

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060992.D
 Acq On : 22 Apr 2024 15:20
 Operator : MA/JU
 Sample : P2127-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SILICA

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_G\Methods\8270-BG042024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060992.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.052	7	11	16	rBV	428730	431574	16.41%	2.251%
2	3.181	28	33	39	rVB	75353	114994	4.37%	0.600%
3	3.463	75	81	90	rVB	24352	31553	1.20%	0.165%
4	4.051	174	181	188	rBV2	33155	53234	2.02%	0.278%
5	4.156	190	199	206	rVB2	38288	78619	2.99%	0.410%
6	4.650	278	283	292	rBV	67578	94776	3.60%	0.494%
7	4.950	328	334	343	rBV2	23225	36108	1.37%	0.188%
8	5.055	343	352	365	rVB2	125708	256912	9.77%	1.340%
9	5.531	427	433	451	rBV	357111	714433	27.16%	3.726%
10	5.813	474	481	488	rBV	146098	219333	8.34%	1.144%
11	6.025	512	517	525	rVB	32578	51172	1.95%	0.267%
12	6.630	614	620	624	rBV2	17556	27113	1.03%	0.141%
13	6.818	647	652	653	rBV	25054	34509	1.31%	0.180%
14	6.847	653	657	664	rVB	104304	158615	6.03%	0.827%
15	7.112	695	702	705	rBV	92127	160215	6.09%	0.836%
16	7.165	705	711	726	rVB2	212389	618205	23.50%	3.224%
17	7.464	755	762	769	rVB	743109	1110687	42.22%	5.793%
18	7.576	774	781	787	rBV	379482	582433	22.14%	3.038%
19	7.940	837	843	849	rBV	99805	167667	6.37%	0.874%
20	8.017	849	856	863	rVB3	110147	228994	8.71%	1.194%
21	8.551	941	947	954	rBV	24297	43946	1.67%	0.229%
22	8.633	954	961	966	rVV	310915	491327	18.68%	2.562%
23	8.751	970	981	988	rVB3	164006	360559	13.71%	1.880%
24	9.092	1031	1039	1048	rVB	317235	572622	21.77%	2.986%
25	9.409	1085	1093	1104	rBV	149636	302455	11.50%	1.577%
26	9.697	1135	1142	1149	rBV	128631	213268	8.11%	1.112%
27	10.085	1202	1208	1222	rVB	120407	208629	7.93%	1.088%
28	10.502	1273	1279	1283	rBV4	26679	46259	1.76%	0.241%
29	10.625	1292	1300	1306	rVB	714106	1271949	48.36%	6.634%
30	10.737	1313	1319	1326	rBV	123206	225510	8.57%	1.176%
31	11.401	1427	1432	1440	rVB	82711	141233	5.37%	0.737%
32	12.100	1544	1551	1559	rVB	829046	1404313	53.39%	7.324%
33	12.376	1594	1598	1604	rVB2	37154	58994	2.24%	0.308%
34	12.594	1627	1635	1641	rBV	925921	1274001	48.43%	6.644%
35	13.005	1696	1705	1712	rVB7	16796	34425	1.31%	0.180%
36	13.193	1730	1737	1743	rVB	915083	1376103	52.32%	7.177%

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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_G\Methods\8270-BG042024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.363	1762	1766	1772	rVB	31976	50170	1.91%	0.262%
38	13.833	1838	1846	1855	rBV2	17913	29055	1.10%	0.152%
39	14.568	1963	1971	1977	rBV	230215	349910	13.30%	1.825%
40	16.054	2217	2224	2236	rBV	906164	1398083	53.15%	7.291%
41	17.312	2432	2438	2445	rBV	303270	456525	17.36%	2.381%
42	19.938	2878	2885	2892	rBV	2082430	2630406	100.00%	13.718%
43	21.571	3158	3163	3169	rVB2	319338	514864	19.57%	2.685%
44	24.697	3685	3695	3704	rBV	200348	548789	20.86%	2.862%

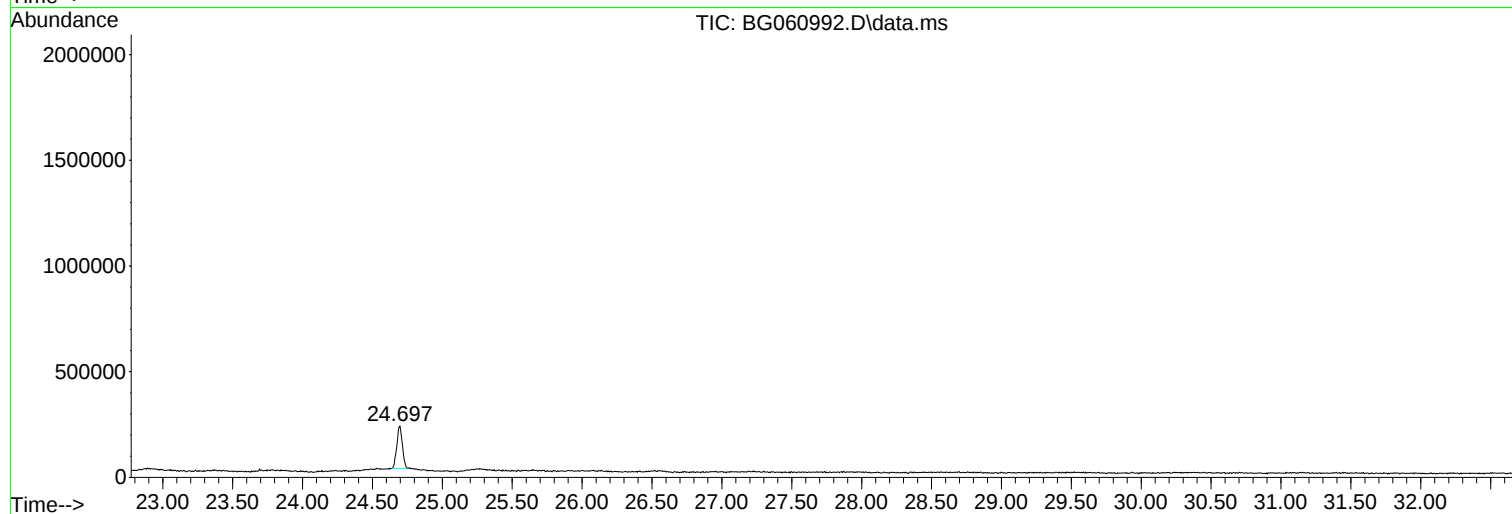
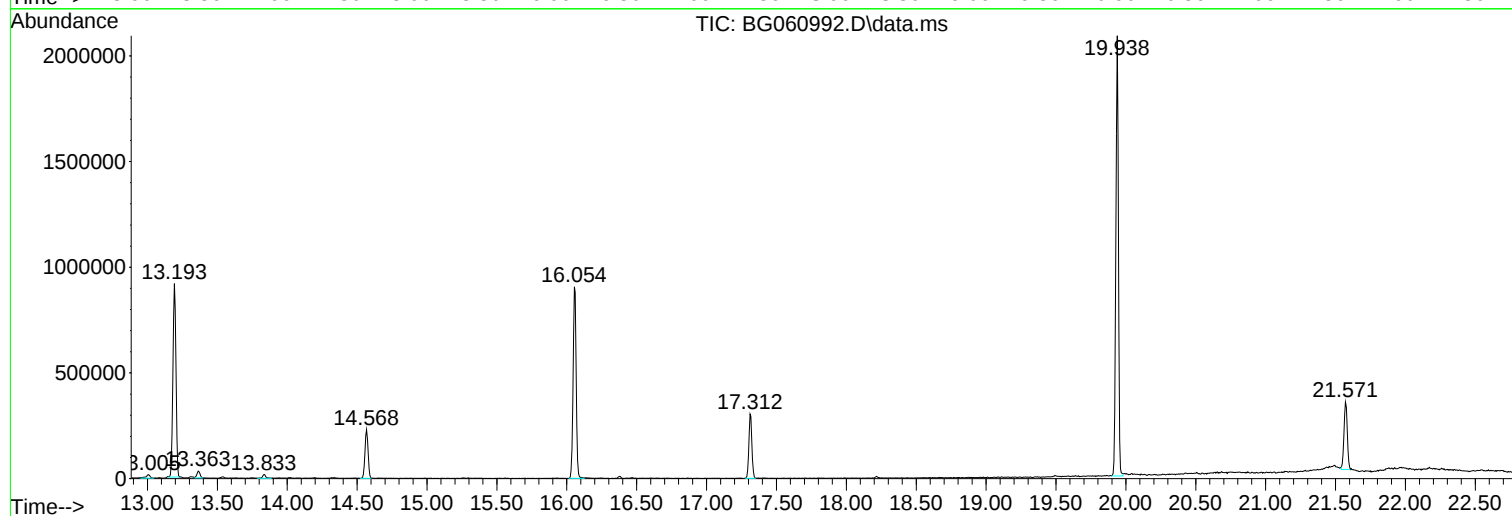
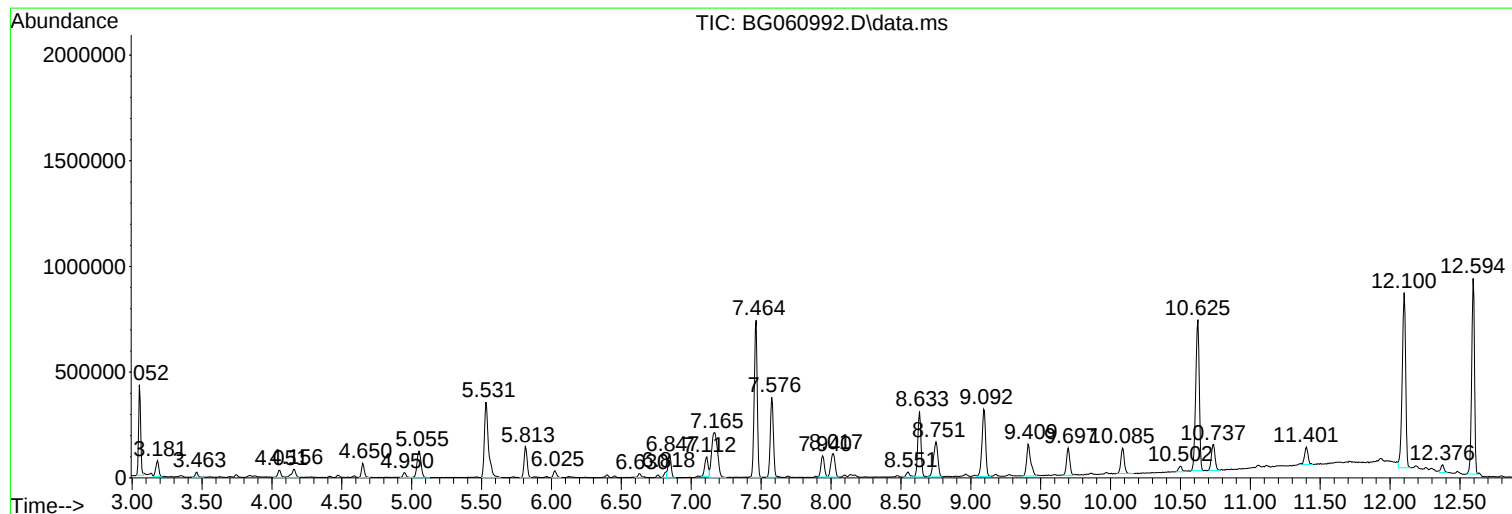
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 14 Sample Multiplier: 1

