

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038810.D
 Acq On : 22 Dec 2018 9:59
 Operator : JU/SJ
 Sample : J6446-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS023-0612-01

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-BG121218.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	5.145	344	350	358	rBV	33154	55375	3.51%	0.448%
2	5.615	422	430	441	rBV	563222	942906	59.71%	7.626%
3	7.225	696	704	714	rBV	613191	1157826	73.32%	9.364%
4	7.589	758	766	780	rBV	588468	1057323	66.96%	8.551%
5	8.059	839	846	855	rBV	97507	173069	10.96%	1.400%
6	8.382	893	901	910	rVB	413285	736812	46.66%	5.959%
7	9.240	1038	1047	1059	rBV	371390	695622	44.05%	5.626%
8	10.879	1318	1326	1334	rBV	133510	249893	15.82%	2.021%
9	13.318	1732	1741	1750	rBV	816339	1304120	82.59%	10.547%
10	14.140	1875	1881	1887	rBV	78636	116444	7.37%	0.942%
11	14.698	1968	1976	1988	rVB2	221957	370606	23.47%	2.997%
12	16.191	2223	2230	2242	rBV2	768129	1239673	78.50%	10.026%
13	17.448	2437	2444	2454	rBV	272624	444264	28.13%	3.593%
14	17.577	2461	2466	2471	rVB	34779	45236	2.86%	0.366%
15	18.300	2585	2589	2595	rBV6	24767	39383	2.49%	0.319%
16	18.482	2614	2620	2626	rBV2	14902	24184	1.53%	0.196%
17	19.622	2810	2814	2817	rBV4	16761	21237	1.34%	0.172%
18	20.045	2880	2886	2894	rBV	1169942	1579117	100.00%	12.771%
19	20.186	2906	2910	2913	rBV5	21174	23360	1.48%	0.189%
20	20.321	2928	2933	2938	rBV2	62885	88396	5.60%	0.715%
21	20.597	2976	2980	2984	rBV2	72186	97577	6.18%	0.789%
22	20.662	2987	2991	2992	rBV3	17155	20812	1.32%	0.168%
23	20.756	3003	3007	3012	rBV8	27887	51500	3.26%	0.417%
24	20.926	3028	3036	3040	rBV7	35703	77266	4.89%	0.625%
25	21.073	3058	3061	3067	rVB7	35295	48557	3.07%	0.393%
