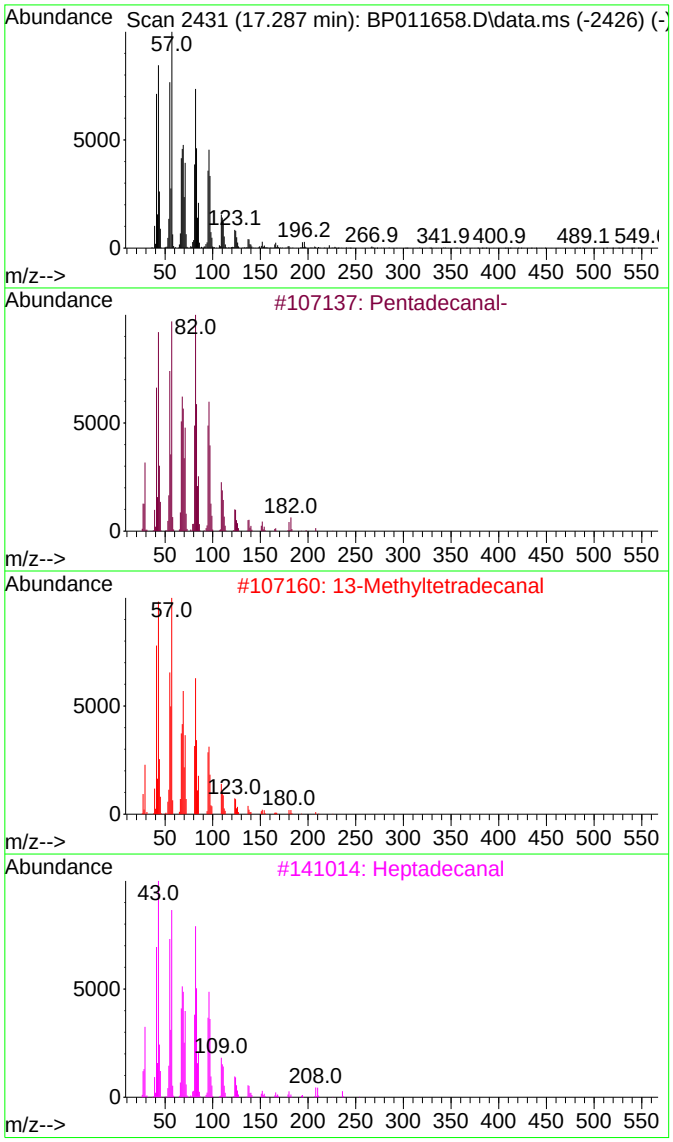
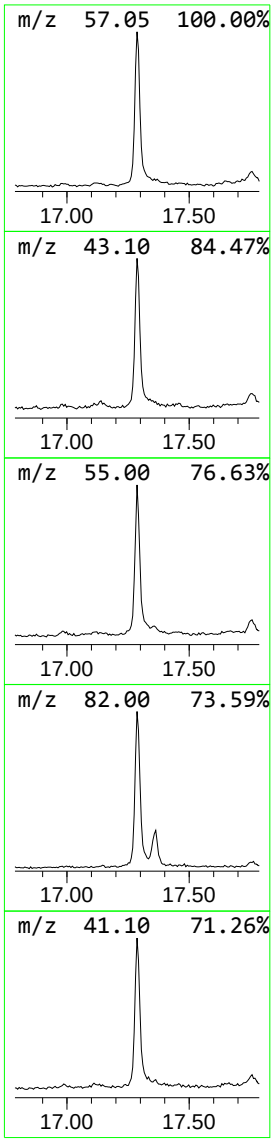
Peak Number 3 Pentadecanal- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.287	3.87 ng	934313	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	97
2	13-Methyltetradecanal	226	C15H30O	075853-51-9	95
3	Heptadecanal	254	C17H34O	1000376-70-0	94
4	16-Octadecenal	266	C18H34O	056554-87-1	94
5	17-Octadecenal	266	C18H34O	056554-86-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090822\
Data File : BP011658.D
Acq On : 08 Sep 2022 16:56
Operator : CG/JU
Sample : N4511-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S1-AQ_DM-IDW-20220902