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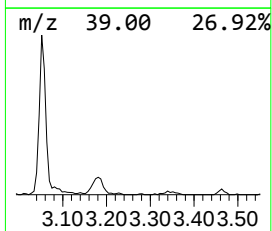
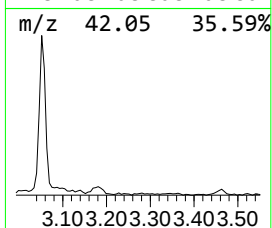
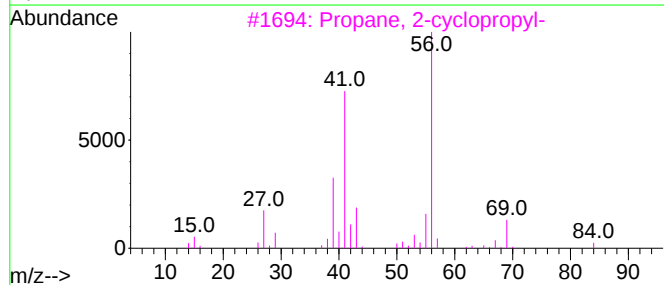
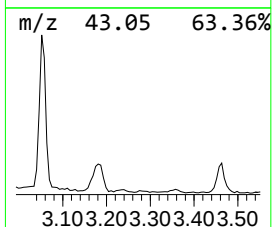
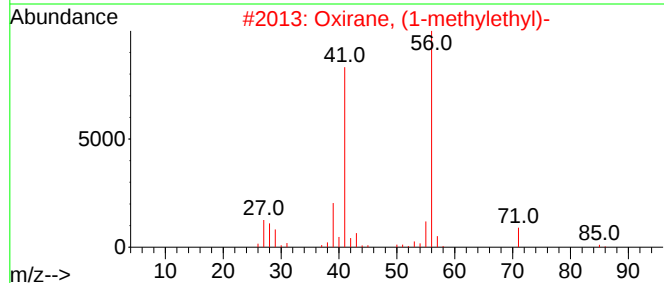
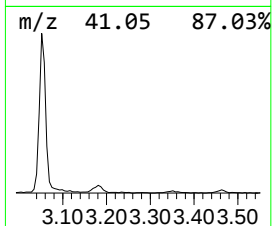
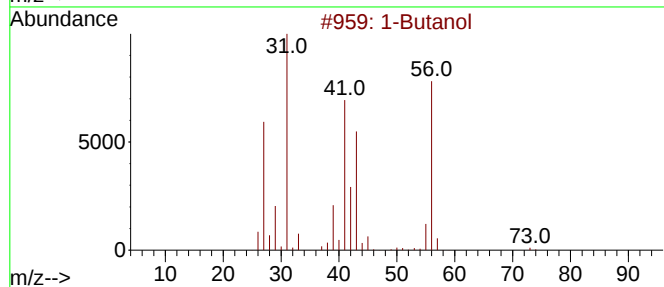
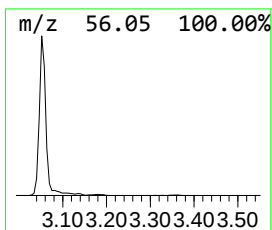
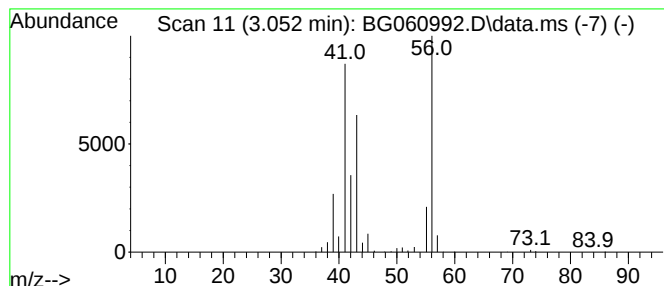
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Butanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.052	51.48 ng	431574	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butanol	74	C4H10O	000071-36-3	86
2			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
3			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	39
4			Isobutyl nitrite	103	C4H9NO2	000542-56-3	9
5			Butane, 1-chloro-	92	C4H9Cl	000109-69-3	9



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Misc :
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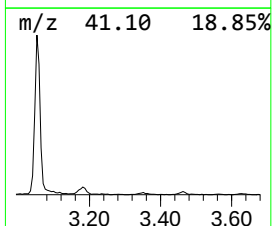
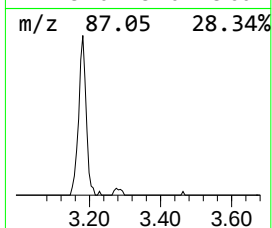
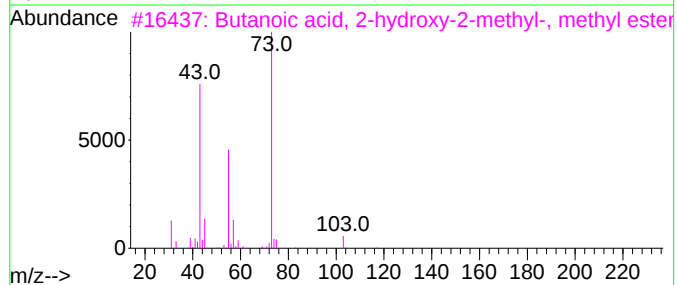
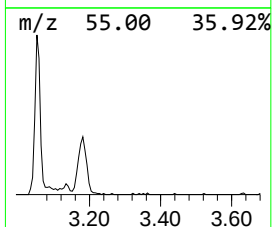
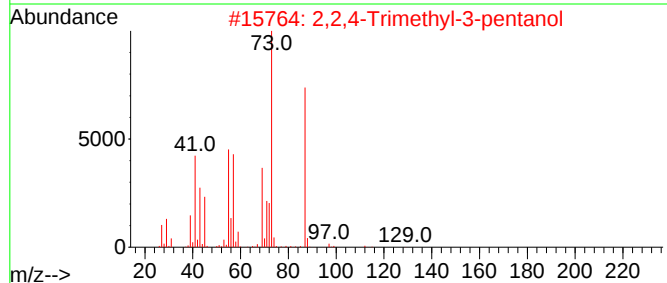
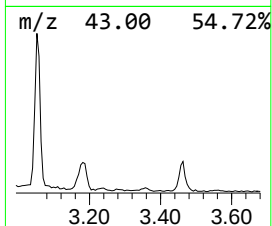
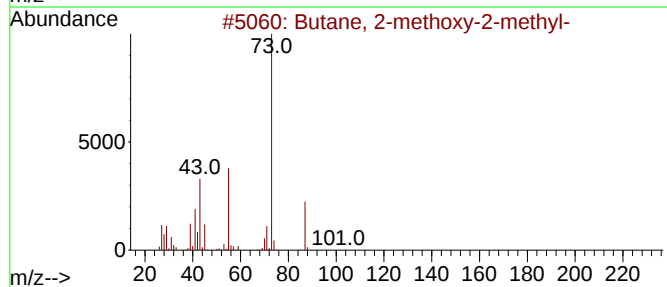
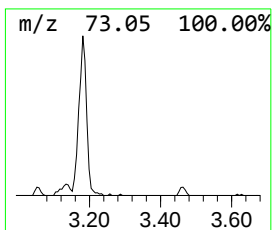
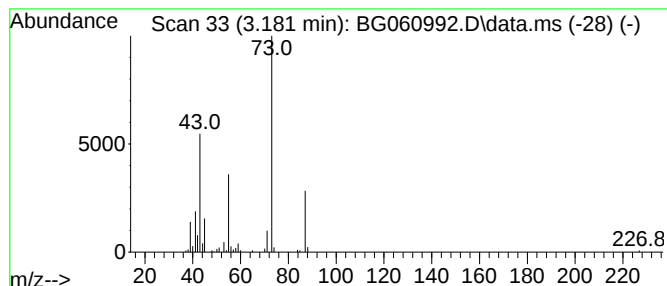
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.181	13.72 ng	114994	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3			Butanoic acid, 2-hydroxy-2-methyl...	132	C6H12O3	032793-34-3	25
4			2-Hexanol, acetate	144	C8H16O2	005953-49-1	17
5			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17



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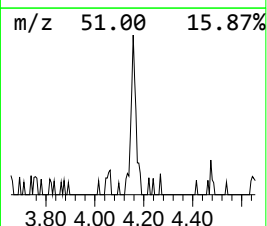
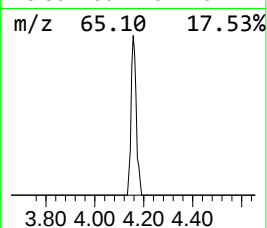
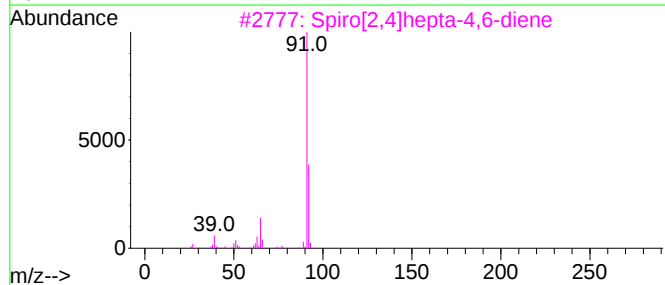
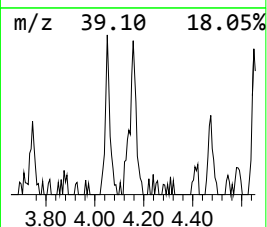
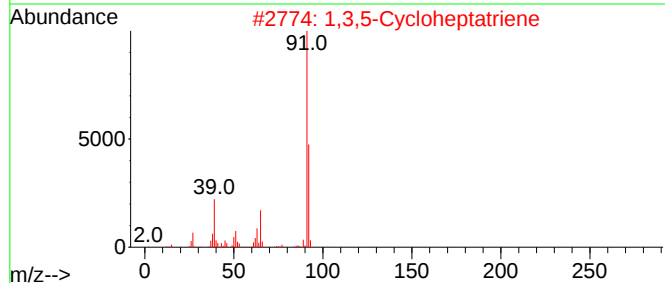
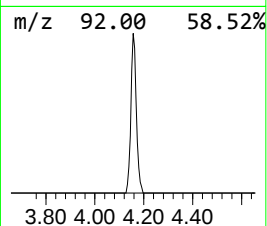
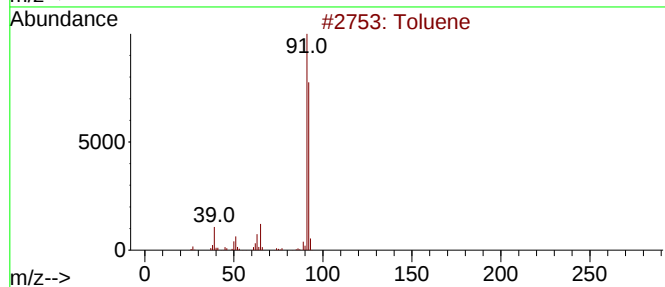
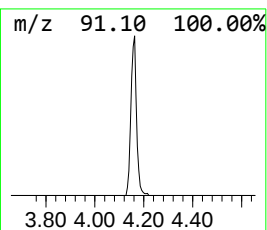
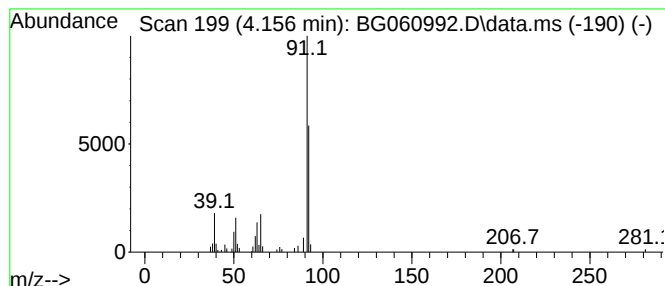
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Toluene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.156	9.38 ng	78619	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	95
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
3			Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	86
4			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	86
5			Zirconium, bis(.eta.6-methylbenz...	274	C14H16Zr	1000102-43-3	53



