LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
Data File : BP009535.D
Acq On : 24 Mar 2022 18:26
Operator : CG/JU
Sample : N2090-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-62

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009535.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.023	3	6	31	rVB	1885210	2608020	10.23%	2.508%
2	5.375	400	406	433	rBV	2262060	3987341	15.65%	3.835%
3	6.964	664	676	694	rBV	1136754	2383305	9.35%	2.292%
4	7.769	806	813	823	rBV	897162	1612018	6.33%	1.550%
5	8.146	870	877	890	rVB	494690	891251	3.50%	0.857%
6	8.881	996	1002	1004	rBV	167160	275745	1.08%	0.265%
7	8.928	1004	1010	1033	rVB	3188984	6452676	25.32%	6.206%
8	9.399	1077	1090	1100	rBV	328612	688309	2.70%	0.662%
9	9.963	1176	1186	1198	rBV	250142	506114	1.99%	0.487%
10	10.563	1273	1288	1294	rBV	1112552	2200787	8.64%	2.117%
11	10.616	1294	1297	1306	rVB3	191668	365504	1.43%	0.352%
12	13.040	1700	1709	1726	rBV	8615353	13699099	53.76%	13.176%
13	14.140	1891	1896	1907	rBV	219217	356182	1.40%	0.343%
14	14.416	1936	1943	1950	rBV	1778732	2950715	11.58%	2.838%
15	14.481	1950	1954	1963	rVB	149213	255076	1.00%	0.245%
16	15.598	2139	2144	2148	rBV	240972	373421	1.47%	0.359%
17	15.916	2191	2198	2224	rVB	6354349	10224581	40.12%	9.834%
18	17.181	2407	2413	2425	rVB	2060362	3148153	12.35%	3.028%
19	19.763	2846	2852	2861	rBV	13140398	16940030	66.48%	16.293%
20	21.045	3066	3070	3076	rVB	268682	420203	1.65%	0.404%
21	21.298	3108	3113	3121	rBV	2744330	3814305	14.97%	3.669%
22	21.422	3128	3134	3155	rBV	15540432	25482357	100.00%	24.508%
23	23.692	3513	3520	3529	rVB2	2031969	4338781	17.03%	4.173%

Sum of corrected areas: 103973973

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
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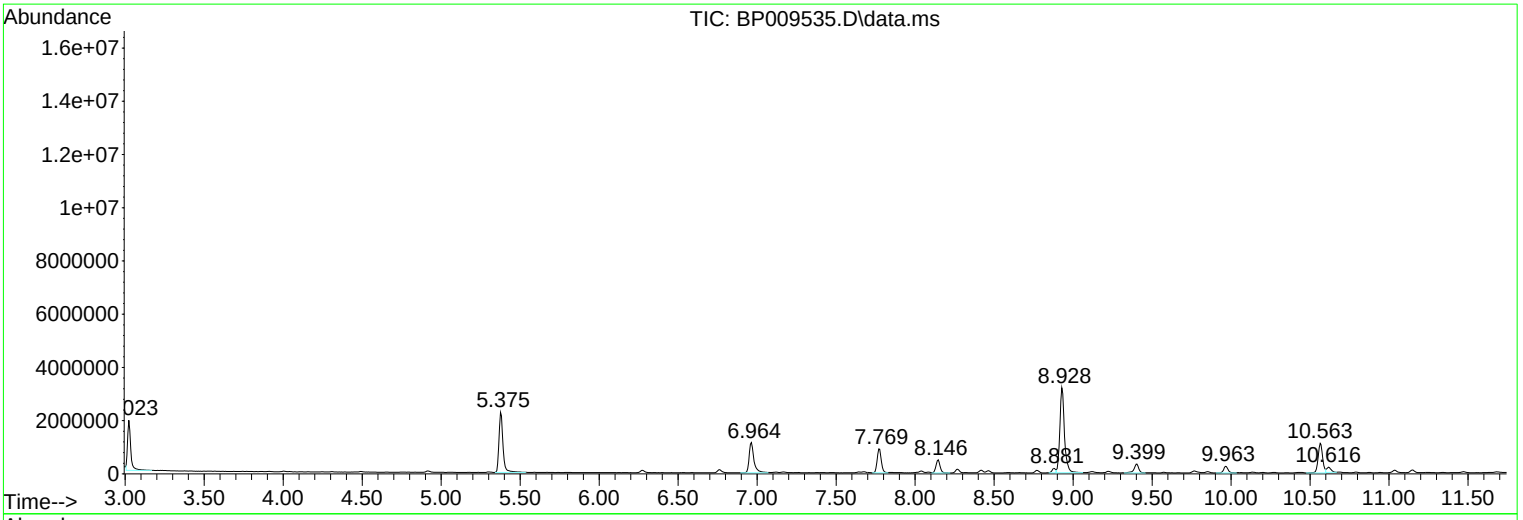
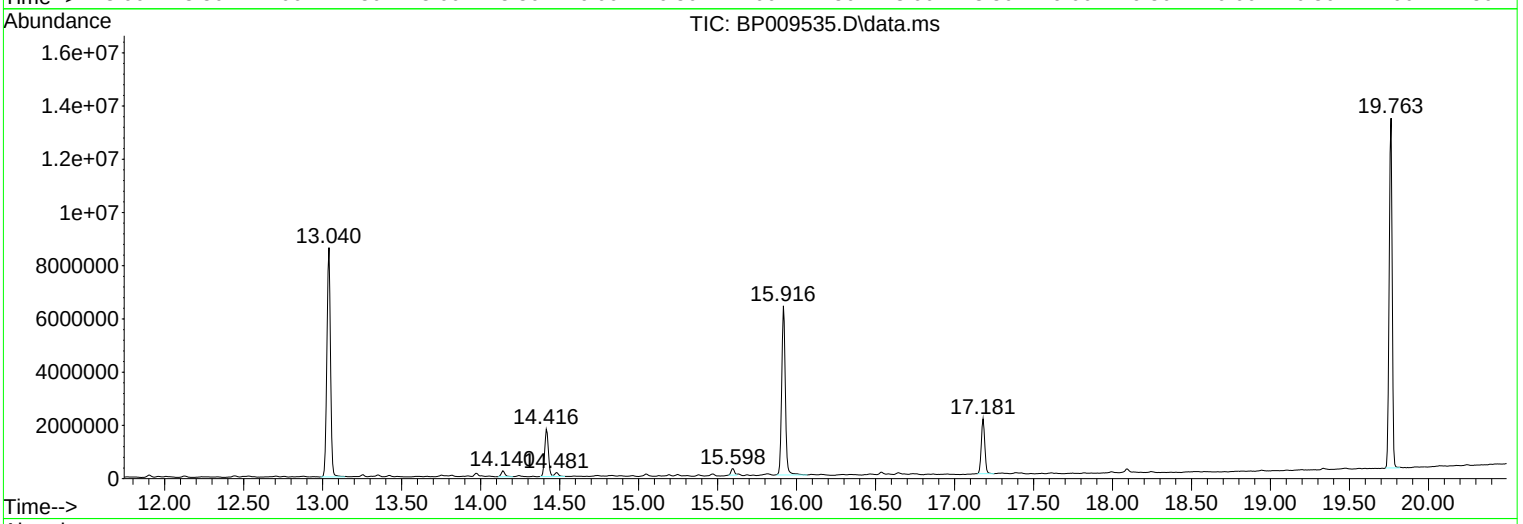
Sample : N2090-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

