

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041315.D
 Acq On : 07 Aug 2023 16:50
 Operator : MA/JU
 Sample : 03903-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-07W

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-BM072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041315.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.957	127	131	143	rVB	114547	189857	1.70%	0.255%
2	5.281	350	356	364	rBV	1105227	1568458	14.08%	2.109%
3	5.363	364	370	374	rVV	1180925	1689577	15.17%	2.272%
4	5.416	374	379	393	rVB	2811515	5919303	53.13%	7.959%
5	5.781	434	441	450	rBV	1392554	2050564	18.41%	2.757%
6	6.257	516	522	529	rBV	174198	262128	2.35%	0.352%
7	6.751	599	606	613	rBV	463120	663585	5.96%	0.892%
8	6.863	618	625	630	rVV	1671834	2350941	21.10%	3.161%
9	6.922	630	635	639	rVV	800763	1141467	10.25%	1.535%
10	6.969	639	643	646	rVV	672528	1139817	10.23%	1.533%
11	6.998	646	648	656	rVB	751934	938408	8.42%	1.262%
12	7.163	669	676	687	rVB	661415	962037	8.64%	1.294%
13	7.428	709	721	736	rBV	1767851	2621183	23.53%	3.525%
14	7.786	776	782	791	rBV2	557581	973225	8.74%	1.309%
15	7.892	794	800	810	rVB	360719	585127	5.25%	0.787%
16	8.151	838	844	852	rVB	146676	232337	2.09%	0.312%
17	8.269	858	864	869	rBV	118750	174531	1.57%	0.235%
18	8.328	869	874	882	rVB	191909	283400	2.54%	0.381%
19	8.422	882	890	895	rBV2	361193	573067	5.14%	0.771%
20	8.581	912	917	924	rBV	82529	124624	1.12%	0.168%
21	8.733	936	943	948	rBV	125577	187805	1.69%	0.253%
22	8.786	948	952	961	rVB	115089	164504	1.48%	0.221%
23	8.886	961	969	975	rBV	203133	314922	2.83%	0.423%
24	8.969	975	983	997	rBV	1959510	3192323	28.65%	4.292%
25	9.475	1063	1069	1077	rVB	91648	145105	1.30%	0.195%
26	9.986	1151	1156	1162	rVB2	88897	147882	1.33%	0.199%
27	10.380	1216	1223	1241	rBV	268970	546891	4.91%	0.735%
28	10.592	1252	1259	1266	rBV	746460	1264851	11.35%	1.701%
29	13.074	1673	1681	1692	rBV	5377633	7510083	67.41%	10.098%
30	14.457	1908	1916	1931	rBV	1276568	1872667	16.81%	2.518%
31	15.827	2144	2149	2160	rBV	115758	166309	1.49%	0.224%
32	15.957	2164	2171	2188	rBV	4604180	6625478	59.47%	8.909%
33	17.215	2379	2385	2398	rBV	1665197	2314284	20.77%	3.112%
34	18.115	2533	2538	2548	rBV	404414	625708	5.62%	0.841%
35	18.868	2660	2666	2681	rBV	1771209	2526366	22.68%	3.397%
36	19.397	2752	2756	2767	rBV	283874	439743	3.95%	0.591%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.856	2828	2834	2839	rBV	9398215	11140733	100.00%	14.980%
38	21.121	3046	3049	3058	rBV	174540	241074	2.16%	0.324%
39	21.421	3095	3100	3109	rBV	1889735	2322449	20.85%	3.123%
40	22.597	3294	3300	3312	rVB	4555446	6177750	55.45%	8.307%
41	23.791	3497	3503	3511	rVB	1068820	1999430	17.95%	2.688%

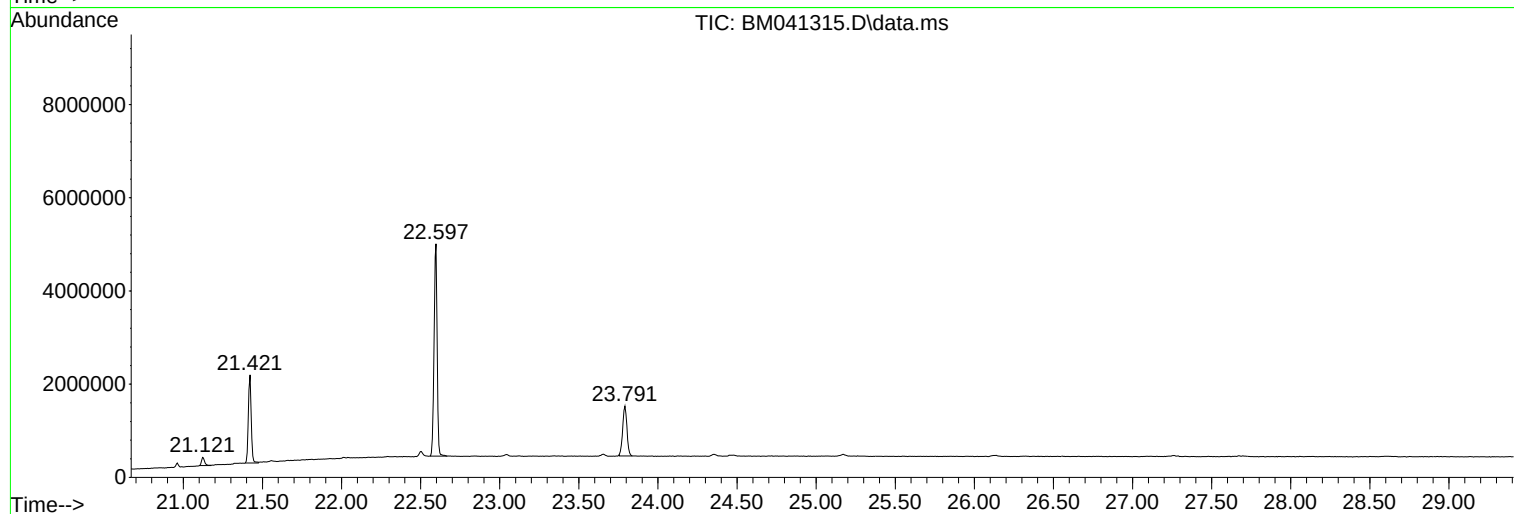
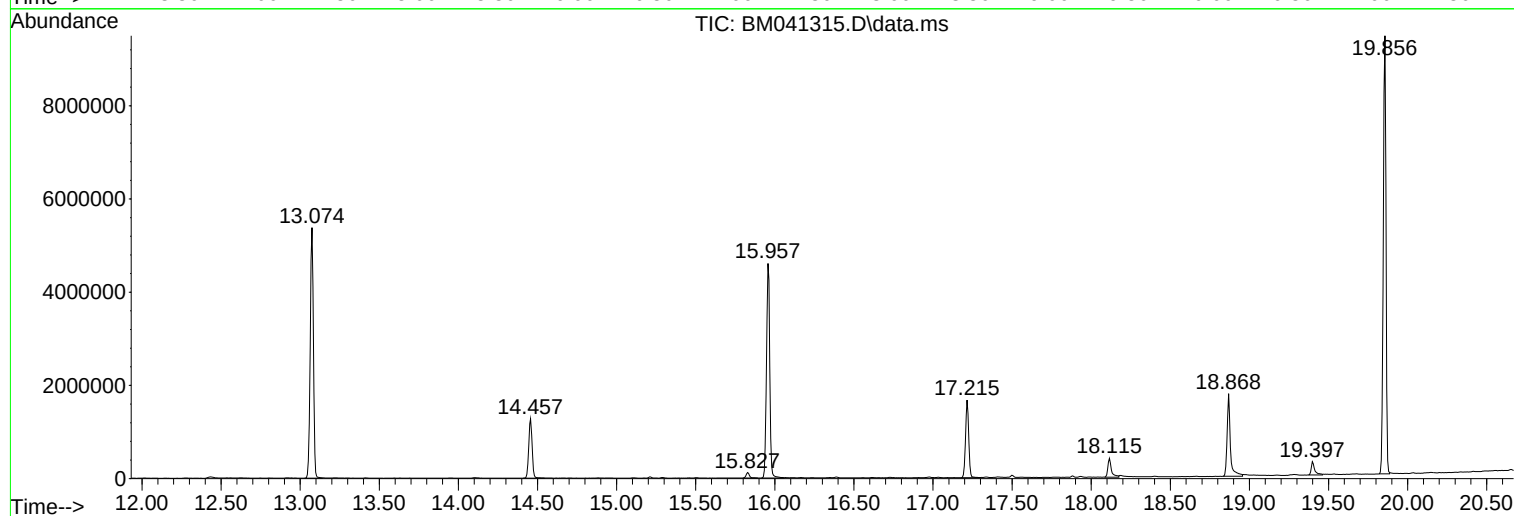
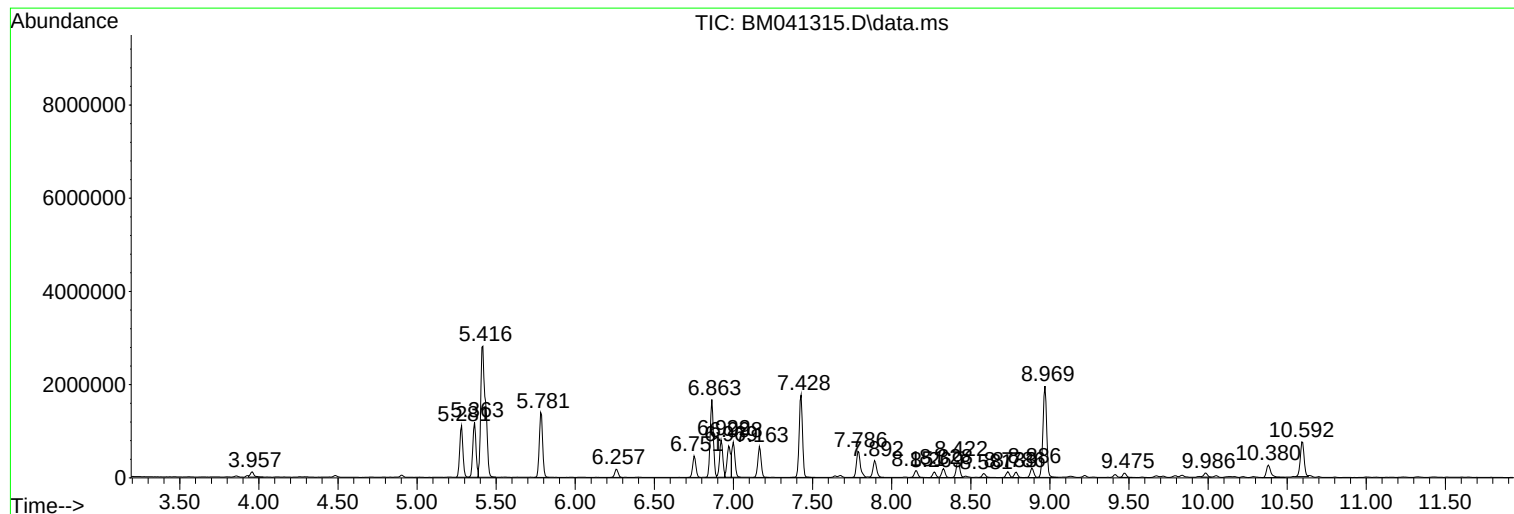
Sum of corrected areas: 74369993

