

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042544.D
 Acq On : 28 Aug 2019 22:32
 Operator : HP/JU
 Sample : K4536-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-15-17

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-BG082219.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	3.117	3	5	21	rVB	445501	701714	34.92%	4.668%
2	5.555	413	420	432	rBV	359128	606400	30.18%	4.034%
3	7.159	685	693	709	rBV	346566	665819	33.13%	4.430%
4	7.529	749	756	766	rBV	399618	696823	34.68%	4.636%
5	7.999	828	836	844	rBV	103756	177305	8.82%	1.180%
6	8.322	883	891	905	rBV	311515	530653	26.41%	3.530%
7	9.162	1027	1034	1050	rBV	198227	387275	19.27%	2.576%
8	10.819	1309	1316	1332	rBV	117157	237847	11.84%	1.582%
9	13.275	1727	1734	1753	rBV	628413	1016953	50.61%	6.766%
10	13.551	1774	1781	1787	rBV2	25683	41775	2.08%	0.278%
11	14.104	1869	1875	1886	rBV	110832	184299	9.17%	1.226%
12	14.656	1963	1969	1978	rBV	231375	385087	19.16%	2.562%
13	16.148	2217	2223	2239	rBV	658039	1107402	55.11%	7.367%
14	17.406	2431	2437	2448	rBV2	332365	555410	27.64%	3.695%
15	18.305	2586	2590	2604	rBV8	12381	35532	1.77%	0.236%
16	19.151	2730	2734	2744	rBV	105605	196606	9.78%	1.308%
17	19.468	2784	2788	2792	rBV2	29274	39088	1.95%	0.260%
18	19.967	2869	2873	2876	rBV	51186	57846	2.88%	0.385%
19	20.020	2876	2882	2893	rVB	1556062	2009490	100.00%	13.369%
20	20.302	2926	2930	2932	rBV3	25732	37339	1.86%	0.248%
21	20.326	2932	2934	2939	rVB2	28738	32620	1.62%	0.217%
22	20.772	3006	3010	3015	rBV	52850	63546	3.16%	0.423%
23	20.819	3015	3018	3023	rVB2	29795	34477	1.72%	0.229%
24	21.002	3044	3049	3062	rBV	368294	484790	24.13%	3.225%
25	21.266	3090	3094	3099	rBV3	16058	30650	1.53%	0.204%
26	21.325	3099	3104	3115	rVV2	180309	353746	17.60%	2.353%
27	21.683	3158	3165	3183	rVB2	455314	780381	38.83%	5.192%
