LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039263.D
Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.063	127	132	141	rVB	832131	1061588	6.95%	1.155%
2	5.004	285	292	301	rBV	869031	1187530	7.77%	1.292%
3	5.475	365	372	388	rBV	2303699	3203152	20.97%	3.485%
4	7.081	638	645	659	rVB	1355511	2095253	13.71%	2.279%
5	7.557	715	726	733	rBV	133201	221514	1.45%	0.241%
6	7.916	779	787	794	rBV	786407	1270521	8.32%	1.382%
7	8.028	801	806	818	rVB	695411	1107131	7.25%	1.204%
8	8.287	843	850	860	rVB	263134	422200	2.76%	0.459%
9	8.404	865	870	875	rBV	149300	220326	1.44%	0.240%
10	8.463	875	880	885	rBV	358623	514936	3.37%	0.560%
11	8.557	889	896	901	rVV	733238	1144713	7.49%	1.245%
12	8.722	916	924	932	rVB	229853	370875	2.43%	0.403%
13	8.869	941	949	954	rBV	562410	866250	5.67%	0.942%
14	8.922	954	958	965	rVV	539087	786714	5.15%	0.856%
15	9.022	968	975	980	rBV	1095564	1673517	10.95%	1.821%
16	9.086	980	986	1001	rVB	2613785	4384577	28.70%	4.770%
17	9.357	1025	1032	1038	rBV	374038	576861	3.78%	0.628%
18	9.545	1058	1064	1069	rBV	828093	1269122	8.31%	1.381%
19	9.610	1069	1075	1081	rVB	1371546	2077495	13.60%	2.260%
20	9.969	1132	1136	1146	rVB	246333	419774	2.75%	0.457%
21	10.122	1156	1162	1169	rVB2	905721	1535917	10.05%	1.671%
22	10.186	1169	1173	1181	rVB2	111082	182070	1.19%	0.198%
23	10.422	1207	1213	1220	rVB	103489	168345	1.10%	0.183%
24	10.504	1220	1227	1238	rBV	448074	801065	5.24%	0.871%
25	10.728	1254	1265	1269	rBV	1018008	1787656	11.70%	1.945%
26	10.775	1269	1273	1281	rVB	1311234	2304608	15.08%	2.507%
27	10.939	1293	1301	1309	rBV	108333	177263	1.16%	0.193%
28	12.386	1535	1547	1555	rBV2	178284	397789	2.60%	0.433%
29	13.186	1676	1683	1702	rBV	6188507	8947874	58.57%	9.735%
30	14.563	1910	1917	1926	rBV	1431830	2065106	13.52%	2.247%
31	16.051	2162	2170	2187	rBV	4694002	6748434	44.17%	7.342%
32	17.309	2378	2384	2390	rBV	1692932	2316098	15.16%	2.520%
33	18.204	2531	2536	2545	rBV	323294	560597	3.67%	0.610%
34	18.856	2642	2647	2657	rBV	1618934	1838767	12.04%	2.000%
35	18.939	2657	2661	2675	rVV	107319	212278	1.39%	0.231%
36	19.121	2687	2692	2699	rVB	620257	787243	5.15%	0.856%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039263.D
Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.374	2730	2735	2743	rBV	2229436	2665191	17.44%	2.900%
38	19.480	2749	2753	2765	rBV3	258038	505410	3.31%	0.550%
39	19.621	2772	2777	2782	rBV	10266485	11331136	74.17%	12.327%
40	19.709	2788	2792	2804	rVB	189091	328093	2.15%	0.357%
41	19.933	2825	2830	2846	rVB	12629955	15278253	100.00%	16.622%
42	20.521	2927	2930	2934	rBV	137100	154488	1.01%	0.168%
43	21.197	3041	3045	3052	rBV2	225926	342635	2.24%	0.373%
44	21.492	3090	3095	3104	rBV	2092944	2634200	17.24%	2.866%
45	23.903	3499	3505	3516	rVB2	1504789	2973488	19.46%	3.235%

Sum of corrected areas: 91918053

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
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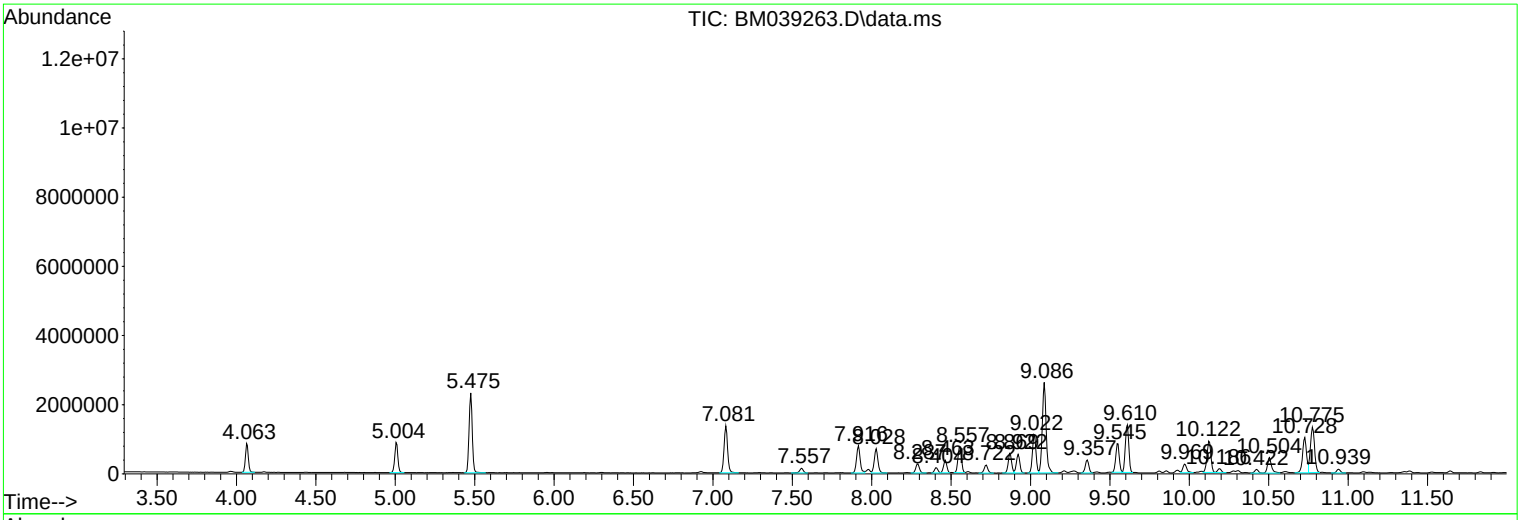
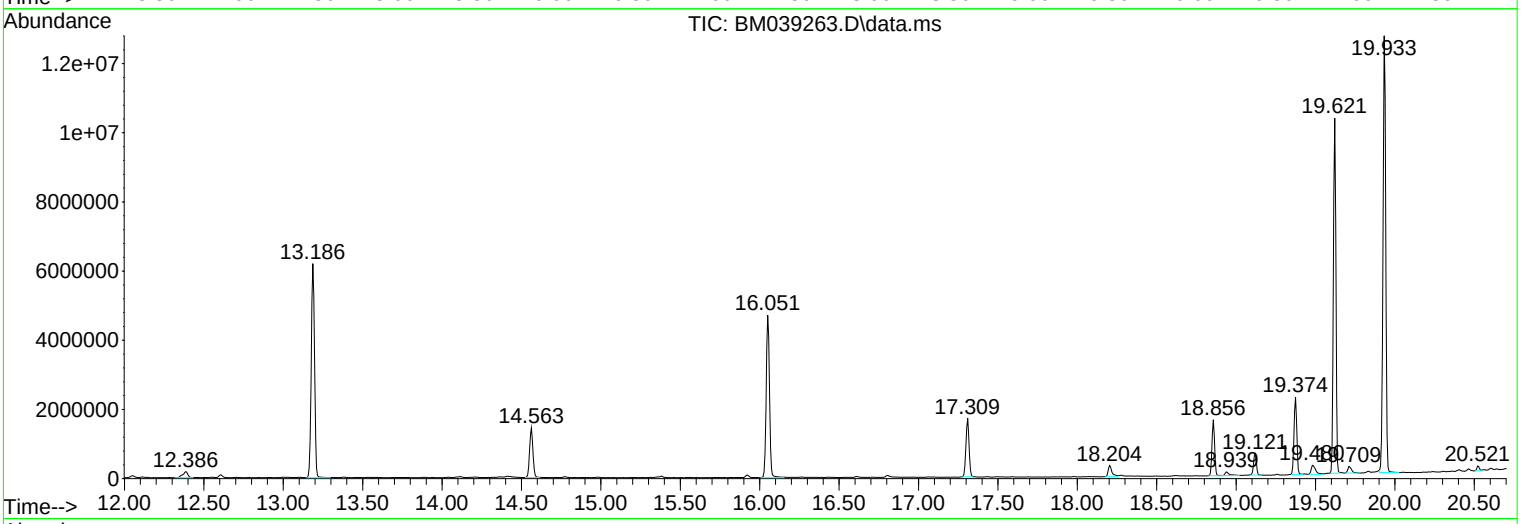
Misc :
ALS Vial : 11 Sample Multiplier: 1