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

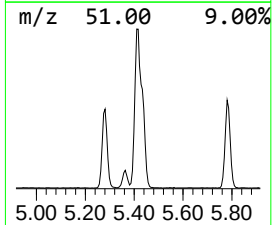
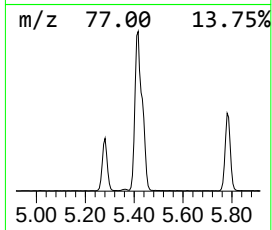
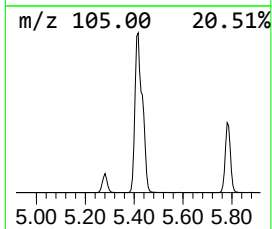
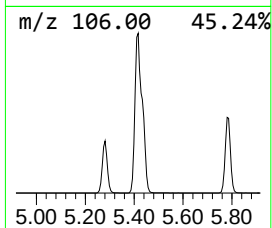
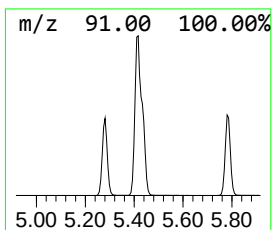
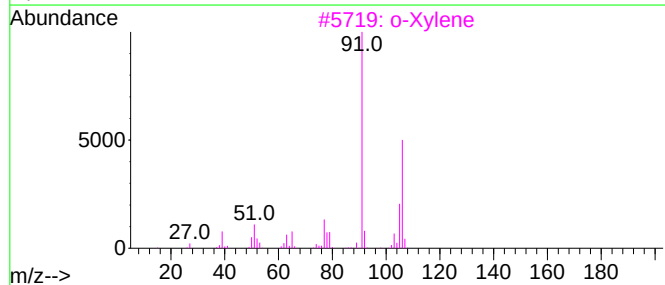
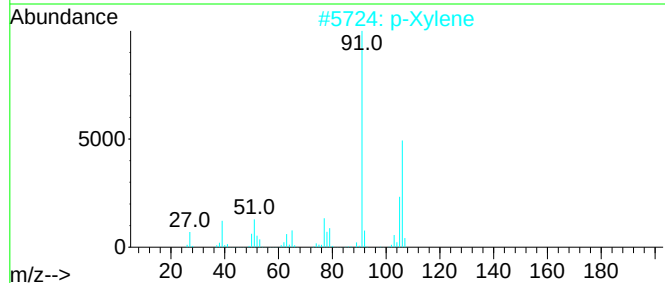
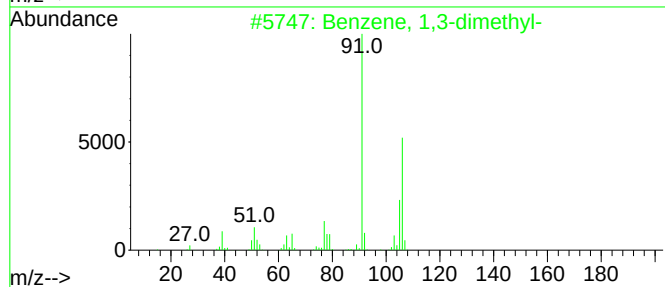
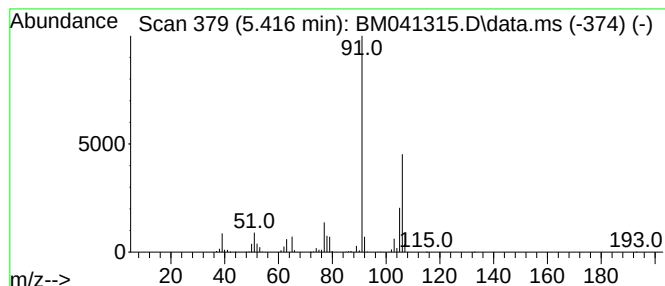
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.416	121.64 ng	5919300	1,4-Dichlorobenzene-d4	7.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2			p-Xylene	106	C8H10	000106-42-3	97
3			o-Xylene	106	C8H10	000095-47-6	97
4			Ethylbenzene	106	C8H10	000100-41-4	87
5			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

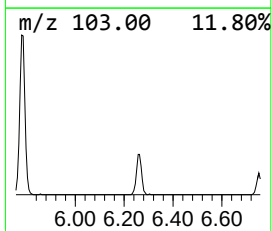
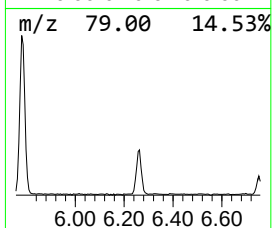
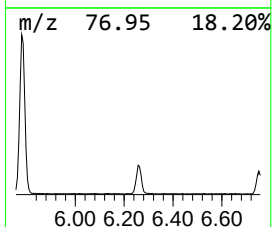
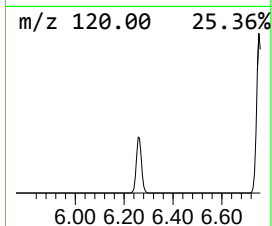
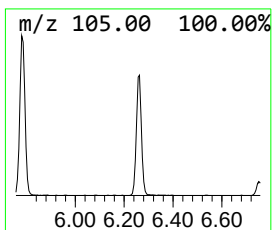
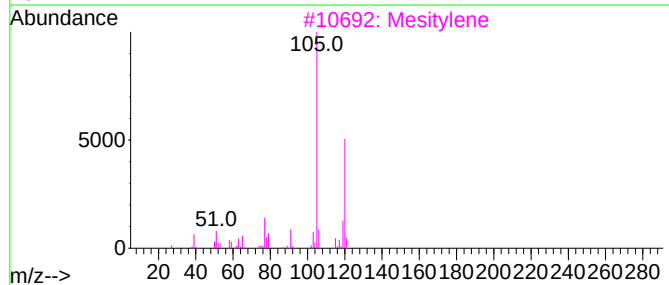
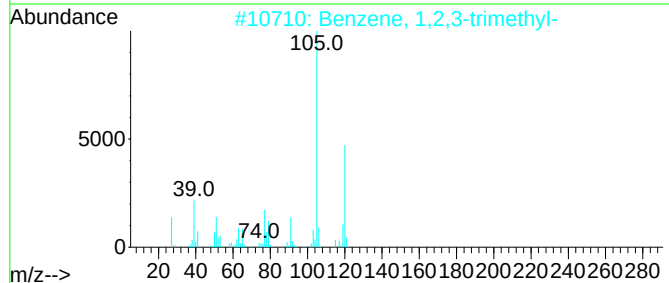
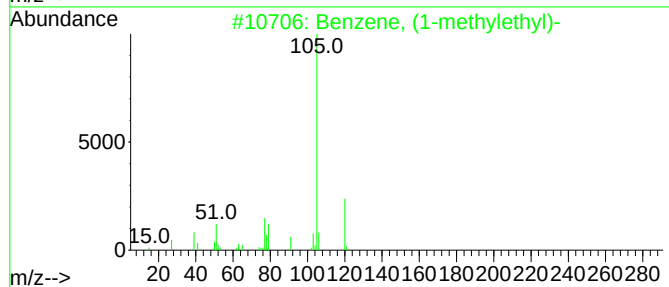
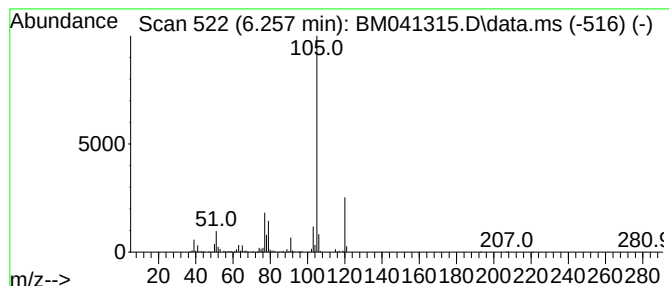
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.257	5.39 ng	262128	1,4-Dichlorobenzene-d4	7.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3			Mesitylene	120	C9H12	000108-67-8	86
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

