

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039606.D
 Acq On : 26 Feb 2019 18:40
 Operator : JU/SJ
 Sample : K1597-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

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	30	rBV	91482	191009	4.83%	0.757%
2	3.296	31	35	44	rVB	59615	90236	2.28%	0.358%
3	5.710	439	446	456	rBV	1141138	1900807	48.05%	7.535%
4	7.314	711	719	732	rBV	1222877	2244657	56.74%	8.898%
5	7.696	776	784	804	rBV	1178367	2052102	51.87%	8.135%
6	8.166	856	864	874	rBV	212962	361222	9.13%	1.432%
7	8.489	911	919	927	rBV	764441	1342095	33.92%	5.320%
8	9.347	1055	1065	1074	rBV	707020	1301424	32.90%	5.159%
9	10.992	1337	1345	1352	rBV	289333	529390	13.38%	2.099%
10	13.412	1747	1757	1768	rBV	1716094	2730952	69.03%	10.826%
11	14.228	1887	1896	1903	rBV	104906	160618	4.06%	0.637%
12	14.792	1983	1992	2001	rBV2	476924	788332	19.93%	3.125%
13	16.278	2237	2245	2260	rBV	1623122	2605373	65.86%	10.328%
14	17.536	2452	2459	2470	rBV2	653120	1038852	26.26%	4.118%
15	18.387	2599	2604	2614	rBV	156016	254023	6.42%	1.007%
16	19.222	2743	2746	2751	rBV	30770	41663	1.05%	0.165%
17	19.574	2802	2806	2812	rVB	43044	63839	1.61%	0.253%
18	19.645	2814	2818	2825	rBV2	43324	74946	1.89%	0.297%
19	19.938	2865	2868	2875	rVB	39684	54948	1.39%	0.218%
20	20.126	2894	2900	2909	rBV	2973322	3956222	100.00%	15.683%
21	21.424	3113	3121	3134	rBV5	75107	204081	5.16%	0.809%
22	21.818	3181	3188	3195	rBV2	626132	1144223	28.92%	4.536%
23	21.971	3210	3214	3219	rVB2	47607	68428	1.73%	0.271%
24	22.599	3316	3321	3327	rBV	59030	93739	2.37%	0.372%
25	22.664	3327	3332	3344	rVB	16077	50926	1.29%	0.202%
26	23.316	3438	3443	3450	rVB2	73612	135686	3.43%	0.538%
27	23.522	3471	3478	3487	rVB2	39320	85854	2.17%	0.340%
