

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044001.D
 Acq On : 10 Jan 2020 14:17
 Operator : JU
 Sample : L1064-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-A

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-BG123019.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	3.137	4	8	22	rVB	381031	739615	11.30%	1.672%
2	5.058	329	335	344	rBV	412739	658370	10.06%	1.488%
3	5.528	408	415	433	rBV	1757935	3009391	45.96%	6.801%
4	7.120	677	686	711	rBV	1978049	3640912	55.61%	8.229%
5	7.485	740	748	771	rBV	1946622	3501572	53.48%	7.914%
6	7.949	820	827	837	rBV	348331	625743	9.56%	1.414%
7	8.278	875	883	896	rBV	1426290	2624141	40.08%	5.931%
8	9.106	1015	1024	1036	rBV	1174353	2162255	33.02%	4.887%
9	10.752	1294	1304	1314	rBV	497885	905827	13.83%	2.047%
10	13.207	1714	1722	1737	rBV	3034981	4896376	74.78%	11.066%
11	14.036	1857	1863	1875	rVB	195189	312087	4.77%	0.705%
12	14.582	1949	1956	1965	rBV	802336	1288957	19.69%	2.913%
13	16.069	2202	2209	2227	rBV	2651083	4049214	61.84%	9.151%
14	17.326	2415	2423	2434	rBV	970625	1490421	22.76%	3.368%
15	18.654	2643	2649	2655	rVB2	69137	90794	1.39%	0.205%
16	19.941	2862	2868	2881	rBV	4970463	6547660	100.00%	14.798%
17	21.245	3084	3090	3104	rBV2	292389	558646	8.53%	1.263%
18	21.574	3138	3146	3159	rBV	924505	1572177	24.01%	3.553%
