

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041716.D
 Acq On : 18 Jul 2019 19:05
 Operator : HP/JU
 Sample : K3838-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

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-BG071519.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	3.118	3	5	14	rVB	448285	989516	6.78%	0.877%
2	3.206	14	20	36	rVB	800860	1608068	11.01%	1.425%
3	5.609	423	429	438	rVB	131908	220875	1.51%	0.196%
4	6.120	510	516	527	rBV	507928	802272	5.49%	0.711%
5	7.195	692	699	717	rVB2	110505	283072	1.94%	0.251%
6	7.577	756	764	772	rBV	200379	348347	2.39%	0.309%
7	8.047	837	844	850	rBV	457198	781911	5.35%	0.693%
8	8.106	850	854	862	rVB	92994	151844	1.04%	0.135%
9	8.370	891	899	907	rBV	599772	1009297	6.91%	0.895%
10	8.829	973	977	988	rVB	165719	271976	1.86%	0.241%
11	9.199	1033	1040	1050	rVB	486521	858839	5.88%	0.761%
12	10.392	1235	1243	1255	rBV3	271665	698045	4.78%	0.619%
13	10.850	1310	1321	1328	rBV	615294	1159623	7.94%	1.028%
14	11.008	1339	1348	1364	rBV	7459168	13610908	93.20%	12.063%
15	11.384	1406	1412	1418	rBV	252135	481000	3.29%	0.426%
16	11.449	1418	1423	1428	rVV	207406	345039	2.36%	0.306%
17	11.655	1451	1458	1464	rBV	194433	310913	2.13%	0.276%
18	12.054	1521	1526	1539	rVB2	69369	179903	1.23%	0.159%
19	13.147	1706	1712	1722	rVB4	100862	281710	1.93%	0.250%
20	13.288	1730	1736	1746	rVB	1286369	2080614	14.25%	1.844%
21	13.517	1769	1775	1787	rVV4	94311	204102	1.40%	0.181%
22	13.635	1787	1795	1818	rVB	5501180	8358124	57.23%	7.408%
23	14.111	1870	1876	1882	rBV	430361	619500	4.24%	0.549%
24	14.604	1951	1960	1965	rBV2	543169	919831	6.30%	0.815%
25	14.663	1965	1970	1982	rVB2	973241	1531603	10.49%	1.357%
26	15.803	2159	2164	2166	rBV	116945	177347	1.21%	0.157%
27	15.838	2166	2170	2188	rVB2	248291	569418	3.90%	0.505%
28	16.144	2216	2222	2225	rBV2	223490	330734	2.26%	0.293%
29	16.196	2225	2231	2245	rVV	8810982	12403184	84.93%	10.993%
30	16.414	2263	2268	2280	rVB	2332442	3426834	23.46%	3.037%
31	17.395	2429	2435	2443	rVB2	1186414	1836574	12.58%	1.628%
32	17.953	2523	2530	2547	rVB3	369366	918377	6.29%	0.814%
33	18.253	2574	2581	2598	rBV	8558148	14604345	100.00%	12.944%
34	19.557	2799	2803	2815	rVB2	254420	396159	2.71%	0.351%

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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

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35	19.681	2819	2824	2837	rVB3	245434	610800	4.18%	0.541%
36	19.904	2857	2862	2874	rBV	7838402	11444167	78.36%	10.143%
37	19.998	2874	2878	2885	rVB	2122286	2867238	19.63%	2.541%
38	20.815	3010	3017	3020	rBV2	93623	155923	1.07%	0.138%
39	21.073	3057	3061	3073	rBV4	111532	322333	2.21%	0.286%
40	21.279	3090	3096	3128	rBV	4893851	9440835	64.64%	8.367%
41	21.649	3152	3159	3166	rBV	1249835	2095975	14.35%	1.858%
42	21.866	3192	3196	3202	rVB	155679	215725	1.48%	0.191%
43	22.477	3295	3300	3313	rVB	183742	376058	2.57%	0.333%
44	22.900	3365	3372	3396	rBV	1702925	4050889	27.74%	3.590%
45	23.171	3413	3418	3432	rVB	179624	393609	2.70%	0.349%
46	23.981	3549	3556	3564	rBV2	157969	361524	2.48%	0.320%
47	24.845	3692	3703	3712	rBV2	767889	2163512	14.81%	1.917%
48	24.939	3713	3719	3729	rVB2	134828	340697	2.33%	0.302%
49	25.268	3766	3775	3791	rBV	406148	1530361	10.48%	1.356%
50	26.079	3907	3913	3924	rVB2	93514	244500	1.67%	0.217%
51	26.625	3996	4006	4018	rBV4	361434	1474923	10.10%	1.307%
52	27.078	4072	4083	4090	rBV5	488279	1736011	11.89%	1.539%
53	29.058	4411	4420	4422	rBV6	85264	236513	1.62%	0.210%

