LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

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_M\Methods\8270-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033310.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.660	52	55	64	rVB	75593	103915	1.41%	0.308%
2	5.043	285	290	299	rVB	131739	203724	2.77%	0.604%
3	5.513	363	370	379	rBV	1068806	1629643	22.12%	4.835%
4	7.101	628	640	652	rBV	596751	1069129	14.51%	3.172%
5	7.307	669	675	681	rVB	77462	123140	1.67%	0.365%
6	7.566	709	719	727	rBV	96308	163788	2.22%	0.486%
7	7.925	771	780	792	rBV	481760	793087	10.77%	2.353%
8	8.295	835	843	851	rBV	227497	374029	5.08%	1.110%
9	9.025	960	967	971	rBV	84889	146416	1.99%	0.434%
10	9.090	971	978	987	rVB	1646873	2900096	39.37%	8.604%
11	9.542	1049	1055	1060	rBV	47819	74771	1.02%	0.222%
12	9.601	1060	1065	1072	rVB	79073	126100	1.71%	0.374%
13	9.966	1122	1127	1135	rVB	45738	79443	1.08%	0.236%
14	10.113	1141	1152	1160	rBV2	104876	203878	2.77%	0.605%
15	10.495	1211	1217	1226	rBV	143750	254377	3.45%	0.755%
16	10.719	1243	1255	1260	rBV	601150	1083077	14.70%	3.213%
17	10.772	1260	1264	1270	rVB	175922	299837	4.07%	0.890%
18	12.595	1566	1574	1584	rBV	77681	152940	2.08%	0.454%
19	13.013	1640	1645	1650	rBV	53546	76132	1.03%	0.226%
20	13.172	1663	1672	1682	rBV	3479503	5247775	71.24%	15.569%
21	13.283	1684	1691	1698	rVV3	167116	291850	3.96%	0.866%
22	14.548	1897	1906	1918	rBV	847810	1357848	18.43%	4.028%
23	16.036	2152	2159	2177	rBV	2567665	4041668	54.87%	11.991%
24	17.289	2365	2372	2383	rBV	976341	1521224	20.65%	4.513%
25	18.165	2517	2521	2530	rBV	152561	260830	3.54%	0.774%
26	19.442	2734	2738	2745	rBV	102526	177116	2.40%	0.525%
27	19.895	2809	2815	2825	rBV	5874839	7366540	100.00%	21.855%
28	21.142	3025	3027	3031	rBV2	76242	88585	1.20%	0.263%
29	21.448	3074	3079	3085	rBV	1304822	1748552	23.74%	5.188%
30	23.777	3470	3475	3483	rVB2	896580	1746867	23.71%	5.183%

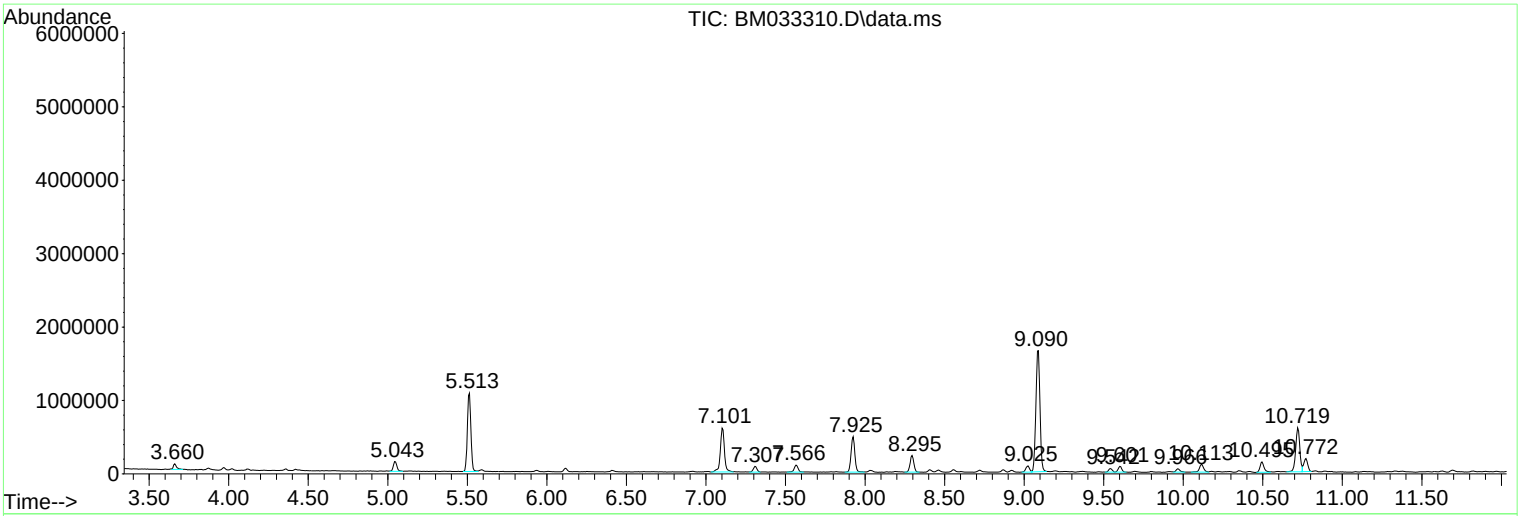
Sum of corrected areas: 33706377

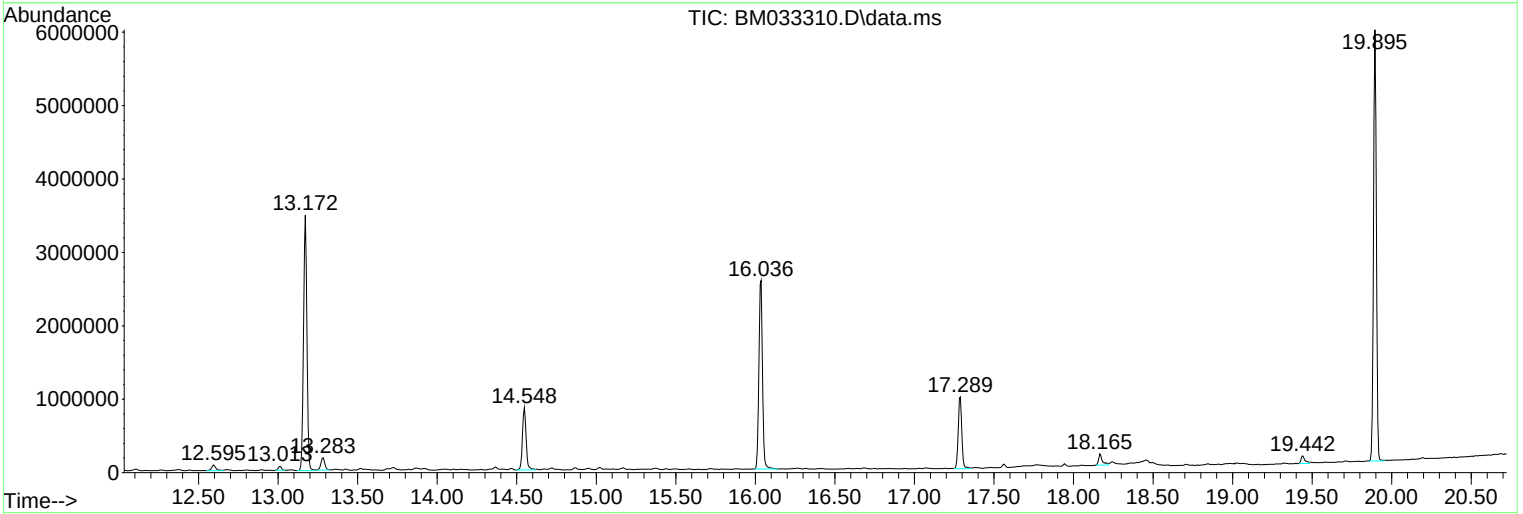
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