19	21.792	3179	3183	3190	rVB	58286	85755	1.31%	0.194%
20	22.385	3279	3284	3296	rVB3	83217	161424	2.47%	0.365%
21	23.061	3393	3399	3405	rVB	89589	163163	2.49%	0.369%
22	23.243	3422	3430	3442	rVB	1451711	2800974	42.78%	6.330%
23	23.848	3526	3533	3539	rBV	88971	183112	2.80%	0.414%
24	24.453	3625	3636	3644	rBV4	62154	171348	2.62%	0.387%
25	24.688	3666	3676	3685	rBV2	540900	1555038	23.75%	3.514%
26	24.765	3685	3689	3698	rVB3	79176	182049	2.78%	0.411%
27	25.869	3870	3877	3885	rVB3	55133	149400	2.28%	0.338%
28	27.179	4091	4100	4111	rVB7	32649	120360	1.84%	0.272%

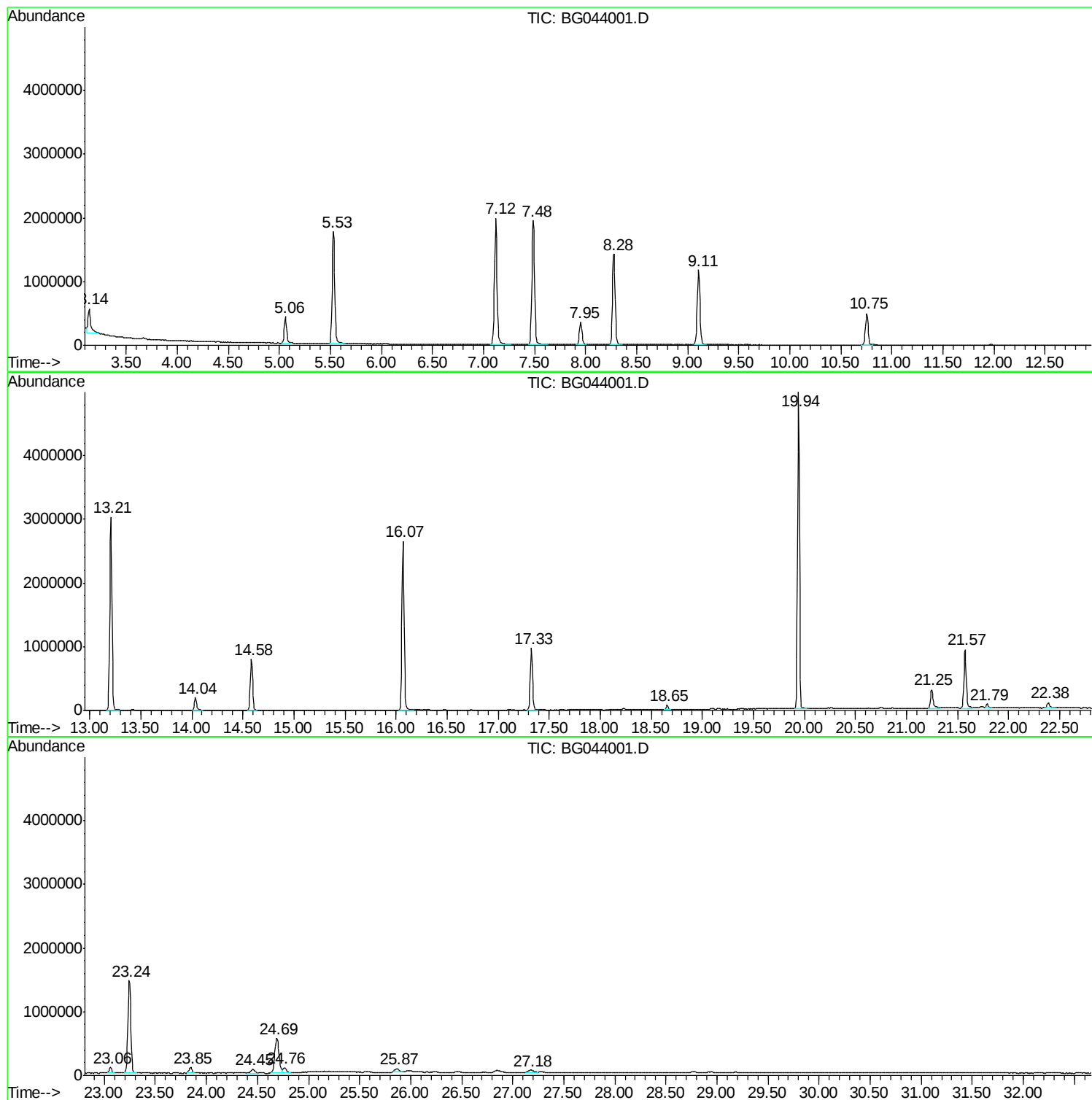
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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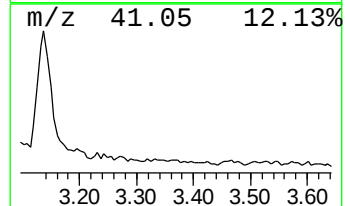
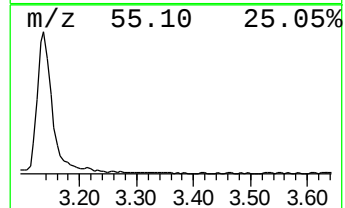
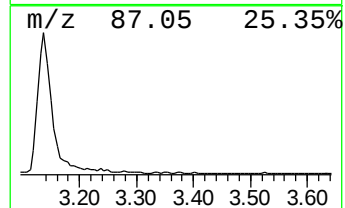
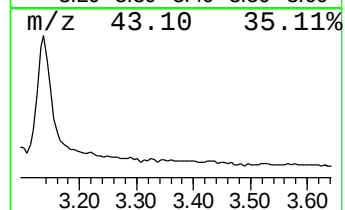
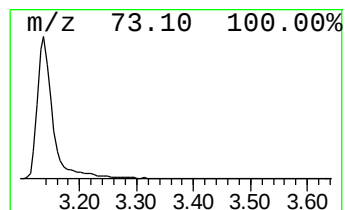
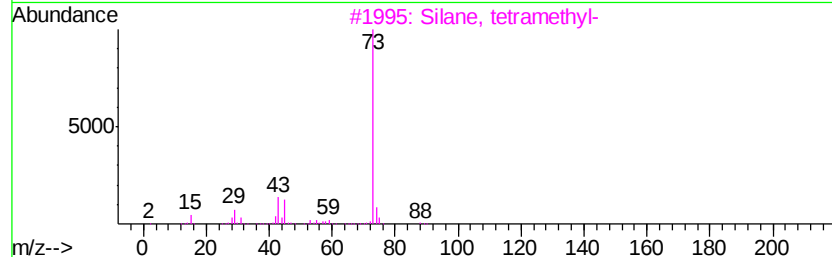
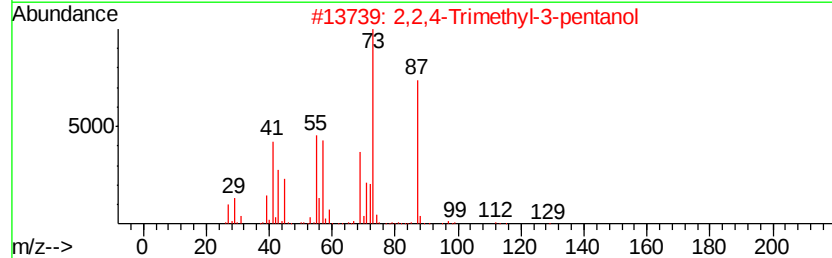
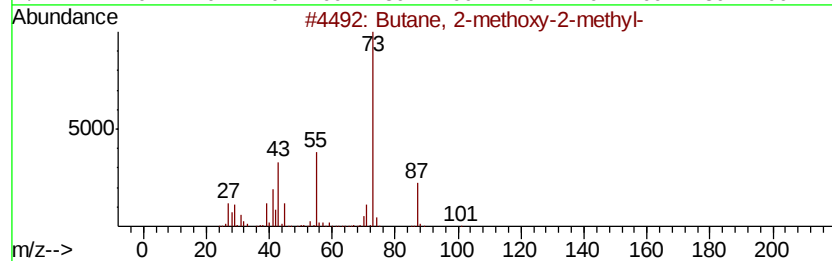
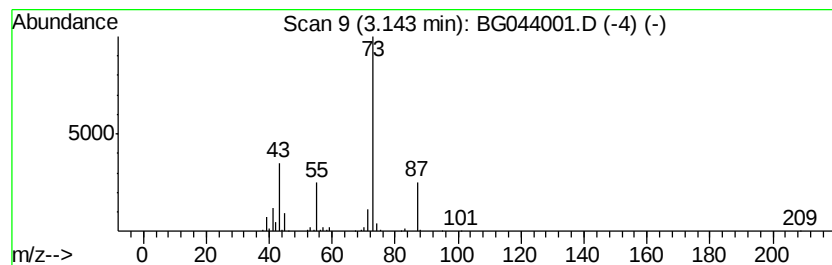
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	23.64 ng	739615	1,4-Dichlorobenzene-d4	7.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		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		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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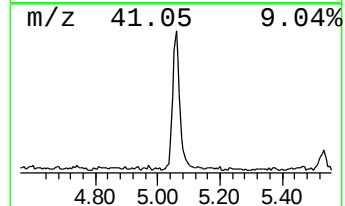
