LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007239.D
Acq On : 28 Sep 2021 19:53
Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RAMB-MW13-GW

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007239.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	319	324	332	rVB	129052	189597	1.50%	0.368%
2	5.381	379	390	396	rBV	68353	128213	1.01%	0.249%
3	5.452	396	402	409	rBV	1582347	2334290	18.41%	4.530%
4	5.510	409	412	415	rBV	98564	150845	1.19%	0.293%
5	5.881	468	475	481	rBV	118097	191390	1.51%	0.371%
6	6.963	653	659	664	rVB	172290	243627	1.92%	0.473%
7	7.052	664	674	679	rVV	909328	1579881	12.46%	3.066%
8	7.099	679	682	689	rVB	126000	188201	1.48%	0.365%
9	7.522	747	754	763	rVB	174499	272662	2.15%	0.529%
10	7.875	807	814	820	rBV	676793	1072635	8.46%	2.081%
11	7.946	820	826	831	rVV	539710	919756	7.25%	1.785%
12	7.987	831	833	841	rVB	102287	162600	1.28%	0.316%
13	8.516	914	923	930	rBV	119528	217573	1.72%	0.422%
14	8.987	996	1003	1006	rBV	111495	186843	1.47%	0.363%
15	9.040	1006	1012	1024	rVB	1983312	3416298	26.94%	6.629%
16	10.081	1183	1189	1197	rVB5	67496	131396	1.04%	0.255%
17	10.681	1279	1291	1296	rBV	846423	1500580	11.83%	2.912%
18	10.728	1296	1299	1306	rVB	155298	246657	1.95%	0.479%
19	12.069	1520	1527	1536	rBV	286597	489166	3.86%	0.949%
20	12.322	1564	1570	1579	rBV2	101303	210631	1.66%	0.409%
21	12.975	1676	1681	1691	rVB	145405	237228	1.87%	0.460%
22	13.139	1701	1709	1720	rBV	5438877	8143564	64.22%	15.802%
23	13.687	1798	1802	1812	rVB	143933	220981	1.74%	0.429%
24	14.510	1933	1942	1956	rBV	1323563	2001661	15.79%	3.884%
25	16.004	2189	2196	2213	rVB	4576008	6461177	50.95%	12.538%
26	17.263	2404	2410	2423	rVB	1608609	2283990	18.01%	4.432%
27	18.151	2556	2561	2570	rBV	172291	257792	2.03%	0.500%
28	19.380	2767	2770	2779	rBV3	80453	128996	1.02%	0.250%
29	19.821	2839	2845	2850	rBV	10290048	12680523	100.00%	24.606%
30	21.057	3052	3055	3061	rBV	191375	224061	1.77%	0.435%
31	21.351	3100	3105	3112	rBV	1857736	2437331	19.22%	4.730%
32	23.762	3509	3515	3524	rVB2	1289651	2623293	20.69%	5.090%

