

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039805.D
 Acq On : 7 Mar 2019 16:50
 Operator : JU/SJ
 Sample : K1780-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-B

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-BG030419.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	3.206	15	20	29	rBV	63263	111272	3.57%	0.630%
2	3.282	29	33	39	rVB	35944	52539	1.69%	0.297%
3	5.696	437	444	456	rVB	736617	1168665	37.49%	6.613%
4	7.300	709	717	730	rBV	817739	1410414	45.24%	7.981%
5	7.682	774	782	795	rBV	735718	1256558	40.31%	7.110%
6	8.152	856	862	872	rBV	154601	266297	8.54%	1.507%
7	8.475	910	917	926	rVB	497198	887258	28.46%	5.020%
8	9.333	1055	1063	1072	rBV	462370	811511	26.03%	4.592%
9	10.978	1335	1343	1351	rBV	227422	411402	13.20%	2.328%
10	13.404	1749	1756	1763	rBV	1345976	2087294	66.95%	11.811%
11	14.220	1889	1895	1902	rBV	79514	112543	3.61%	0.637%
12	14.778	1984	1990	1998	rVB2	398312	647023	20.75%	3.661%
13	16.264	2237	2243	2258	rBV	1093217	1690470	54.22%	9.565%
14	17.522	2451	2457	2468	rBV2	538462	843114	27.04%	4.771%
15	18.373	2597	2602	2612	rBV2	72938	119594	3.84%	0.677%
16	19.636	2813	2817	2825	rBV4	23965	37496	1.20%	0.212%
17	20.118	2893	2899	2906	rBV	2447627	3117583	100.00%	17.640%
18	21.399	3113	3117	3130	rBV2	93576	195349	6.27%	1.105%
19	21.810	3180	3187	3194	rBV	558958	923960	29.64%	5.228%
20	21.957	3207	3212	3216	rBV2	24115	35825	1.15%	0.203%
21	22.585	3313	3319	3323	rBV	35918	57810	1.85%	0.327%
22	23.302	3434	3441	3449	rBV2	52374	98845	3.17%	0.559%
23	23.502	3469	3475	3481	rVB2	29877	53556	1.72%	0.303%
24	24.130	3576	3582	3591	rVB2	48580	106731	3.42%	0.604%
25	25.176	3741	3760	3779	rVB2	297029	1005999	32.27%	5.692%
26	26.304	3941	3952	3963	rVB3	36712	117830	3.78%	0.667%
27	27.725	4187	4194	4203	rVB5	14256	46257	1.48%	0.262%

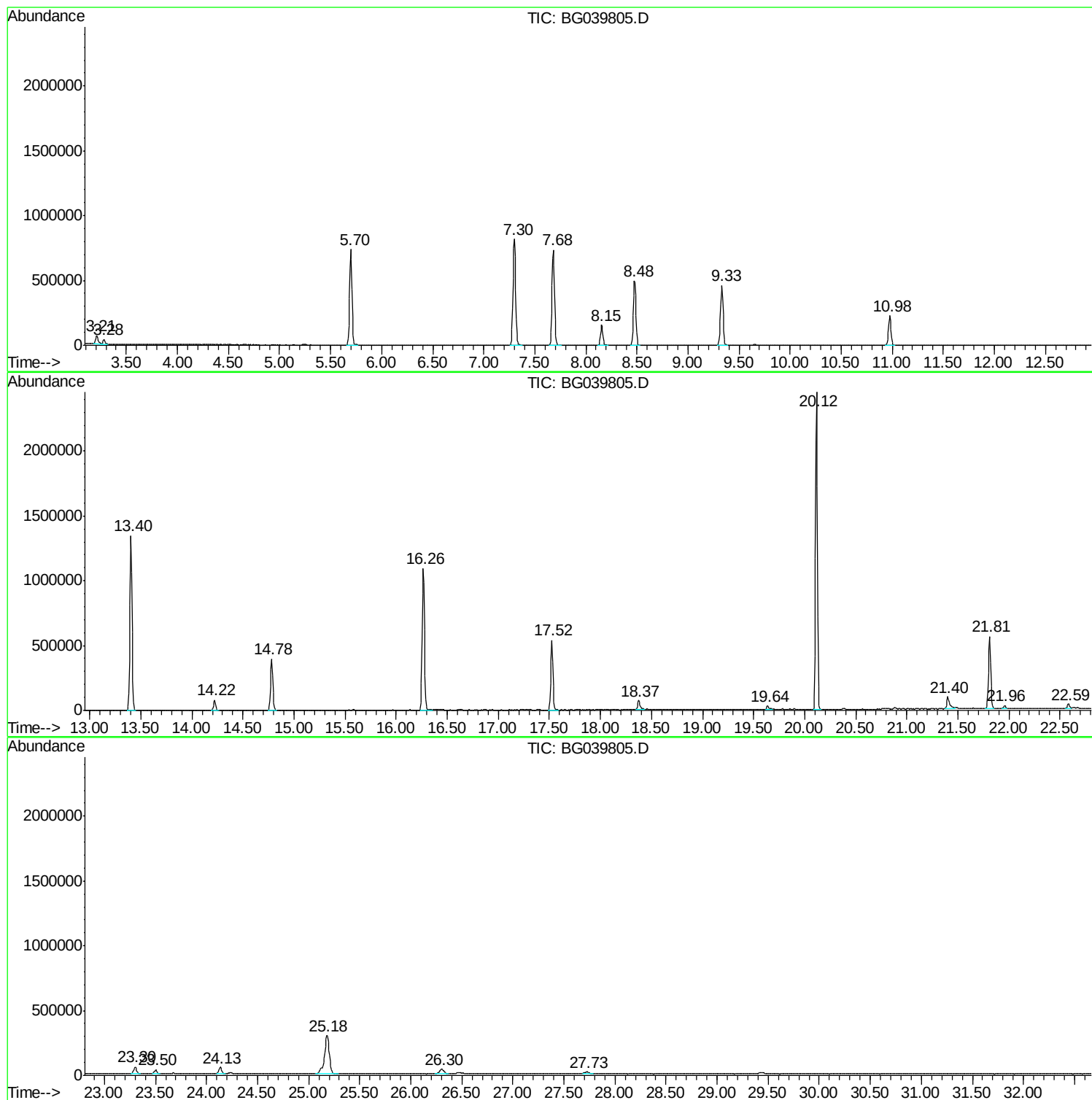