28	24.156	3581	3586	3595	rVB2	81168	189040	4.78%	0.749%
29	25.196	3747	3763	3777	rBV2	362739	1233117	31.17%	4.888%
30	26.341	3950	3958	3968	rVB3	43916	135281	3.42%	0.536%
31	27.757	4191	4199	4213	rVB6	25731	103625	2.62%	0.411%

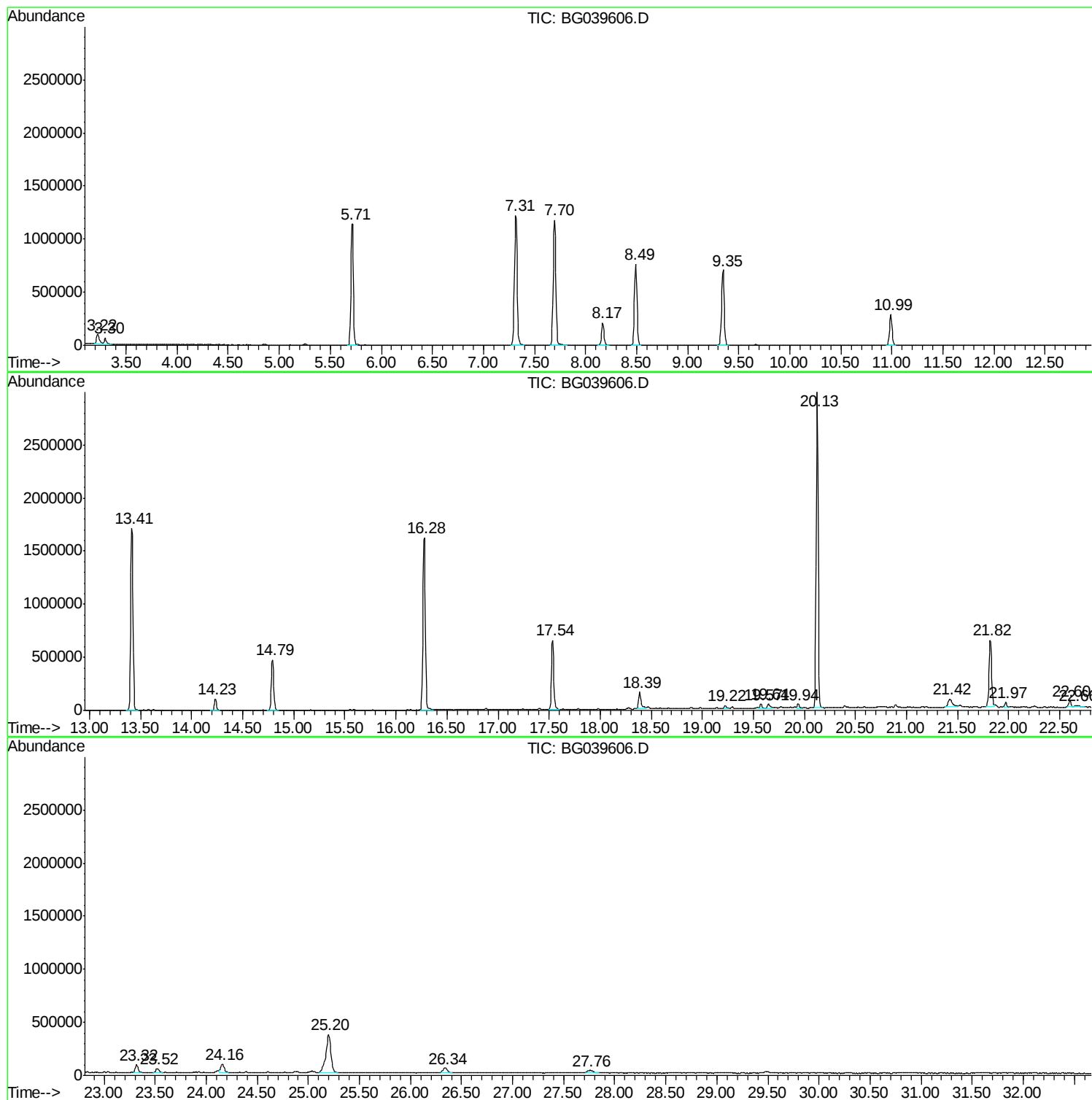
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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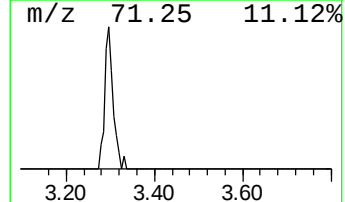
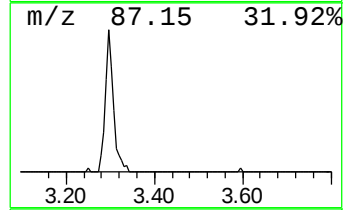
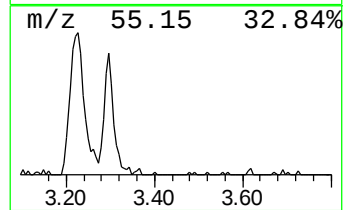
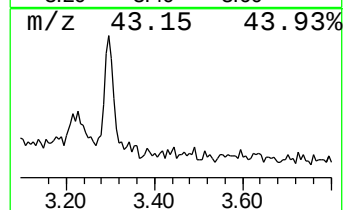
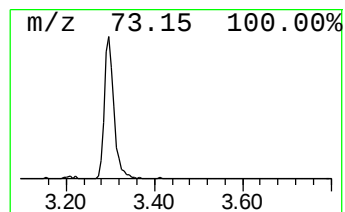
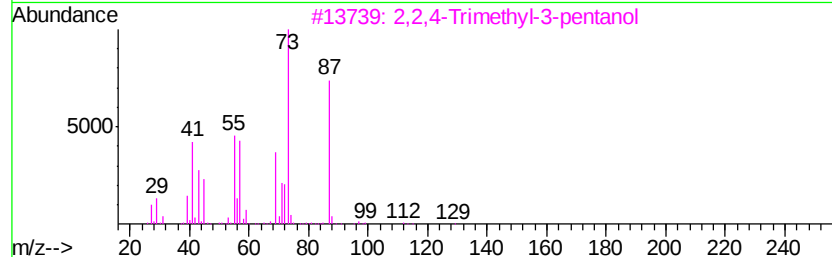
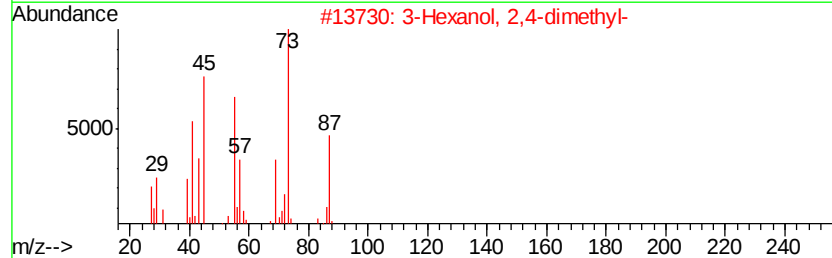
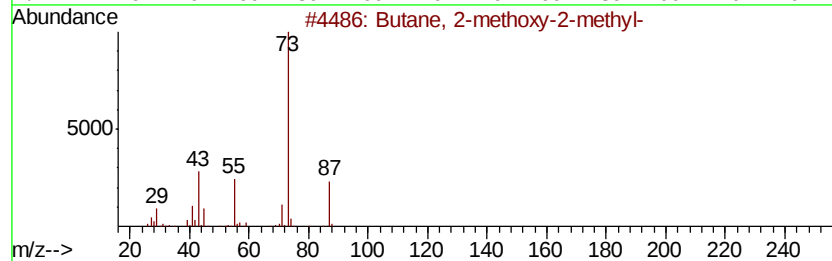
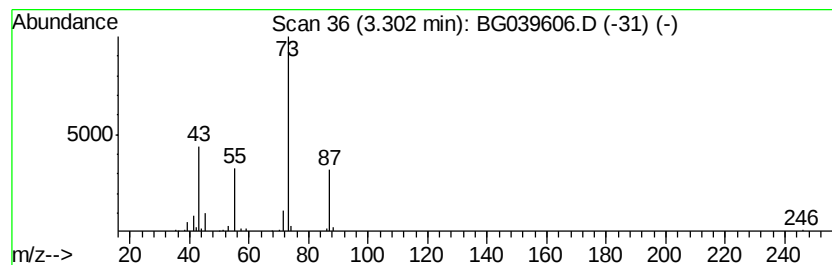
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	5.00 ng	90236	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	78