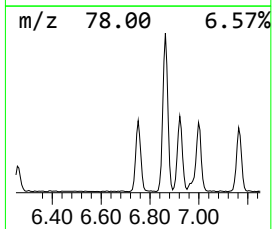
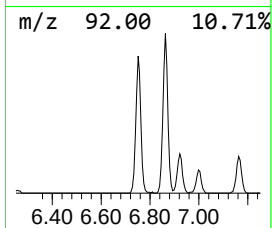
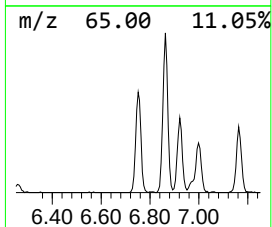
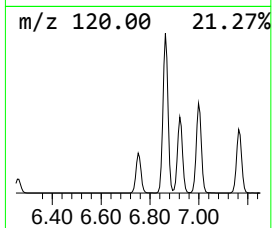
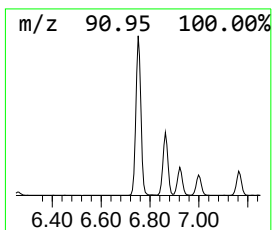
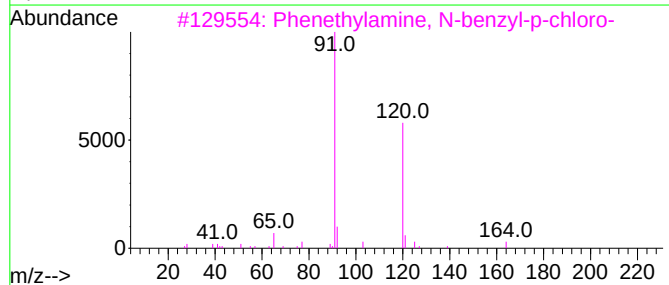
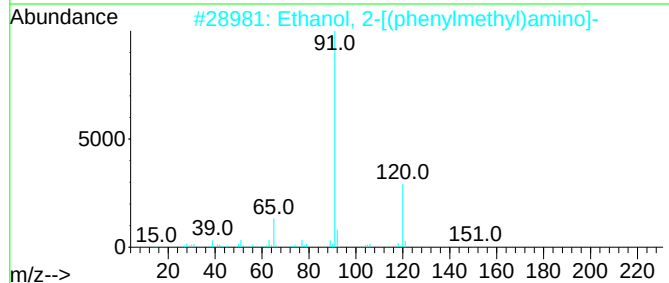
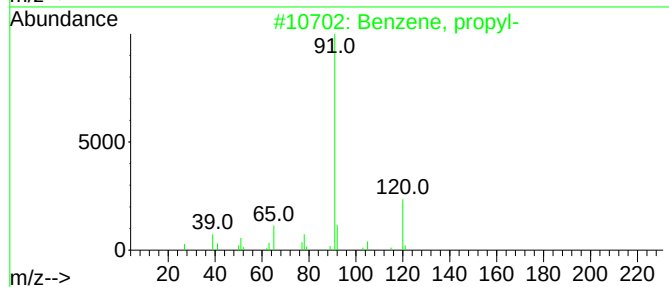
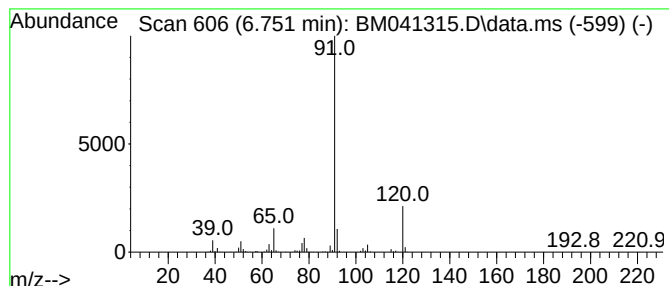
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.751	13.64 ng	663585	1,4-Dichlorobenzene-d4	7.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
3			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4			1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5			N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

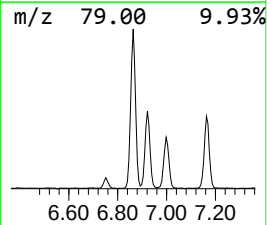
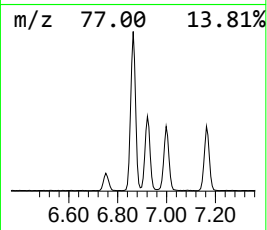
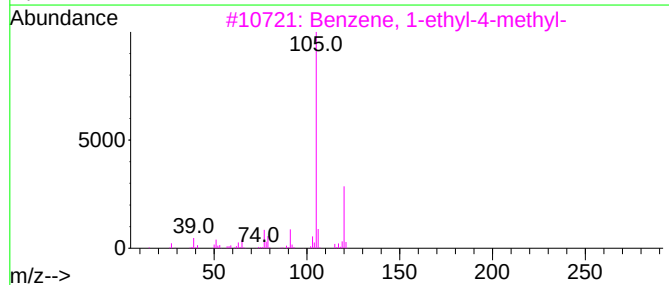
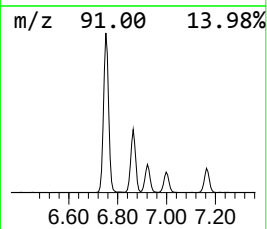
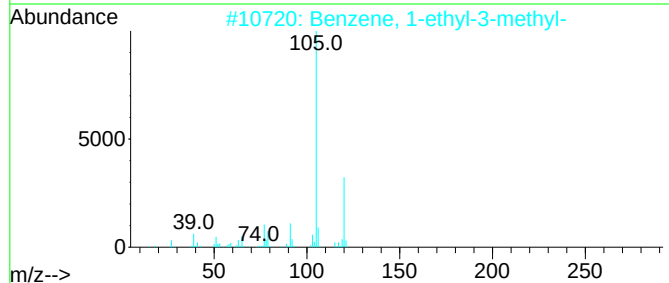
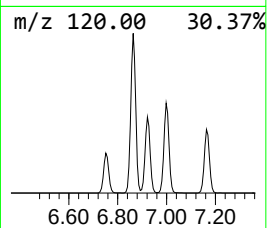
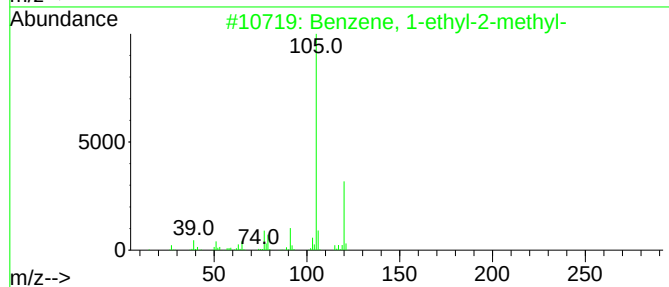
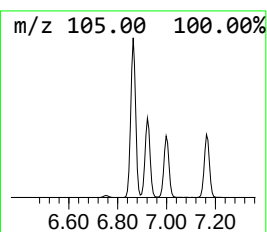
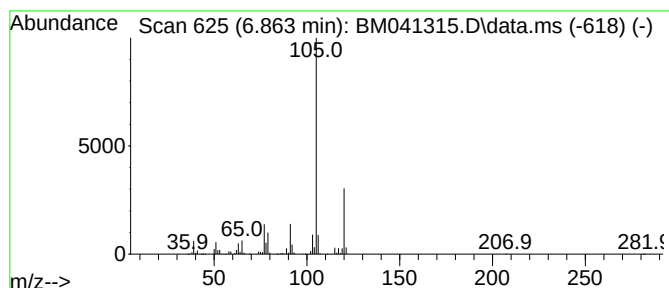
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.863	48.31 ng	2350940	1,4-Dichlorobenzene-d4	7.786

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			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

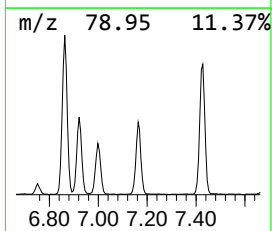
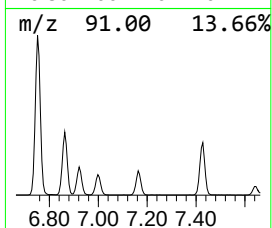
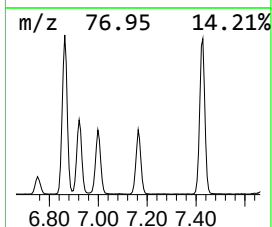
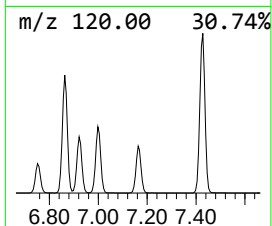
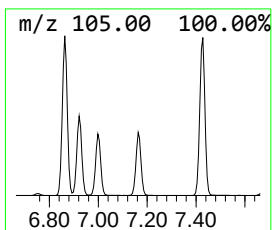
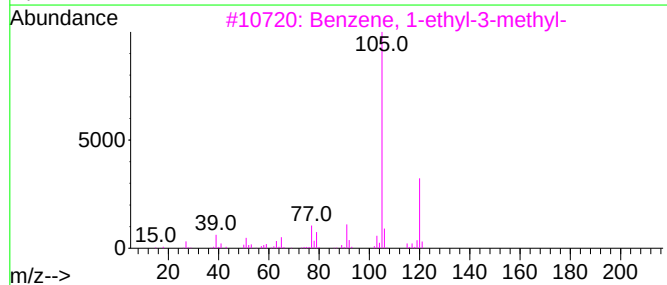
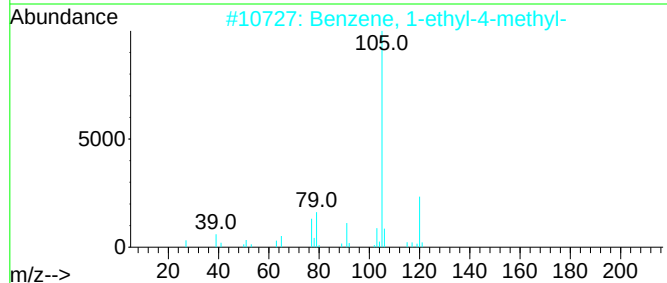
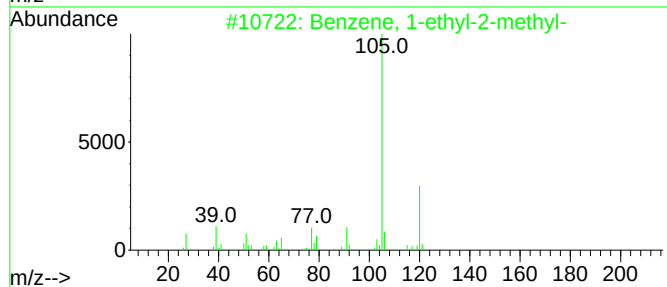
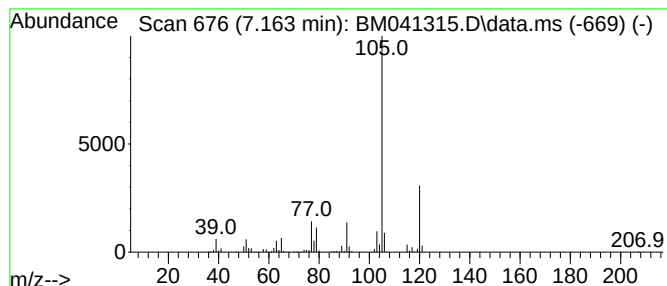
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	19.77 ng	962037	1,4-Dichlorobenzene-d4	7.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
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\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

