

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
 Data File : BG045647.D
 Acq On : 8 Jun 2020 18:15
 Operator : CG/JU
 Sample : L2904-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VE-1-4

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BG051520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.538	409	417	429	rBV	354303	647114	15.16%	3.412%
2	7.142	679	690	705	rBV2	248757	479727	11.24%	2.529%
3	7.547	753	759	769	rBV	34010	60317	1.41%	0.318%
4	7.947	821	827	836	rBV	219024	391714	9.18%	2.065%
5	8.276	875	883	891	rBV	722947	1307904	30.65%	6.896%
6	9.110	1015	1025	1044	rBV	637907	1208421	28.31%	6.371%
7	10.755	1296	1305	1320	rBV	287049	544693	12.76%	2.872%
8	12.223	1546	1555	1560	rBV2	60687	144984	3.40%	0.764%
9	12.276	1560	1564	1569	rVB	41100	61373	1.44%	0.324%
10	12.728	1633	1641	1644	rBV9	18874	45680	1.07%	0.241%
11	13.022	1684	1691	1694	rBV9	21999	52877	1.24%	0.279%
12	13.216	1717	1724	1730	rBV	1716607	2776416	65.05%	14.639%
13	13.422	1756	1759	1766	rBV9	26101	53562	1.26%	0.282%
14	13.492	1766	1771	1778	rVB5	40231	77932	1.83%	0.411%
15	13.733	1807	1812	1816	rBV4	45169	81690	1.91%	0.431%
16	13.786	1816	1821	1825	rVB3	57804	98360	2.30%	0.519%
17	13.862	1831	1834	1841	rVB9	34238	61429	1.44%	0.324%
18	14.044	1860	1865	1870	rVB	302284	439337	10.29%	2.316%
19	14.591	1953	1958	1965	rBV2	397365	655195	15.35%	3.455%