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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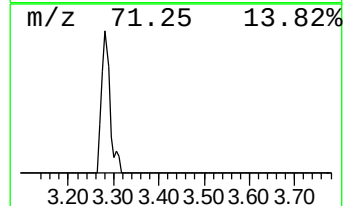
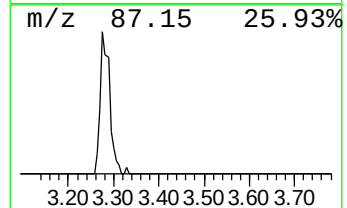
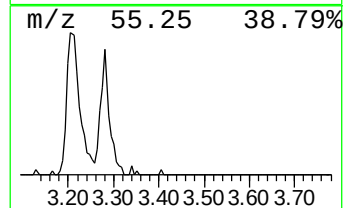
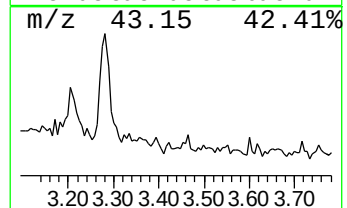
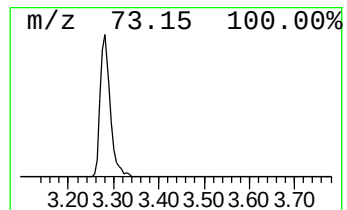
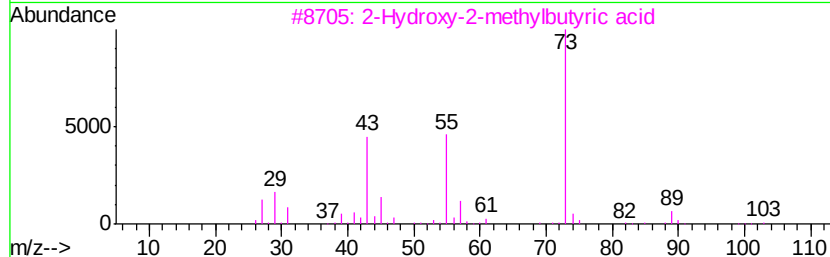
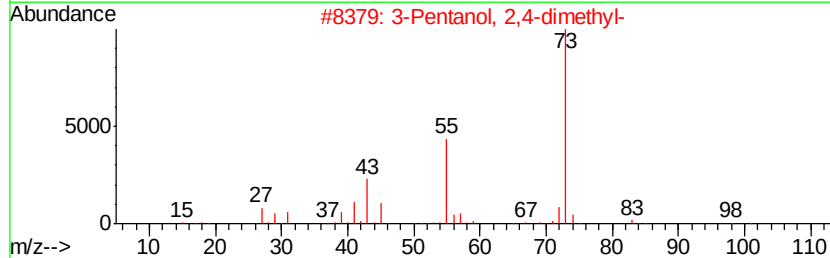
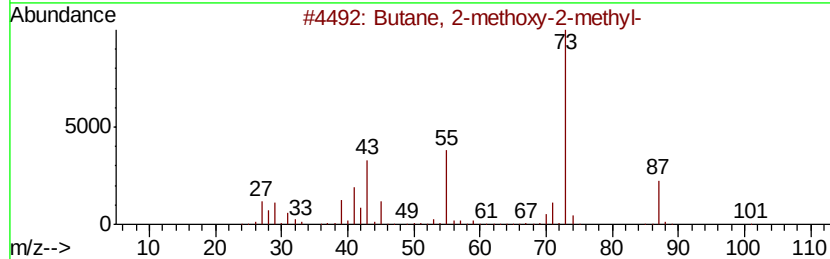
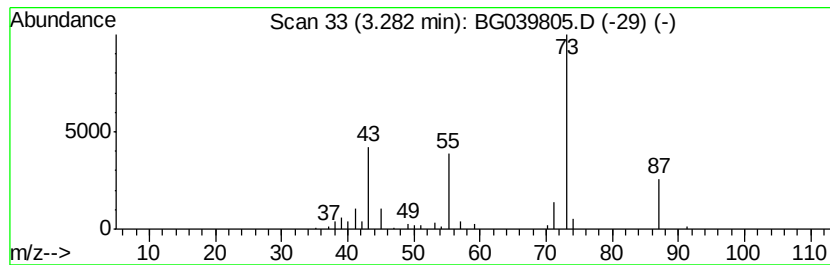
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	3.95 ng	52539	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	28
3			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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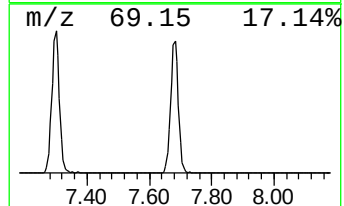
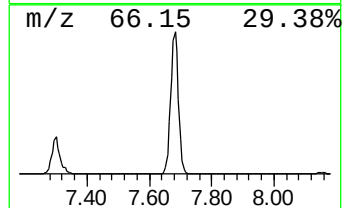
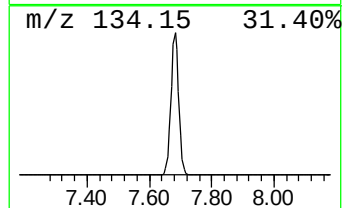
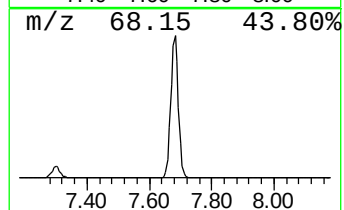
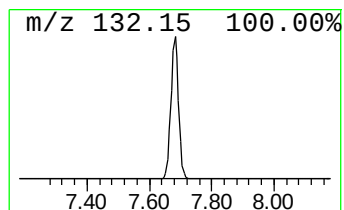
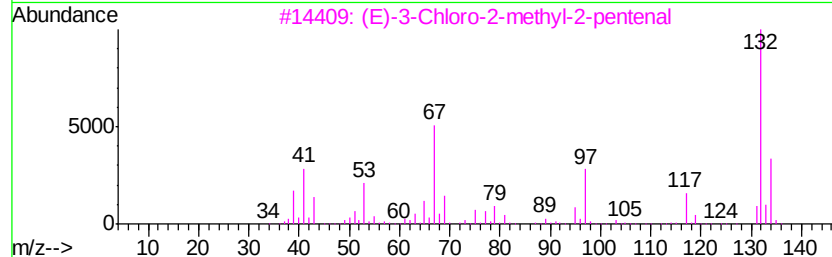