28	21.877	3194	3198	3203	rBV	48016	66820	3.33%	0.445%
29	22.124	3234	3240	3253	rBV	295411	482309	24.00%	3.209%
30	22.494	3297	3303	3317	rBV2	65762	182281	9.07%	1.213%
31	22.870	3363	3367	3372	rVB5	15615	24237	1.21%	0.161%
32	23.187	3415	3421	3428	rBV	63647	129743	6.46%	0.863%
33	23.381	3450	3454	3458	rVB4	14969	27499	1.37%	0.183%
34	23.540	3475	3481	3488	rBV3	63325	129976	6.47%	0.865%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.998	3553	3559	3566	rBV2	60647	135281	6.73%	0.900%
36	24.926	3706	3717	3733	rBV2	276549	941106	46.83%	6.261%
37	25.479	3809	3811	3821	rVB10	17626	32756	1.63%	0.218%
38	26.101	3910	3917	3927	rVB3	27725	77242	3.84%	0.514%
39	30.302	4625	4632	4633	rBV6	14499	25779	1.28%	0.172%
40	30.461	4648	4659	4674	rVB9	105909	514532	25.61%	3.423%
41	31.131	4758	4773	4792	rBV7	134588	810907	40.35%	5.395%

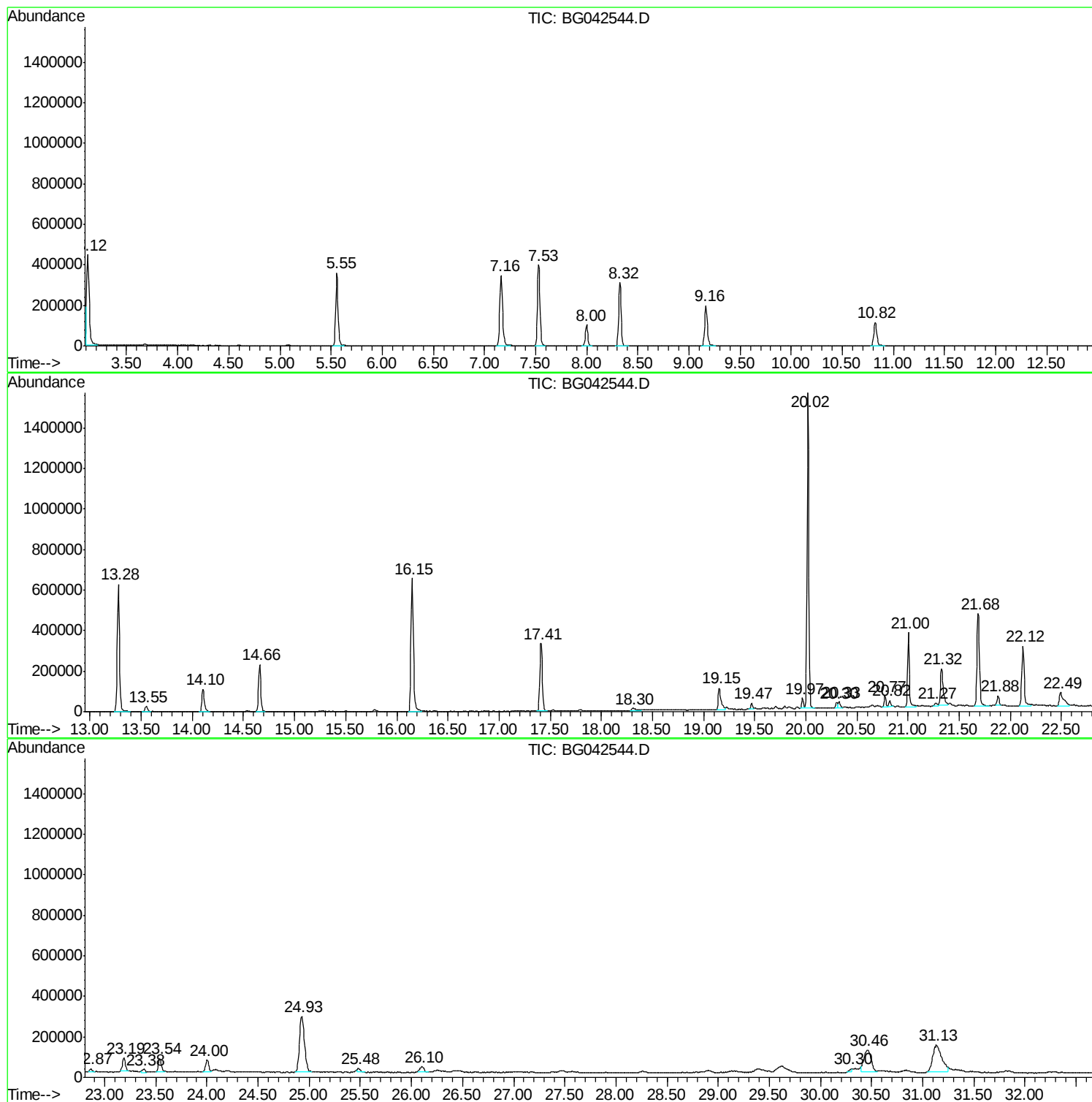
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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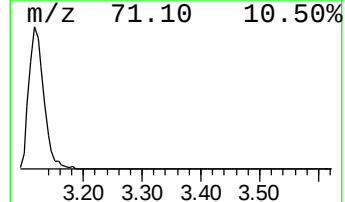
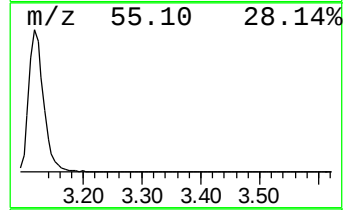
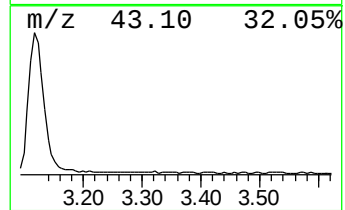
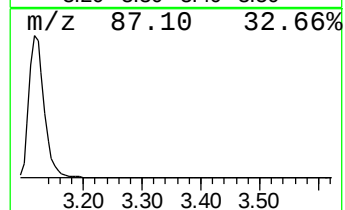
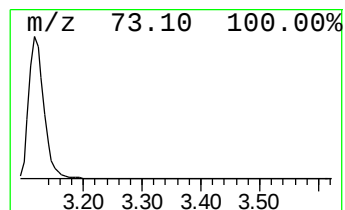
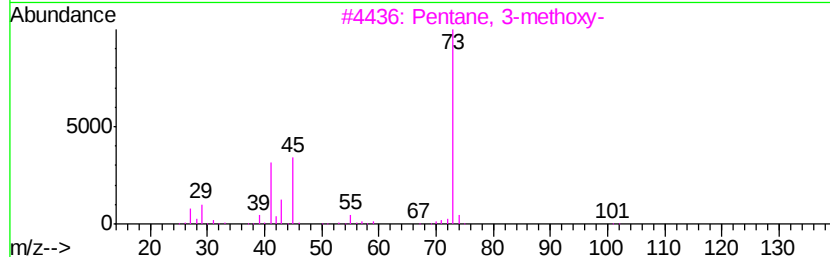
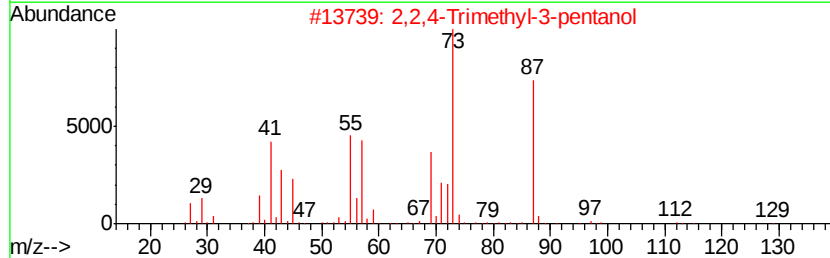
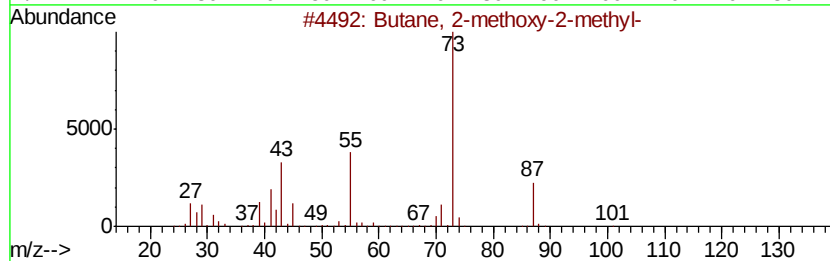
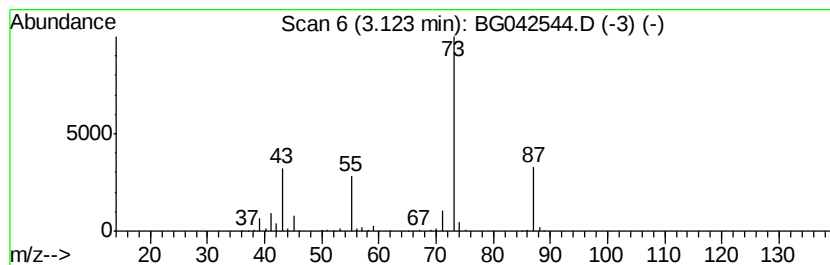
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	79.15 ng	701714	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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Instrument :
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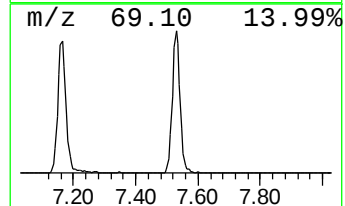
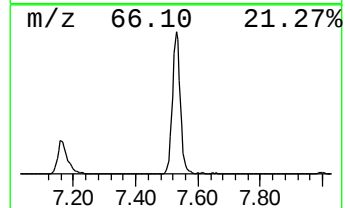
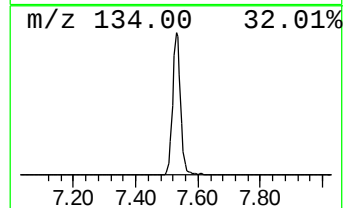
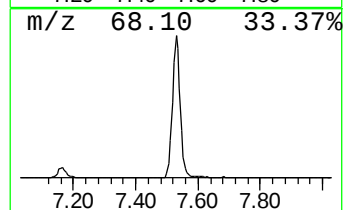