2			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	50
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	45
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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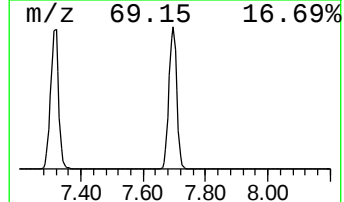
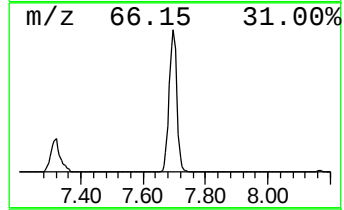
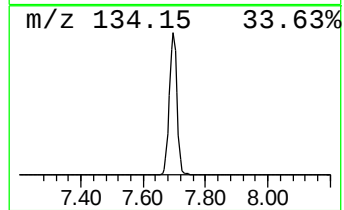
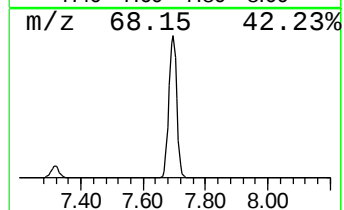
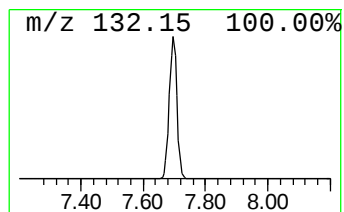
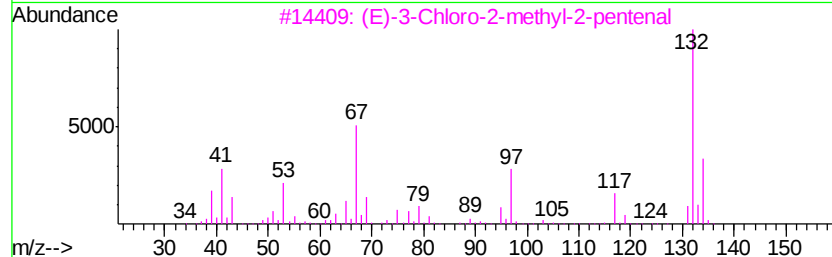
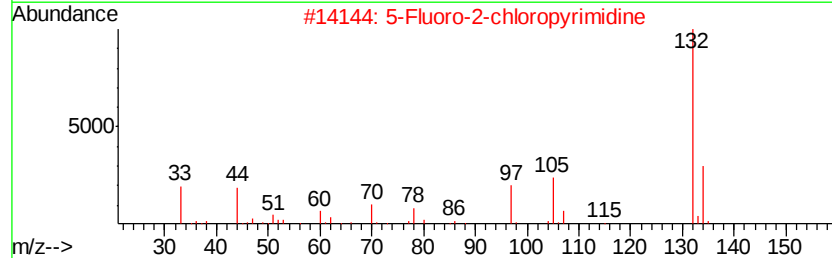
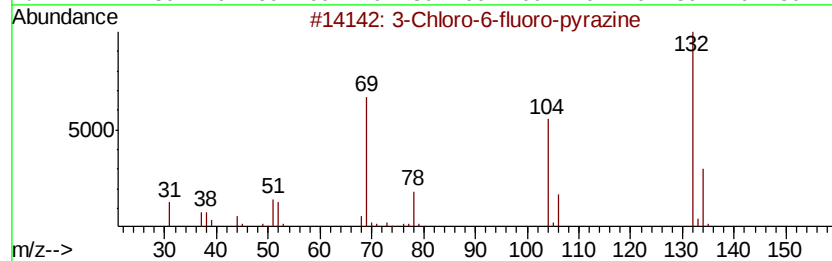
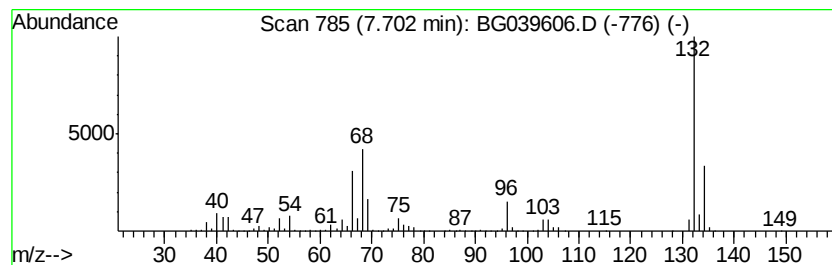
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Peak Number 3 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	113.62 ng	2052100	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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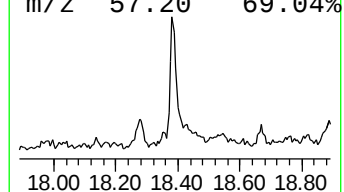