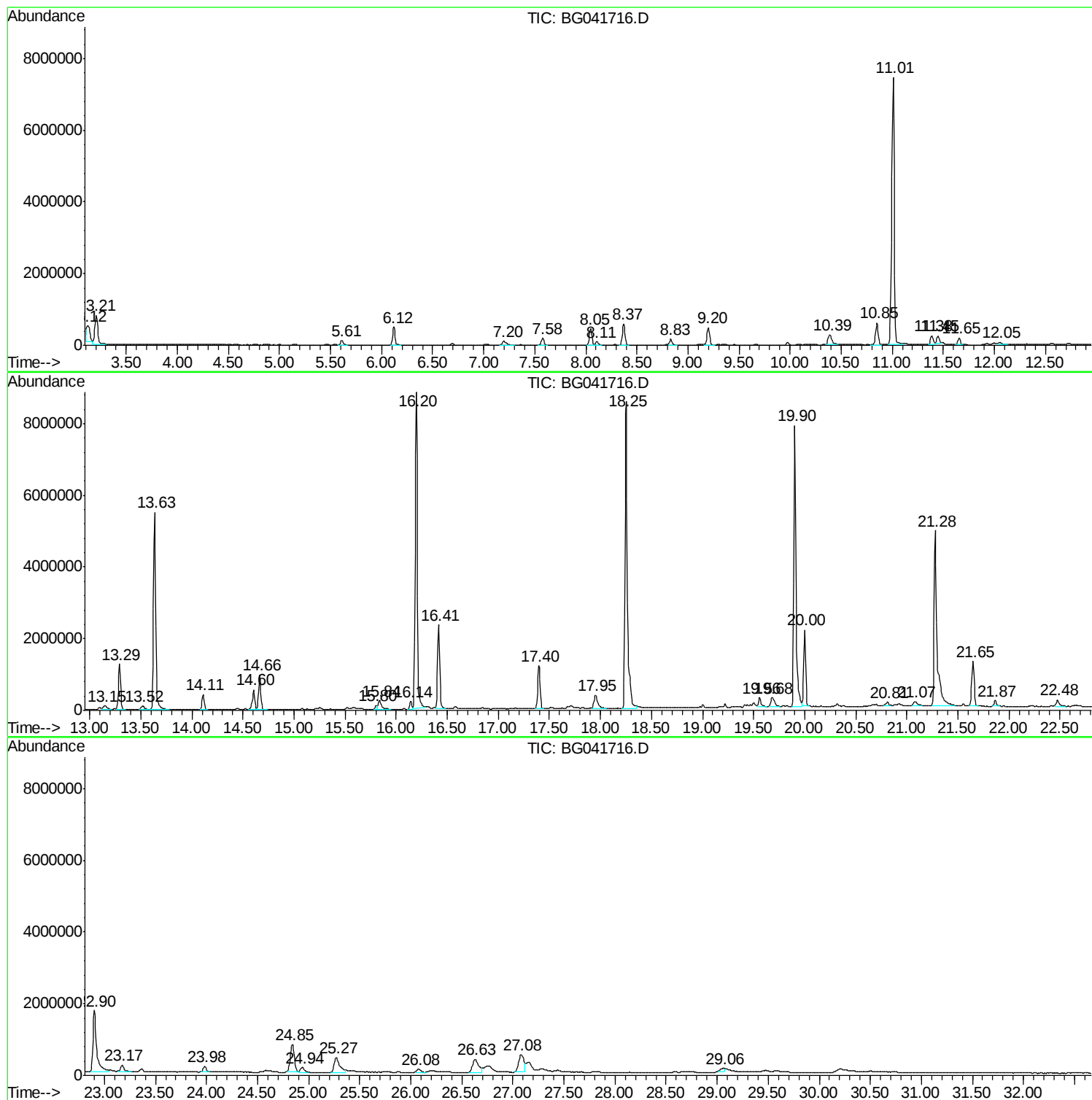
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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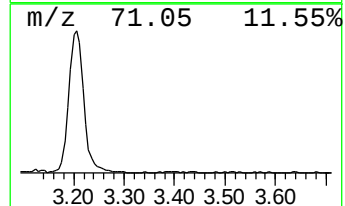
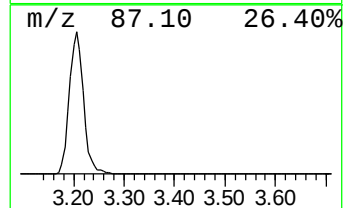
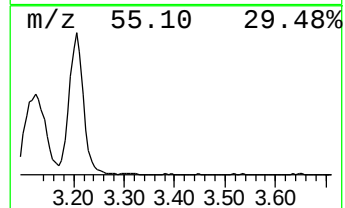
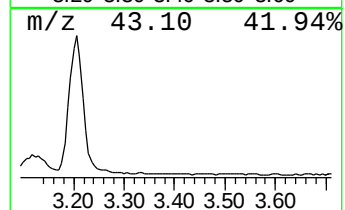
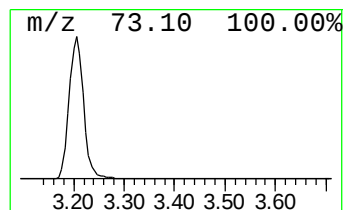
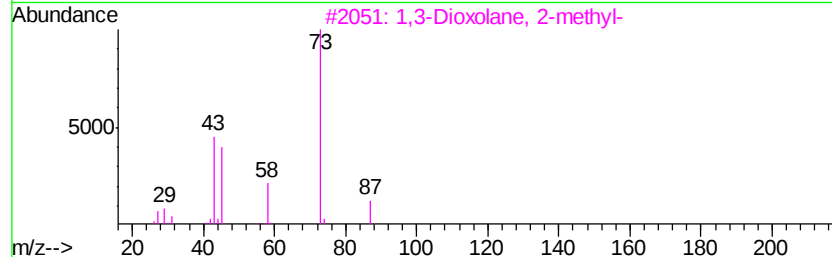
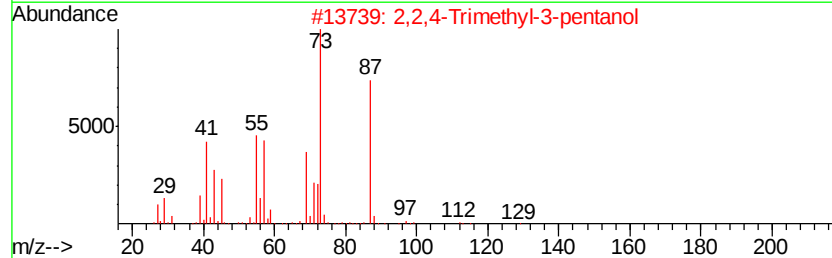
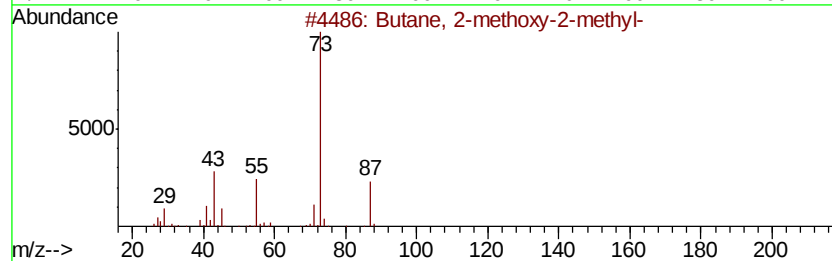
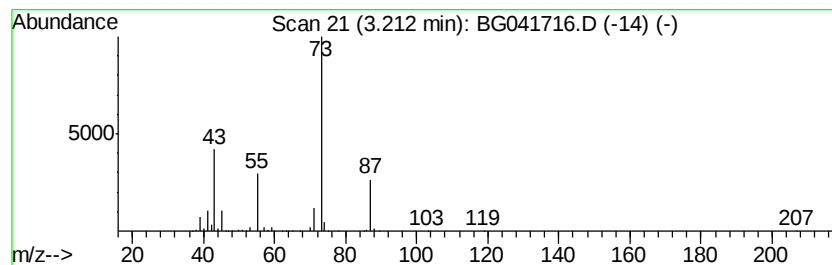
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	41.13 ng	1608070	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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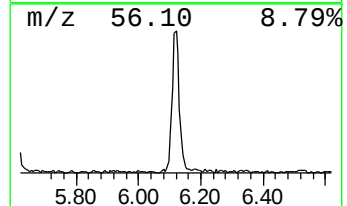
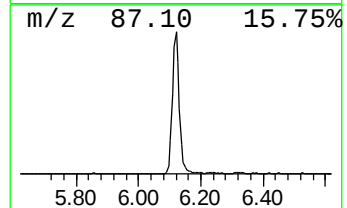
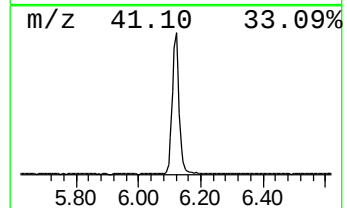
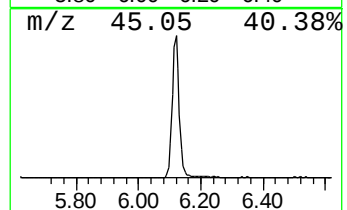
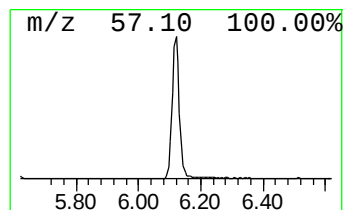
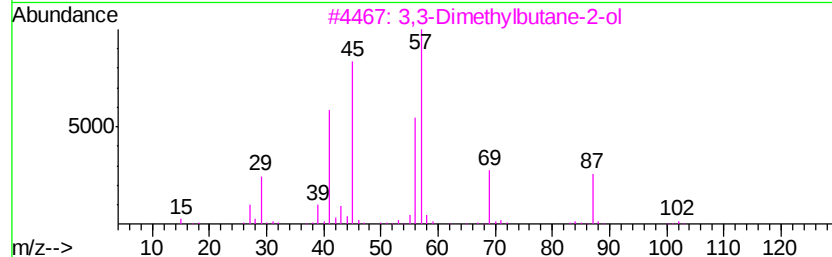
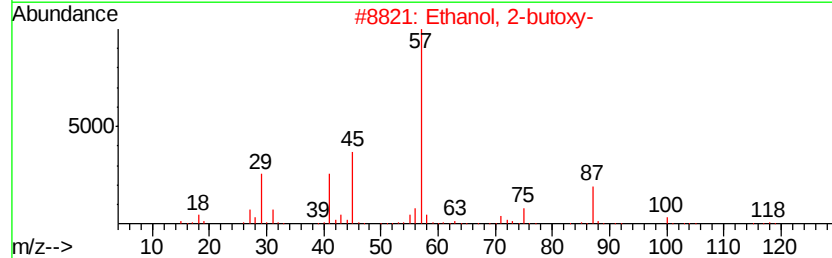
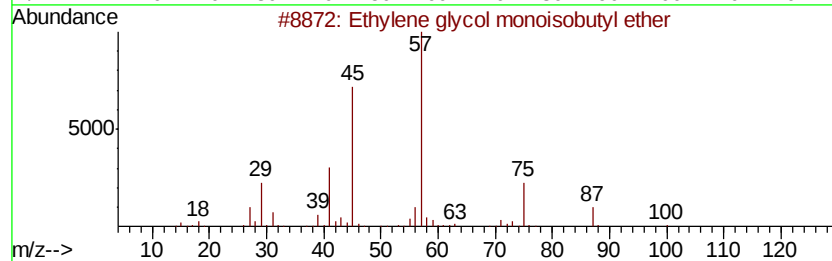
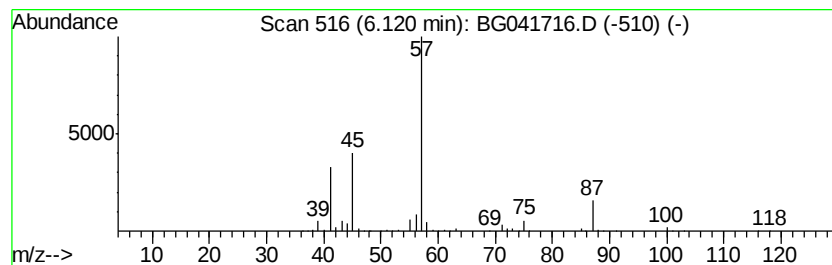
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethylene glycol monoisobuty... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	20.52 ng	802272	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
2		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53
3		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	40
4		Isobutyl ether	130	C8H18O	000628-55-7	12
5		n-Butyl ether	130	C8H18O	000142-96-1	12



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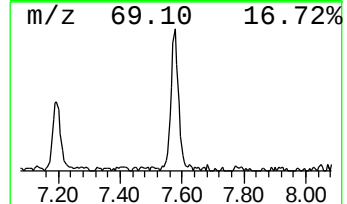
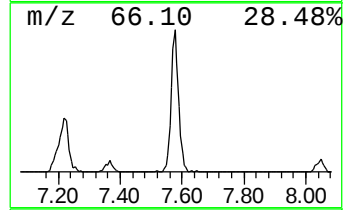
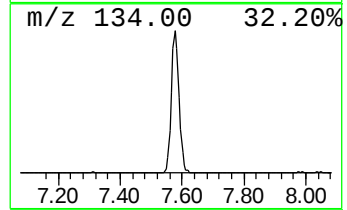
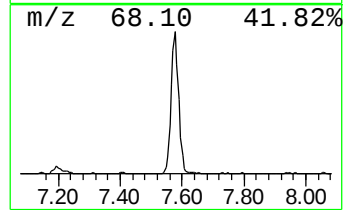
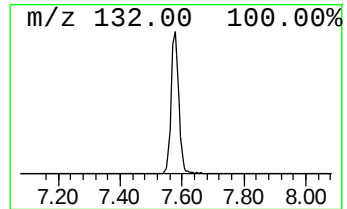
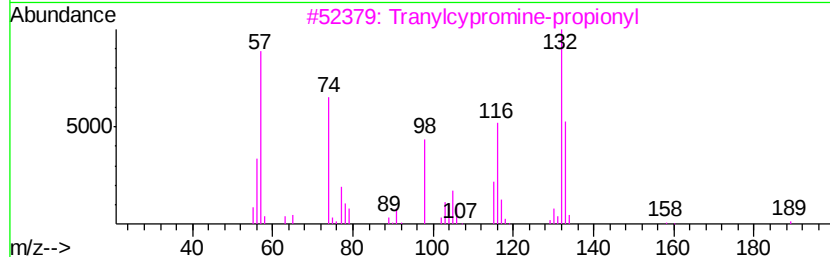
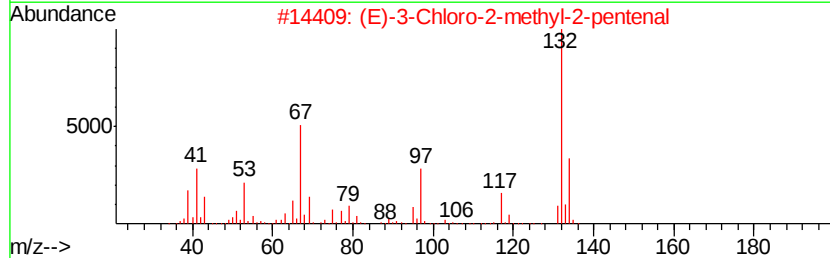
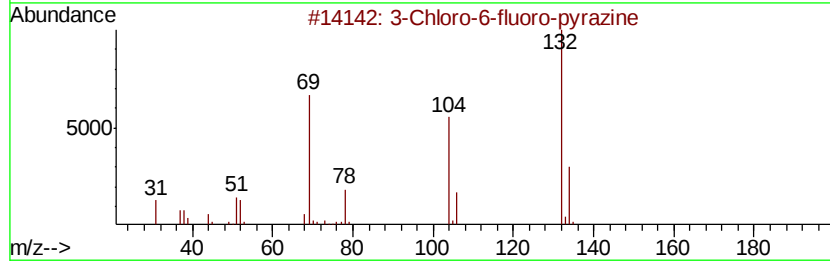
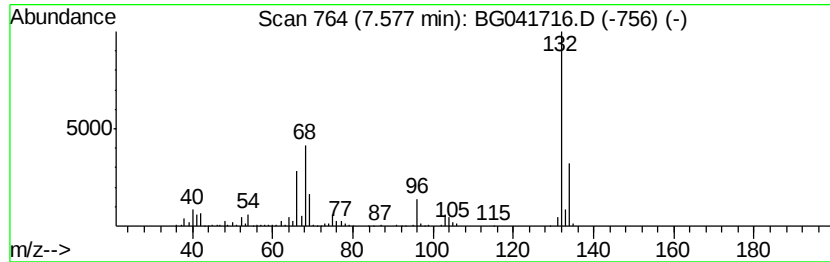
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.58 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	8.91 ng	348347	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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ALS Vial : 10 Sample Multiplier: 1