20	15.765	2155	2158	2164	rVB2	74235	103730	2.43%	0.547%
21	16.089	2207	2213	2221	rBV	1491151	2308785	54.10%	12.173%
22	17.340	2422	2426	2432	rVB	497433	769420	18.03%	4.057%
23	19.960	2866	2872	2880	rBV	3213699	4267869	100.00%	22.503%
24	21.258	3089	3093	3100	rVB	196888	280758	6.58%	1.480%
25	21.599	3146	3151	3161	rVB	532889	887628	20.80%	4.680%
26	23.073	3399	3402	3408	rVB3	63378	95400	2.24%	0.503%
27	24.747	3678	3687	3700	rVB	328880	1063839	24.93%	5.609%

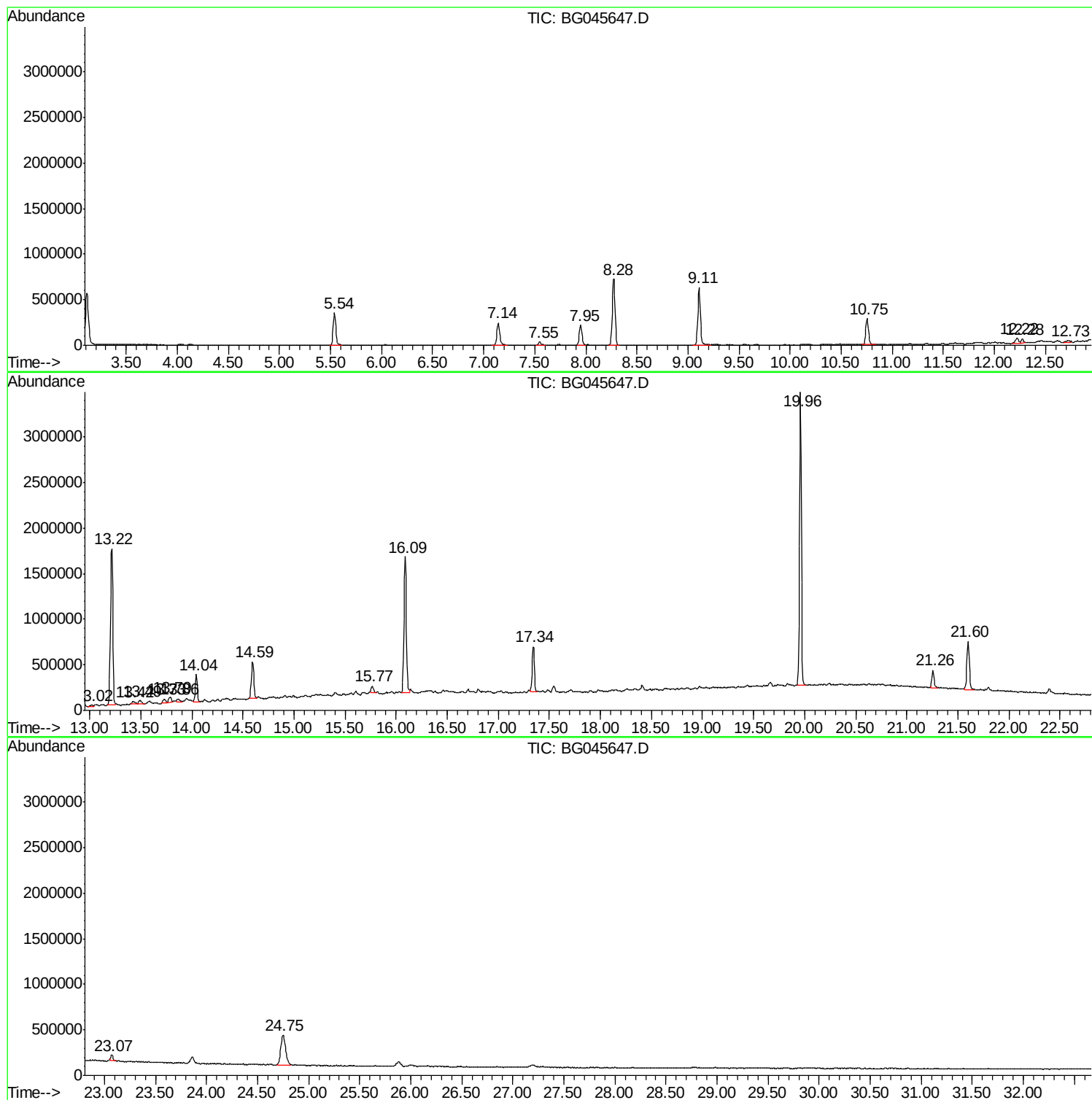
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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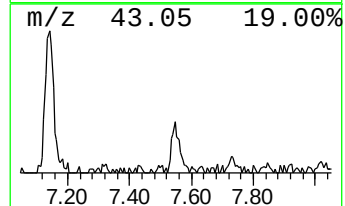
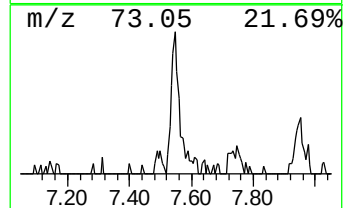
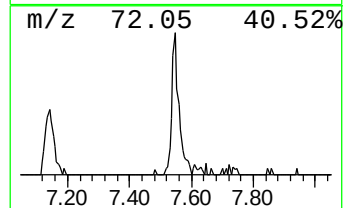
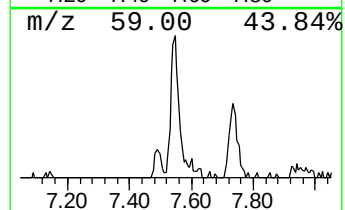
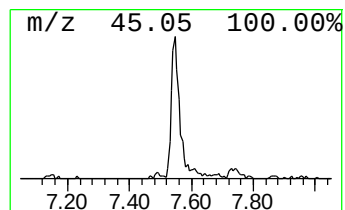
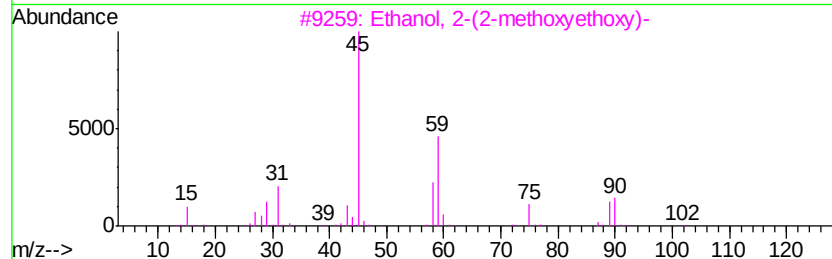
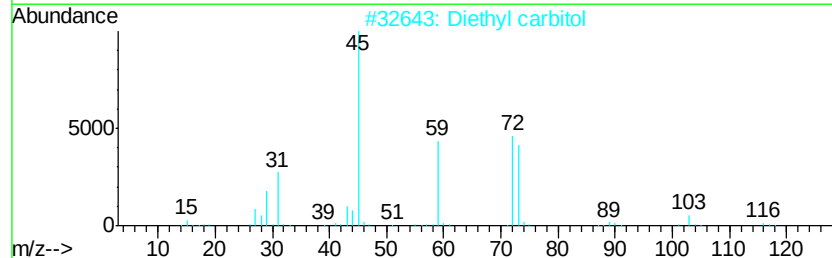
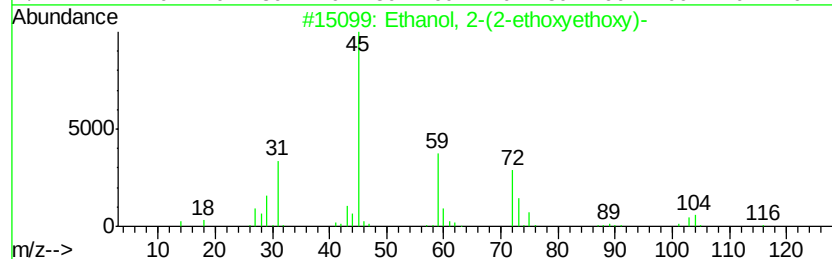
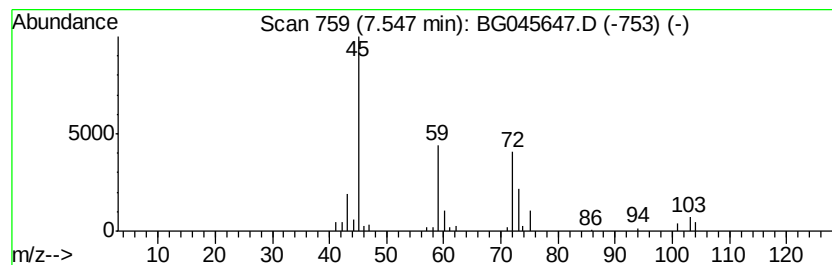
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	3.08 ng	60317	1,4-Dichlorobenzene-d4	7.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2		Diethyl carbitol	162	C8H18O3	000112-36-7	45
3		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	40
4		Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	38
5		Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	36