Sum of corrected areas: 51533438

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
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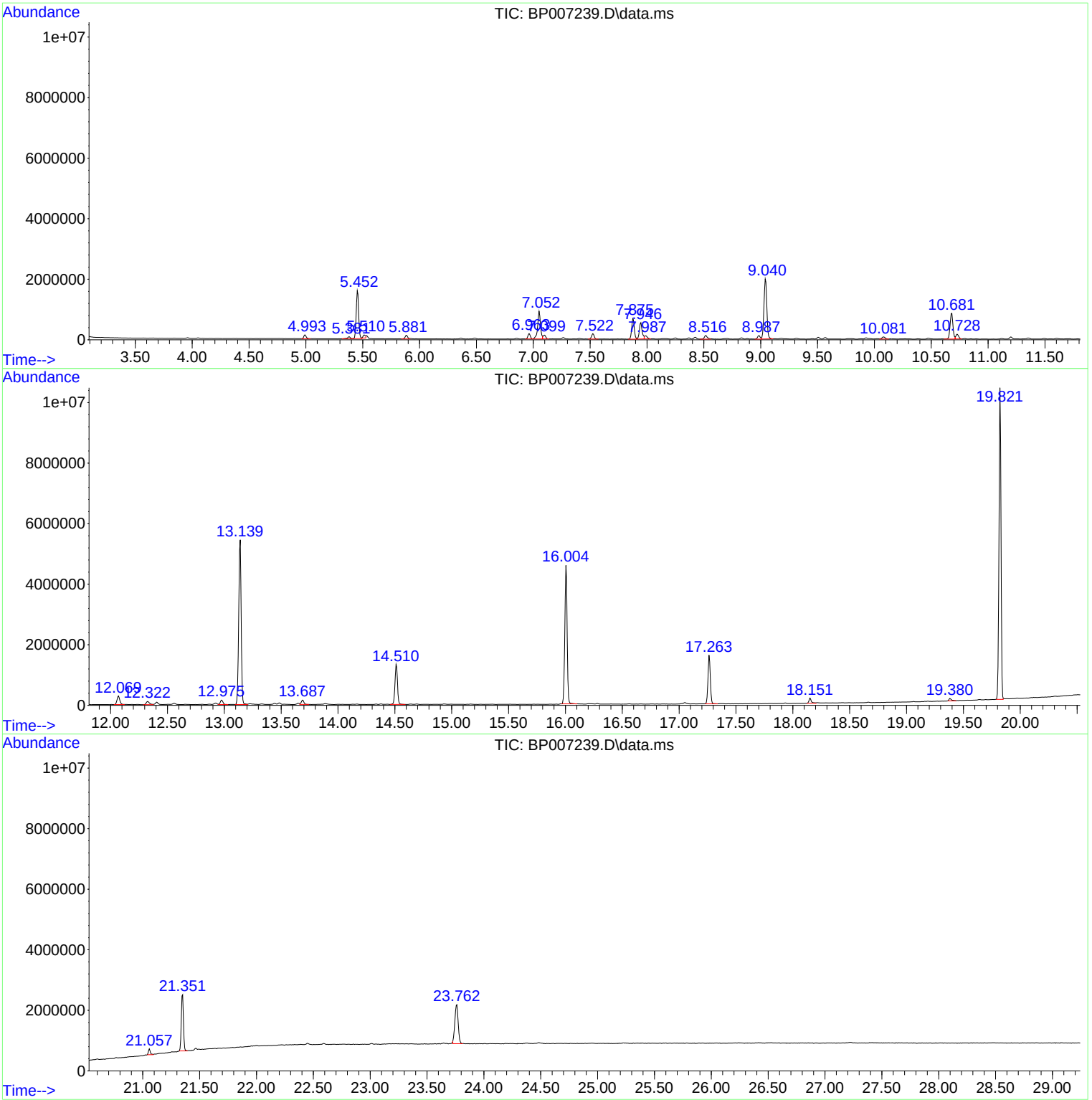
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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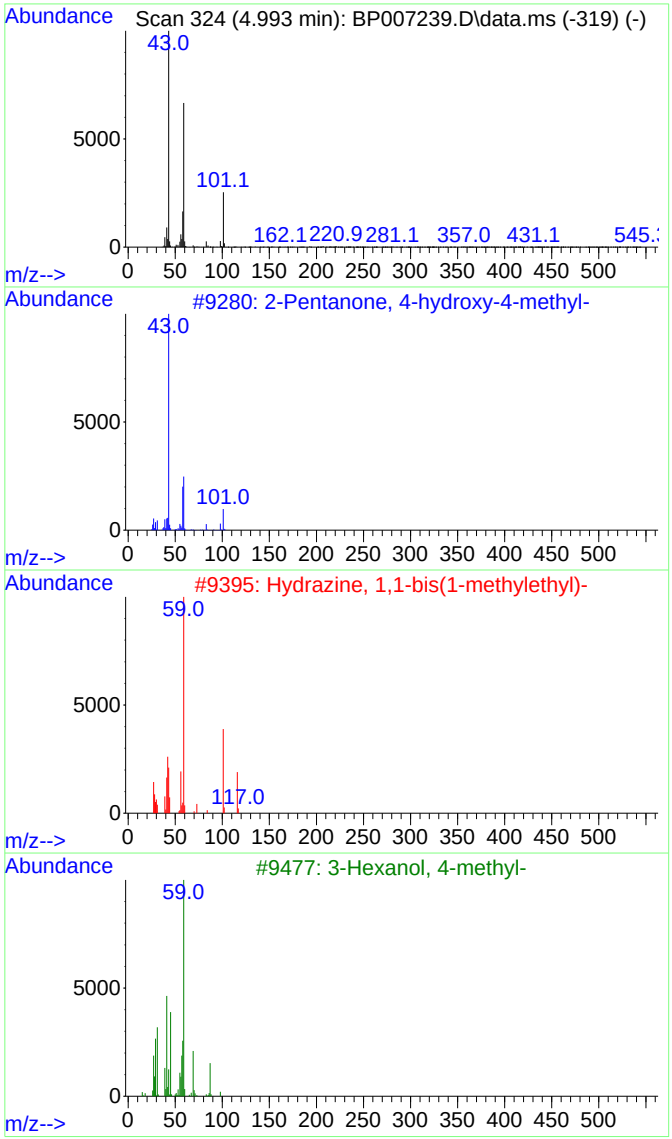
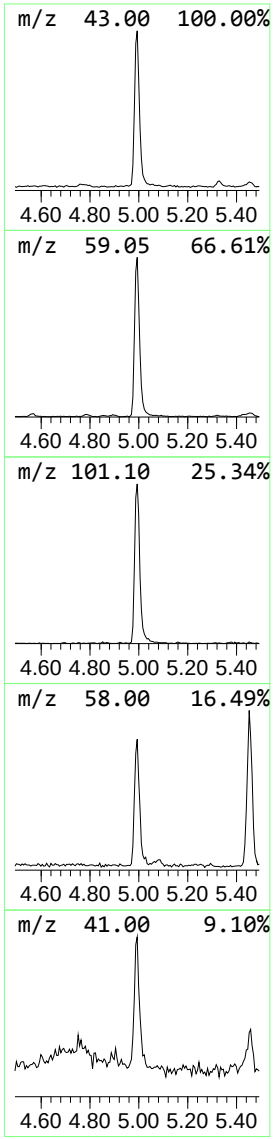
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.993	3.54 ng	189597	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5	Tripropylene glycol, propyl ethe...	348	C18H40O4Si	1000367-07-2	25





