LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
Data File : BP009370.D
Acq On : 11 Mar 2022 18:06
Operator : CG/JU
Sample : N1893-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.063	9	13	30	rVB	454382	692483	1.03%	0.411%
2	3.763	127	132	144	rVB	1273167	1866746	2.78%	1.109%
3	4.381	228	237	262	rVB	31992806	67075834	100.00%	39.857%
4	4.969	327	337	352	rBV	11517310	19807511	29.53%	11.770%
5	7.816	813	821	829	rBV	1053460	1768343	2.64%	1.051%
6	8.463	922	931	943	rBV	2283040	4055552	6.05%	2.410%
7	8.969	1002	1017	1028	rBV	2299334	4062131	6.06%	2.414%
8	9.245	1058	1064	1080	rBV	454200	771237	1.15%	0.458%
9	9.540	1106	1114	1124	rBV	601486	1062015	1.58%	0.631%
10	10.610	1282	1296	1303	rBV	1326183	2419960	3.61%	1.438%
11	13.081	1708	1716	1725	rBV	5422216	9412384	14.03%	5.593%
12	14.457	1941	1950	1962	rBV	1819331	3230229	4.82%	1.919%
13	16.222	2241	2250	2260	rBV	985348	2109482	3.14%	1.253%
14	17.051	2386	2391	2403	rVB	1334015	2227940	3.32%	1.324%
15	17.216	2414	2419	2430	rBV	2149108	3706249	5.53%	2.202%
16	17.663	2491	2495	2500	rBV	426902	685512	1.02%	0.407%
17	19.792	2852	2857	2869	rVB	10349319	13743185	20.49%	8.166%
18	21.327	3113	3118	3126	rBV	2856600	4107903	6.12%	2.441%
19	21.451	3133	3139	3157	rBV	13542129	20998092	31.31%	12.477%
20	23.733	3522	3527	3538	rVB2	2034493	4489764	6.69%	2.668%

Sum of corrected areas: 168292552

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
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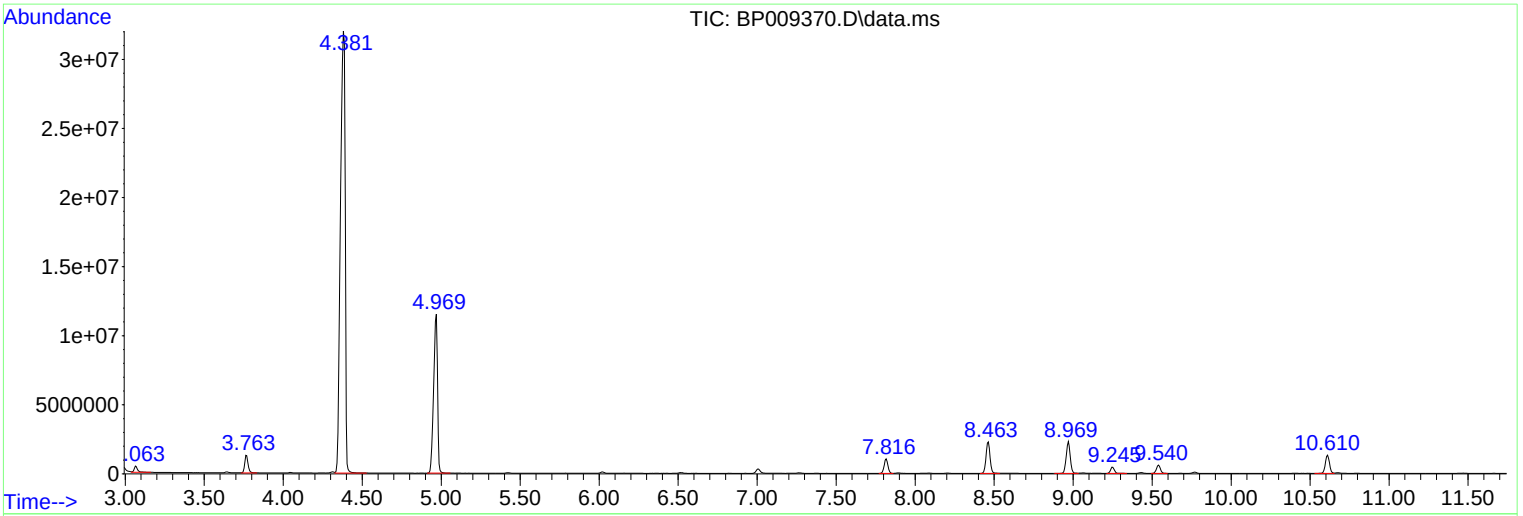
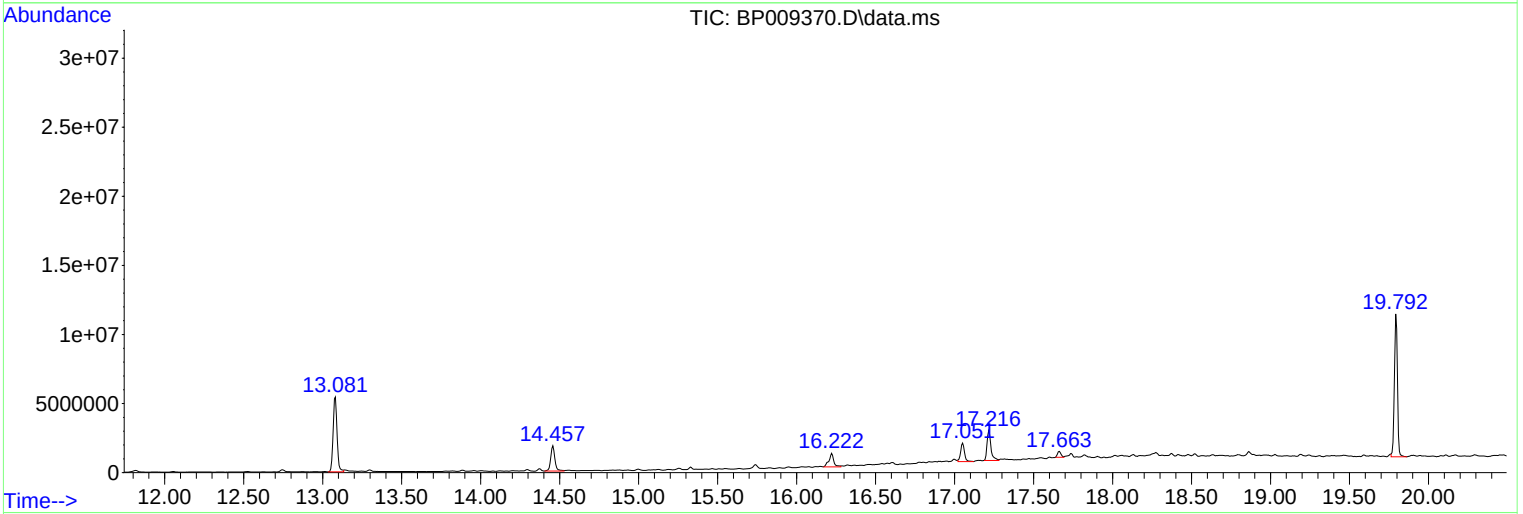
Sample : N1893-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

