

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039544.D
 Acq On : 18 Feb 2019 18:06
 Operator : JU/SJ
 Sample : K1514-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-004-CLEARBROOK-PILE-1

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-BG012919.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	3.220	16	22	31	rBV	81431	151207	3.82%	0.633%
2	3.297	31	35	42	rVB2	41290	57773	1.46%	0.242%
3	5.247	361	367	376	rVB	58113	93820	2.37%	0.393%
4	5.711	439	446	461	rBV	957563	1548926	39.13%	6.489%
5	7.315	712	719	736	rVB	1067167	1881440	47.53%	7.882%
6	7.697	776	784	792	rBV	947010	1650515	41.69%	6.915%
7	8.167	858	864	874	rBV	181604	316869	8.00%	1.328%
8	8.490	912	919	928	rBV	641001	1128443	28.51%	4.728%
9	9.347	1054	1065	1077	rBV	589221	1072633	27.10%	4.494%
10	10.992	1337	1345	1353	rVB	275716	494942	12.50%	2.074%
11	13.418	1749	1758	1767	rBV	1576077	2496630	63.07%	10.460%
12	14.235	1891	1897	1903	rBV	89539	135802	3.43%	0.569%
13	14.793	1985	1992	2000	rBV2	461645	760091	19.20%	3.184%
14	16.279	2236	2245	2261	rBV	1377591	2188175	55.27%	9.167%
15	17.536	2452	2459	2470	rBV	677454	1026532	25.93%	4.301%
16	18.388	2598	2604	2617	rBV2	111668	193884	4.90%	0.812%