26	21.320	3099	3103	3111	rBV	74589	124899	7.91%	1.010%
27	21.385	3111	3114	3118	rVB5	24405	35714	2.26%	0.289%
28	21.449	3123	3125	3132	rVB7	21745	33164	2.10%	0.268%
29	21.725	3166	3172	3184	rVB2	299398	547073	34.64%	4.424%
30	22.477	3295	3300	3303	rBV2	46847	76449	4.84%	0.618%
31	22.519	3304	3307	3318	rVB6	37897	93407	5.92%	0.755%
32	23.177	3416	3419	3426	rVB2	42515	73988	4.69%	0.598%
33	23.370	3448	3452	3458	rVB3	23367	42972	2.72%	0.348%
34	23.993	3551	3558	3565	rVB3	58702	137043	8.68%	1.108%

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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	25.033	3726	3735	3746	rVB2	143846	431839	27.35%	3.492%
36	26.097	3909	3916	3925	rVB4	33514	107671	6.82%	0.871%

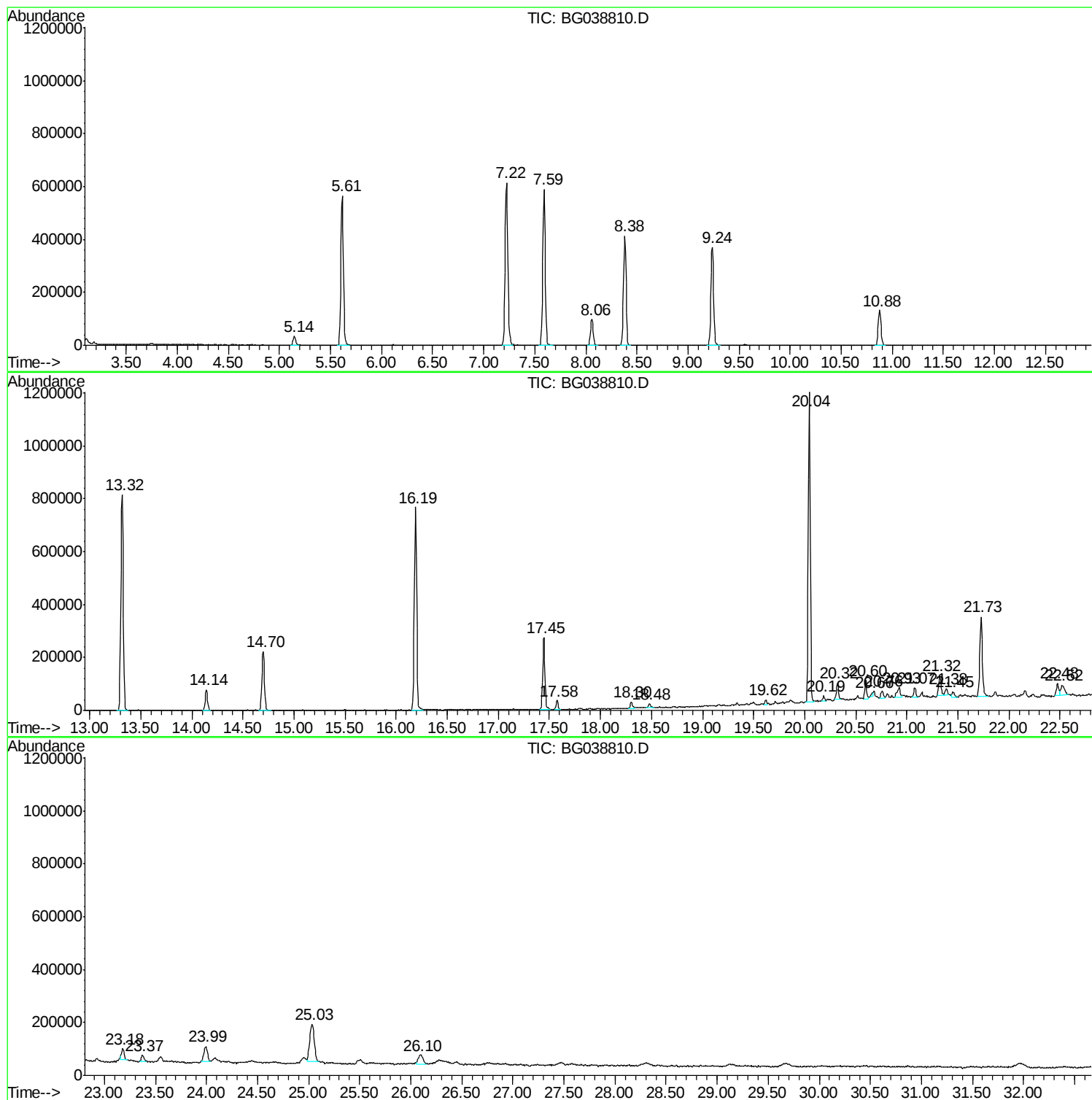
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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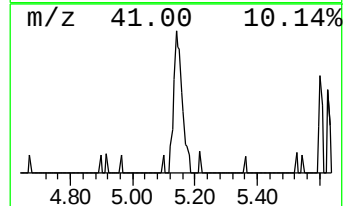
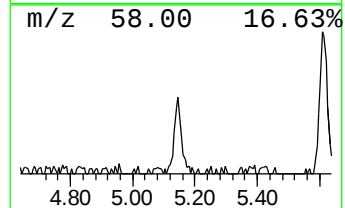
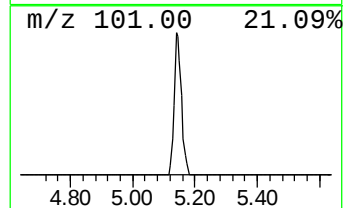
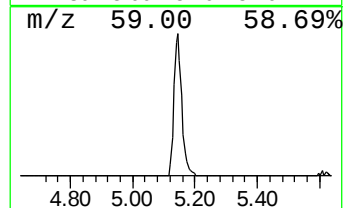
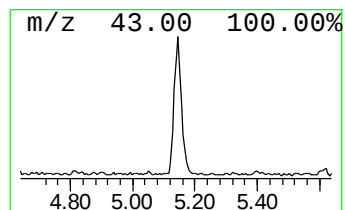
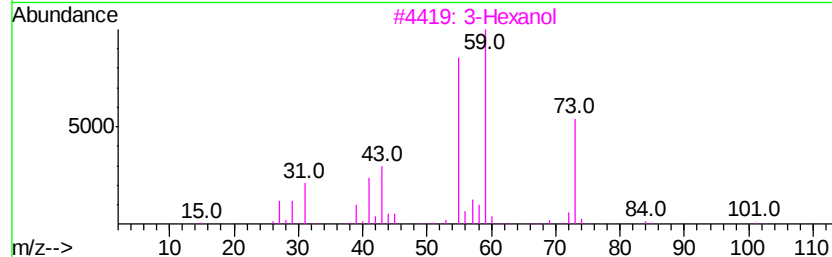
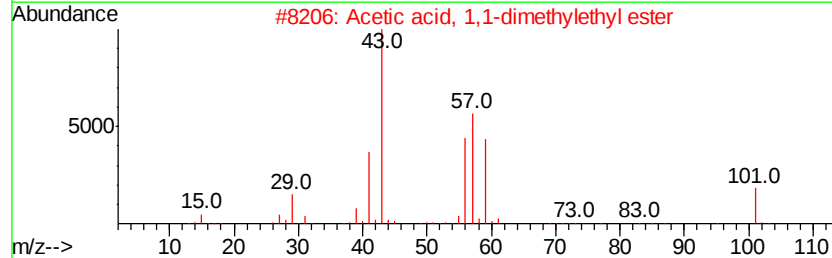
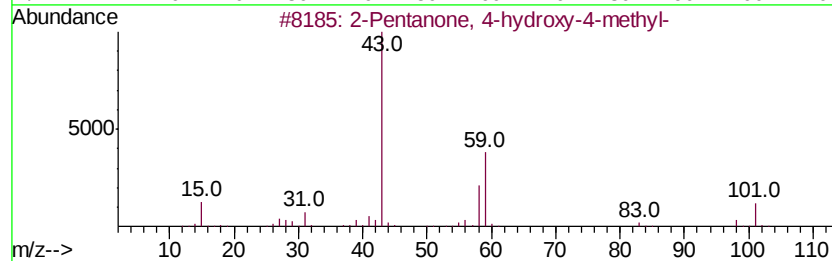
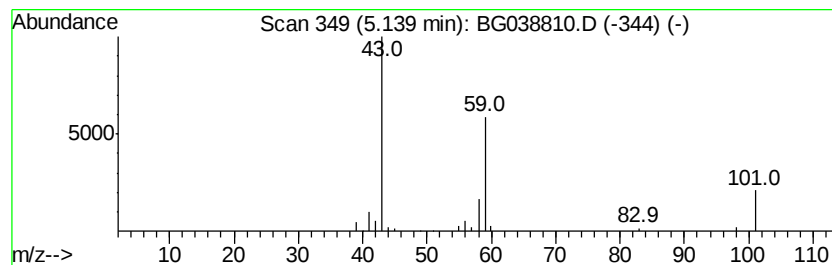
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	6.40 ng	55375	1,4-Dichlorobenzene-d4	8.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol	102	C6H14O	000623-37-0	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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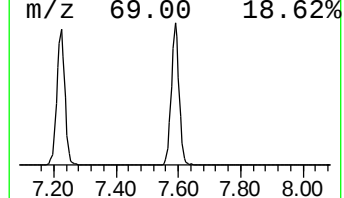
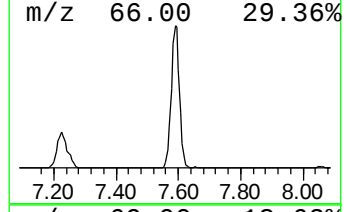
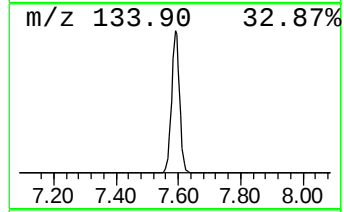
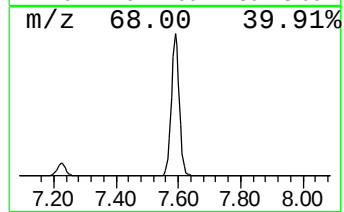