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Data File : BP007239.D
Acq On : 28 Sep 2021 19:53
Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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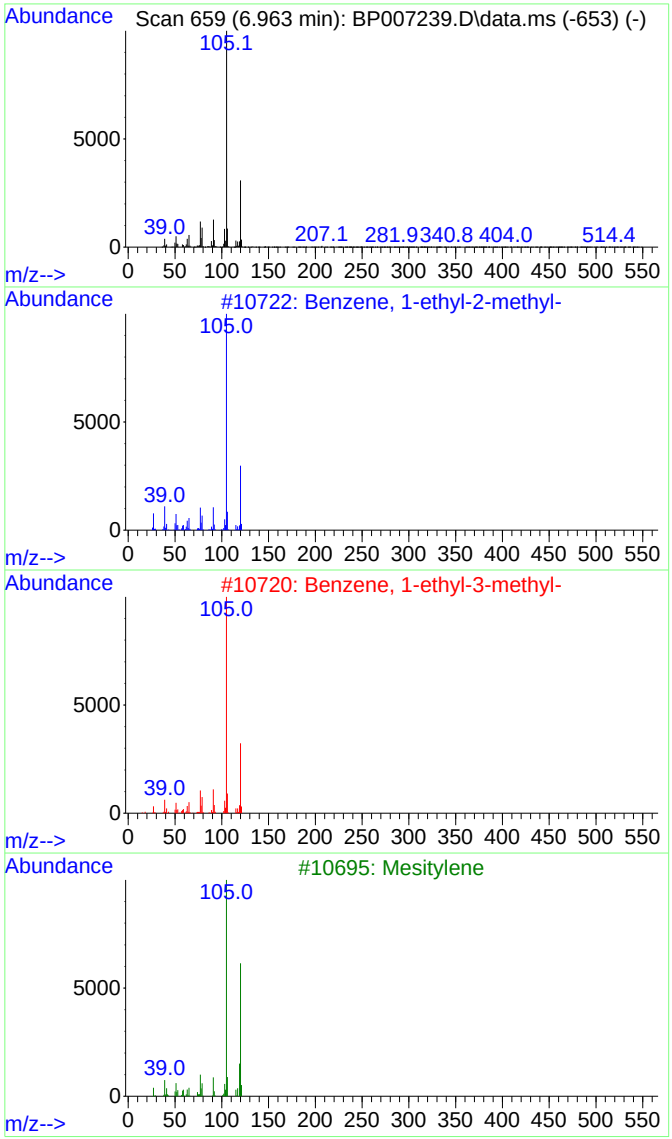
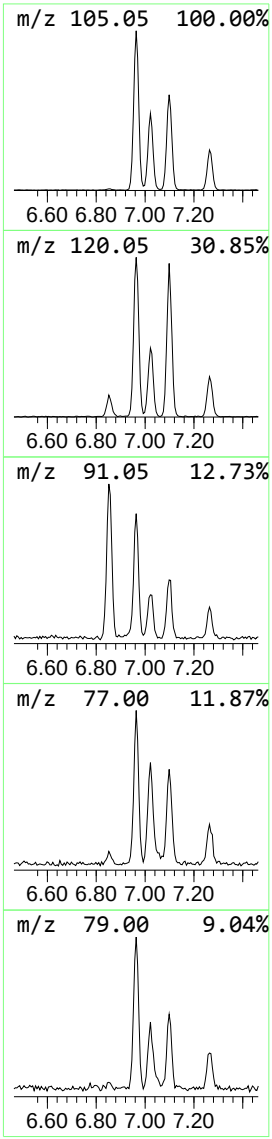
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	4.54 ng	243627	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007239.D
Acq On : 28 Sep 2021 19:53
Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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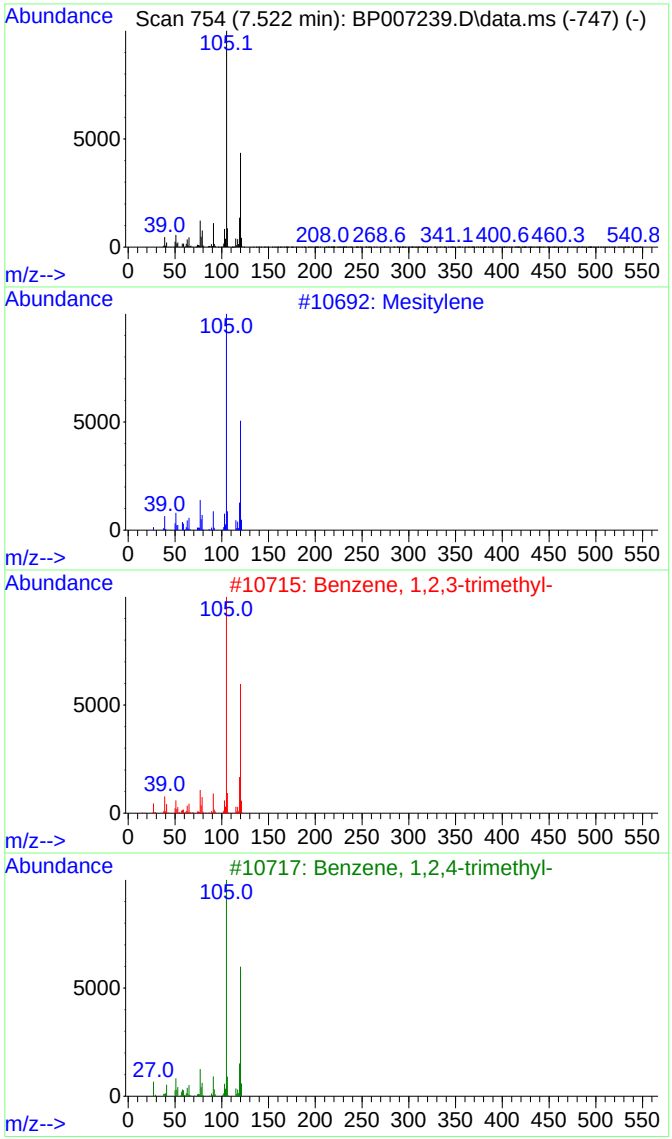
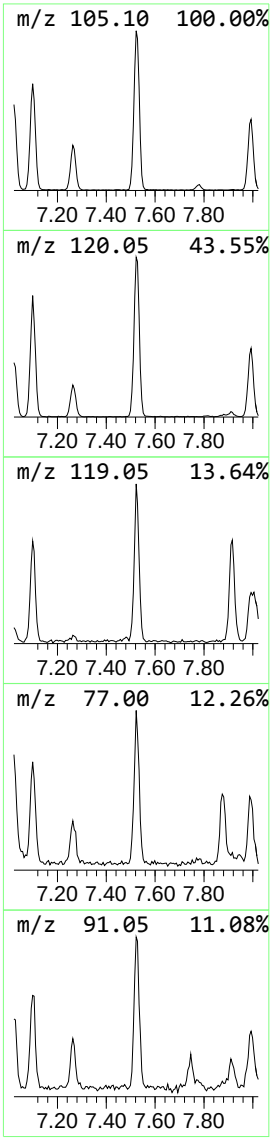
Peak Number 6 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.522	5.08 ng	272662	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Acq On : 28 Sep 2021 19:53
Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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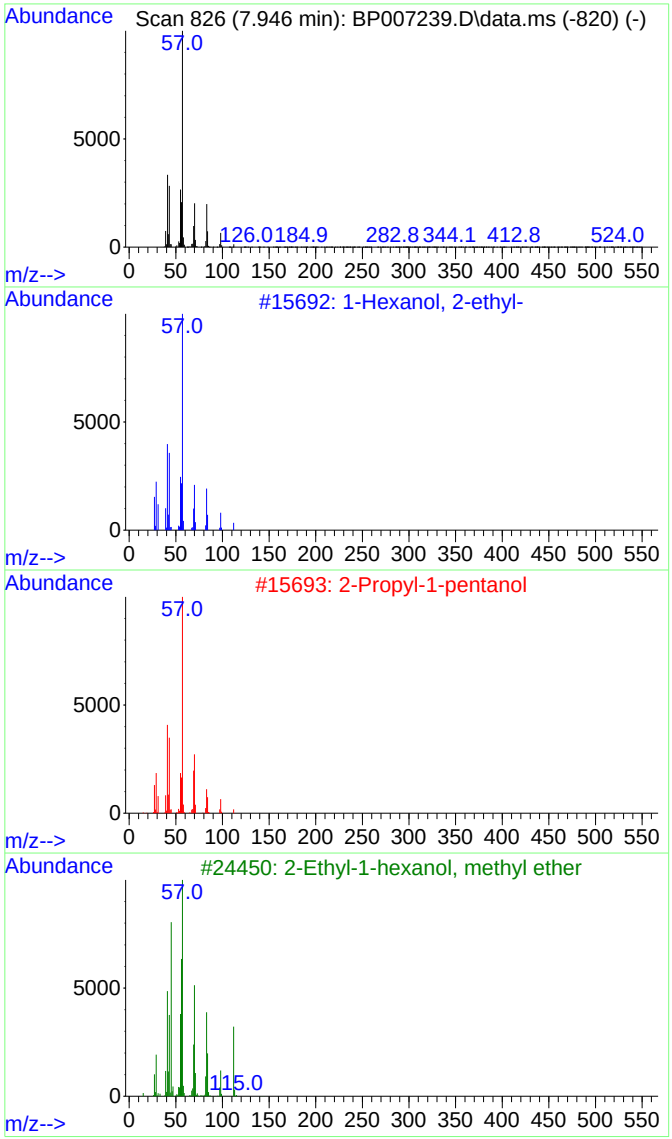
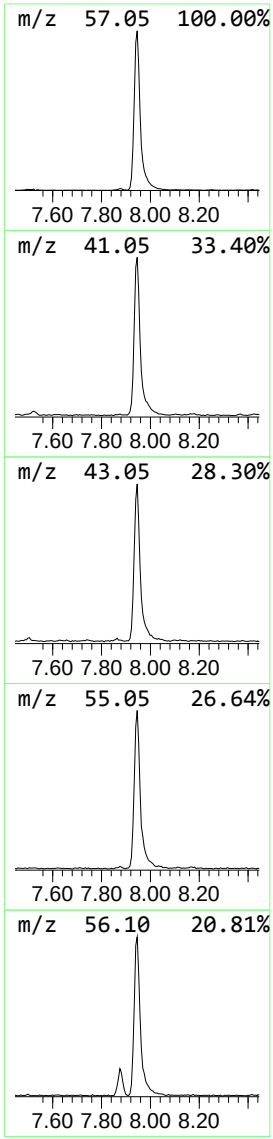
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.946	17.15 ng	919756	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
3	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	47
4	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	43