17	19.651	2813	2819	2829	rBV2	43167	79307	2.00%	0.332%
18	20.127	2894	2900	2910	rBV	2912097	3958720	100.00%	16.585%
19	20.896	3026	3031	3035	rBV	38489	49112	1.24%	0.206%
20	21.419	3114	3120	3129	rBV3	78659	147773	3.73%	0.619%
21	21.825	3182	3189	3201	rBV2	680400	1161681	29.34%	4.867%
22	21.977	3210	3215	3223	rVB	118385	163190	4.12%	0.684%
23	22.606	3316	3322	3328	rBV	166783	264702	6.69%	1.109%
24	23.328	3438	3445	3453	rVB	195849	377747	9.54%	1.583%
25	24.168	3581	3588	3602	rVB2	195730	413911	10.46%	1.734%
26	25.202	3748	3764	3780	rBV2	333972	1457927	36.83%	6.108%
27	26.354	3949	3960	3972	rBV3	105822	332506	8.40%	1.393%
28	27.781	4192	4203	4217	rVB4	52430	206069	5.21%	0.863%
29	29.520	4487	4499	4503	rBV9	16063	58852	1.49%	0.247%

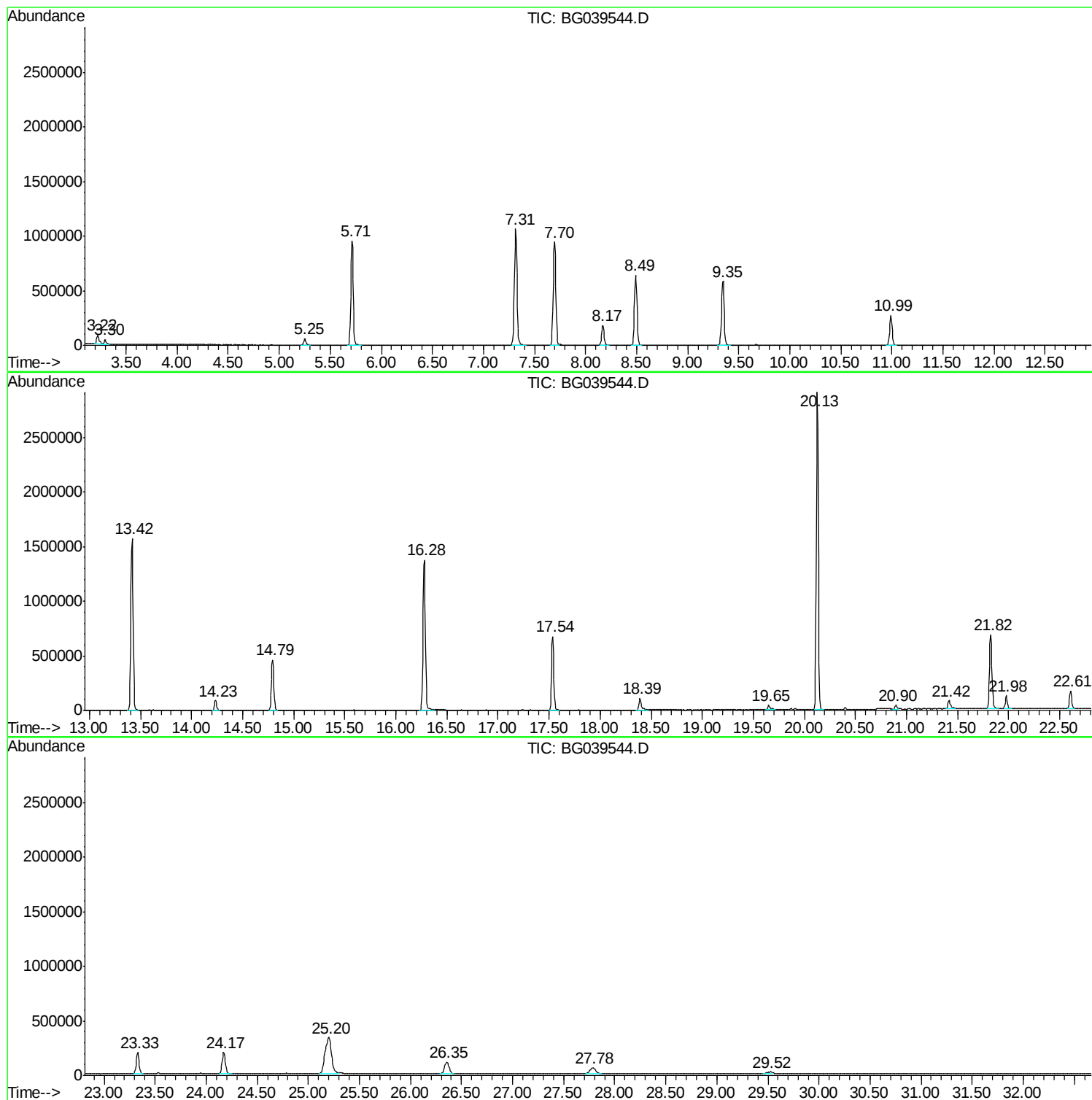
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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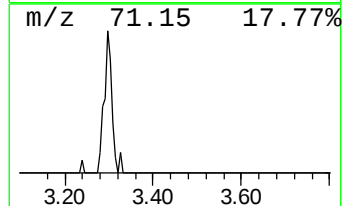
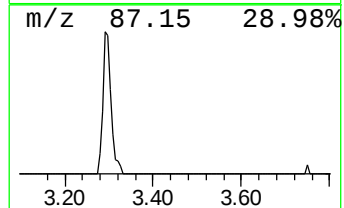
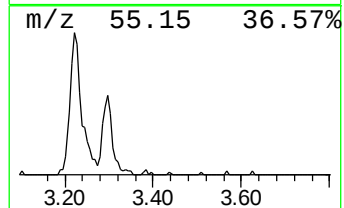
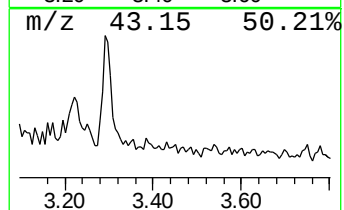
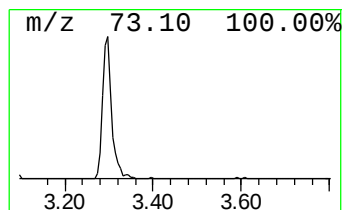
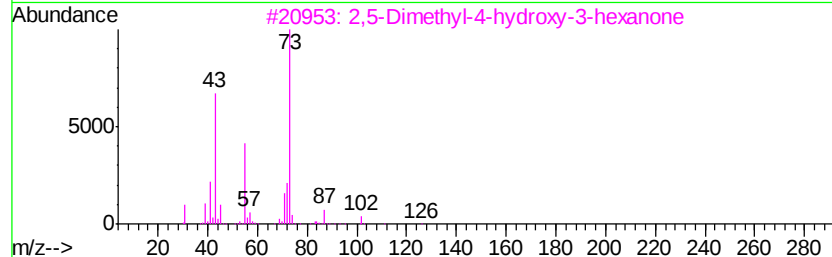
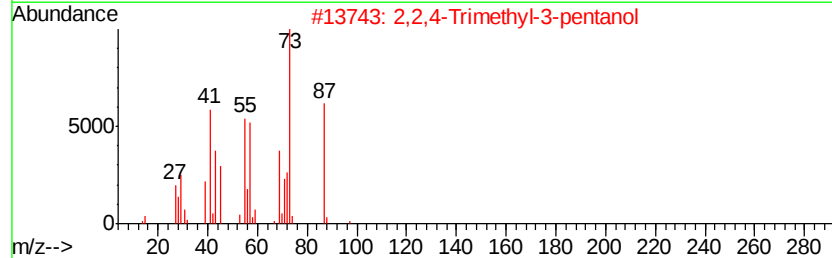