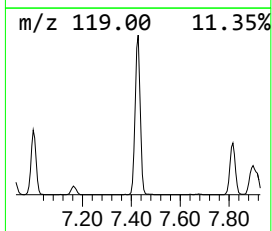
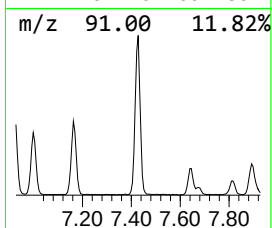
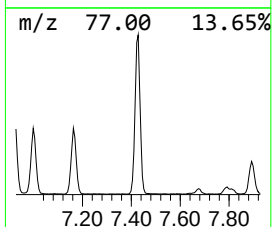
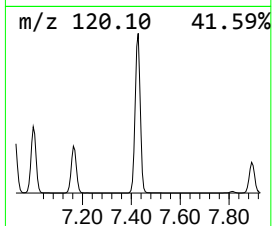
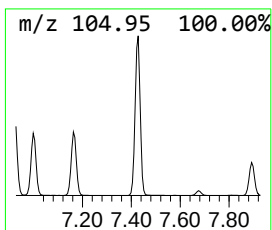
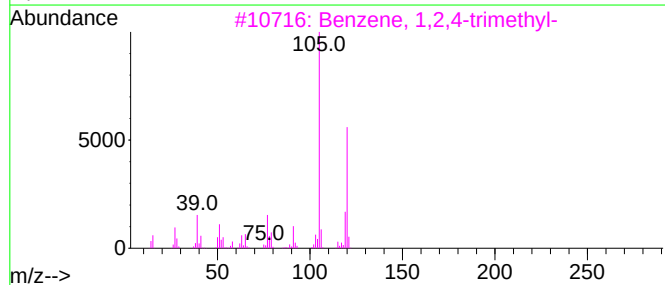
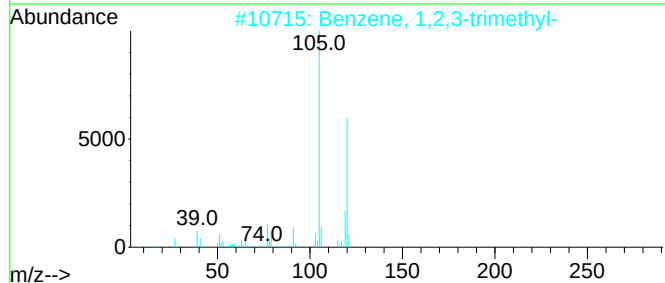
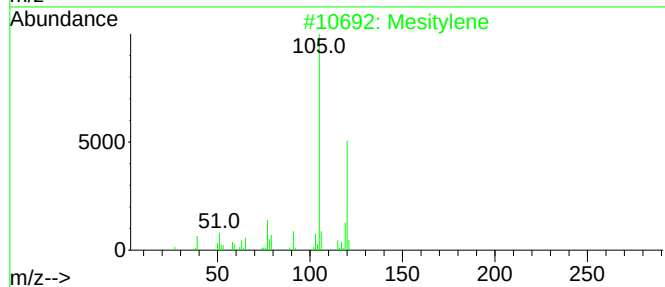
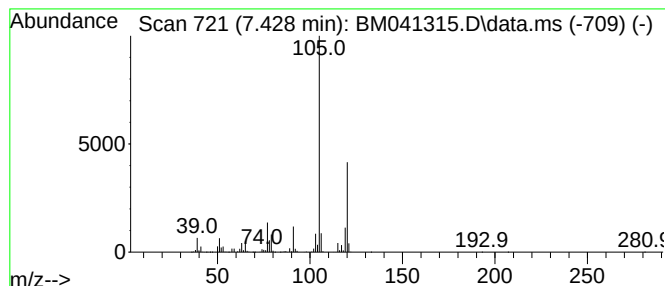
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.428	53.87 ng	2621180	1,4-Dichlorobenzene-d4	7.786

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	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

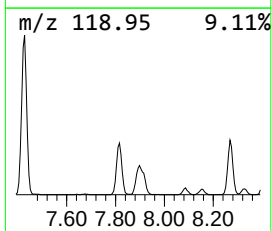
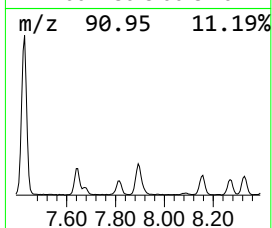
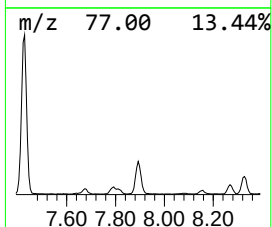
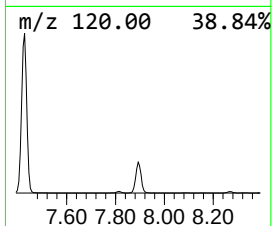
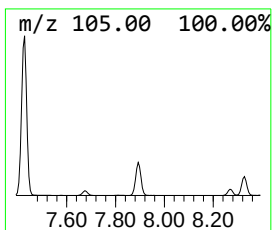
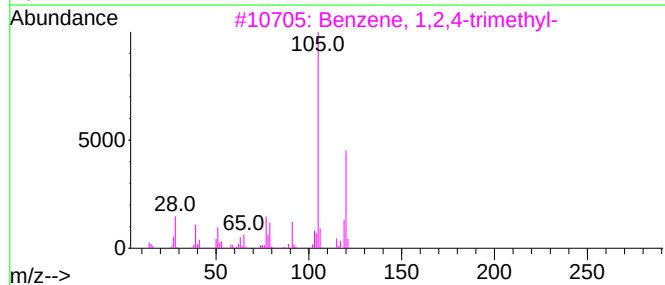
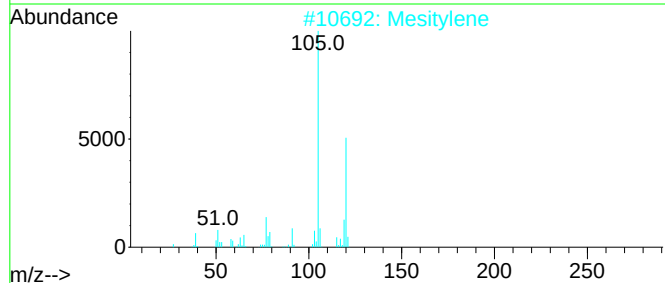
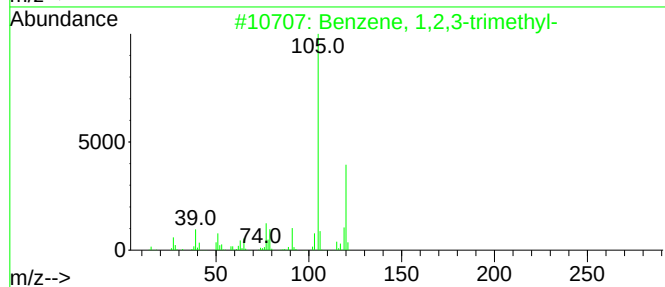
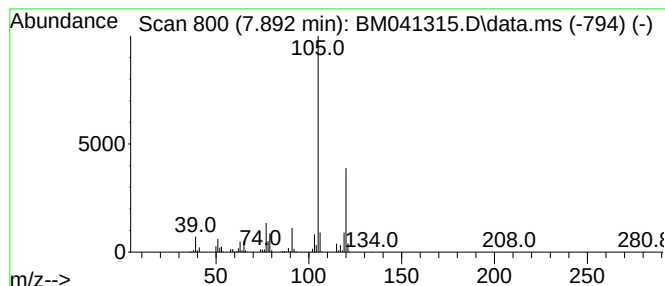
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.892	12.02 ng	585127	1,4-Dichlorobenzene-d4	7.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	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	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