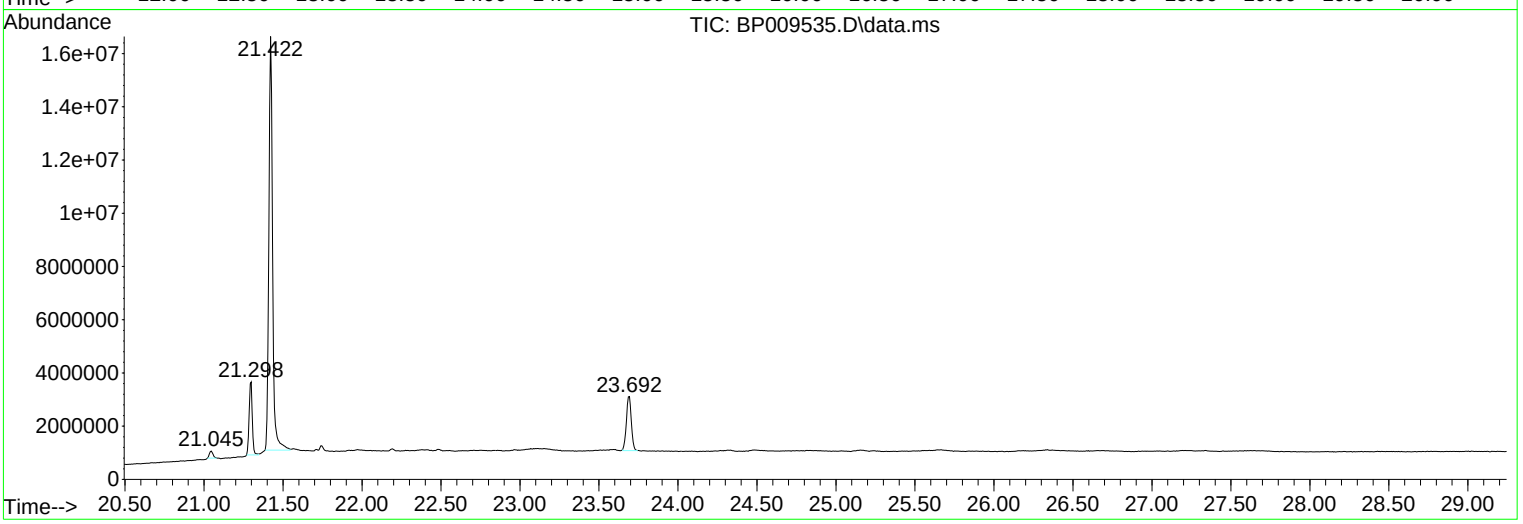
Instrument :
BNA_P
ClientSampleId :
MW-62