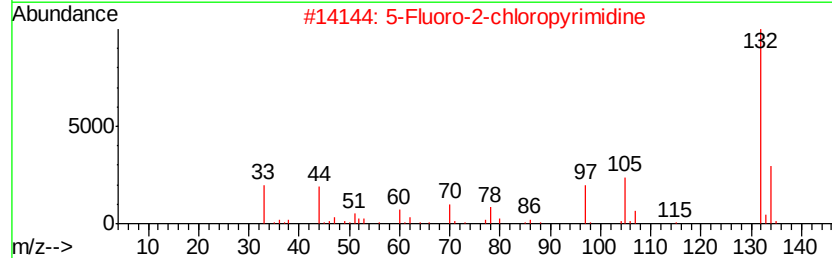
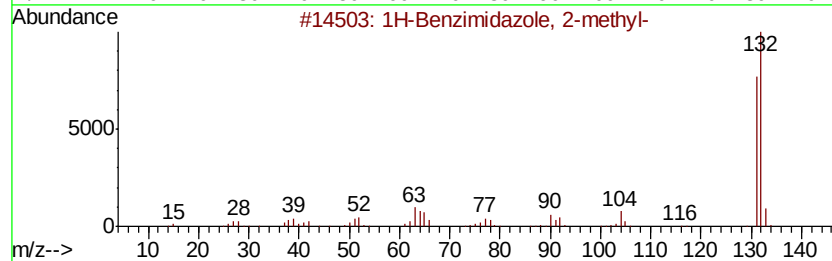
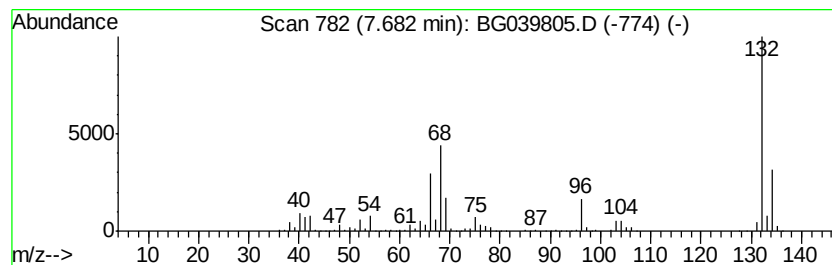
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Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	94.37 ng	1256560	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	12
5		N-(3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10



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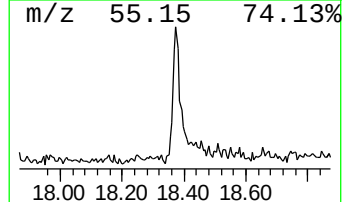
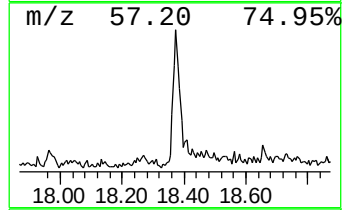
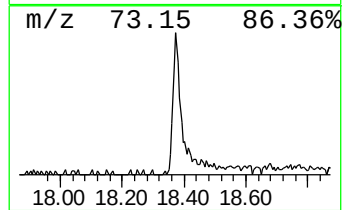
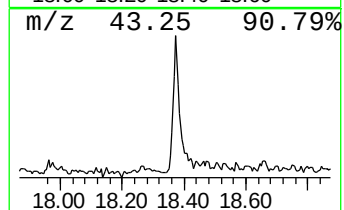
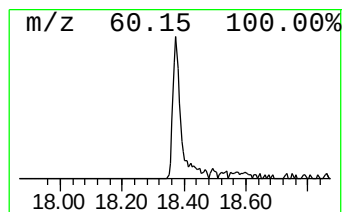
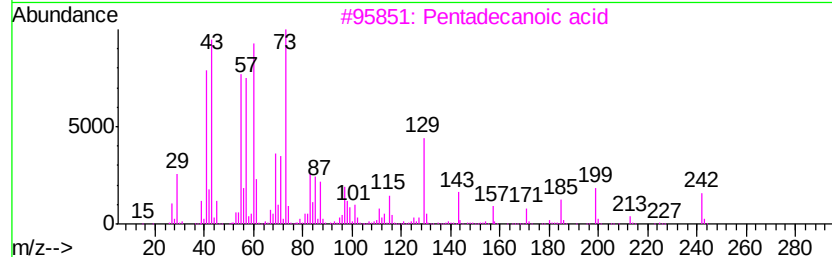
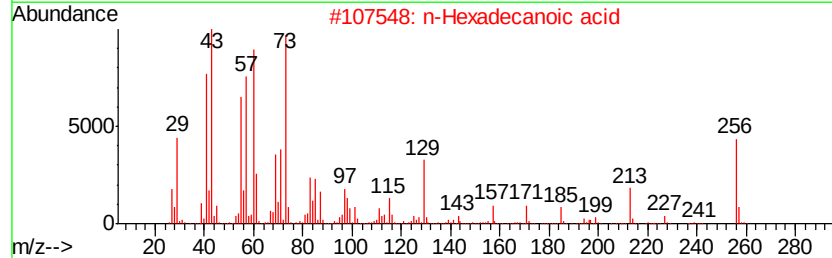
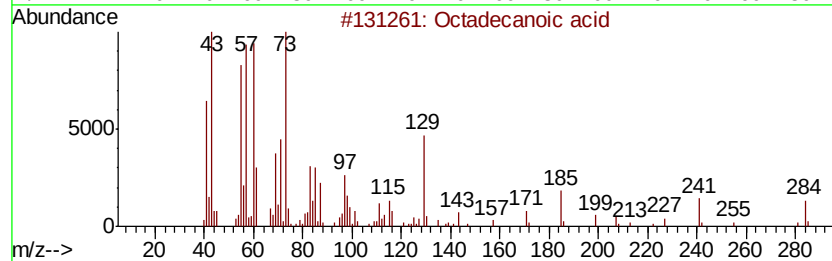
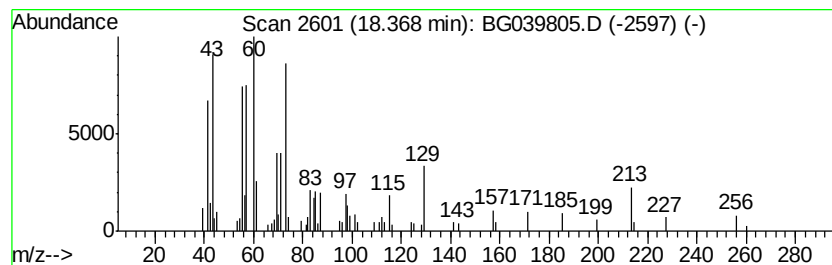
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.37	2.84 ng	119594	Phenanthrene-d10		17.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53