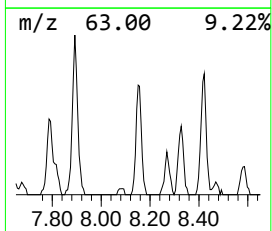
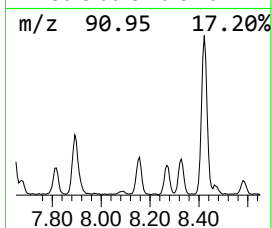
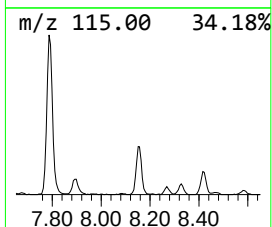
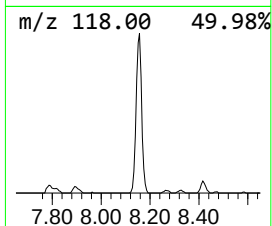
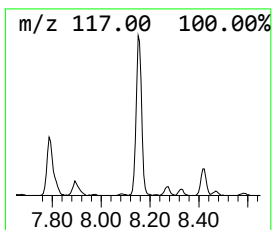
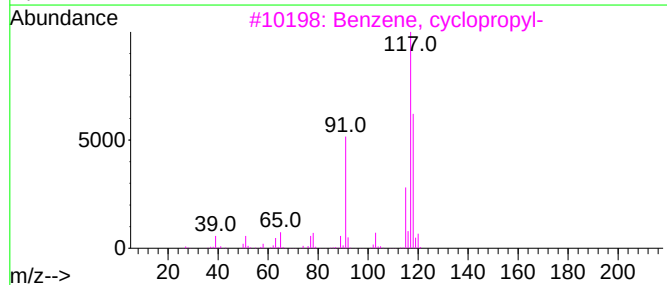
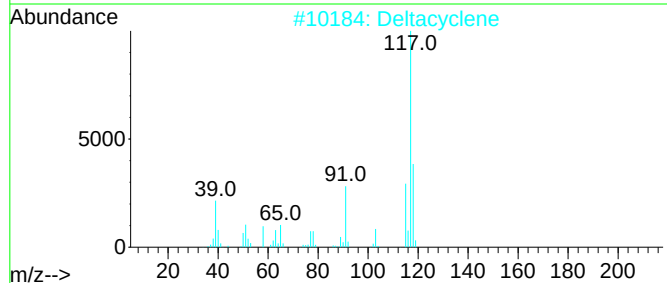
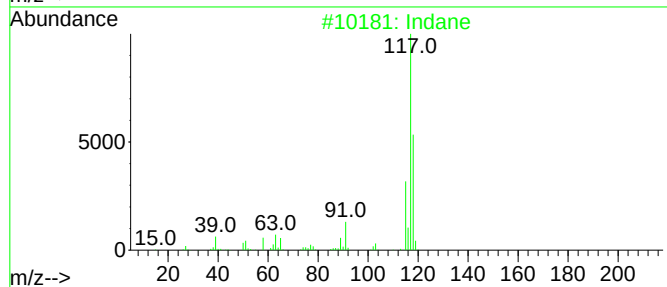
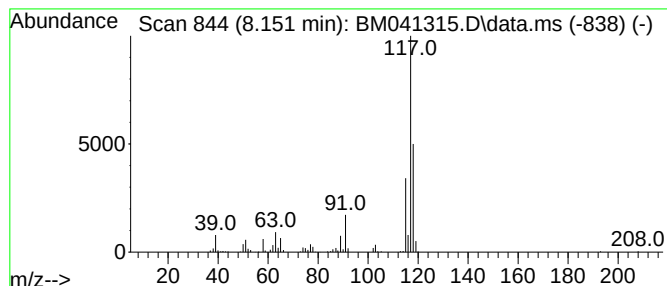
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.151	4.77 ng	232337	1,4-Dichlorobenzene-d4	7.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indane	118	C9H10	000496-11-7	93
2		Deltacyclene	118	C9H10	007785-10-6	76
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4		1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	64
5		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

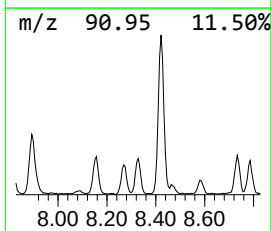
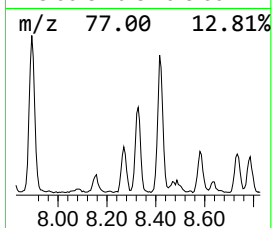
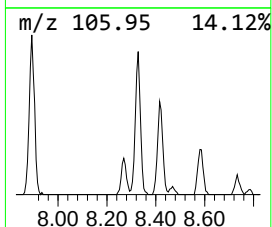
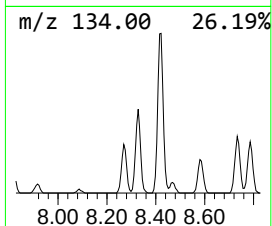
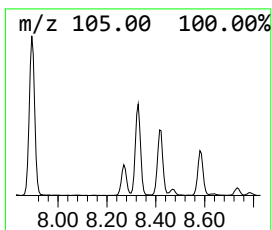
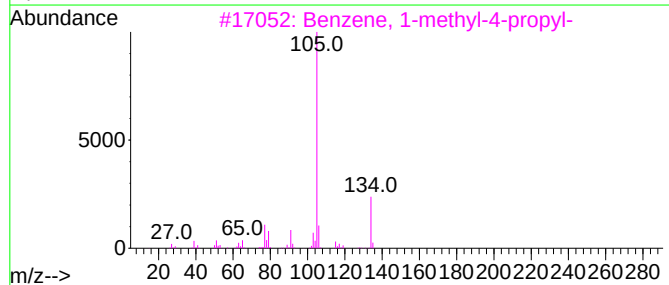
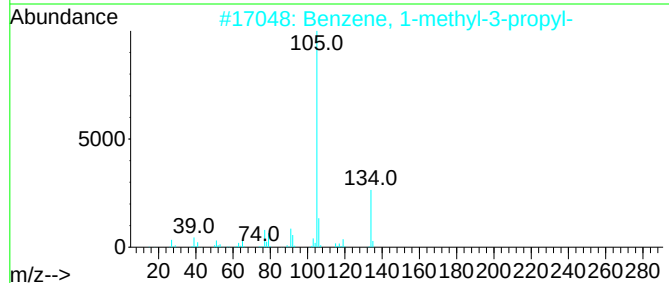
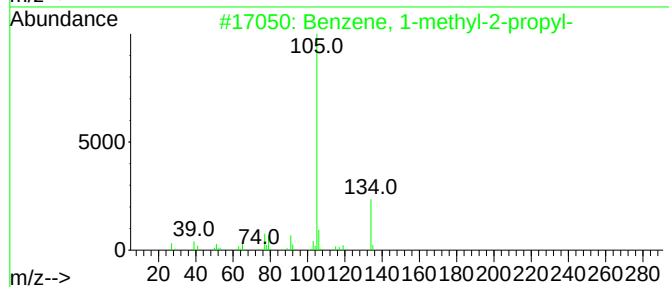
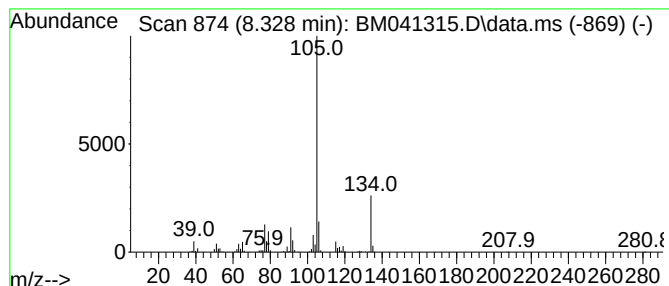
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-2-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.328	5.82 ng	283400	1,4-Dichlorobenzene-d4	7.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

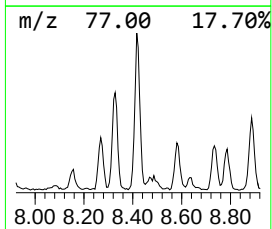
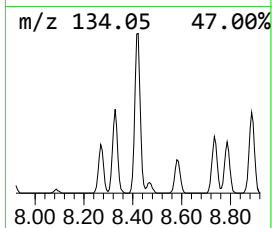
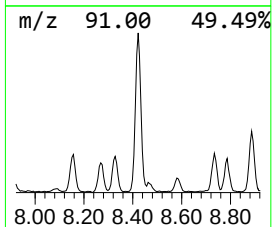
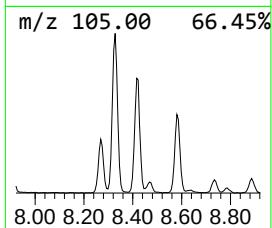
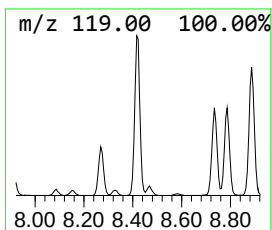
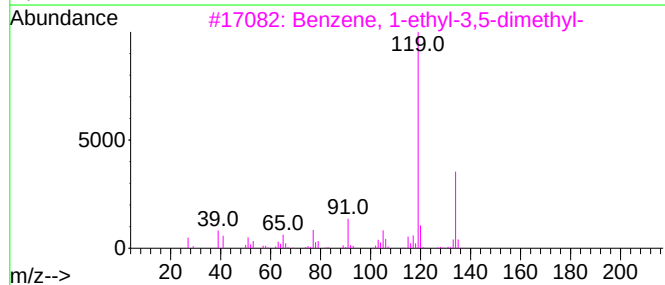
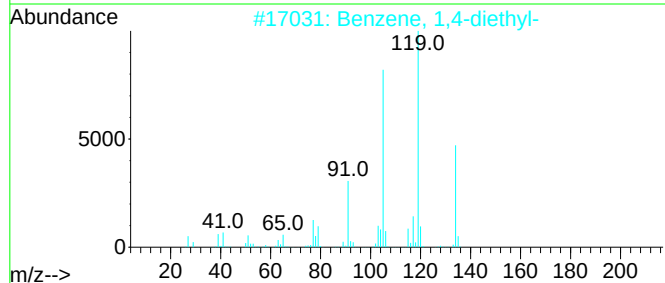
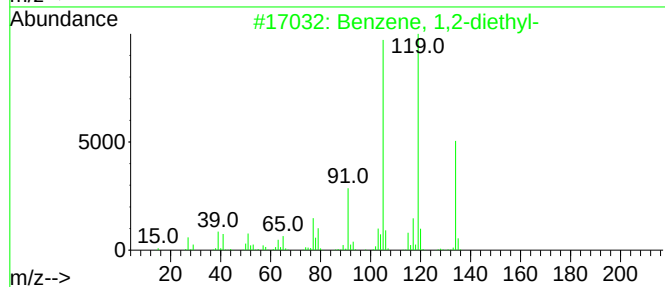
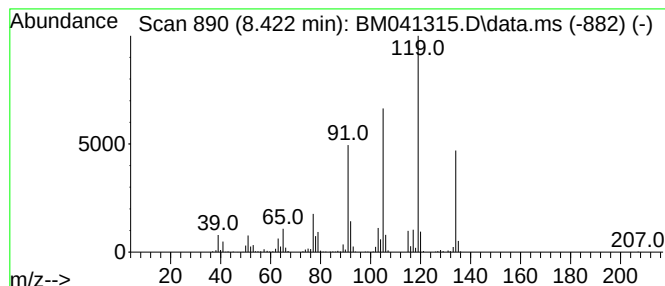
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	11.78 ng	573067	1,4-Dichlorobenzene-d4	7.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