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

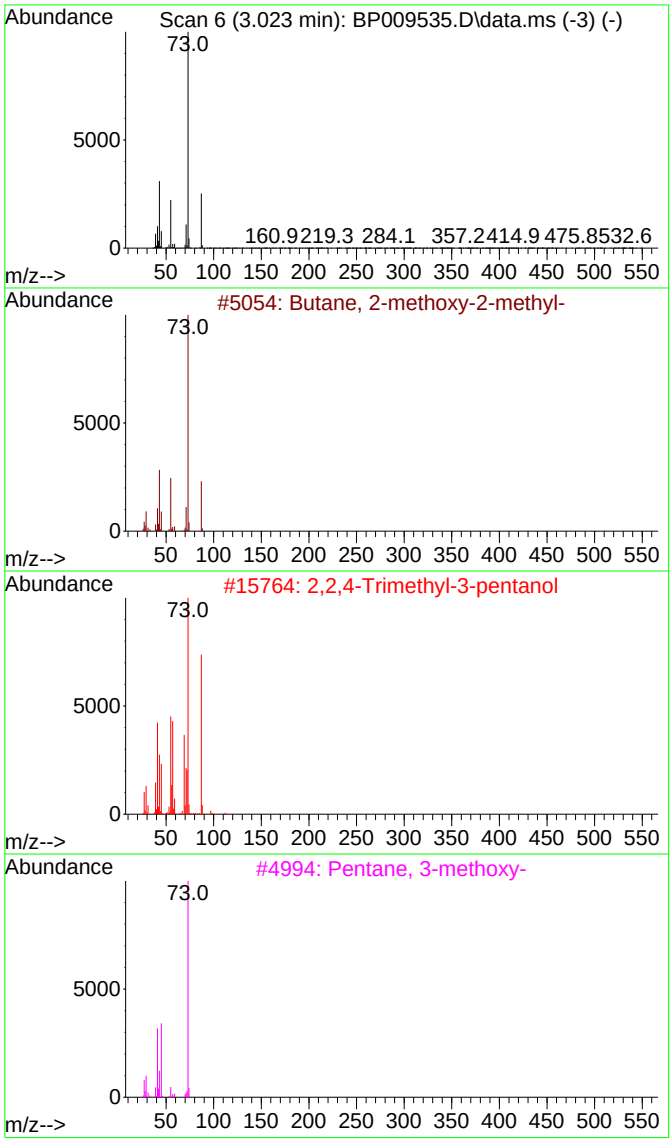
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

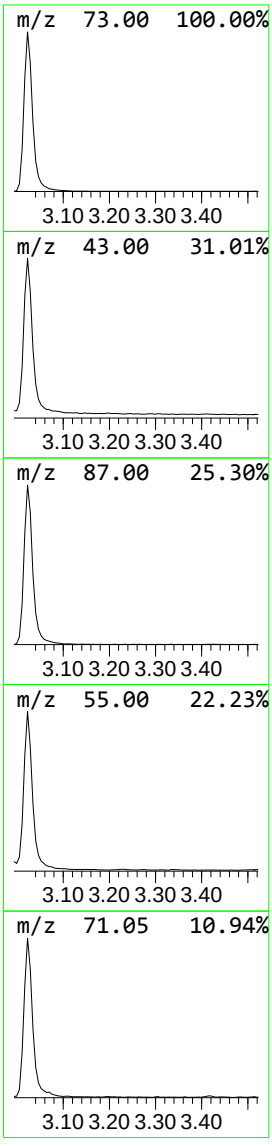
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.023	32.36 ng	2608020	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Data File : BP009535.D
Acq On : 24 Mar 2022 18:26
Operator : CG/JU
Sample : N2090-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

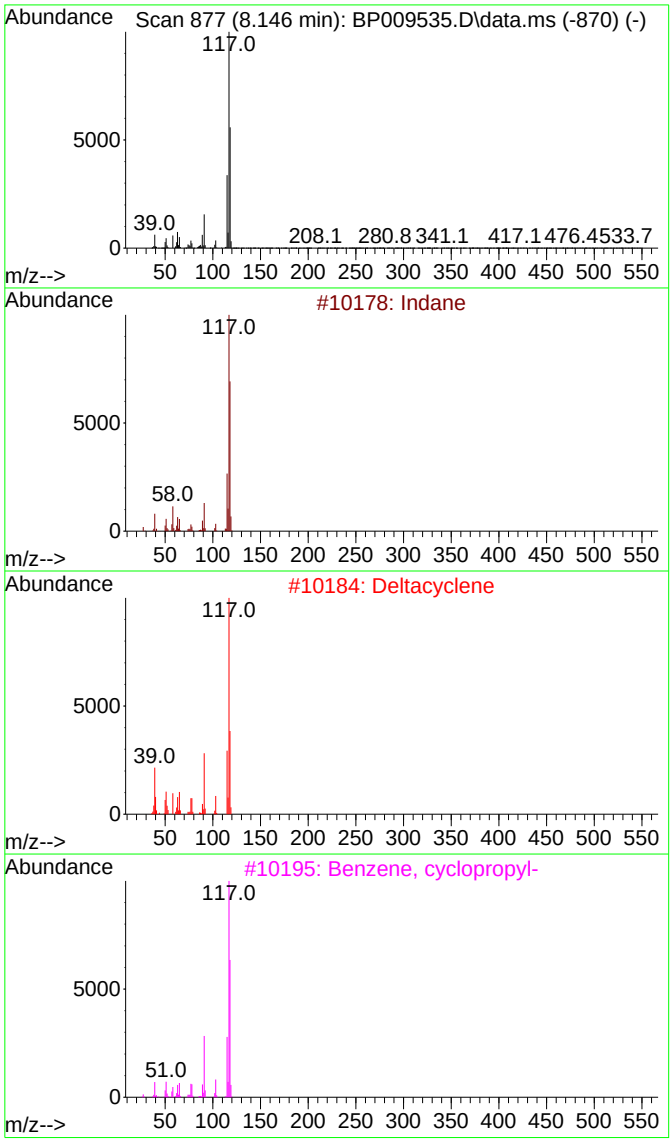
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