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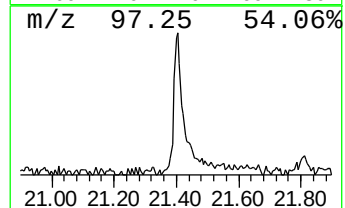
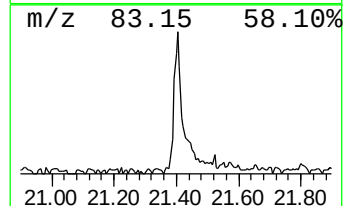
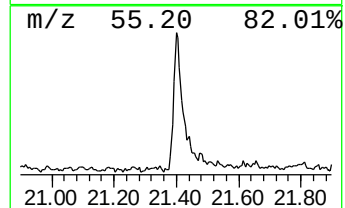
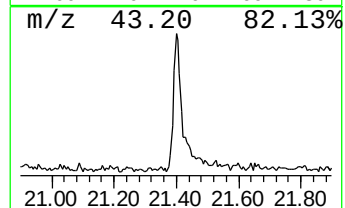
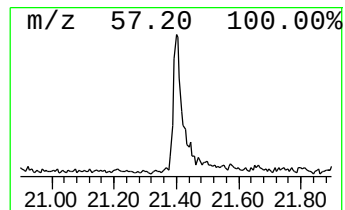
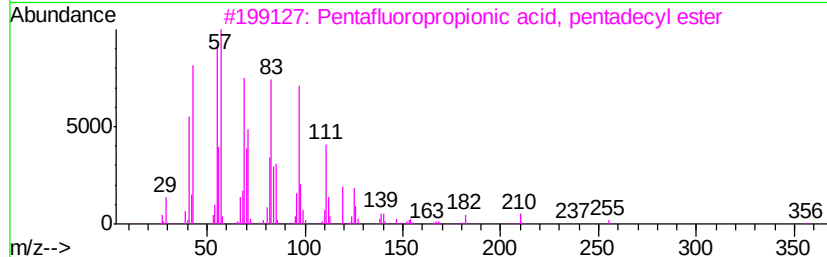
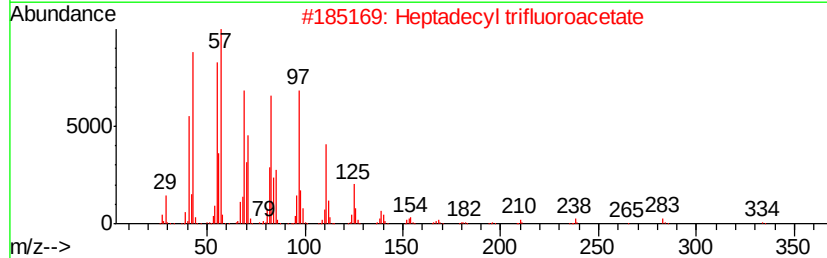
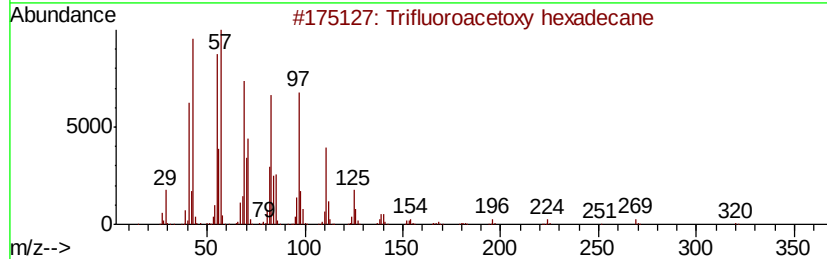
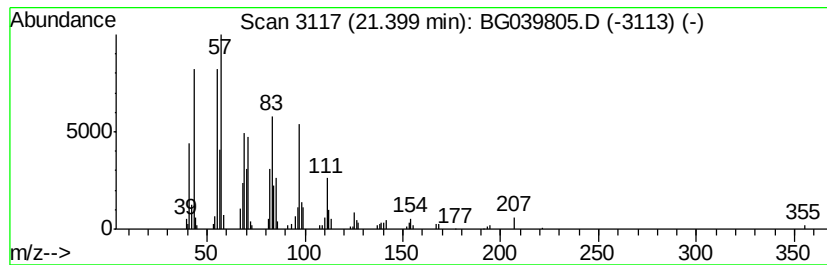
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Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	4.23 ng	195349	Chrysene-d12	21.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



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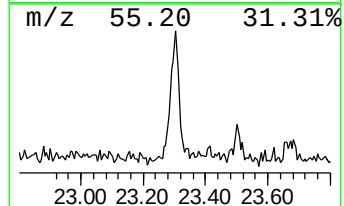
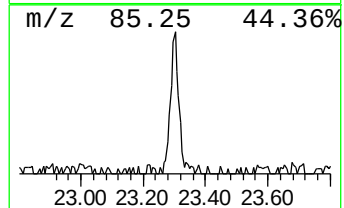
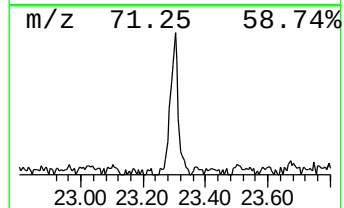
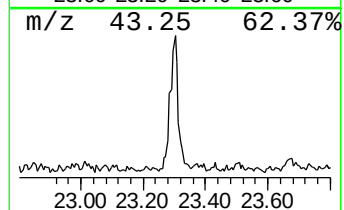
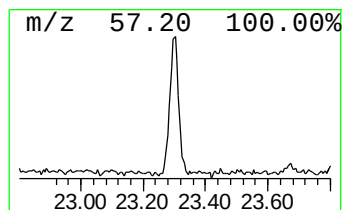