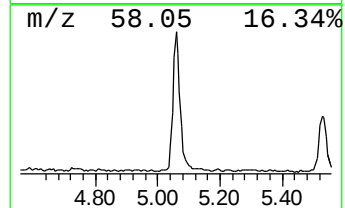
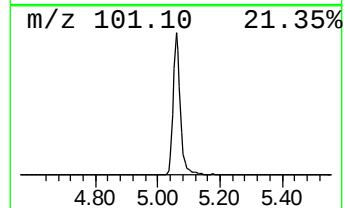
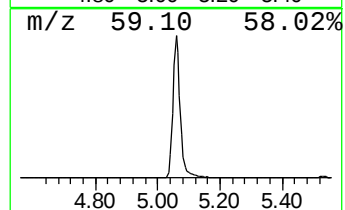
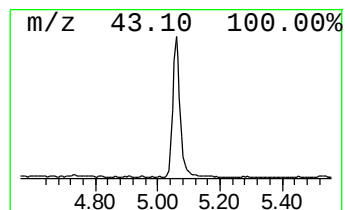
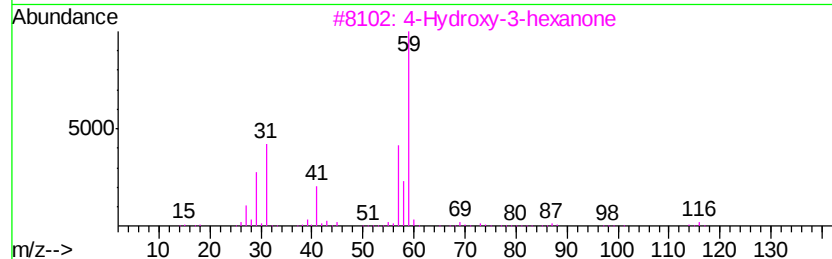
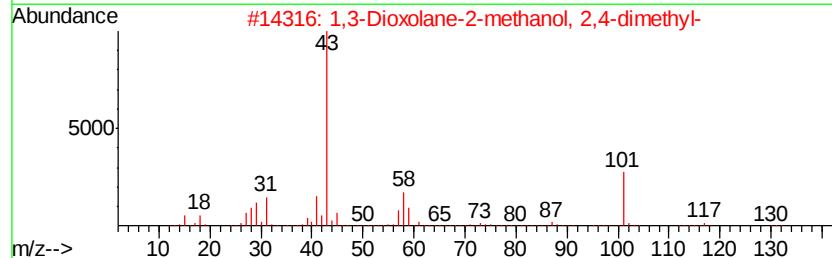
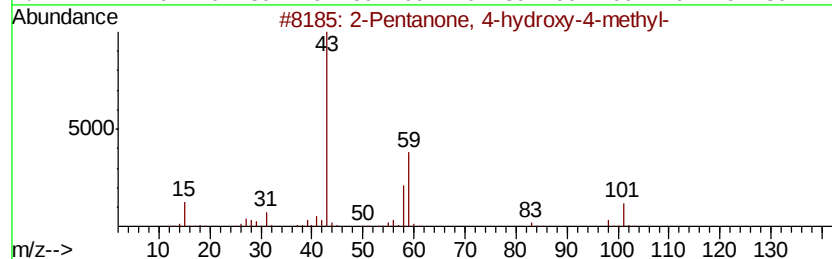
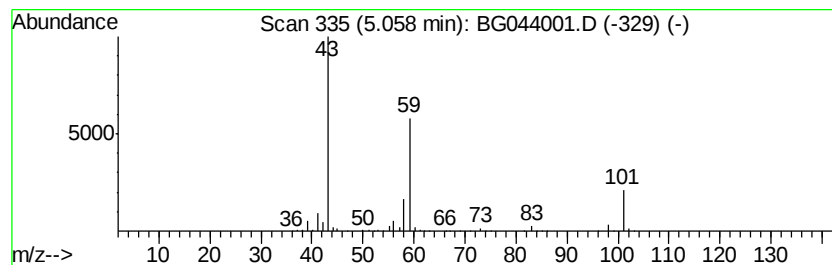
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	21.04 ng	658370	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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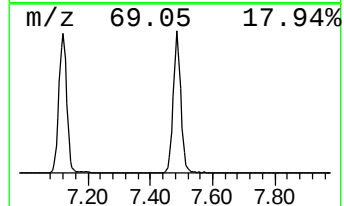
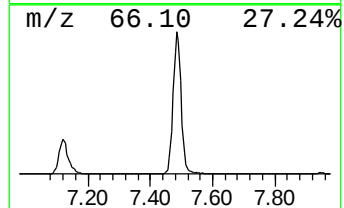
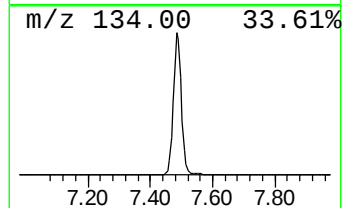
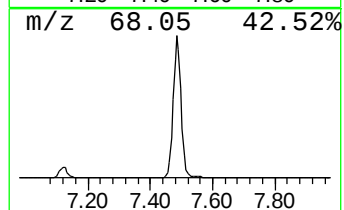
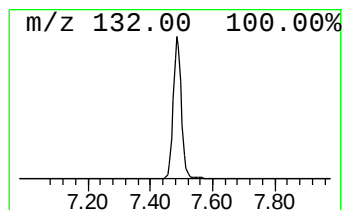
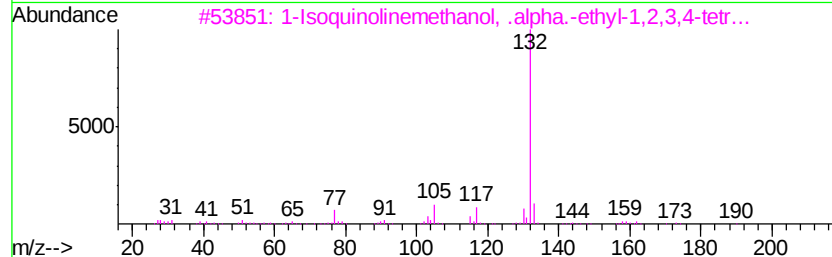
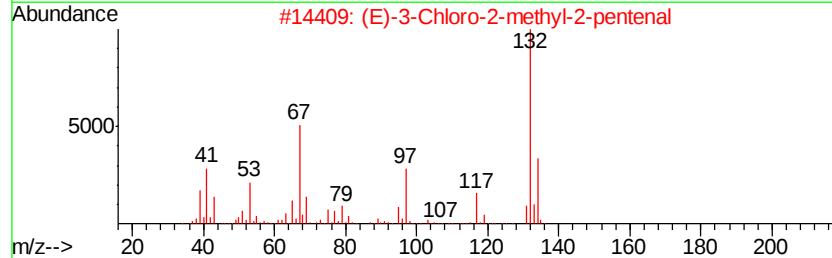
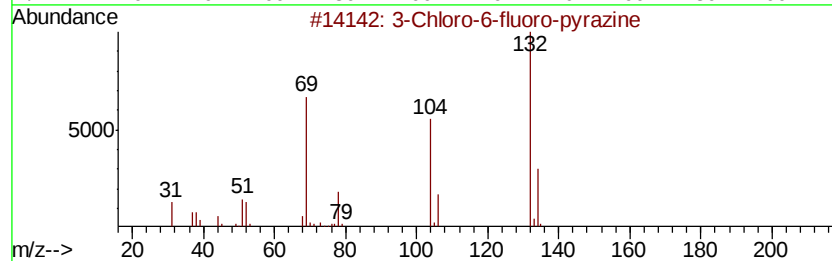
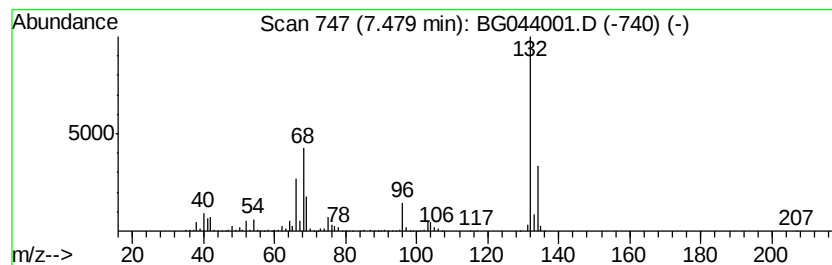
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Peak Number 3 unknown7.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	111.92 ng	3501570	1,4-Dichlorobenzene-d4	7.95