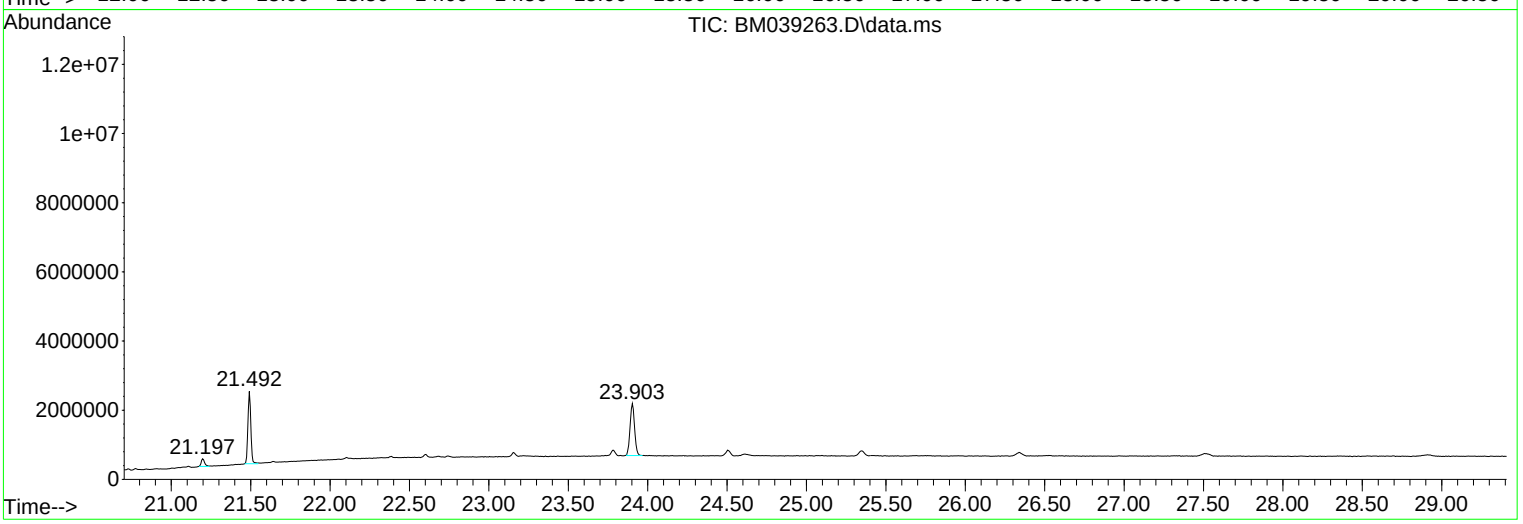
Instrument :
BNA_M
ClientSampleId :
B-30-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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\BM033123\
Data File : BM039263.D
Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

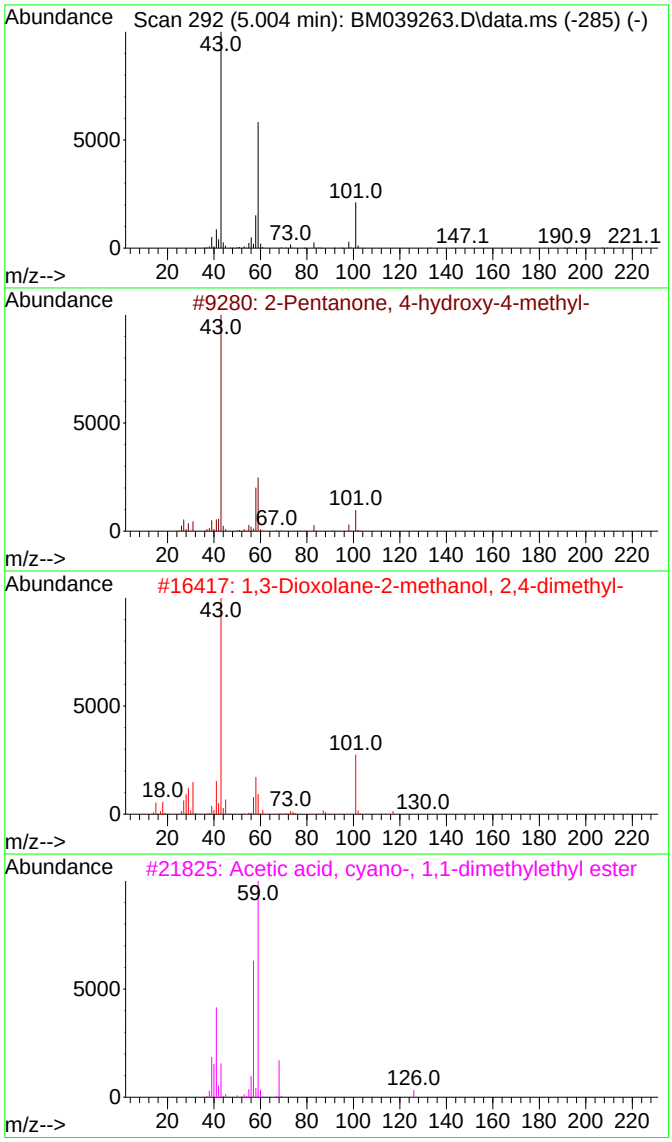
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

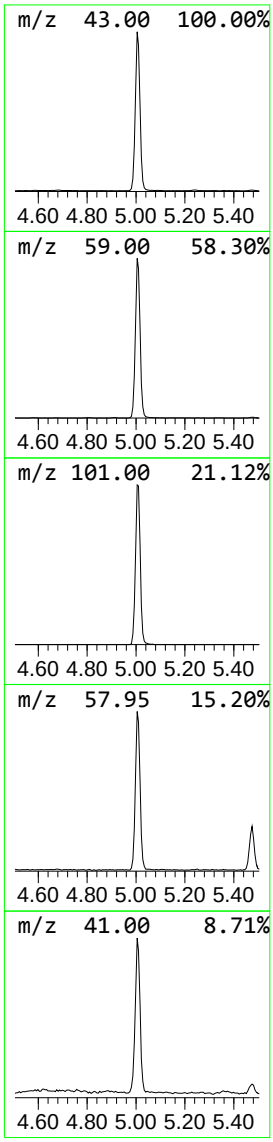
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	18.69 ng	1187530	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039263.D
Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

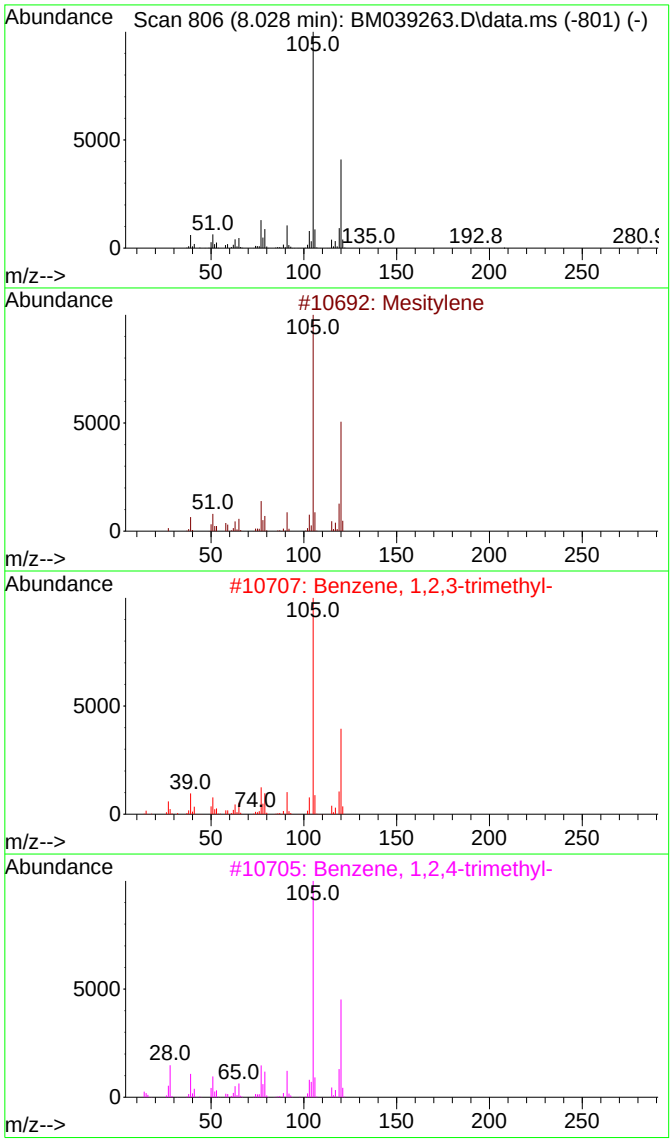
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

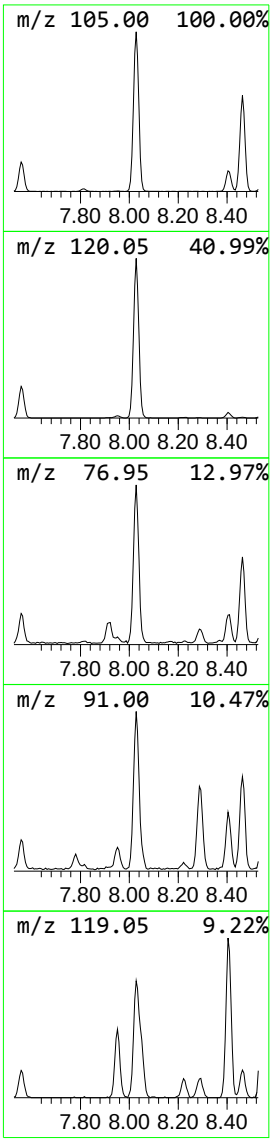
****

Peak Number 3 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.028	17.43 ng	1107130	1,4-Dichlorobenzene-d4	7.916

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	95
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-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039263.D
Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

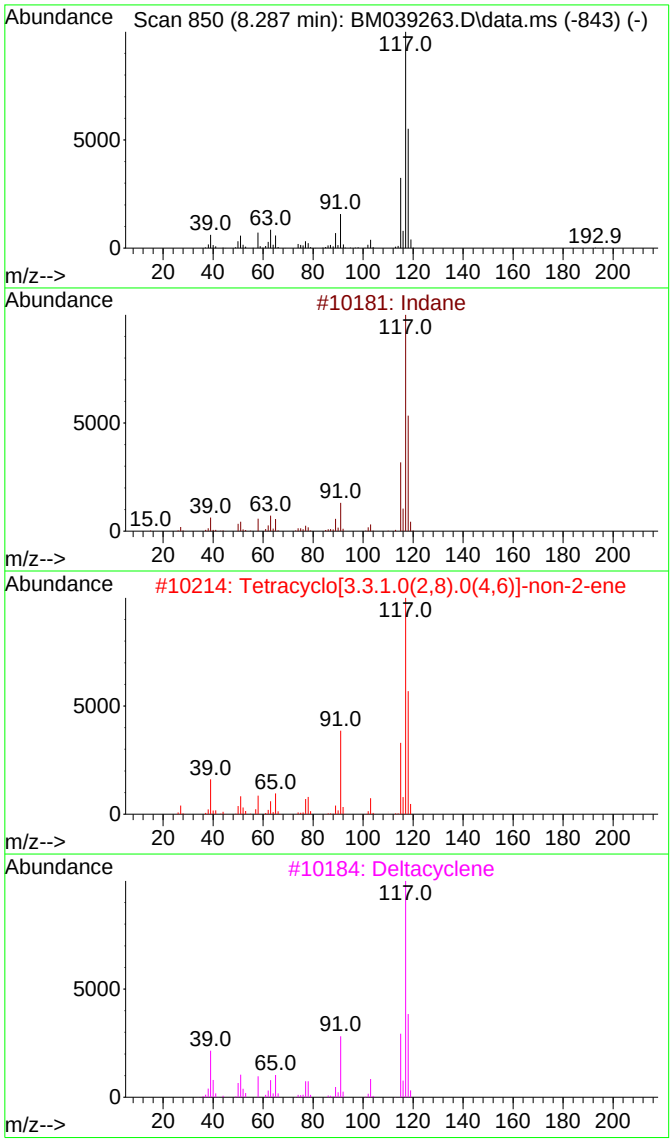
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