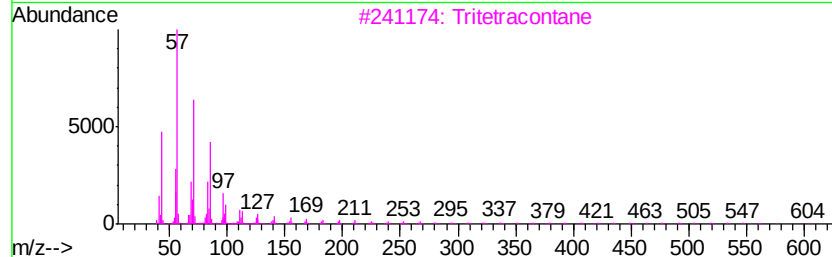
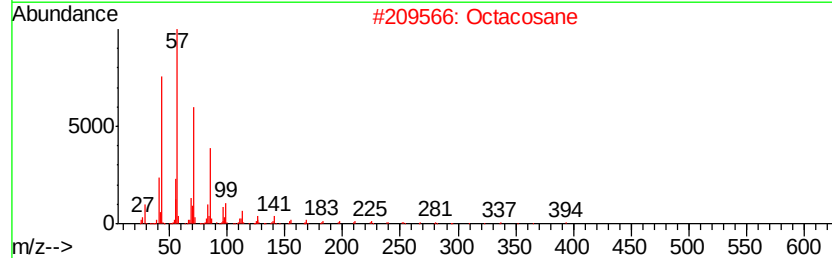
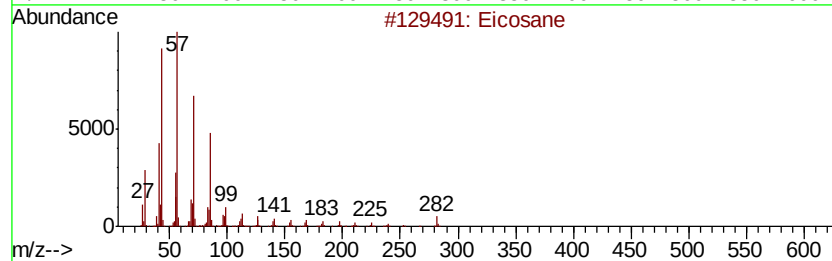
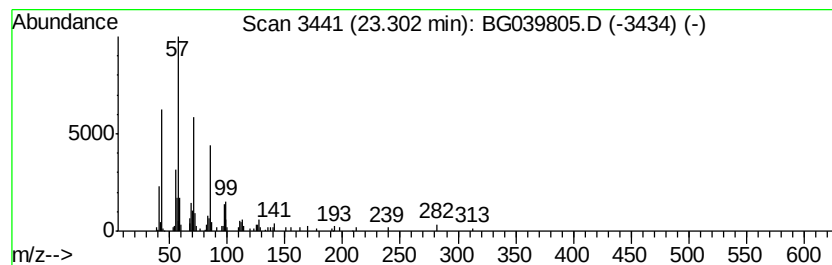
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TIC Library : C:\Database\NIST11.L
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Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	2.14 ng	98845	Chrysene-d12	21.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Octacosane		394	C28H58	000630-02-4	87
3	Tritetracontane		605	C43H88	007098-21-7	83
4	Tetratetracontane		619	C44H90	007098-22-8	83
5	Heneicosane		296	C21H44	000629-94-7	80



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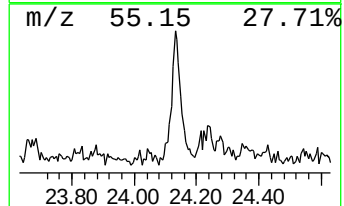
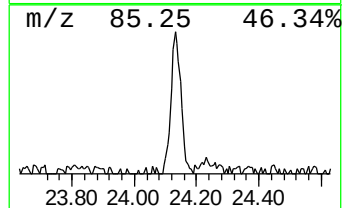
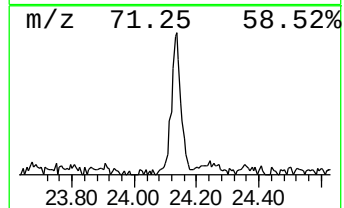
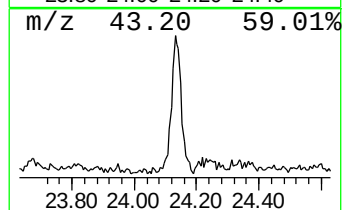
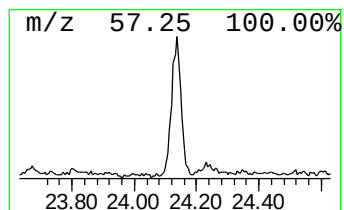
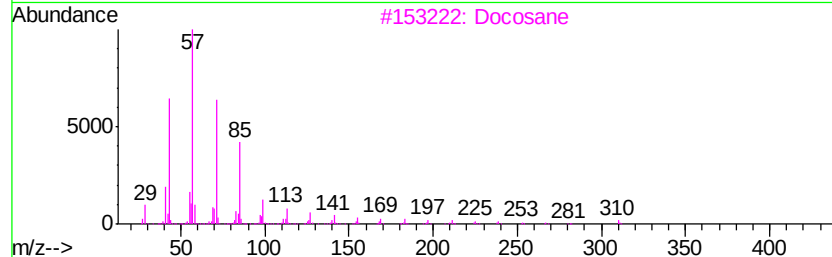
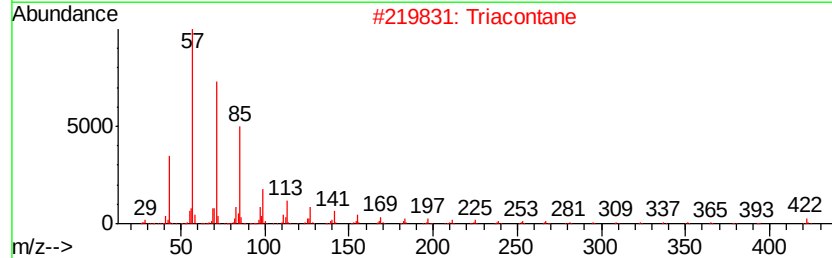