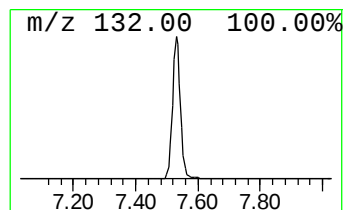
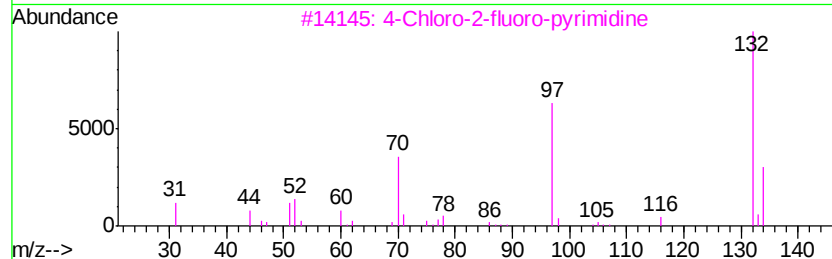
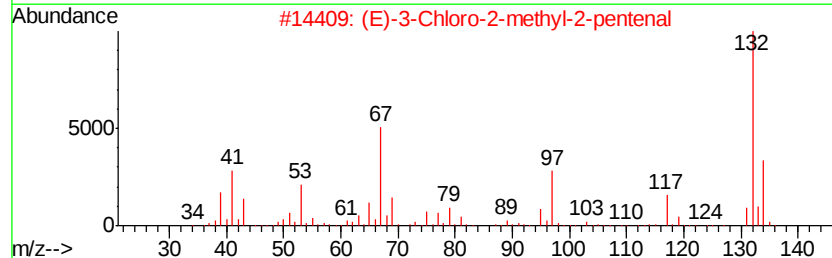
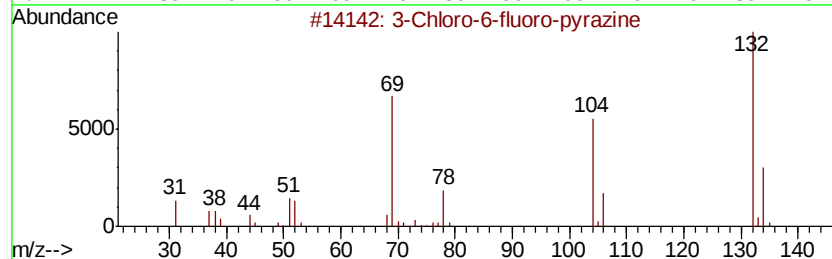
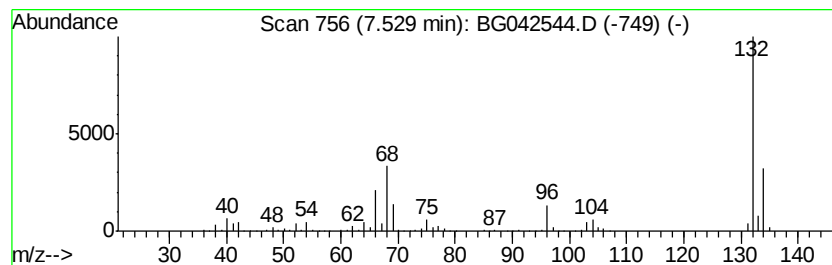
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 unknown7.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	78.60 ng	696823	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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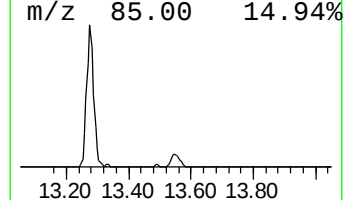
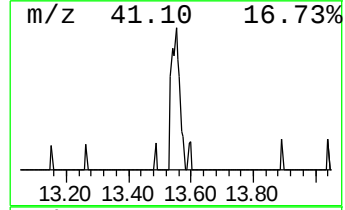
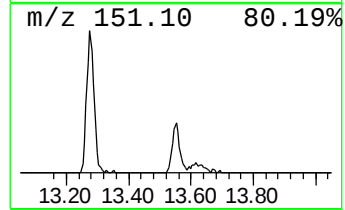
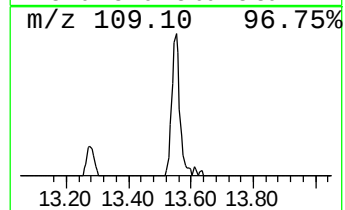
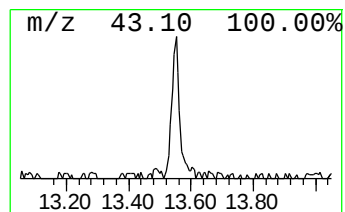
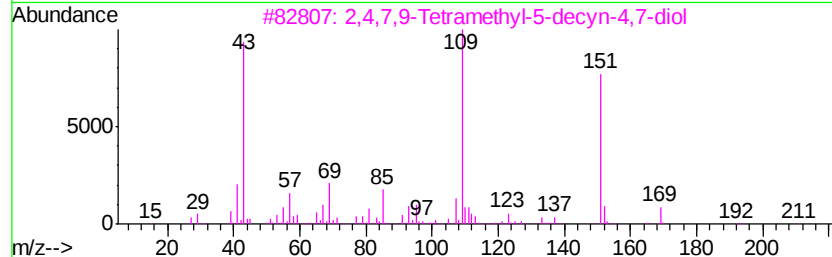
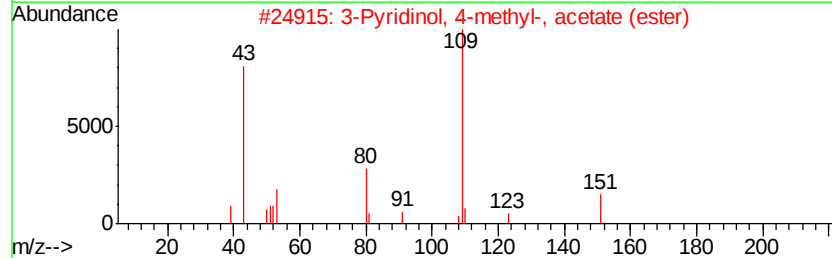
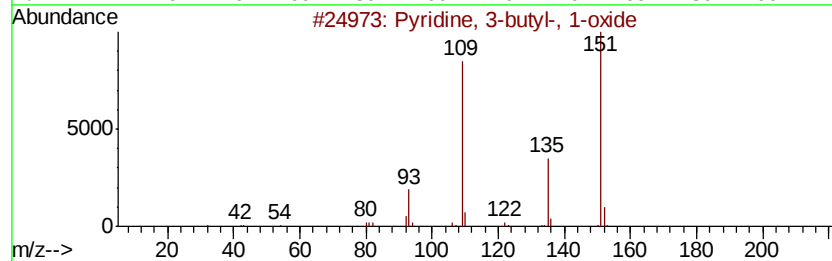
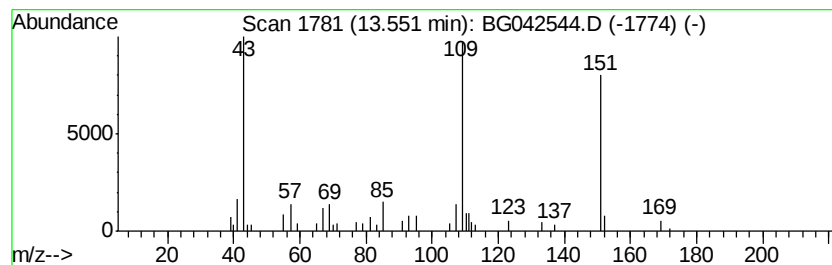
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pyridine, 3-butyl-, 1-oxide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.17 ng	41775	Acenaphthene-d10	14.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyridine, 3-butyl-, 1-oxide	151 C9H13NO	031396-33-5 64
2		3-Pyridinol, 4-methyl-, acetate ...	151 C8H9NO2	001006-96-8 64
3		2,4,7,9-Tetramethyl-5-decyn-4,7-...	226 C14H26O2	000126-86-3 53
4		Cyclohexanol, 3,3,5-trimethyl-	142 C9H18O	000116-02-9 35
5		1-(1,2,3-Trimethyl-cyclopent-2-e...	152 C10H16O	070987-81-4 35



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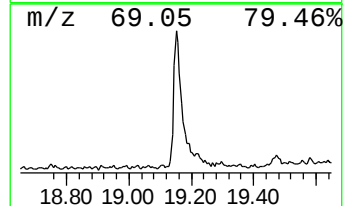
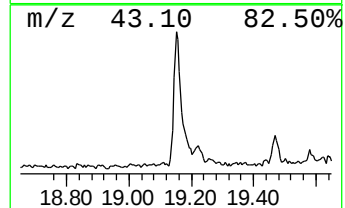
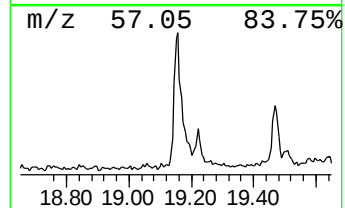
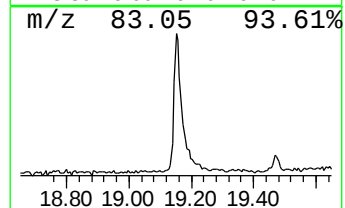
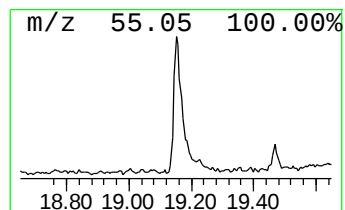
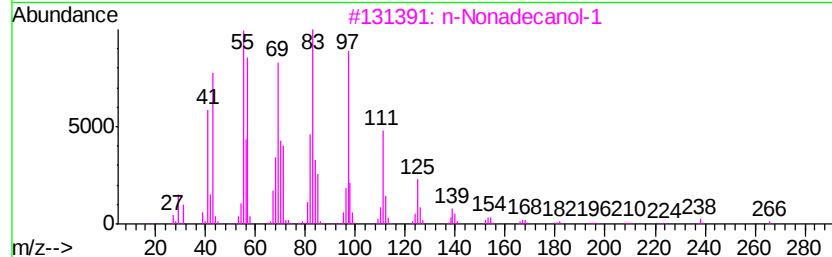
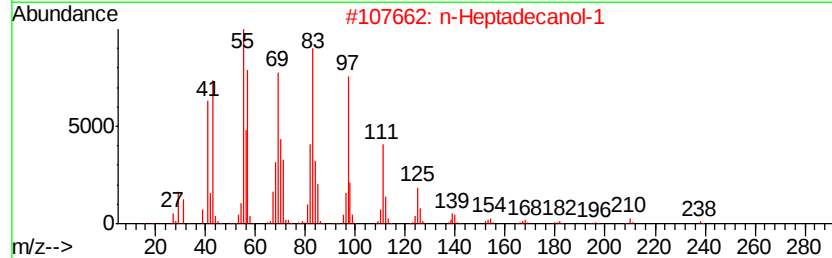
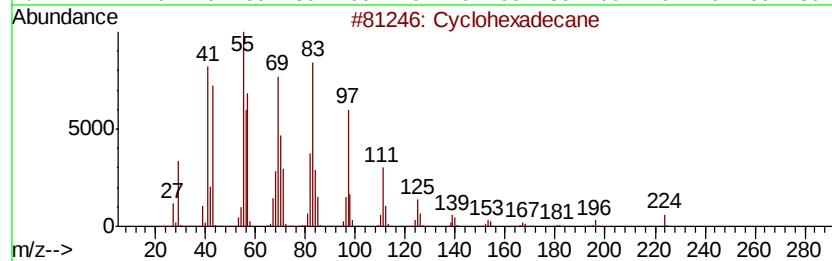
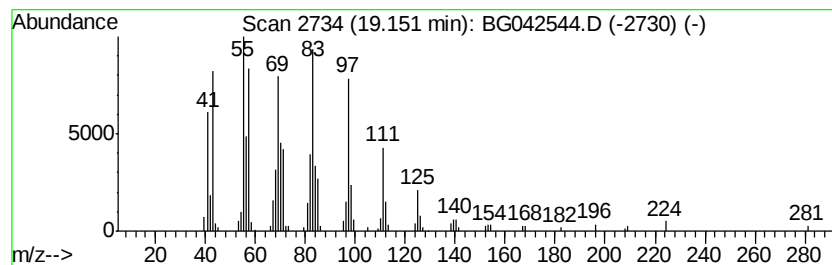