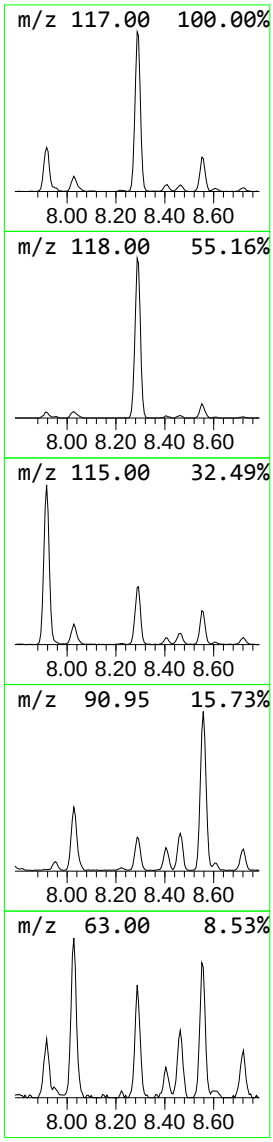
****

Peak Number 4 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.287	6.65 ng	422200	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039263.D
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Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

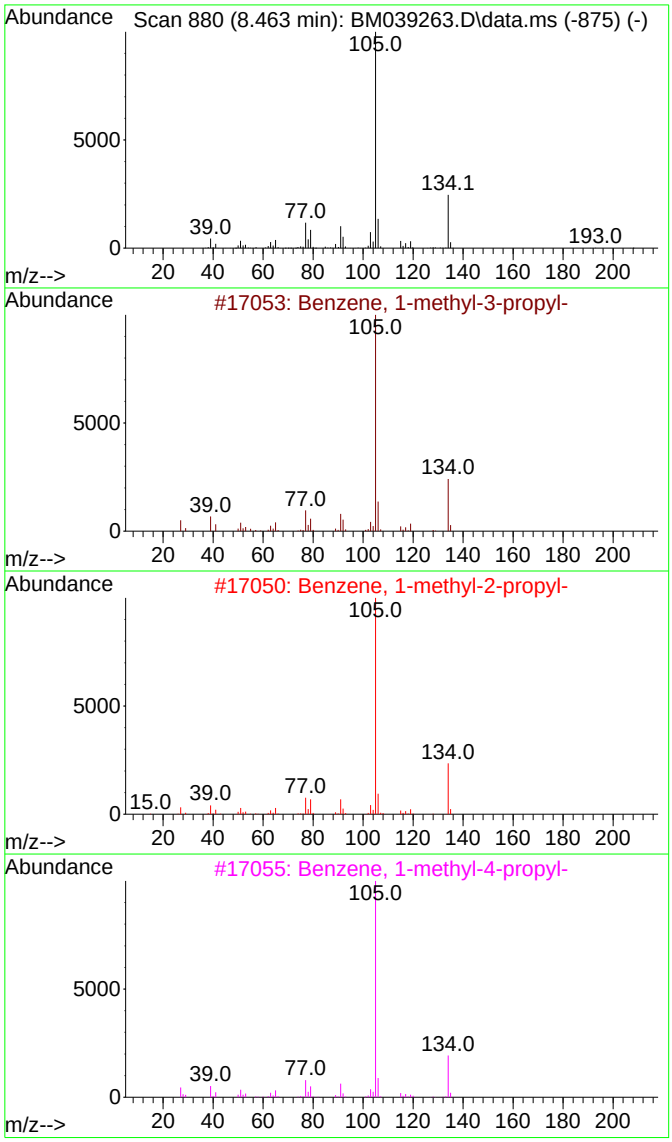
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

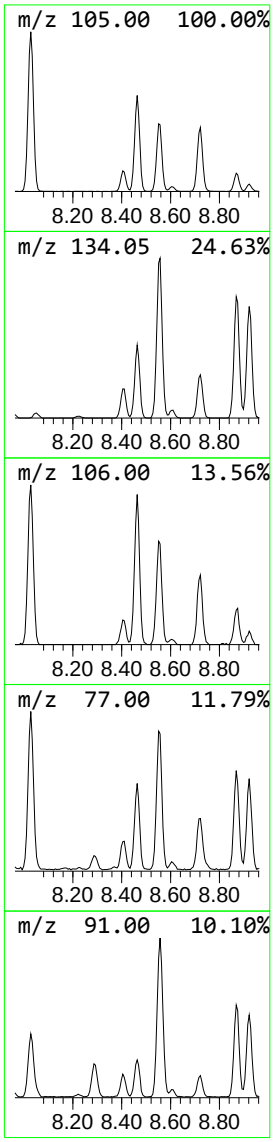
****

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	8.11 ng	514936	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80





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Data File : BM039263.D
Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

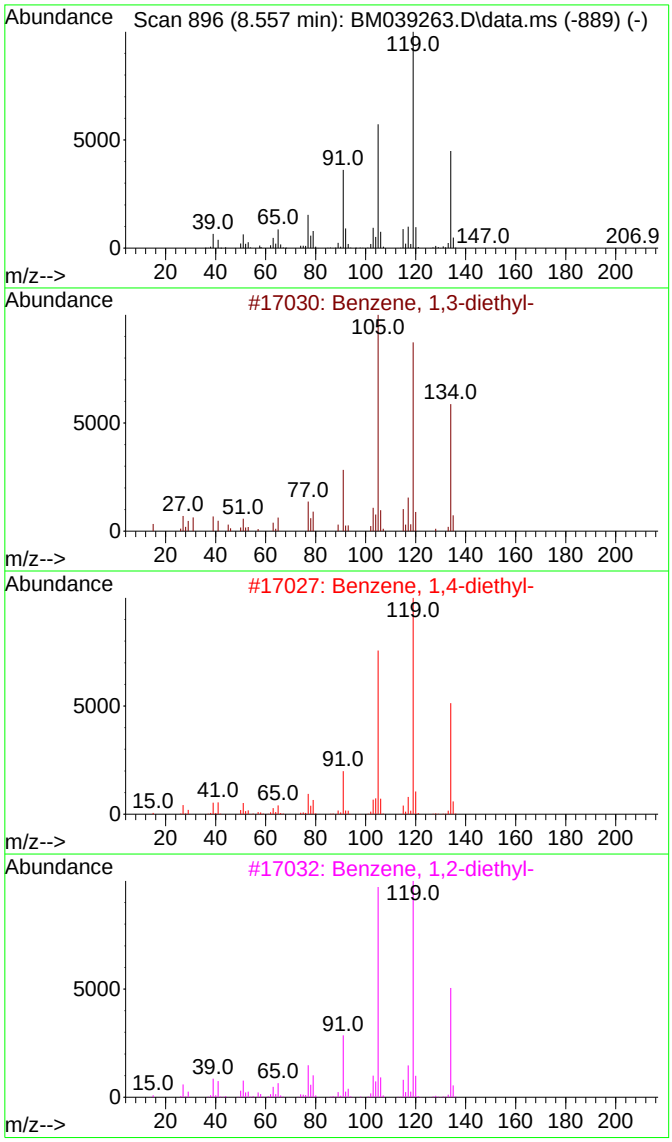
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

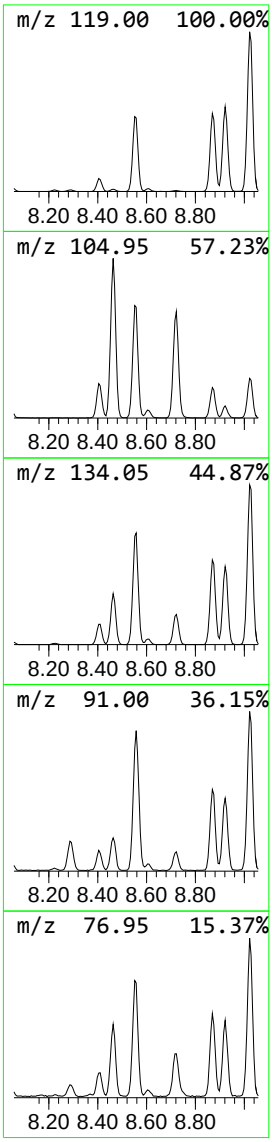
****

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.557	18.02 ng	1144710	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039263.D
Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

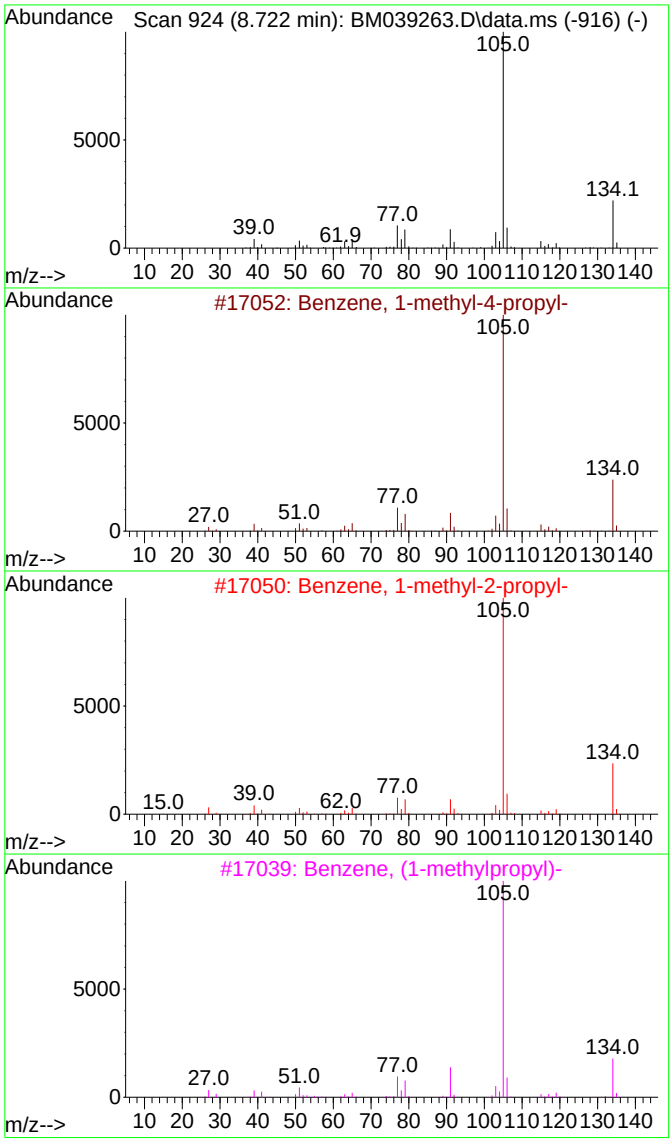
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