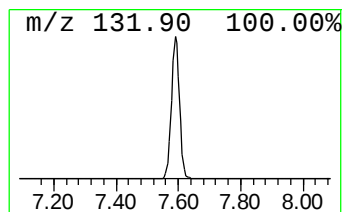
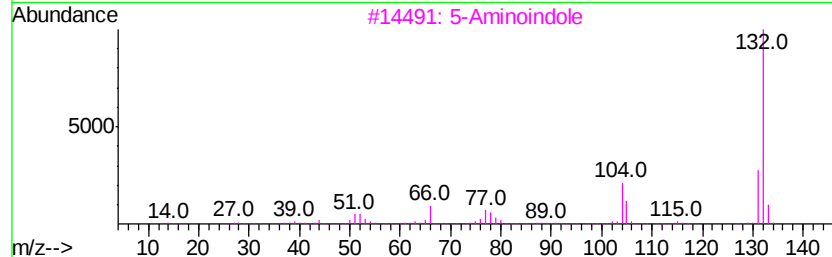
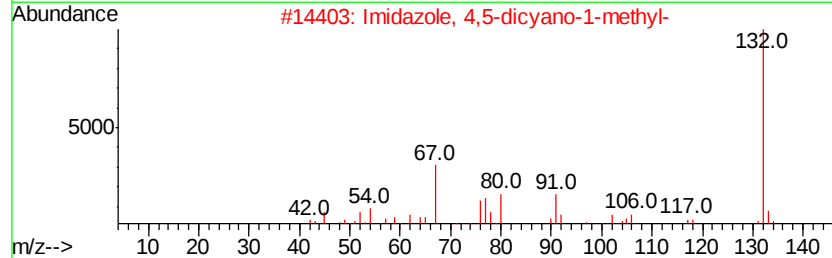
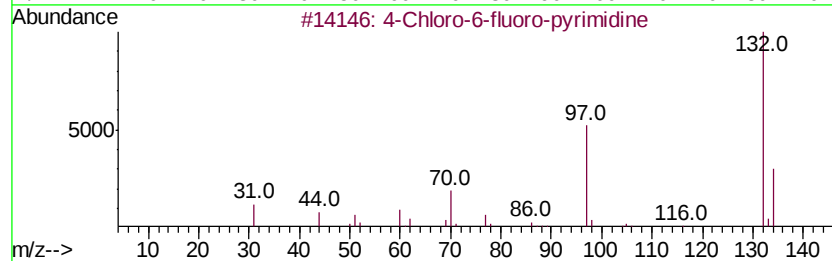
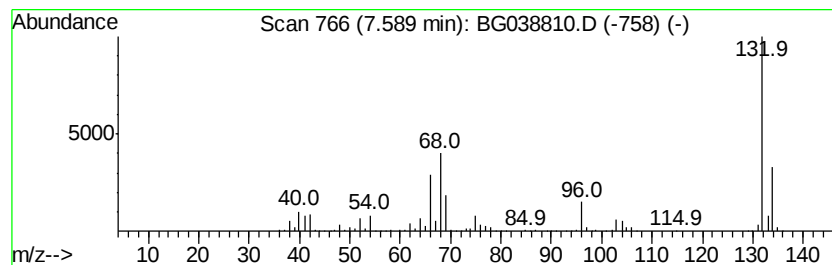
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	122.19 ng	1057320	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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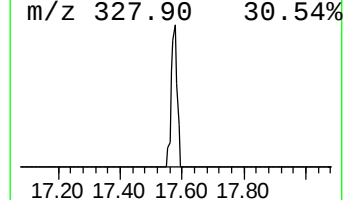
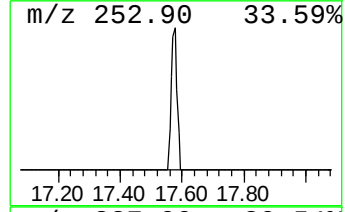
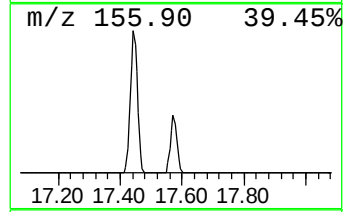
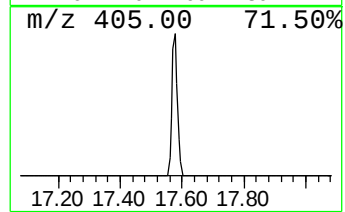
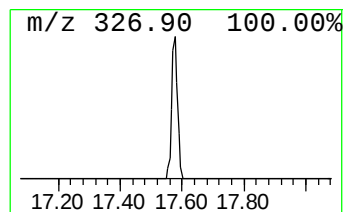
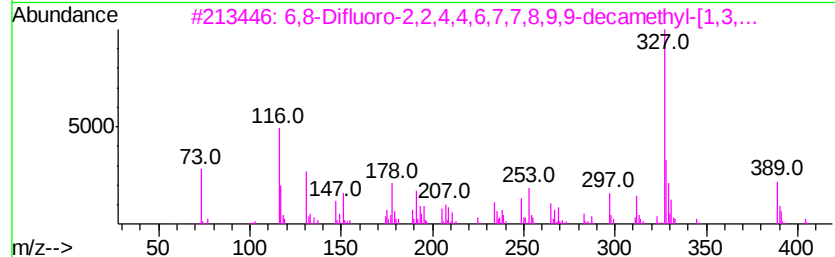
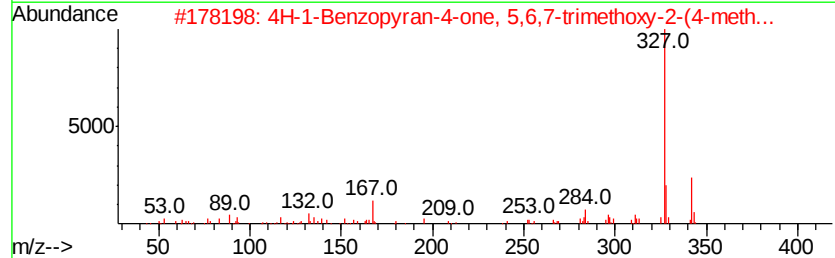
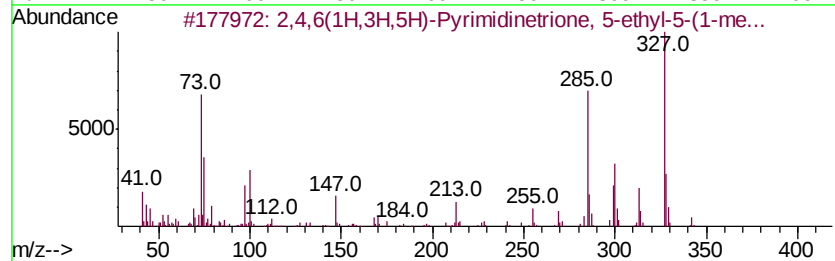
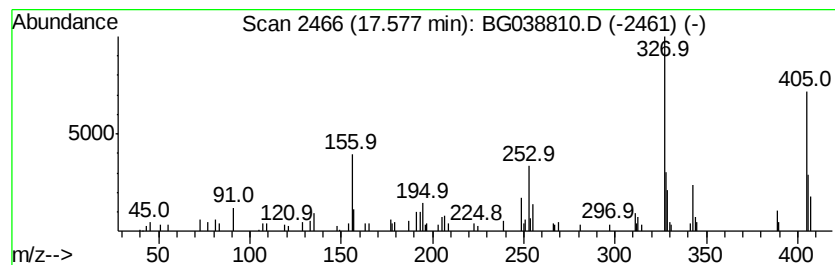
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 unknown17.58 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	2.04 ng	45236	Phenanthrene-d10	17.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6(1H,3H,5H)-Pvrimidinetrione...	342	C15H30N2O3Si2	052937-65-2	38		
2	4H-1-Benzopyran-4-one, 5,6,7-tri...	342	C19H18O6	001168-42-9	27		
3	6,8-Difluoro-2,2,4,4,6,7,7,8,9,9...	404	C10H30F2O3Si6	1000311-72-2	25		
4	N-[3-(Acridin-9-ylamino)-phenyl]	327	C21H17N3O	1000317-72-9	22		
5	N-[4-(Acridin-9-ylamino)-phenyl]	327	C21H17N3O	1000317-35-4	22		



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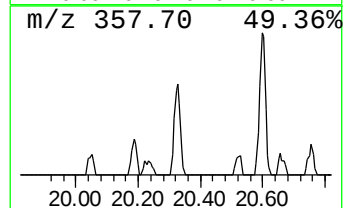
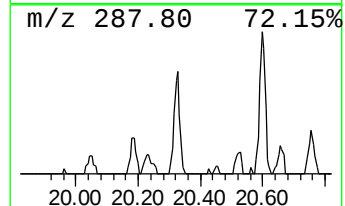
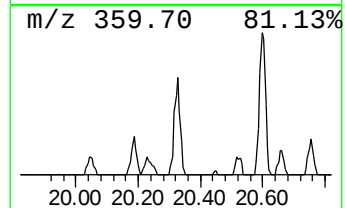
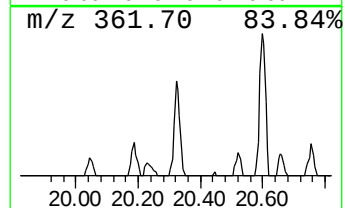
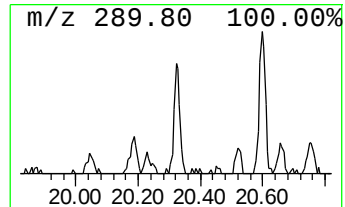
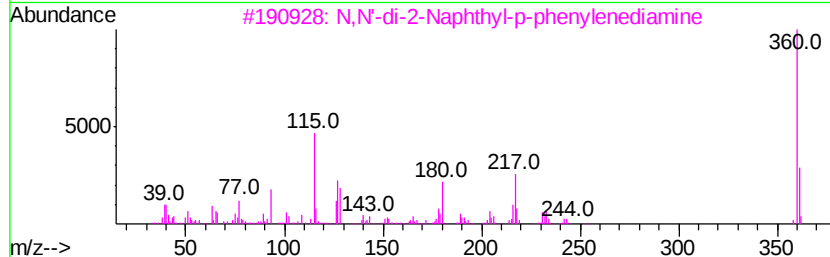
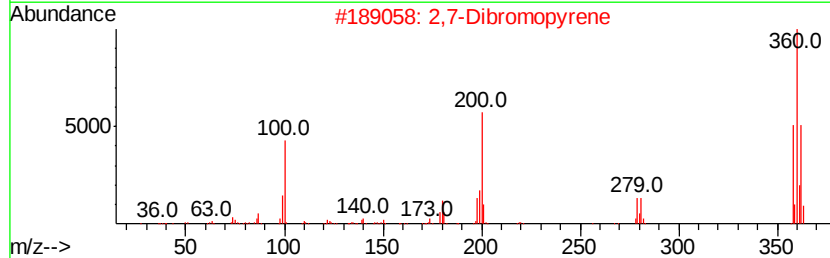
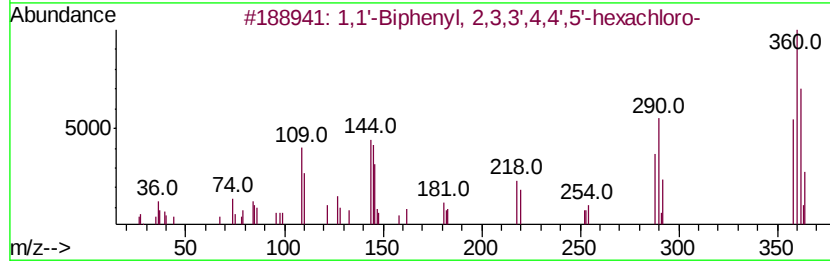