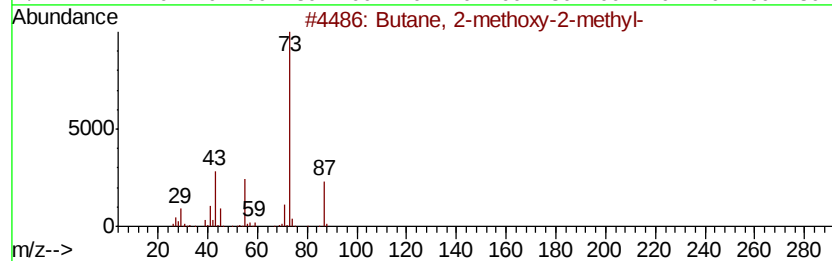
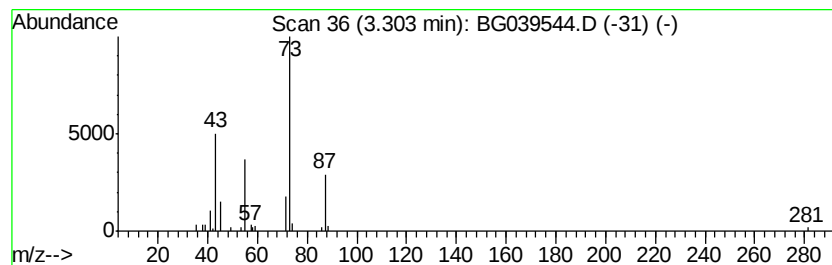
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	3.65 ng	57773	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3			2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	28
4			Butanoic acid, 2-hydroxy-2-methyl-	132	C6H12O3	032793-34-3	12
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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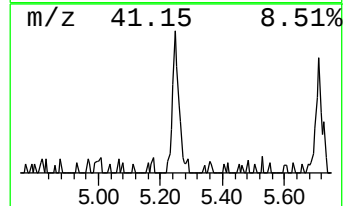
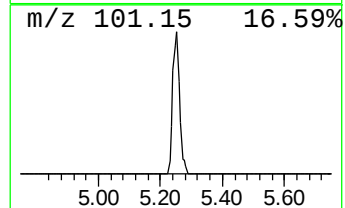
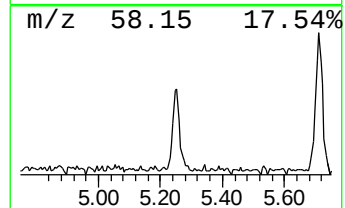
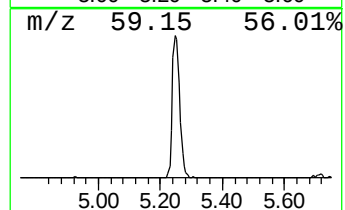
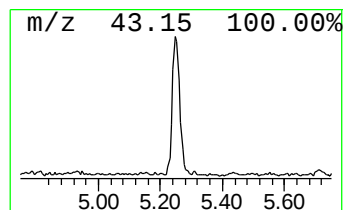
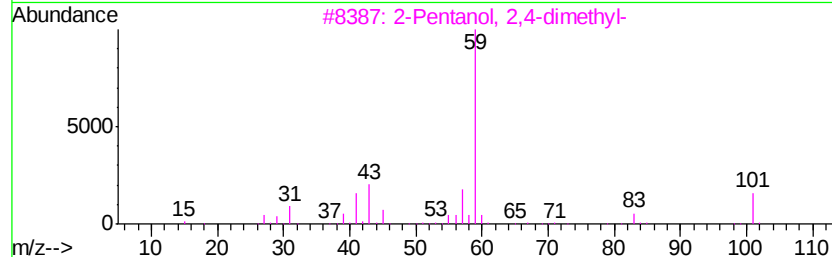
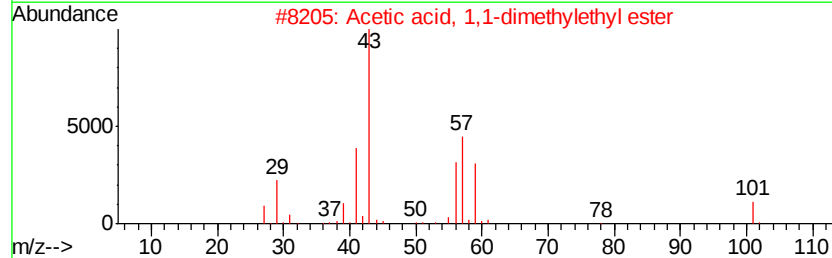
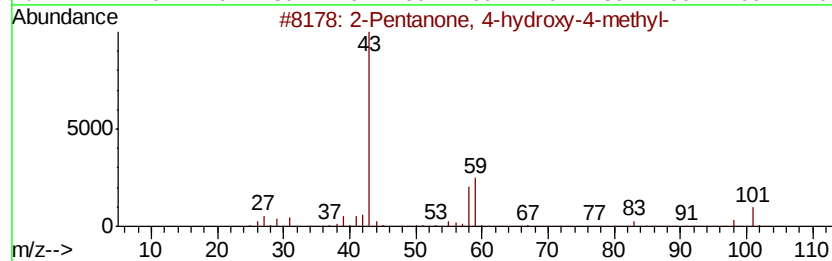
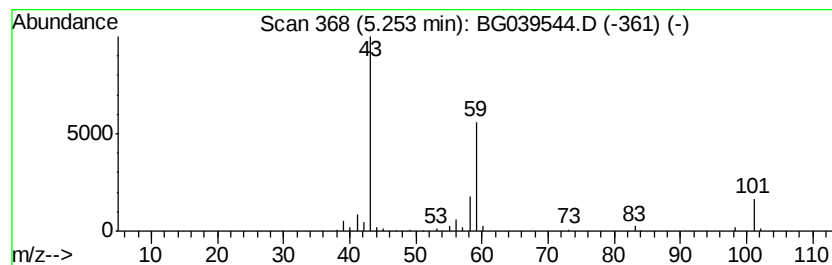
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	5.92 ng	93820	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
4		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23



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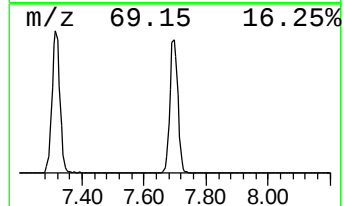
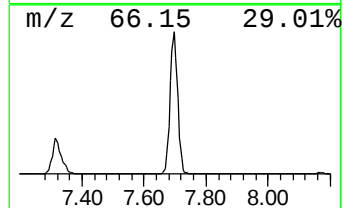
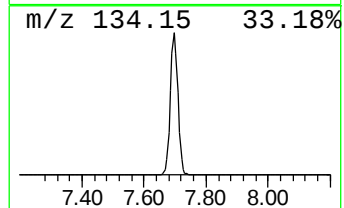