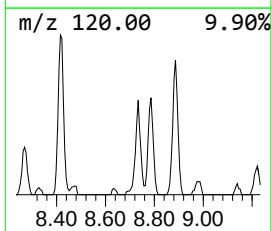
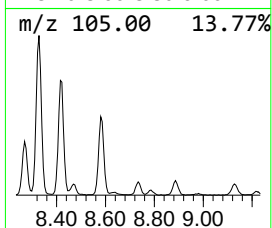
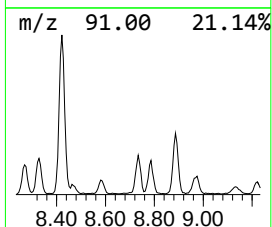
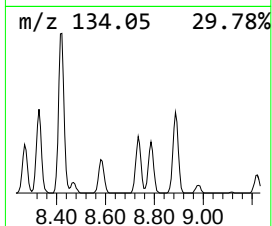
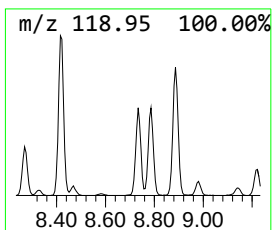
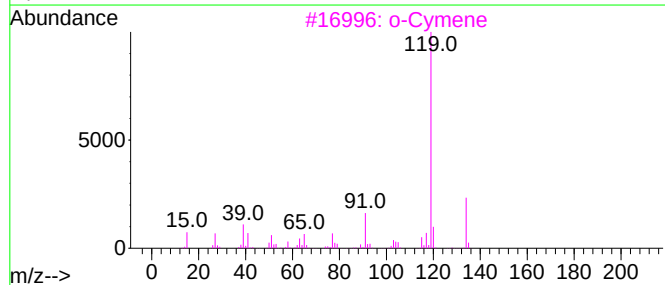
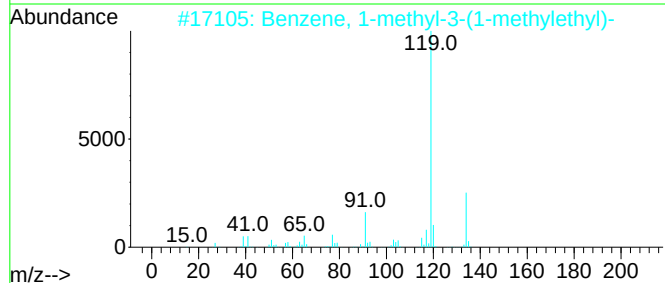
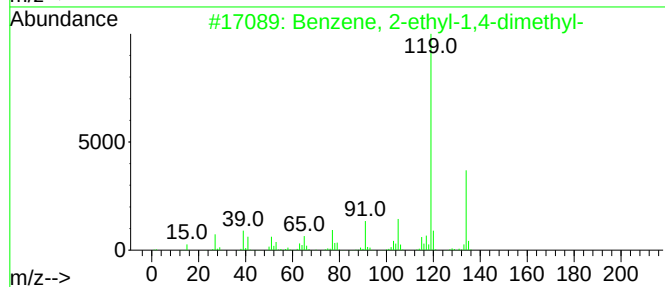
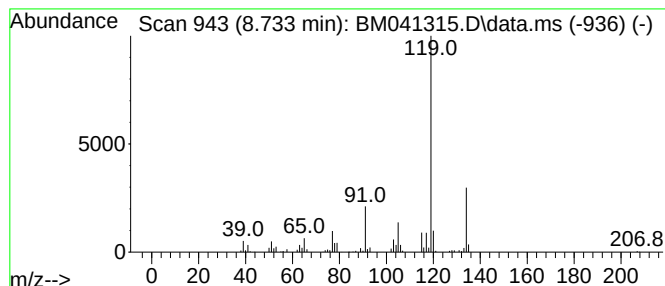
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.733	3.86 ng	187805	1,4-Dichlorobenzene-d4	7.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			p-Cymene	134	C10H14	000099-87-6	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

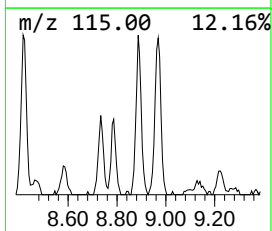
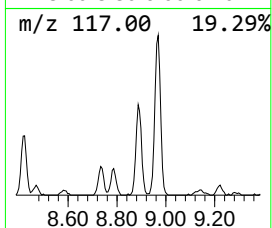
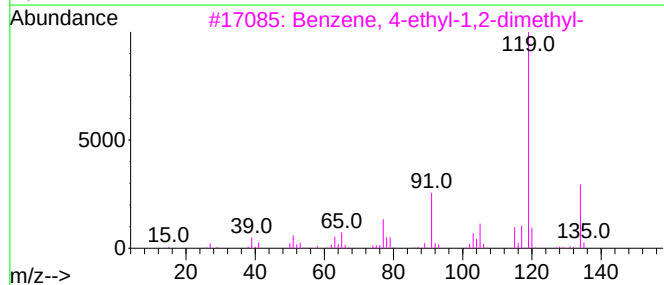
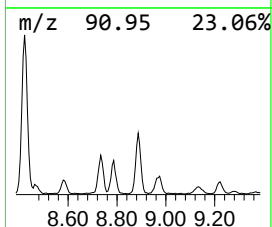
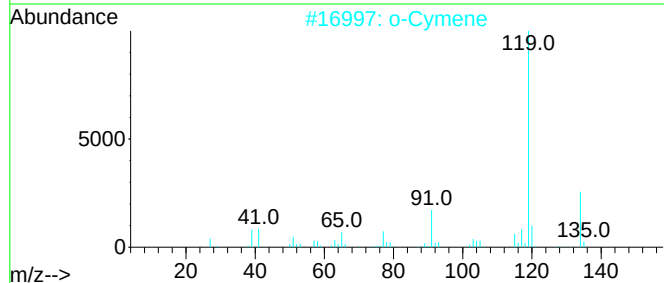
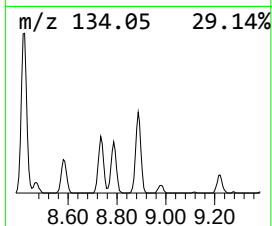
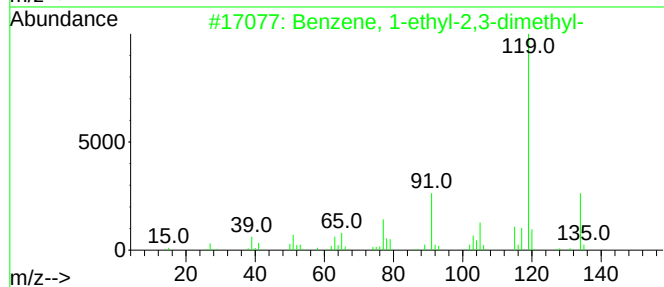
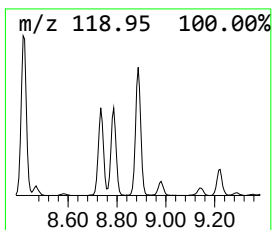
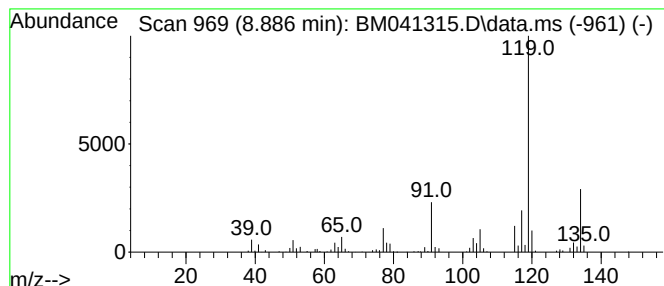
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.886	6.47 ng	314922	1,4-Dichlorobenzene-d4	7.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4		p-Cymene	134	C10H14	000099-87-6	93
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

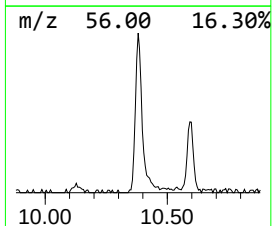
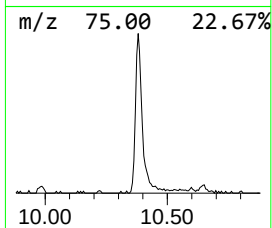
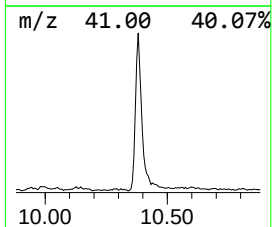
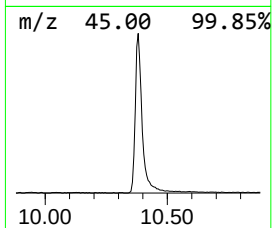
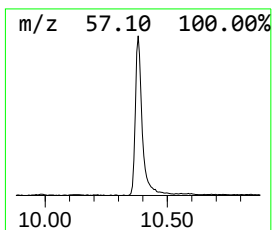
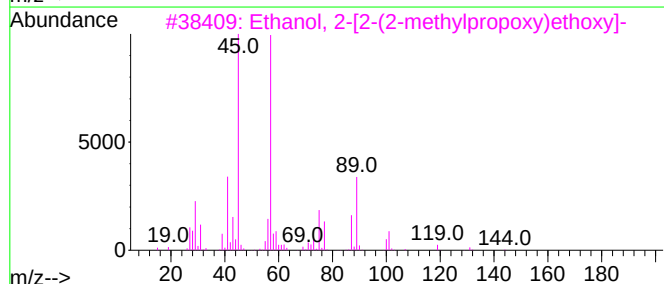
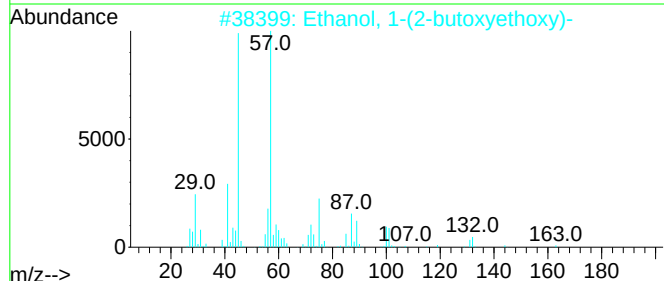
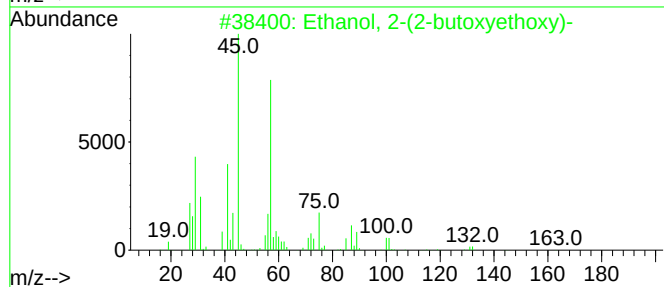
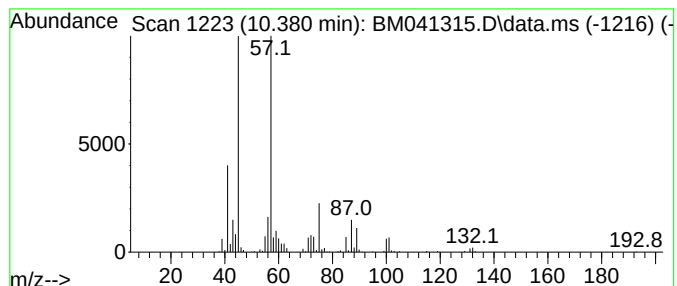
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.380	8.65 ng	546891	Naphthalene-d8	10.592