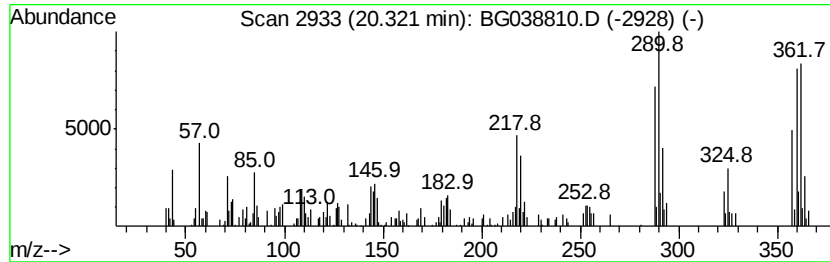
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Peak Number 5 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.32	3.23 ng	88396	Chrysene-d12	21.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	72
2	2,7-Dibromopyrene	358	C16H8Br2	102587-98-4	30
3	N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	25
4	Pyridine-3-carbonitrile, 2-(2-ch...	360	C17H10ClFN2S2	298687-66-8	20
5	4,4'3'-Trichlorodiphenylsulfide	288	C12H7Cl3S	1000283-58-7	20



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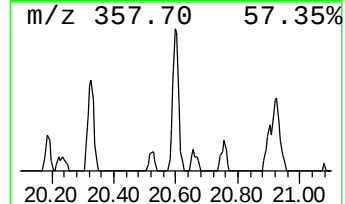
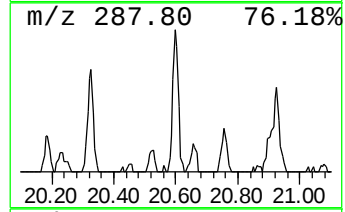
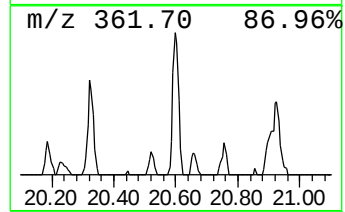
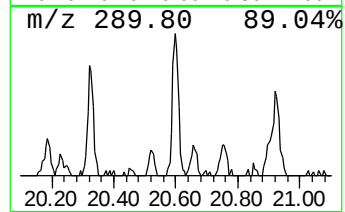
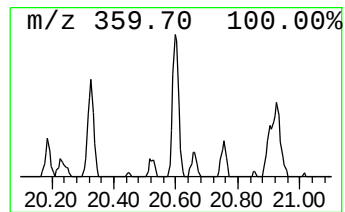
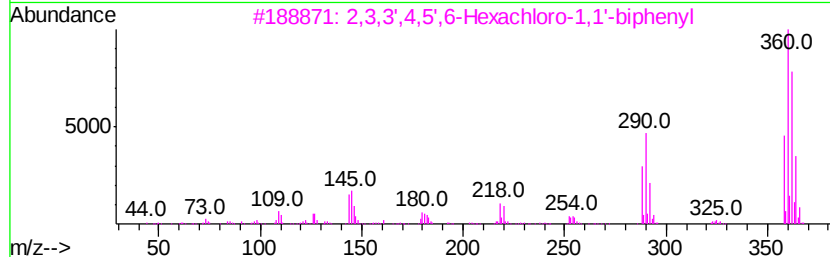
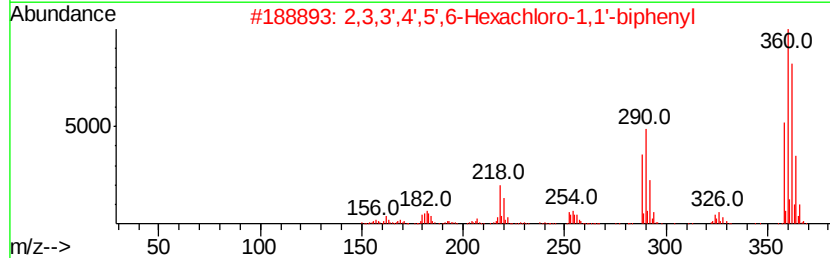
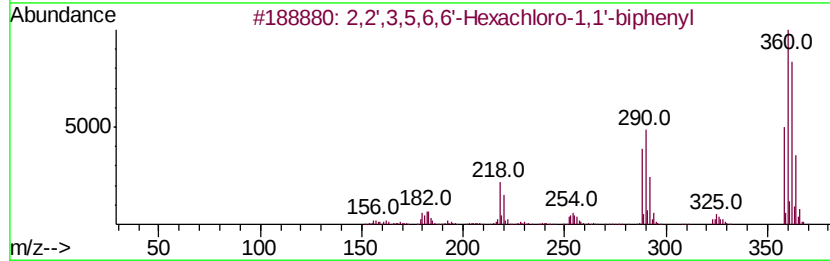
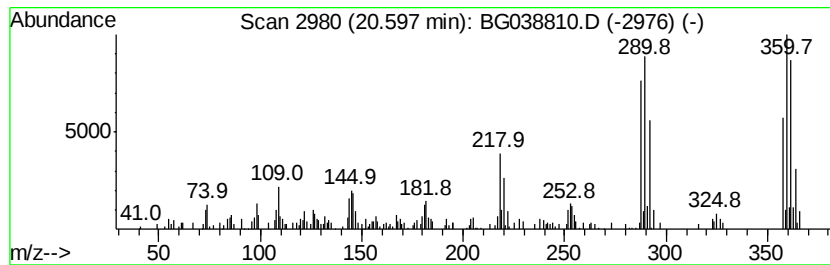
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 2,2',3,5,6,6'-Hexachloro-1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	3.57 ng	97577	Chrysene-d12	21.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99		
2	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	98		
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	98		
4	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	96		
5	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	96		



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Operator : JU/SJ
Sample : J6446-19
Misc :
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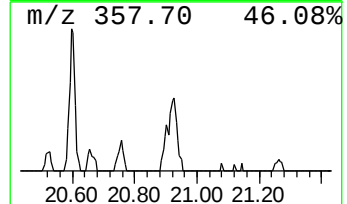
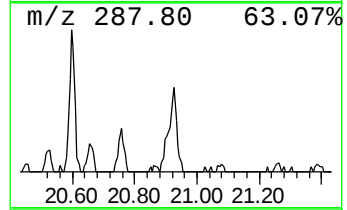
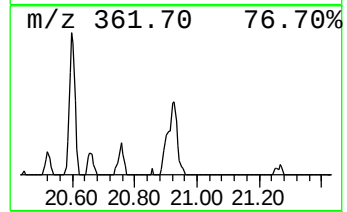
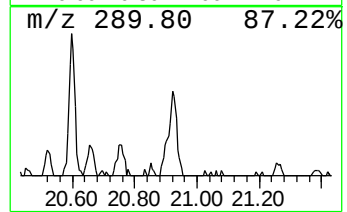