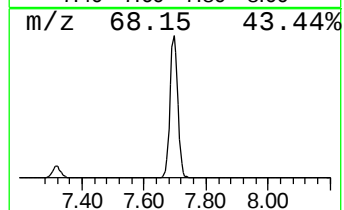
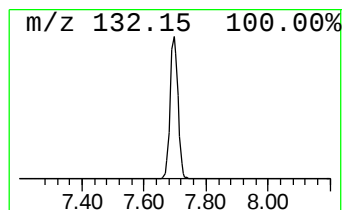
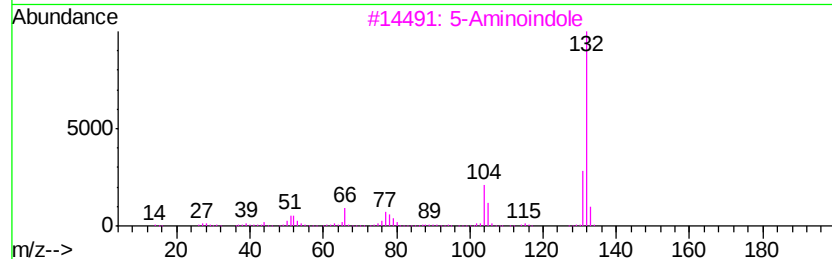
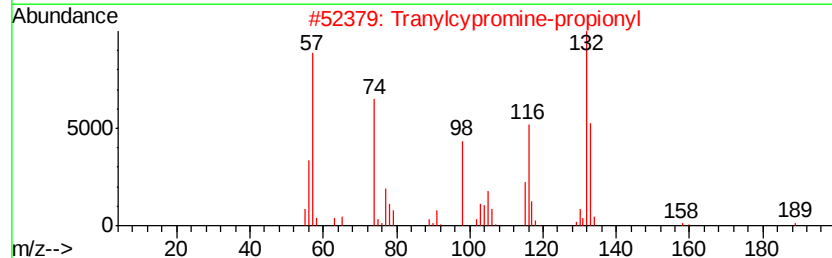
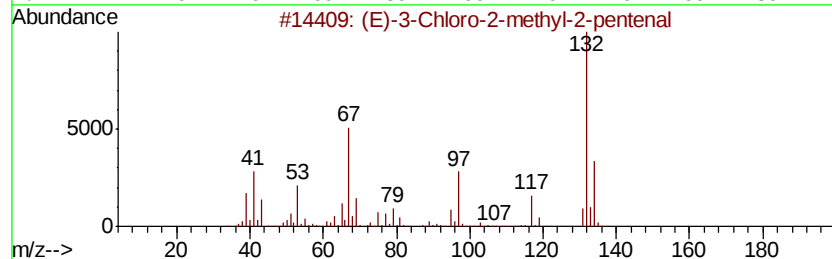
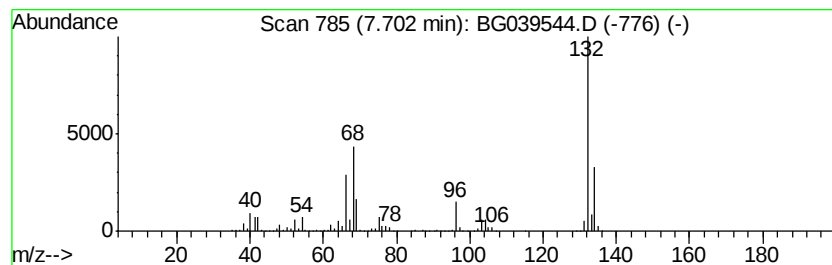
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Peak Number 4 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	104.18 ng	1650520	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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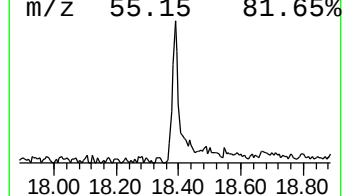
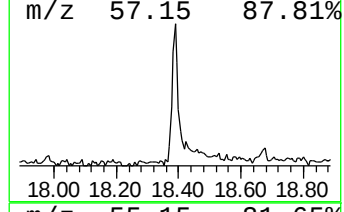
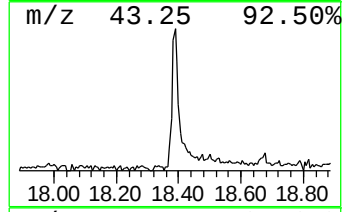
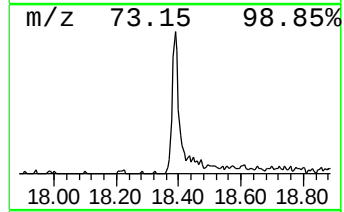
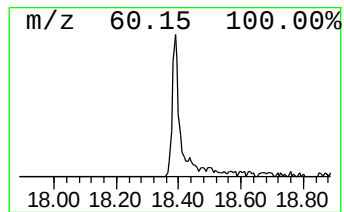
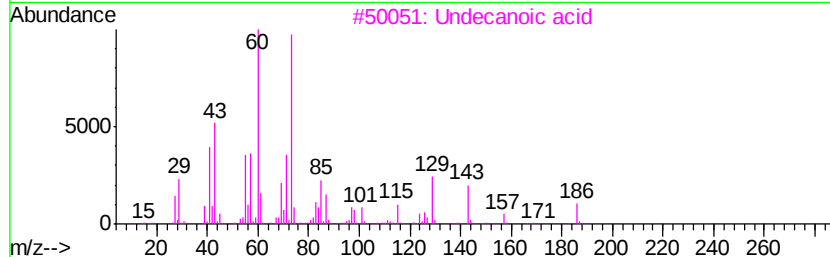
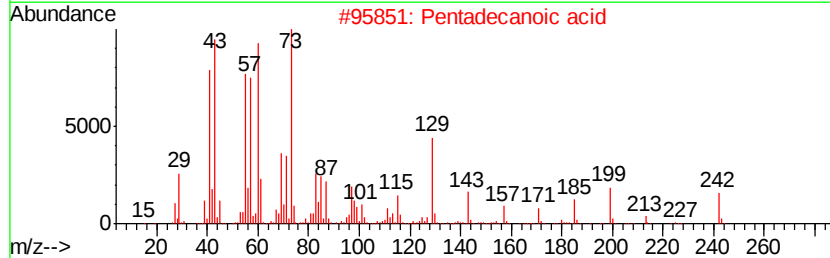
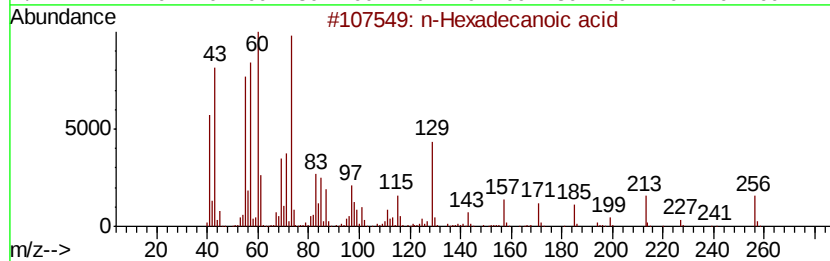
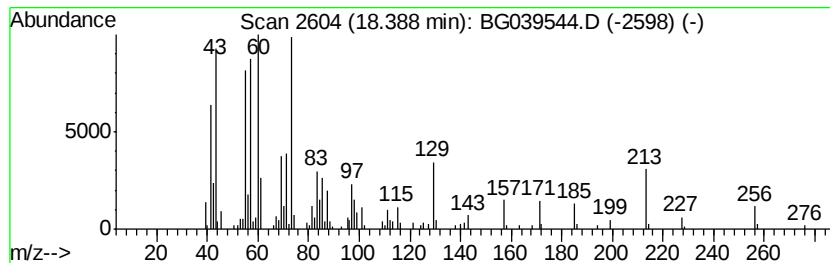
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 Peak Number 6 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.39	3.78 ng	193884	Phenanthrene-d10	17.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Undecanoic acid	186	C11H22O2	000112-37-8	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72