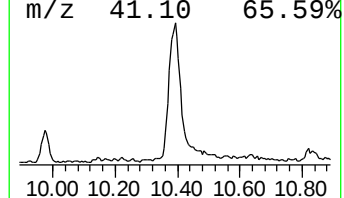
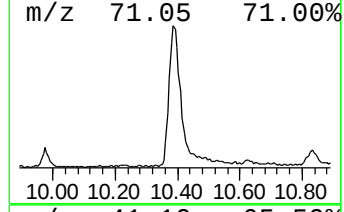
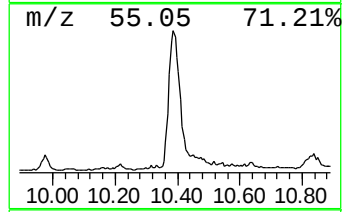
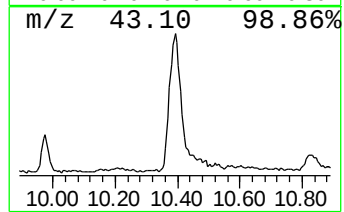
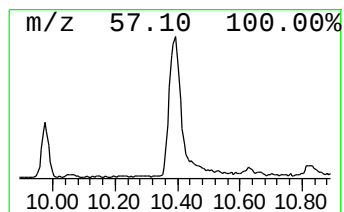
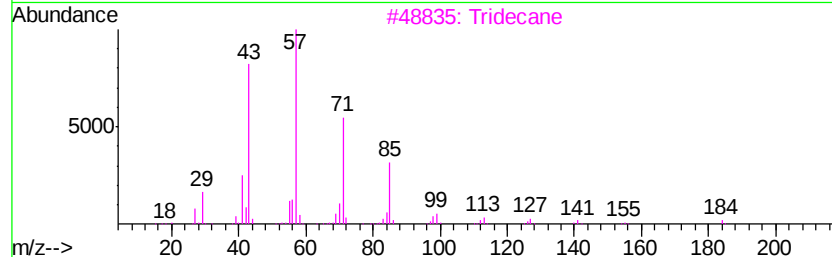
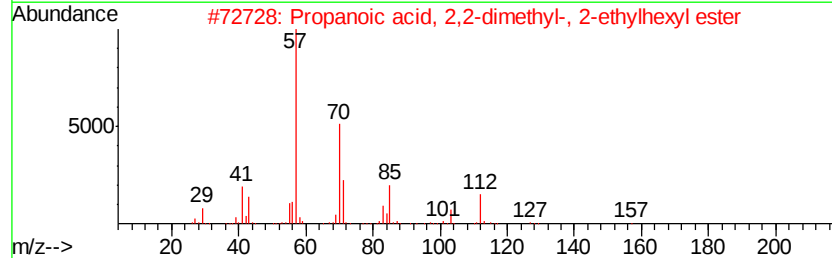
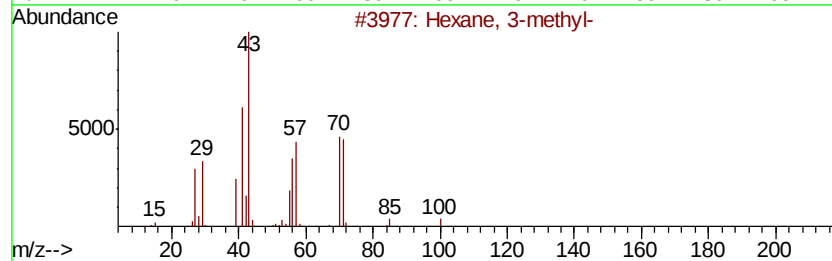
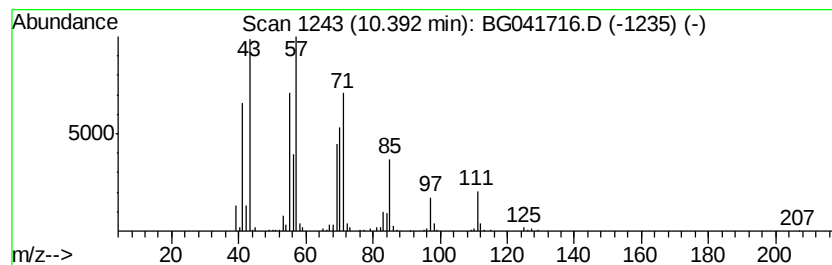
Instrument :
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Hexane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	12.04 ng	698045	Napthalene-d8	10.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexane, 3-methyl-	100 C7H16	000589-34-4	50
2	Propanoic acid, 2,2-dimethyl-, 2...	214 C13H26O2	016387-18-1	43
3	Tridecane	184 C13H28	000629-50-5	43
4	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	43
5	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	43



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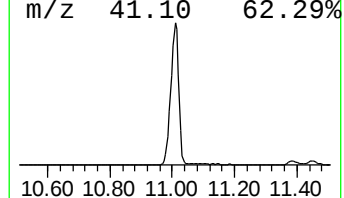
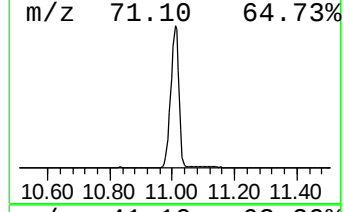
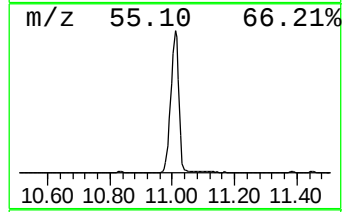
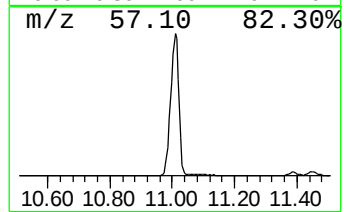
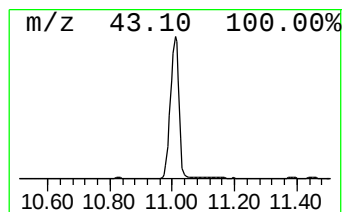
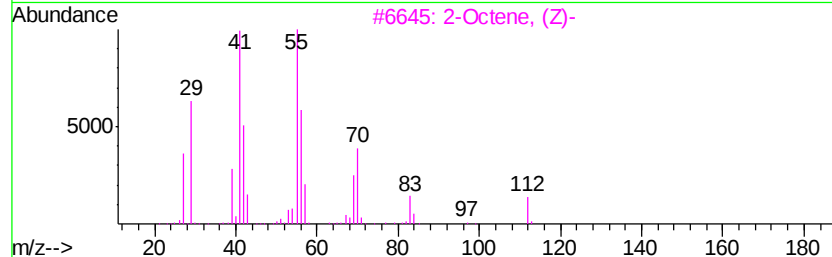
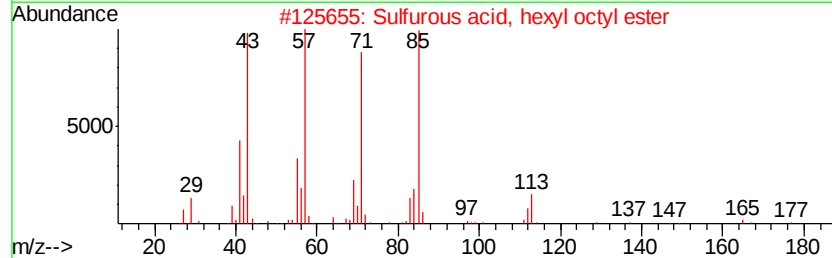
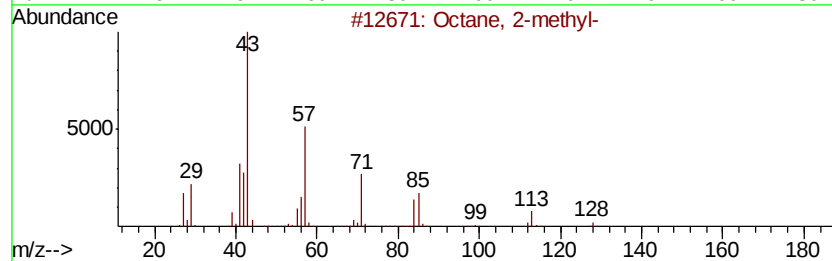
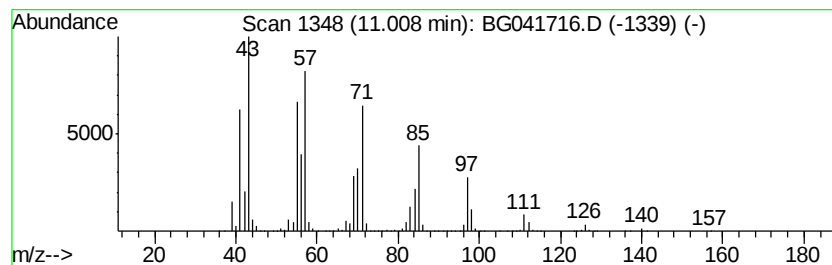
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	234.75 ng	13610900	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	47
2		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	43
3		2-Octene, (Z)-	112	C8H16	007642-04-8	38
4		3-Octene, (Z)-	112	C8H16	014850-22-7	38
5		3-Octene, (E)-	112	C8H16	014919-01-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