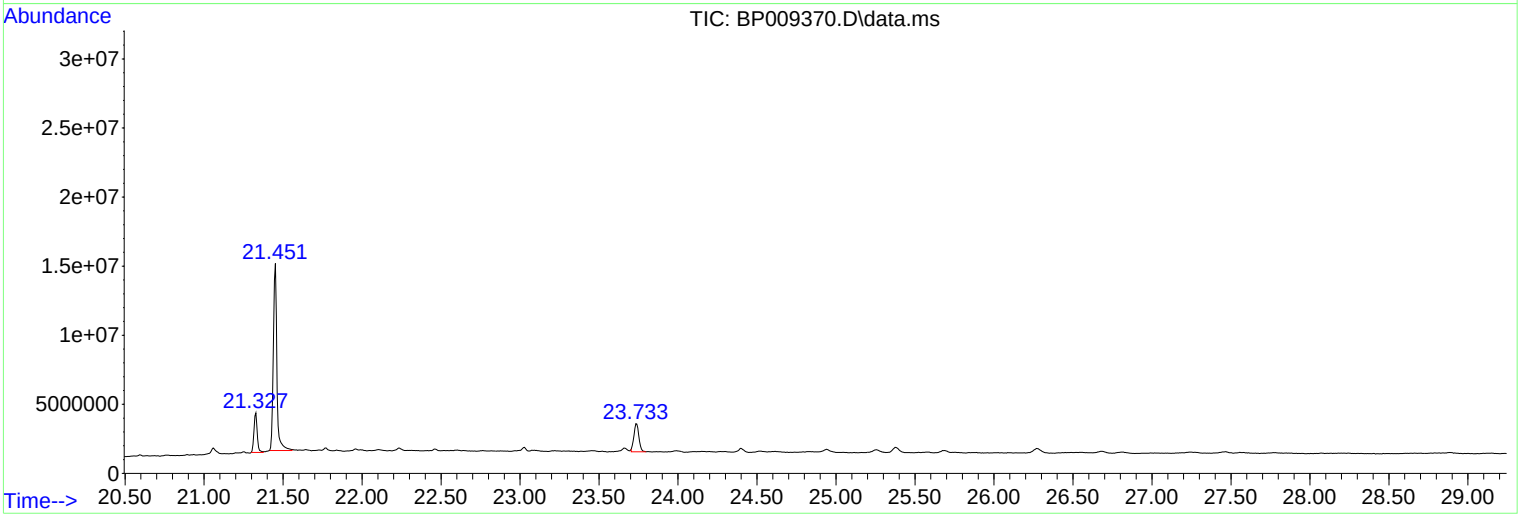
Instrument :
BNA_P
ClientSampleId :
CONCRETE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

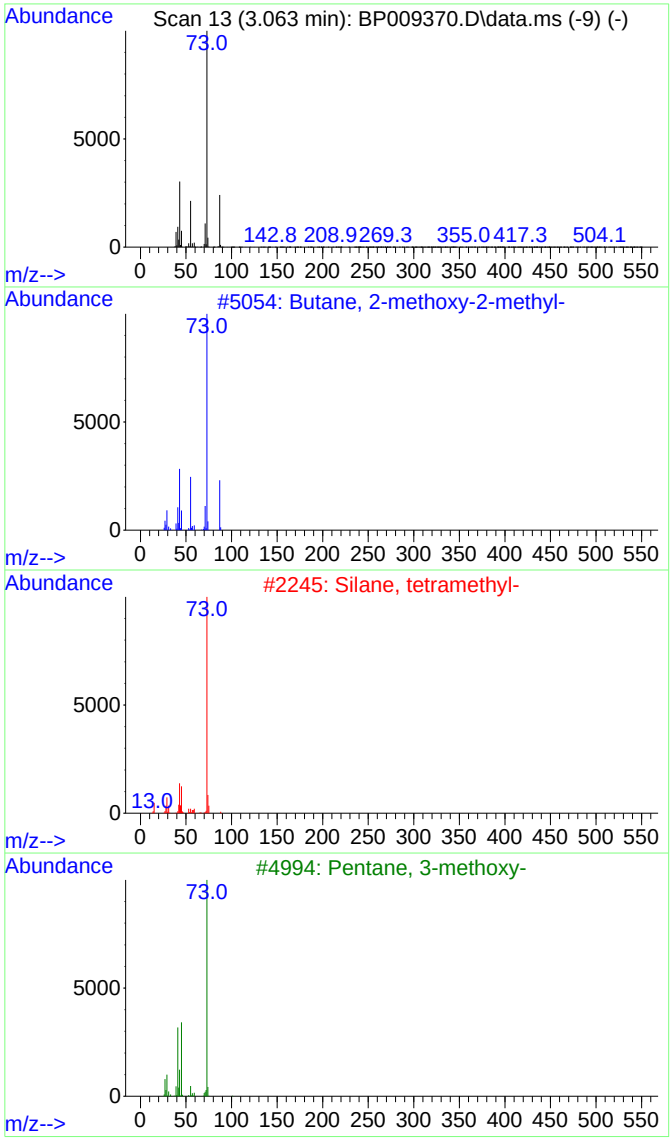
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