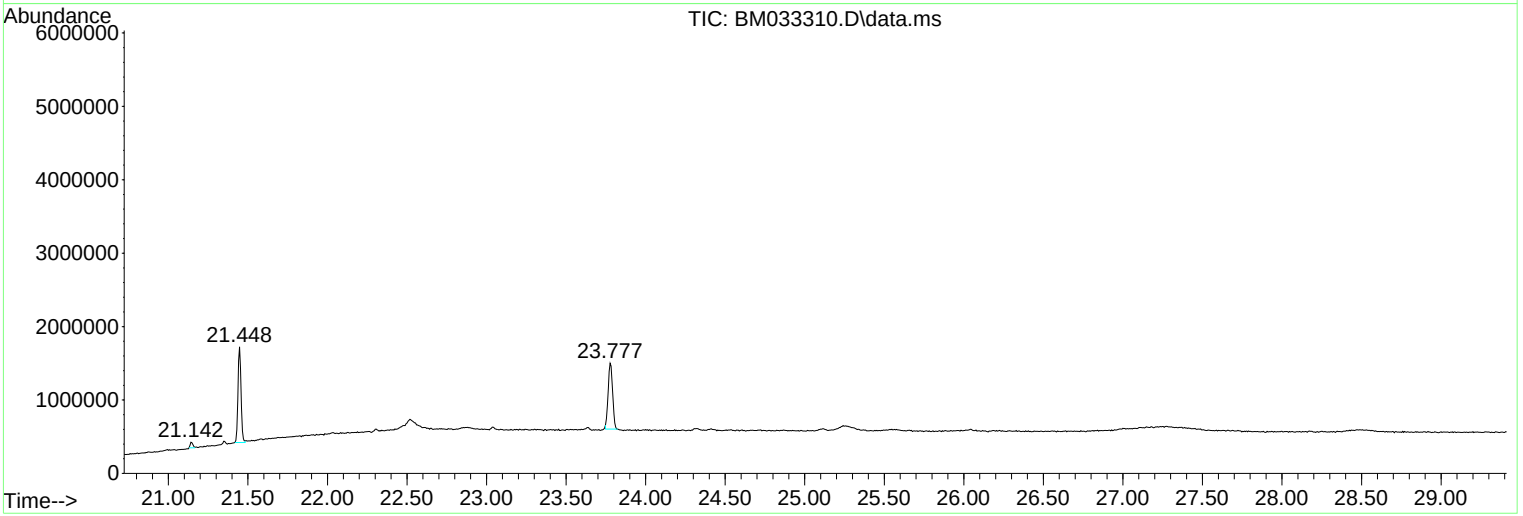
Instrument :
BNA_M
ClientSampleId :
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

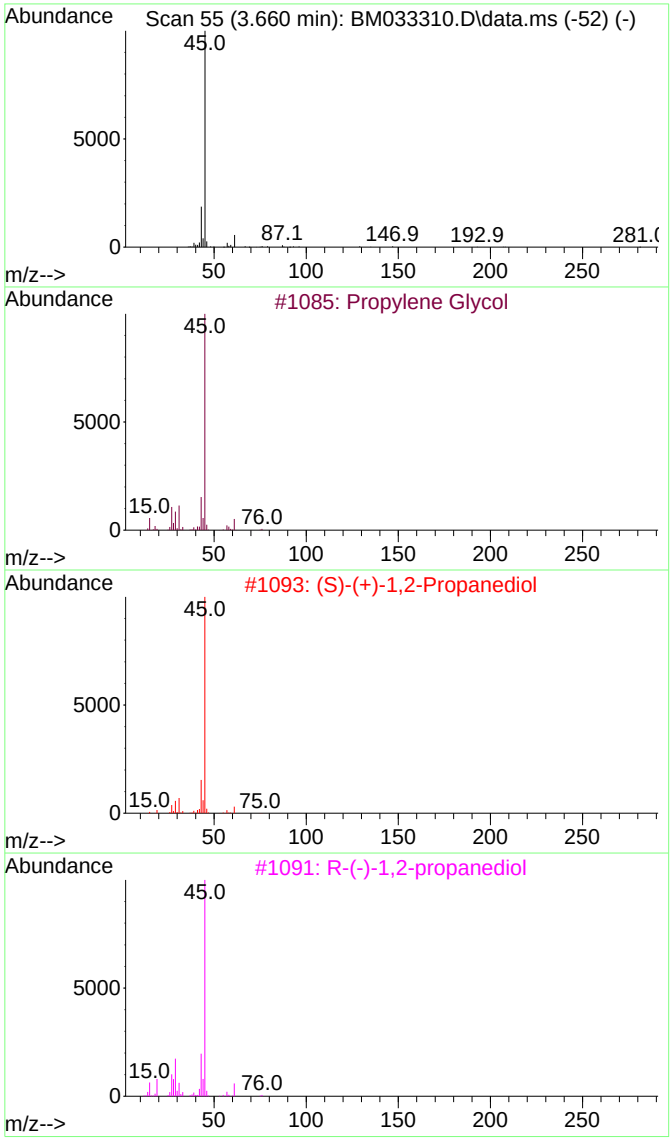
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

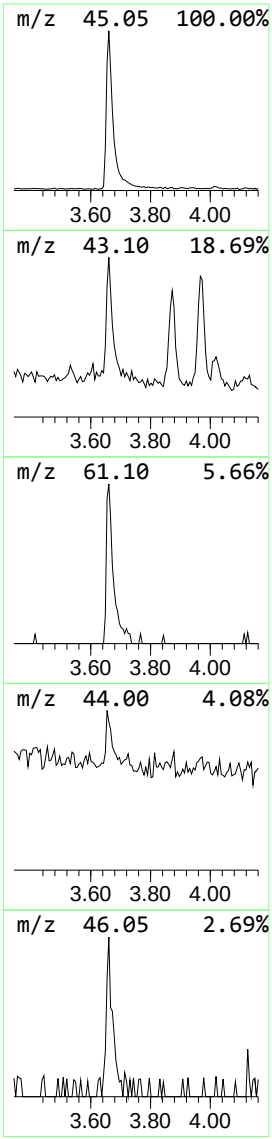
****

Peak Number 1 Propylene Glycol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.660	2.62 ng	103915	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	72
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	39
4	2-Hydrazinoethanol	76	C2H8N2O	000109-84-2	9
5	(2R,4R)-(-)-Pentanediol	104	C5H12O2	042075-32-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