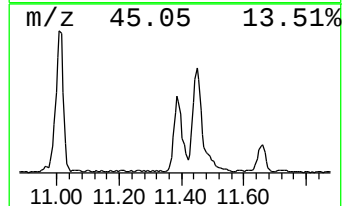
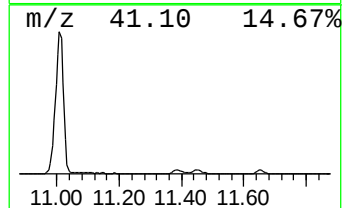
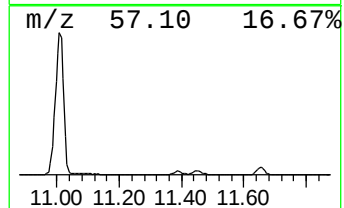
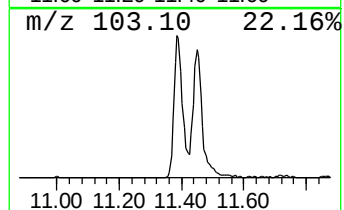
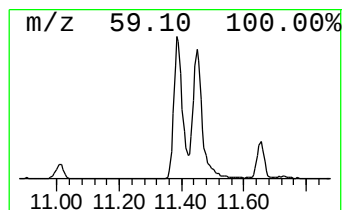
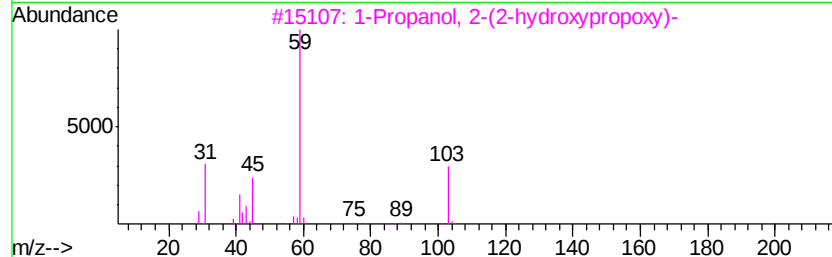
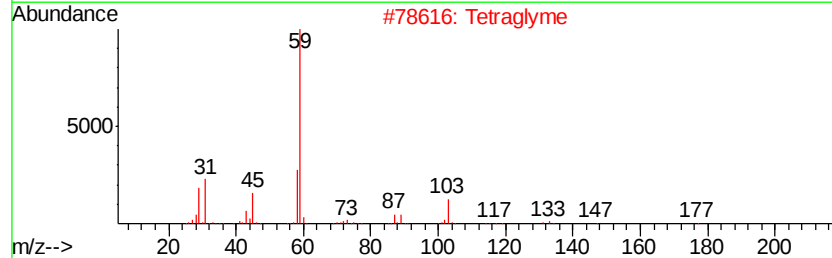
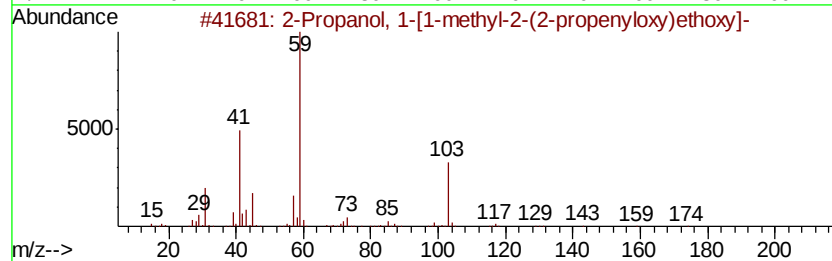
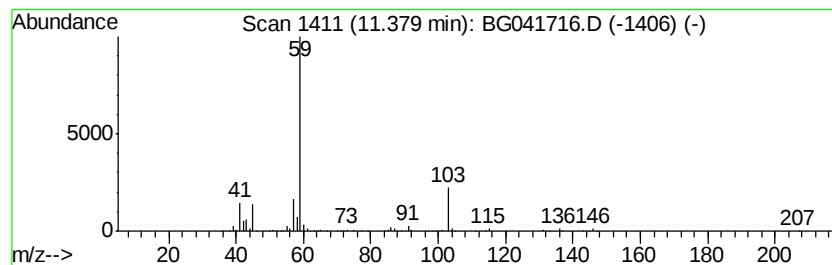
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	8.30 ng	481000	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
2		Tetraolyme	222	C10H22O5	000143-24-8	72
3		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
4		1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-4	64
5		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

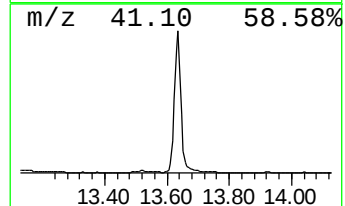
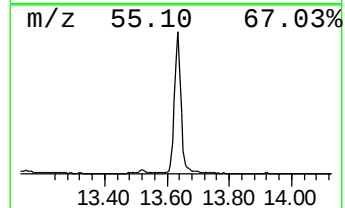
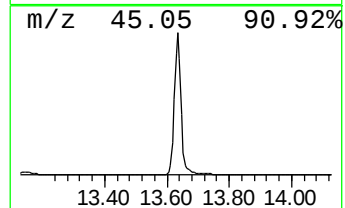
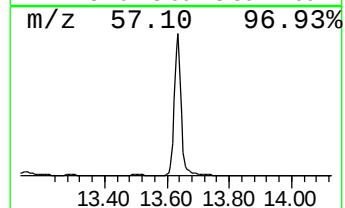
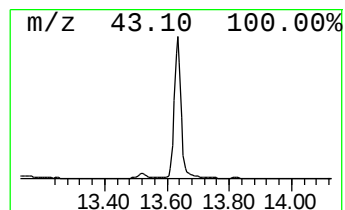
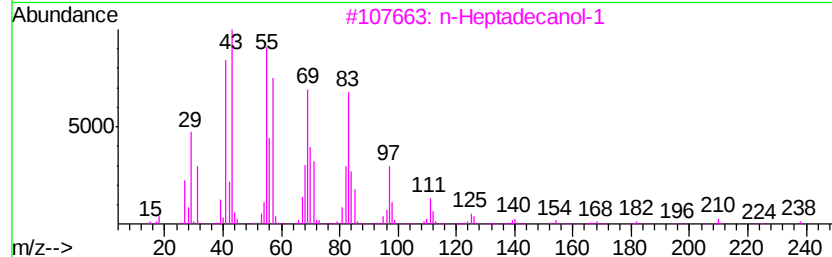
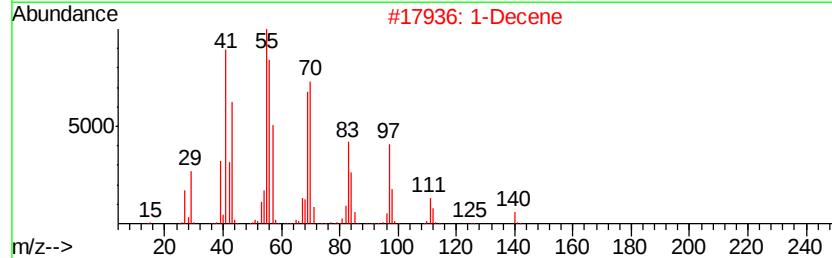
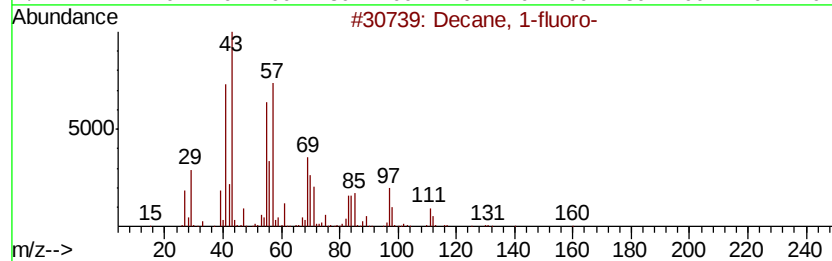
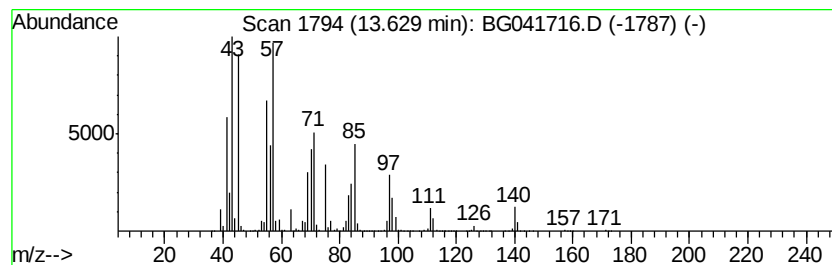
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 1-fluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	109.14 ng	8358120	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1-fluoro-	160	C10H21F	000334-56-5	55
2		1-Decene	140	C10H20	000872-05-9	46
3		n-Heptadecanol-1	256	C17H36O	001454-85-9	43
4		Cyclodecane	140	C10H20	000293-96-9	41
5		Hexyl octyl ether	214	C14H30O	017071-54-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

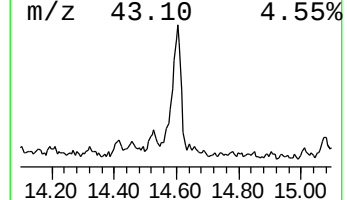
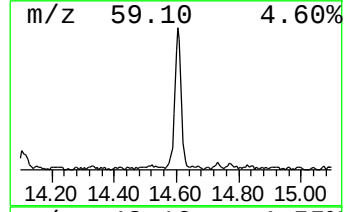
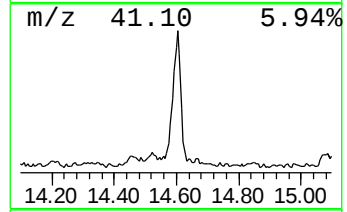
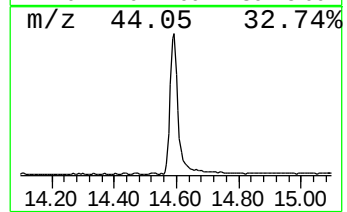
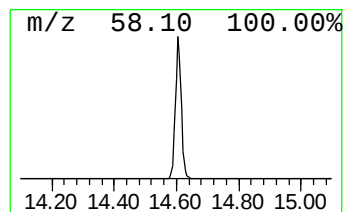
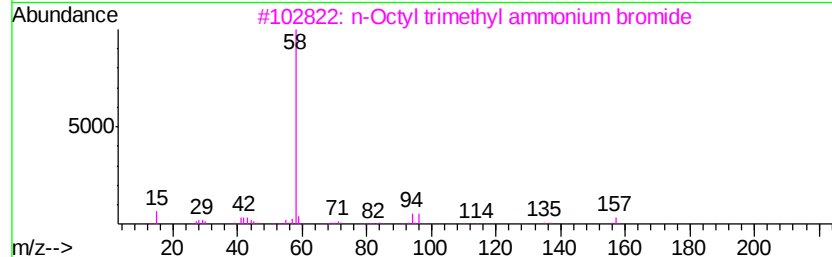
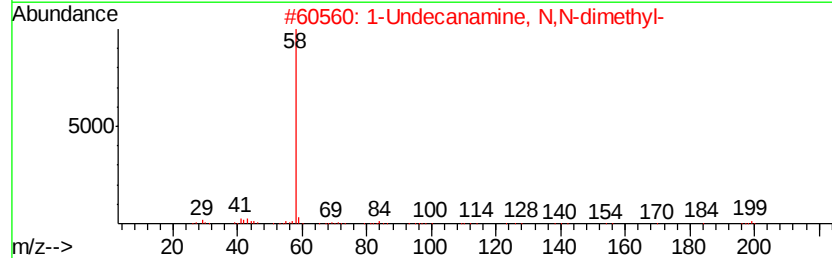
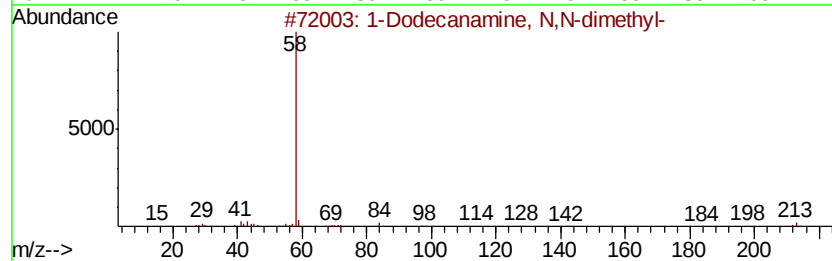
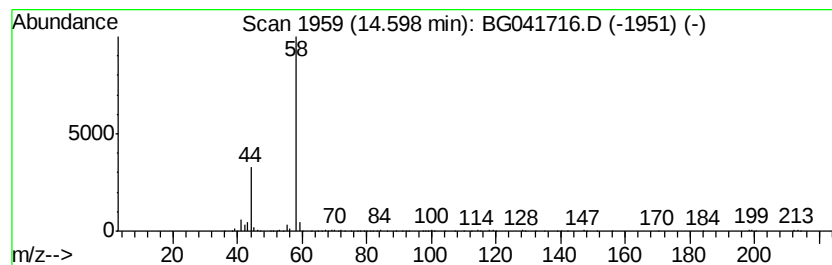
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Dodecanamine, N,N-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	12.01 ng	919831	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	72
2		1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	72
3		n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	50
4		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	50
5		1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