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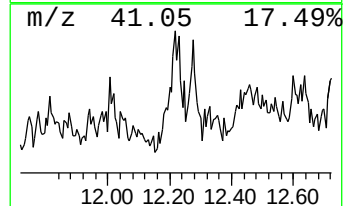
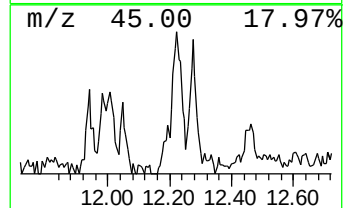
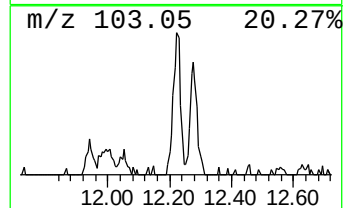
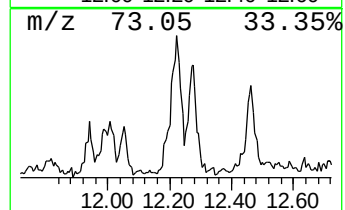
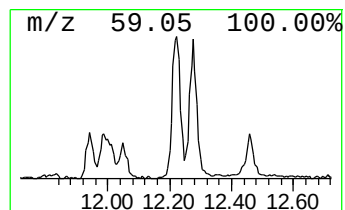
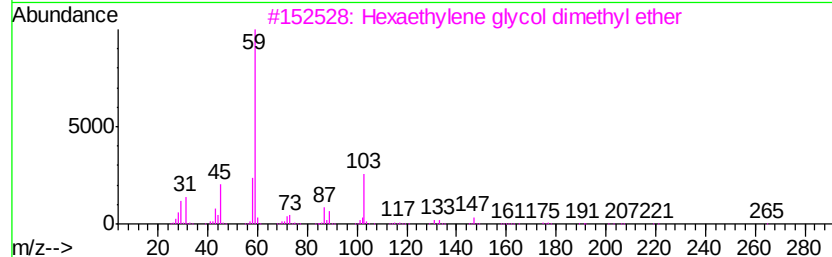
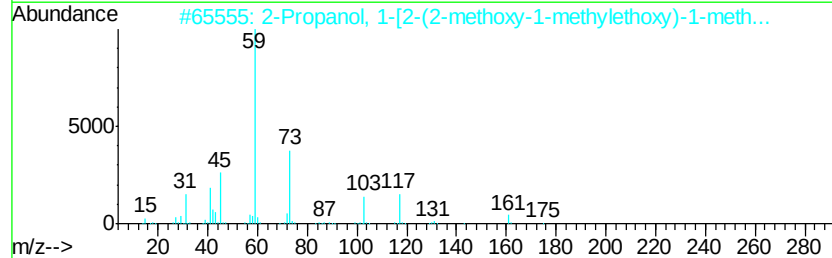
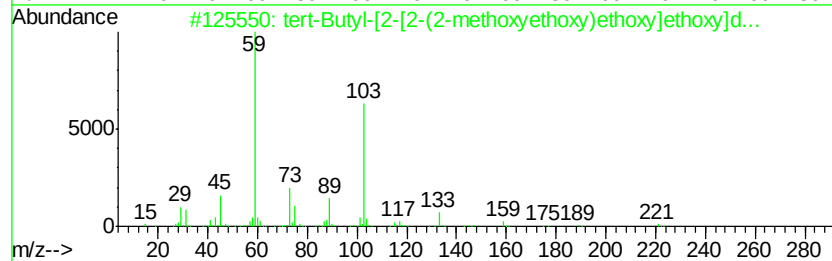
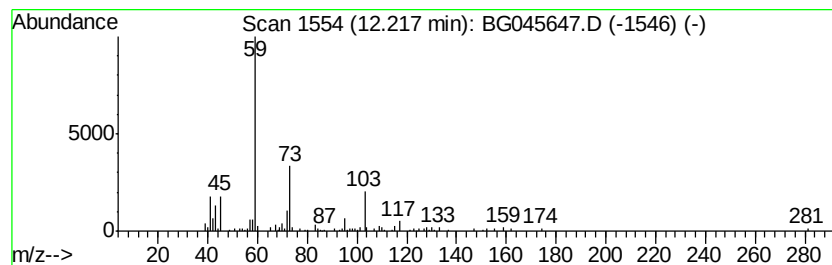
Instrument :
BNA_G
ClientSampleId :
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TIC Integration Parameters: LSCINT.P

Peak Number 3 tert-Butyl-[2-[2-(2-methoxy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.22	5.32 ng	144984	Napthalene-d8	10.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyl-[2-[2-(2-methoxvethox...	278	C13H30O4Si	1000352-09-5	64
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	64
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64
4	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	64
5	1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-11-4	64



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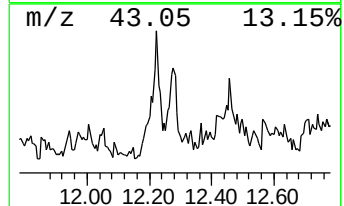
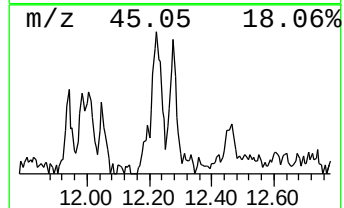
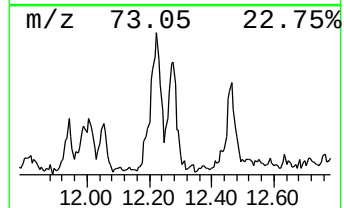
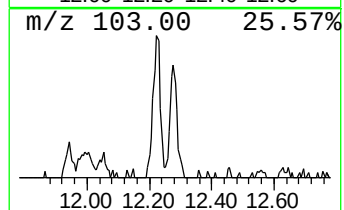
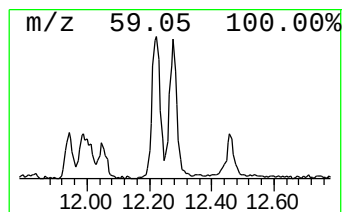
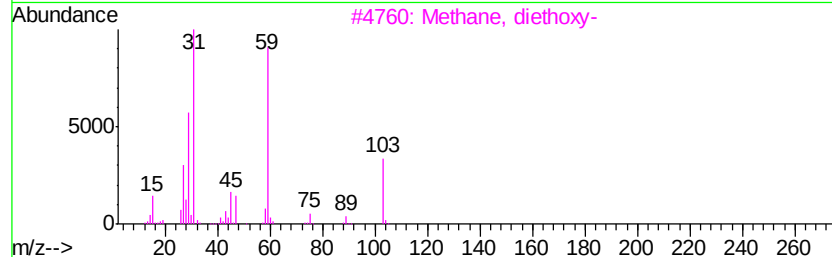
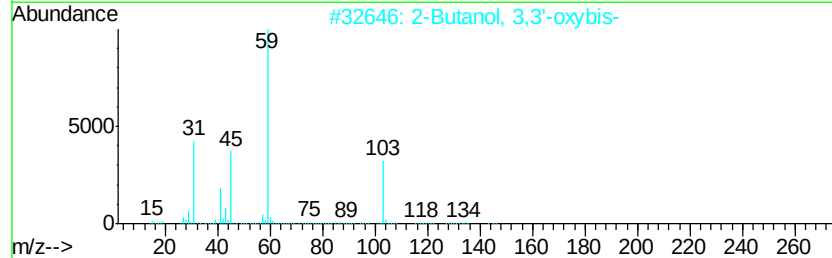