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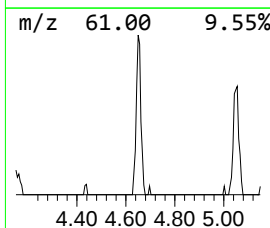
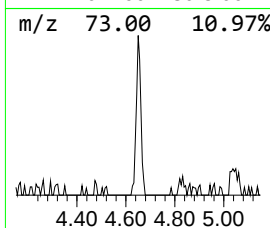
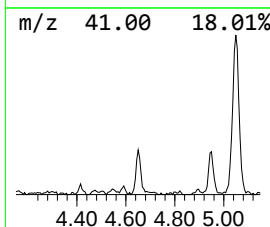
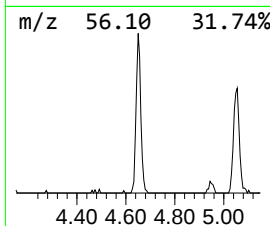
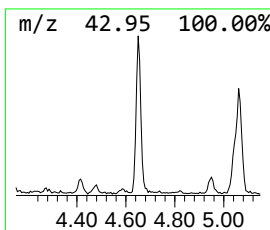
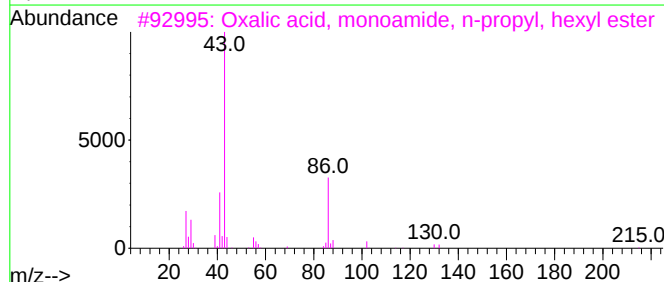
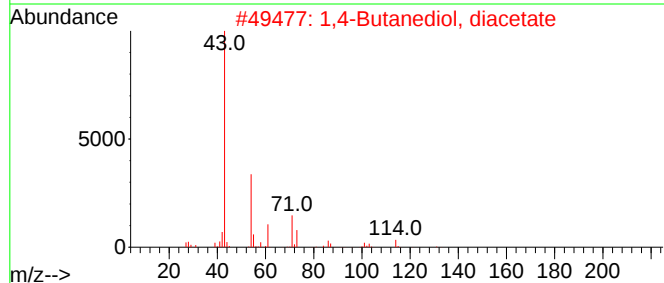
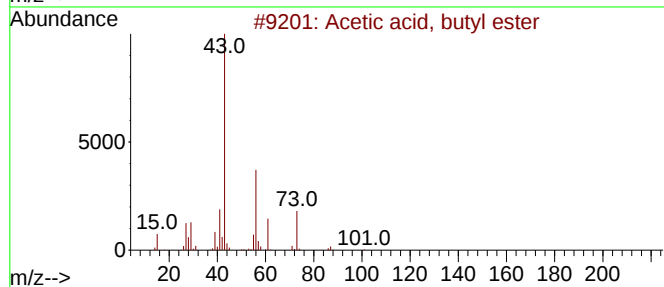
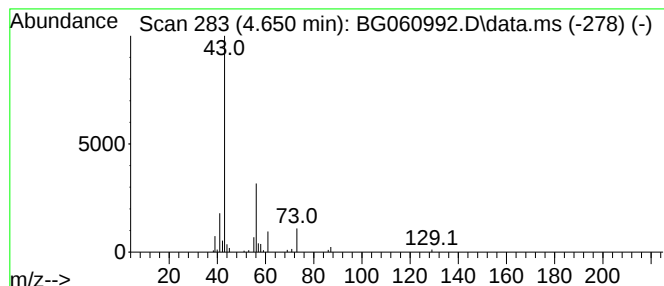
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Acetic acid, butyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.650	11.31 ng	94776	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, butyl ester	116	C6H12O2	000123-86-4	64
2			1,4-Butanediol, diacetate	174	C8H14O4	000628-67-1	38
3			Oxalic acid, monoamide, n-propyl...	215	C11H21NO3	1000309-64-5	12
4			Isobutane	58	C4H10	000075-28-5	9
5			Isobutylamine	73	C4H11N	000078-81-9	9