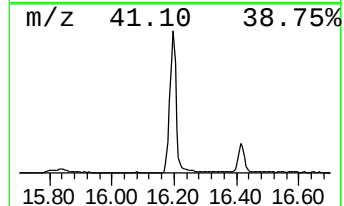
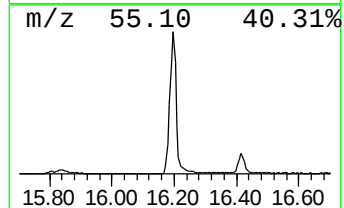
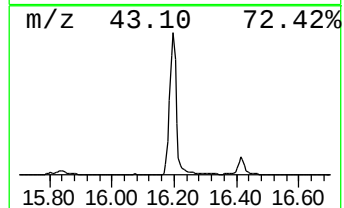
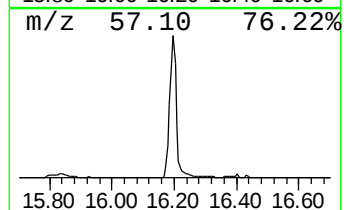
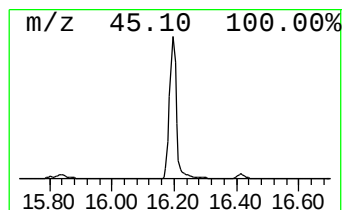
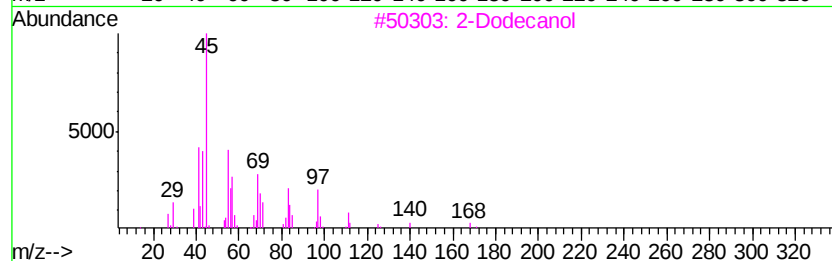
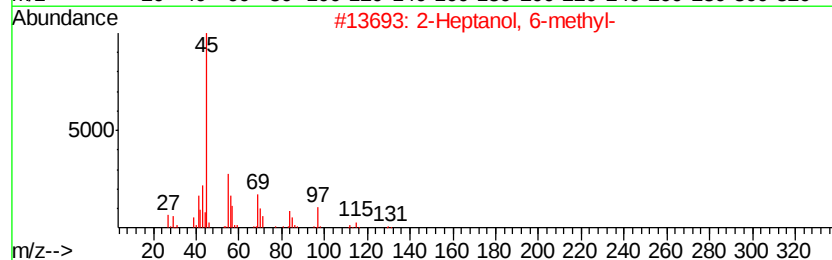
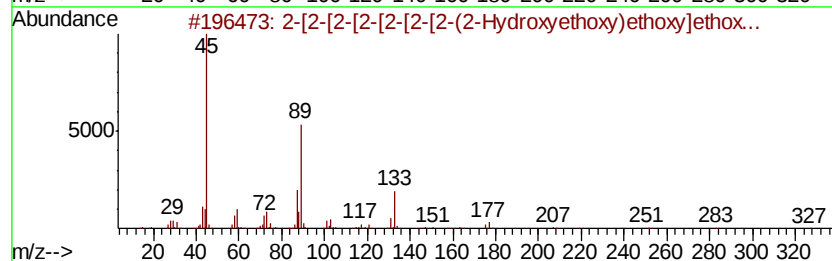
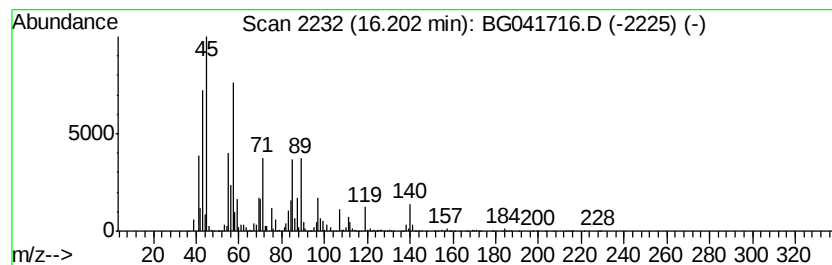
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.20 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	135.07 ng	12403200	Phenanthrene-d10	17.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	-[2-[2-[2-[2-[2-(2-Hydroxvet...	370	C16H34O9	005117-19-1	43	
2	2	Heptanol, 6-methyl-	130	C8H18O	004730-22-7	35	
3	2	Dodecanol	186	C12H26O	010203-28-8	35	
4	Propanoic acid, 2-methyl-, hexyl...	172	C10H20O2	002349-07-7	30		
5	2-Octanol	130	C8H18O	000123-96-6	30		



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

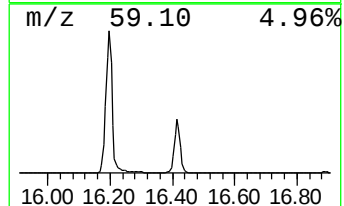
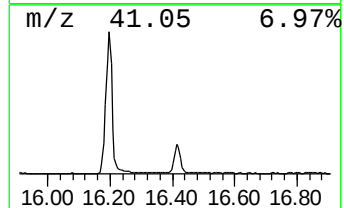
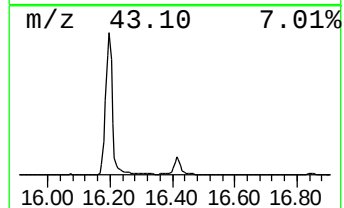
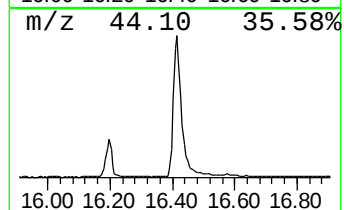
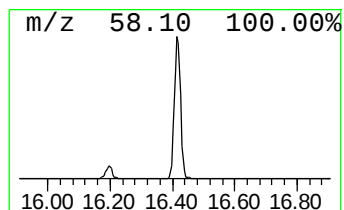
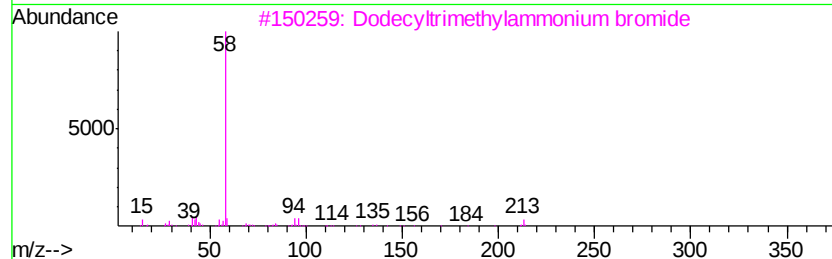
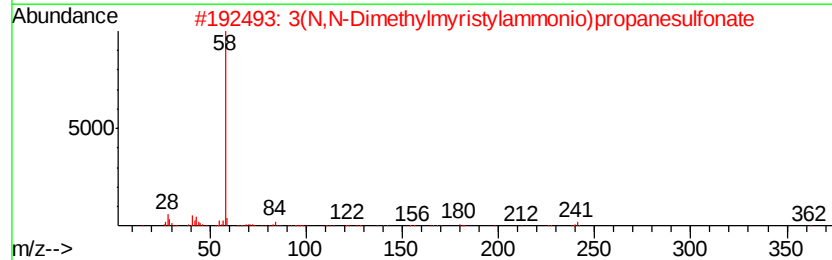
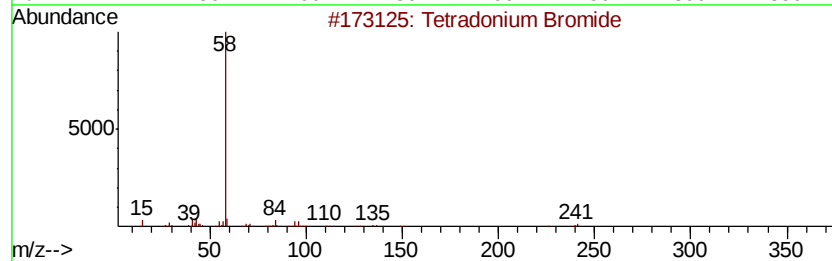
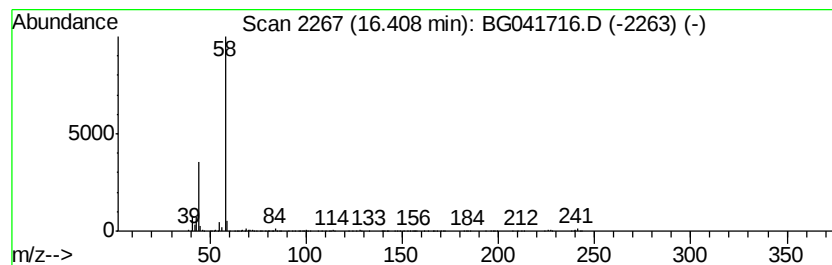
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradonium Bromide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	37.32 ng	3426830	Phenanthrene-d10	17.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradonium Bromide	335	C17H38BrN	001119-97-7	72
2		3(N,N-Dimethylmyristylammonio)pr...	363	C19H41N03S	014933-09-6	72
3		Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	64
4		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	58
5		Cetrimonium Bromide	363	C19H42BrN	000057-09-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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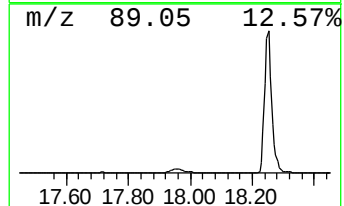
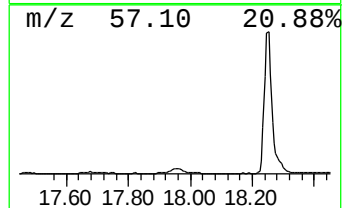
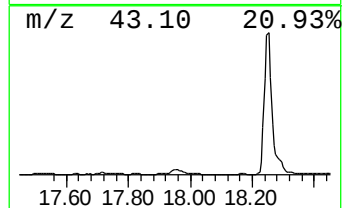
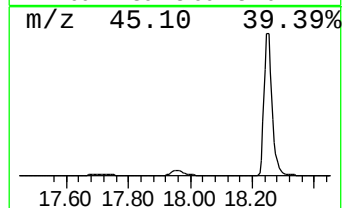
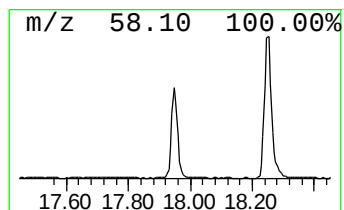
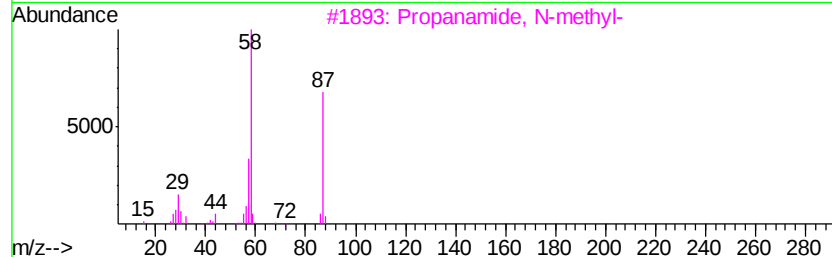
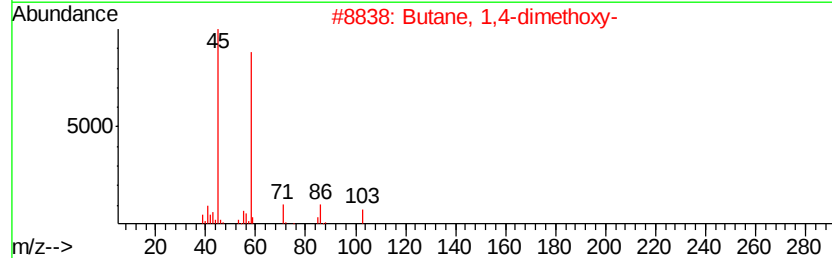
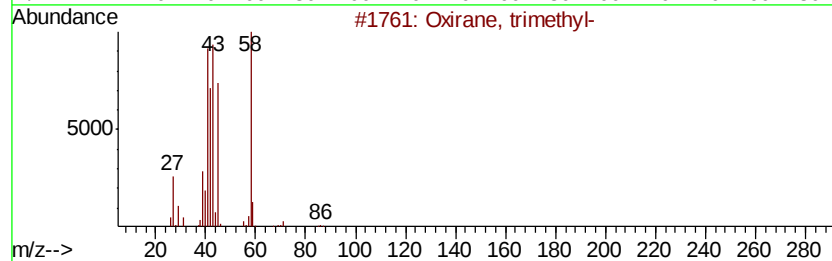
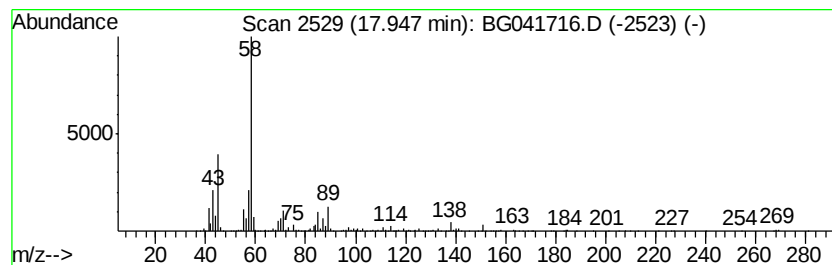
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oxirane, trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	10.00 ng	918377	Phenanthrene-d10	17.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	59
2		Butane, 1,4-dimethoxy-	118	C6H14O2	013179-96-9	59
3		Propanamide, N-methyl-	87	C4H9NO	001187-58-2	43
4		Cyclobutane, methoxy-	86	C5H10O	018593-33-4	38
5		2-Propenoic acid, 2-(dimethylami...	143	C7H13NO2	002439-35-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