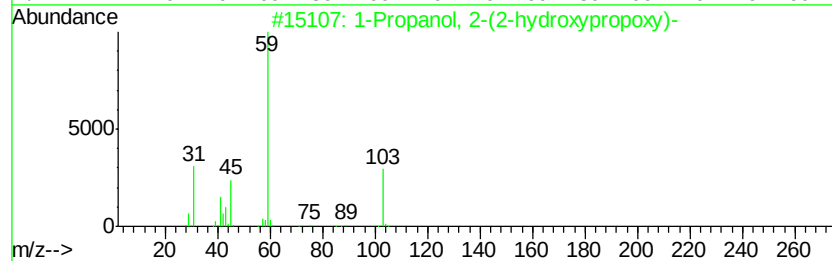
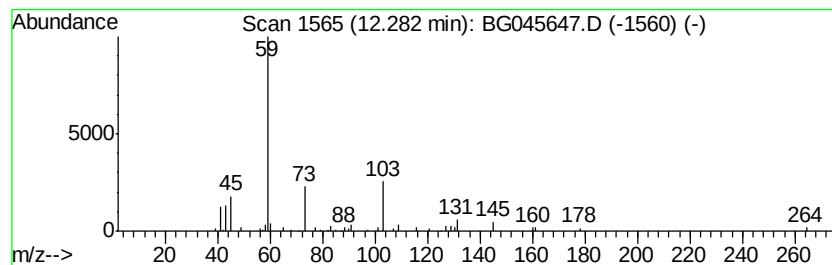
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Peak Number 4 1-Propanol, 2-(2-hydroxypro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.25 ng	61373	Napthalene-d8	10.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
2		2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	59
3		Methane, diethoxy-	104	C5H12O2	000462-95-3	53
4		2-Propanol, 1,1'-[(1-methyl-1,2-...]	192	C9H20O4	001638-16-0	53
5		Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	50



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Misc :
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Instrument :
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ClientSampled :
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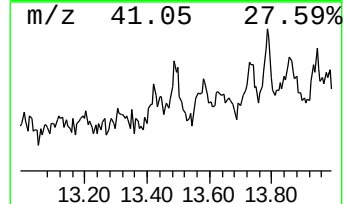
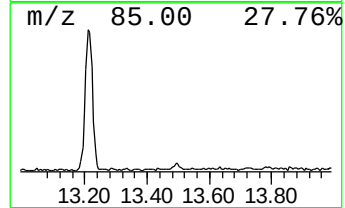
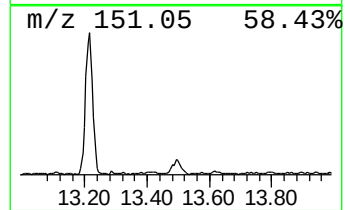
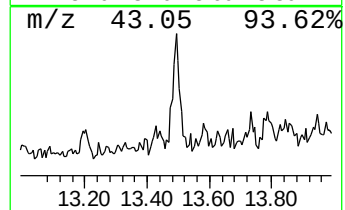
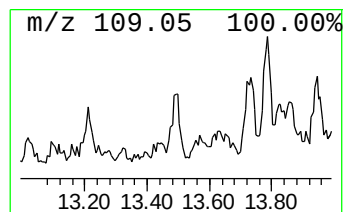
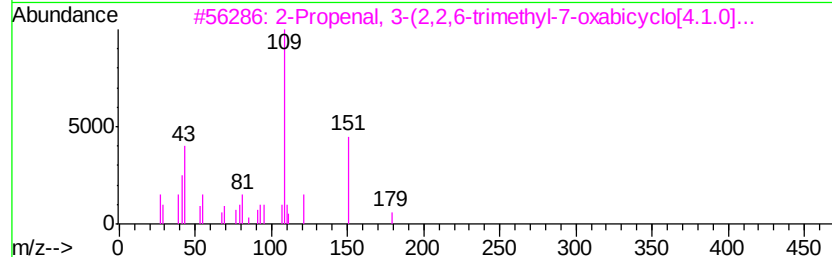
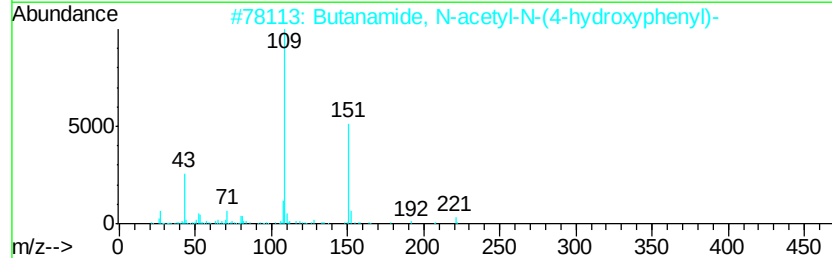
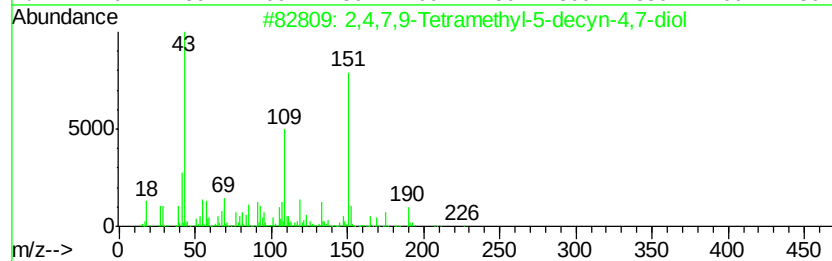
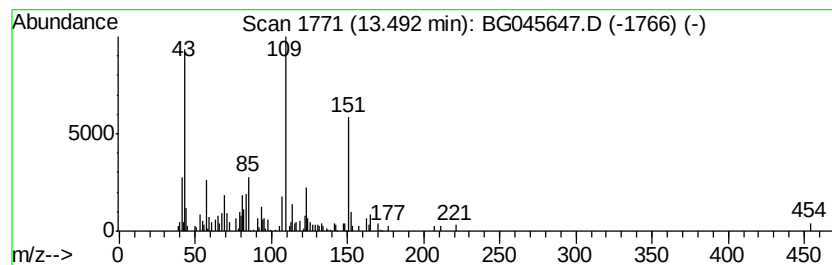
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Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.38 ng	77932	Acenaphthene-d10	14.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53