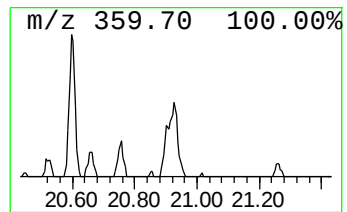
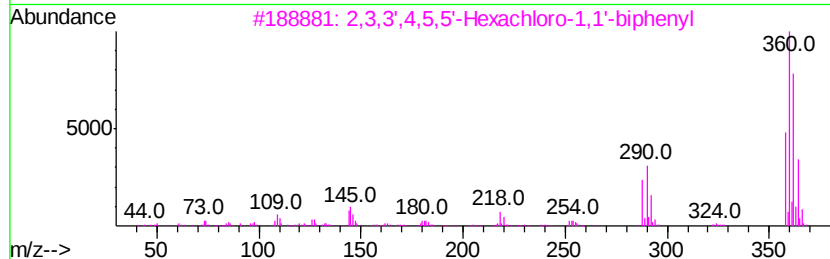
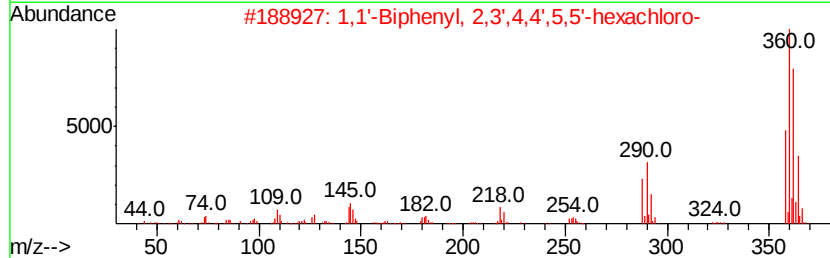
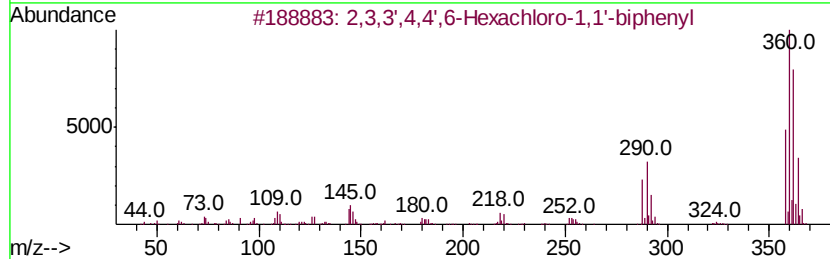
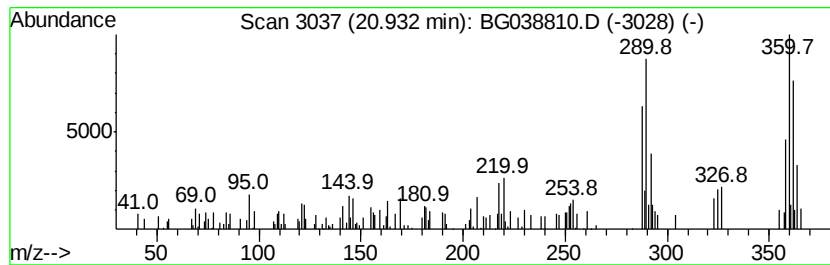
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,3,3',4,4',6-Hexachloro-1,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
20.93	2.82 ng	77266	Chrysene-d12		21.73		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99		
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99		
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99		
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99		



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Operator : JU/SJ
Sample : J6446-19
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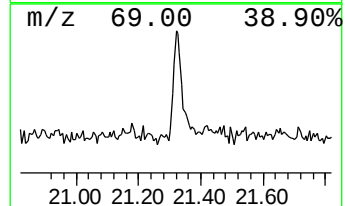
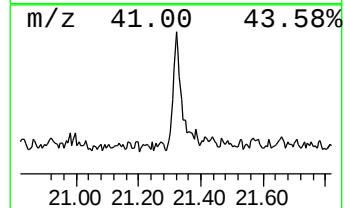
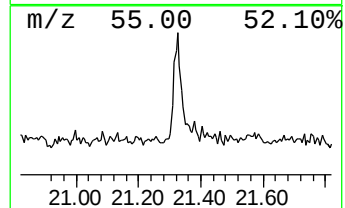
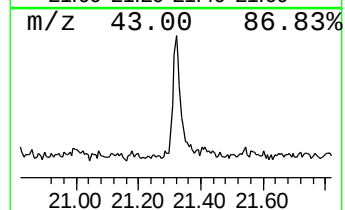
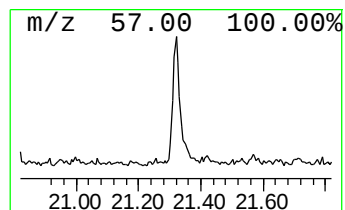
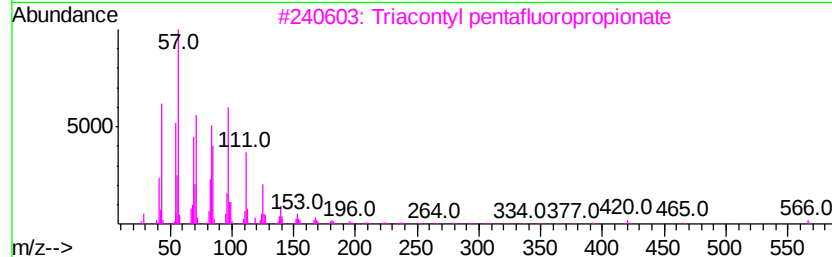
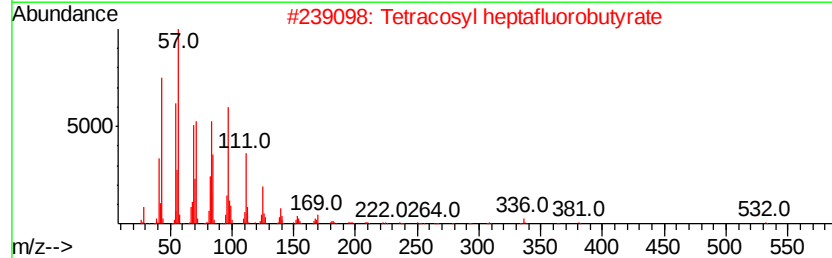
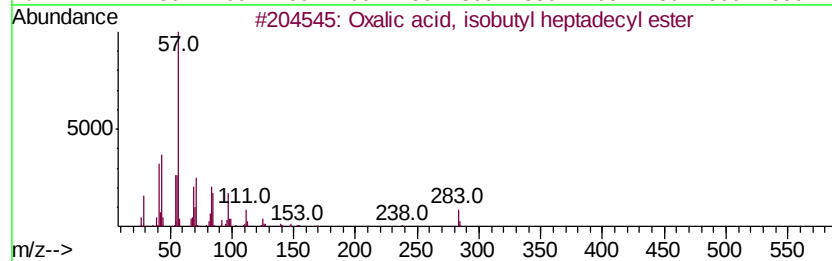
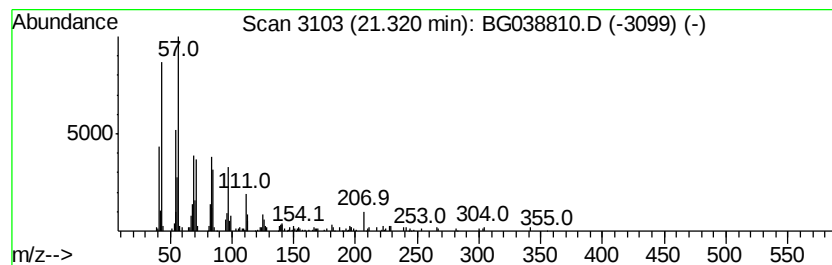
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxalic acid, isobutyl hepta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.32	4.57 ng	124899	Chrysene-d12	21.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
3	Triacetyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	86
4	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	86
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038810.D
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Operator : JU/SJ
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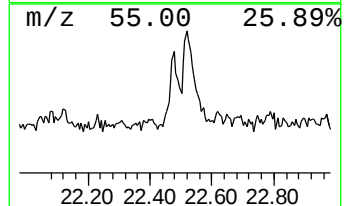