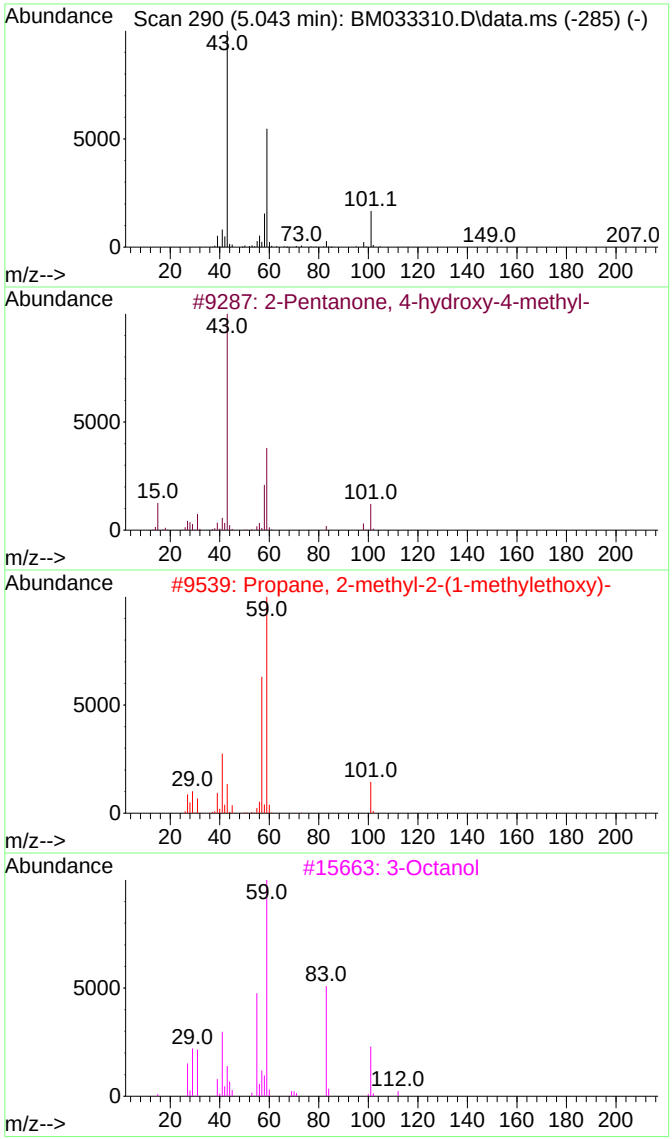
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

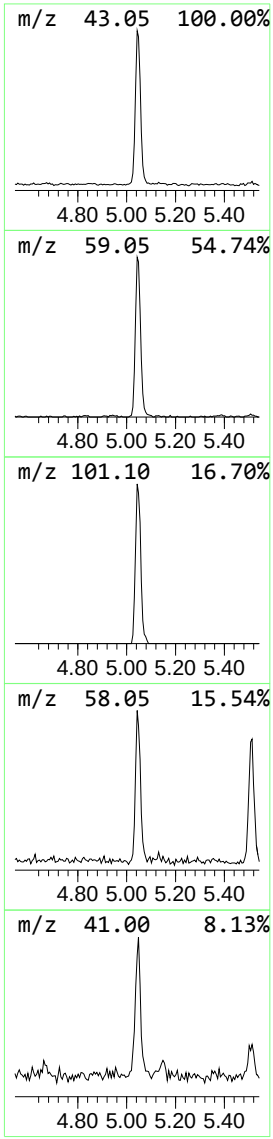
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.043	5.14 ng	203724	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Octanol	130	C8H18O	000589-98-0	36
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

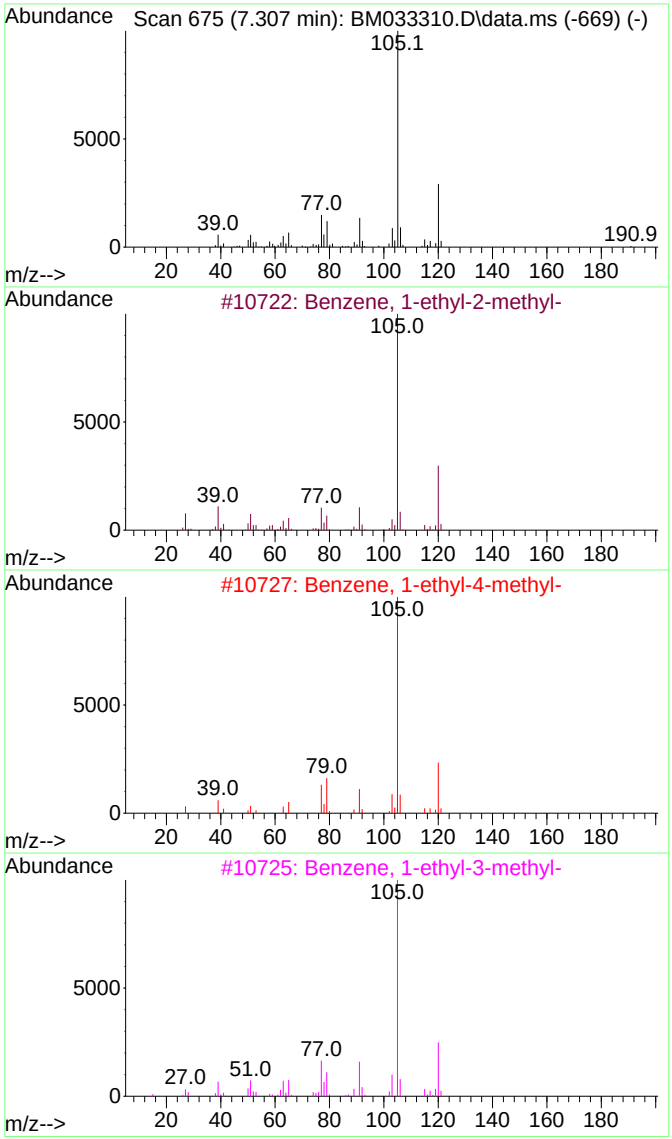
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