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		1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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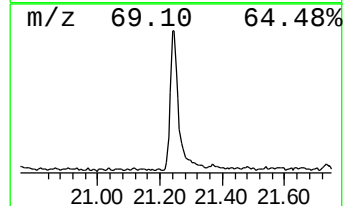
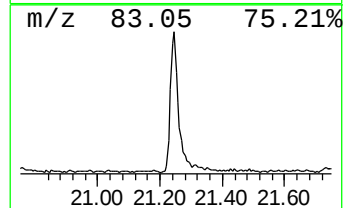
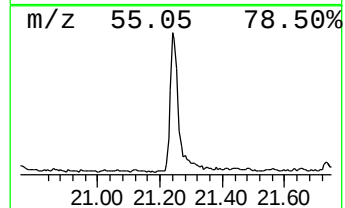
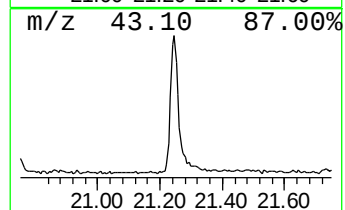
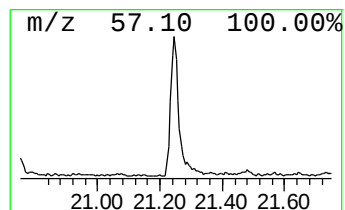
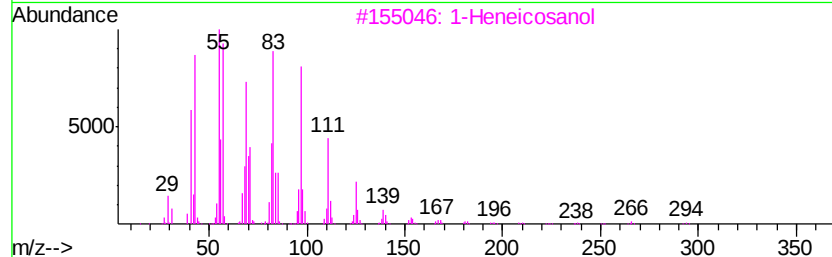
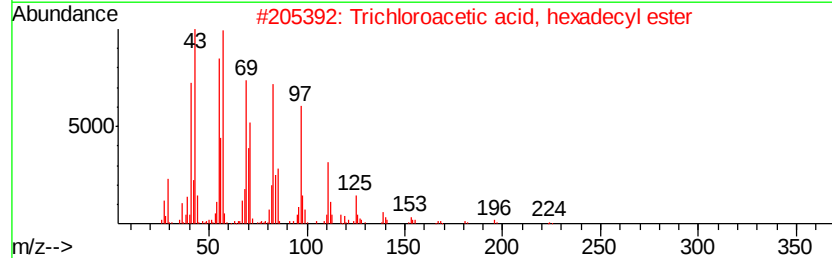
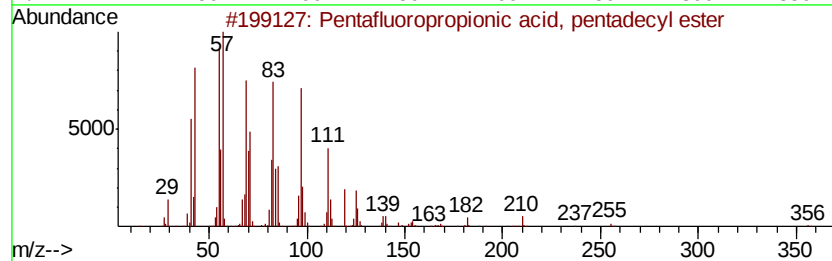
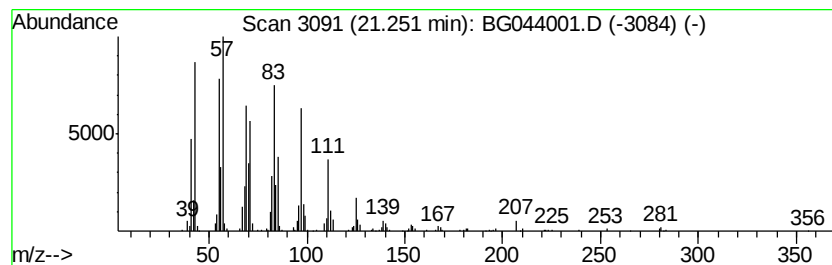
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Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	7.11 ng	558646	Chrysene-d12	21.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5		Behenic alcohol	326	C22H46O	000661-19-8	91



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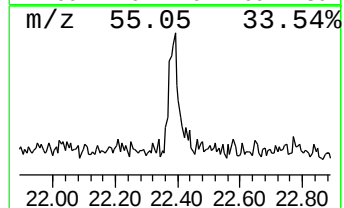
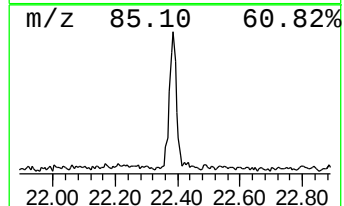
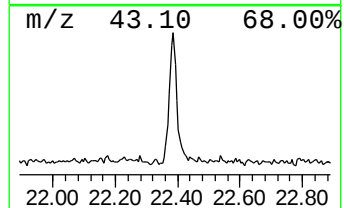
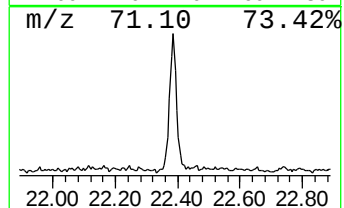
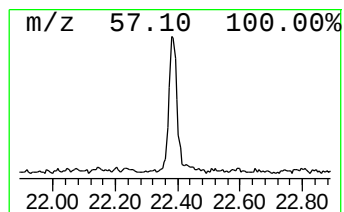
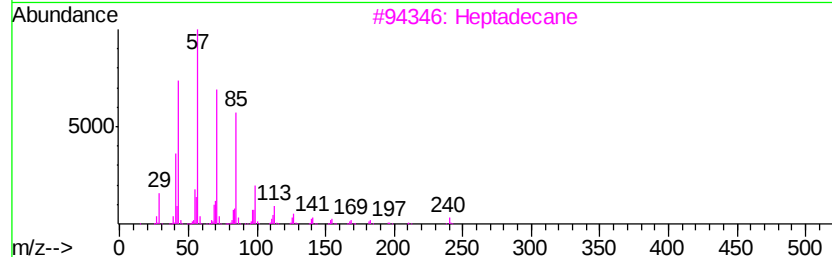
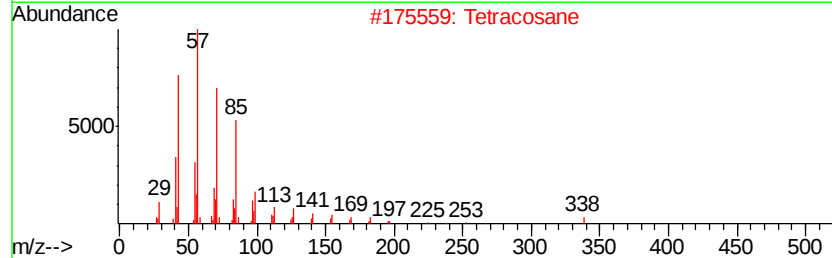
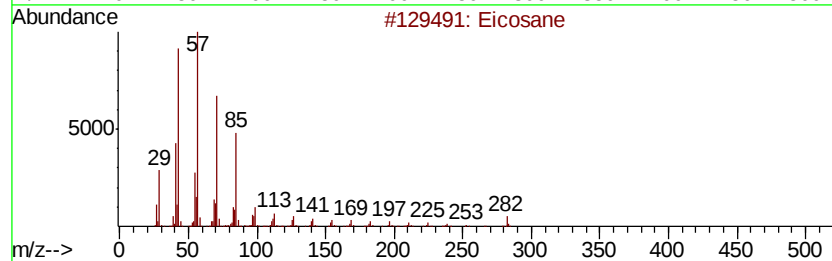
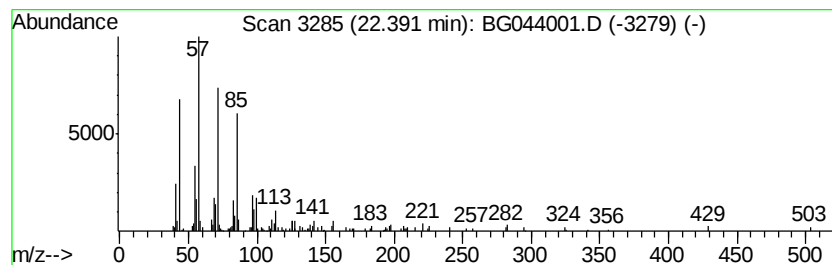
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Peak Number 6 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.05 ng	161424	Chrysene-d12	21.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