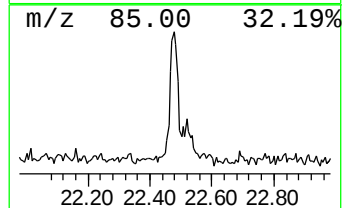
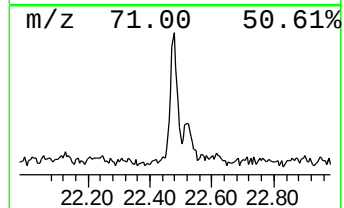
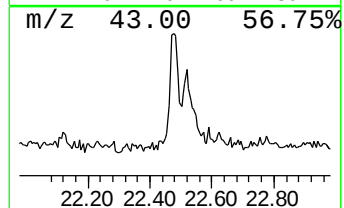
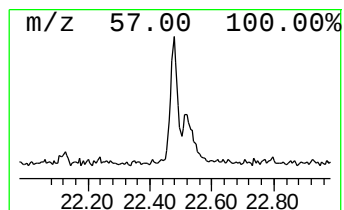
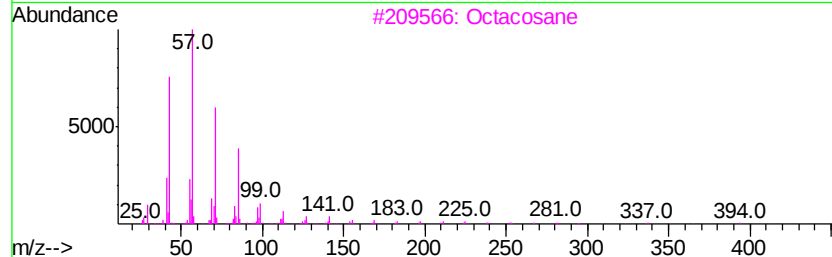
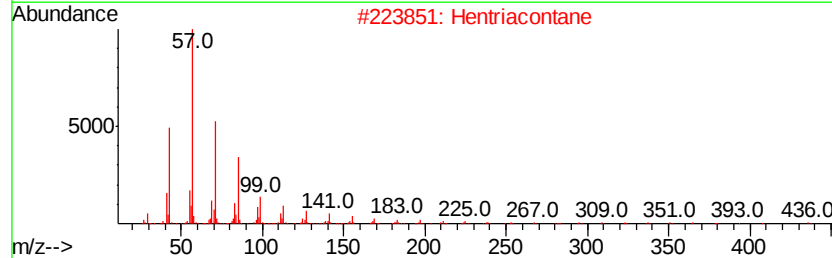
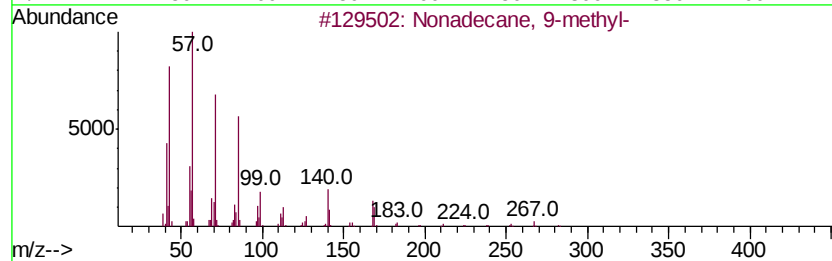
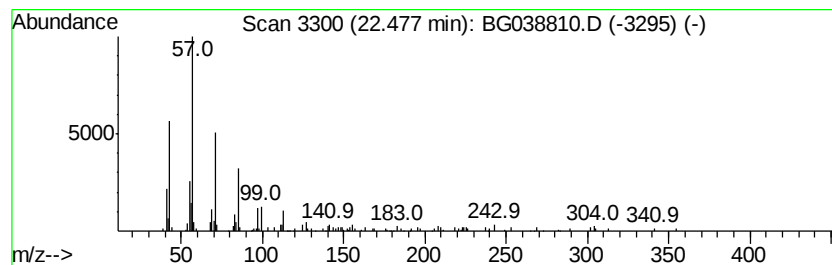
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.79 ng	76449	Chrysene-d12	21.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90	
2	Hentriacontane	437	C31H64	000630-04-6	87	
3	Octacosane	394	C28H58	000630-02-4	86	
4	Hexadecane	226	C16H34	000544-76-3	81	
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
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Acq On : 22 Dec 2018 9:59
Operator : JU/SJ
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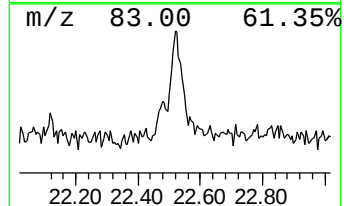
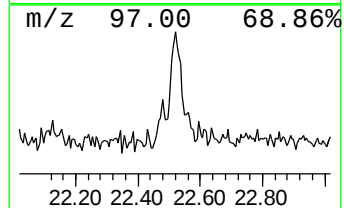
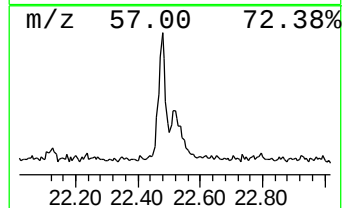
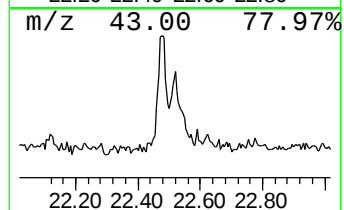
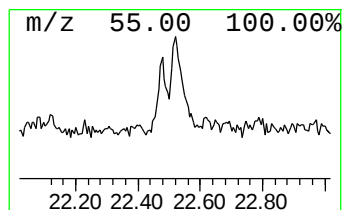
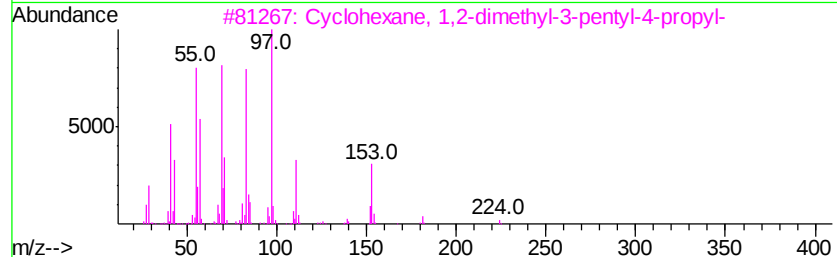
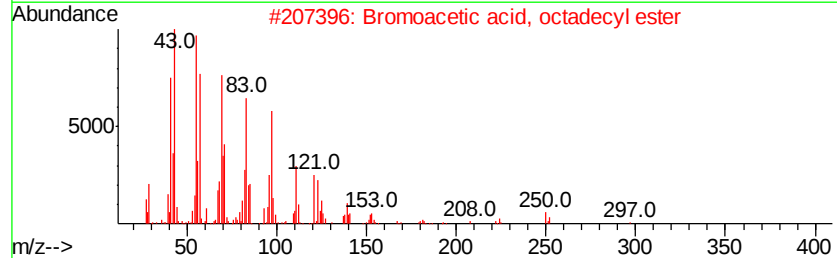
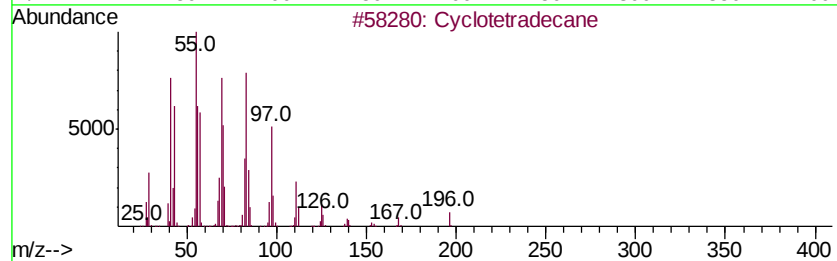
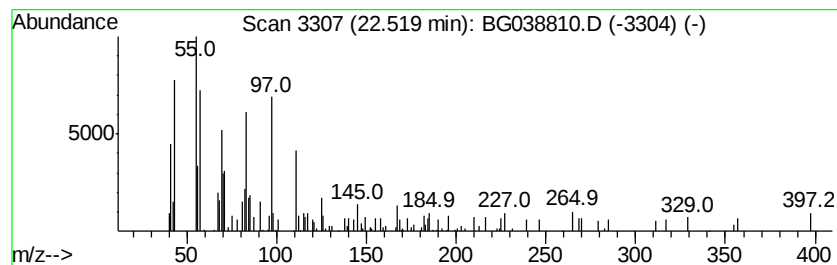
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclotetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	3.41 ng	93407	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	86
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	53
3		Cyclohexane, 1,2-dimethyl-3-pentyl-4-propyl-	224	C16H32	062376-17-4	49
4		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	49
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
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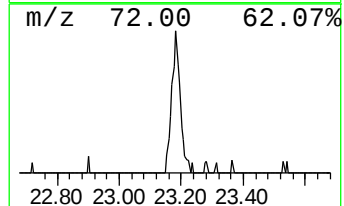