2		Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	49
3		2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	47
4		1(3H)-Isobenzofuranone, 3a,4,5,7...	182	C10H14O3	054346-06-4	38
5		2,3-Dehydro-1,8-cineole	152	C10H16O	092760-25-3	27



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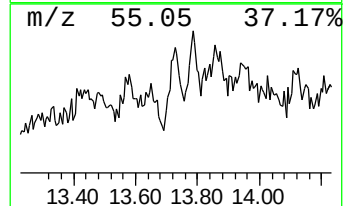
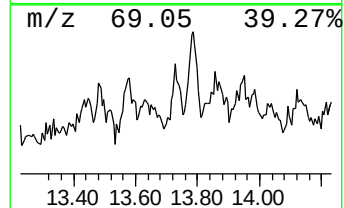
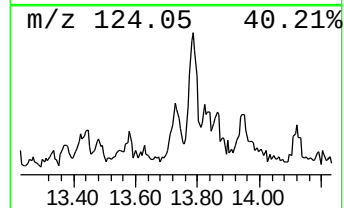
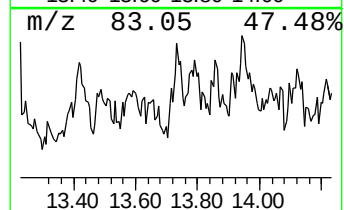
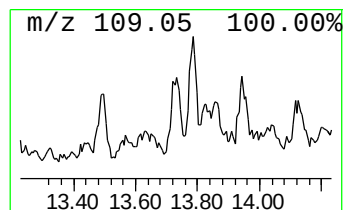
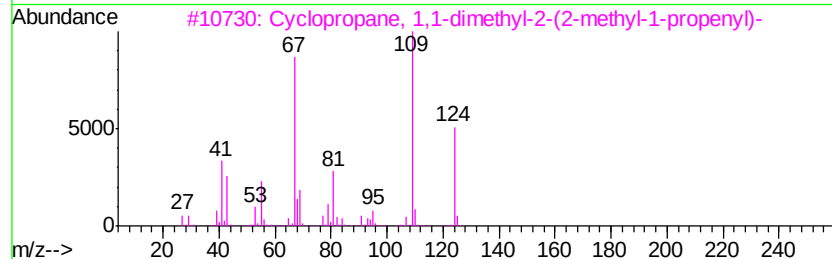
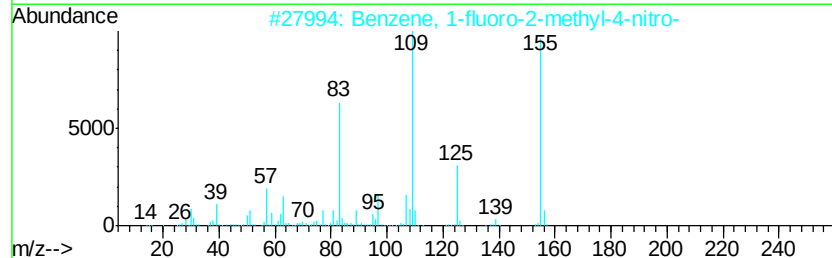
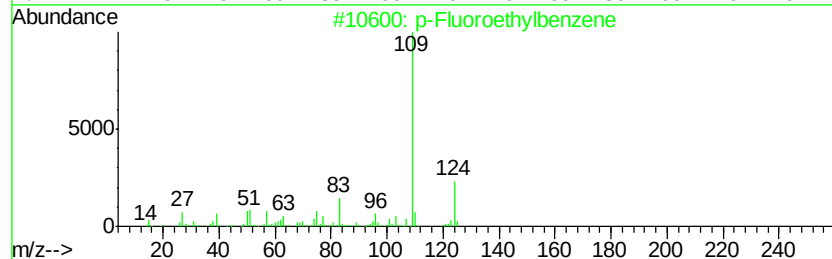
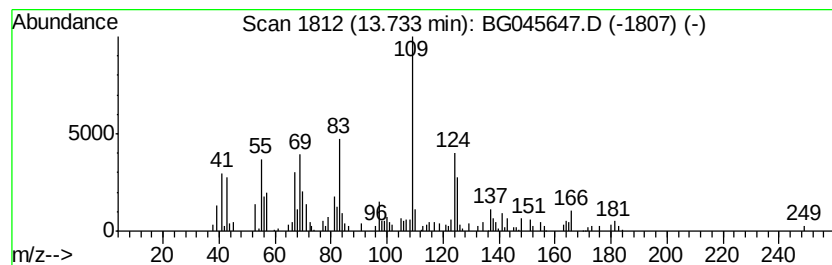
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Peak Number 6 p-Fluoroethylbenzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.73	2.49 ng	81690	Acenaphthene-d10	14.59	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Fluoroethylbenzene	124	C8H9F	000459-47-2	53
2	Benzene, 1-fluoro-2-methyl-4-nitro-	155	C7H6FN02	000455-88-9	50
3	Cvclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	46
4	1H-Pyrazole, 4-ethyl-3,5-dimethyl-	124	C7H12N2	007554-67-8	46
5	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	46



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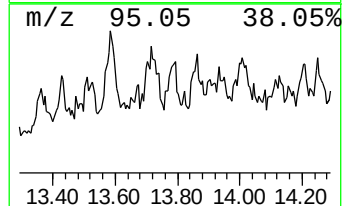
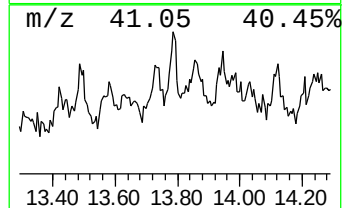