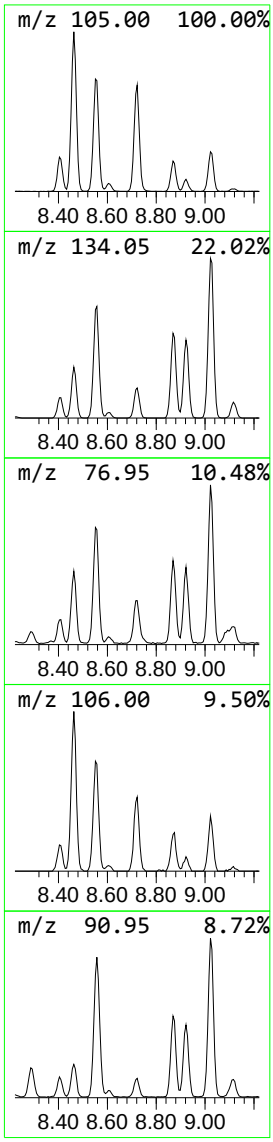
****

Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	5.84 ng	370875	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	86





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Data File : BM039263.D
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Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

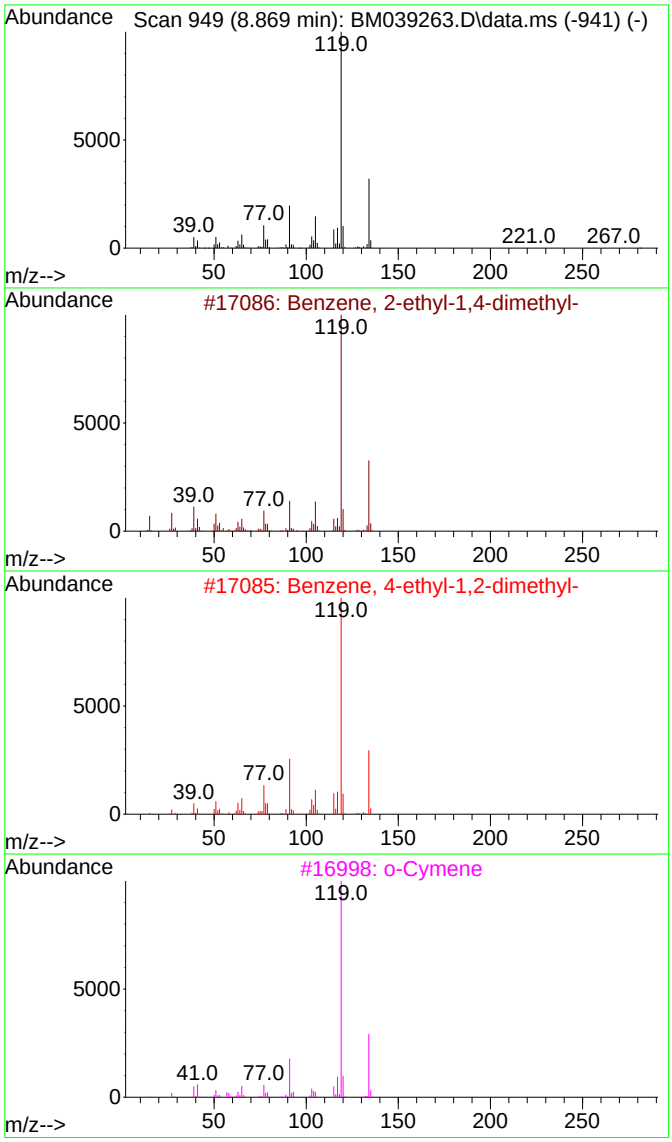
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

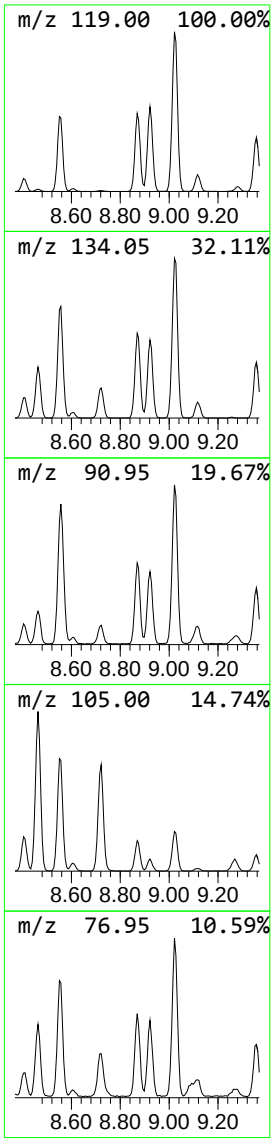
****

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.869	13.64 ng	866250	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039263.D
Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

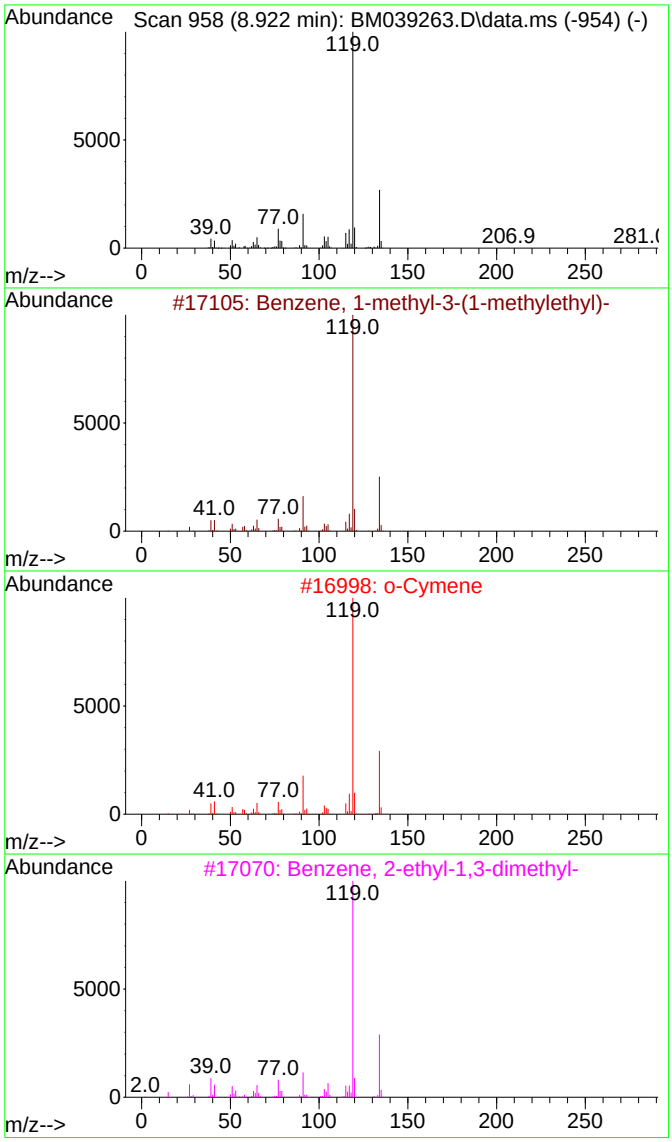
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

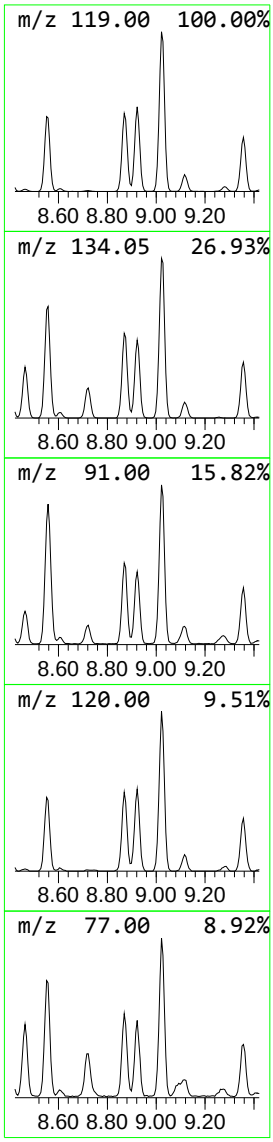
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	12.38 ng	786714	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

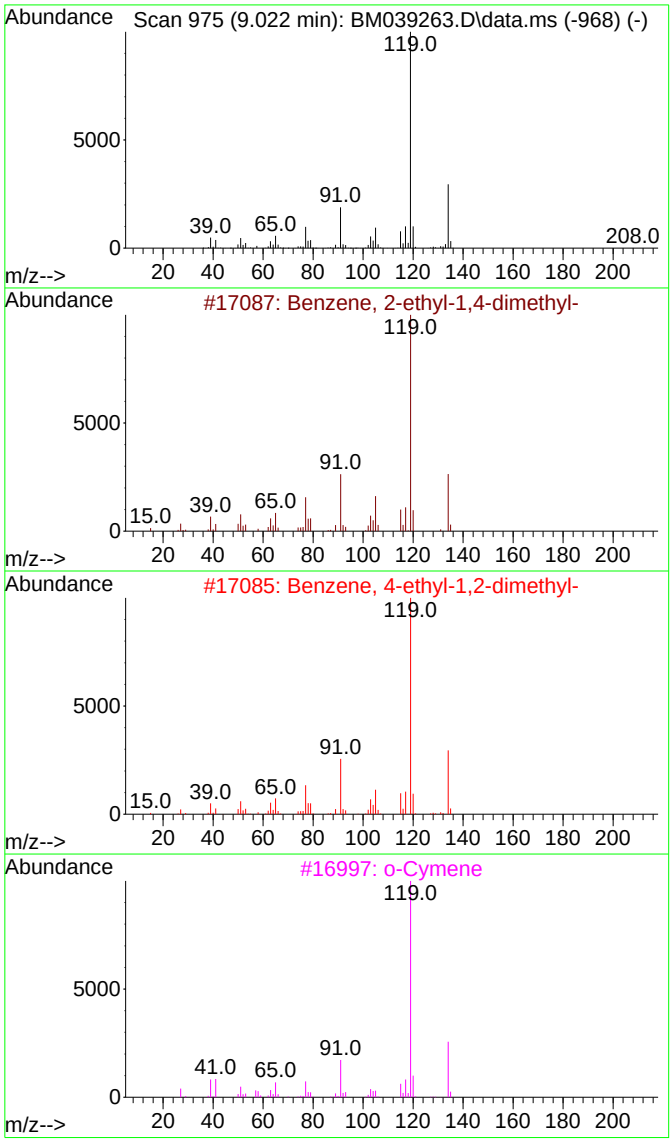
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