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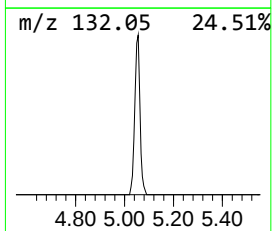
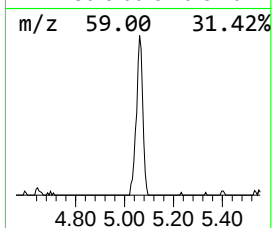
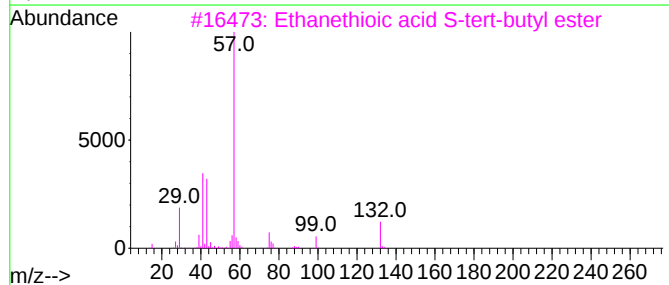
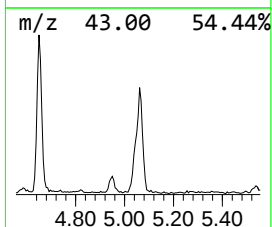
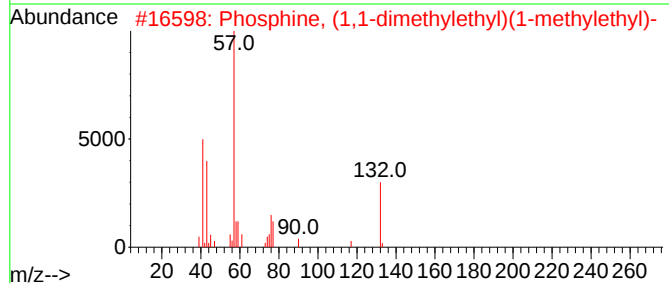
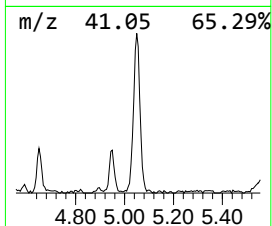
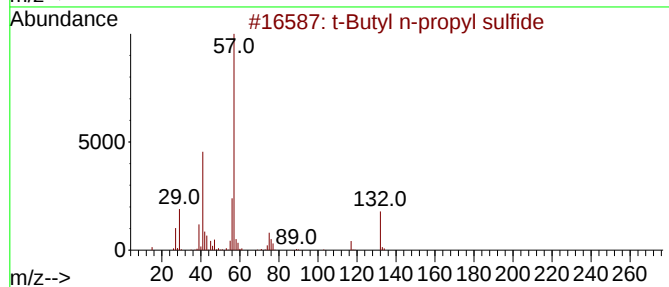
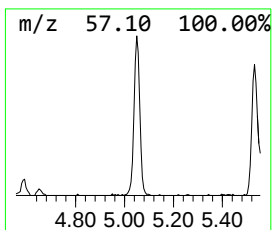
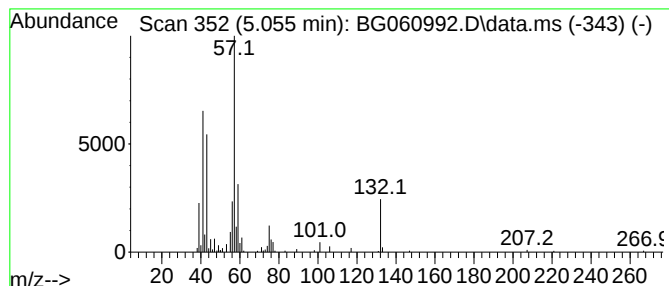
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 t-Butyl n-propyl sulfide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.055	30.65 ng	256912	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			t-Butyl n-propyl sulfide	132	C7H16S	1000343-63-5	62
2			Phosphine, (1,1-dimethylethyl)(1-methylethyl)-	132	C7H17P	060058-18-6	49
3			Ethanethioic acid S-tert-butyl ester	132	C6H12OS	000999-90-6	43
4			Propane, 2-methyl-2-[(1-methylethyl)amino]-	132	C7H16S	044657-76-3	38
5			Hydrazinecarboxylic acid, 1,1-dimethylethyl-	132	C5H12N2O2	000870-46-2	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
Operator : MA/JU
Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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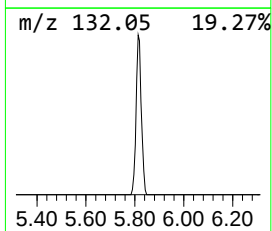
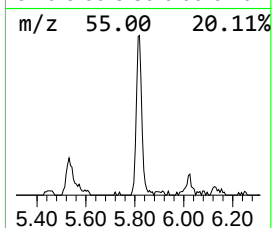
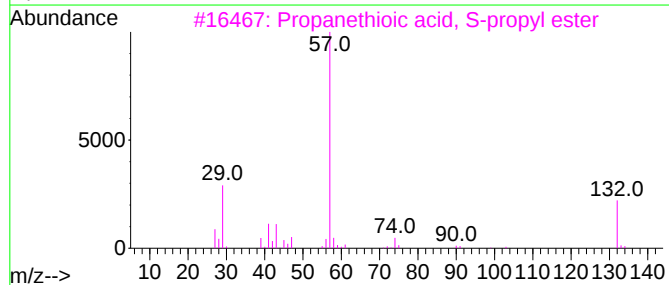
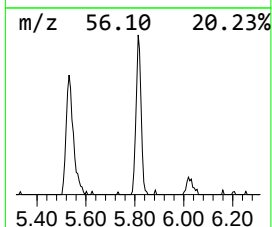
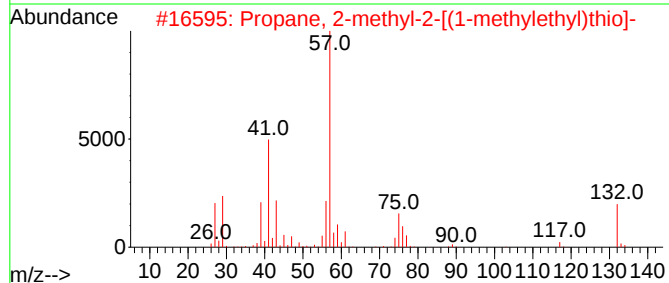
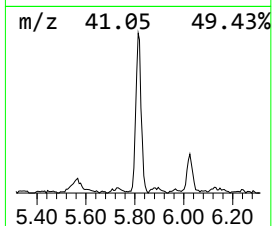
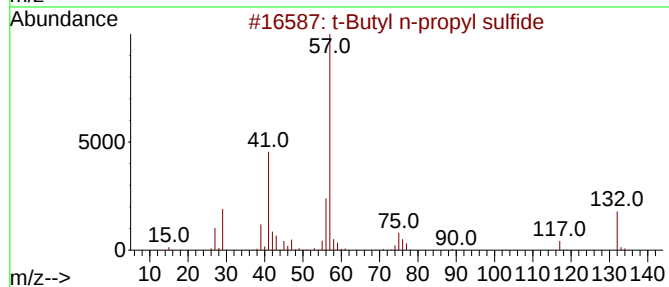
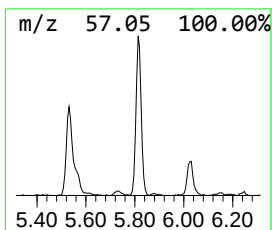
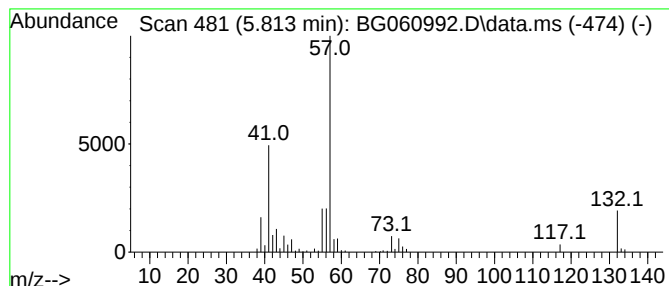
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Propane, 2-methyl-2-[(1-met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.813	26.16 ng	219333	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			t-Butyl n-propyl sulfide	132	C7H16S	1000343-63-5	80
2			Propane, 2-methyl-2-[(1-methylet...	132	C7H16S	044657-76-3	64
3			Propanethioic acid, S-propyl ester	132	C6H12OS	002432-43-1	49
4			Propanethioic acid, S-(1-methyle...	132	C6H12OS	002432-47-5	43
5			Sulfone, 2-hydroxypropyl t-butyl	180	C7H16O3S	154619-05-3	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
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Sample : P2127-01
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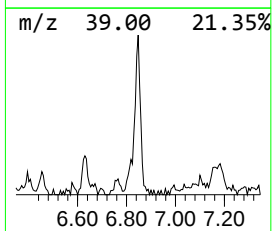
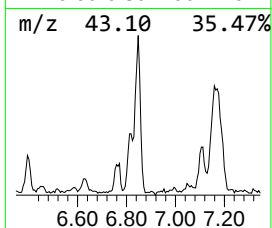
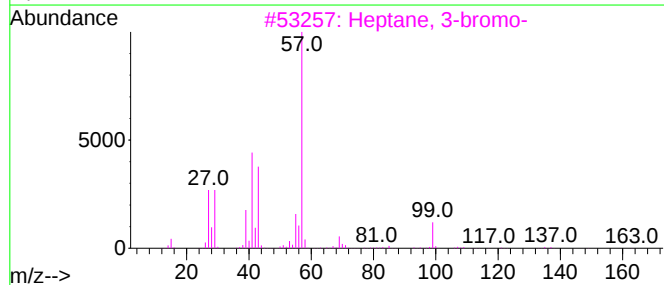
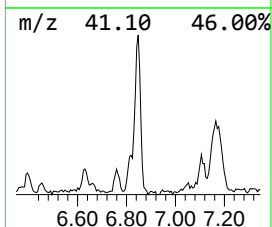
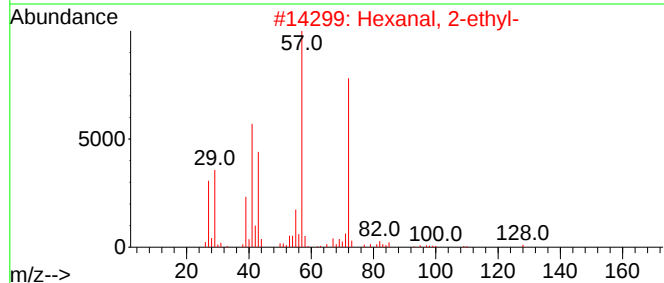
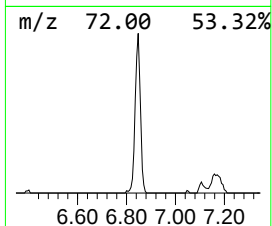
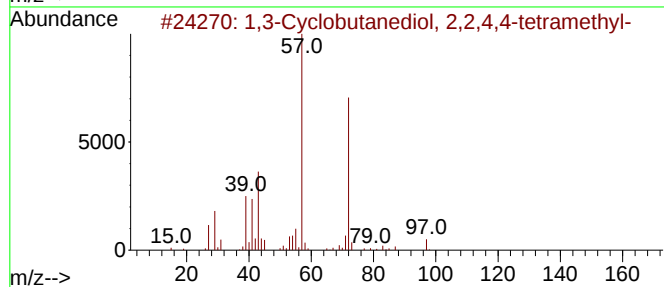
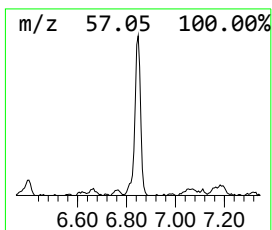
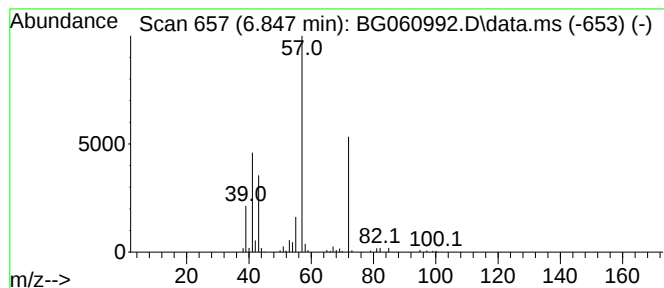
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.847 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.847	18.92 ng	158615	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclobutanediol, 2,2,4,4-tet...	144	C8H16O2	003010-96-6	39
2			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	39
3			Heptane, 3-bromo-	178	C7H15Br	001974-05-6	17
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	17
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
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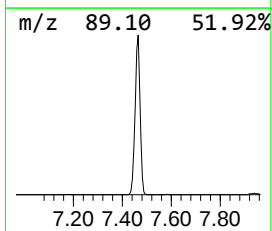
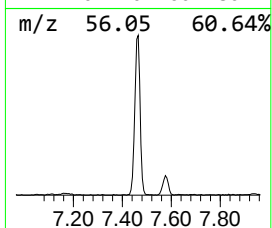
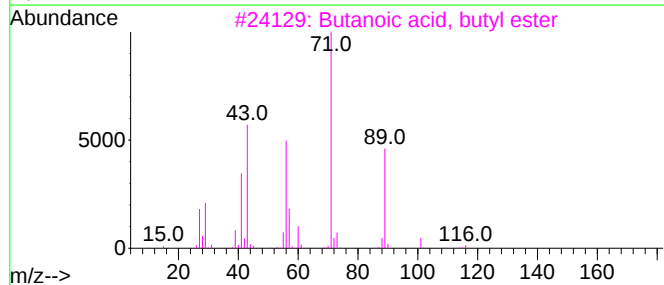
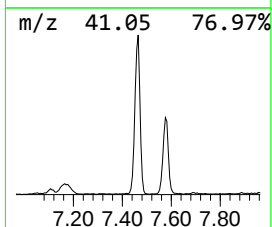
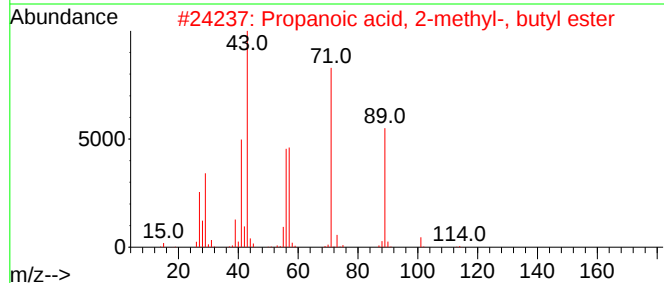
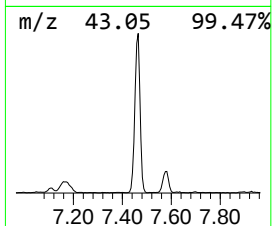
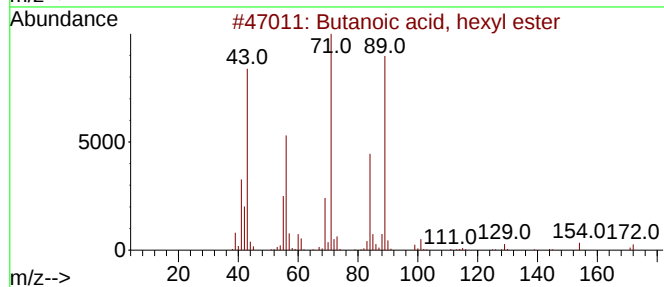
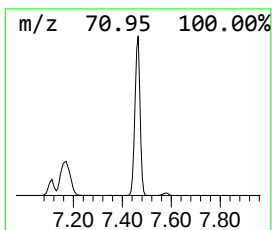
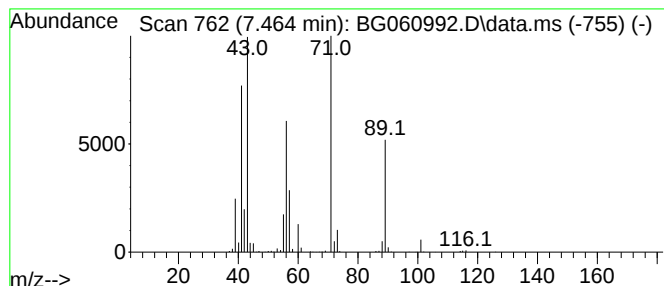
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Butanoic acid, hexyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.464	132.49 ng	1110690	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	83
2			Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	78
3			Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
4			Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	72
5			Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
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Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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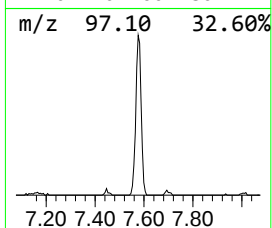
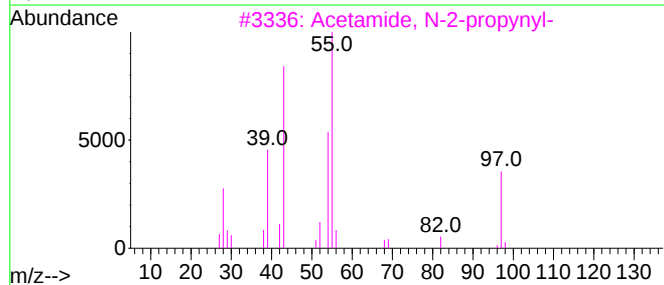
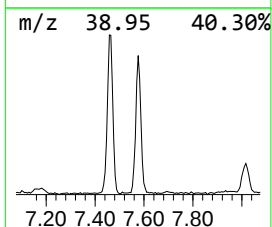
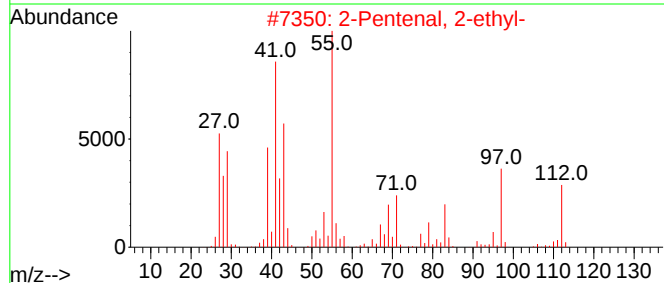
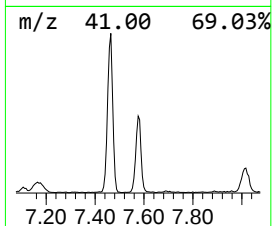
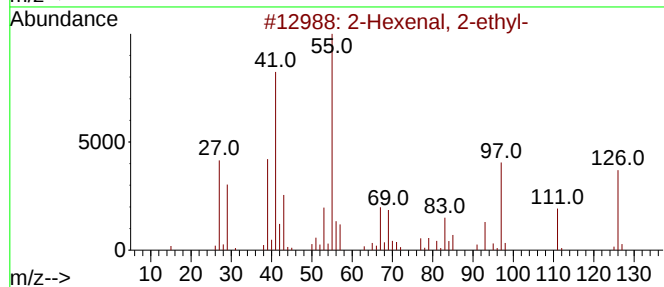
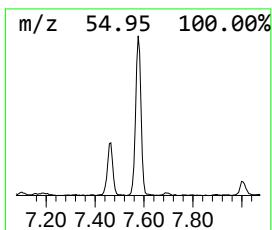
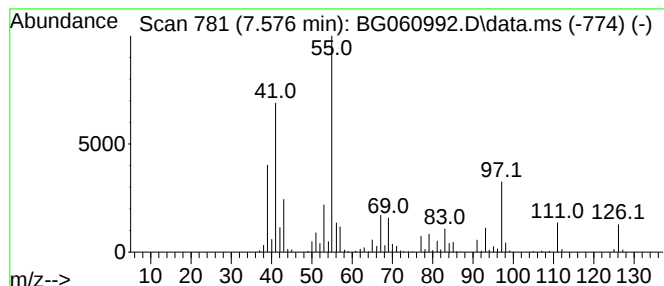
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Hexenal, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.576	69.47 ng	582433	1,4-Dichlorobenzene-d4	7.940