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	72
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

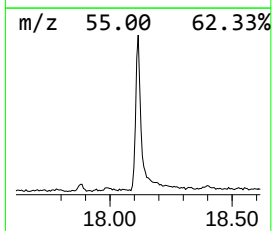
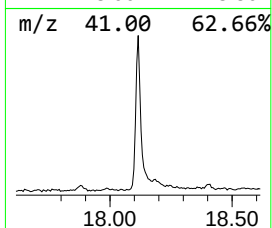
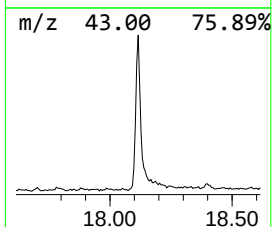
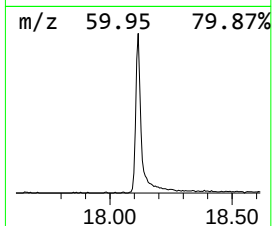
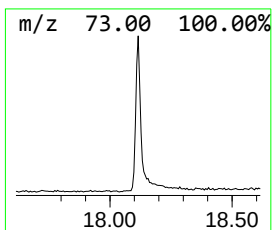
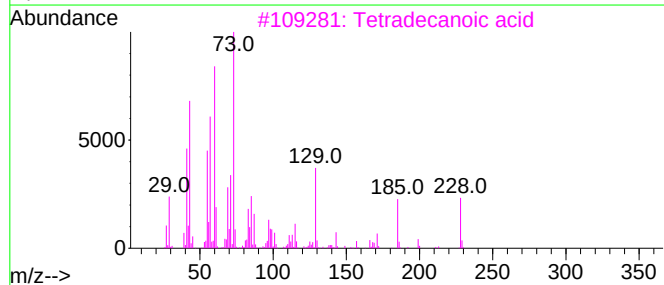
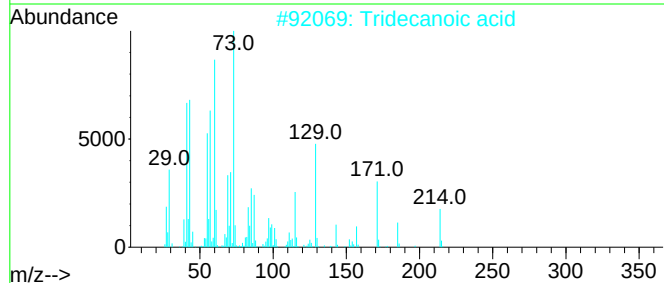
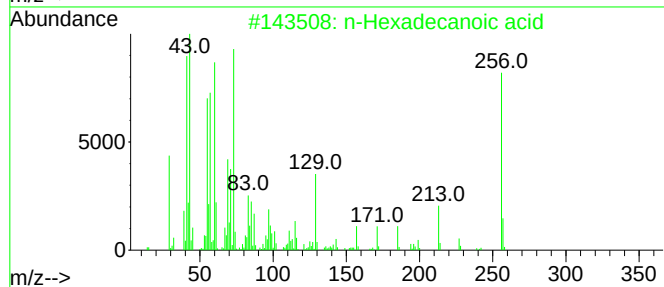
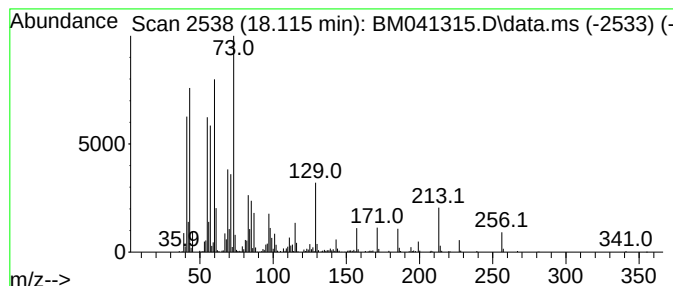
Instrument :
BNA_M
ClientSampleId :
MW-07W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.115	5.41 ng	625708	Phenanthrene-d10	17.215	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

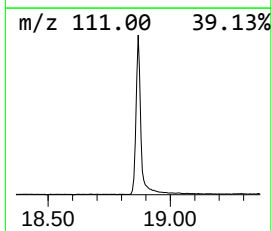
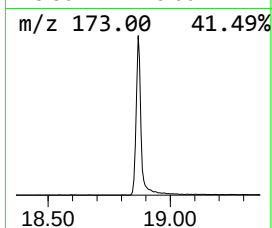
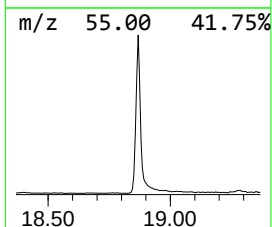
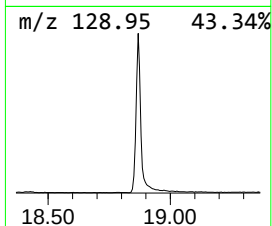
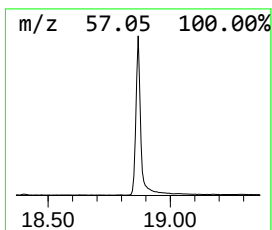
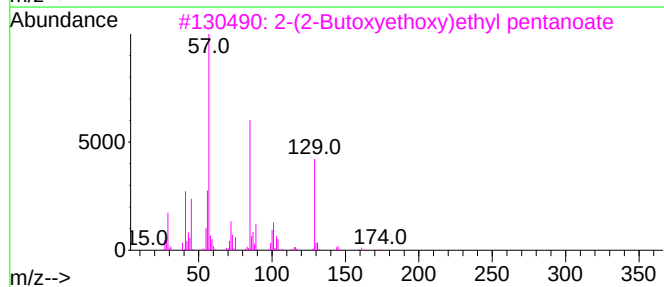
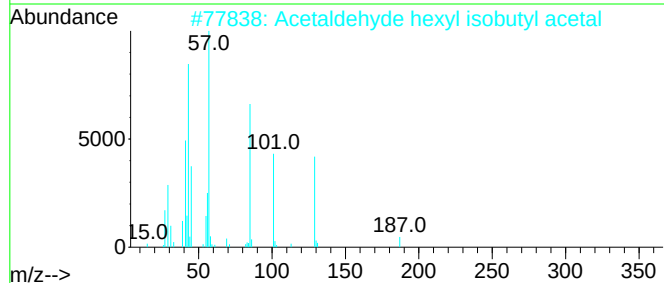
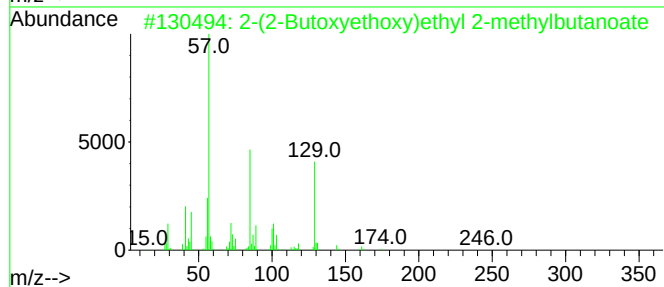
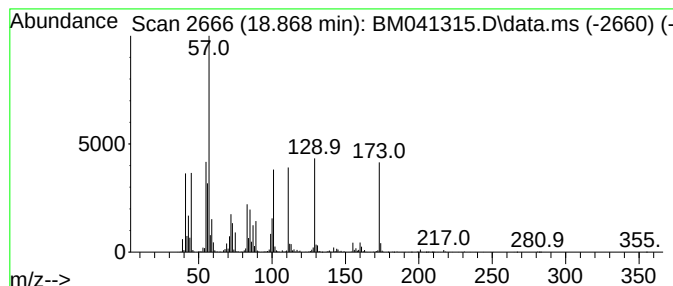
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown18.868 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.868	21.83 ng	2526370	Phenanthrene-d10	17.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Butoxyethoxy)ethyl 2-methyl...	246	C13H26O4	1000366-96-6	22		
2	Acetaldehyde hexyl isobutyl acetal	202	C12H26O2	1000430-99-4	14		
3	2-(2-Butoxyethoxy)ethyl pentanoate	246	C13H26O4	1000367-00-4	12		
4	2-(2-(2-Butoxyethoxy)ethoxy)ethy...	290	C15H30O5	1000366-97-3	12		
5	3-Ethyl-4-oxohexanoic acid, ethy...	186	C10H18O3	061454-96-4	12		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