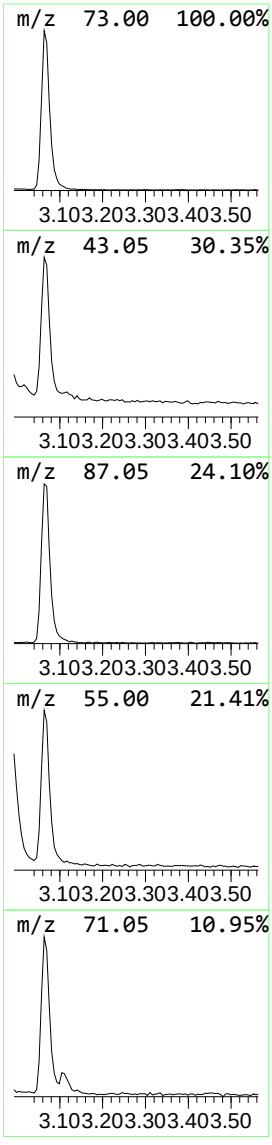
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.063	7.83 ng	692483	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BP009370.D
Acq On : 11 Mar 2022 18:06
Operator : CG/JU
Sample : N1893-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

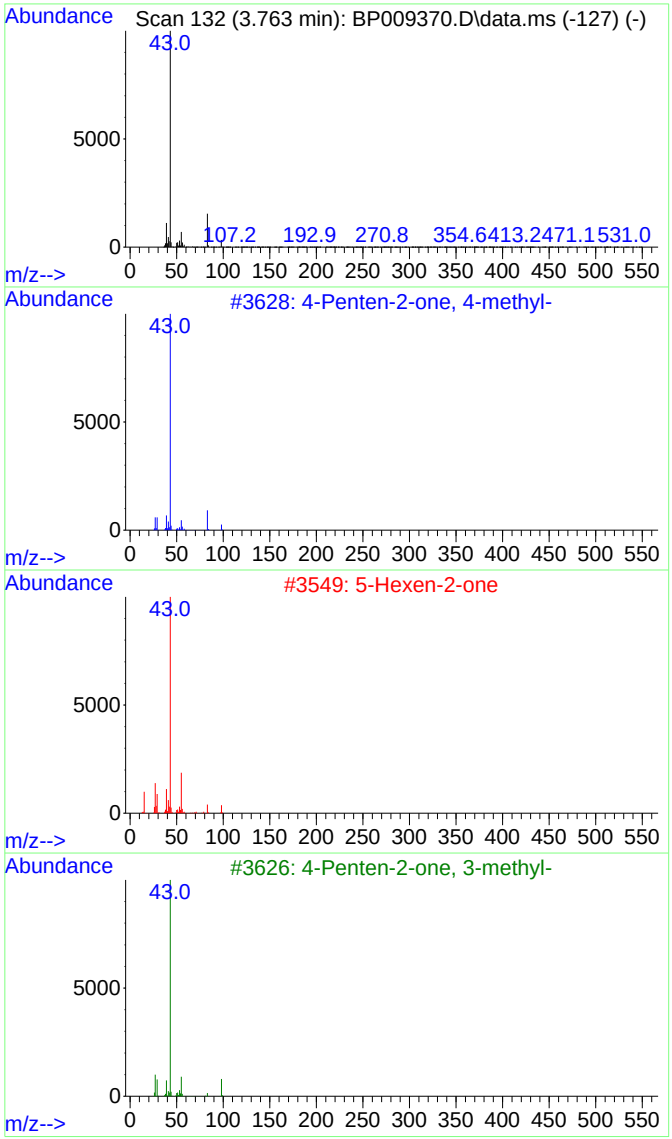
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