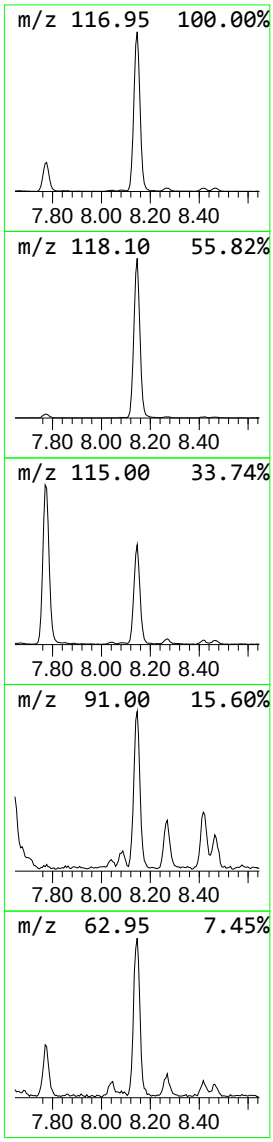
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.146	11.06 ng	891251	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	80
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





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Operator : CG/JU
Sample : N2090-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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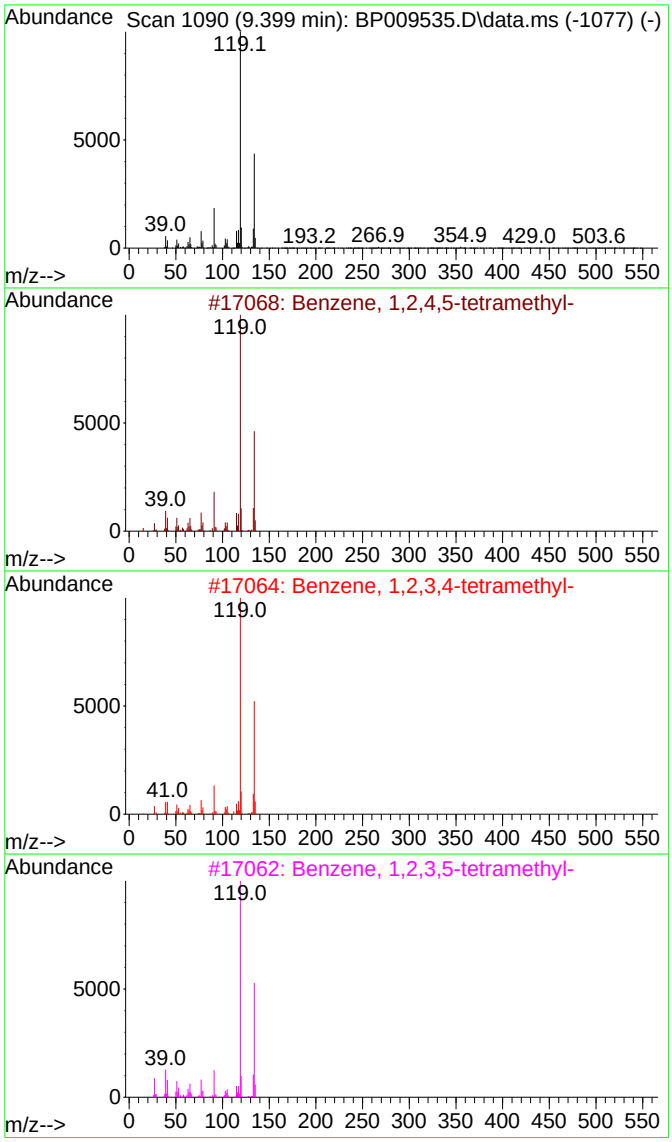
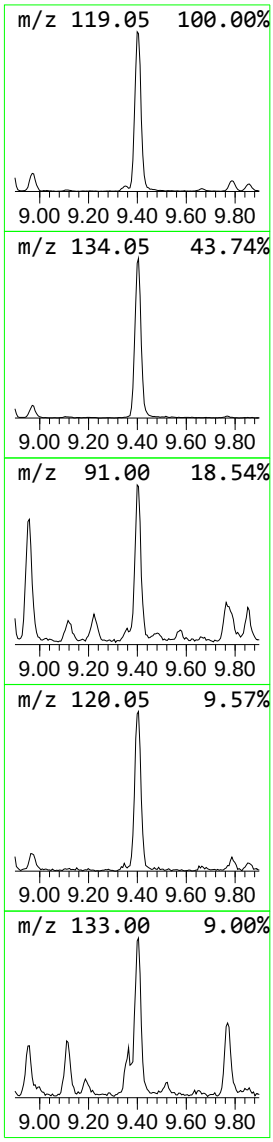
****

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.399	6.26 ng	688309	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





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Operator : CG/JU
Sample : N2090-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-62