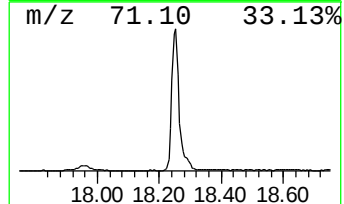
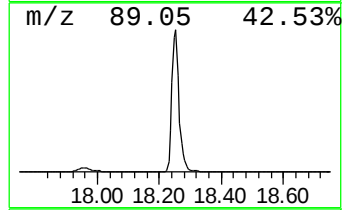
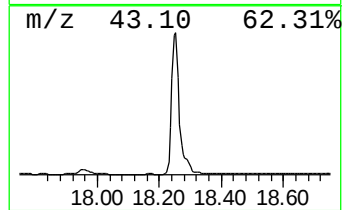
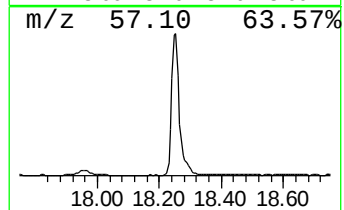
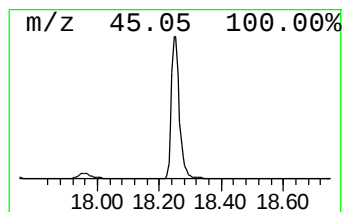
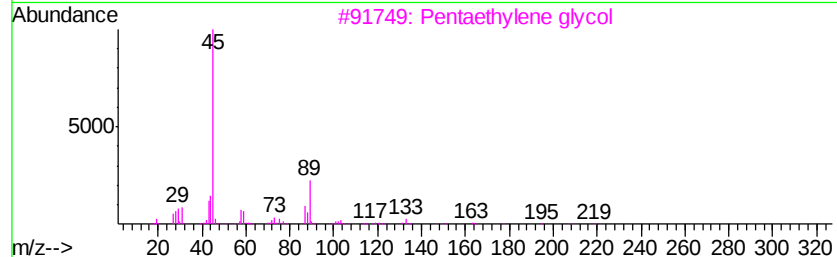
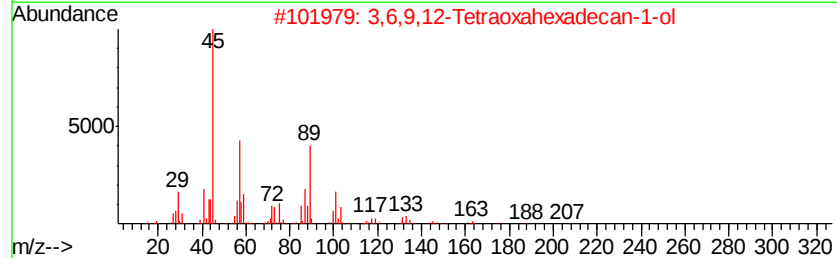
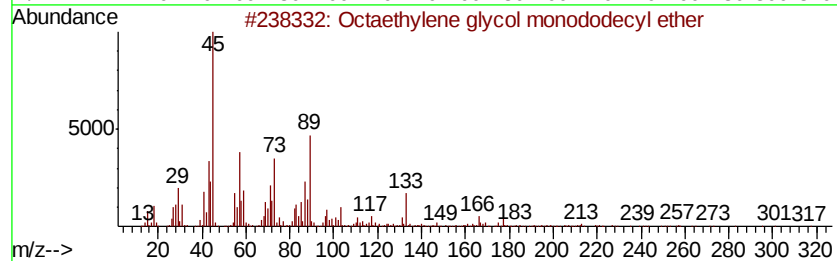
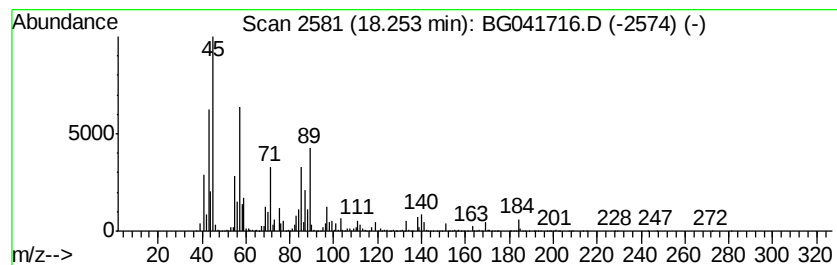
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octaethylene glycol monododecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	159.04 ng	14604300	Phenanthrene-d10	17.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octaethylene glycol monododecyl ...	538	C28H58O9	003055-98-9	80
2		3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	64
3		Pentaethylene glycol	238	C10H22O6	004792-15-8	58
4		Heptaethylene glycol	326	C14H30O8	005617-32-3	53
5		Tetraethylene glycol	194	C8H18O5	000112-60-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

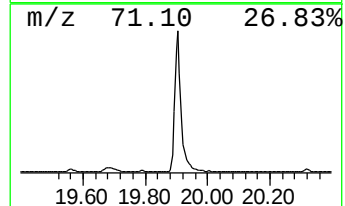
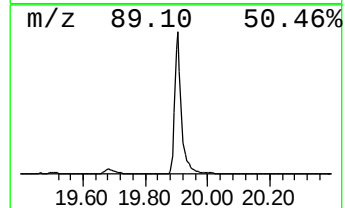
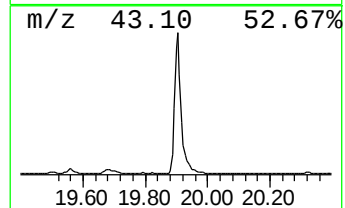
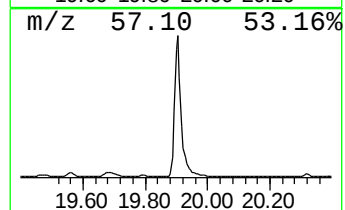
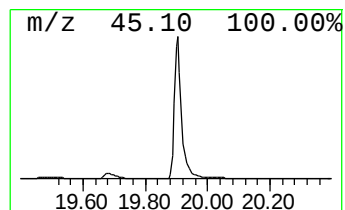
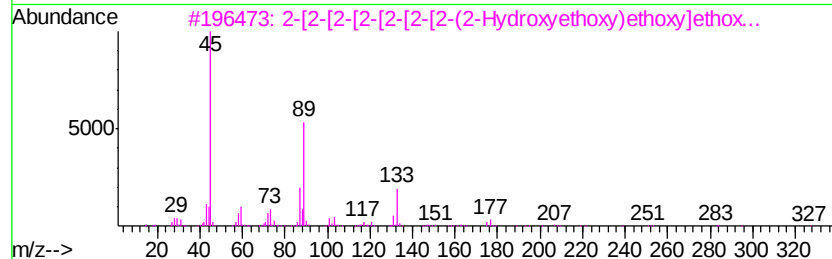
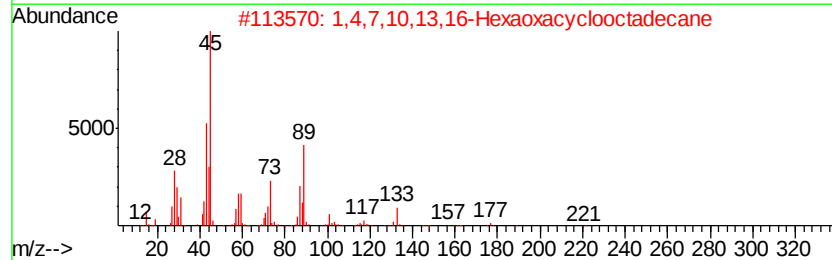
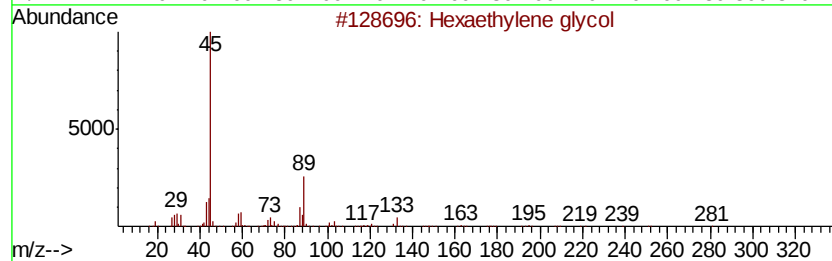
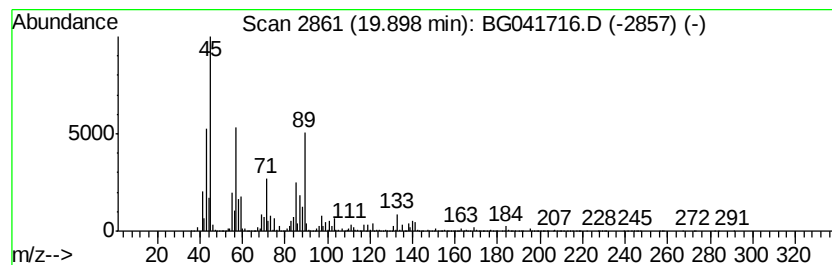
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexaethylene glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	109.20 ng	11444200	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexaethylene glycol	282	C12H26O7	002615-15-8	72
2		1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	72
3		2-[2-[2-[2-[2-[2-(2-Hydroxyvet...	370	C16H34O9	005117-19-1	72
4		Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	72
5		Pentaethylene glycol	238	C10H22O5	004792-15-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