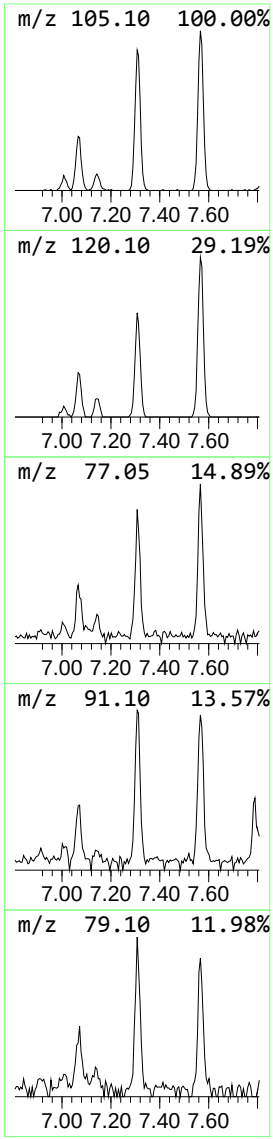
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.307	3.11 ng	123140	1,4-Dichlorobenzene-d4	7.925

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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

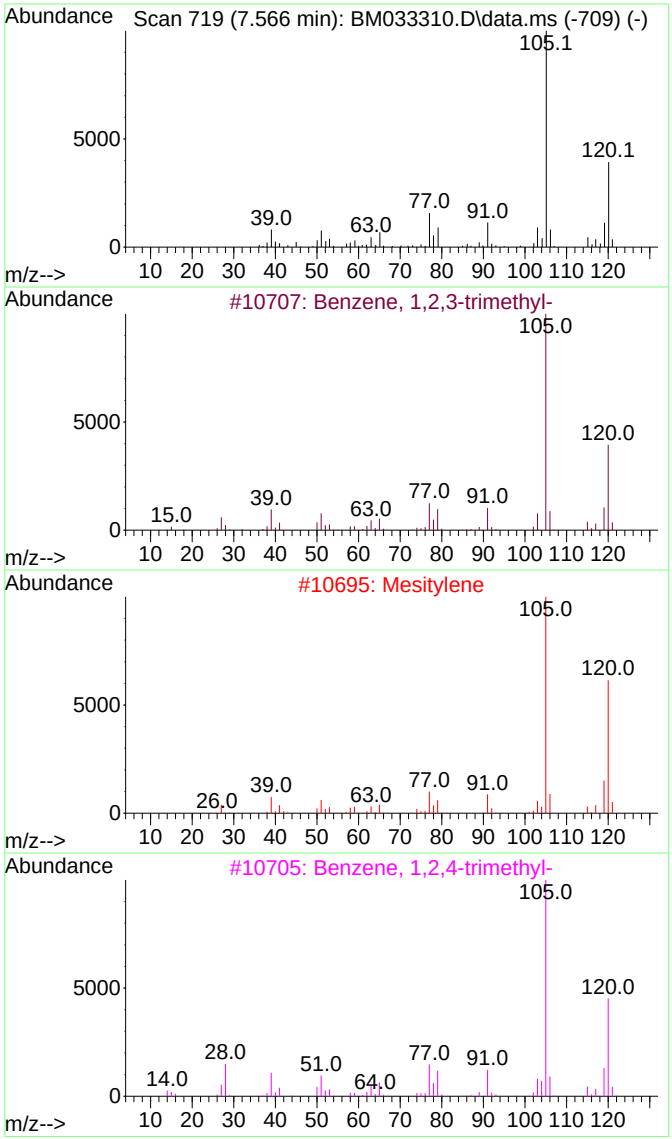
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

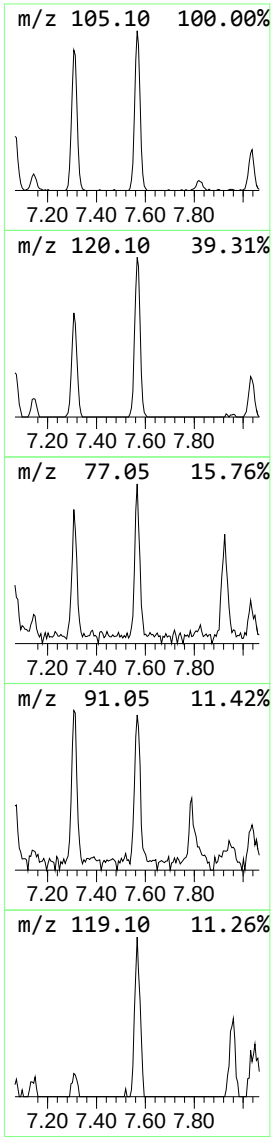
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.566	4.13 ng	163788	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

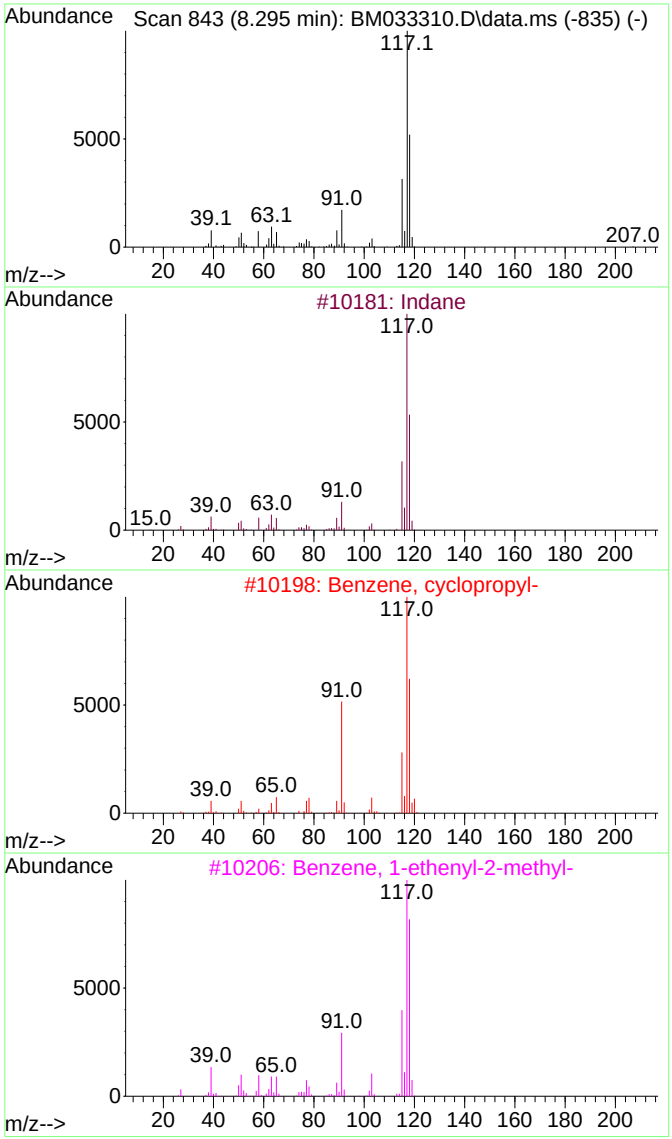
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