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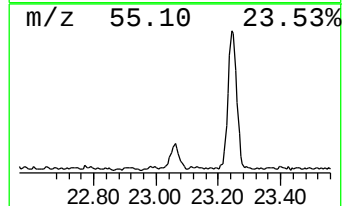
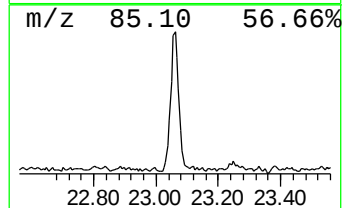
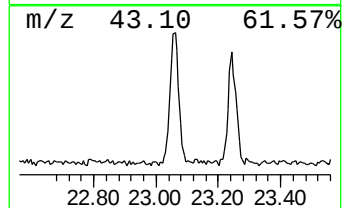
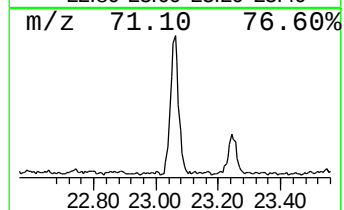
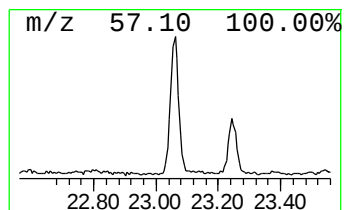
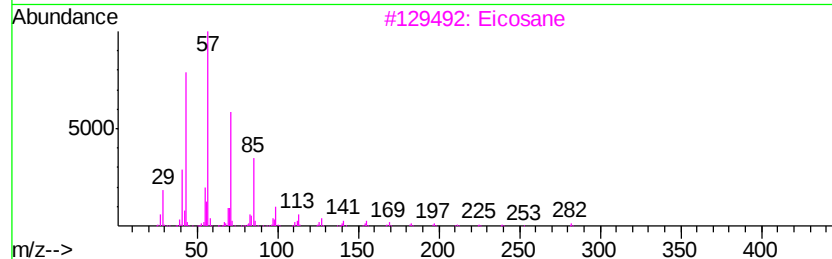
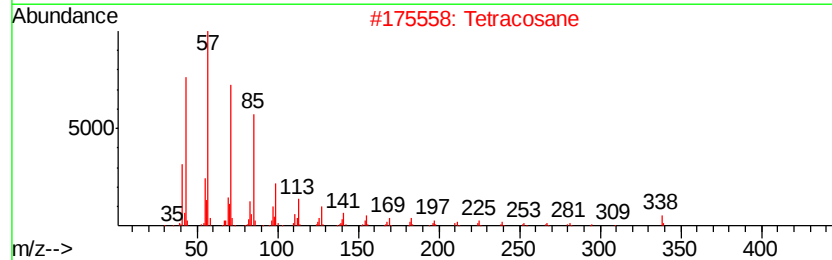
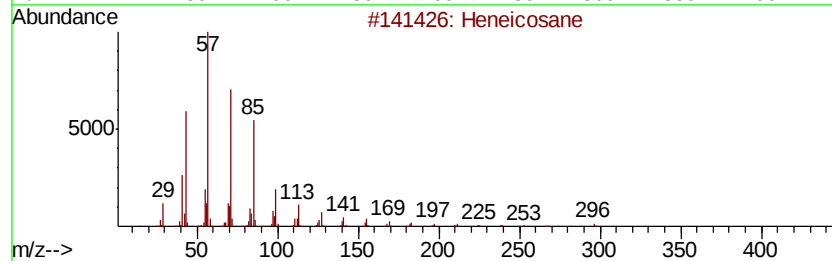
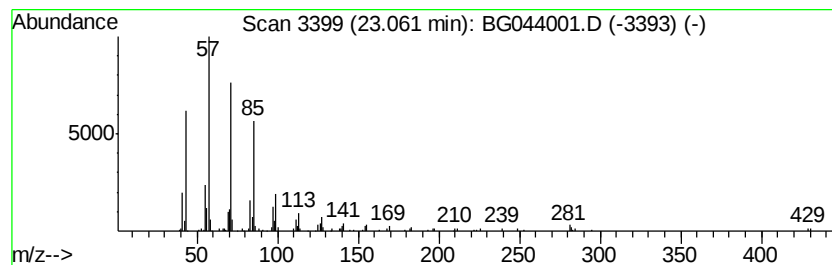
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	2.08 ng	163163	Chrysene-d12	21.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	Eicosane		282	C20H42	000112-95-8	89
4	Hexadecane		226	C16H34	000544-76-3	80
5	Heptadecane		240	C17H36	000629-78-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044001.D
 Acq On : 10 Jan 2020 14:17
 Operator : JU
 Sample : L1064-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-A

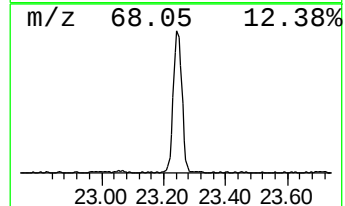
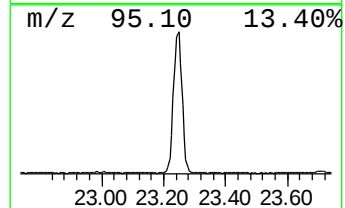
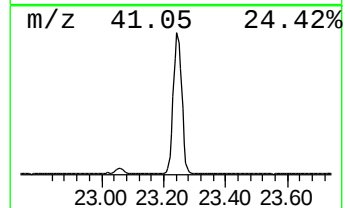
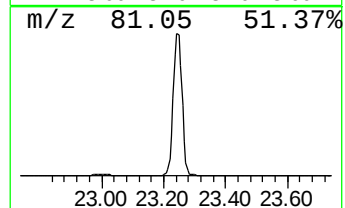
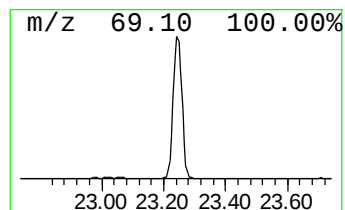
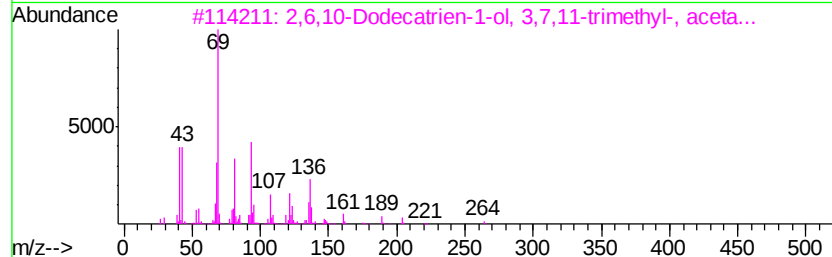
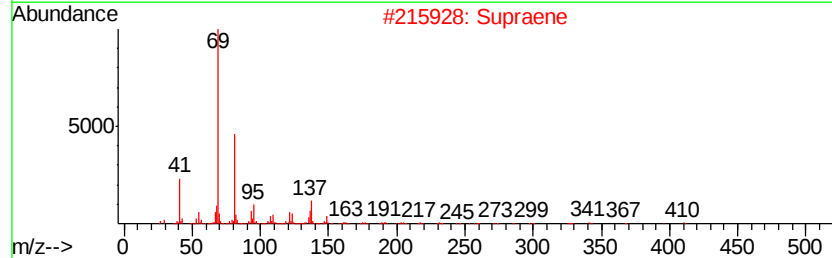
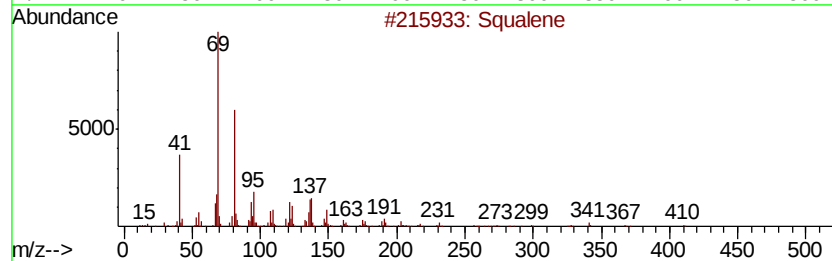
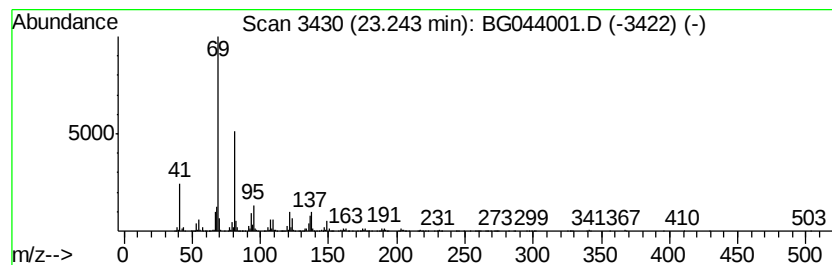