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	72
2		2-Pentenal, 2-ethyl-	112	C7H12O	003491-57-4	53
3		Acetamide, N-2-propynyl-	97	C5H7NO	065881-41-6	46
4		3-Hexene, (Z)-	84	C6H12	007642-09-3	43
5		3,5-Octadien-2-ol	126	C8H14O	069668-82-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
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Misc :
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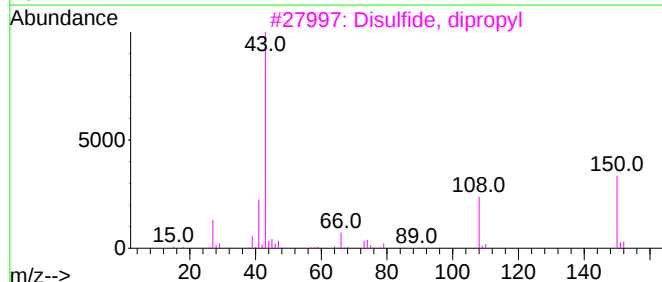
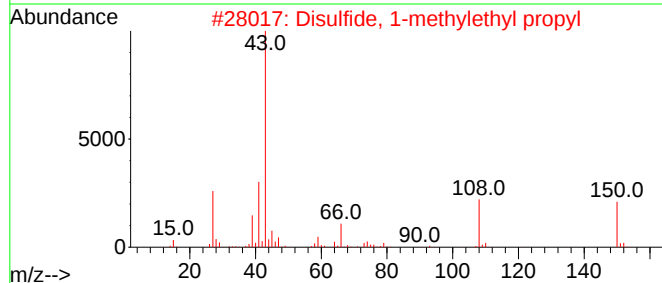
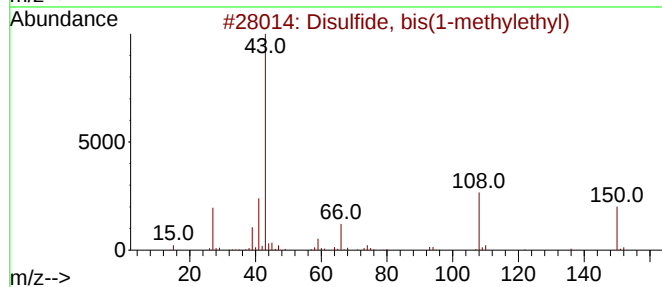
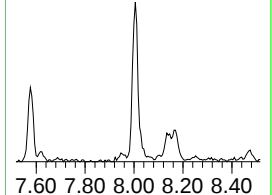
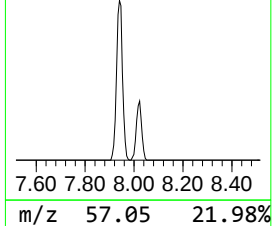
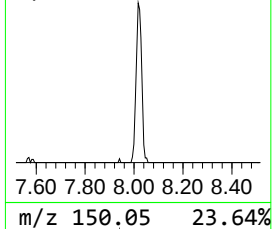
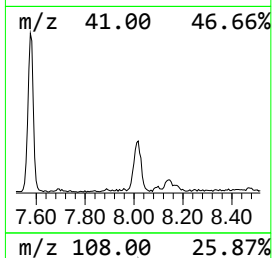
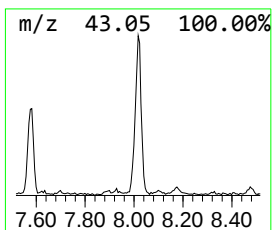
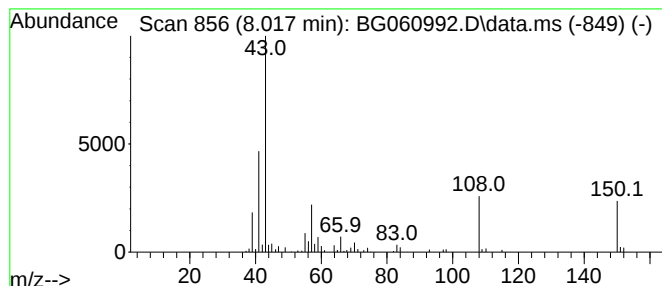
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Disulfide, bis(1-methylethyl) Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.017	27.32 ng	228994	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disulfide, bis(1-methylethyl)	150	C6H14S2	004253-89-8	80
2			Disulfide, 1-methylethyl propyl	150	C6H14S2	033672-51-4	72
3			Disulfide, dipropyl	150	C6H14S2	000629-19-6	52
4			Disulfide, isopentyl methyl	150	C6H14S2	072437-56-0	23
5			Disulfide, ethyl 1-methylpropyl	150	C6H14S2	054166-53-9	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
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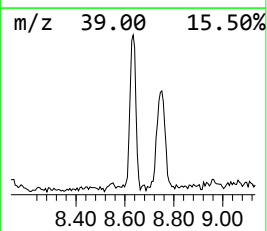
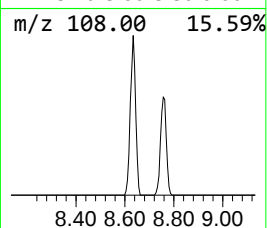
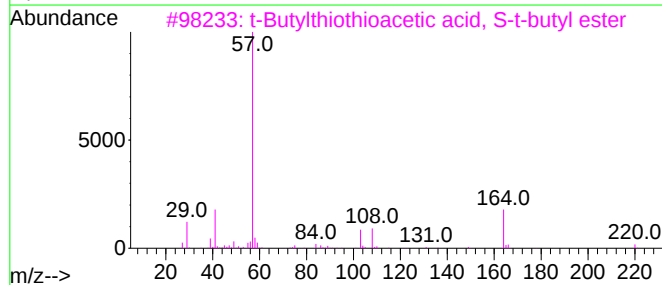
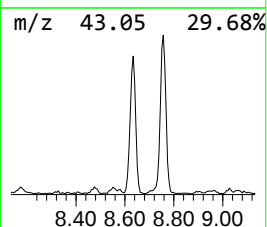
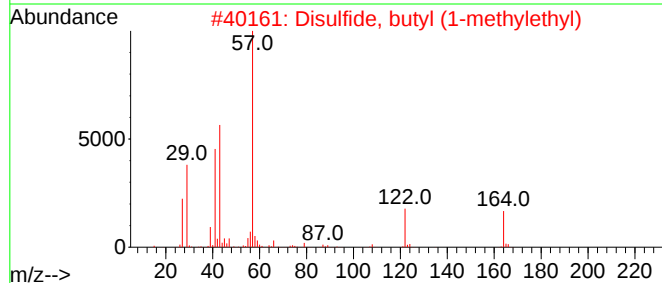
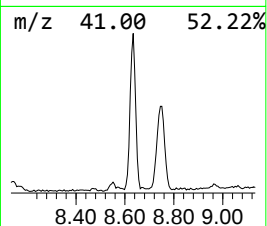
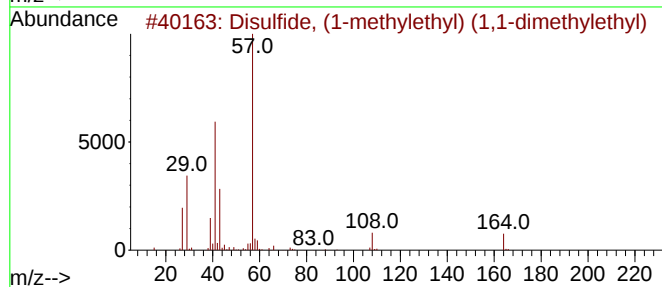
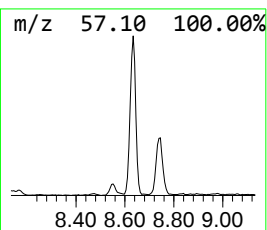
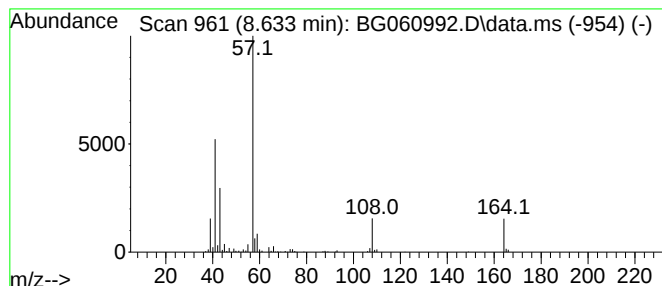
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Disulfide, (1-methylethyl) ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.633	58.61 ng	491327	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disulfide, (1-methylethyl) (1,1-...	164	C7H16S2	043022-60-2	74
2			Disulfide, butyl (1-methylethyl)	164	C7H16S2	072437-53-7	47
3			t-Butylthiothioacetic acid, S-t-...	220	C10H20OS2	1000189-14-7	39
4			Ethynyl tert-butyl sulfoxide	130	C6H10OS	041463-34-7	25
5			di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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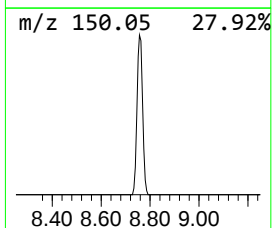
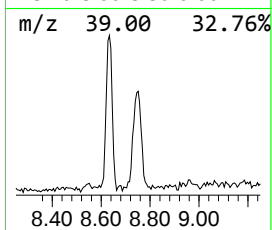
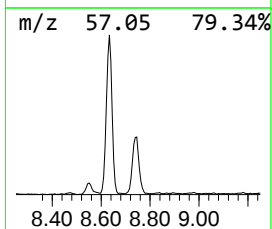
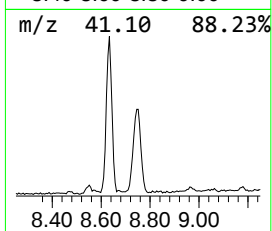
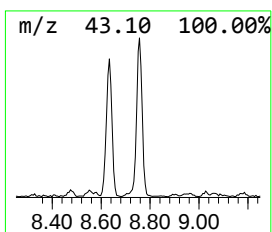
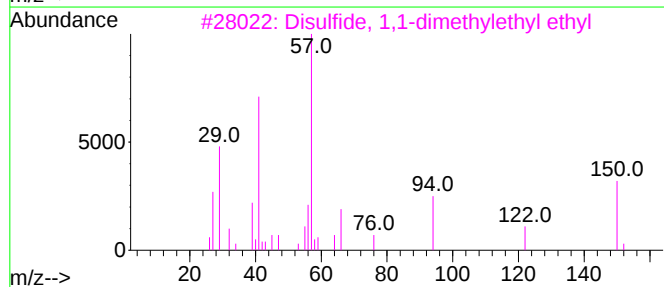
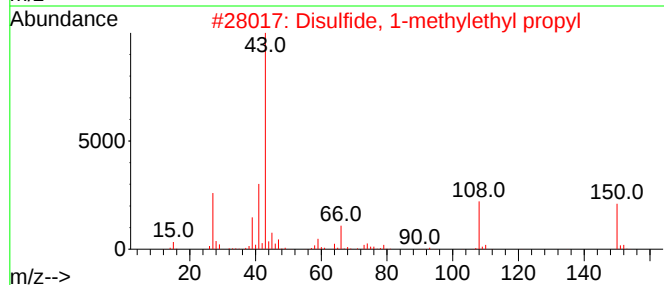
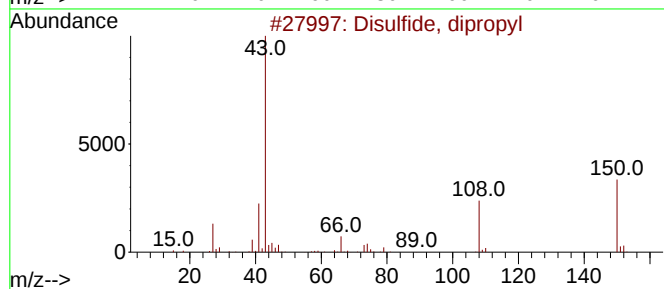
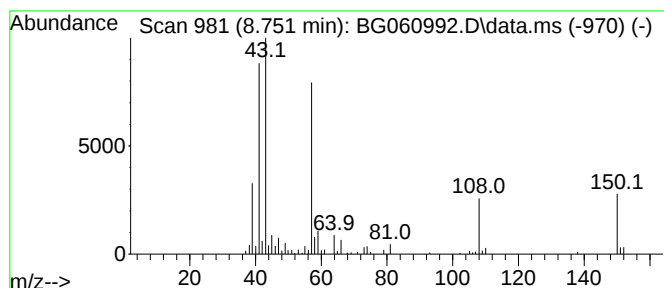
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Disulfide, dipropyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	43.01 ng	360559	1,4-Dichlorobenzene-d4	7.940