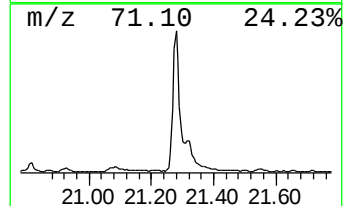
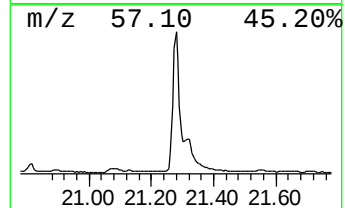
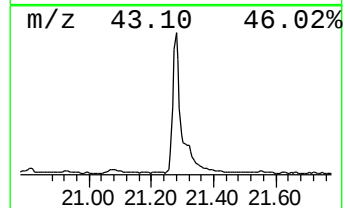
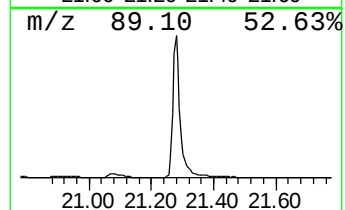
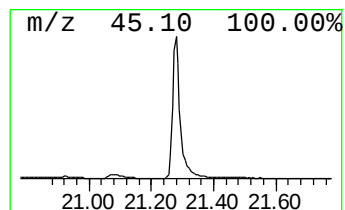
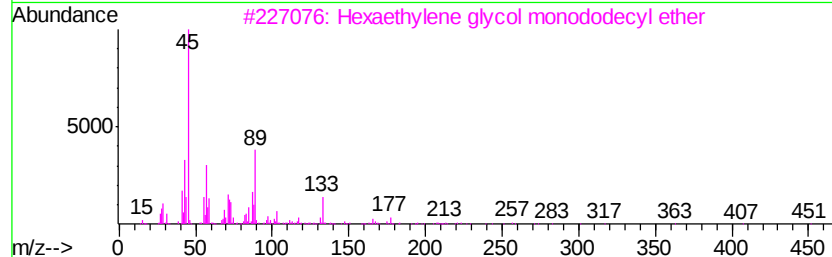
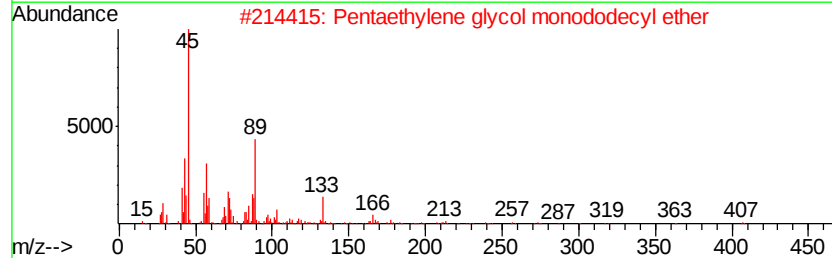
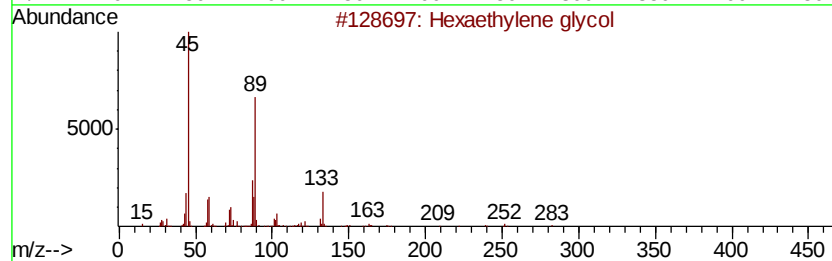
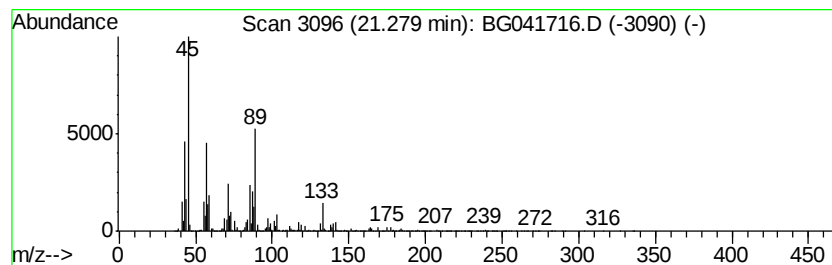
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentaethylene glycol monodo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	90.09 ng	9440840	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexaethylene glycol	282	C12H26O7	002615-15-8	81
2		Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	80
3		Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	80
4		Heptaethylene glycol	326	C14H30O8	005617-32-3	74
5		2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

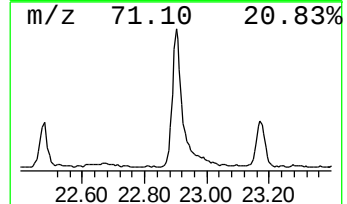
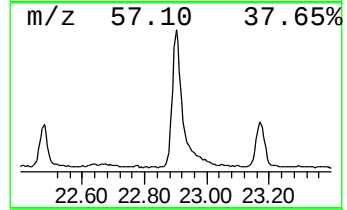
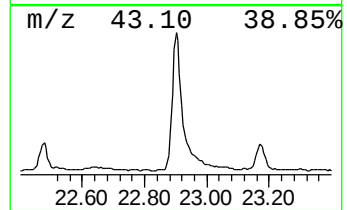
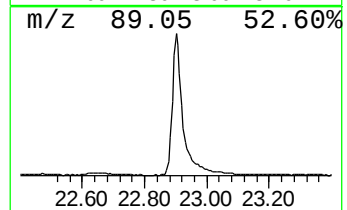
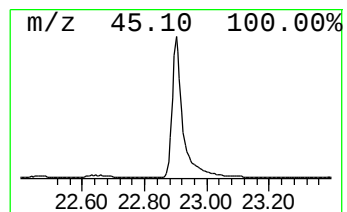
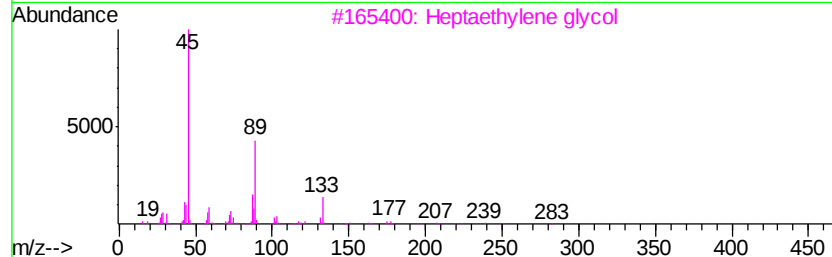
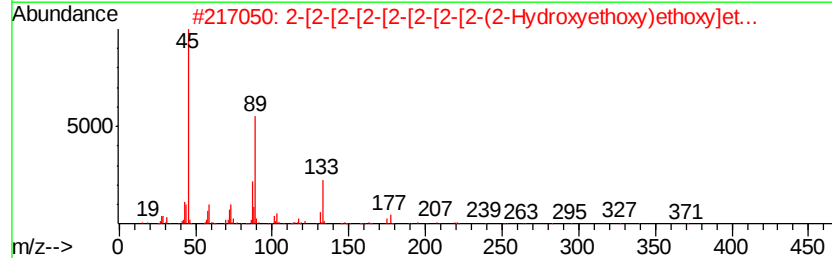
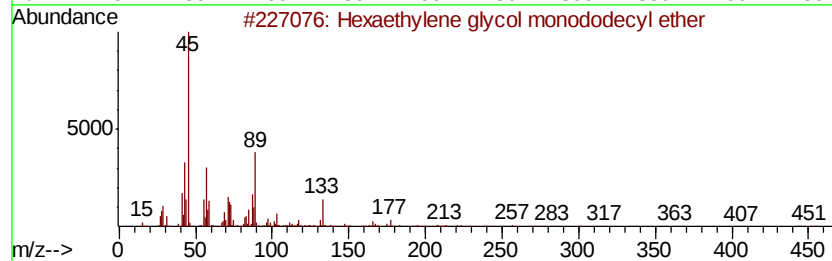
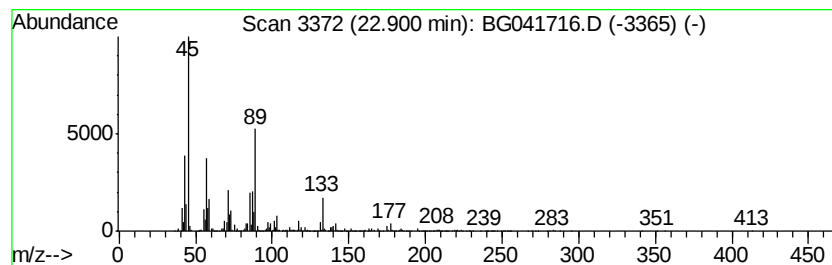
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexaethylene glycol monododecyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	38.65 ng	4050890	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	90
2		2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	81
3		Heptaethylene glycol	326	C14H30O8	005617-32-3	81
4		2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	81
5		2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
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Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