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	36.02 ng	2800970	Perylene-d12	24.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	95
2		Supraene	410	C30H50	007683-64-9	91
3		2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64
4		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50
5		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044001.D
 Acq On : 10 Jan 2020 14:17
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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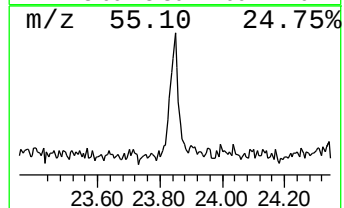
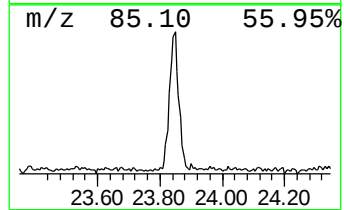
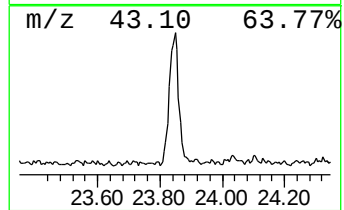
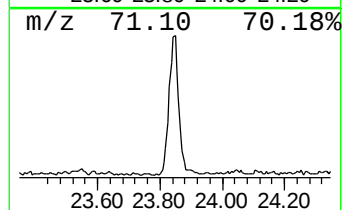
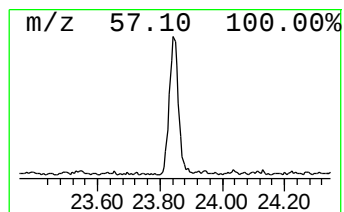
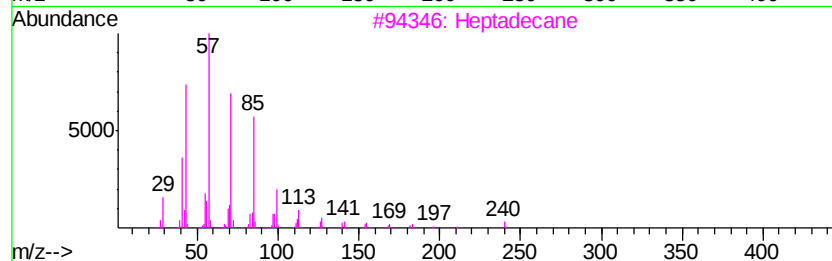
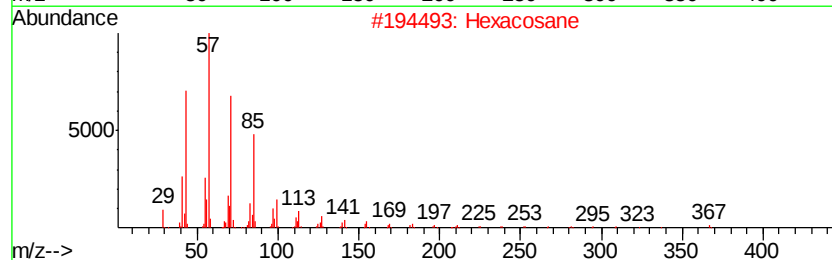
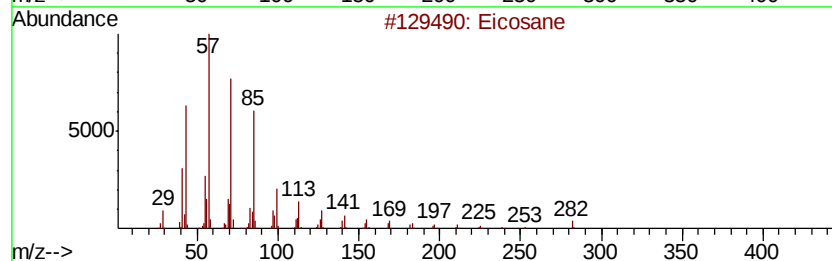
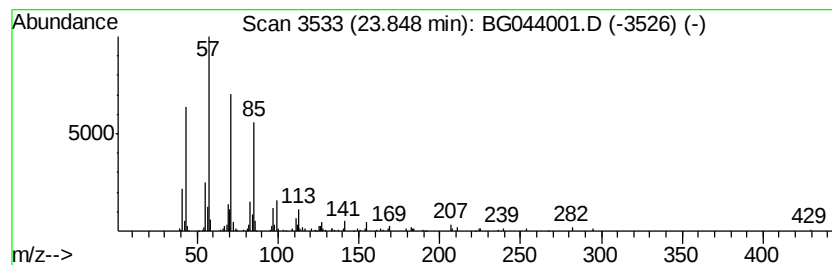
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.36 ng	183112	Perylene-d12	24.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heptadecane	240	C17H36	000629-78-7	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044001.D
Acq On : 10 Jan 2020 14:17
Operator : JU
Sample : L1064-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

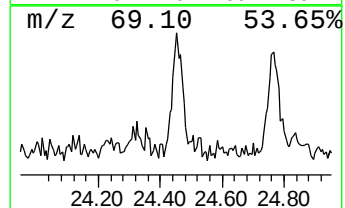
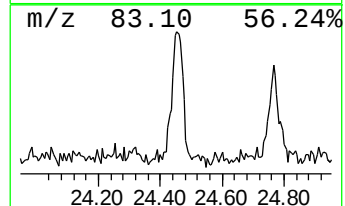