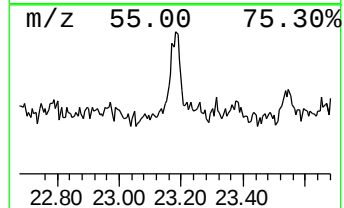
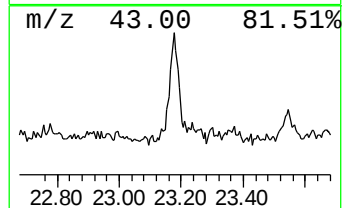
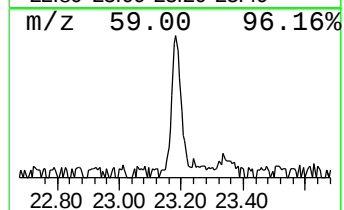
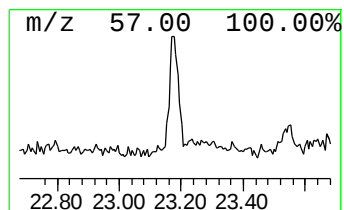
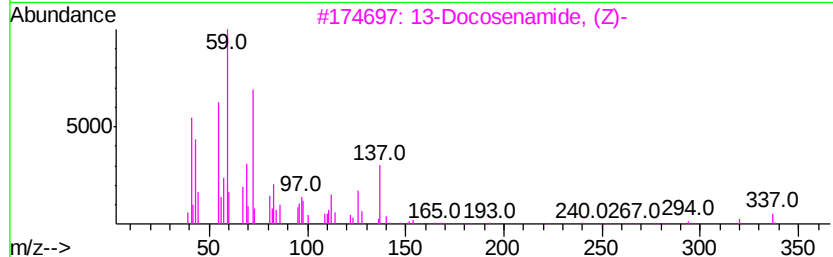
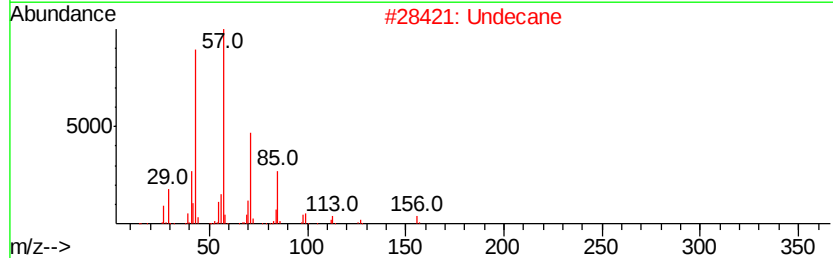
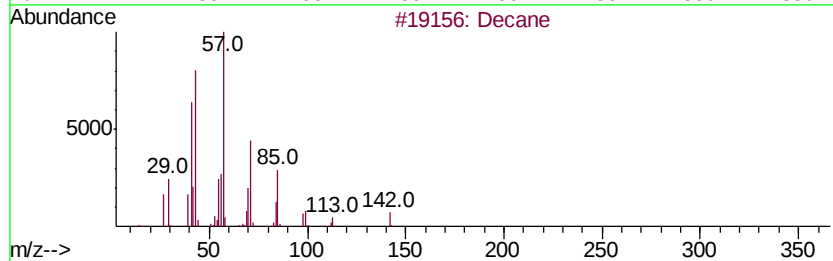
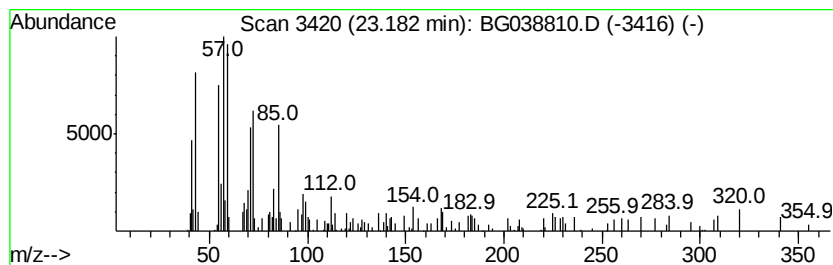
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown23.18 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.70 ng	73988	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	38
2		Undecane	156	C11H24	001120-21-4	38
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	38
4		Heptadecane	240	C17H36	000629-78-7	30
5		Silane, 1-butenyltrimethyl-	128	C7H16Si	018291-95-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
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Operator : JU/SJ
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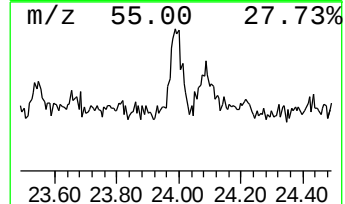
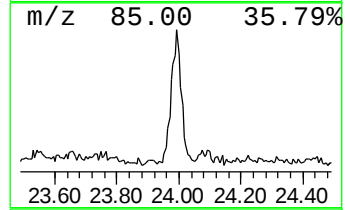
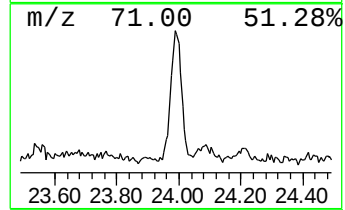
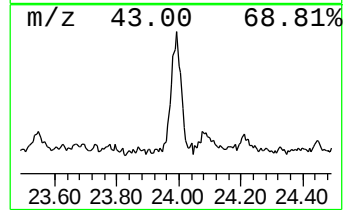
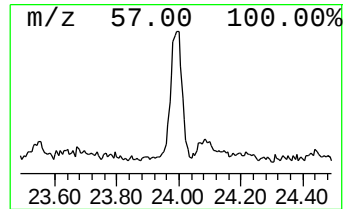
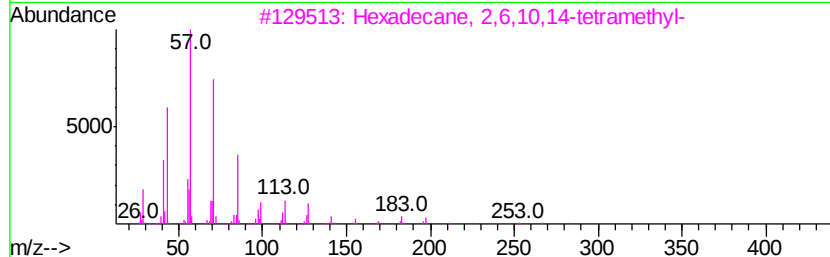
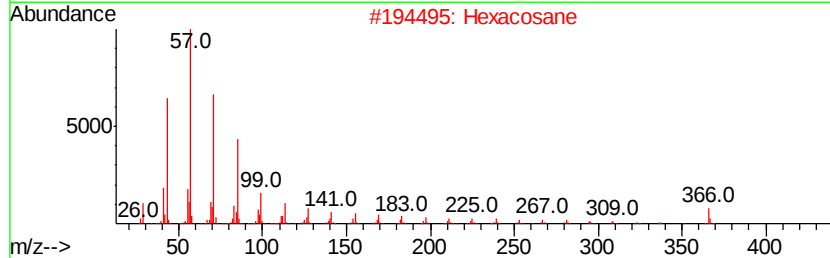
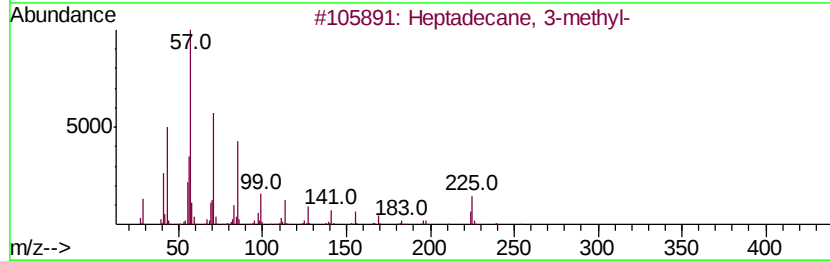
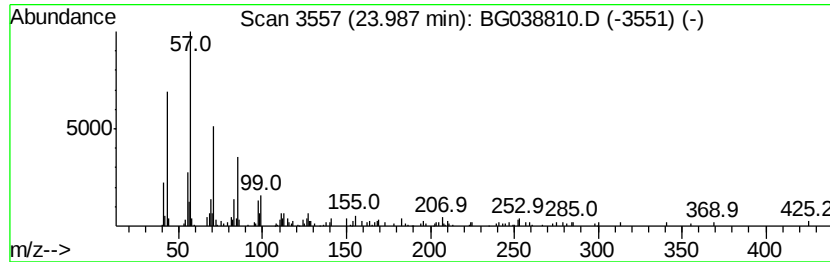
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	6.35 ng	137043	Perylene-d12	25.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
2		Hexacosane	366	C26H54	000630-01-3	83
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4		Octacosane	394	C28H58	000630-02-4	83
5		Heptadecane	240	C17H36	000629-78-7	83



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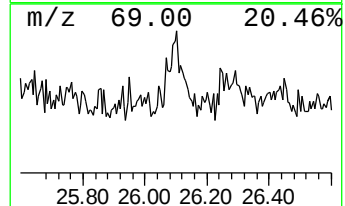
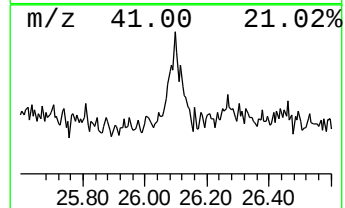