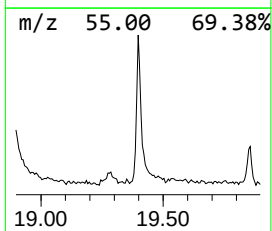
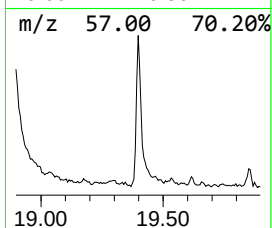
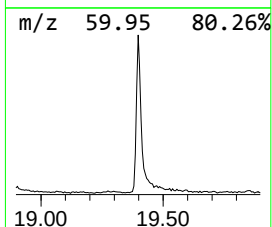
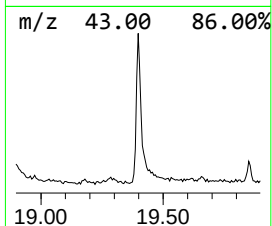
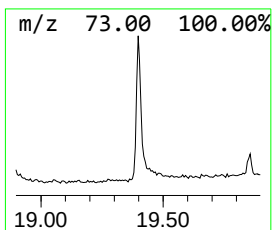
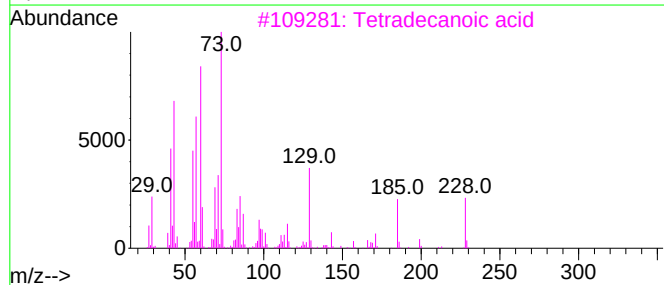
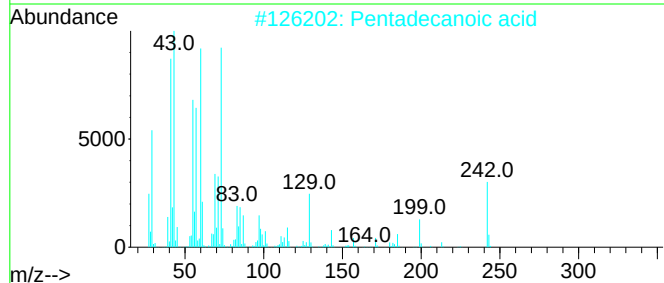
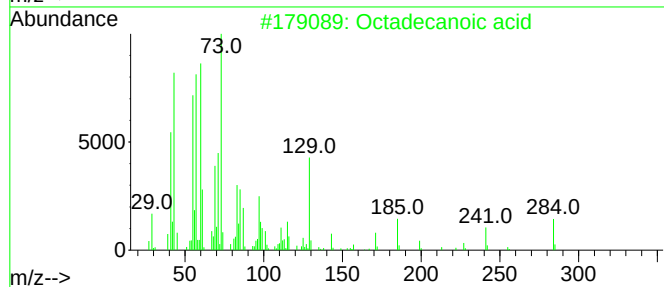
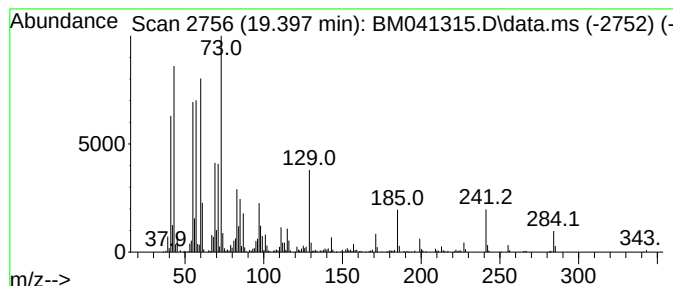
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	3.79 ng	439743	Chrysene-d12	21.421

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

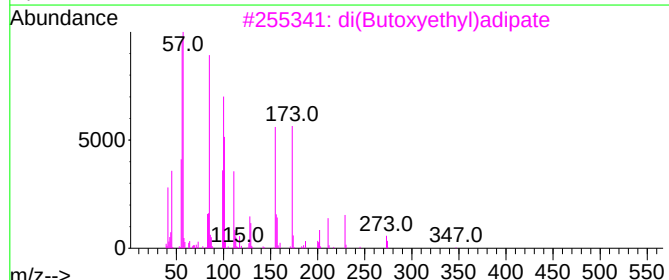
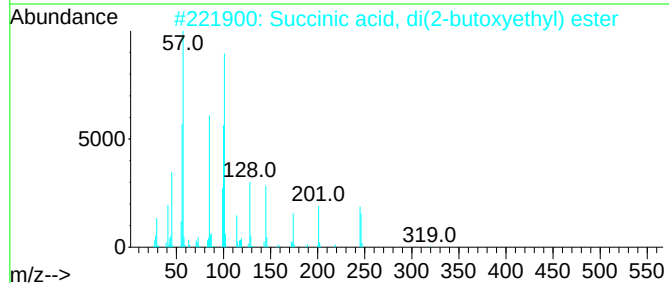
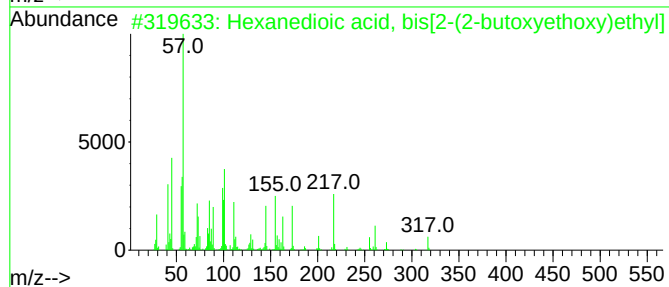
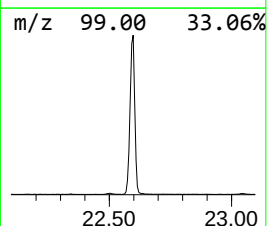
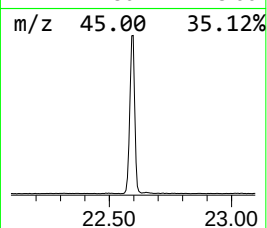
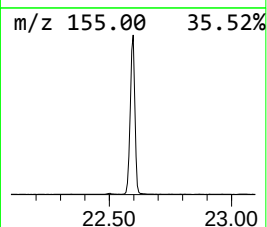
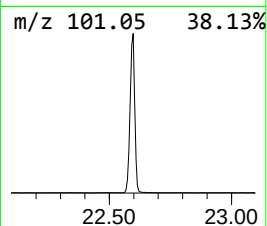
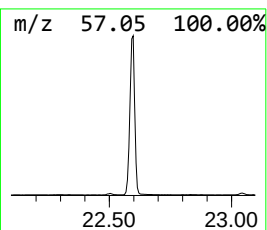
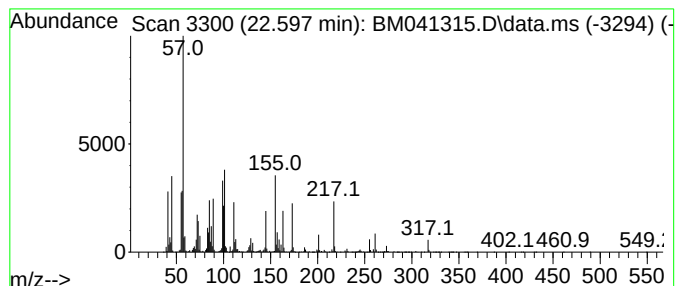
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexanedioic acid, bis[2-(2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.597	53.20 ng	6177750	Chrysene-d12	21.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, bis[2-(2-butox...	434	C22H42O8	000141-17-3	93
2			Succinic acid, di(2-butoxyethyl)...	318	C16H30O6	1010325-84-7	12
3			di(Butoxyethyl)adipate	346	C18H34O6	000141-18-4	12
4			1-Methyl-3-pyrrolidinol	101	C5H11NO	013220-33-2	10
5			Pentanoic acid, 4,4-dimethyl-3-o...	158	C8H14O3	055107-14-7	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041315.D
Acq On : 07 Aug 2023 16:50
Operator : MA/JU
Sample : 03903-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-07W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-di...	5.416	121.6	ng	5919300	1	7.786	973225	20.0
Benzene, (1-met...	6.257	5.4	ng	262128	1	7.786	973225	20.0
Benzene, propyl-	6.751	13.6	ng	663585	1	7.786	973225	20.0
Benzene, 1-ethy...	6.863	48.3	ng	2350940	1	7.786	973225	20.0
Benzene, 1-ethy...	7.163	19.8	ng	962037	1	7.786	973225	20.0
Mesitylene	7.428	53.9	ng	2621180	1	7.786	973225	20.0
Benzene, 1,2,3-...	7.892	12.0	ng	585127	1	7.786	973225	20.0
Indane	8.151	4.8	ng	232337	1	7.786	973225	20.0
Benzene, 1-meth...	8.328	5.8	ng	283400	1	7.786	973225	20.0
Benzene, 1,2-di...	8.422	11.8	ng	573067	1	7.786	973225	20.0
Benzene, 2-ethy...	8.733	3.9	ng	187805	1	7.786	973225	20.0
Benzene, 1-ethy...	8.886	6.5	ng	314922	1	7.786	973225	20.0
Ethanol, 2-(2-b...	10.380	8.7	ng	546891	2	10.592	1264850	20.0
n-Hexadecanoic ...	18.115	5.4	ng	625708	4	17.215	2314280	20.0
unknown18.868	18.868	21.8	ng	2526370	4	17.215	2314280	20.0
Octadecanoic acid	19.398	3.8	ng	439743	5	21.421	2322450	20.0
Hexanedioic aci...	22.597	53.2	ng	6177750	5	21.421	2322450	20.0