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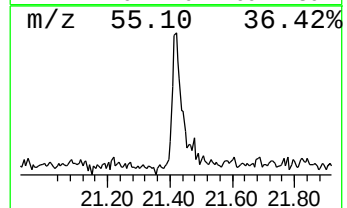
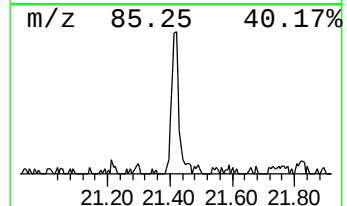
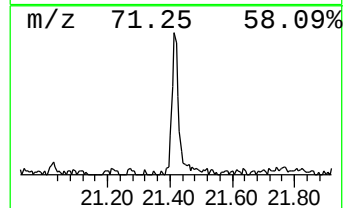
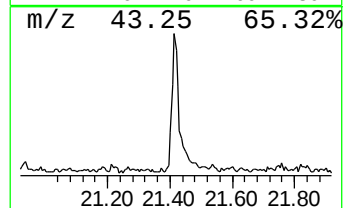
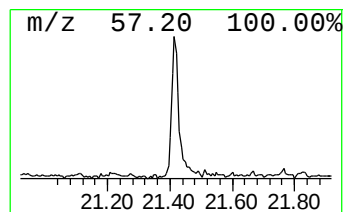
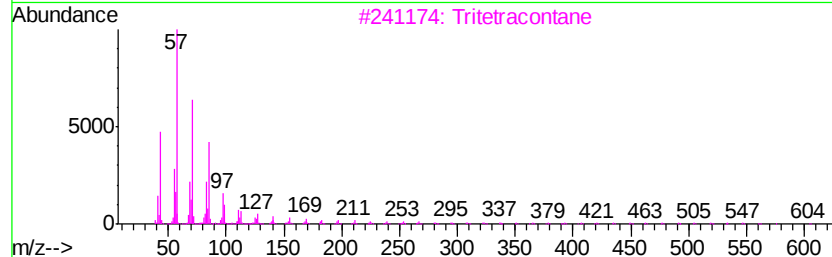
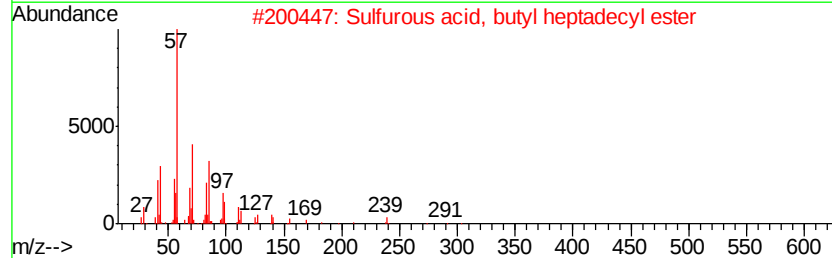
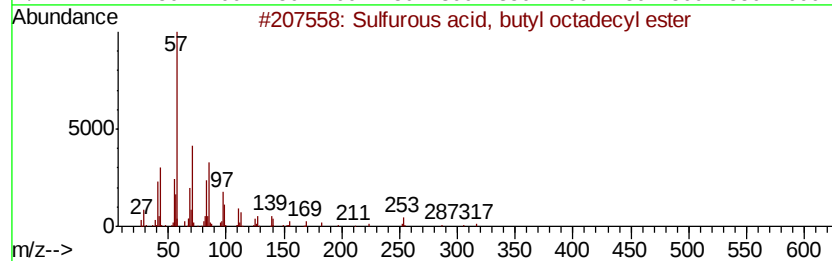
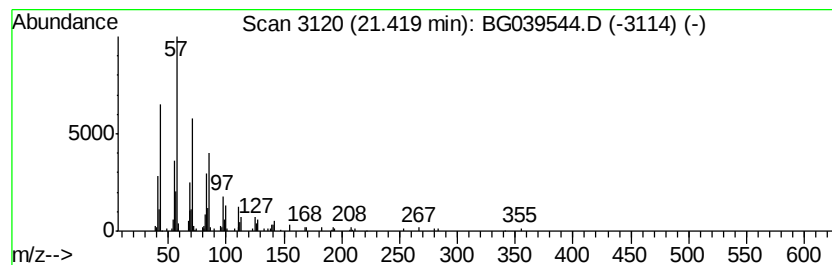
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Peak Number 7 Sulfurous acid, butyl octadecyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.42	2.54 ng	147773	Chrysene-d12	21.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	91
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	91
5	1-Chloroeicosane	316	C20H41Cl	042217-02-7	90



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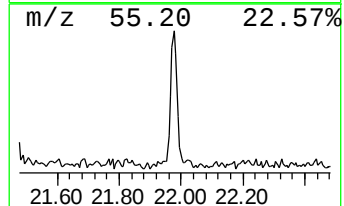
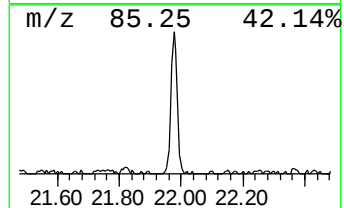
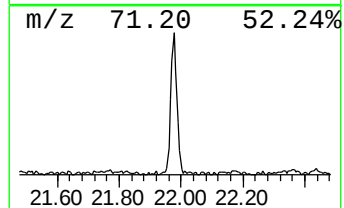
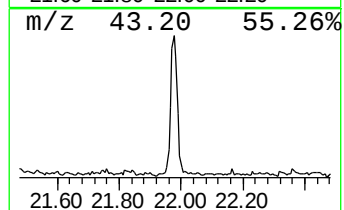
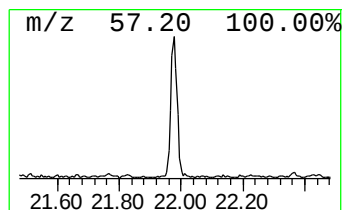
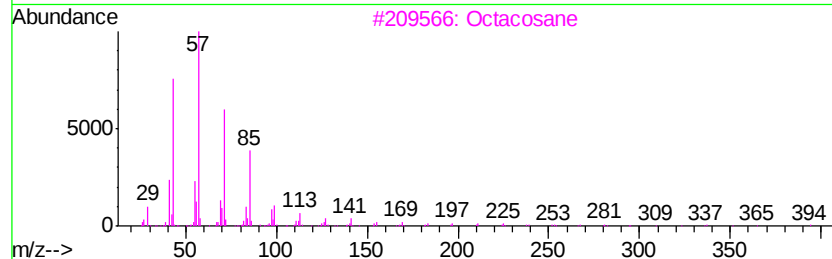
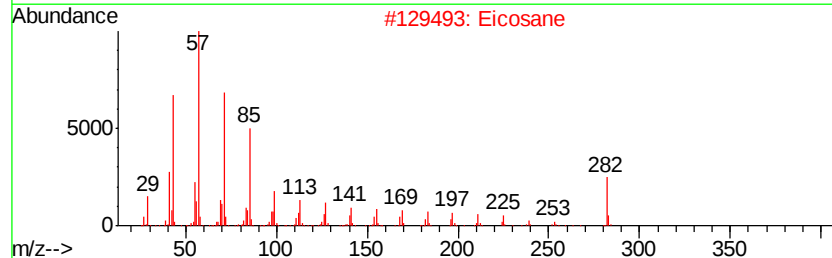
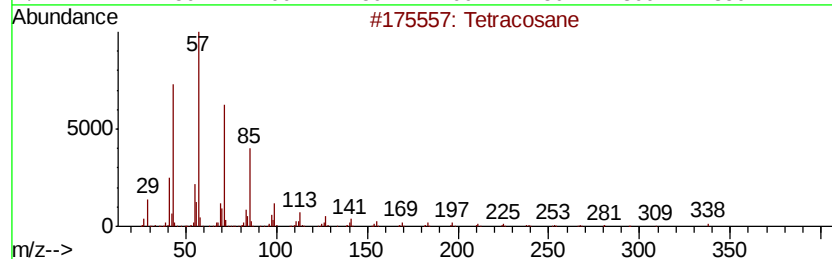
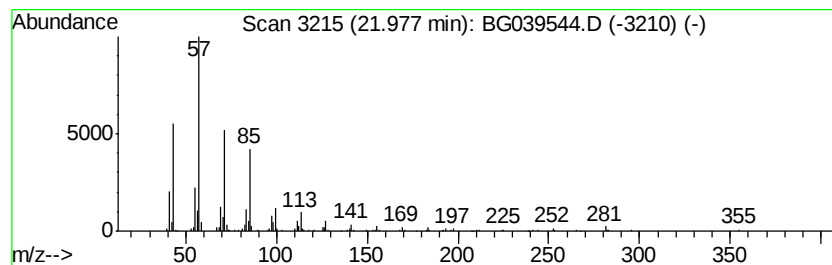