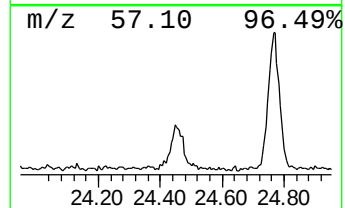
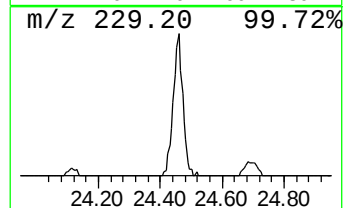
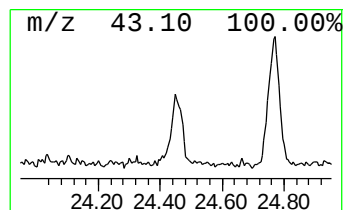
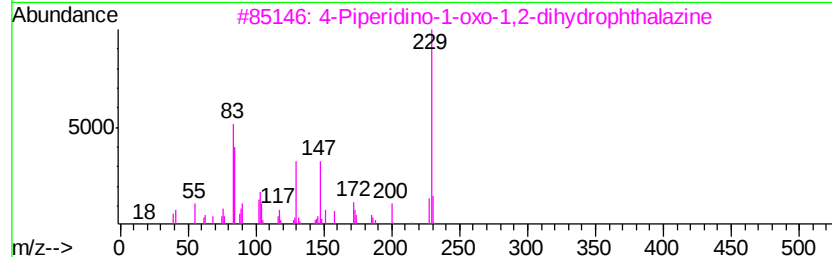
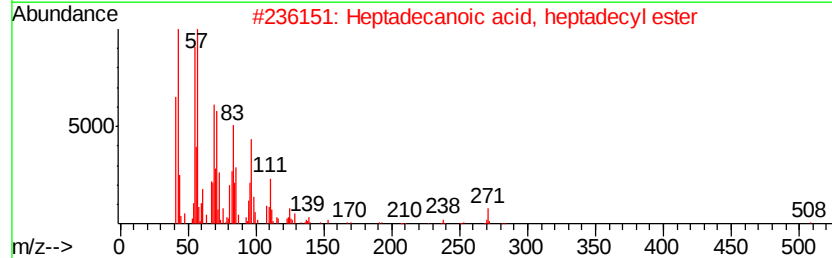
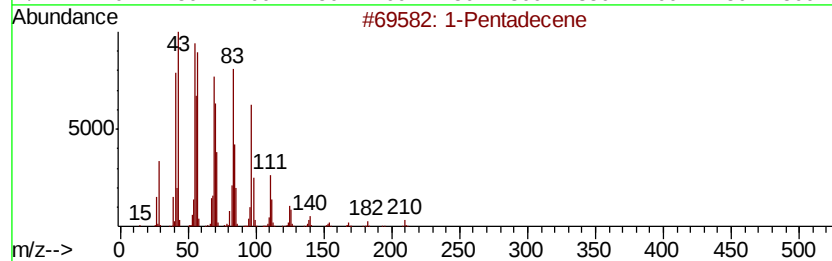
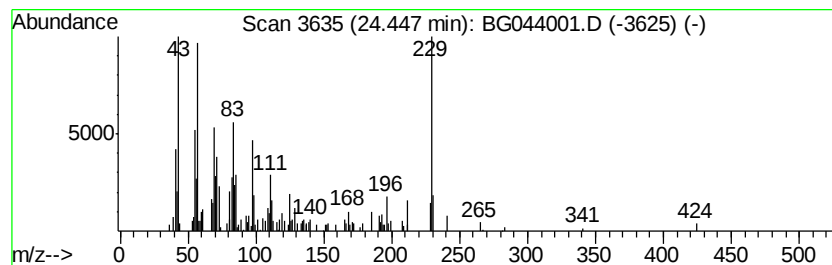
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ClientSampleId :
SOIL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Pentadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.45	2.20 ng	171348	Perylene-d12	24.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Pentadecene		210 C15H30	013360-61-7 52
2	Heptadecanoic acid, heptadecyl e...		509 C34H68O2	036617-50-2 45
3	4-Piperidino-1-oxo-1,2-dihydroph...		229 C13H15N3O	078755-15-4 43
4	Isobutyl tetradecyl carbonate		314 C19H38O3	959275-58-2 43
5	Heptadecyl heptafluorobutyrate		452 C21H35F7O2	959085-66-6 42



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044001.D
Acq On : 10 Jan 2020 14:17
Operator : JU
Sample : L1064-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-A

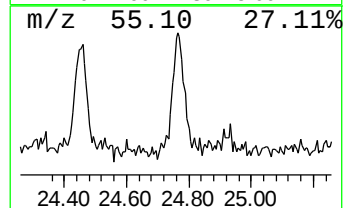
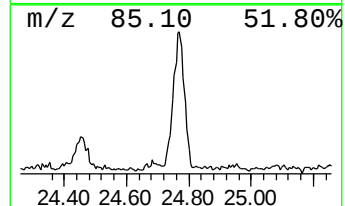
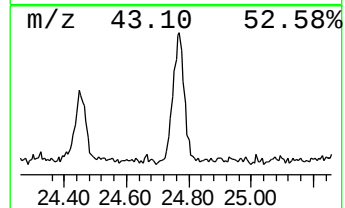
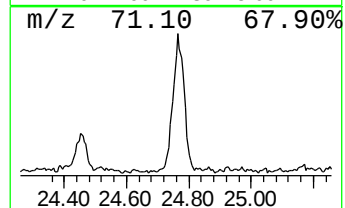
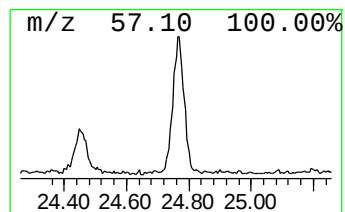
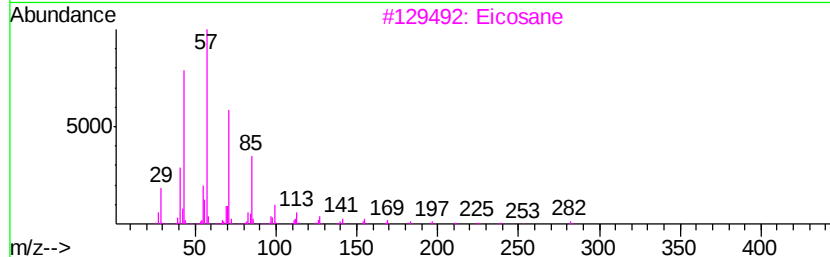