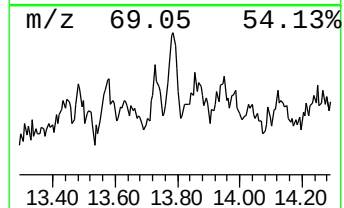
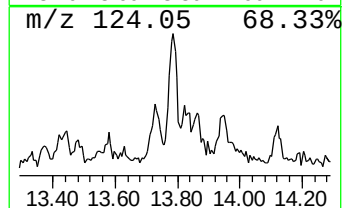
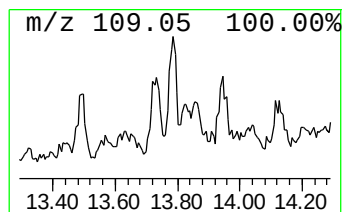
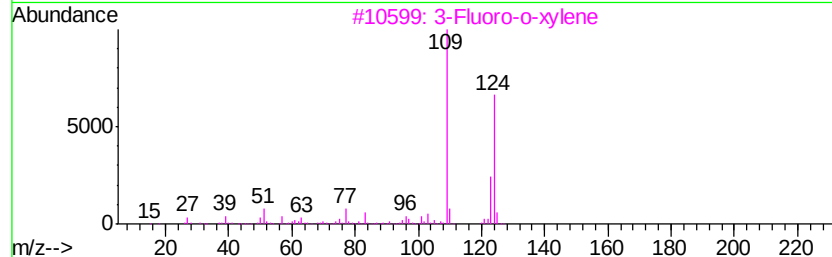
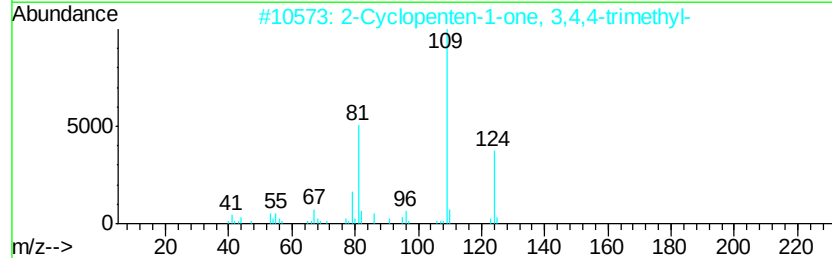
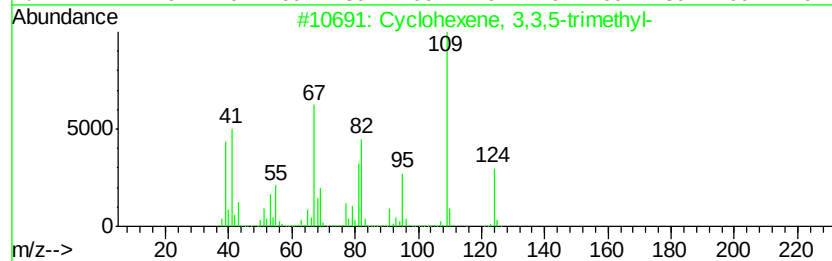
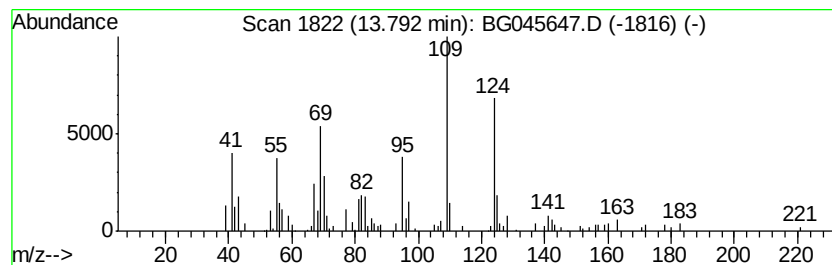
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ClientSampleID :
VE-1-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexene, 3,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	3.00 ng	98360	Acenaphthene-d10	14.59	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	59
2	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	52
3	3-Fluoro-o-xylene	124	C8H9F	000443-82-3	50
4	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	50
5	2-Cyclopenten-1-one, 3,5,5-trime...	124	C8H12O	024156-95-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045647.D
Acq On : 8 Jun 2020 18:15
Operator : CG/JU
Sample : L2904-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VE-1-4

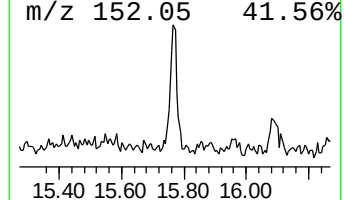
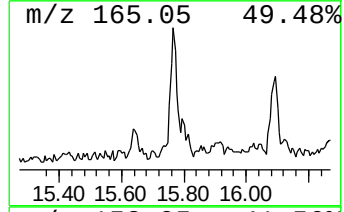
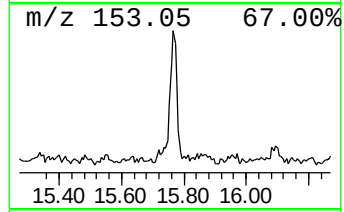
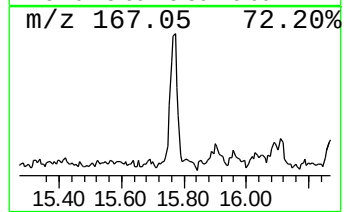
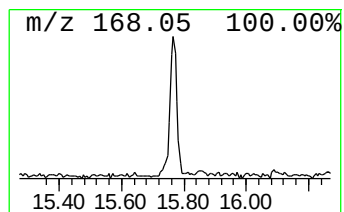
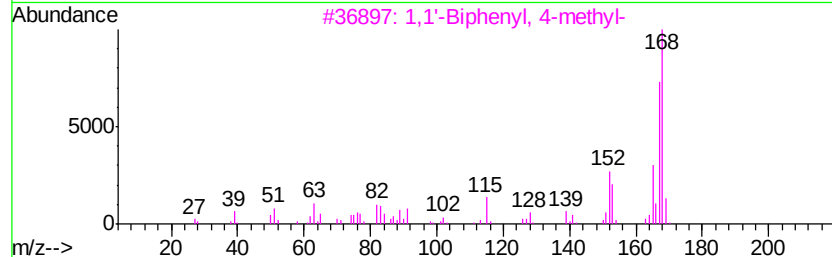
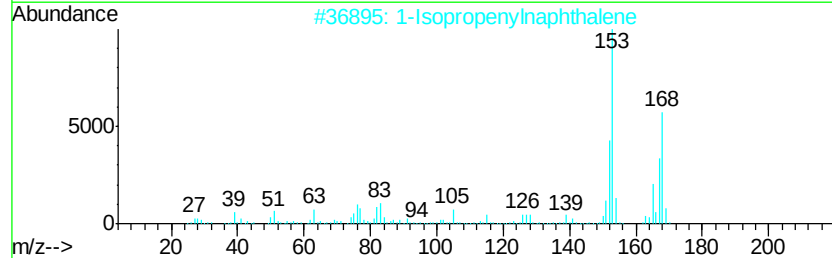
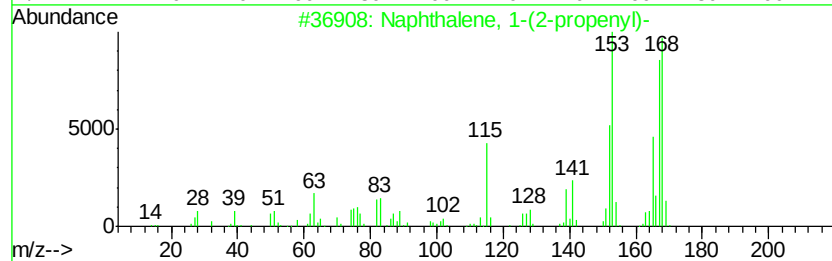
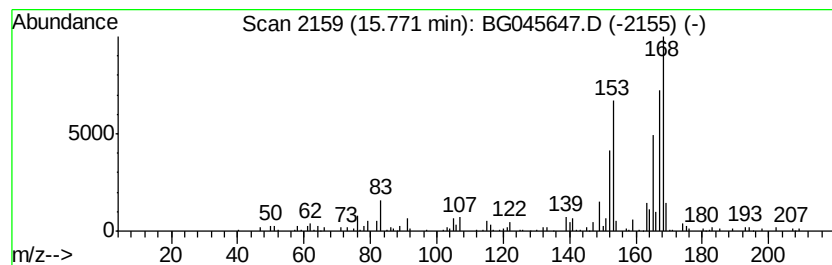