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007239.D
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Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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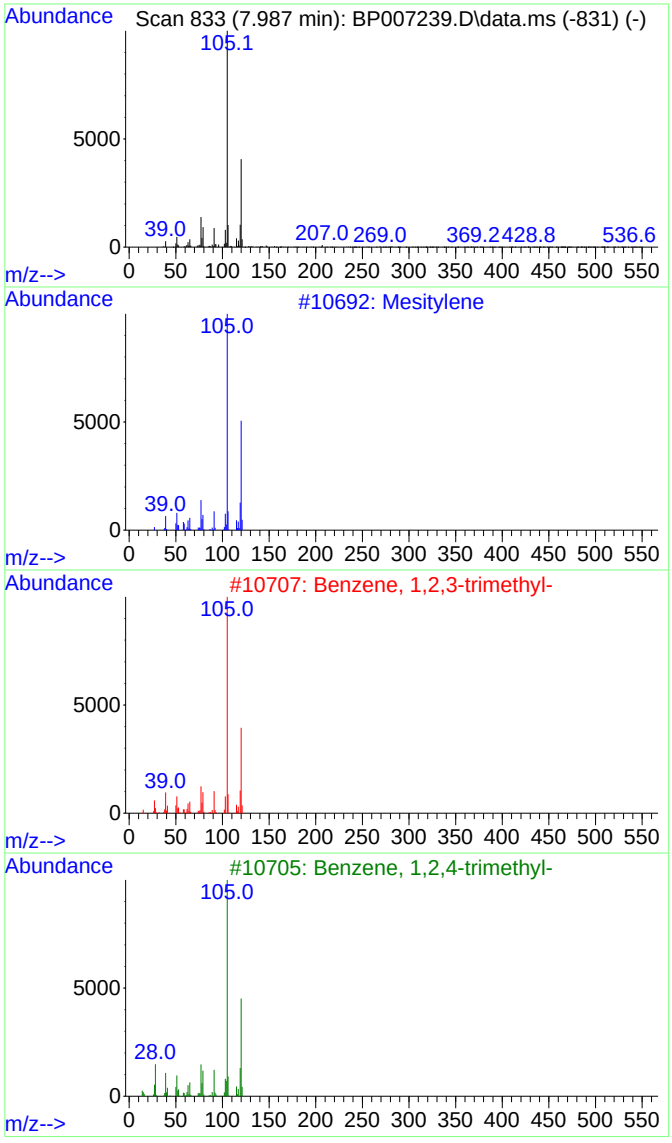
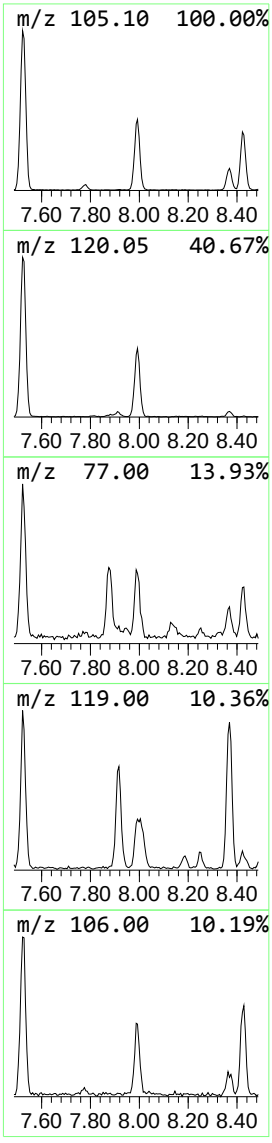
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.987	3.03 ng	162600	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007239.D
Acq On : 28 Sep 2021 19:53
Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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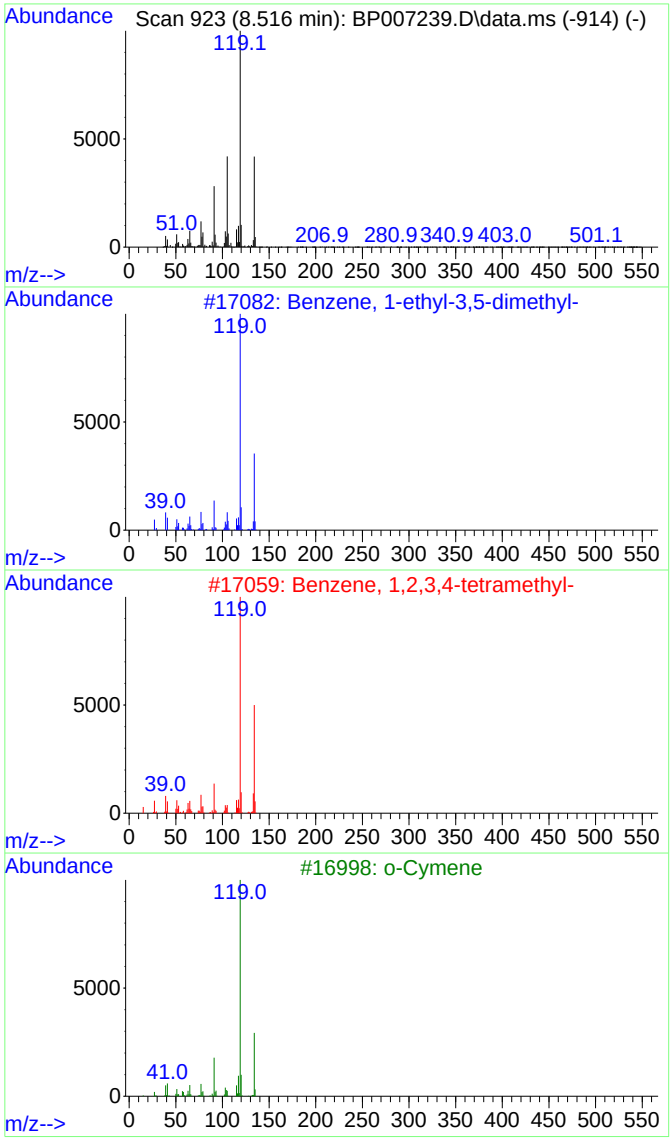
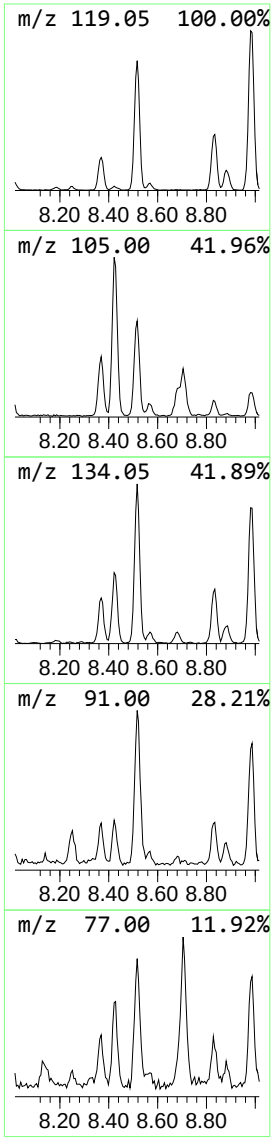
Peak Number 9 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	4.06 ng	217573	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Data File : BP007239.D
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Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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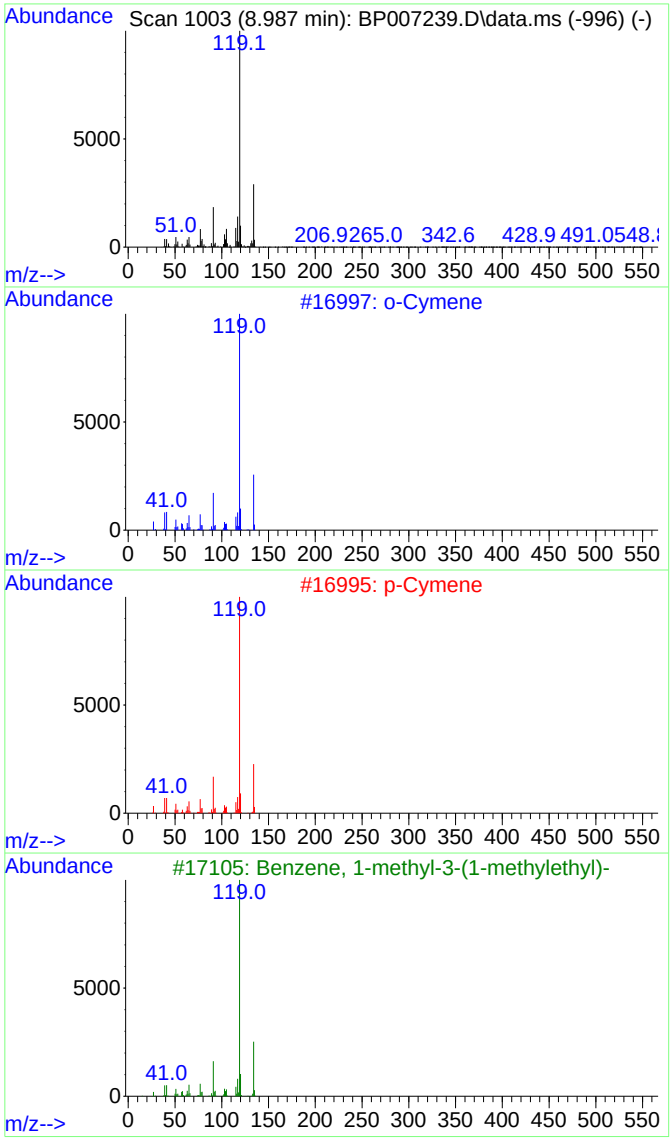
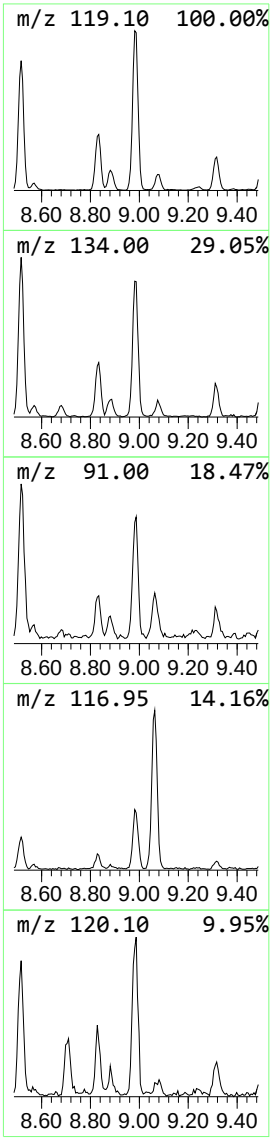
Peak Number 10 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.987	3.48 ng	186843	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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