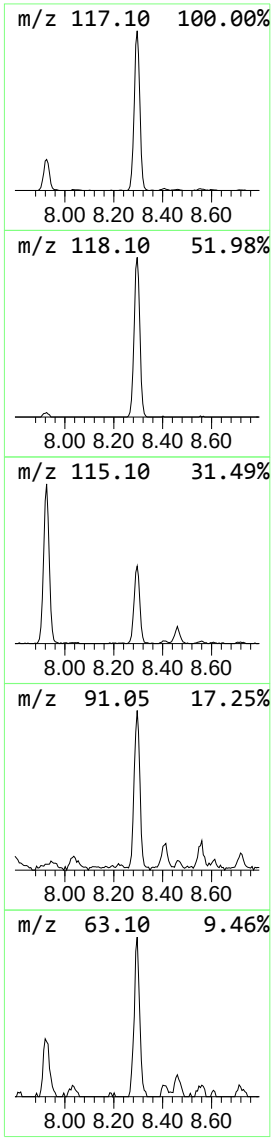
****

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.295	9.43 ng	374029	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	53
5	Indole	117	C8H7N	000120-72-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

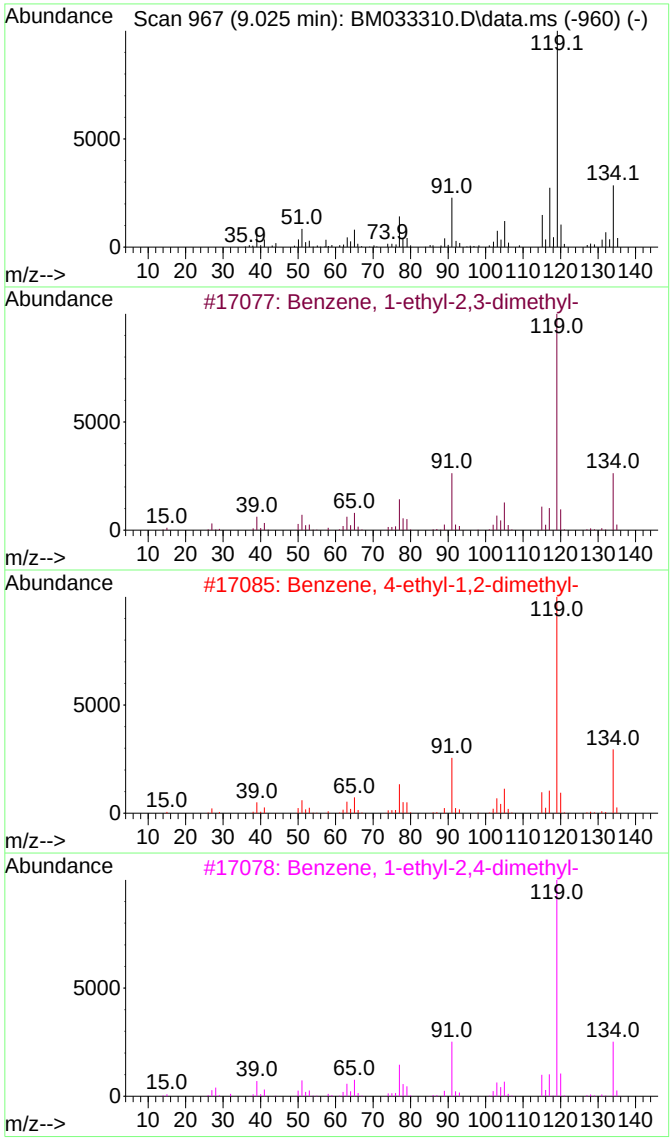
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

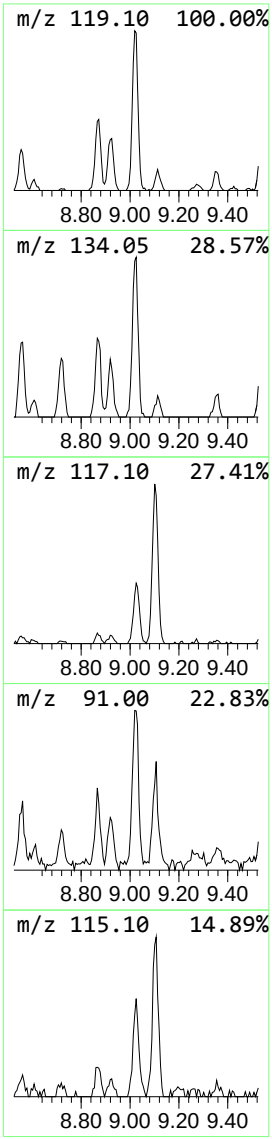
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.025	3.69 ng	146416	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

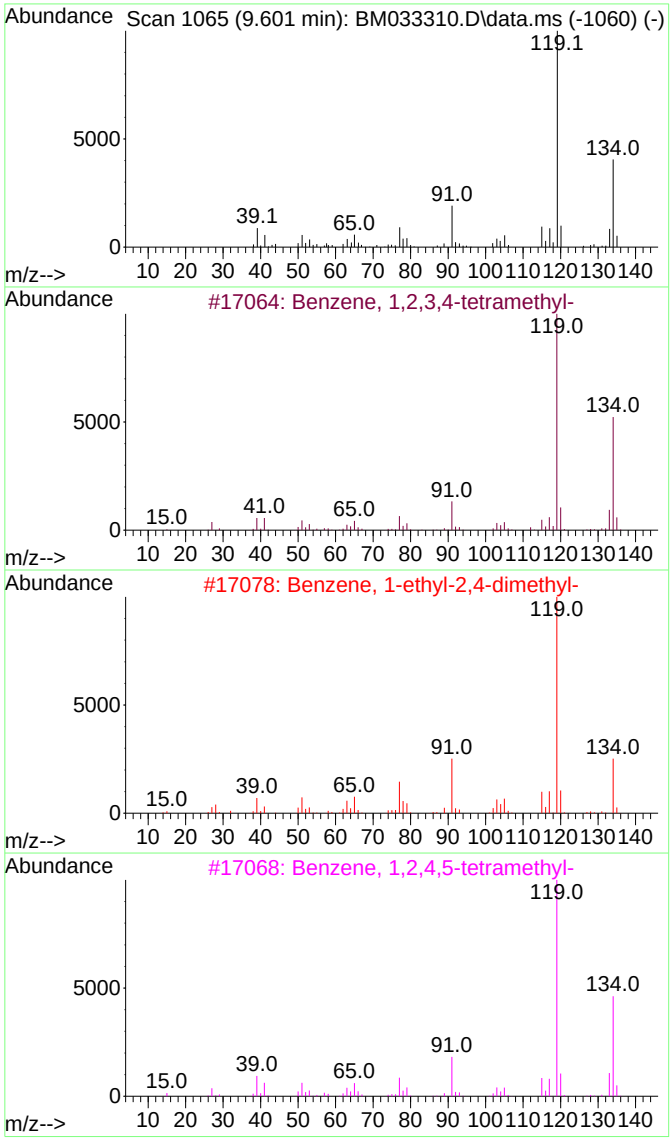
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