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1-(2-propenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.17 ng	103730	Acenaphthene-d10	14.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	81
2		1-Isopropenyl naphthalene	168	C13H12	001855-47-6	72
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045647.D
Acq On : 8 Jun 2020 18:15
Operator : CG/JU
Sample : L2904-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

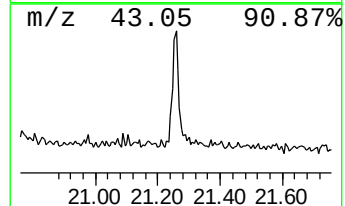
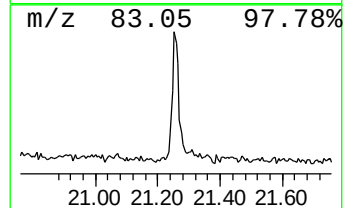
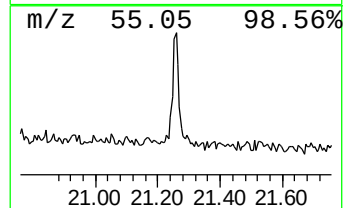
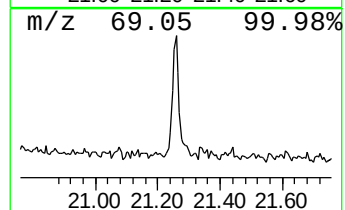
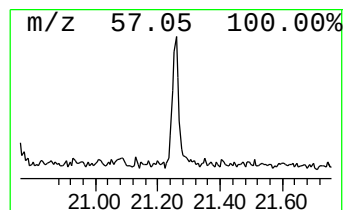
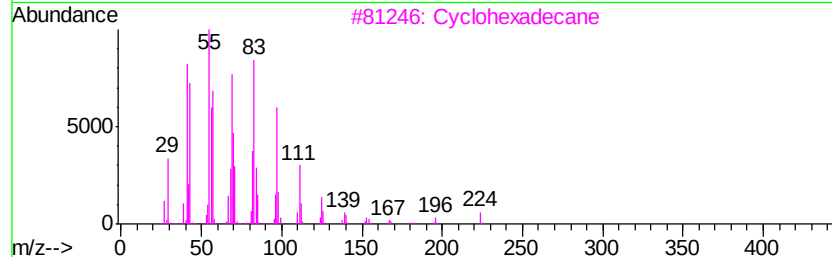
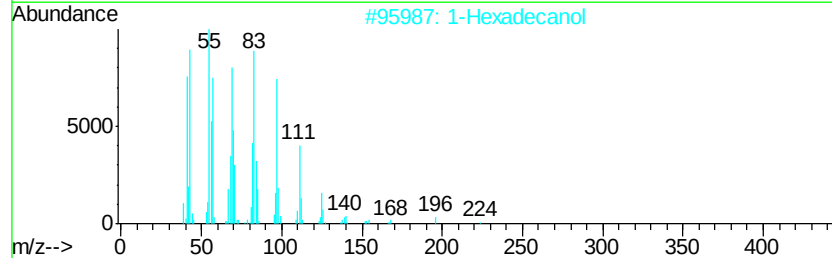
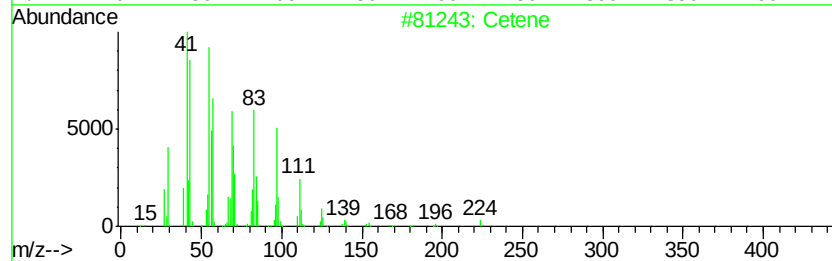
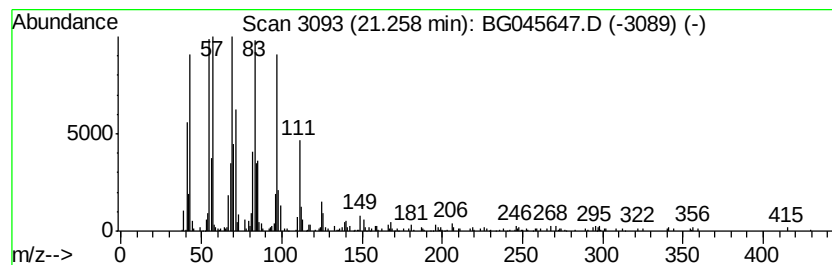
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cetene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.26	6.33 ng	280758	Chrysene-d12	21.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	93
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045647.D
Acq On : 8 Jun 2020 18:15
Operator : CG/JU
Sample : L2904-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VE-1-4

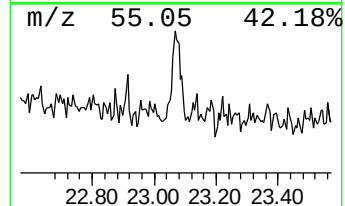
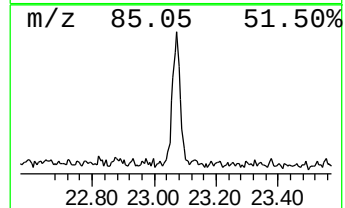
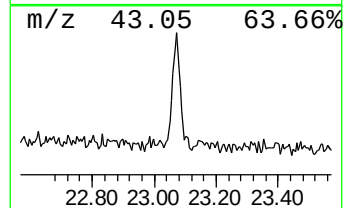
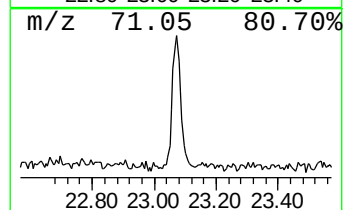