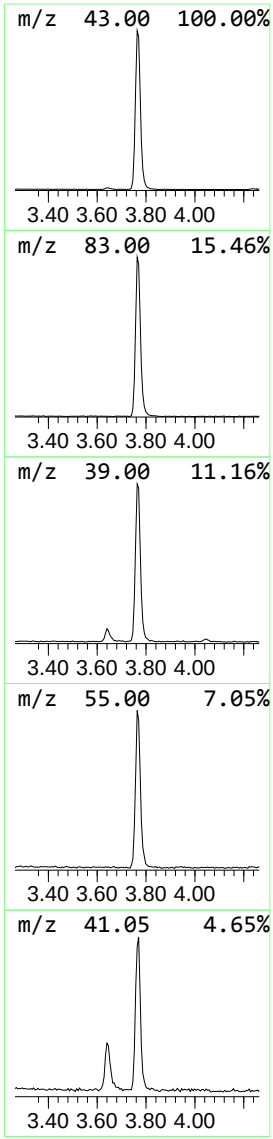
****

Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.763	21.11 ng	1866750	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2	5-Hexen-2-one	98	C6H10O	000109-49-9	50
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	47
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	38
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
Data File : BP009370.D
Acq On : 11 Mar 2022 18:06
Operator : CG/JU
Sample : N1893-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
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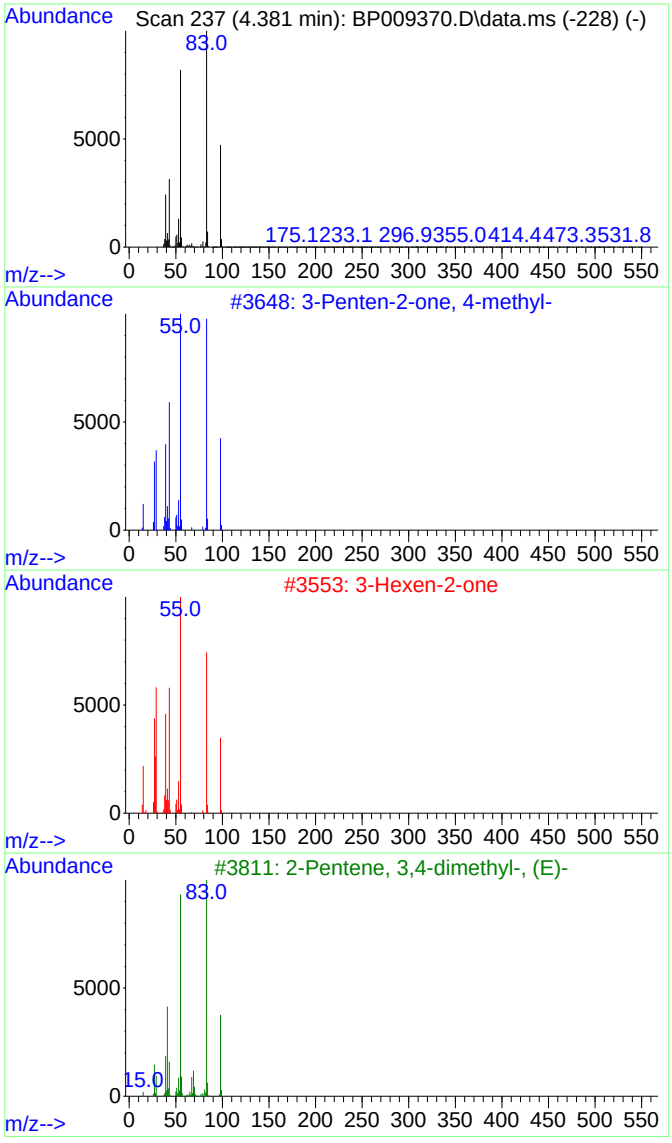
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

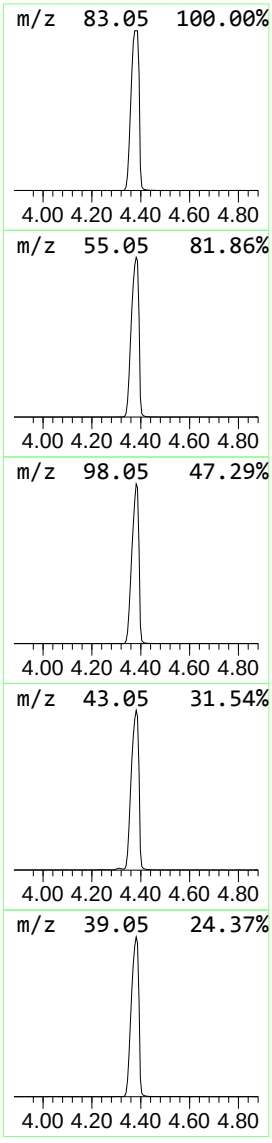
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.381	758.63 ng	67075800	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	80
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78





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Data File : BP009370.D
Acq On : 11 Mar 2022 18:06
Operator : CG/JU
Sample : N1893-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE

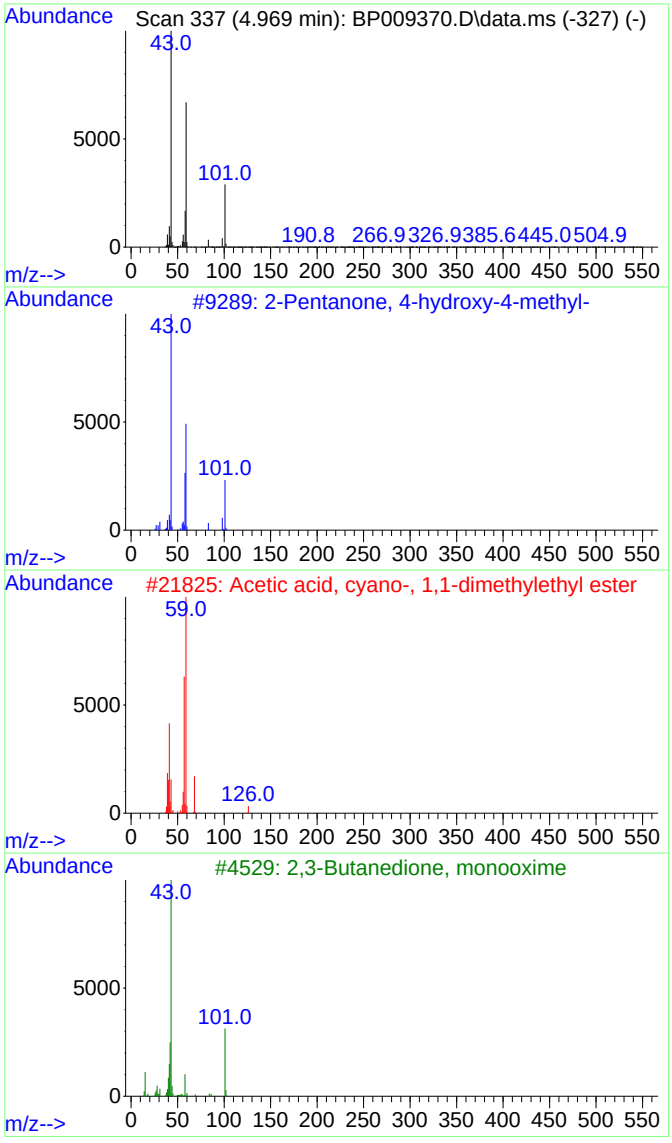
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

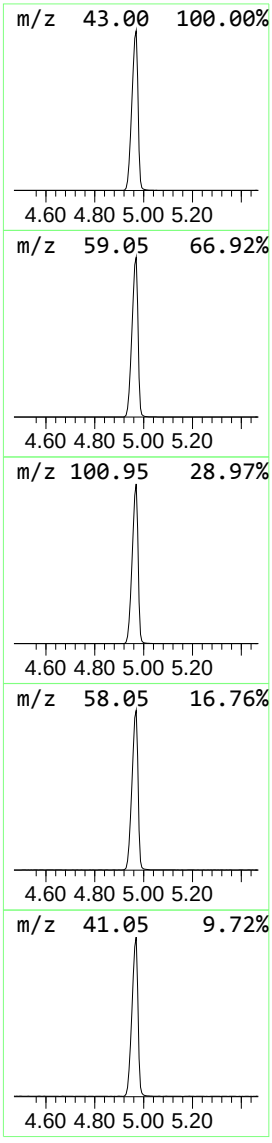
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	224.02 ng	19807500	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BP009370.D
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Operator : CG/JU
Sample : N1893-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE