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disulfide, dipropyl	150	C6H14S2	000629-19-6	50
2			Disulfide, 1-methylethyl propyl	150	C6H14S2	033672-51-4	46
3			Disulfide, 1,1-dimethylethyl ethyl	150	C6H14S2	004151-69-3	37
4			Disulfide, bis(1-methylethyl)	150	C6H14S2	004253-89-8	35
5			Ethyl n-butyl disulphide	150	C6H14S2	063986-03-8	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
Operator : MA/JU
Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SILICA

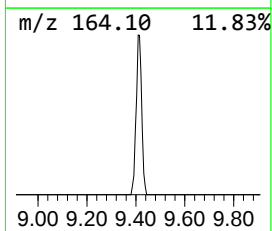
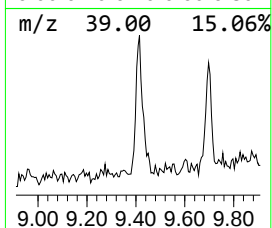
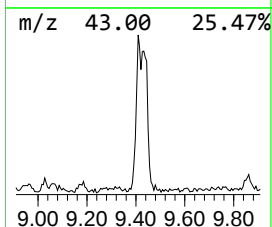
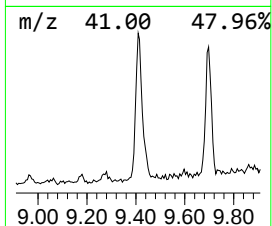
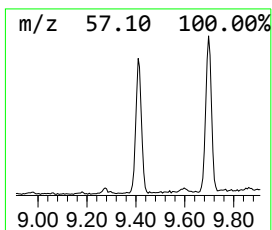
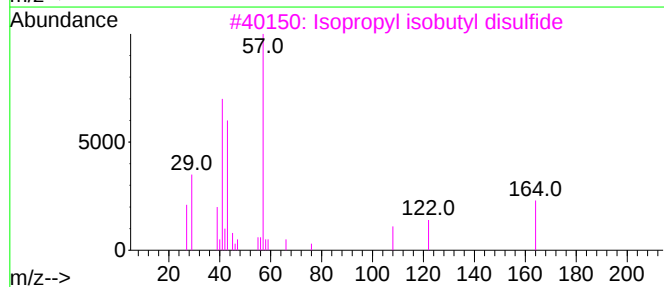
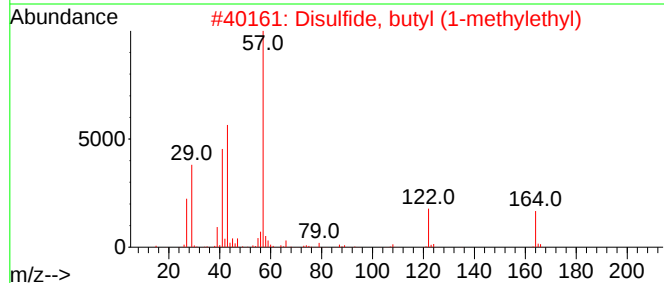
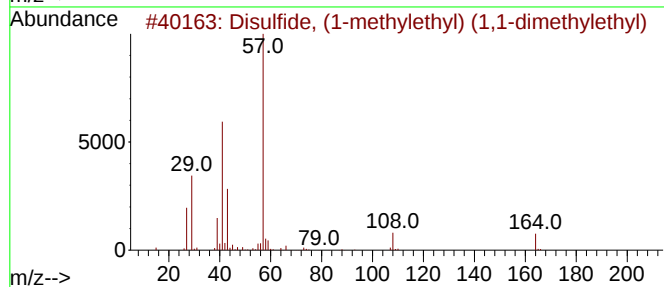
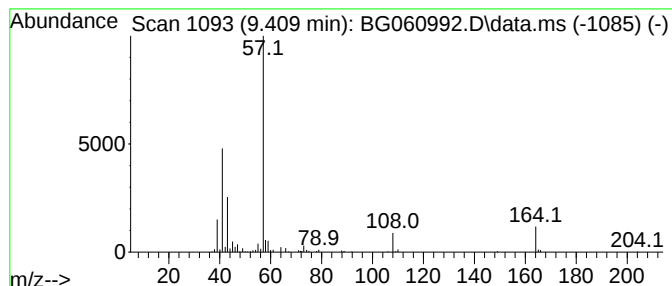
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.409 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.409	26.82 ng	302455	Naphthalene-d8	10.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disulfide, (1-methylethyl) (1,1-...	164	C7H16S2	043022-60-2	64
2			Disulfide, butyl (1-methylethyl)	164	C7H16S2	072437-53-7	32
3			Isopropyl isobutyl disulfide	164	C7H16S2	067421-82-3	25
4			Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	17
5			Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	16