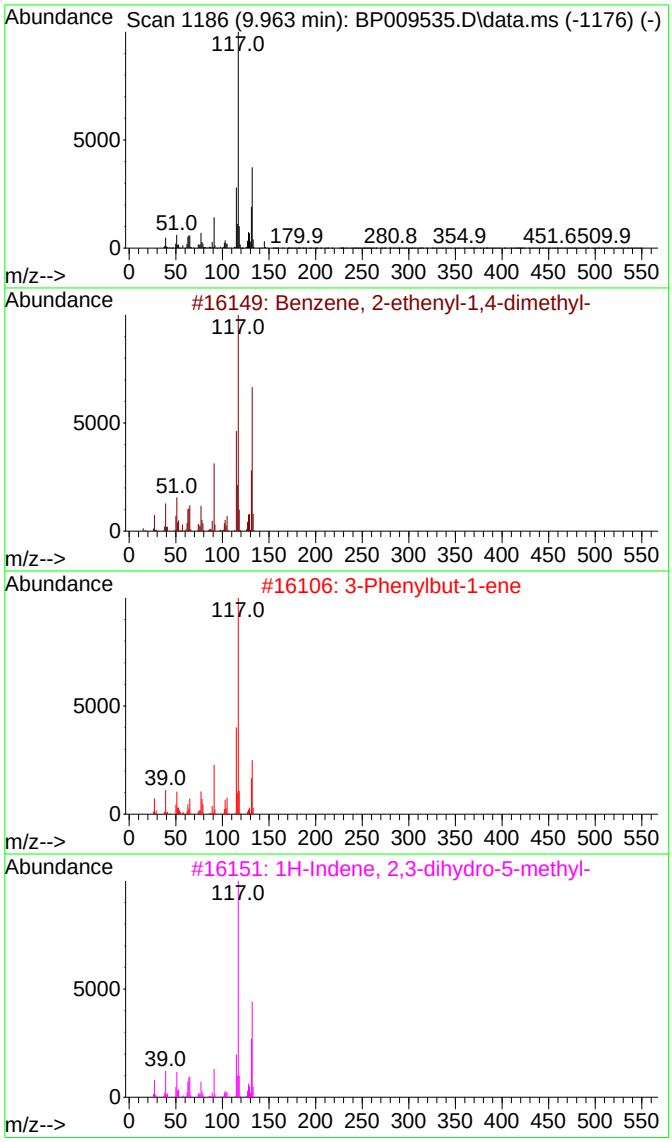
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

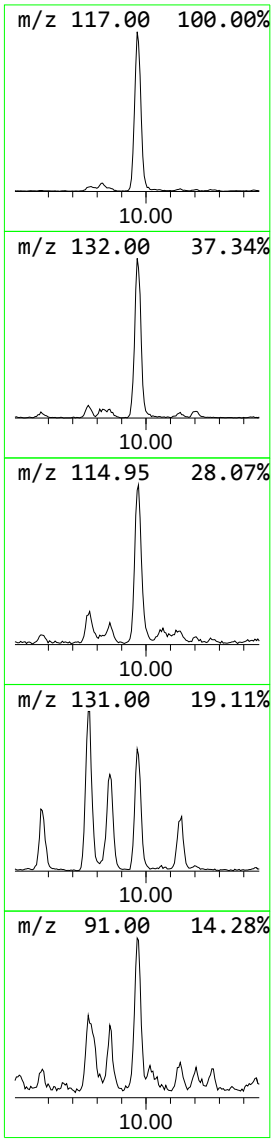
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	4.60 ng	506114	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
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Sample : N2090-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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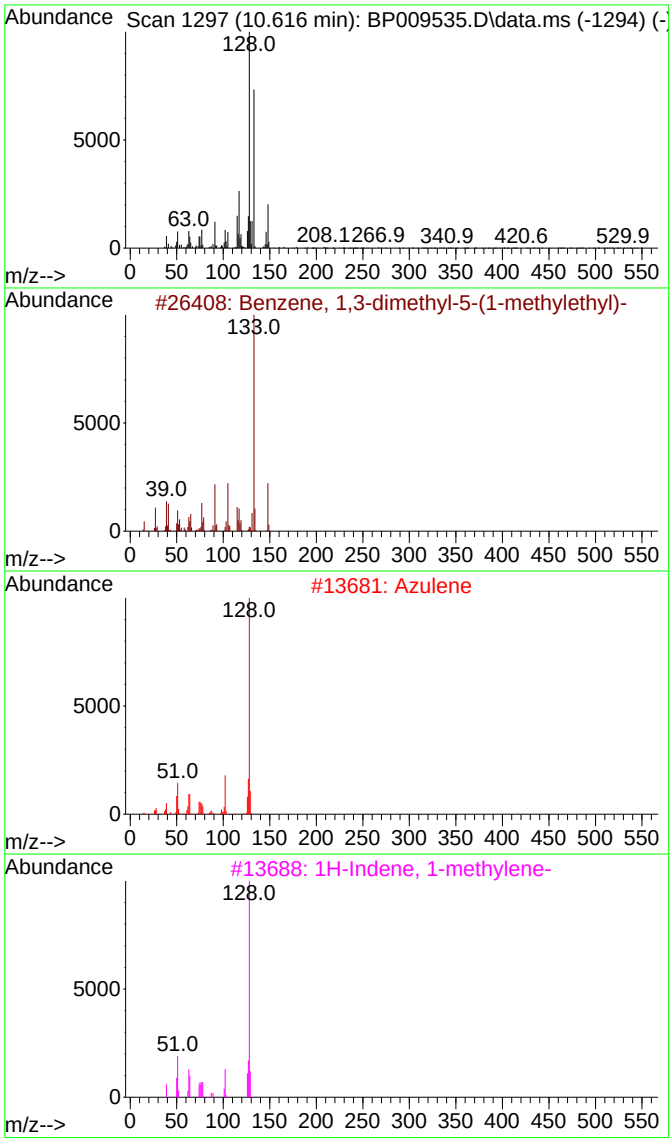
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