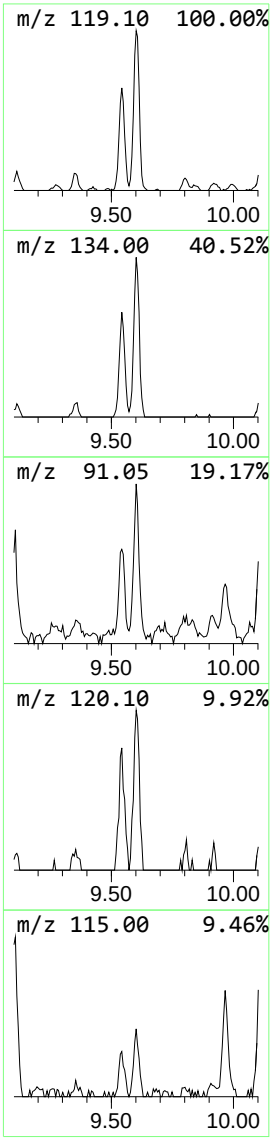
****

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.601	2.33 ng	126100	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

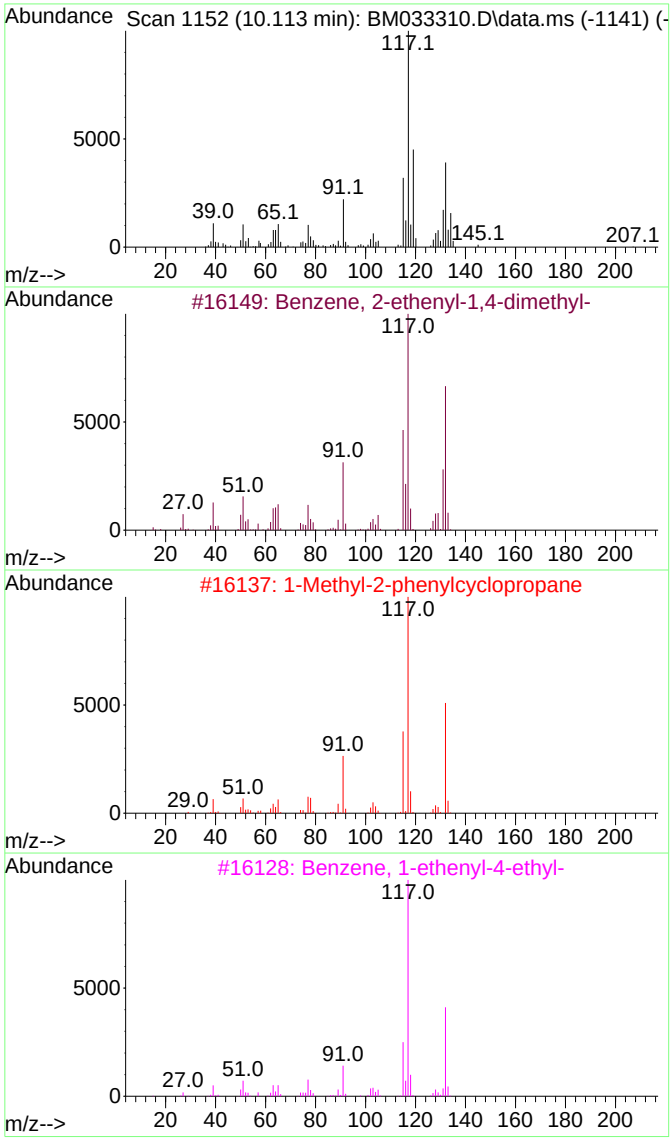
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

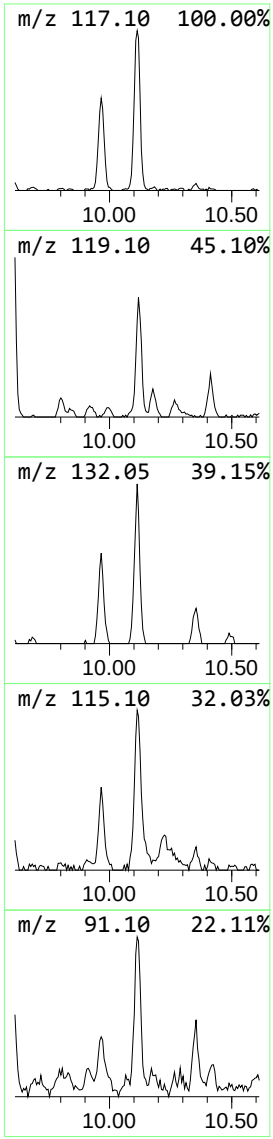
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.113	3.76 ng	203878	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	92
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

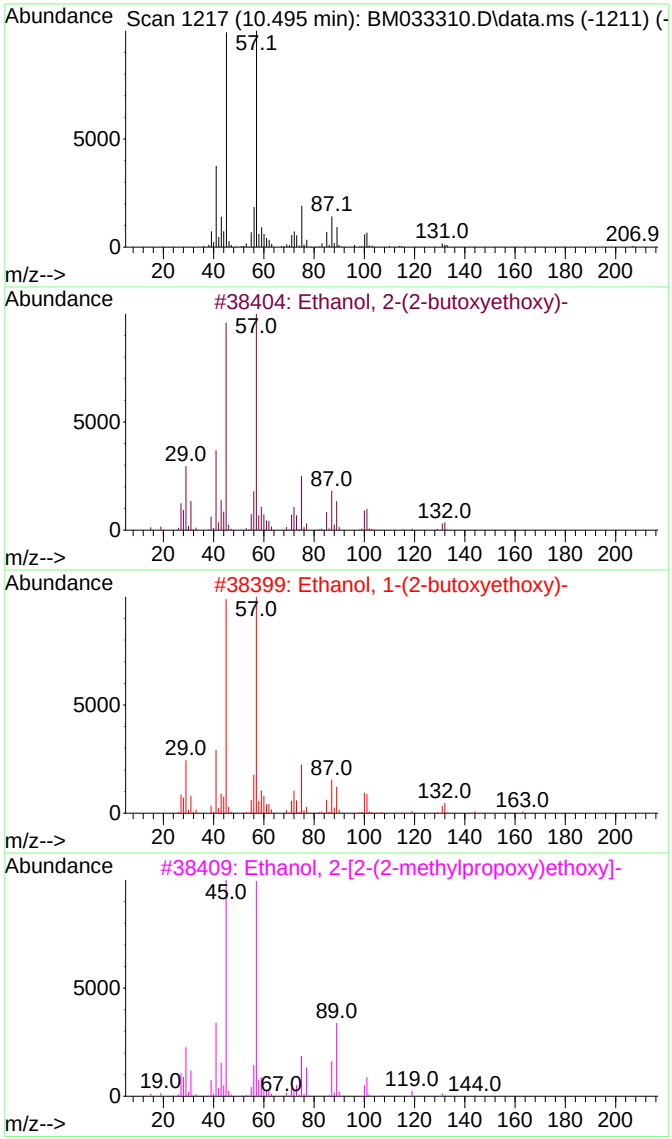
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