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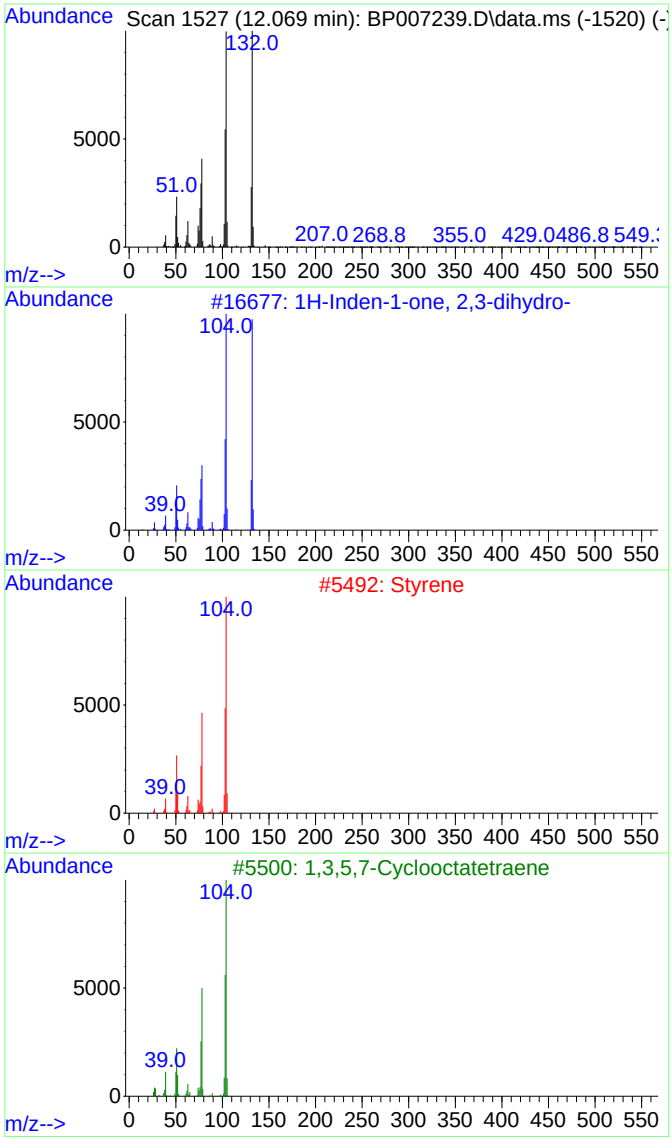
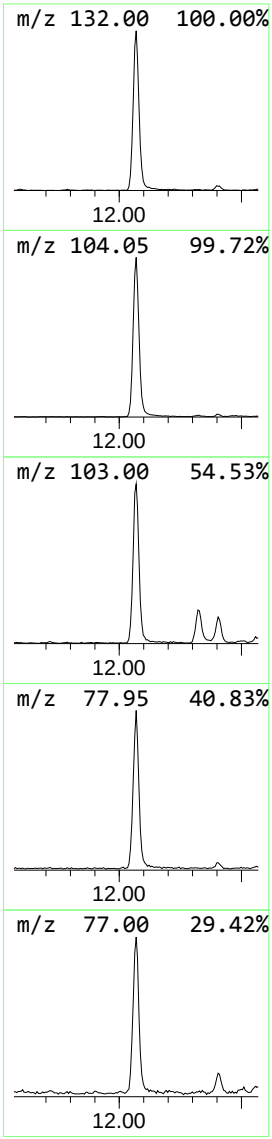
Peak Number 11 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	6.52 ng	489166	Naphthalene-d8	10.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	98
2	Styrene	104	C8H8	000100-42-5	91
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	60
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007239.D
Acq On : 28 Sep 2021 19:53
Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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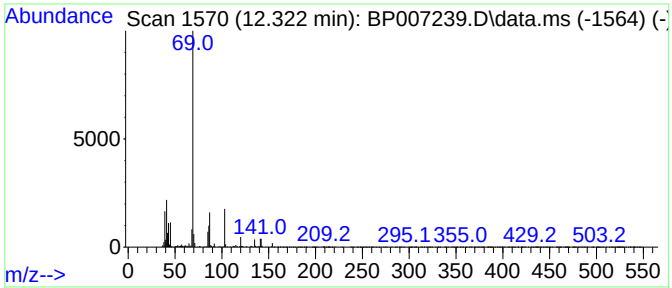
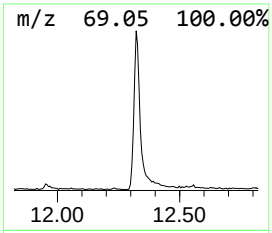
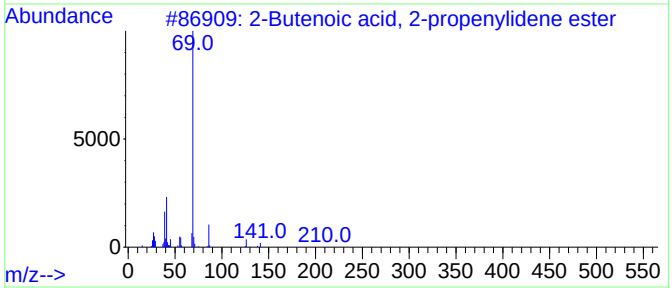
Peak Number 12 unknown12.322 Concentration Rank 11