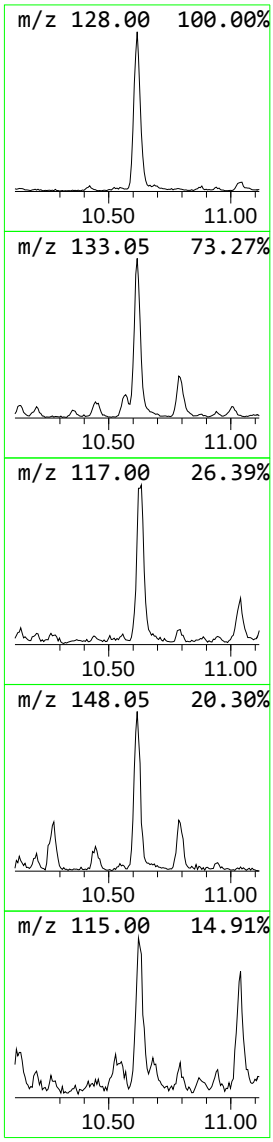
****

Peak Number 5 unknown10.616 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	3.32 ng	365504	Naphthalene-d8	10.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	46
2	Azulene	128	C10H8	000275-51-4	42
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	42
4	Naphthalene	128	C10H8	000091-20-3	42
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	38





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BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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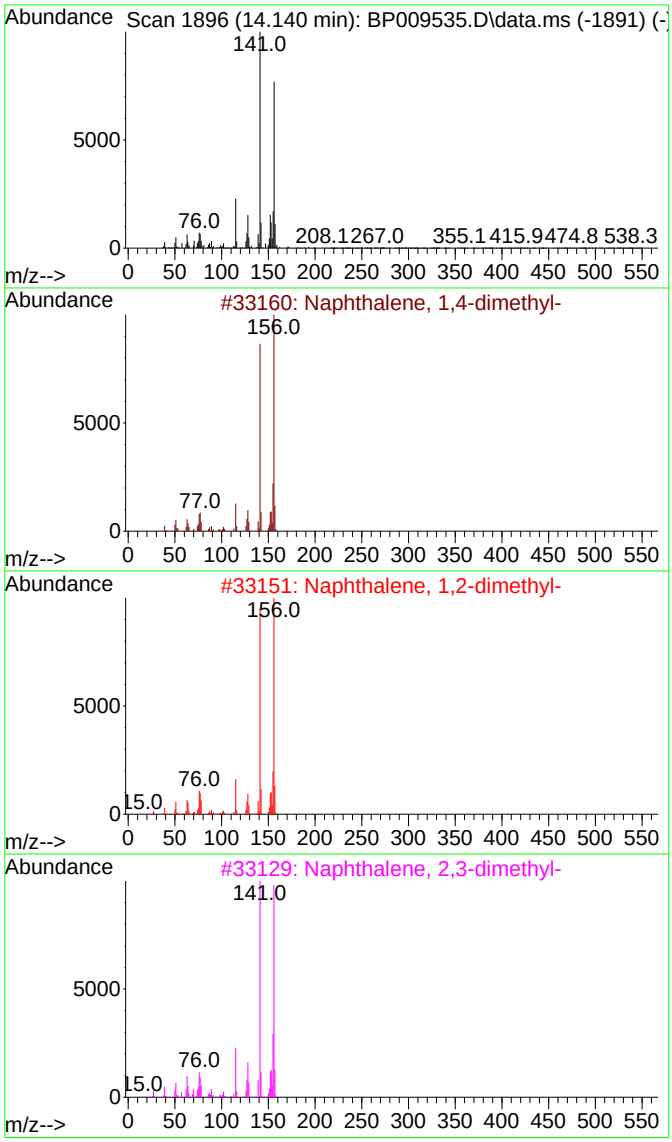
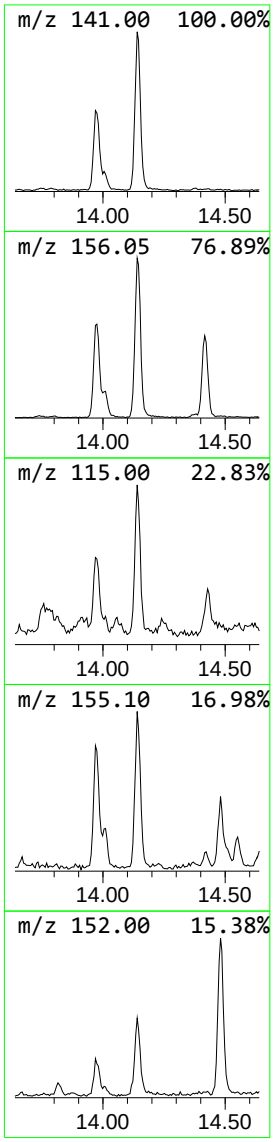
****

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.140	2.41 ng	356182	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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Sample : N2090-18
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