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.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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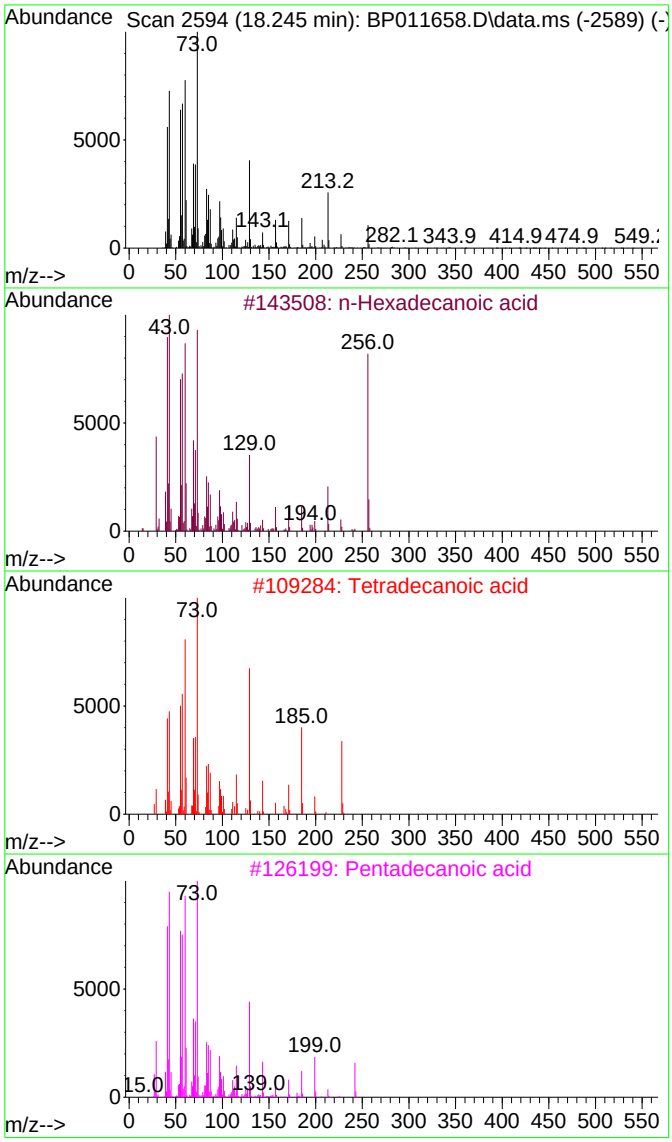
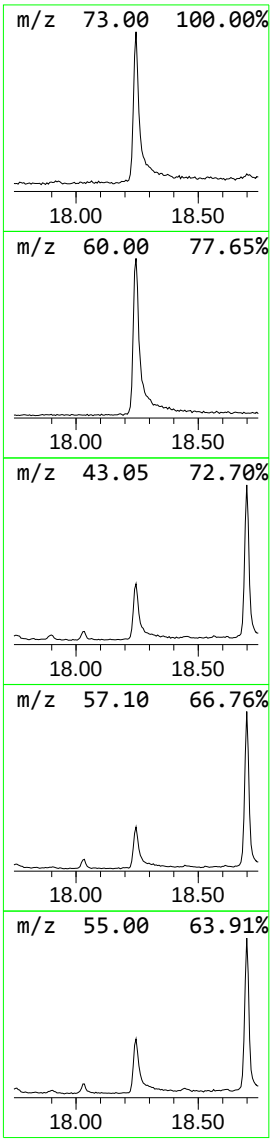
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	5.25 ng	1268970	Phenanthrene-d10	17.363

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090822\
Data File : BP011658.D
Acq On : 08 Sep 2022 16:56
Operator : CG/JU
Sample : N4511-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S1-AQ_DM-IDW-20220902

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.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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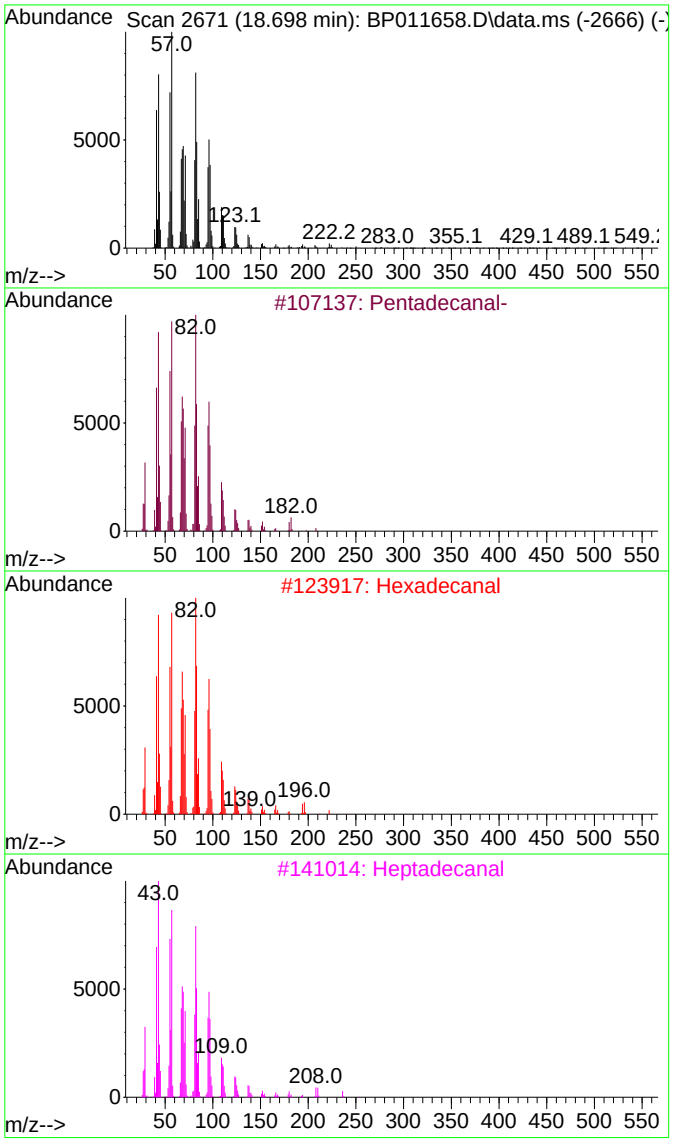