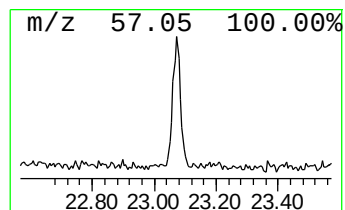
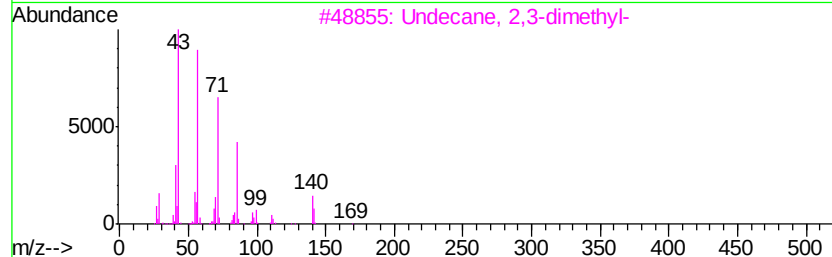
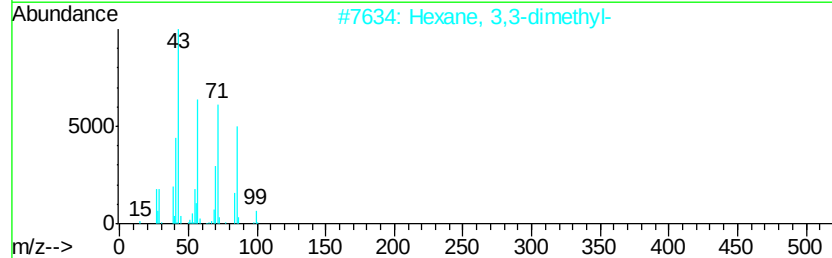
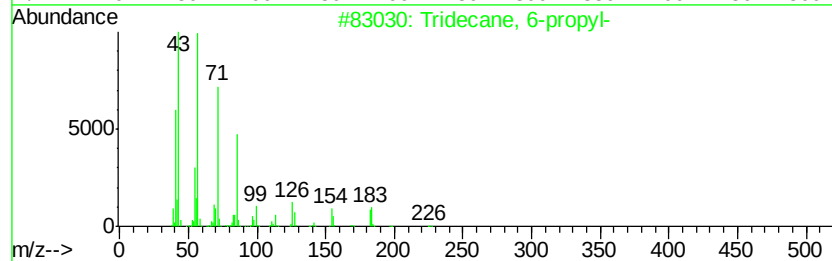
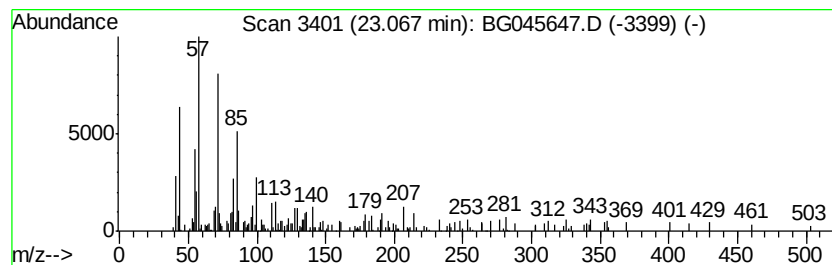
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	2.15 ng	95400	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	58
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
3		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	53
4		Nonadecane	268	C19H40	000629-92-5	53
5		Octane, 4-methyl-	128	C9H20	002216-34-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060820\
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Acq On : 8 Jun 2020 18:15
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Sample : L2904-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VE-1-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-eth...	7.55	3.1 ng		60317	1	7.95	391714	20.0
tert-Butyl-[2-[2-...	12.22	5.3 ng		144984	2	10.75	544693	20.0
1-Propanol, 2-(2-...	12.28	2.3 ng		61373	2	10.75	544693	20.0
2,4,7,9-Tetrameth...	13.49	2.4 ng		77932	3	14.59	655195	20.0
p-Fluoroethylbenzene	13.73	2.5 ng		81690	3	14.59	655195	20.0
Cyclohexene, 3,3,...	13.79	3.0 ng		98360	3	14.59	655195	20.0
Naphthalene, 1-(2...	15.77	3.2 ng		103730	3	14.59	655195	20.0
Cetene	21.26	6.3 ng		280758	5	21.60	887628	20.0
Tridecane, 6-propyl-	23.07	2.1 ng		95400	5	21.60	887628	20.0