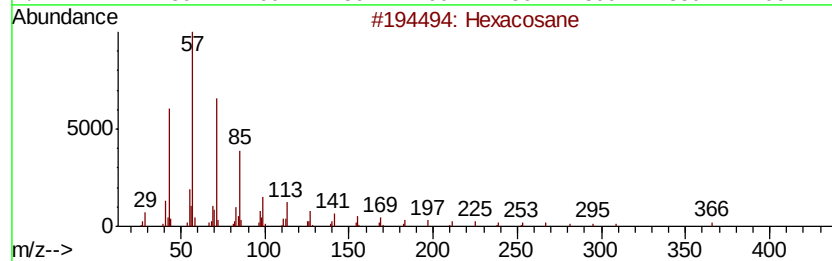
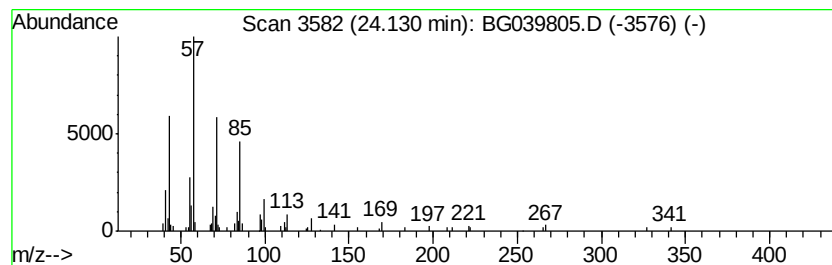
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.12 ng	106731	Perylene-d12	25.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	86
2		triacontane	422	C30H62	000638-68-6	86
3		docosane	310	C22H46	000629-97-0	86
4		tetracosane	338	C24H50	000646-31-1	83
5		octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
Data File : BG039805.D
Acq On : 7 Mar 2019 16:50
Operator : JU/SJ
Sample : K1780-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-B

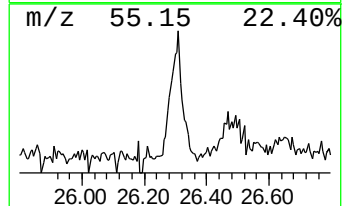
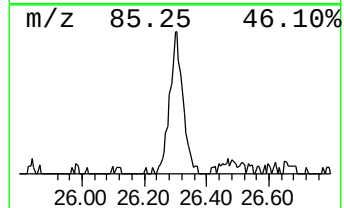
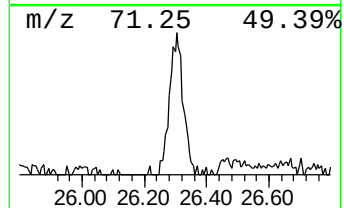
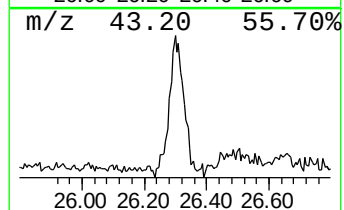
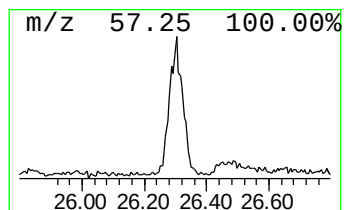
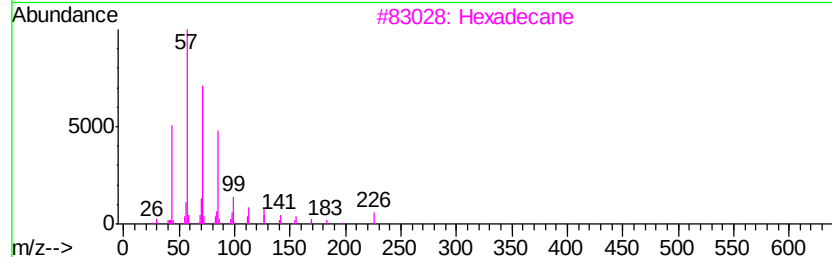
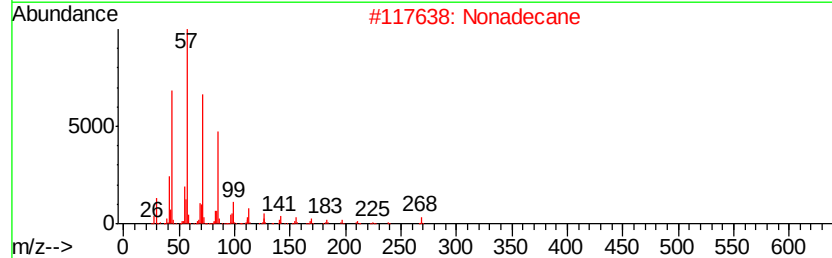
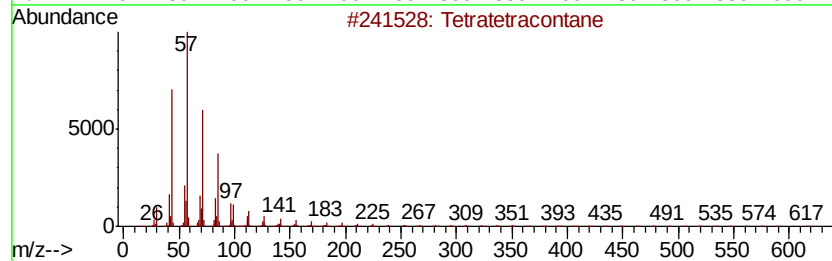
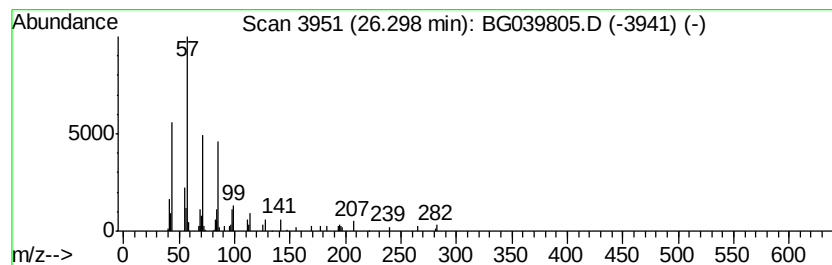
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.30	2.34 ng	117830	Perylene-d12	25.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Nonadecane	268	C19H40	000629-92-5	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Heptadecane	240	C17H36	000629-78-7	80
5		Docosane	310	C22H46	000629-97-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030719\
Data File : BG039805.D
Acq On : 7 Mar 2019 16:50
Operator : JU/SJ
Sample : K1780-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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...	3.28	4.0	ng	52539	1	8.15	266297	20.0
unknown7.68	7.68	94.4	ng	1256560	1	8.15	266297	20.0
Octadecanoic acid	18.37	2.8	ng	119594	4	17.52	843114	20.0
Trifluoroacetoxy ...	21.40	4.2	ng	195349	5	21.81	923960	20.0
Eicosane	23.30	2.1	ng	98845	5	21.81	923960	20.0
Hexacosane	24.13	2.1	ng	106731	6	25.18	1006000	20.0
Tetratetracontane	26.30	2.3	ng	117830	6	25.18	1006000	20.0