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	7.08 ng	196606	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	97
2		n-Heptadecanol-1	256	C17H36O	001454-85-9	95
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4		1-Nonadecene	266	C19H38	018435-45-5	94
5		Cetene	224	C16H32	000629-73-2	94



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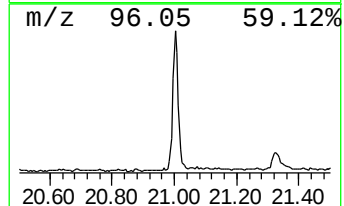
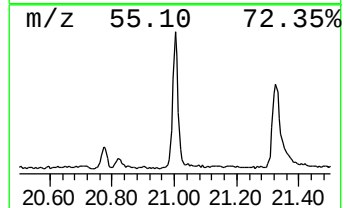
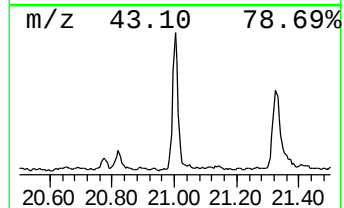
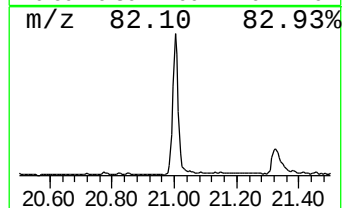
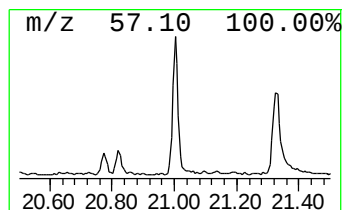
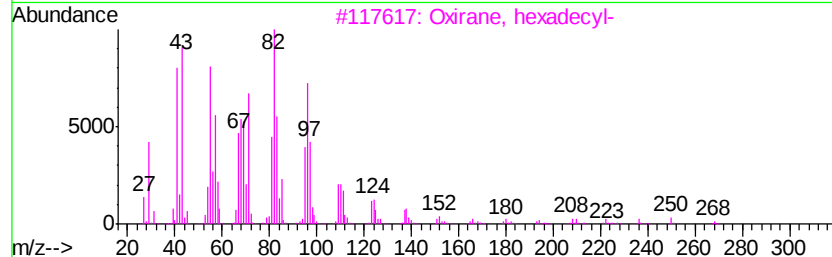
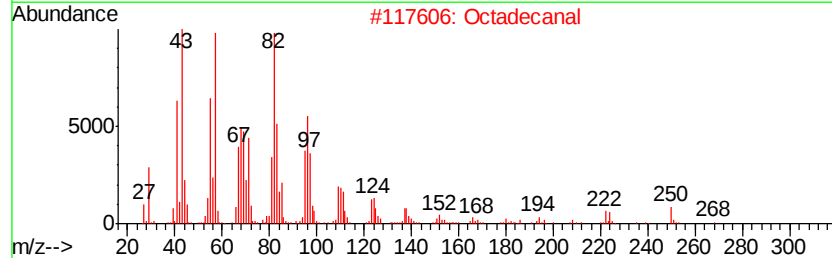
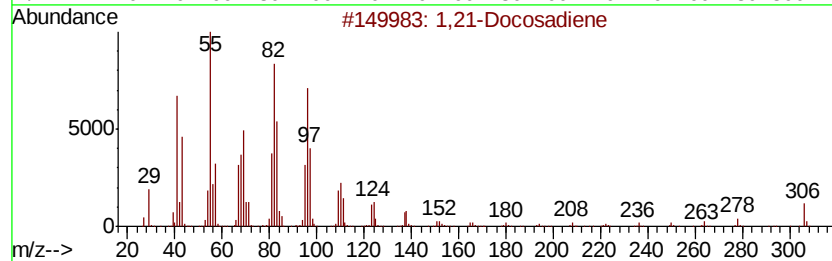
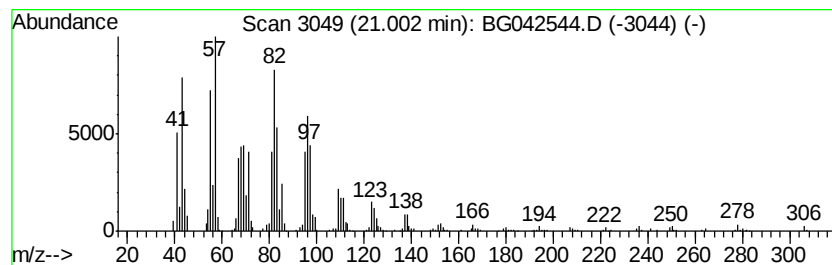
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
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TIC Integration Parameters: LSCINT.P

Peak Number 6 1,21-Docosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.00	12.42 ng	484790	Chrysene-d12		21.68	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,21-Docosadiene		306	C22H42	053057-53-7	91
2	Octadecanal		268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	91
4	Bicyclo[10.8.0]eicosane, cis-		278	C20H38	1000155-82-2	90
5	1,19-Eicosadiene		278	C20H38	014811-95-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042544.D
Acq On : 28 Aug 2019 22:32
Operator : HP/JU
Sample : K4536-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1-15-17

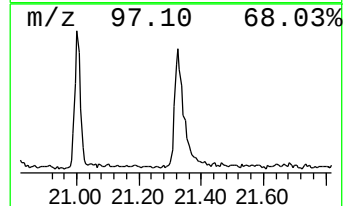
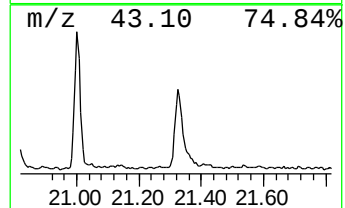
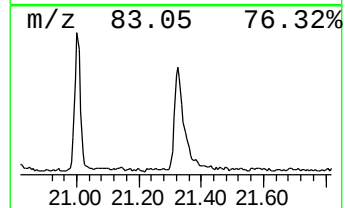
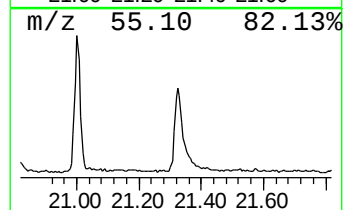
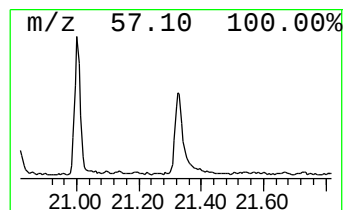
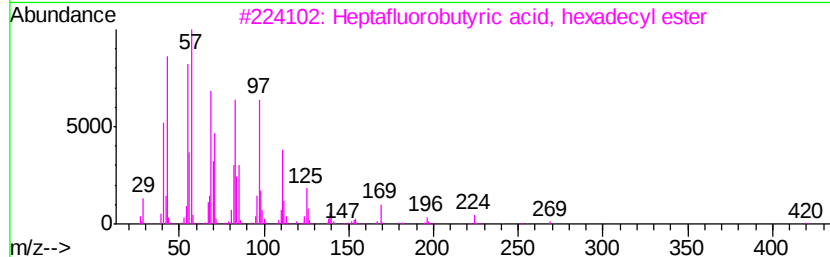
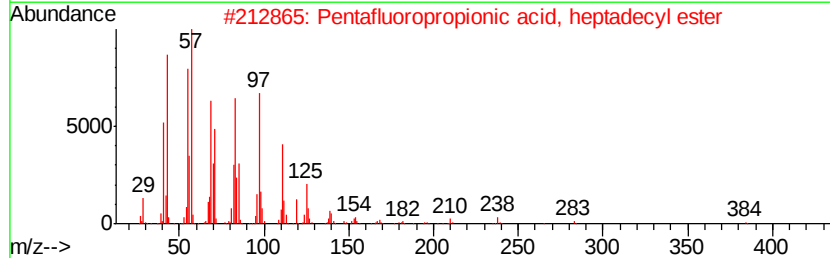
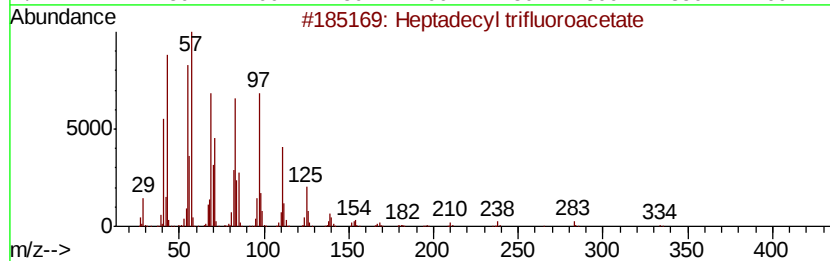