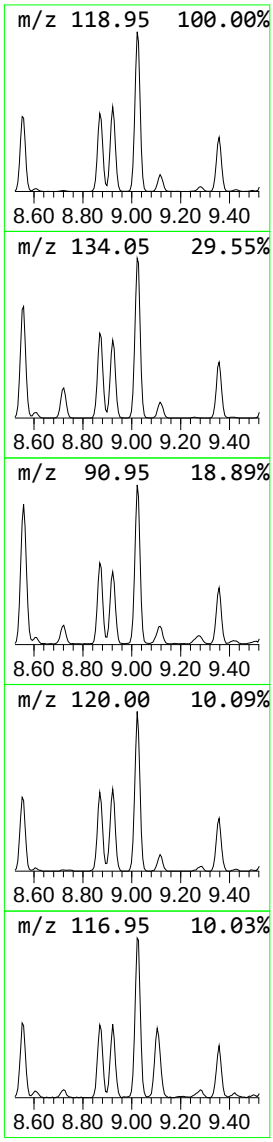
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.022	26.34 ng	1673520	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

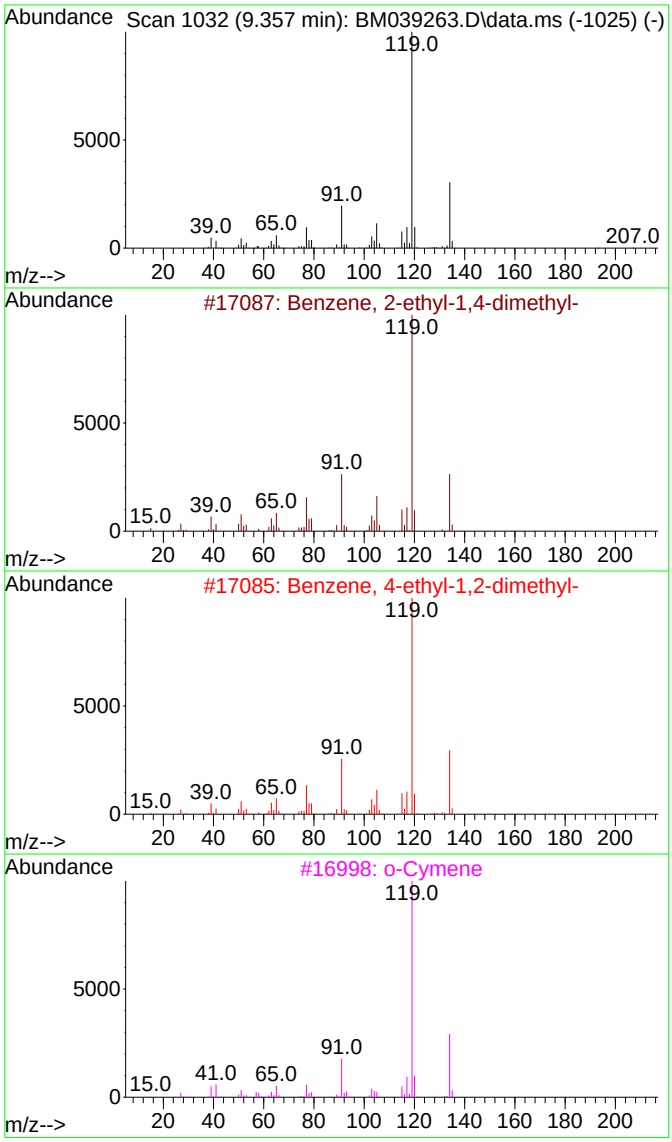
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

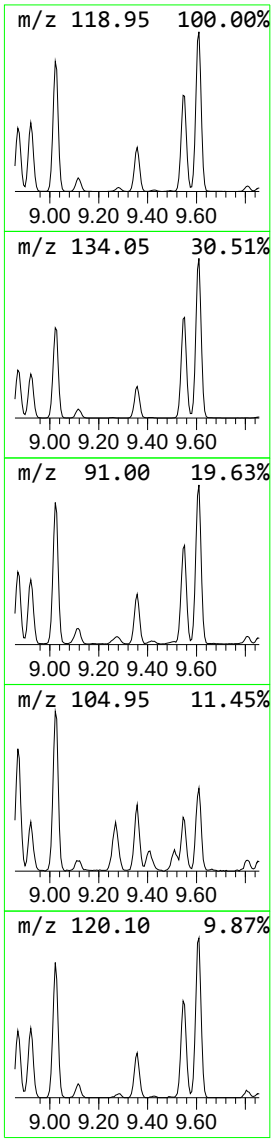
****

Peak Number 11 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	6.45 ng	576861	Naphthalene-d8	10.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

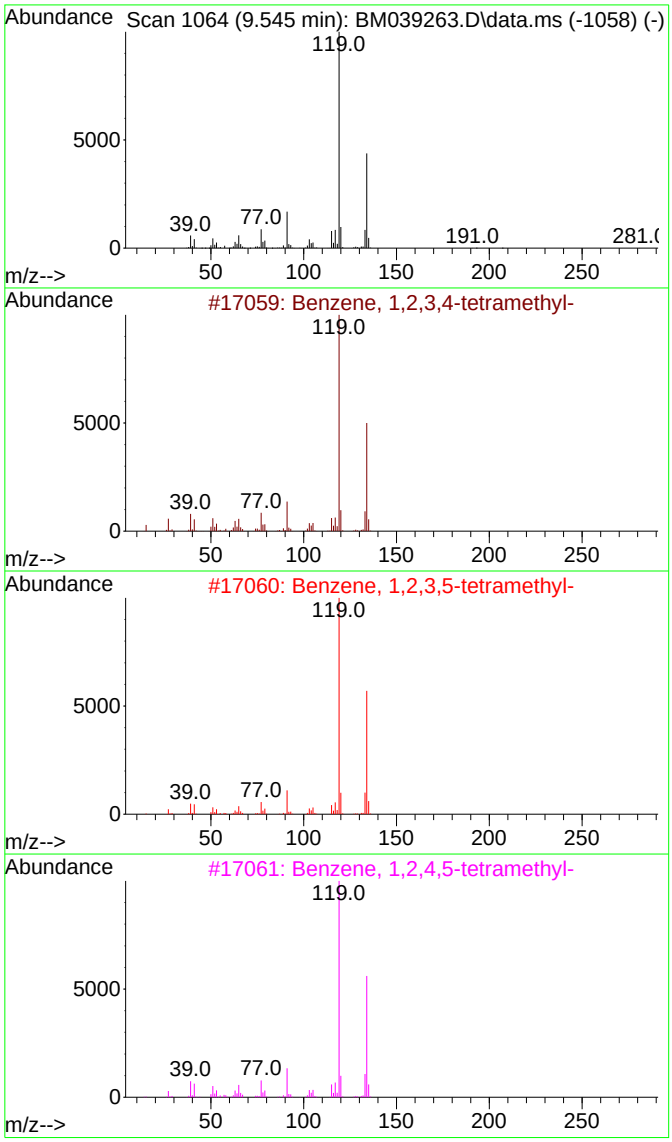
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

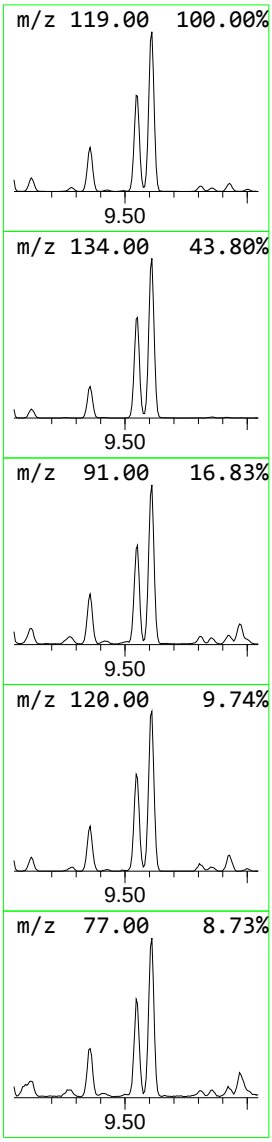
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	14.20 ng	1269120	Naphthalene-d8	10.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