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
Operator : MA/JU
Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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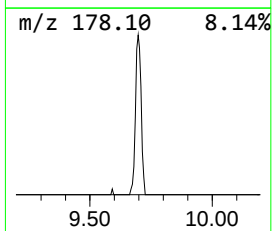
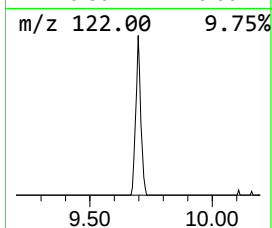
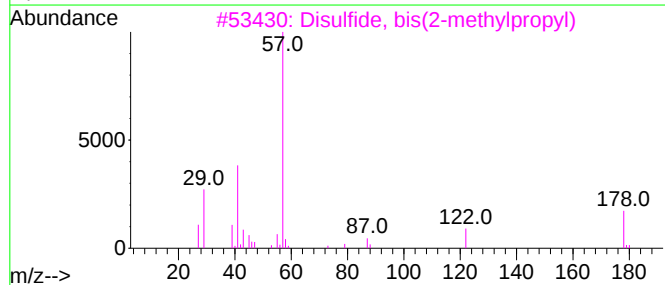
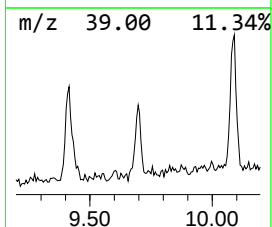
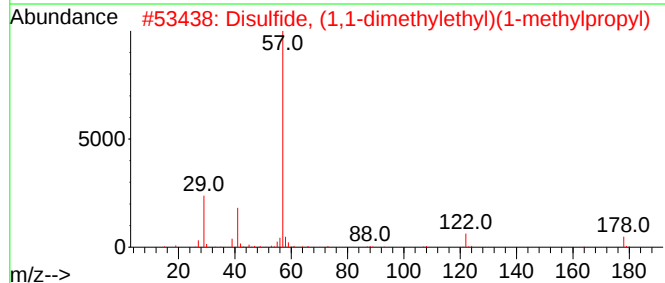
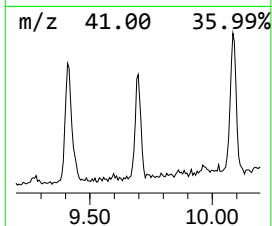
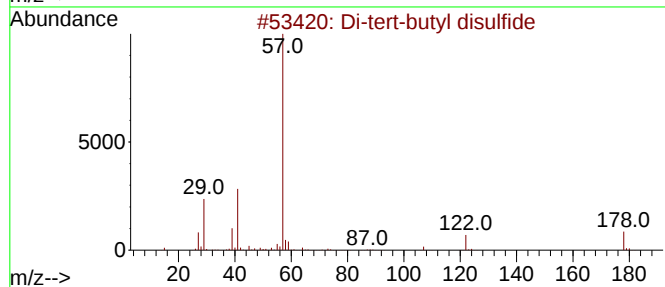
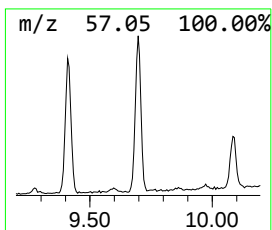
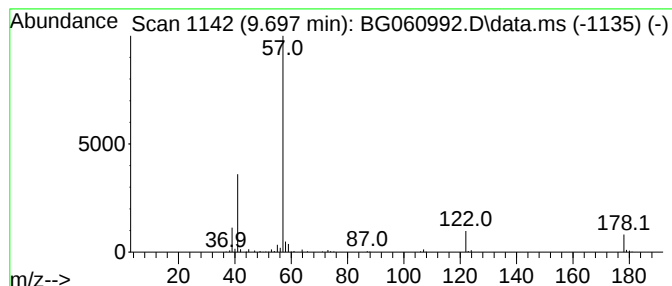
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Di-tert-butyl disulfide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.697	18.91 ng	213268	Naphthalene-d8	10.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	87
2			Disulfide, (1,1-dimethylethyl)(1...	178	C8H18S2	072437-46-8	80
3			Disulfide, bis(2-methylpropyl)	178	C8H18S2	001518-72-5	59
4			Disulfide, dibutyl	178	C8H18S2	000629-45-8	58
5			Disulfide, bis(1-methylpropyl)	178	C8H18S2	005943-30-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
Operator : MA/JU
Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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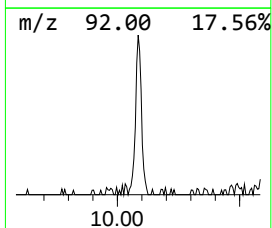
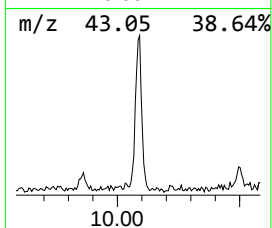
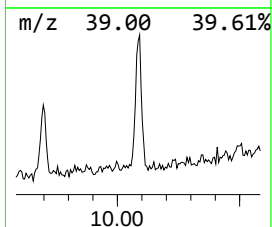
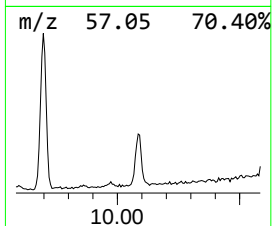
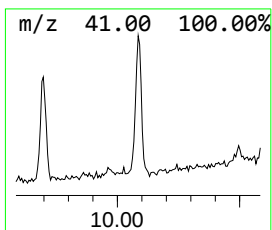
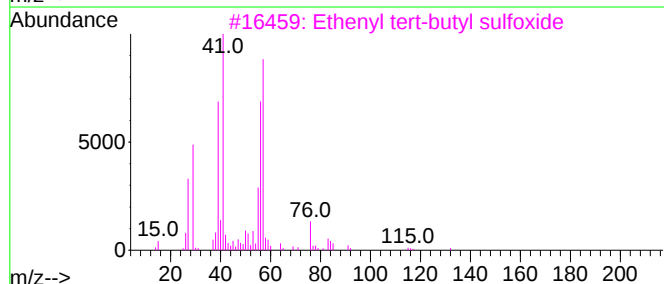
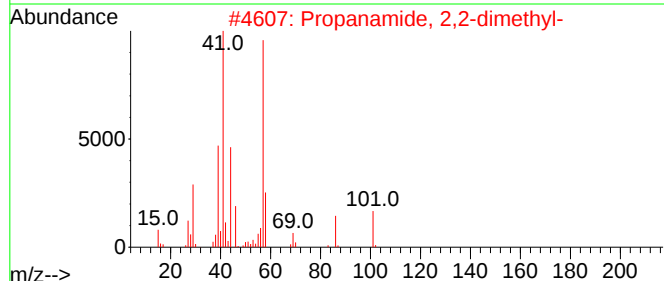
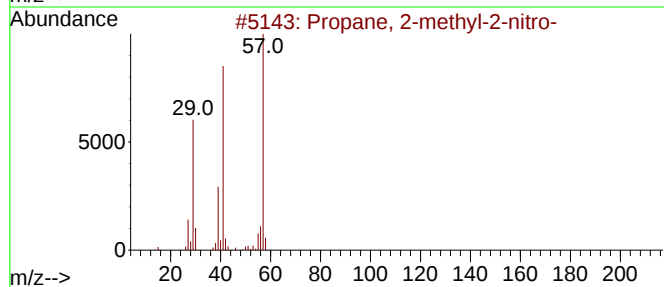
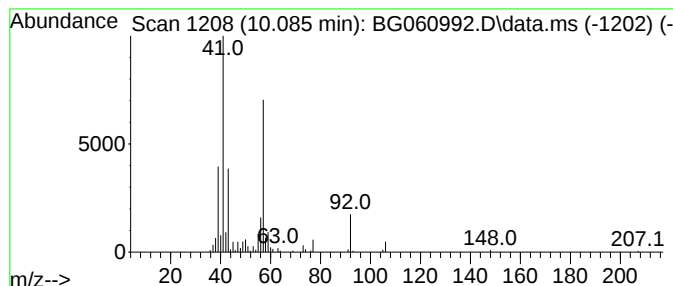
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.085 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.085	18.50 ng	208629	Naphthalene-d8	10.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	40
2			Propanamide, 2,2-dimethyl-	101	C5H11NO	000754-10-9	38
3			Ethenyl tert-butyl sulfoxide	132	C6H12OS	042779-15-7	32
4			4,4-Dimethyl-3-oxopentanenitrile	125	C7H11NO	059997-51-2	25
5			Formic acid, 2-propenyl ester	86	C4H6O2	001838-59-1	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
Operator : MA/JU
Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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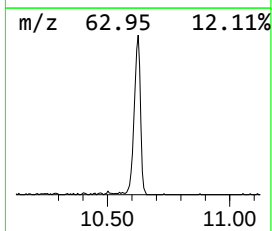
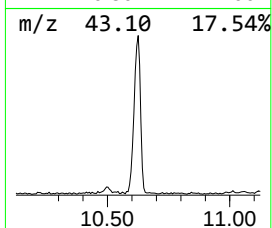
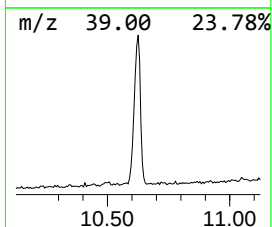
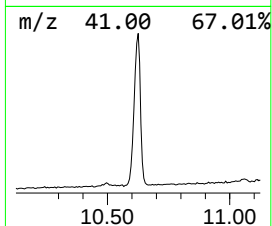
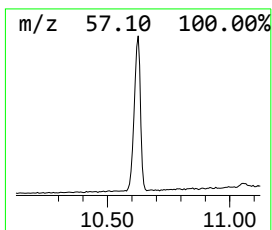
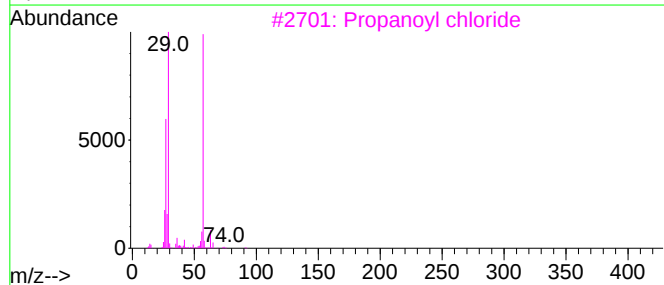
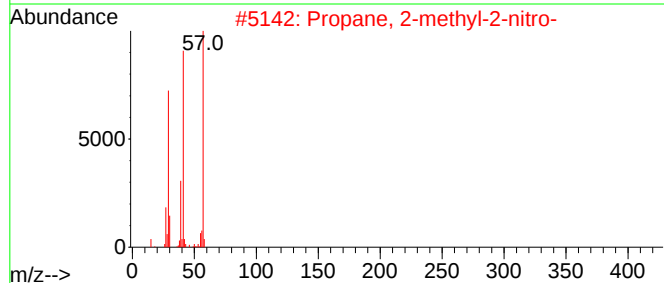
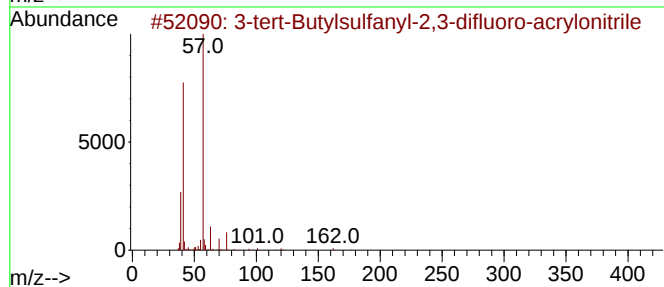
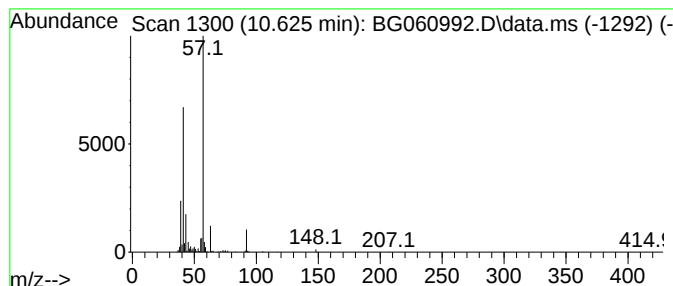
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.625 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.625	112.81 ng	1271950	Naphthalene-d8	10.731

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-tert-Butylsulfanyl-2,3-difluor...	177	C7H9F2NS	1000275-70-8	38
2		Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	35
3		Propanoyl chloride	92	C3H5ClO	000079-03-8	28
4		Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	27
5		Propane, 2-bromo-2-methyl-	136	C4H9Br	000507-19-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
Operator : MA/JU
Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

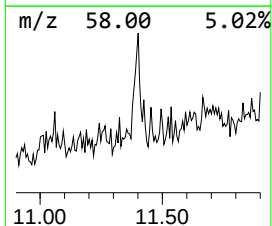
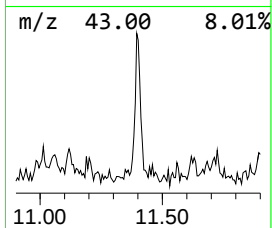
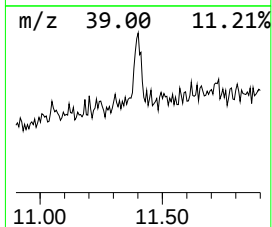
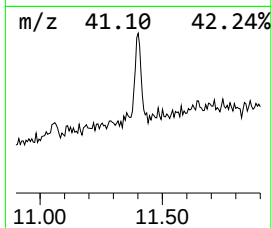
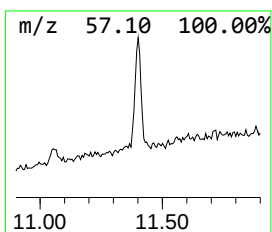
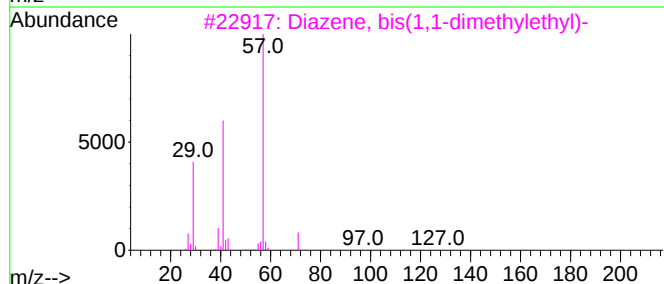
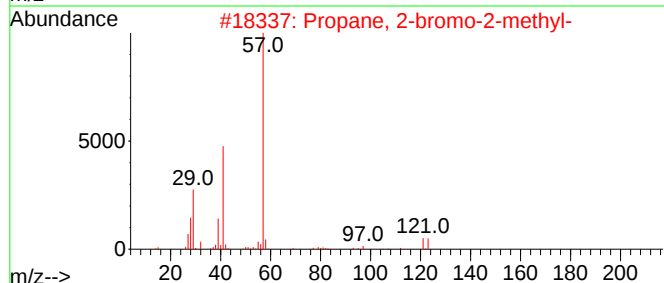
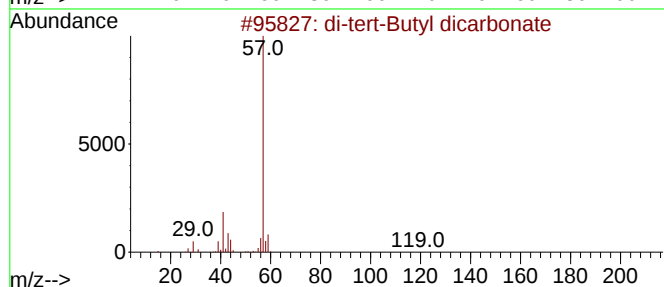
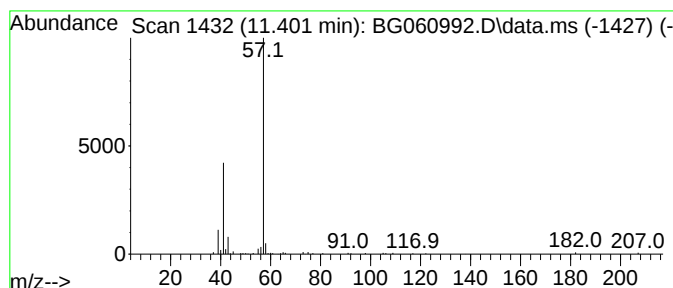
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.401 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.401	12.53 ng	141233	Naphthalene-d8	10.731
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		di-tert-Butyl dicarbonate	218 C10H18O5	024424-99-5 37
2		Propane, 2-bromo-2-methyl-	136 C4H9Br	000507-19-7 36
3		Diazene, bis(1,1-dimethylethyl)-	142 C8H18N2	000927-83-3 33
4		Neopentane	72 C5H12	000463-82-1 33
5		Sulfurous acid, butyl isobutyl e...	194 C8H18O3S	1010309-17-0 9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
Operator : MA/JU
Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SILICA