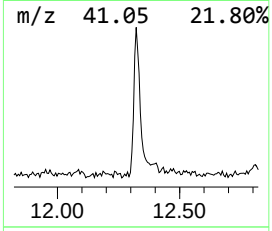
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.322	2.81 ng	210631	Naphthalene-d8	10.681

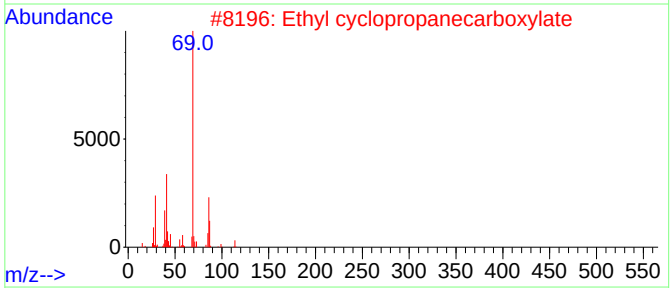
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	38
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	36
3	2-Butenoic acid, methyl ester	100	C5H8O2	018707-60-3	25
4	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	25
5	2-Methylallyl methacrylate	140	C8H12O2	000816-74-0	9

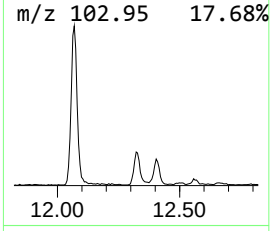


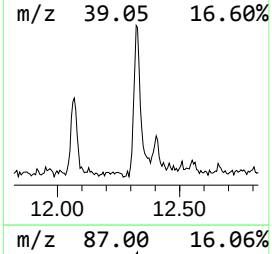


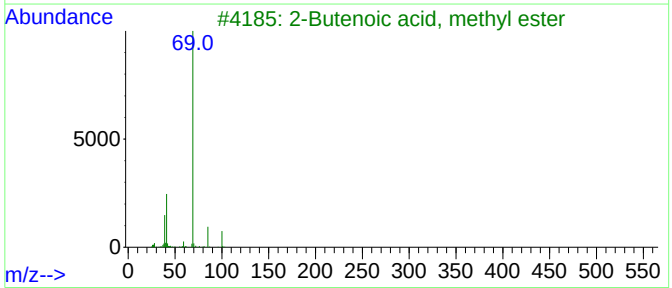


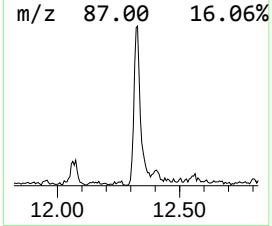












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007239.D
Acq On : 28 Sep 2021 19:53
Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