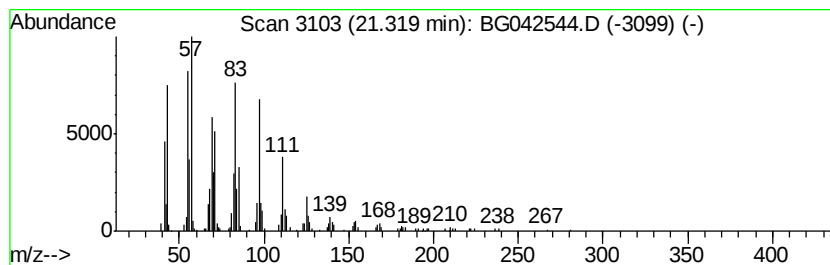
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecyl trifluoroacetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	9.07 ng	353746	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	95
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	95
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
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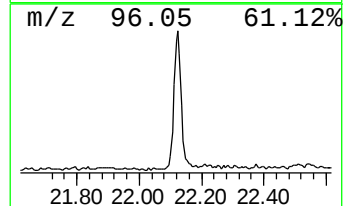
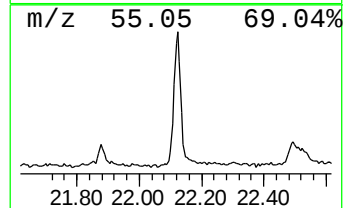
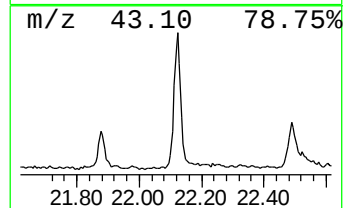
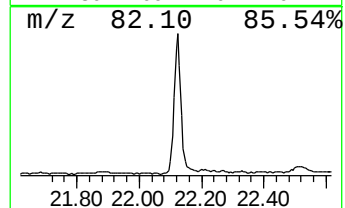
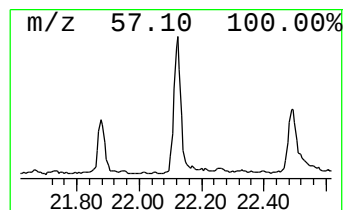
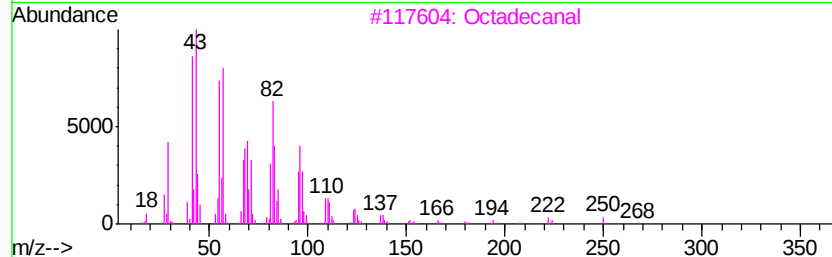
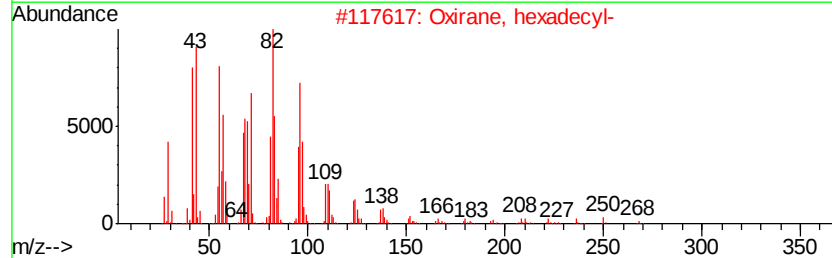
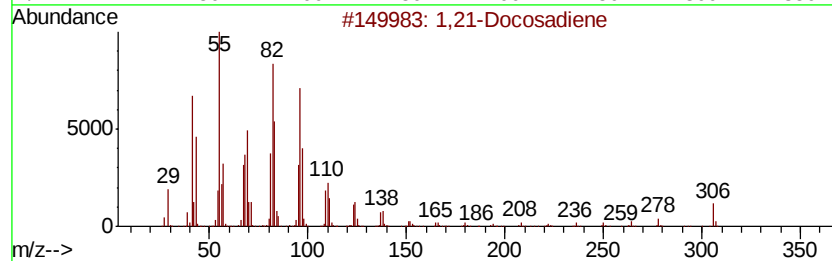
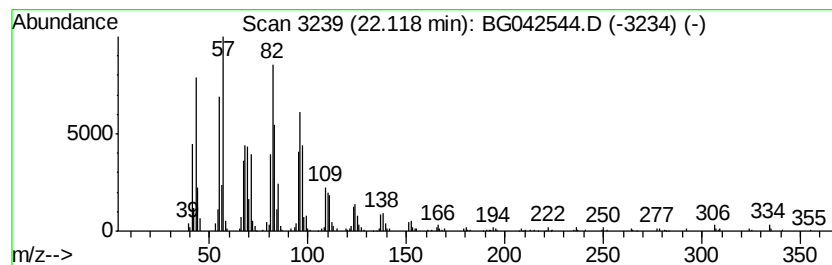
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TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 8 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	12.36 ng	482309	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,21-Docosadiene		306	C22H42	053057-53-7	92
2	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	91
3	Octadecanal		268	C18H36O	000638-66-4	91
4	Tetracosanal		352	C24H48O	057866-08-7	91
5	Heptadecanal		254	C17H34O	1000376-70-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042544.D
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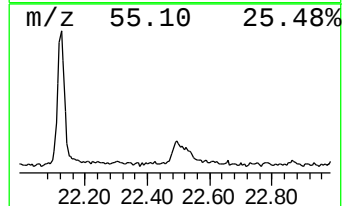
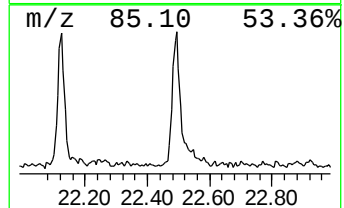
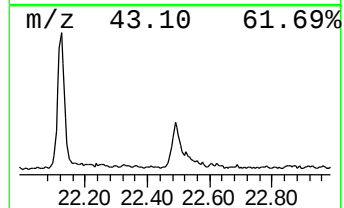
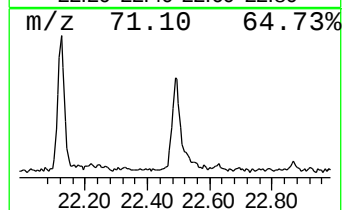
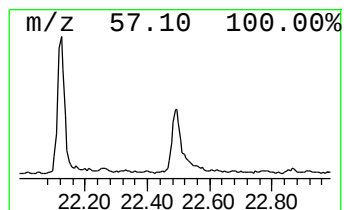
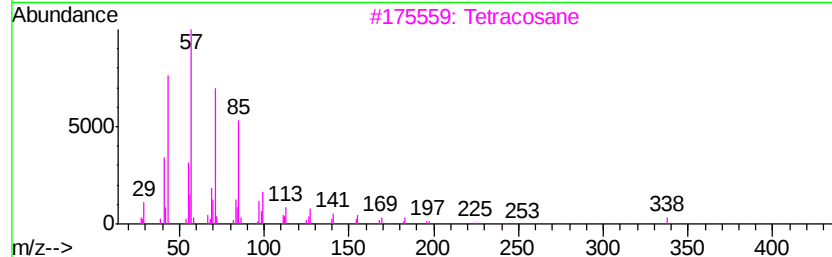
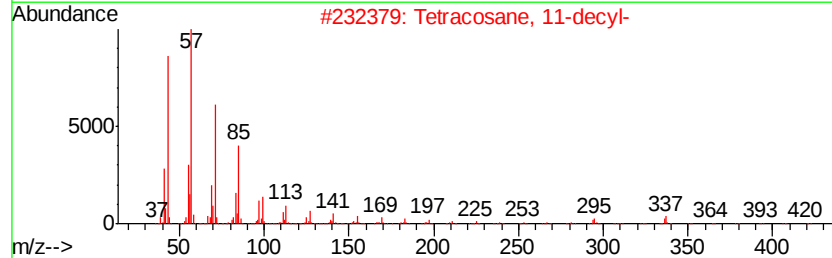
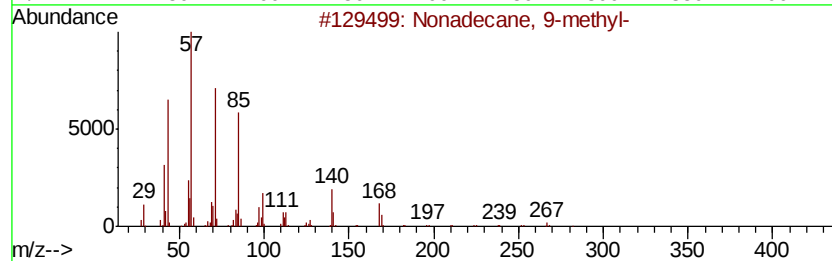
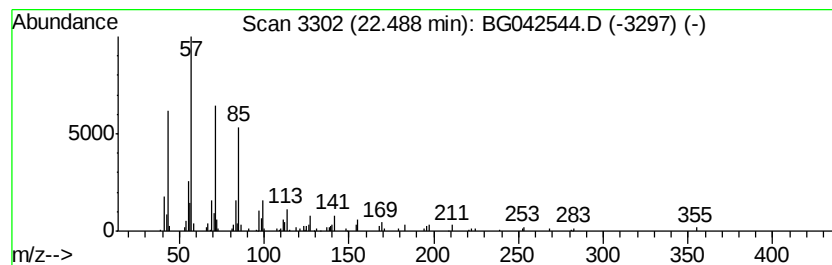