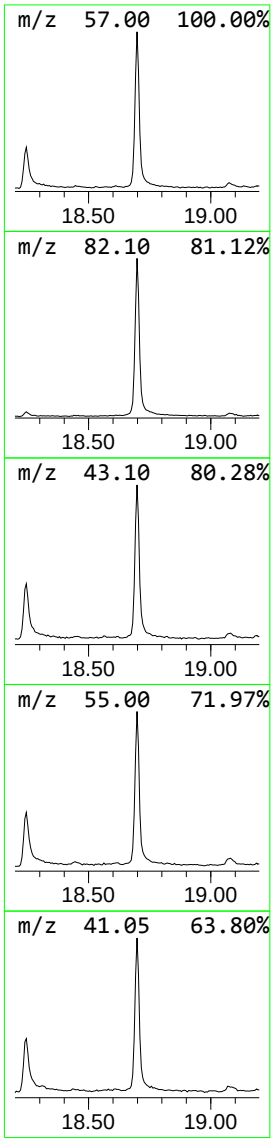
Peak Number 5 Hexadecanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	9.95 ng	2404090	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	99
2	Hexadecanal	240	C16H32O	000629-80-1	96
3	Heptadecanal	254	C17H34O	1000376-70-0	94
4	Octadecanal	268	C18H36O	000638-66-4	94
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090822\
Data File : BP011658.D
Acq On : 08 Sep 2022 16:56
Operator : CG/JU
Sample : N4511-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S1-AQ_DM-IDW-20220902