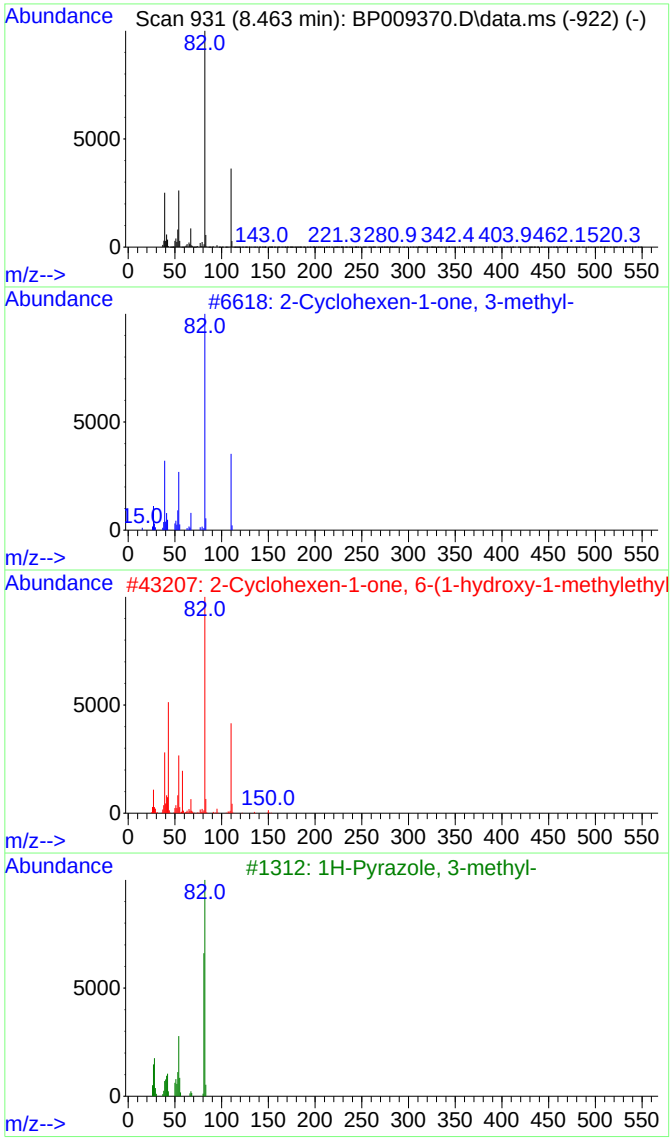
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

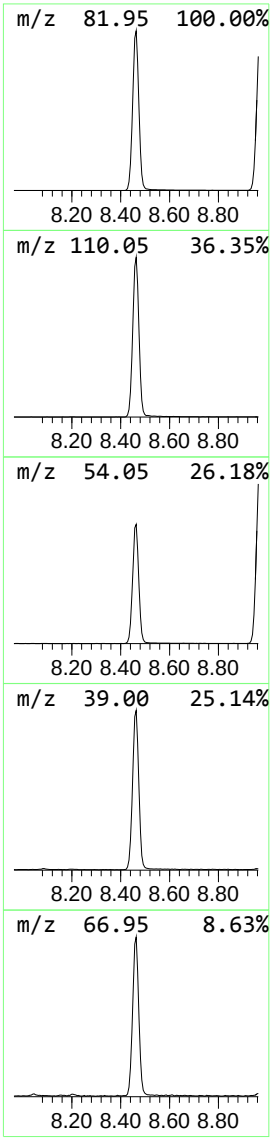
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	45.87 ng	4055550	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	94
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	40
3	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	38
4	Betazole	111	C5H9N3	000105-20-4	33
5	Histamine	111	C5H9N3	000051-45-6	9





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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
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TIC Library : C:\Database\NIST20.L
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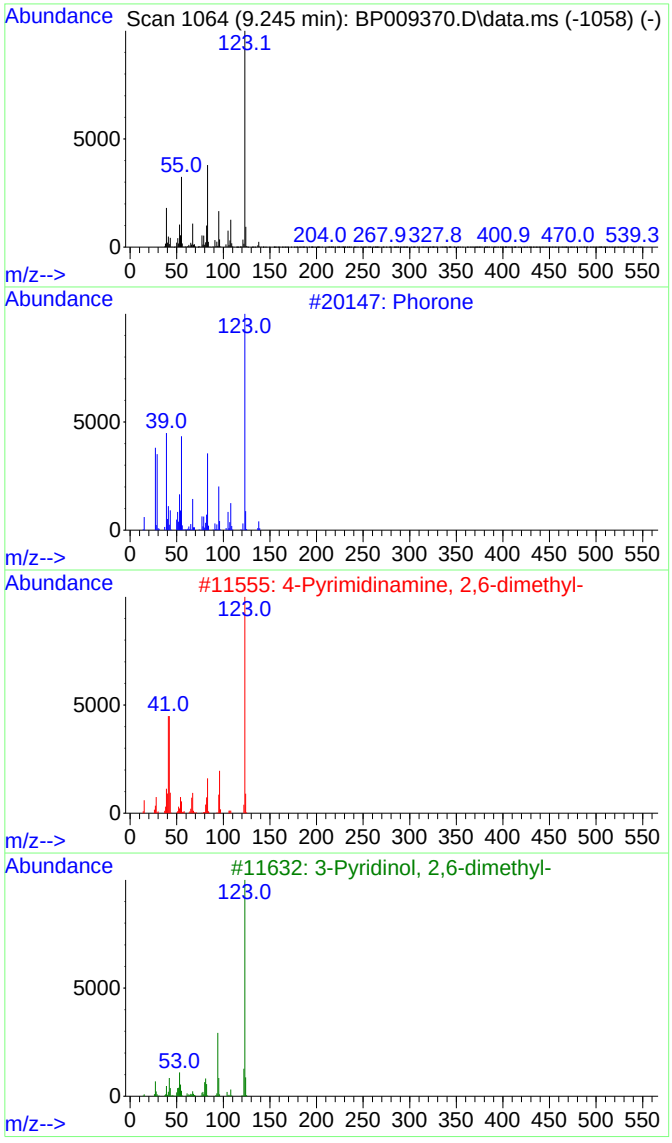
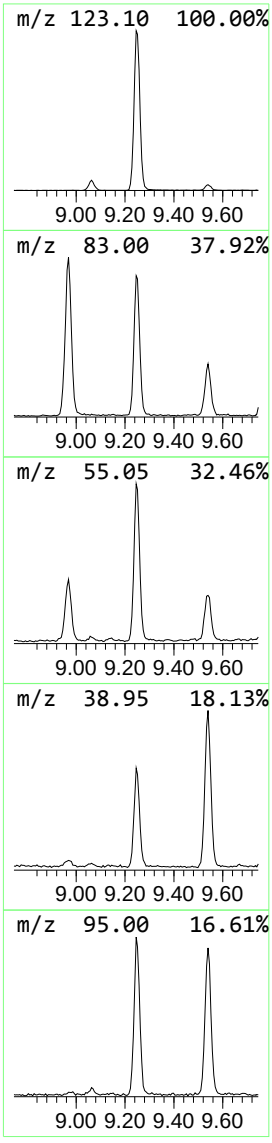
****