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	4.67 ng	182281	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042544.D
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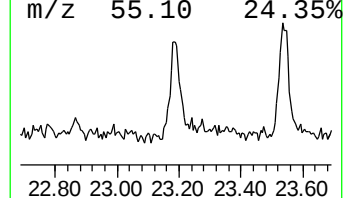
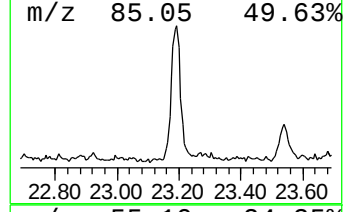
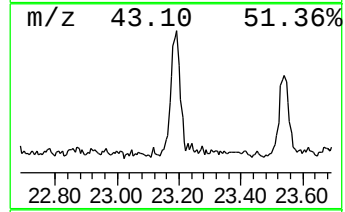
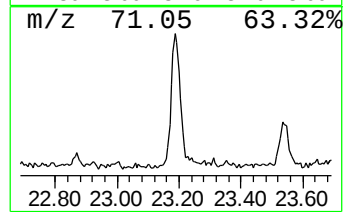
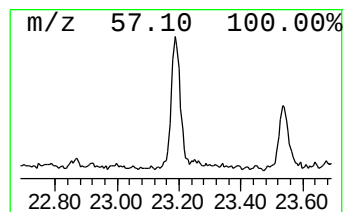
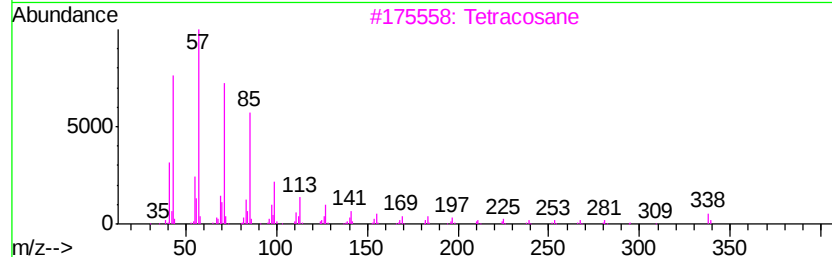
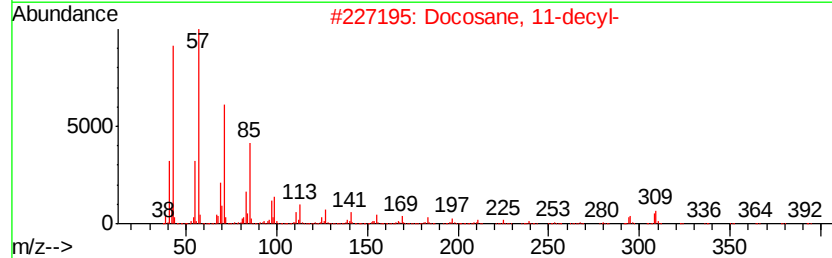
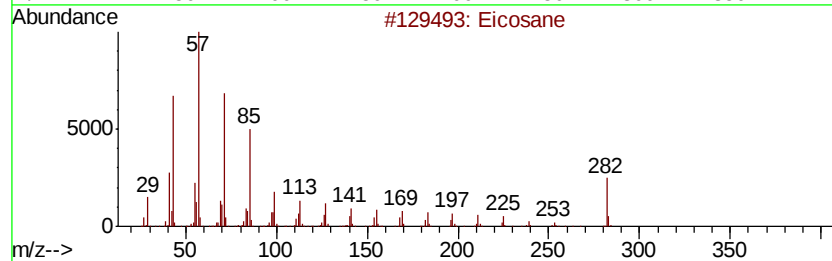
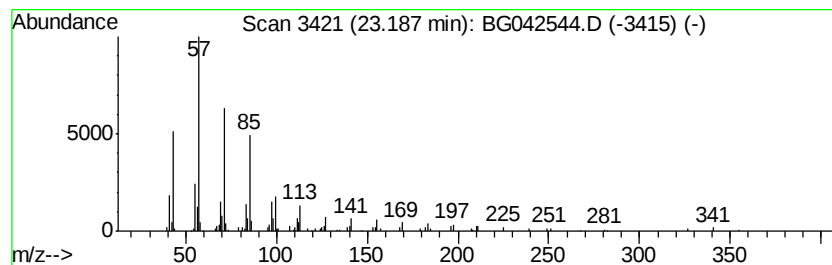
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	3.33 ng	129743	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		triacontane	422	C30H62	000638-68-6	90
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042544.D
Acq On : 28 Aug 2019 22:32
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ClientSampleId :
SB-1-15-17

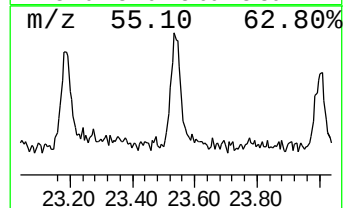
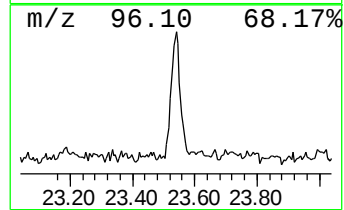
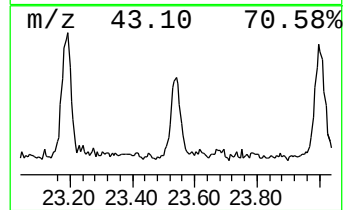
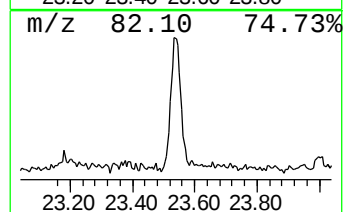
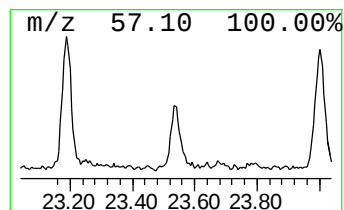
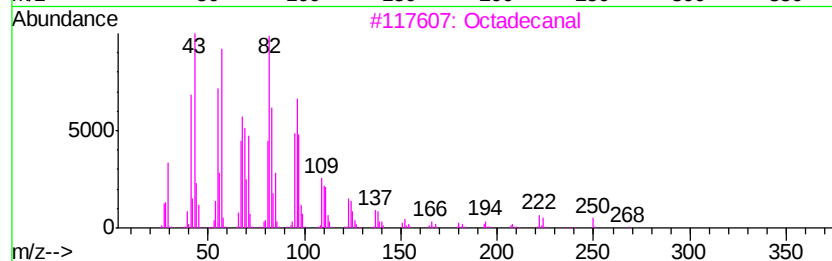
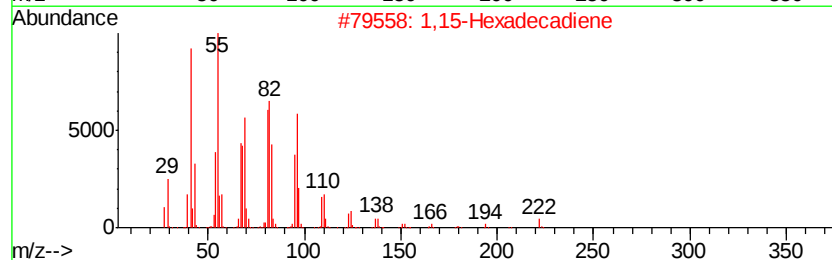
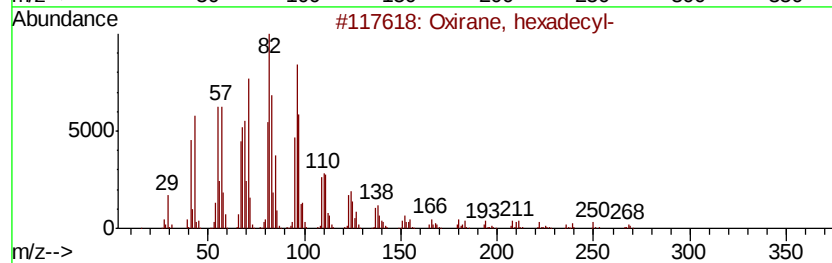
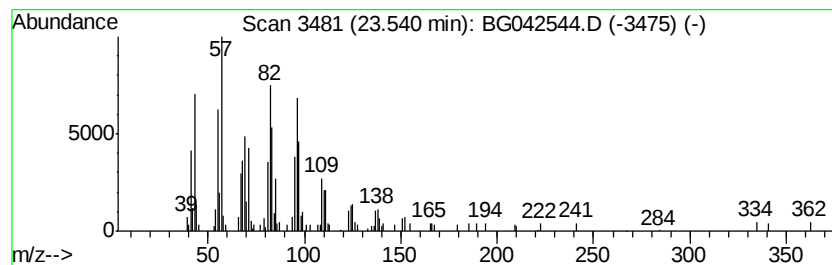
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,15-Hexadecadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	2.76 ng	129976	Perylene-d12	24.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2		1,15-Hexadecadiene	222	C16H30	021964-51-2	93
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Tetracosanal	352	C24H48O	057866-08-7	90
5		1,19-Eicosadiene	278	C20H38	014811-95-1	90



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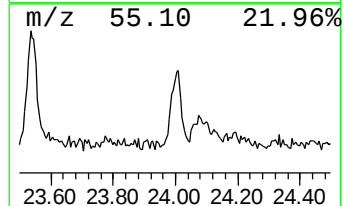
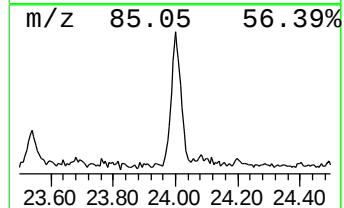
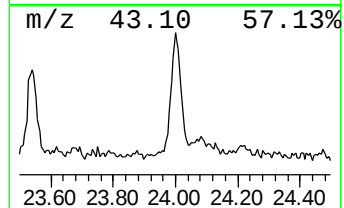