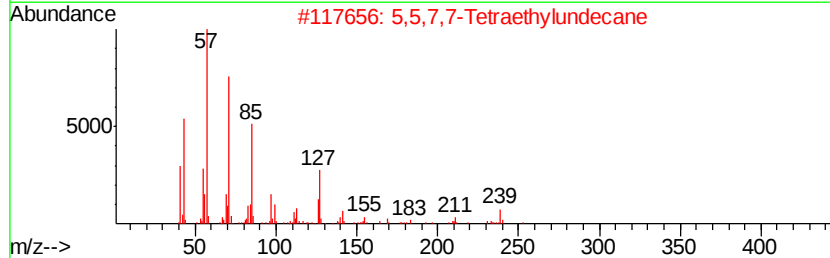
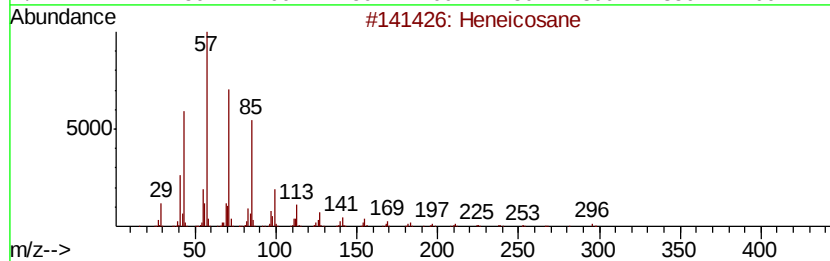
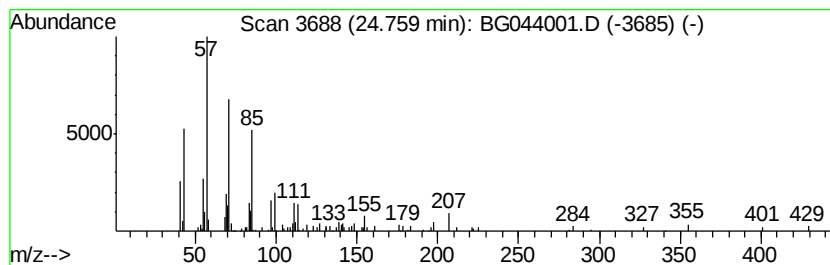
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5,5,7,7-Tetraethylundecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	2.34 ng	182049	Perylene-d12	24.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	86
3		Eicosane	282	C20H42	000112-95-8	74
4		Hexacosane	366	C26H54	000630-01-3	68
5		Tetratetracontane	619	C44H90	007098-22-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011020\
 Data File : BG044001.D
 Acq On : 10 Jan 2020 14:17
 Operator : JU
 Sample : L1064-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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
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2-Pentanone, 4-hy...	5.06	21.0	ng	658370	1	7.95	625743	20.0
unknown7.48	7.48	111.9	ng	3501570	1	7.95	625743	20.0
Pentafluoropropio...	21.25	7.1	ng	558646	5	21.57	1572180	20.0
Eicosane	22.39	2.0	ng	161424	5	21.57	1572180	20.0
Heneicosane	23.06	2.1	ng	163163	5	21.57	1572180	20.0
Squalene	23.24	36.0	ng	2800970	6	24.69	1555040	20.0
Hexacosane	23.85	2.4	ng	183112	6	24.69	1555040	20.0
1-Pentadecene	24.45	2.2	ng	171348	6	24.69	1555040	20.0
5,5,7,7-Tetraethy...	24.76	2.3	ng	182049	6	24.69	1555040	20.0