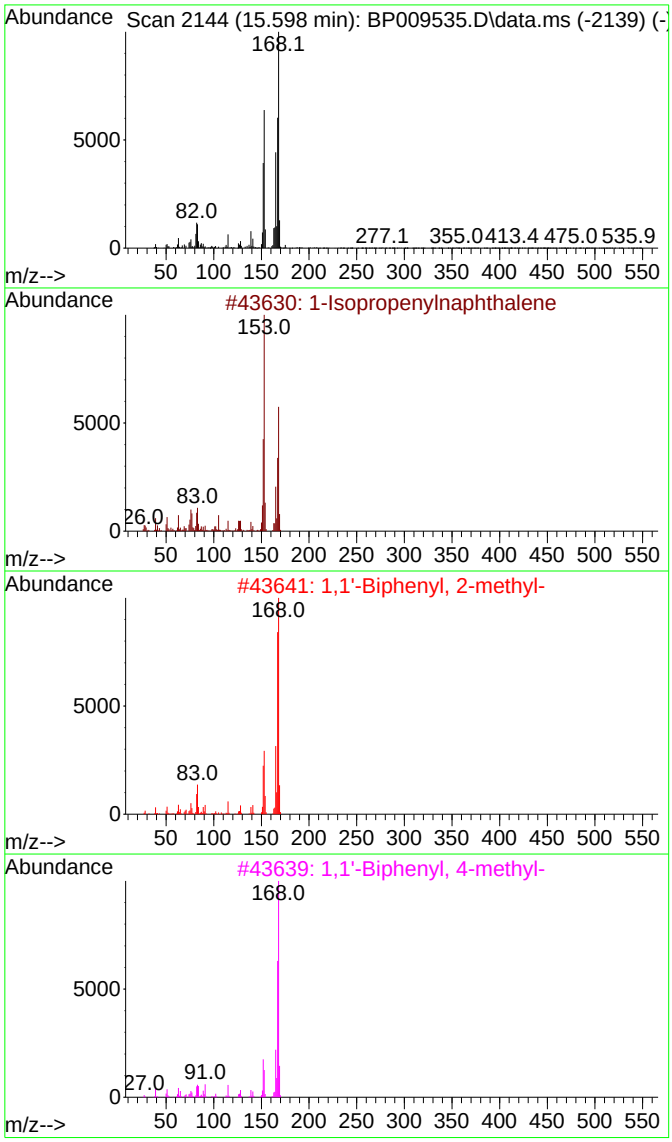
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

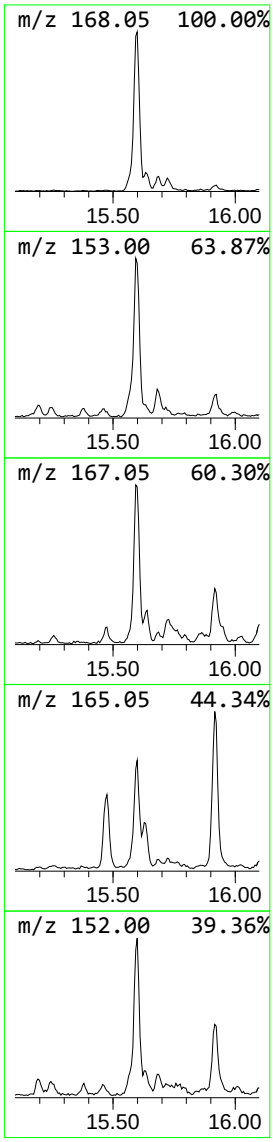
****

Peak Number 7 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.598	2.53 ng	373421	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	62
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
5	2-([1,1'-Biphenyl]-4-yl)-N-(tert...	267	C18H21NO	1001477-17-3	47





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TIC Library : C:\Database\NIST20.L
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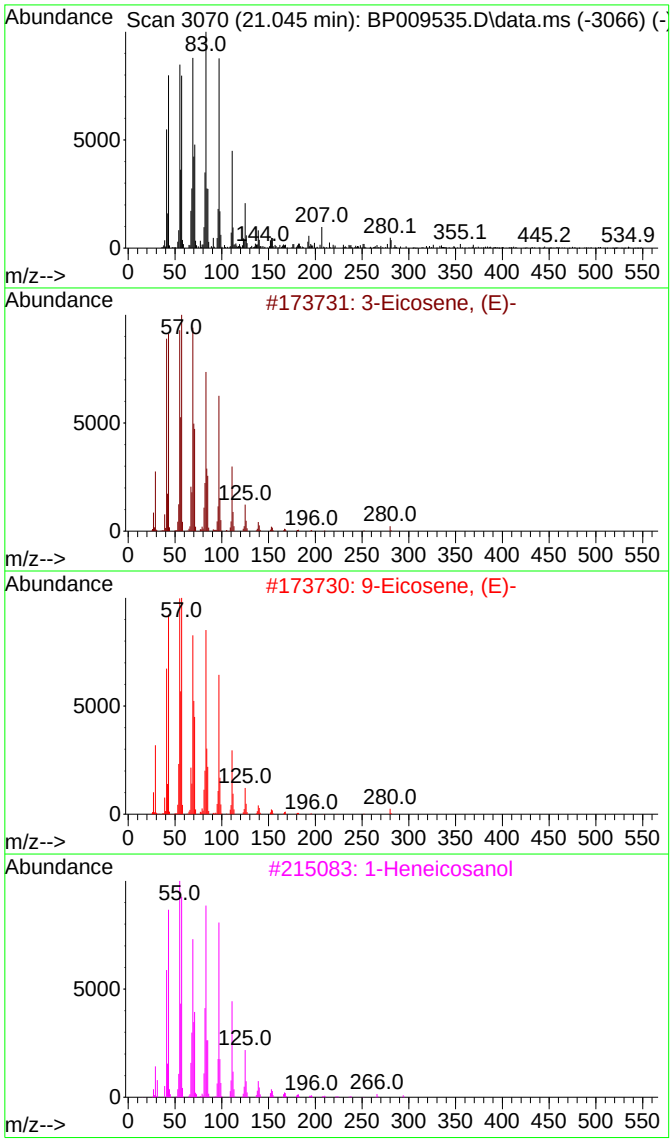
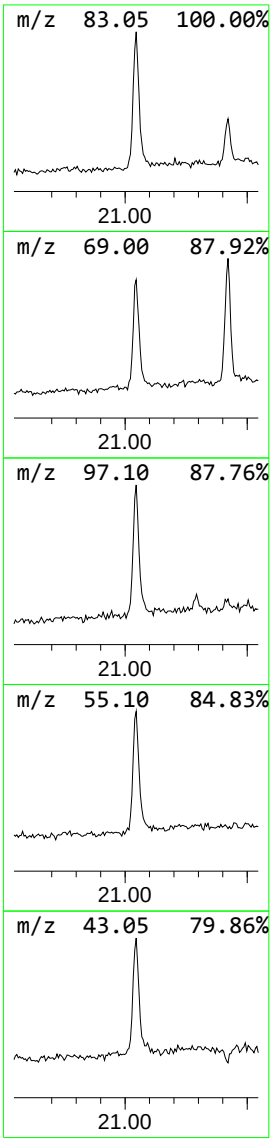
****