Peak Number 6 Phorone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.245	6.37 ng	771237	Naphthalene-d8	10.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phorone	138	C9H14O	000504-20-1	94
2	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	59
3	3-Pyridinol, 2,6-dimethyl-	123	C7H9NO	001122-43-6	53
4	2-Cyclopenten-1-one, 3,4,5,5-tet...	138	C9H14O	090611-02-2	53
5	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	50





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
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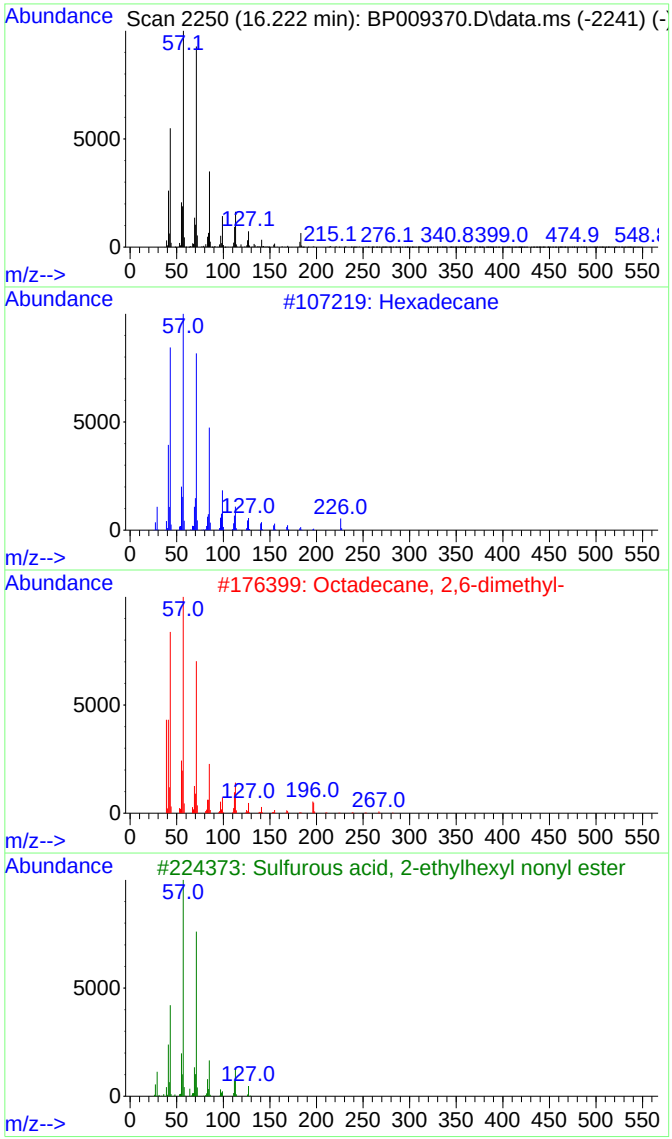
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

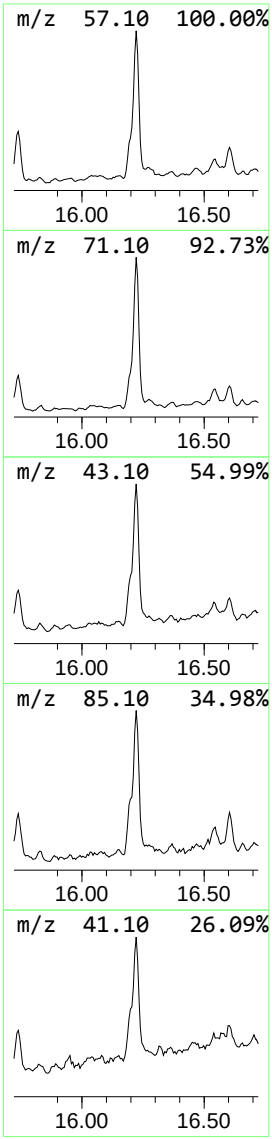
****

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.222	11.38 ng	2109480	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	83
4	Decane, 5-propyl-	184	C13H28	017312-62-8	83
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81





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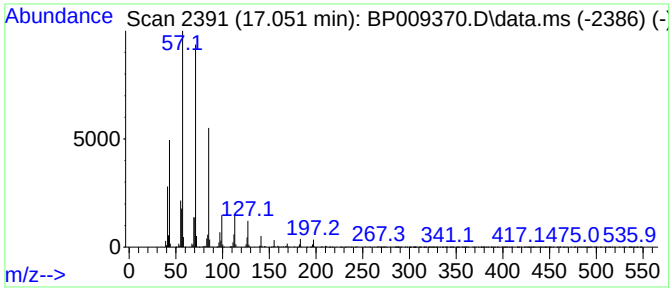
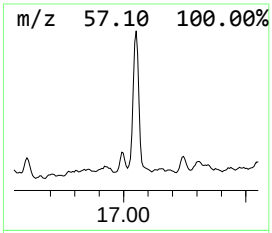
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