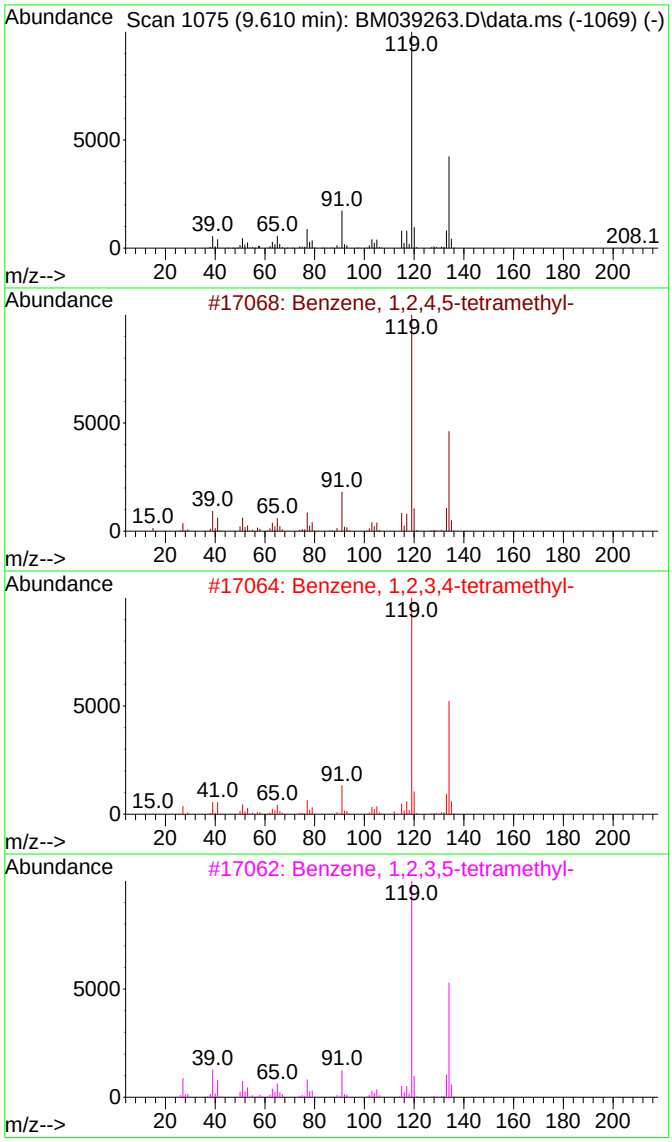
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

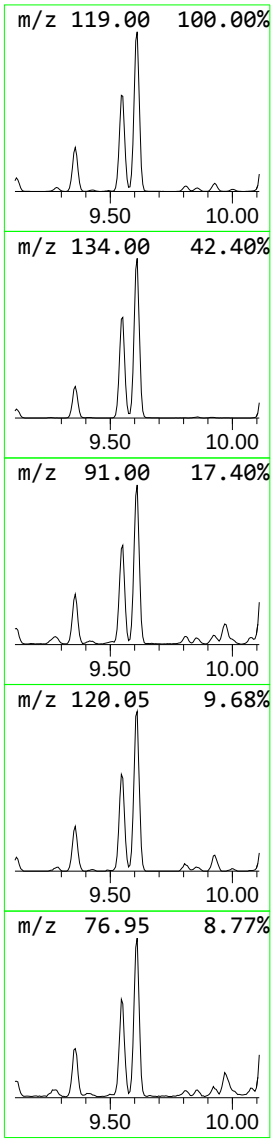
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	23.24 ng	2077500	Naphthalene-d8	10.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

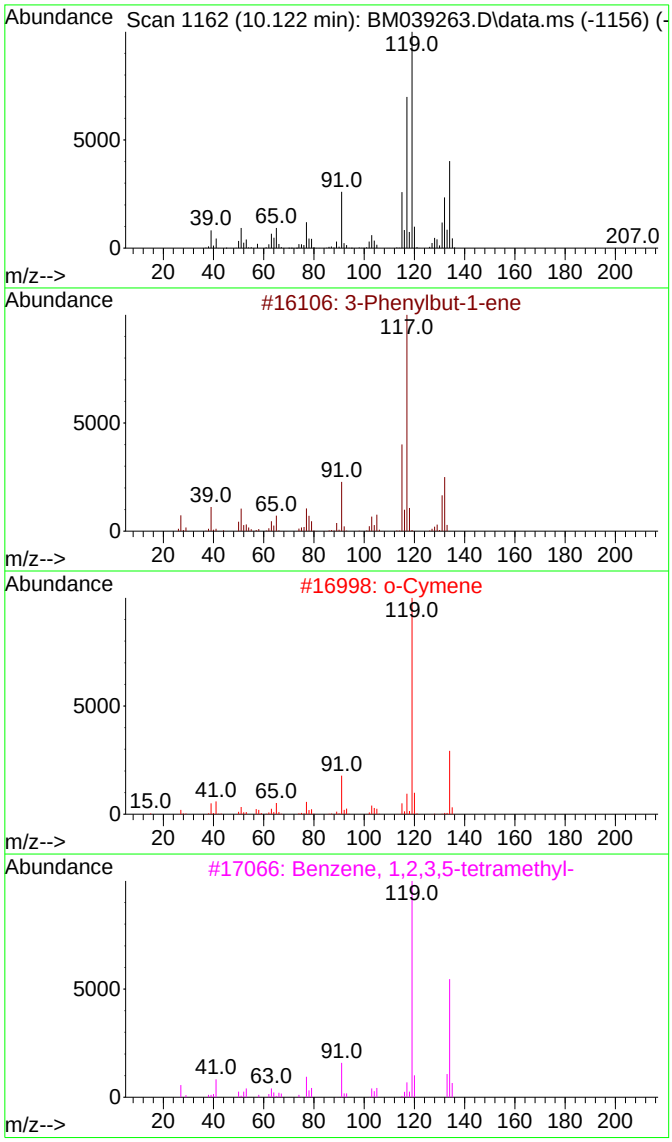
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

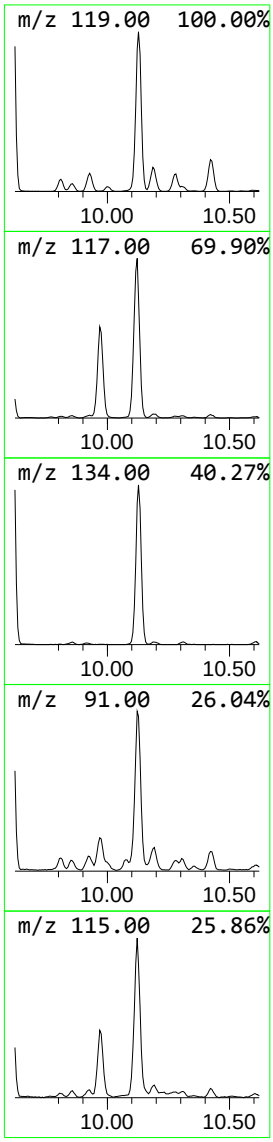
****

Peak Number 14 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	17.18 ng	1535920	Naphthalene-d8	10.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
2	o-Cymene	134	C10H14	000527-84-4	60
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	p-Cymene	134	C10H14	000099-87-6	60





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Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
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Instrument :
BNA_M
ClientSampleId :
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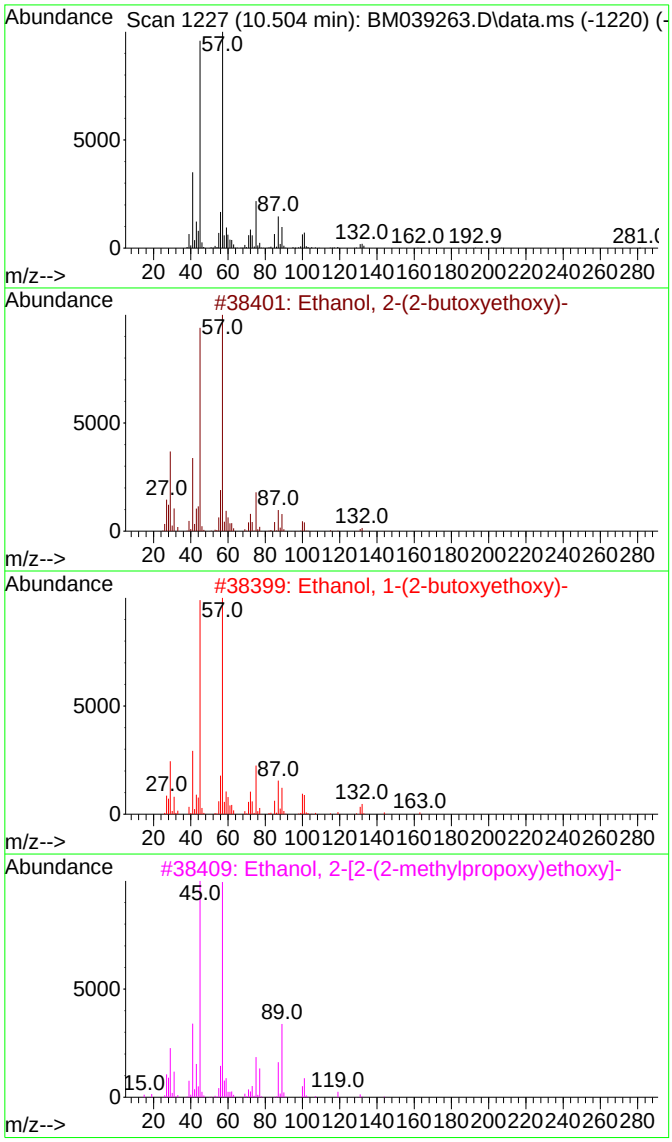
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

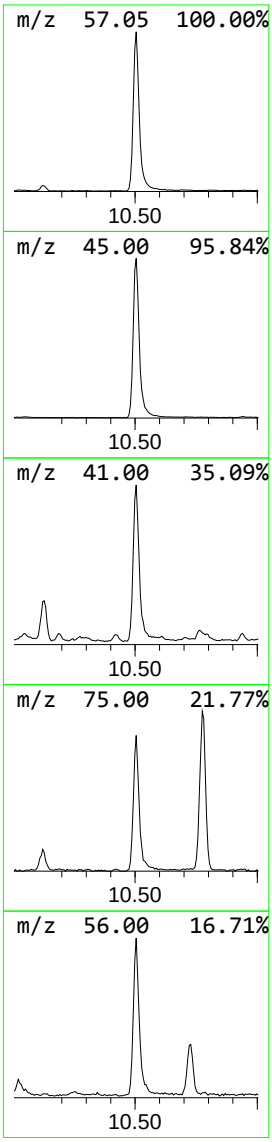
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.504	8.96 ng	801065	Naphthalene-d8	10.728

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	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50





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Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