Peak Number 8 3-Eicosene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.20 ng	420203	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Operator : CG/JU
Sample : N2090-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-62

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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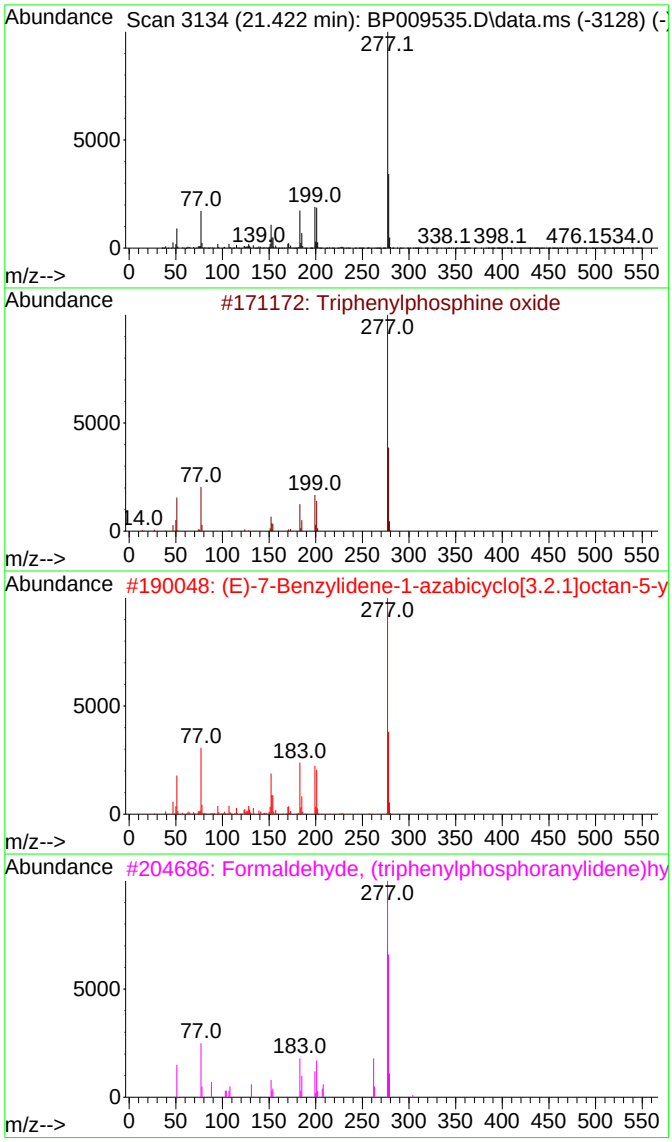
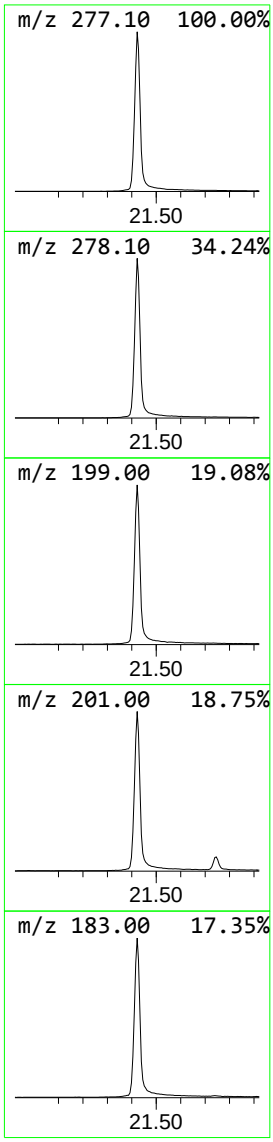
Peak Number 9 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.422	133.62 ng	25482400	Chrysene-d12	21.298

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	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\BP032422\
Data File : BP009535.D
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Sample : N2090-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-62

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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...	3.023	32.4	ng	2608020	1	7.775	1612020	20.0
Indane	8.146	11.1	ng	891251	1	7.775	1612020	20.0
Benzene, 1,2,4,...	9.399	6.3	ng	688309	2	10.563	2200790	20.0
Benzene, 2-ethe...	9.963	4.6	ng	506114	2	10.563	2200790	20.0
unknown10.616	10.616	3.3	ng	365504	2	10.563	2200790	20.0
Naphthalene, 1,...	14.140	2.4	ng	356182	3	14.416	2950720	20.0
1-Isopropenylna...	15.598	2.5	ng	373421	3	14.416	2950720	20.0
3-Eicosene, (E)-	21.045	2.2	ng	420203	5	21.298	3814310	20.0
Triphenylphosph...	21.422	133.6	ng	25482400	5	21.298	3814310	20.0