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	2.81 ng	163190	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
Data File : BG039544.D
Acq On : 18 Feb 2019 18:06
Operator : JU/SJ
Sample : K1514-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

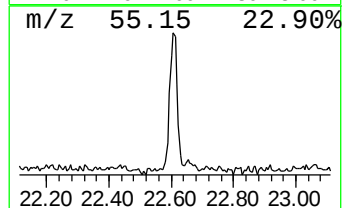
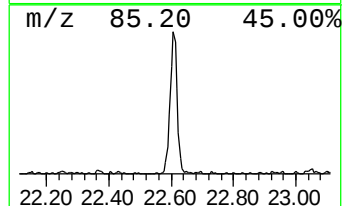
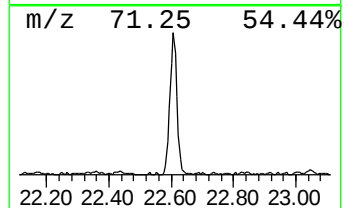
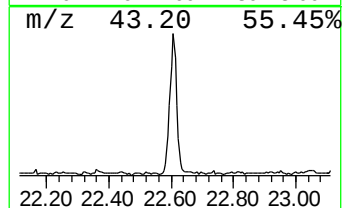
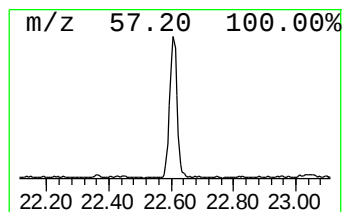
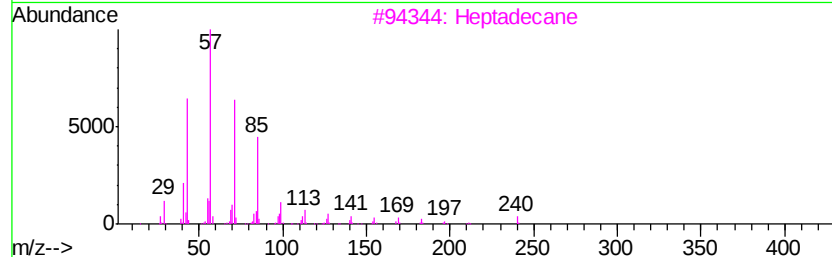
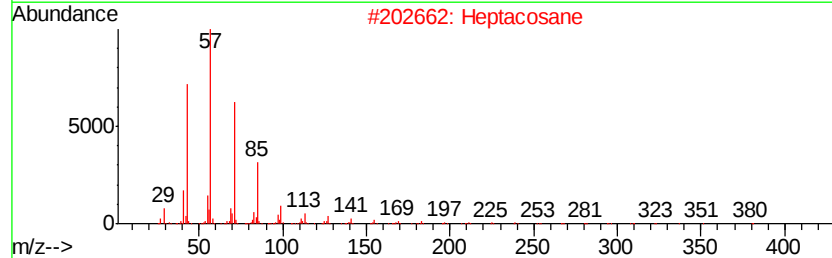
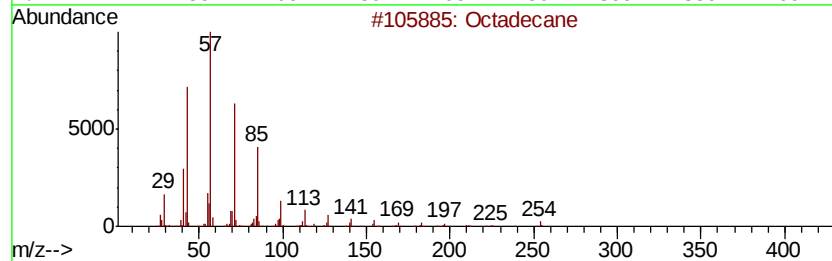
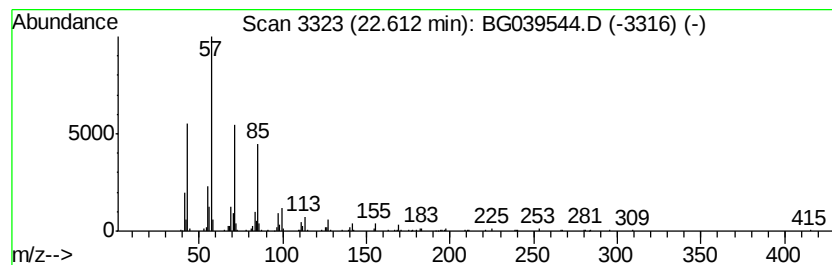
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	4.56 ng	264702	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
Data File : BG039544.D
Acq On : 18 Feb 2019 18:06
Operator : JU/SJ
Sample : K1514-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

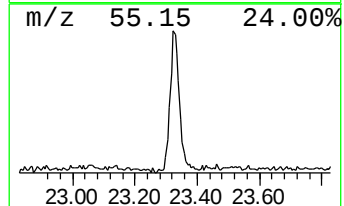
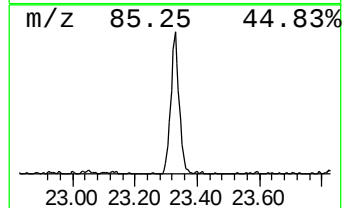
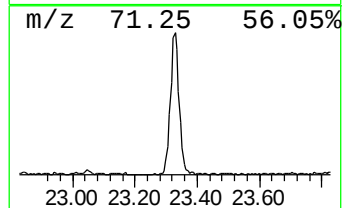
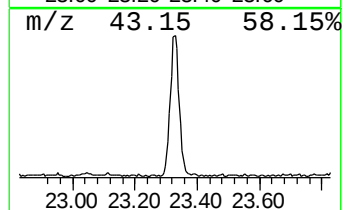
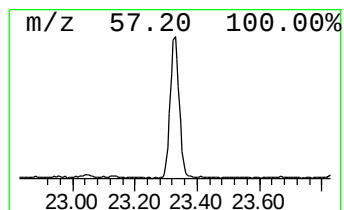
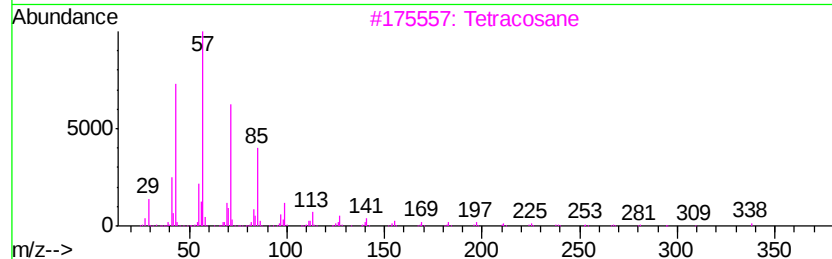
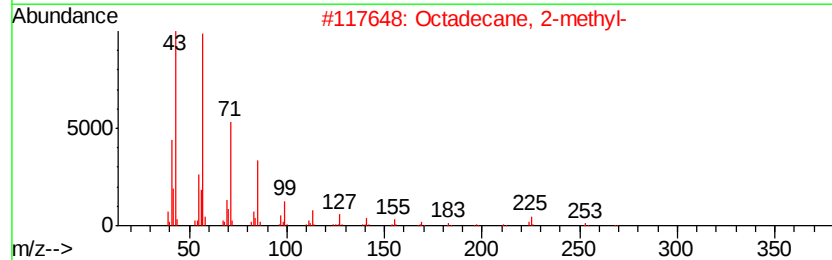