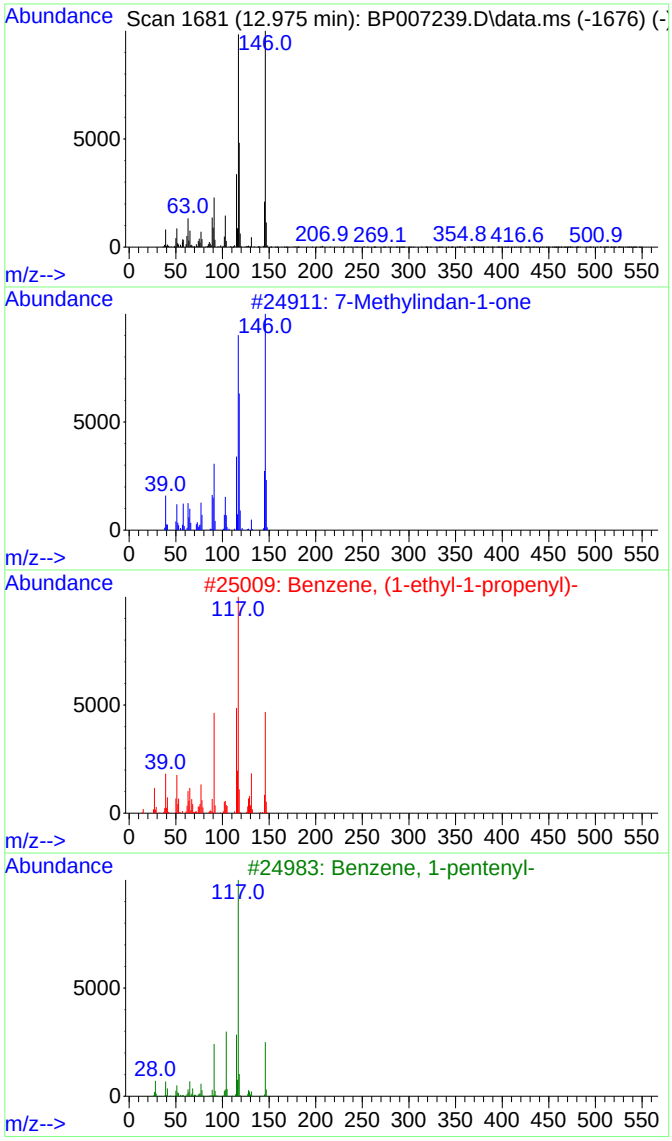
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

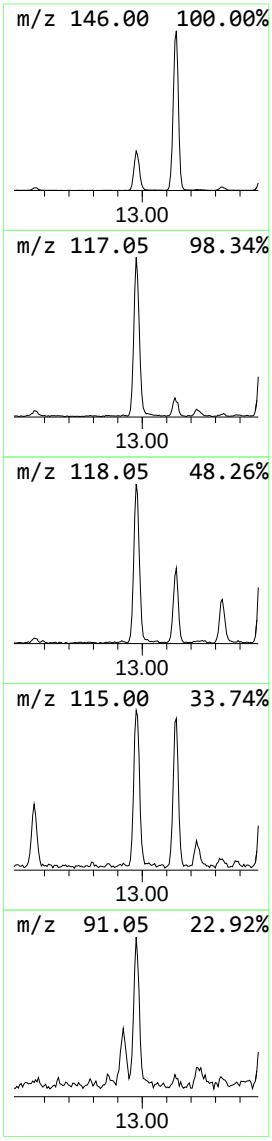
****

Peak Number 13 7-Methylindan-1-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.975	2.37 ng	237228	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	76
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	68
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
4	Indane	118	C9H10	000496-11-7	46
5	2-Hydroxy-1,7-naphthyridine	146	C8H6N2O	054920-82-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007239.D
Acq On : 28 Sep 2021 19:53
Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW13-GW

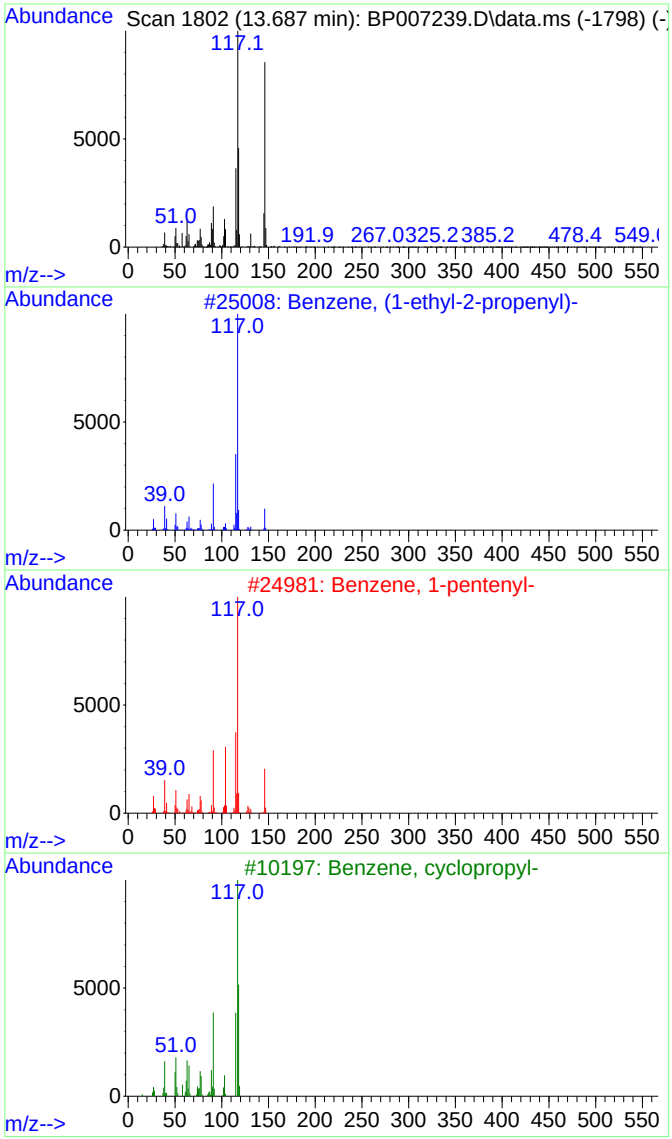
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