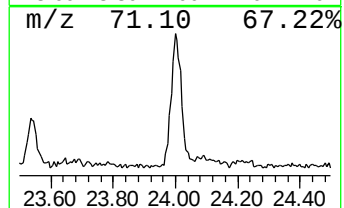
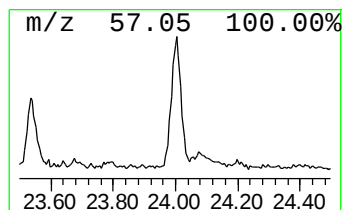
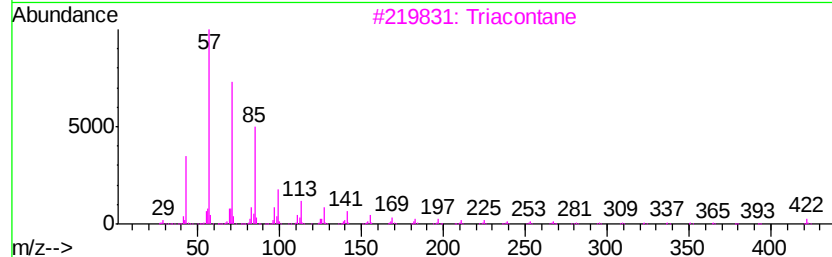
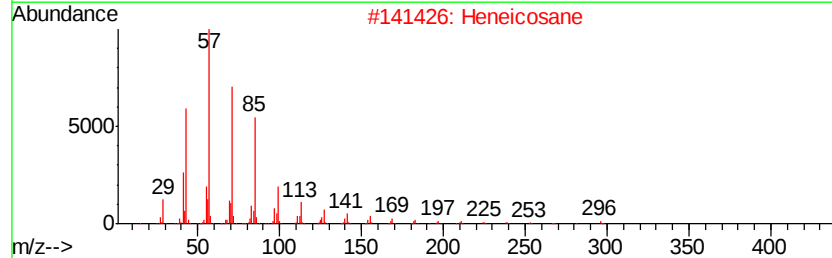
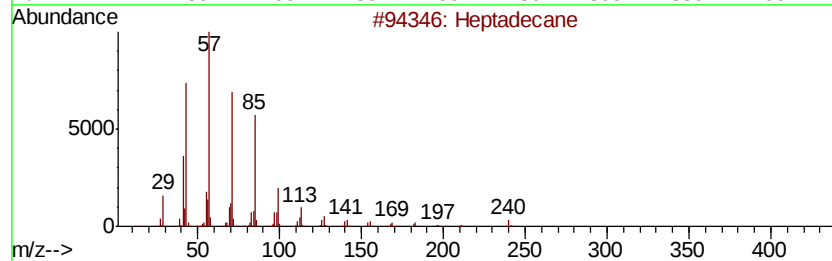
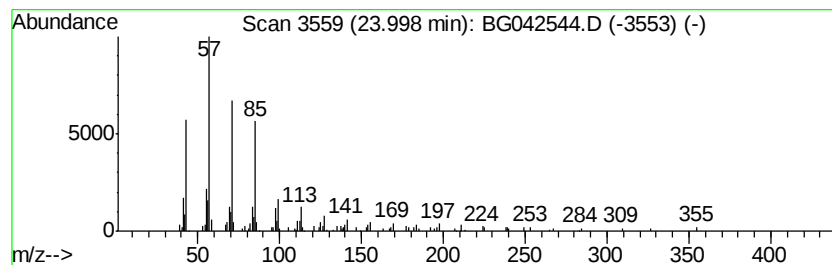
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.87 ng	135281	Perylene-d12	24.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	90
2	Heneicosane	296 C21H44	000629-94-7	90
3	Triacontane	422 C30H62	000638-68-6	90
4	Tetracosane	338 C24H50	000646-31-1	90
5	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042544.D
Acq On : 28 Aug 2019 22:32
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Sample : K4536-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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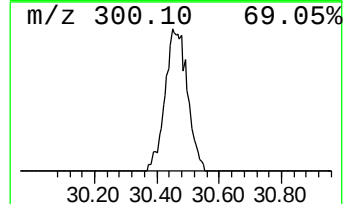
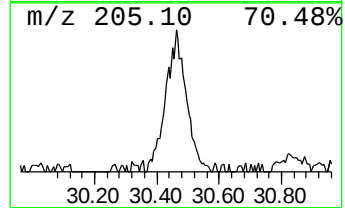
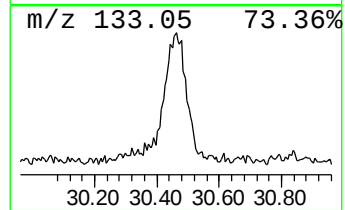
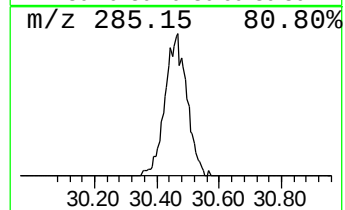
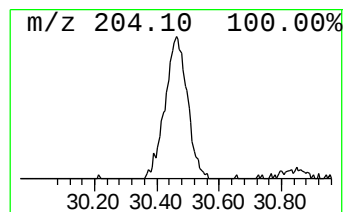
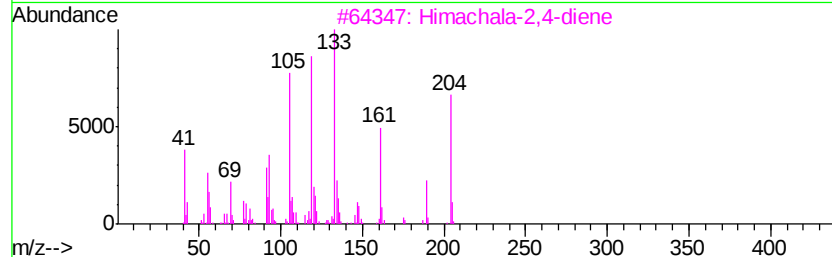
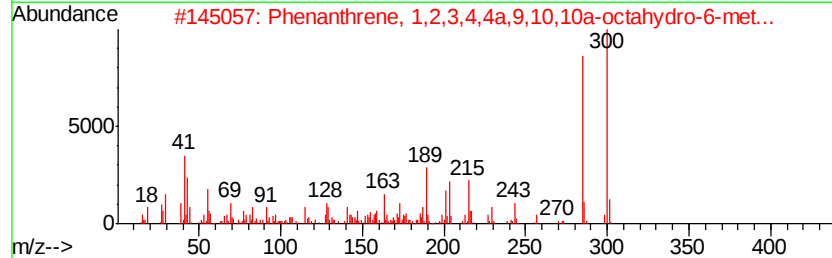
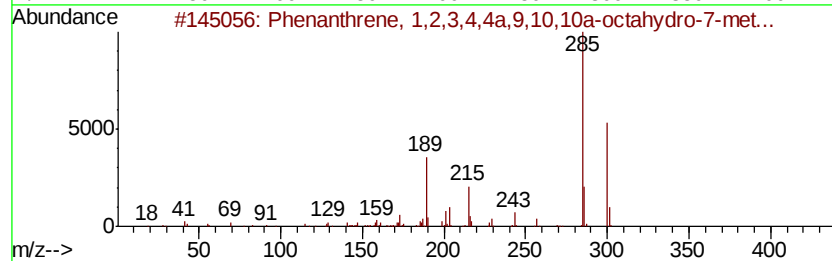
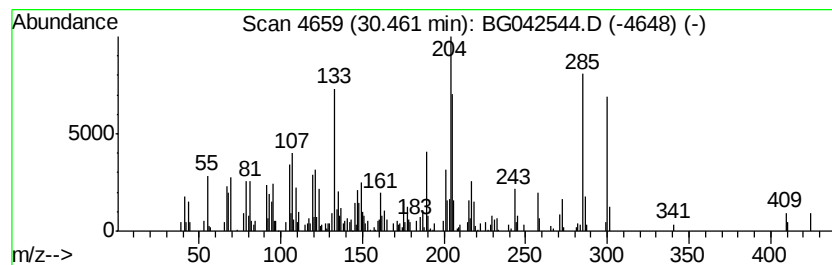
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown30.46 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.46	10.93 ng	514532	Perylene-d12	24.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	38
2		Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	35
3		Himachala-2,4-diene	204	C15H24	060909-27-5	25
4		4-(2,4,4-Trimethyl-bicyclo[4.1.0...	206	C14H22O	1000194-96-6	25
5		9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042544.D
Acq On : 28 Aug 2019 22:32
Operator : HP/JU
Sample : K4536-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1-15-17

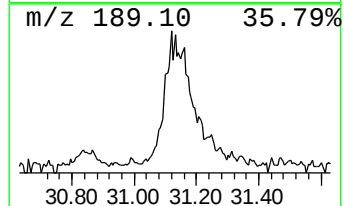
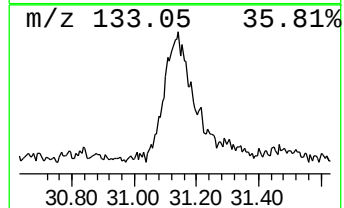