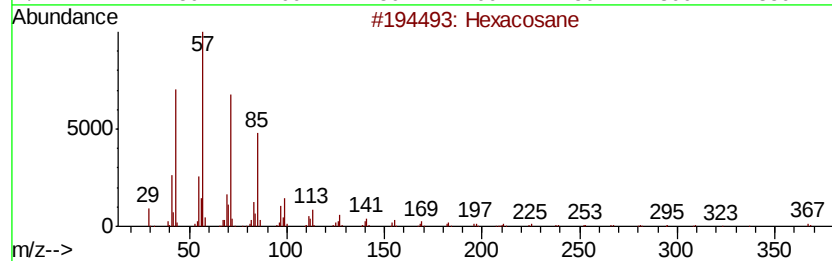
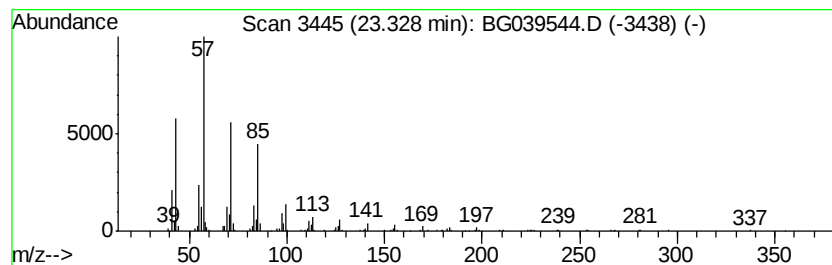
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	6.50 ng	377747	Chrysene-d12	21.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3			Tetracosane	338	C24H50	000646-31-1	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
Data File : BG039544.D
Acq On : 18 Feb 2019 18:06
Operator : JU/SJ
Sample : K1514-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

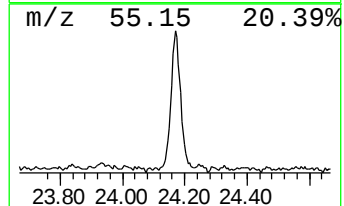
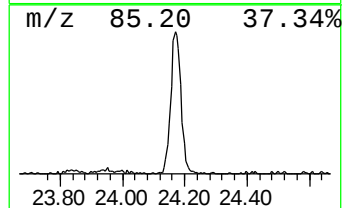
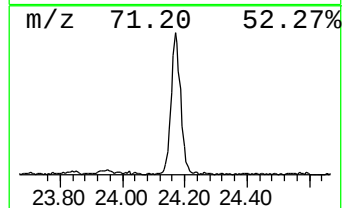
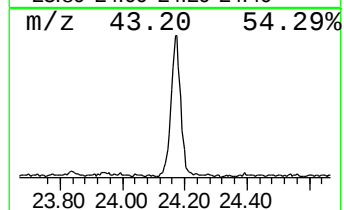
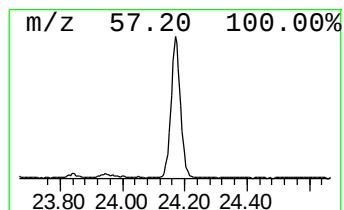
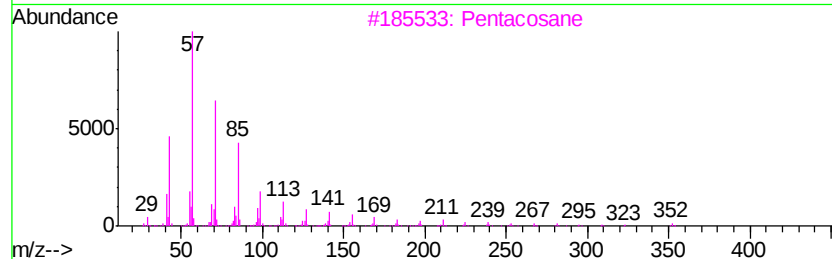
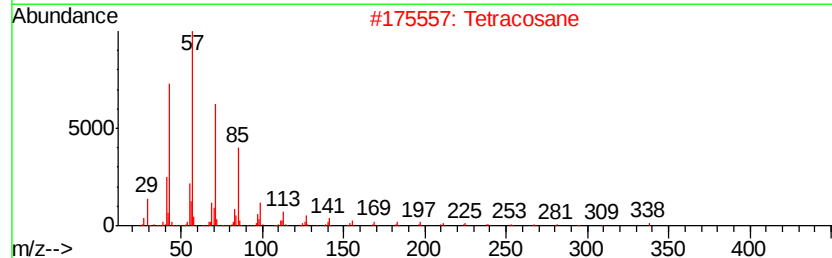
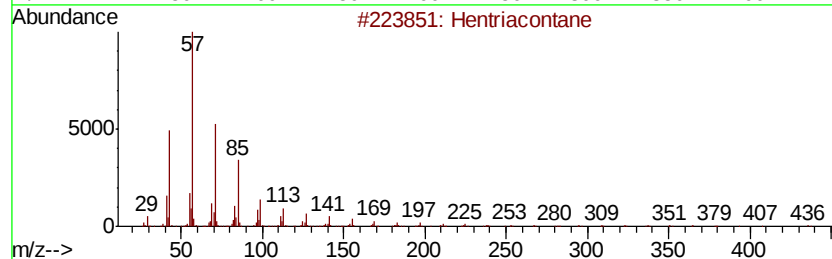
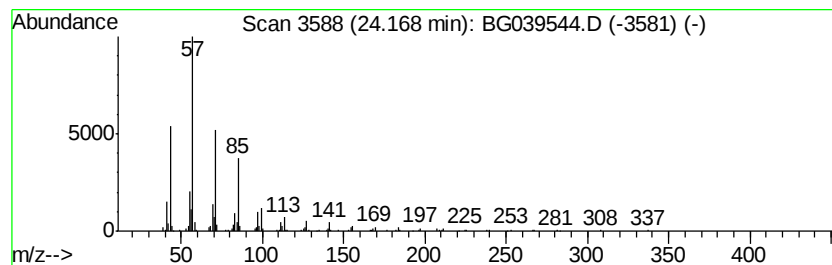
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	5.68 ng	413911	Perylene-d12	25.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039544.D
 Acq On : 18 Feb 2019 18:06
 Operator : JU/SJ
 Sample : K1514-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-004-CLEARBROOK-PILE-1

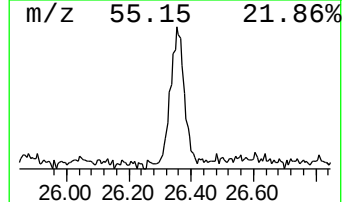
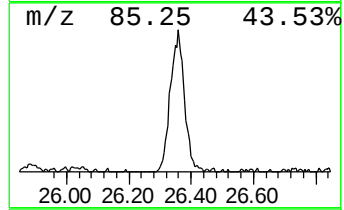