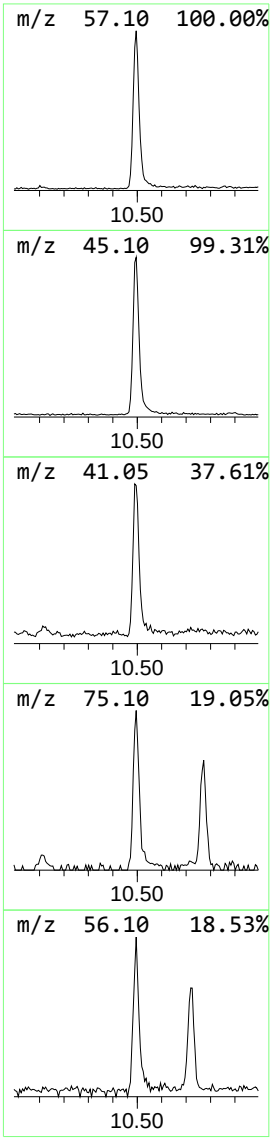
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.495	4.70 ng	254377	Naphthalene-d8	10.719

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	Propanal, 3-methoxy-	88	C4H8O2	002806-84-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

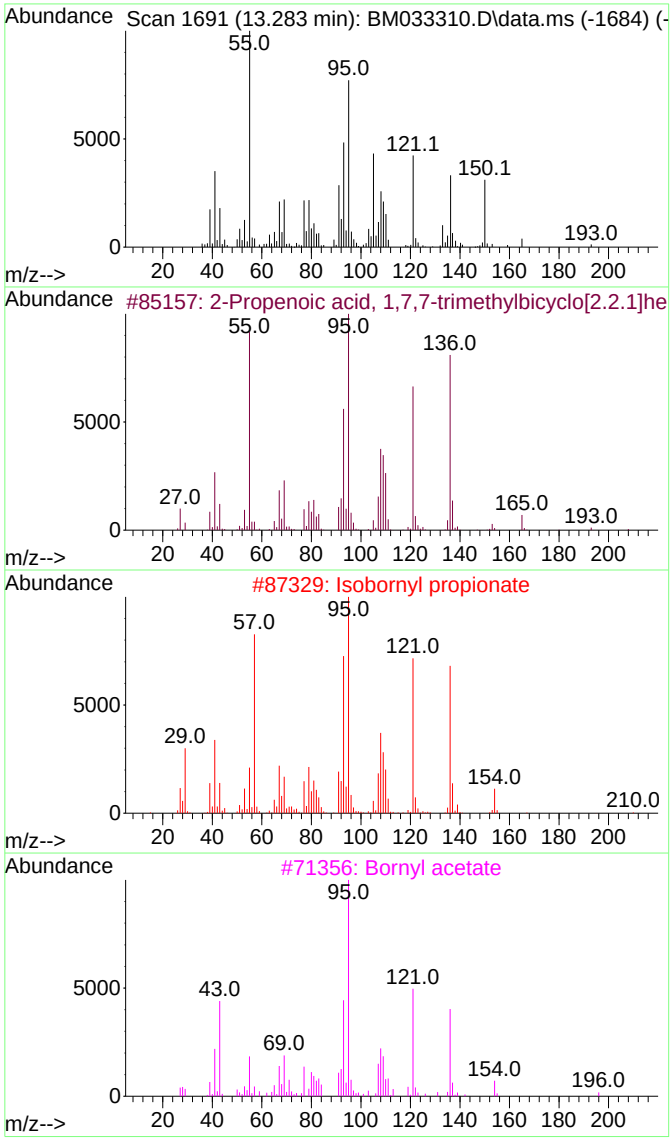
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

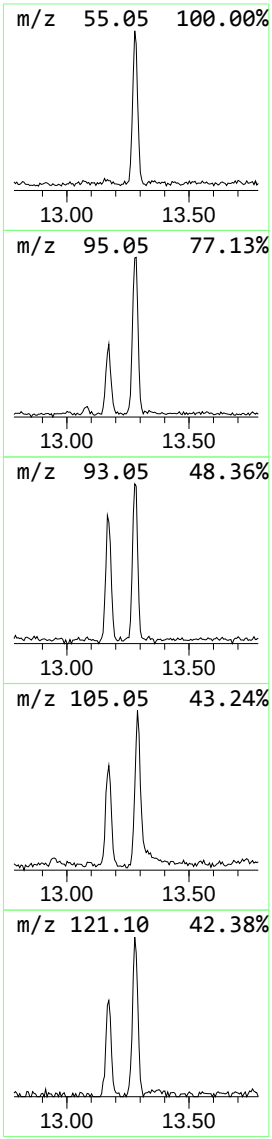
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Propenoic acid, 1,7,7-tri... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.283	4.30 ng	291850	Acenaphthene-d10	14.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 1,7,7-trimethy...	208	C13H20O2	005888-33-5	83
2	Isobornyl propionate	210	C13H22O2	002756-56-1	80
3	Bornyl acetate	196	C12H20O2	000076-49-3	72
4	2-Cyclopenten-1-one, 2-(2-buteny...	150	C10H14O	017190-71-5	70
5	Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

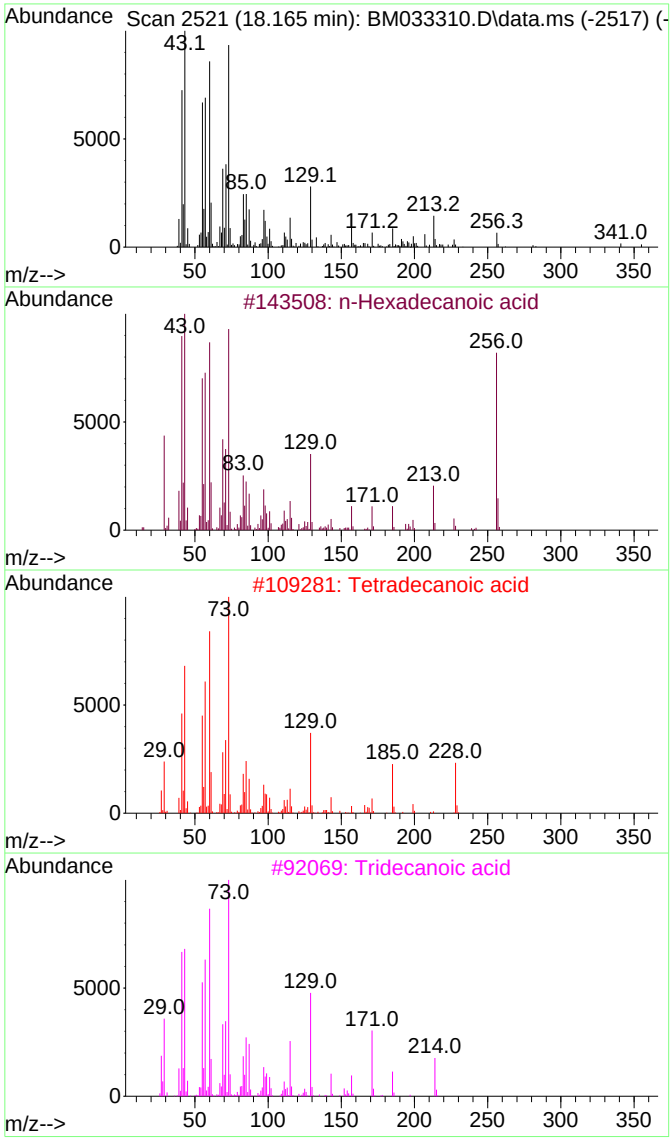
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