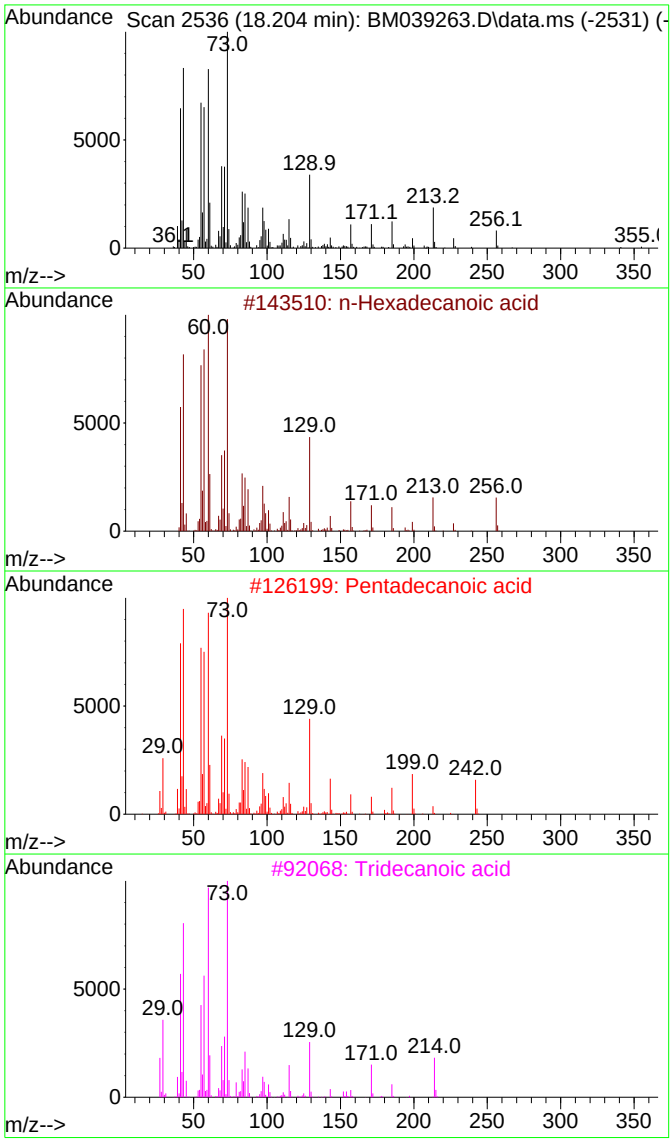
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

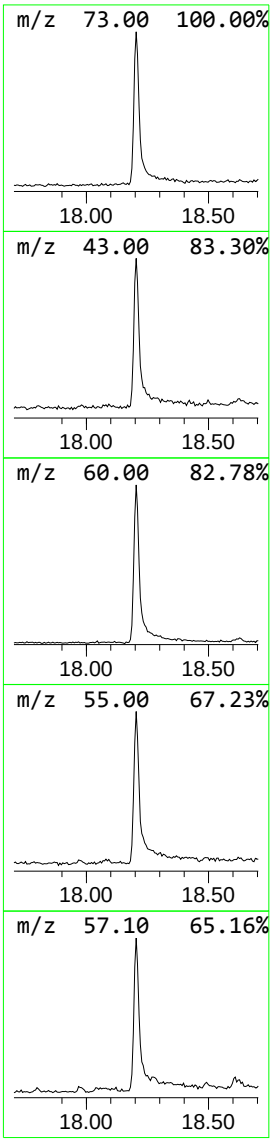
****

Peak Number 16 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.203	4.84 ng	560597	Phenanthrene-d10	17.310

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Nonanoic acid	158	C9H18O2	000112-05-0	58





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Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

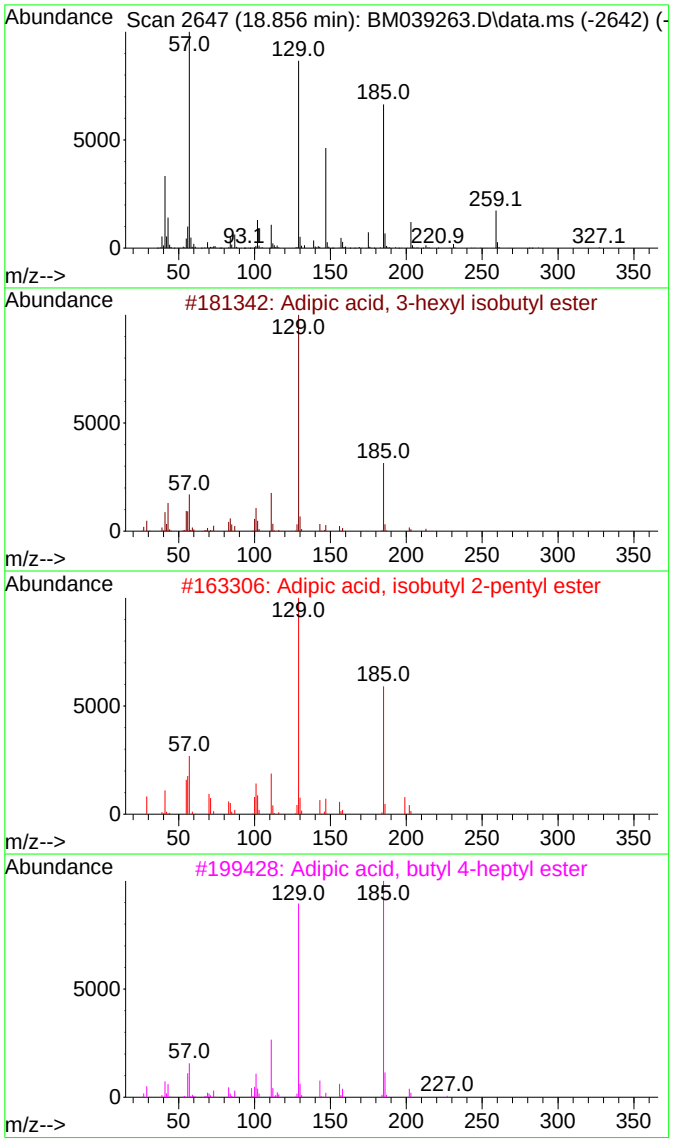
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

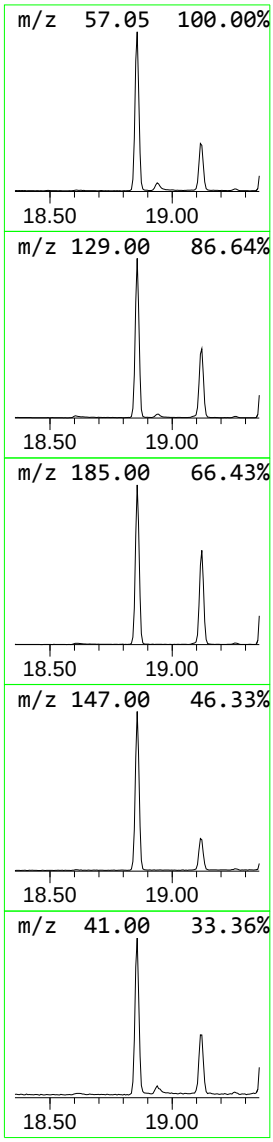
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Adipic acid, 3-hexyl isobut... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.856	15.88 ng	1838770	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 3-hexyl isobutyl ester	286	C16H30O4	1000353-62-2	50
2	Adipic acid, isobutyl 2-pentyl e...	272	C15H28O4	1000324-15-6	50
3	Adipic acid, butyl 4-heptyl ester	300	C17H32O4	1000349-73-7	47
4	Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	47
5	Butyl citrate	360	C18H32O7	000077-94-1	43





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Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

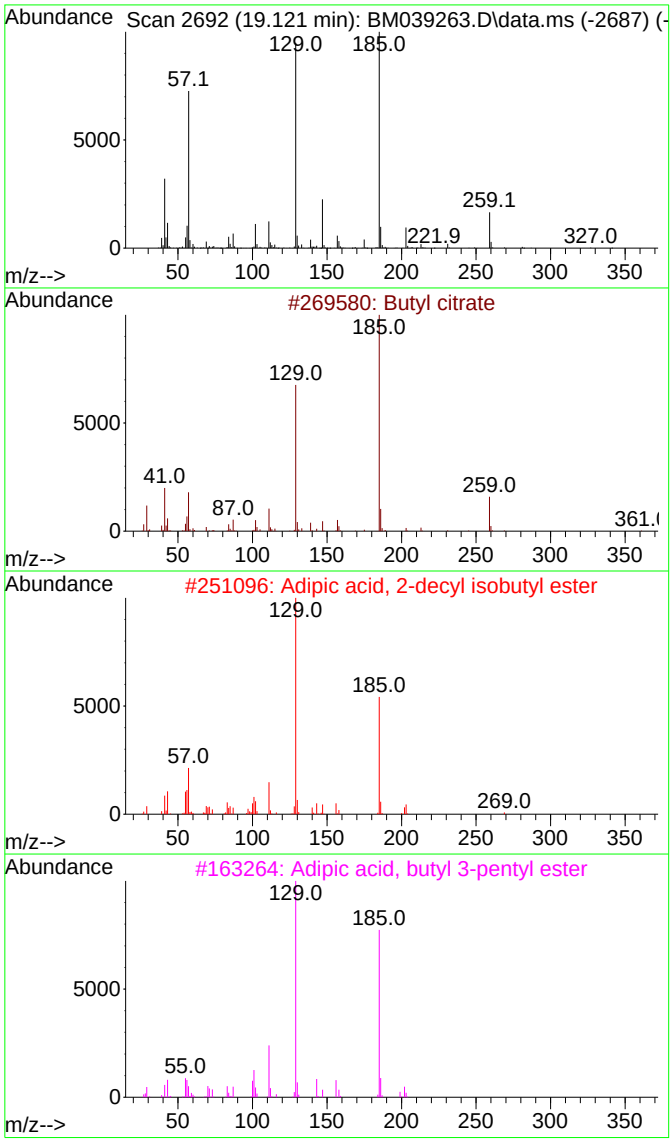
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

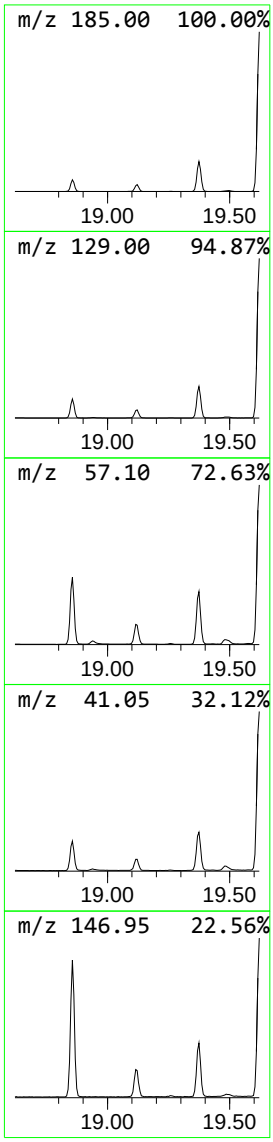
****

Peak Number 18 Butyl citrate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.121	6.80 ng	787243	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	87
2	Adipic acid, 2-decyl isobutyl ester	342	C20H38O4	1000353-59-6	72
3	Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	59
4	Adipic acid, 4-heptyl isobutyl e...	300	C17H32O4	1000349-73-6	50
5	Adipic acid, butyl cyclohexyl ester	284	C16H28O4	1000324-25-9	50