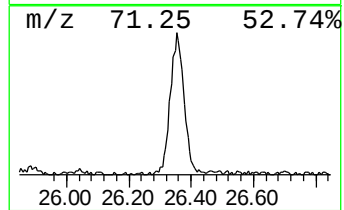
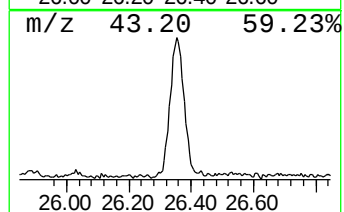
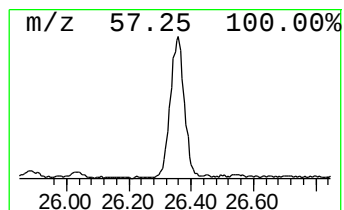
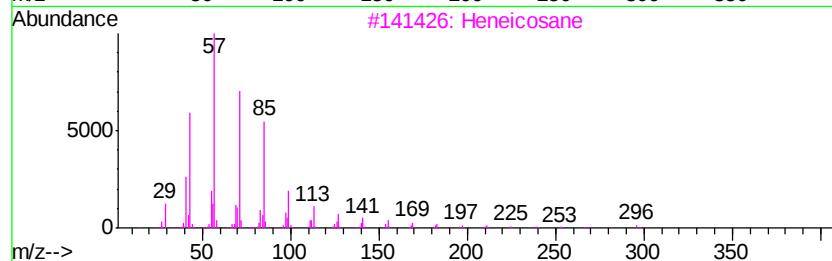
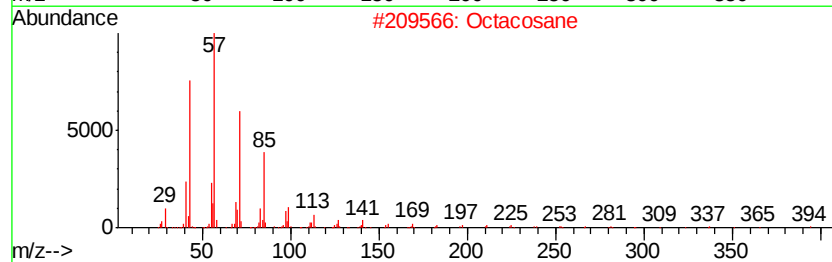
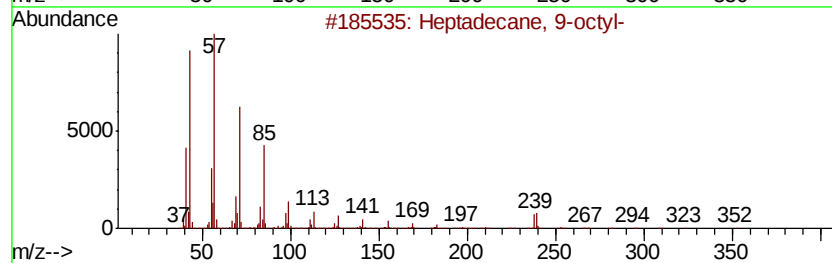
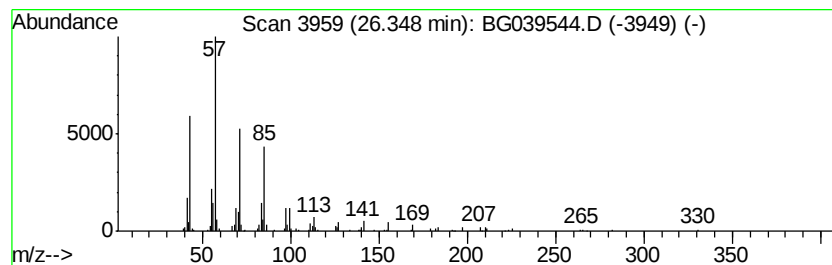
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.35	4.56 ng	332506	Perylene-d12	25.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021819\
Data File : BG039544.D
Acq On : 18 Feb 2019 18:06
Operator : JU/SJ
Sample : K1514-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-004-CLEARBROOK-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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...	5.25	5.9	ng	93820	1	8.17	316869	20.0
unknown7.70	7.70	104.2	ng	1650520	1	8.17	316869	20.0
n-Hexadecanoic acid	18.39	3.8	ng	193884	4	17.54	1026530	20.0
Sulfurous acid, b...	21.42	2.5	ng	147773	5	21.82	1161680	20.0
Tetracosane	21.98	2.8	ng	163190	5	21.82	1161680	20.0
Octadecane	22.61	4.6	ng	264702	5	21.82	1161680	20.0
Hexacosane	23.33	6.5	ng	377747	5	21.82	1161680	20.0
Hentriacontane	24.17	5.7	ng	413911	6	25.20	1457930	20.0
Heptadecane, 9-oc...	26.35	4.6	ng	332506	6	25.20	1457930	20.0