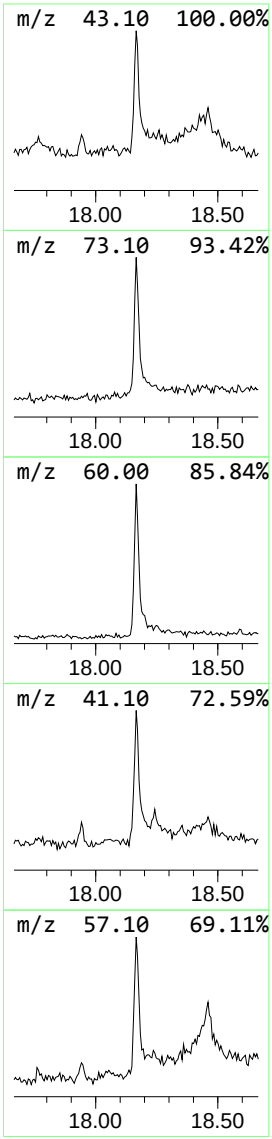
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.165	3.43 ng	260830	Phenanthrene-d10	17.289

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

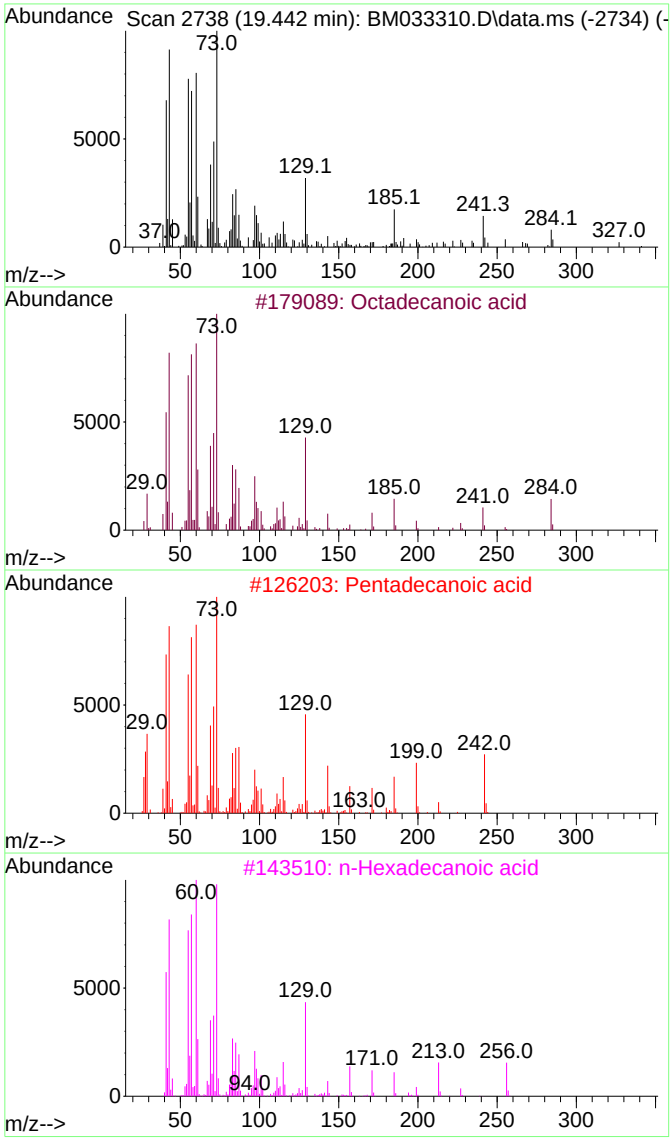
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

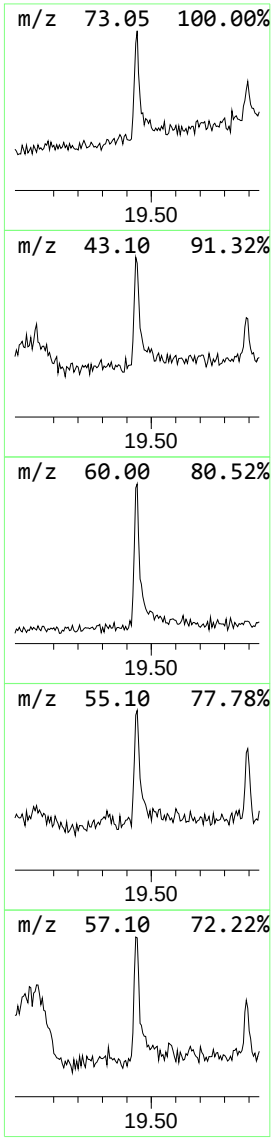
****

Peak Number 13 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.442	2.03 ng	177116	Chrysene-d12	21.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
Data File : BM033310.D
Acq On : 06 Dec 2021 13:46
Operator : CG/JU
Sample : M4917-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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
Propylene Glycol	3.660	2.6	ng	103915	1	7.925	793087	20.0
2-Pentanone, 4-...	5.043	5.1	ng	203724	1	7.925	793087	20.0
Benzene, 1-ethy...	7.307	3.1	ng	123140	1	7.925	793087	20.0
Benzene, 1,2,3-...	7.566	4.1	ng	163788	1	7.925	793087	20.0
Indane	8.295	9.4	ng	374029	1	7.925	793087	20.0
Benzene, 1-ethy...	9.025	3.7	ng	146416	1	7.925	793087	20.0
Benzene, 1,2,3,...	9.601	2.3	ng	126100	2	10.719	1083080	20.0
Benzene, 2-ethe...	10.113	3.8	ng	203878	2	10.719	1083080	20.0
Ethanol, 2-(2-b...	10.495	4.7	ng	254377	2	10.719	1083080	20.0
2-Propenoic aci...	13.283	4.3	ng	291850	3	14.548	1357850	20.0
n-Hexadecanoic ...	18.165	3.4	ng	260830	4	17.289	1521220	20.0
Octadecanoic acid	19.442	2.0	ng	177116	5	21.448	1748550	20.0