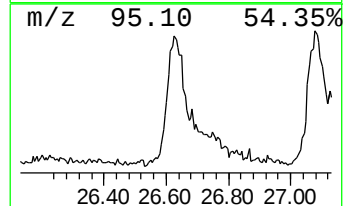
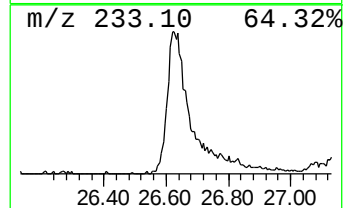
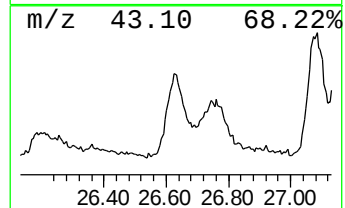
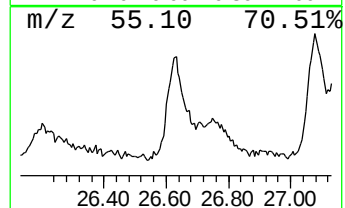
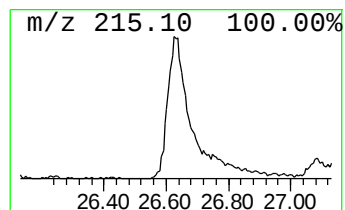
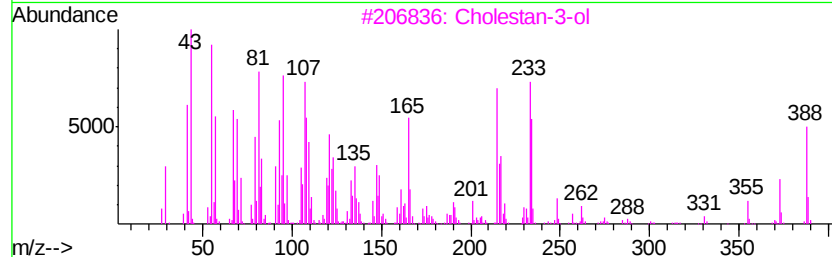
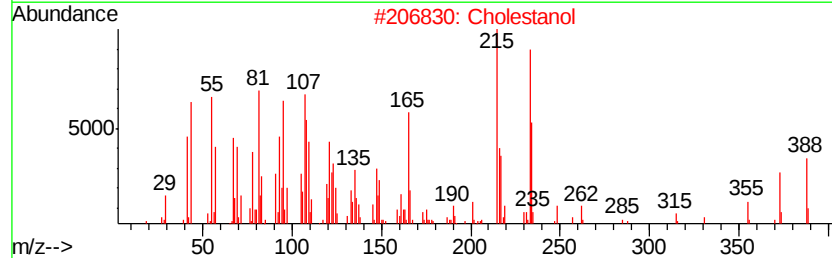
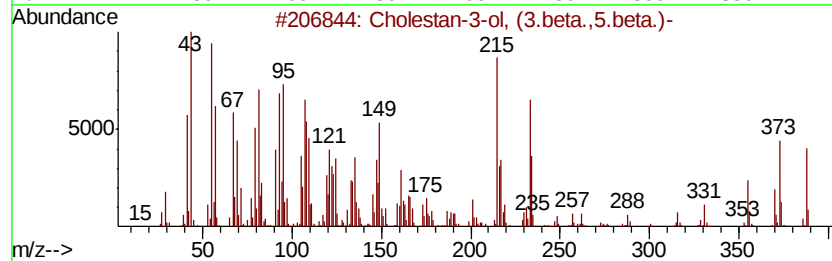
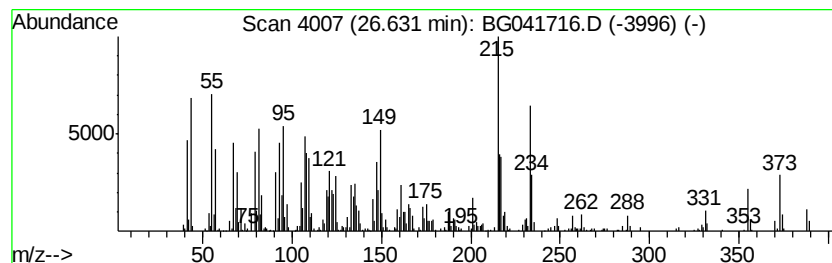
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cholestan-3-ol, (3.beta.,5.... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.63	13.63 ng	1474920	Perylene-d12	24.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	83
2		Cholestanol	388	C27H48O	000080-97-7	74
3		Cholestan-3-ol	388	C27H48O	027409-41-2	58
4		Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	55
5		Epicholestanol	388	C27H48O	000516-95-0	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041716.D
Acq On : 18 Jul 2019 19:05
Operator : HP/JU
Sample : K3838-03
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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

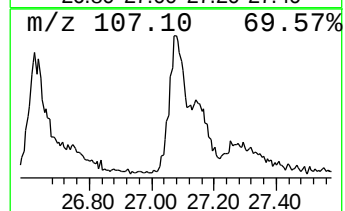
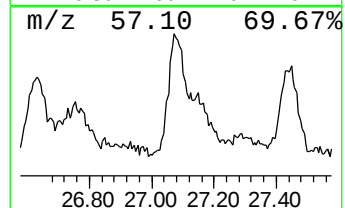
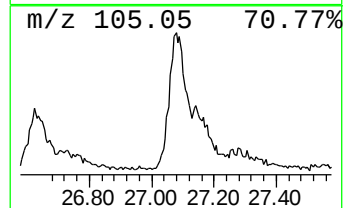
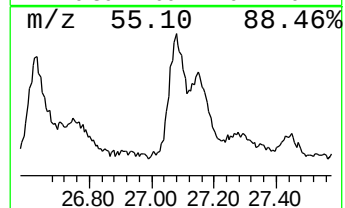
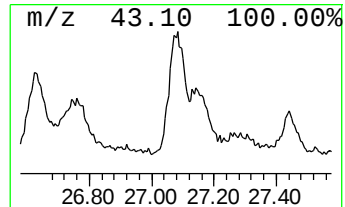
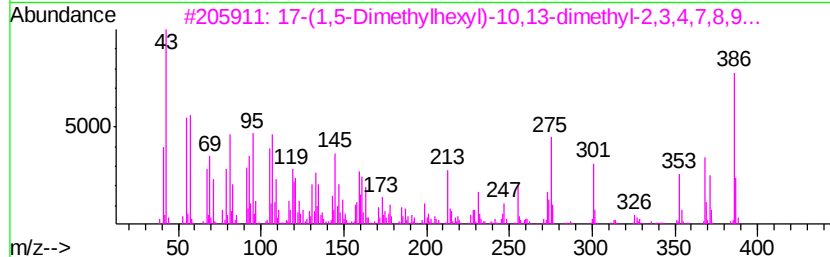
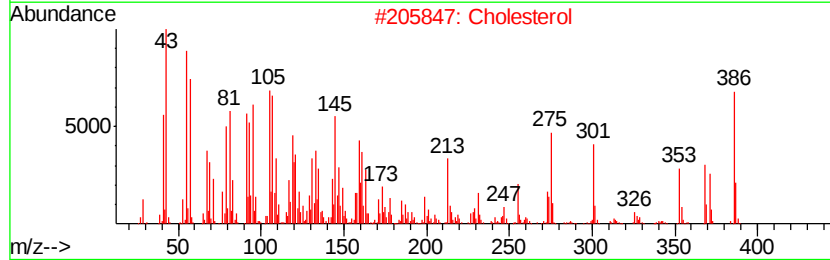
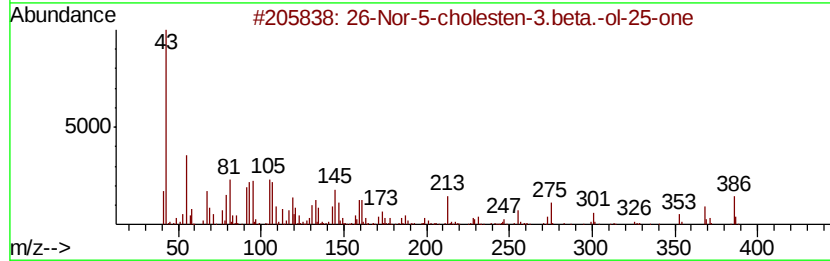
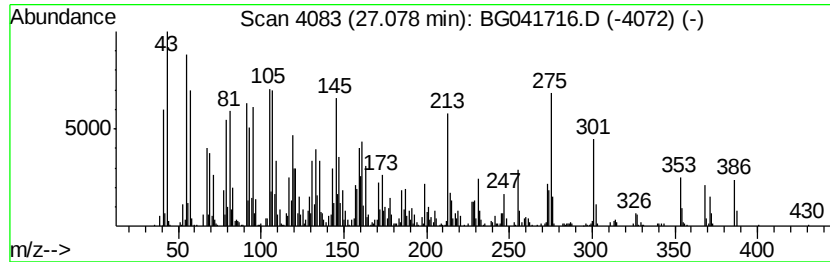
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 26-Nor-5-cholesten-3.beta.-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.08	16.05 ng	1736010	Perylene-d12	24.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
2		Cholesterol	386	C27H46O	000057-88-5	98
3		17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	76
4		Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	37
5		Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071819\
 Data File : BG041716.D
 Acq On : 18 Jul 2019 19:05
 Operator : HP/JU
 Sample : K3838-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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
Butane, 2-methoxy...	3.21	41.1	ng	1608070	1	8.05	781911	20.0
Ethylene glycol m...	6.12	20.5	ng	802272	1	8.05	781911	20.0
unknown7.58	7.58	8.9	ng	348347	1	8.05	781911	20.0
Hexane, 3-methyl-	10.39	12.0	ng	698045	2	10.85	1159620	20.0
unknown11.01	11.01	234.8	ng	13610900	2	10.85	1159620	20.0
2-Propanol, 1-[1-...	11.38	8.3	ng	481000	2	10.85	1159620	20.0
Decane, 1-fluoro-	13.63	109.1	ng	8358120	3	14.66	1531600	20.0
1-Dodecanamine, N...	14.60	12.0	ng	919831	3	14.66	1531600	20.0
unknown16.20	16.20	135.1	ng	12403200	4	17.40	1836570	20.0
Tetradonium Bromide	16.41	37.3	ng	3426830	4	17.40	1836570	20.0
Oxirane, trimethyl-	17.95	10.0	ng	918377	4	17.40	1836570	20.0
Octaethylene glycol	18.25	159.0	ng	14604300	4	17.40	1836570	20.0
Hexaethylene glycol	19.90	109.2	ng	11444200	5	21.65	2095980	20.0
Pentaethylene glycol	21.28	90.1	ng	9440840	5	21.65	2095980	20.0
Hexaethylene glycol	22.90	38.6	ng	4050890	5	21.65	2095980	20.0
3,6,9,12,15-Penta...	25.27	14.2	ng	1530360	6	24.85	2163510	20.0
Cholestan-3-ol, (...)	26.63	13.6	ng	1474920	6	24.85	2163510	20.0
26-Nor-5-choleste...	27.08	16.1	ng	1736010	6	24.85	2163510	20.0