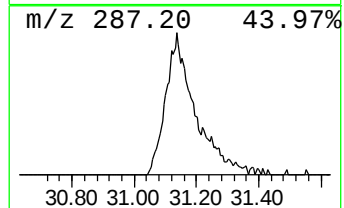
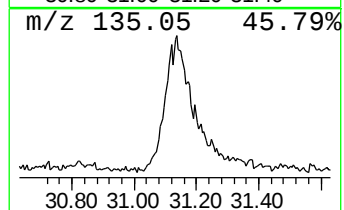
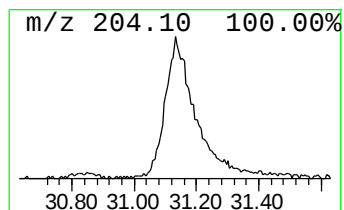
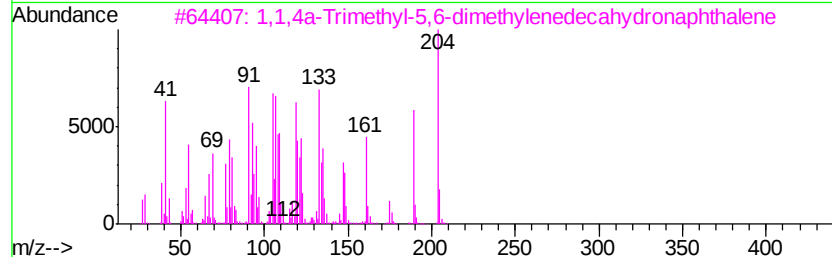
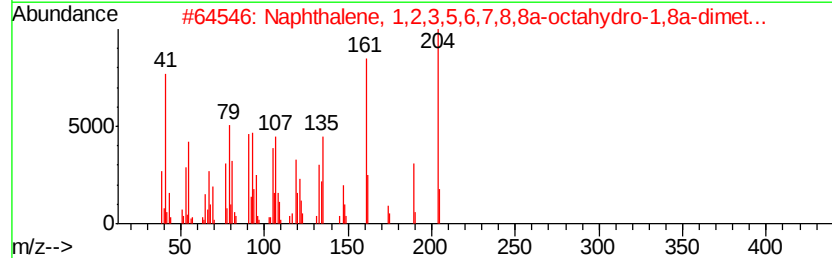
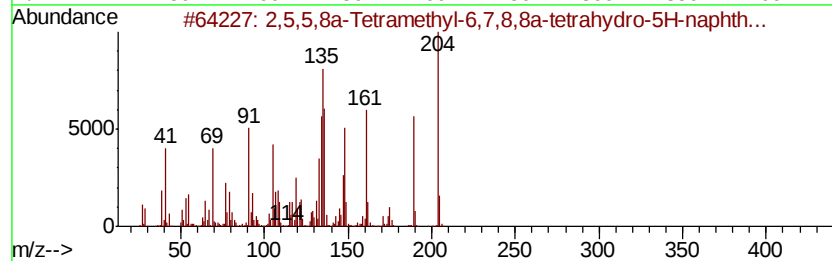
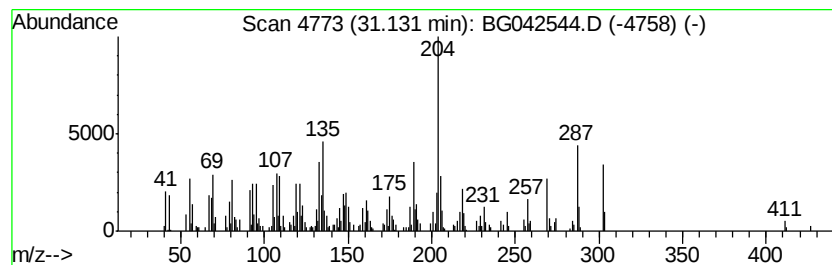
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown31.13 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.13	17.23 ng	810907	Perylene-d12	24.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	38
2		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	35
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	22
4		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	22
5		2-Methyl-3-n-heptyl-6-methoxy-1,...	288	C17H24N2O2	1000250-74-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082819\
Data File : BG042544.D
Acq On : 28 Aug 2019 22:32
Operator : HP/JU
Sample : K4536-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1-15-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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...	3.12	79.2	ng	701714	1	8.00	177305	20.0
unknown7.53	7.53	78.6	ng	696823	1	8.00	177305	20.0
Pyridine, 3-butyl...	13.55	2.2	ng	41775	3	14.66	385087	20.0
Cyclohexadecane	19.15	7.1	ng	196606	4	17.41	555410	20.0
1,21-Docosadiene	21.00	12.4	ng	484790	5	21.68	780381	20.0
Heptadecyl triflu...	21.32	9.1	ng	353746	5	21.68	780381	20.0
Oxirane, hexadecyl-	22.12	12.4	ng	482309	5	21.68	780381	20.0
Nonadecane, 9-met...	22.49	4.7	ng	182281	5	21.68	780381	20.0
Eicosane	23.19	3.3	ng	129743	5	21.68	780381	20.0
1,15-Hexadecadiene	23.54	2.8	ng	129976	6	24.92	941106	20.0
Heptadecane	24.00	2.9	ng	135281	6	24.92	941106	20.0
unknown30.46	30.46	10.9	ng	514532	6	24.92	941106	20.0
unknown31.13	31.13	17.2	ng	810907	6	24.92	941106	20.0