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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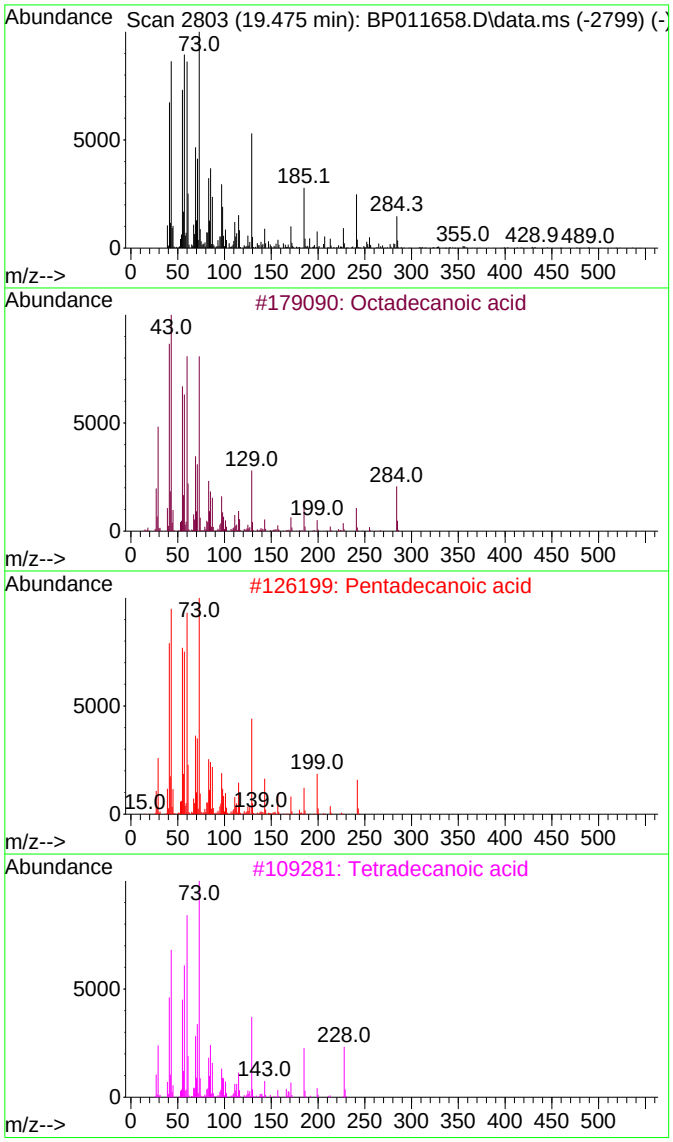
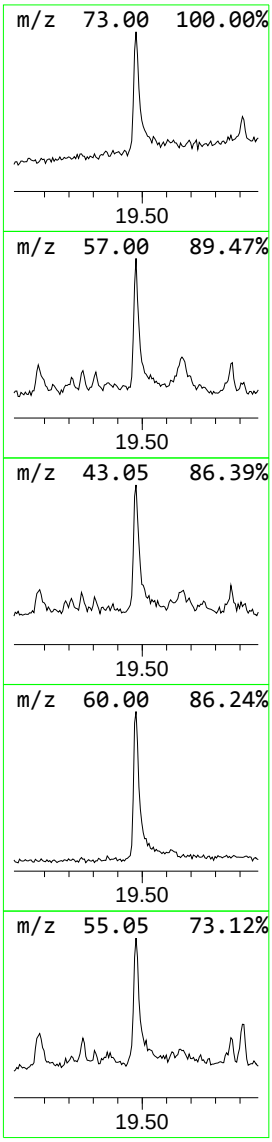
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.475	2.28 ng	585599	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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Operator : CG/JU
Sample : N4511-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S1-AQ_DM-IDW-20220902

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.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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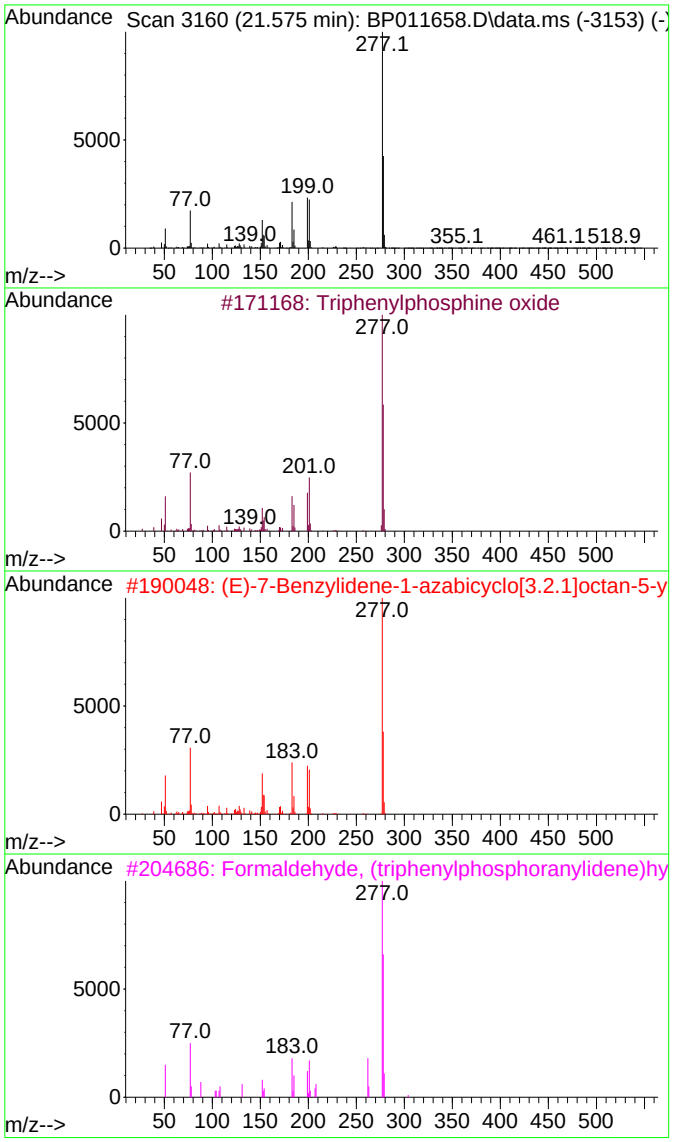
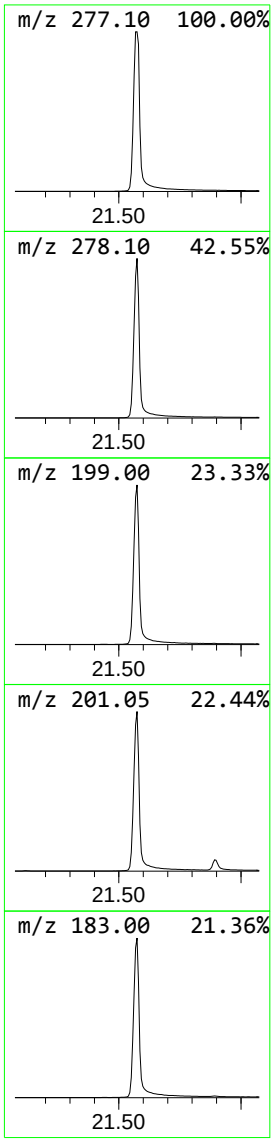
Peak Number 7 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.575	206.58 ng	53096500	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	40
4	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	17
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	9





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
Butane, 2-metho...	3.099	125.2	ng	16083900	1	7.969	2569340	20.0
Pentadecanal-	17.287	3.9	ng	934313	4	17.363	4831910	20.0
n-Hexadecanoic ...	18.245	5.3	ng	1268970	4	17.363	4831910	20.0
Hexadecanal	18.698	9.9	ng	2404090	4	17.363	4831910	20.0
Octadecanoic acid	19.475	2.3	ng	585599	5	21.439	5140470	20.0
Triphenylphosph...	21.575	206.6	ng	53096500	5	21.439	5140470	20.0