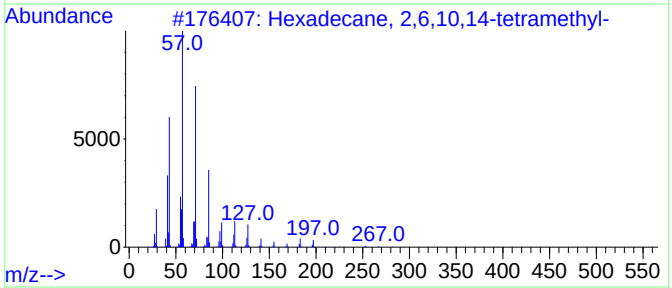
****
Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

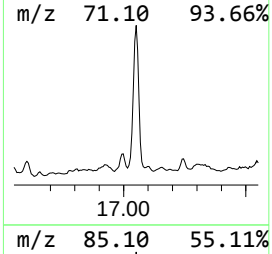
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	12.02 ng	2227940	Phenanthrene-d10	17.216

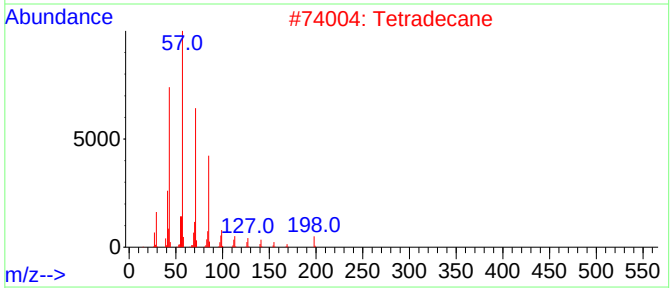
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	98
2	Tetradecane	198	C14H30	000629-59-4	93
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86

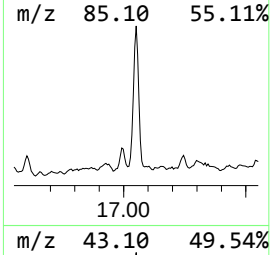


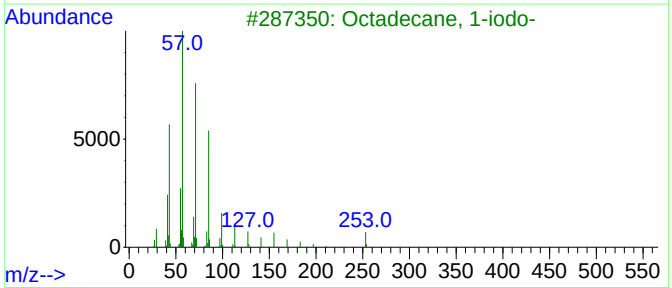


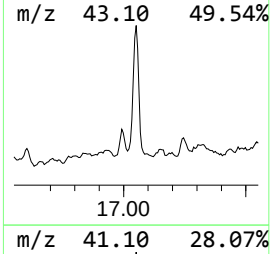


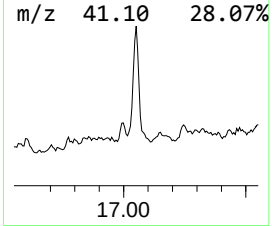












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
Data File : BP009370.D
Acq On : 11 Mar 2022 18:06
Operator : CG/JU
Sample : N1893-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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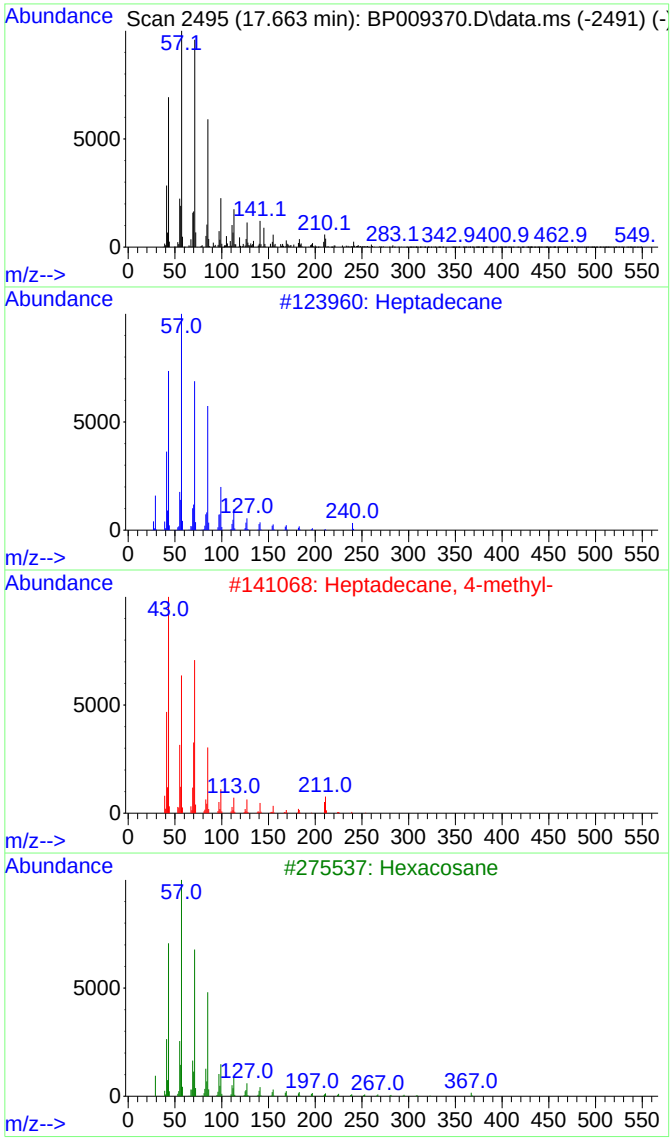
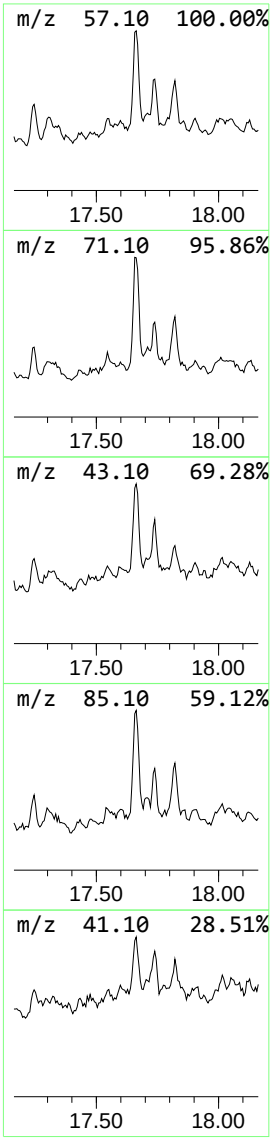
Peak Number 9 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.663	3.70 ng	685512	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
Data File : BP009370.D
Acq On : 11 Mar 2022 18:06
Operator : CG/JU
Sample : N1893-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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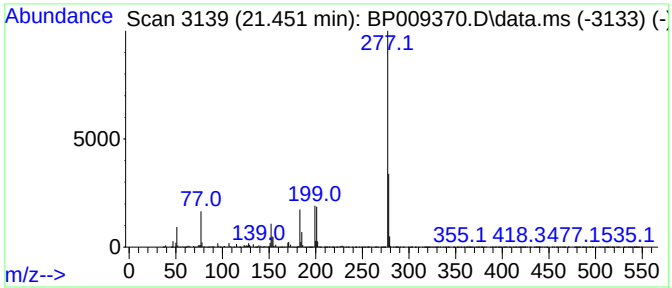
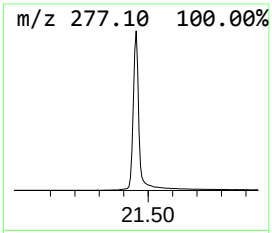
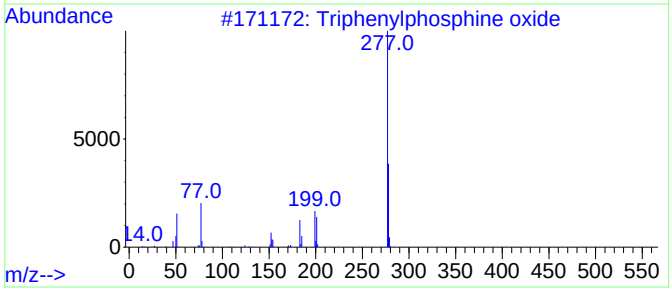
Peak Number 10 Triphenylphosphine oxide Concentration Rank 3