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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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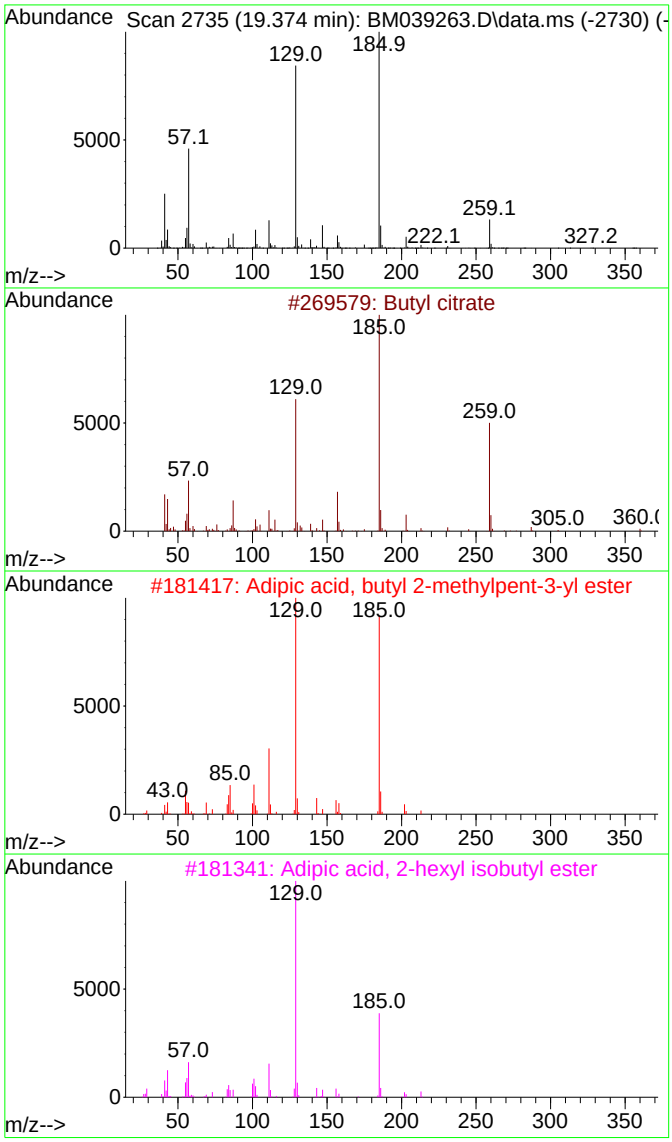
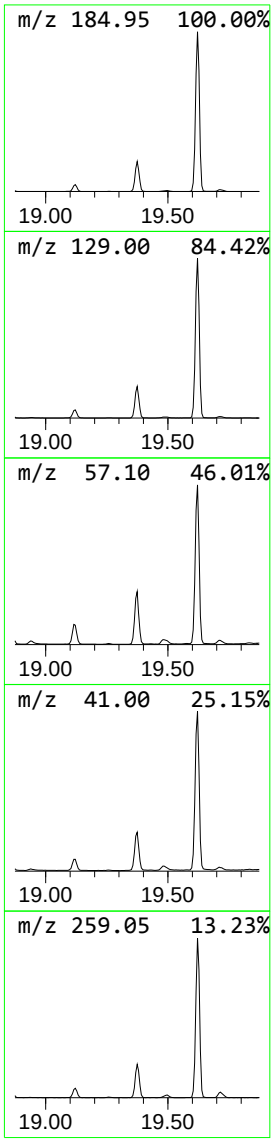
****

Peak Number 19 Adipic acid, butyl 2-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.374	23.01 ng	2665190	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	78
2	Adipic acid, butyl 2-methylpent-...	286	C16H30O4	1010353-55-8	72
3	Adipic acid, 2-hexyl isobutyl ester	286	C16H30O4	1000353-70-9	72
4	Adipic acid, isobutyl 2-octyl ester	314	C18H34O4	1000324-44-5	56
5	Adipic acid, butyl non-5-yn-3-yl...	324	C19H32O4	1000324-32-5	50





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Sample : 02109-03
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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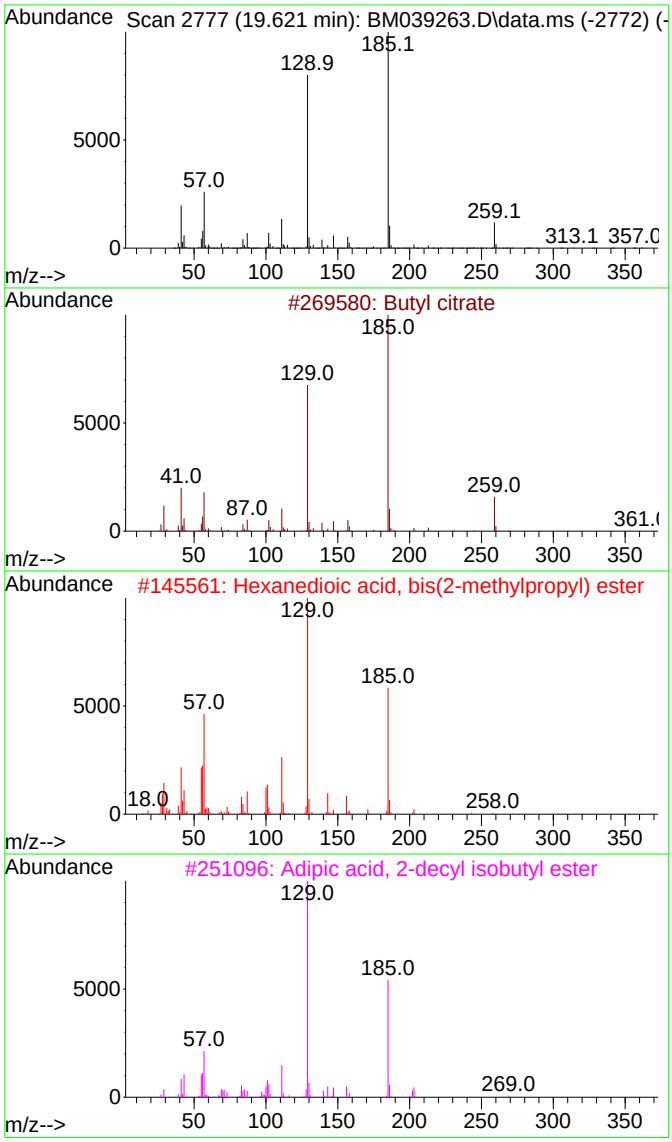
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

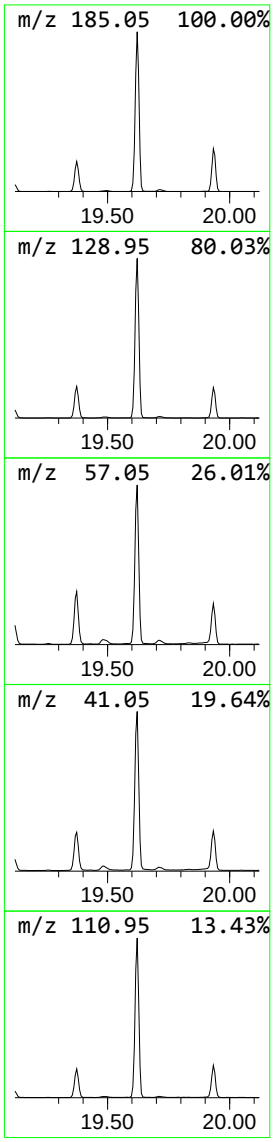
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexanedioic acid, bis(2-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.621	86.03 ng	11331100	Chrysene-d12	21.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	81
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	56
3	Adipic acid, 2-decyl isobutyl ester	342	C20H38O4	1000353-59-6	50
4	Adipic acid, cycloheptyl isobuty...	298	C17H30O4	1000324-71-5	43
5	Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039263.D
Acq On : 31 Mar 2023 21:13
Operator : CG/JU
Sample : 02109-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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-...	5.004	18.7	ng	1187530	1	7.916	1270520	20.0
Mesitylene	8.028	17.4	ng	1107130	1	7.916	1270520	20.0
Indane	8.287	6.7	ng	422200	1	7.916	1270520	20.0
Benzene, 1-meth...	8.463	8.1	ng	514936	1	7.916	1270520	20.0
Benzene, 1,3-di...	8.557	18.0	ng	1144710	1	7.916	1270520	20.0
Benzene, 1-meth...	8.722	5.8	ng	370875	1	7.916	1270520	20.0
Benzene, 2-ethy...	8.869	13.6	ng	866250	1	7.916	1270520	20.0
Benzene, 1-meth...	8.922	12.4	ng	786714	1	7.916	1270520	20.0
Benzene, 4-ethy...	9.022	26.3	ng	1673520	1	7.916	1270520	20.0
o-Cymene	9.357	6.5	ng	576861	2	10.728	1787660	20.0
Benzene, 1,2,3,...	9.545	14.2	ng	1269120	2	10.728	1787660	20.0
Benzene, 1,2,4,...	9.610	23.2	ng	2077500	2	10.728	1787660	20.0
3-Phenylbut-1-ene	10.122	17.2	ng	1535920	2	10.728	1787660	20.0
Ethanol, 2-(2-b...	10.504	9.0	ng	801065	2	10.728	1787660	20.0
n-Hexadecanoic ...	18.203	4.8	ng	560597	4	17.310	2316100	20.0
Adipic acid, 3-...	18.856	15.9	ng	1838770	4	17.310	2316100	20.0
Butyl citrate	19.121	6.8	ng	787243	4	17.310	2316100	20.0
Adipic acid, bu...	19.374	23.0	ng	2665190	4	17.310	2316100	20.0
Hexanedioic aci...	19.621	86.0	ng	11331100	5	21.492	2634200	20.0