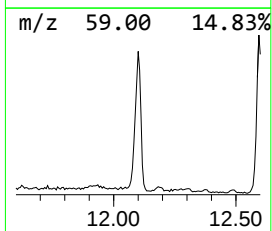
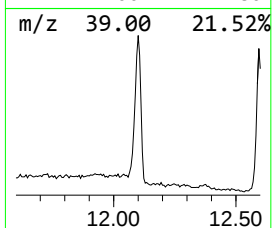
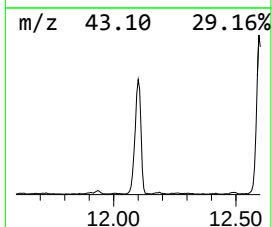
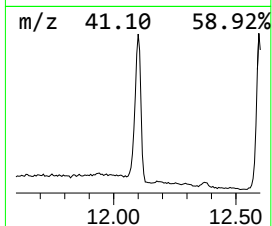
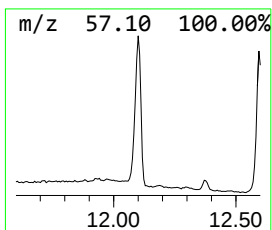
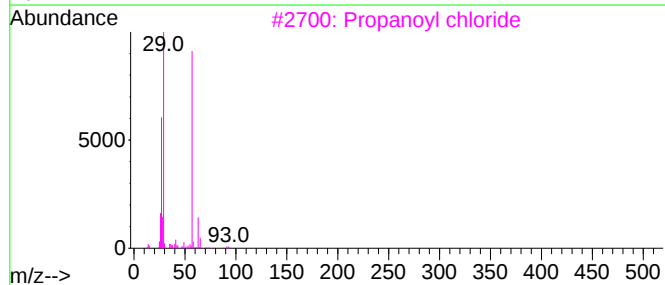
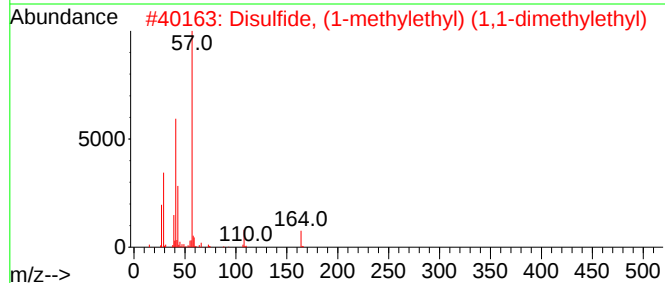
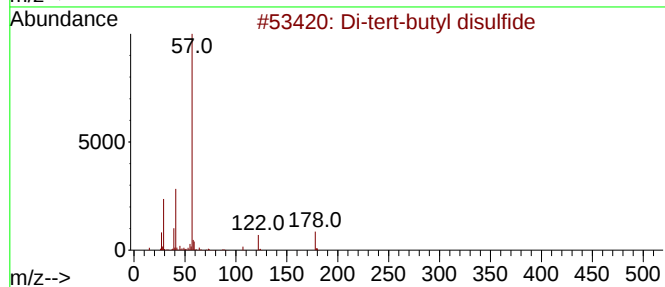
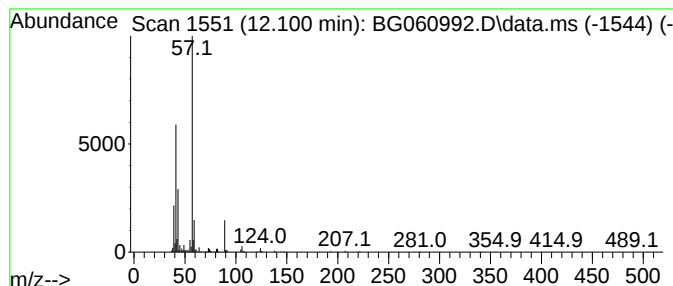
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown12.100 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.100	124.55 ng	1404310	Naphthalene-d8	10.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	25
2			Disulfide, (1-methylethyl) (1,1-...	164	C7H16S2	043022-60-2	25
3			Propanoyl chloride	92	C3H5ClO	000079-03-8	25
4			tert-Butyl N-(tert-butoxy)carbamate	189	C9H19NO3	091426-13-0	23
5			Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
Operator : MA/JU
Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SILICA

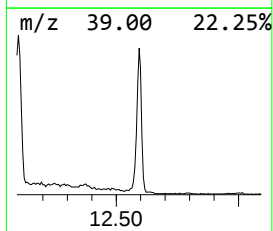
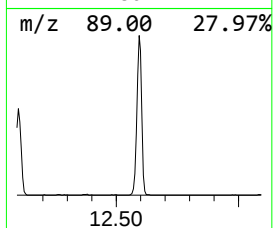
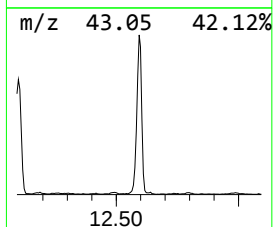
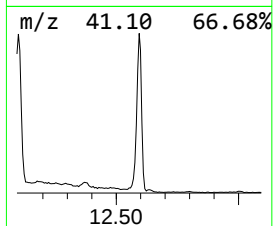
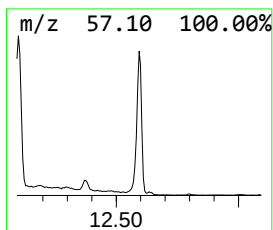
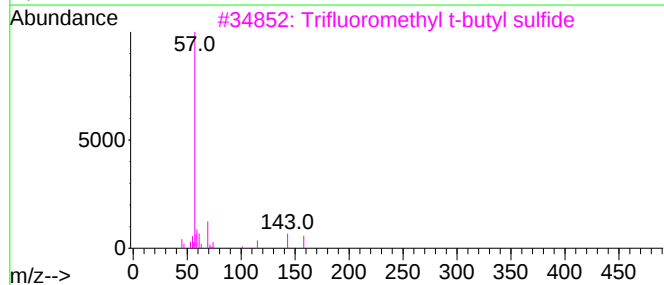
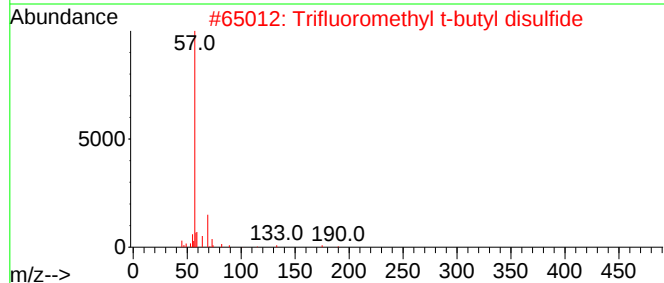
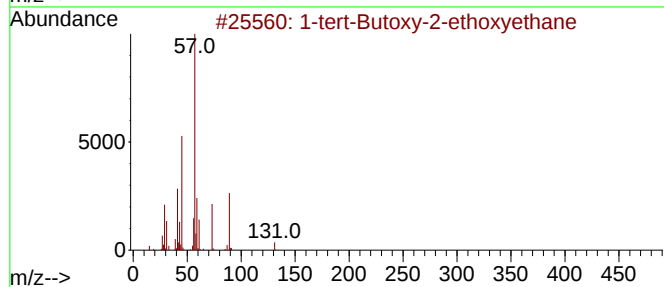
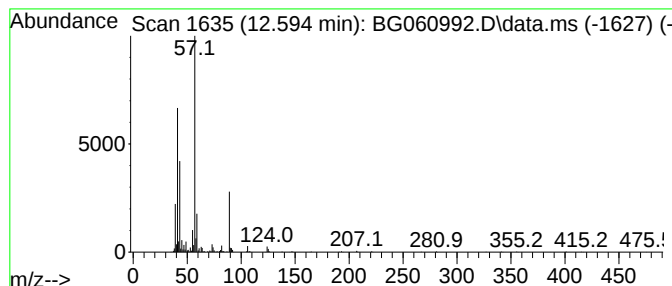
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown12.594 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.594	112.99 ng	1274000	Naphthalene-d8	10.731

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	36
2		Trifluoromethyl t-butyl disulfide	190	C5H9F3S2	145372-23-2	25
3		Trifluoromethyl t-butyl sulfide	158	C5H9F3S	002708-84-1	25
4		Allyl thiopropionate	130	C6H10O3	041820-22-8	16
5		Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060992.D
Acq On : 22 Apr 2024 15:20
Operator : MA/JU
Sample : P2127-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SILICA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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
1-Butanol	3.052	51.5	ng	431574	1	7.940	167667	20.0
Butane, 2-metho...	3.181	13.7	ng	114994	1	7.940	167667	20.0
Toluene	4.156	9.4	ng	78619	1	7.940	167667	20.0
Acetic acid, bu...	4.650	11.3	ng	94776	1	7.940	167667	20.0
t-Butyl n-propy...	5.055	30.6	ng	256912	1	7.940	167667	20.0
Propane, 2-meth...	5.813	26.2	ng	219333	1	7.940	167667	20.0
unknown6.847	6.847	18.9	ng	158615	1	7.940	167667	20.0
Butanoic acid, ...	7.464	132.5	ng	1110690	1	7.940	167667	20.0
2-Hexenal, 2-et...	7.576	69.5	ng	582433	1	7.940	167667	20.0
Disulfide, bis(...	8.017	27.3	ng	228994	1	7.940	167667	20.0
Disulfide, (1-m...	8.633	58.6	ng	491327	1	7.940	167667	20.0
Disulfide, dipr...	8.751	43.0	ng	360559	1	7.940	167667	20.0
unknown9.409	9.409	26.8	ng	302455	2	10.731	225510	20.0
Di-tert-butyl d...	9.697	18.9	ng	213268	2	10.731	225510	20.0
unknown10.085	10.085	18.5	ng	208629	2	10.731	225510	20.0
unknown10.625	10.625	112.8	ng	1271950	2	10.731	225510	20.0
unknown11.401	11.401	12.5	ng	141233	2	10.731	225510	20.0
unknown12.100	12.100	124.6	ng	1404310	2	10.731	225510	20.0
unknown12.594	12.594	113.0	ng	1274000	2	10.731	225510	20.0