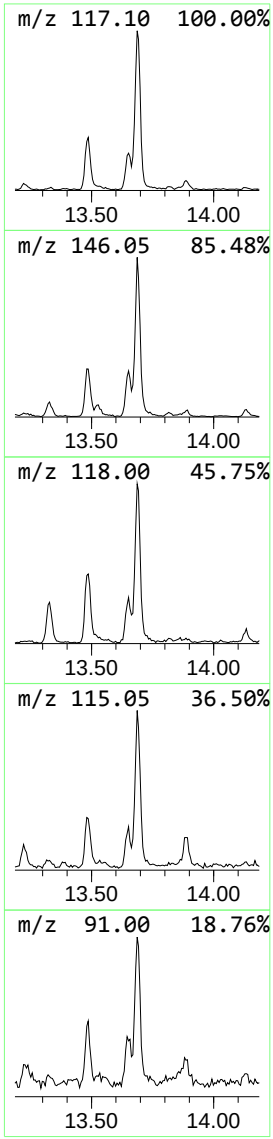
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.687	2.21 ng	220981	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	76
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
4	1H-Indol-4-ylmethylamine	146	C9H10N2	003468-18-6	53
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007239.D
Acq On : 28 Sep 2021 19:53
Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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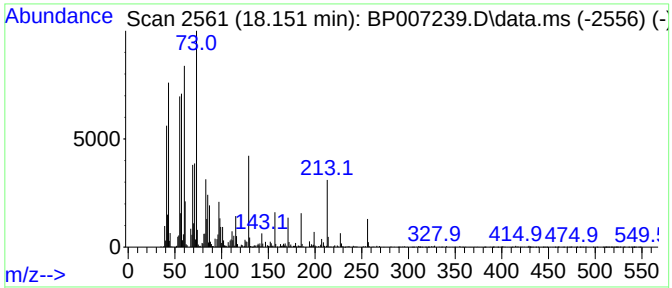
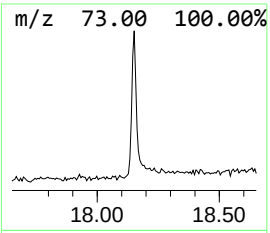
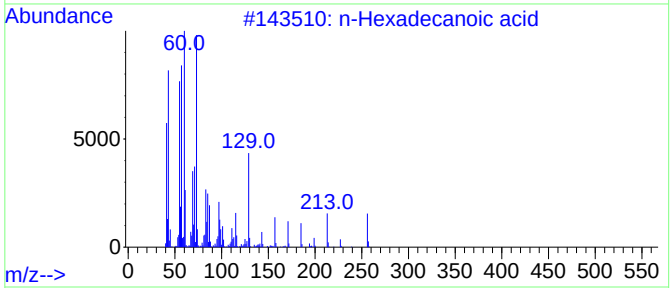
Peak Number 15 n-Hexadecanoic acid Concentration Rank 14

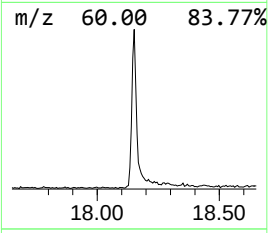
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	2.26 ng	257792	Phenanthrene-d10	17.263

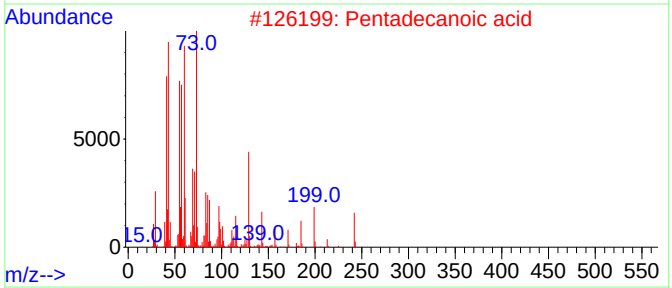
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	83

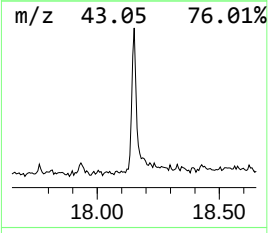


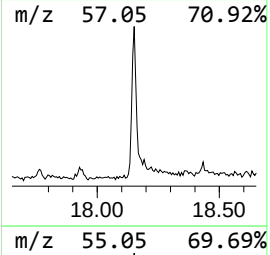


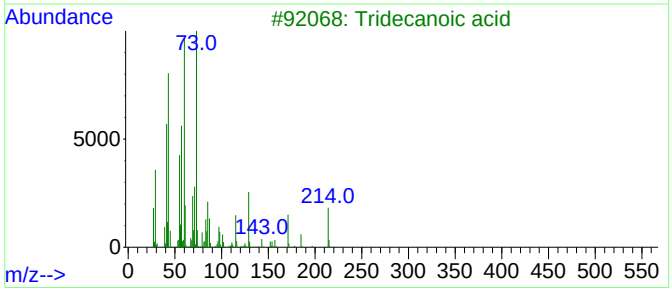


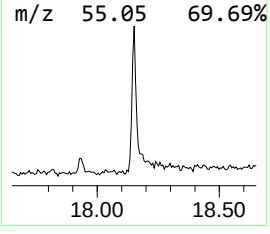












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007239.D
Acq On : 28 Sep 2021 19:53
Operator : CG/JU
Sample : M3960-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RAMB-MW13-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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
2-Pentanone, 4-...	4.993	3.5	ng	189597	1	7.875	1072640	20.0
Benzene, 1-ethy...	6.963	4.5	ng	243627	1	7.875	1072640	20.0
Mesitylene	7.522	5.1	ng	272662	1	7.875	1072640	20.0
1-Hexanol, 2-et...	7.946	17.1	ng	919756	1	7.875	1072640	20.0
Benzene, 1,2,3-...	7.987	3.0	ng	162600	1	7.875	1072640	20.0
Benzene, 1-ethy...	8.516	4.1	ng	217573	1	7.875	1072640	20.0
o-Cymene	8.987	3.5	ng	186843	1	7.875	1072640	20.0
1H-Inden-1-one,...	12.069	6.5	ng	489166	2	10.681	1500580	20.0
unknown12.322	12.322	2.8	ng	210631	2	10.681	1500580	20.0
7-Methylindan-1...	12.975	2.4	ng	237228	3	14.510	2001660	20.0
Benzene, (1-eth...	13.687	2.2	ng	220981	3	14.510	2001660	20.0
n-Hexadecanoic ...	18.151	2.3	ng	257792	4	17.263	2283990	20.0