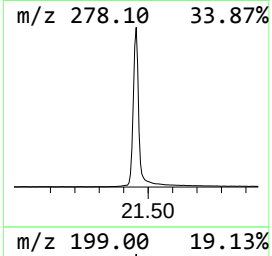
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.451	102.23 ng	20998100	Chrysene-d12	21.327

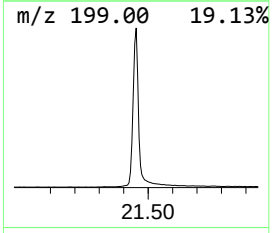
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5	Thiophene-3-carbonitrile, 4-(4-m...	277	C13H11NO2S2	1000268-75-0	9

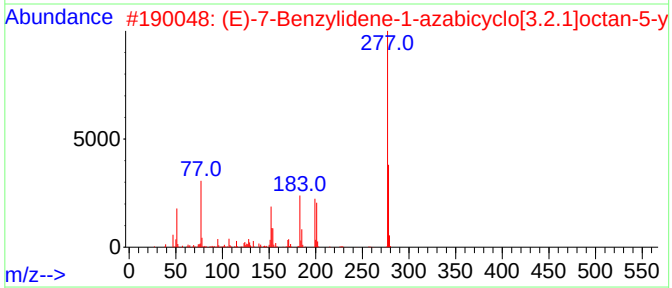


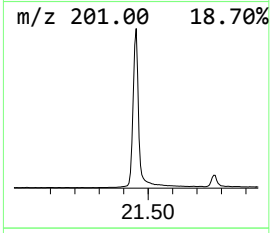


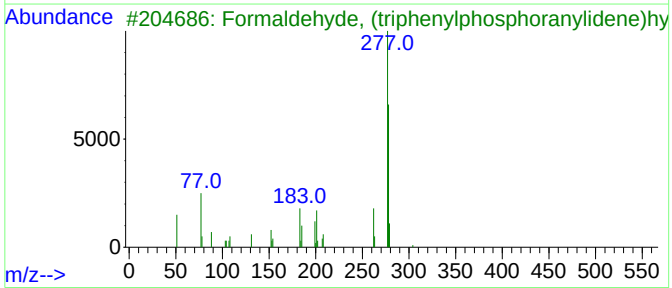


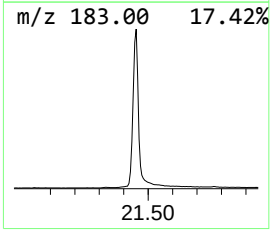












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
Data File : BP009370.D
Acq On : 11 Mar 2022 18:06
Operator : CG/JU
Sample : N1893-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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
Butane, 2-metho...	3.063	7.8	ng	692483	1	7.816	1768340	20.0
4-Penten-2-one,...	3.763	21.1	ng	1866750	1	7.816	1768340	20.0
3-Penten-2-one,...	4.381	758.6	ng	67075800	1	7.816	1768340	20.0
2-Pentanone, 4-...	4.969	224.0	ng	19807500	1	7.816	1768340	20.0
2-Cyclohexen-1-...	8.463	45.9	ng	4055550	1	7.816	1768340	20.0
Phorone	9.245	6.4	ng	771237	2	10.610	2419960	20.0
Hexadecane	16.222	11.4	ng	2109480	4	17.216	3706250	20.0
Hexadecane, 2,6...	17.051	12.0	ng	2227940	4	17.216	3706250	20.0
Heptadecane	17.663	3.7	ng	685512	4	17.216	3706250	20.0
Triphenylphosph...	21.451	102.2	ng	20998100	5	21.327	4107900	20.0