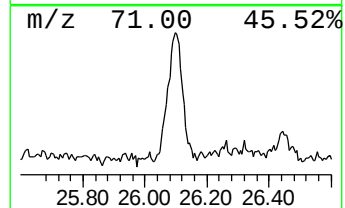
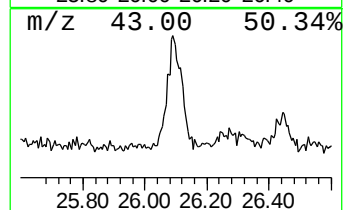
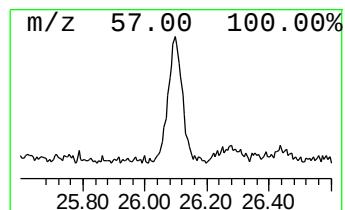
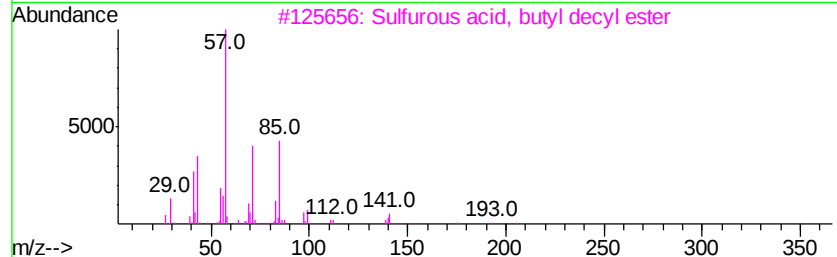
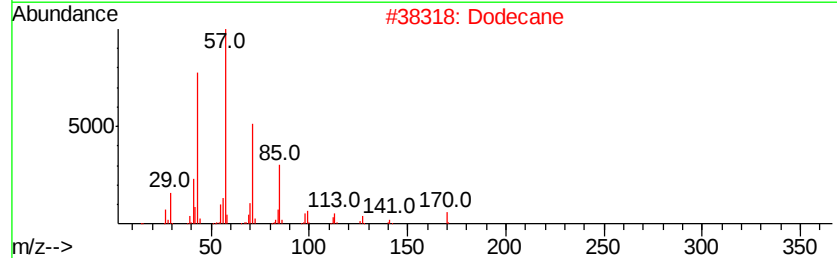
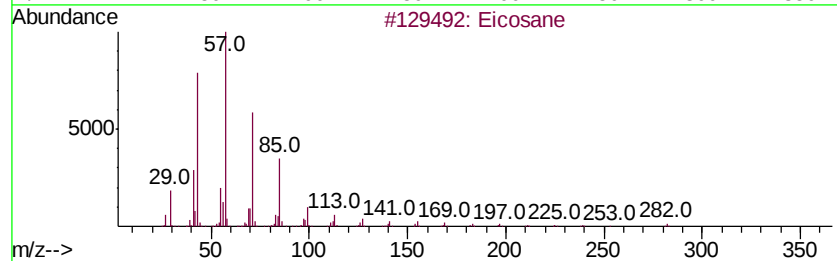
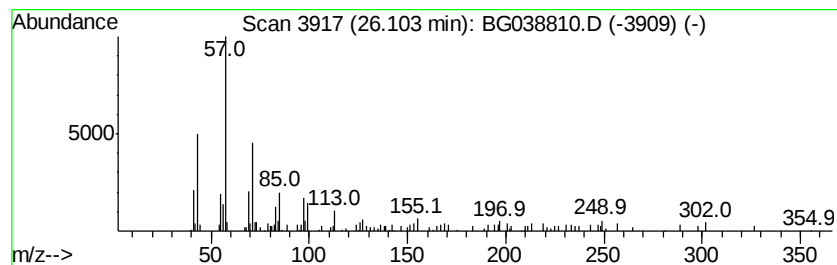
Instrument :
BNA_G
ClientSampleId :
P001-SS023-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	4.99 ng	107671	Perylene-d12	25.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	87
2	Dodecane	170 C12H26	000112-40-3	83
3	Sulfurous acid, butyl decyl ester	278 C14H30O3S	1000309-17-7	80
4	Nonadecane, 2-methyl-	282 C20H42	001560-86-7	80
5	Sulfurous acid, butyl dodecyl ester	306 C16H34O3S	1000309-17-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
Data File : BG038810.D
Acq On : 22 Dec 2018 9:59
Operator : JU/SJ
Sample : J6446-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS023-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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
2-Pentanone, 4-hy...	5.14	6.4	ng	55375	1	8.06	173069	20.0
unknown7.59	7.59	122.2	ng	1057320	1	8.06	173069	20.0
unknown17.58	17.58	2.0	ng	45236	4	17.45	444264	20.0
1,1'-Biphenyl, 2,...	20.32	3.2	ng	88396	5	21.73	547073	20.0
2,2',3,5,6,6'-Hex...	20.60	3.6	ng	97577	5	21.73	547073	20.0
2,3,3',4,4',6-Hex...	20.93	2.8	ng	77266	5	21.73	547073	20.0
Oxalic acid, isob...	21.32	4.6	ng	124899	5	21.73	547073	20.0
Nonadecane, 9-met...	22.48	2.8	ng	76449	5	21.73	547073	20.0
Cyclotetradecane	22.52	3.4	ng	93407	5	21.73	547073	20.0
unknown23.18	23.18	2.7	ng	73988	5	21.73	547073	20.0
Heptadecane, 3-me...	23.99	6.3	ng	137043	6	25.03	431839	20.0
Eicosane	26.10	5.0	ng	107671	6	25.03	431839	20.0