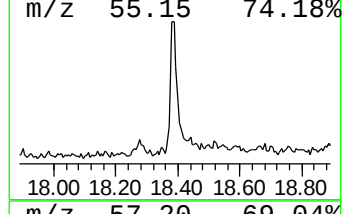
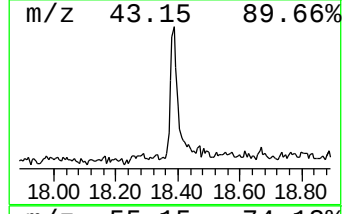
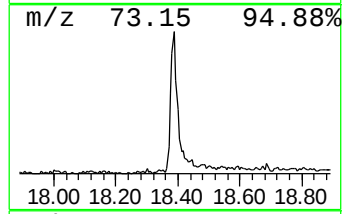
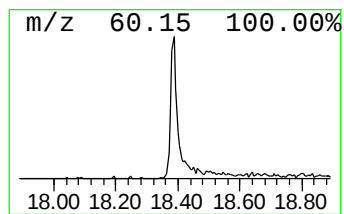
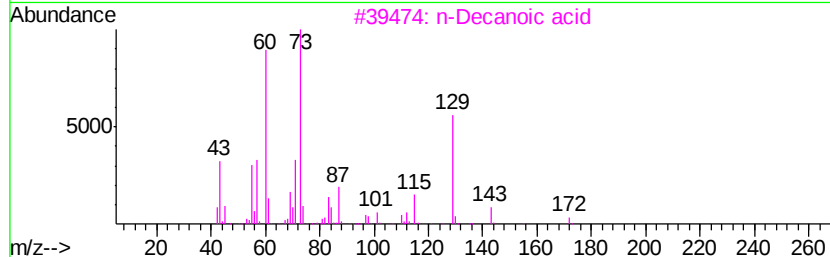
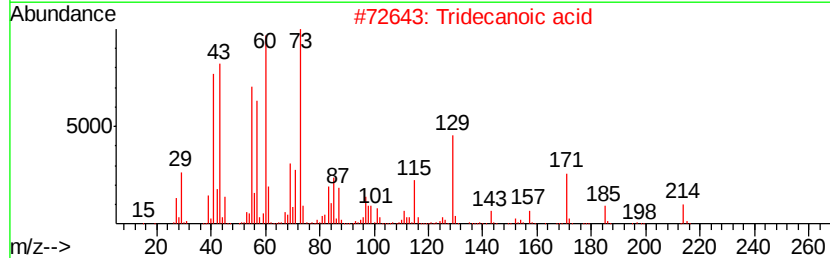
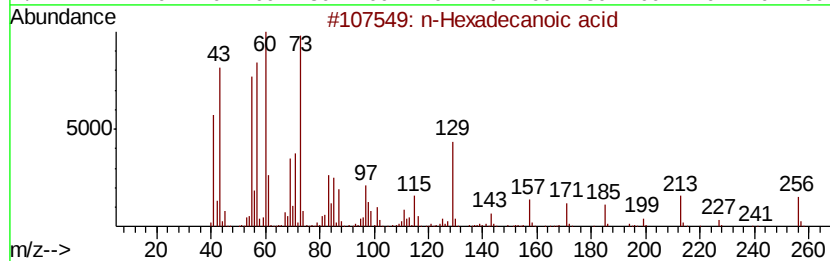
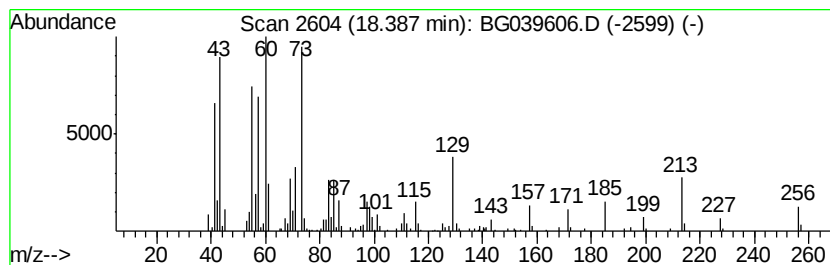
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.39	4.89 ng	254023	Phenanthrene-d10	17.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Nonanoic acid	158	C9H18O2	000112-05-0	50



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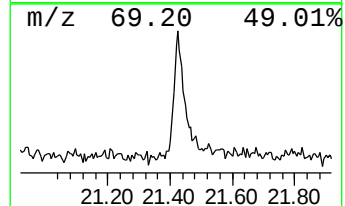
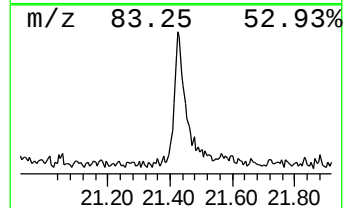
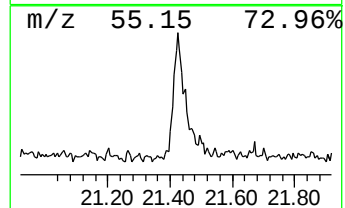
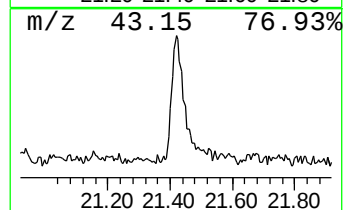
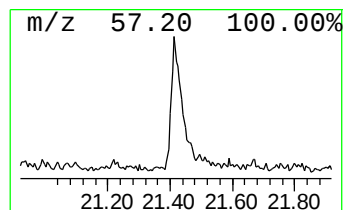
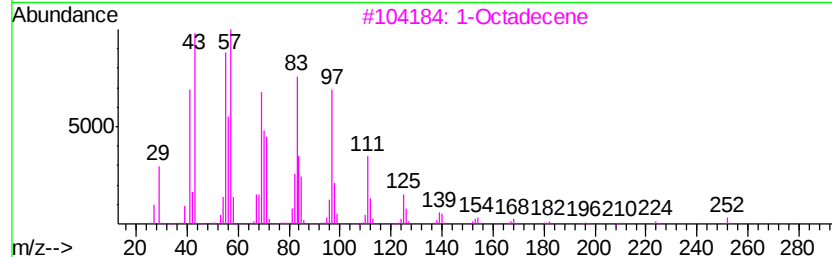
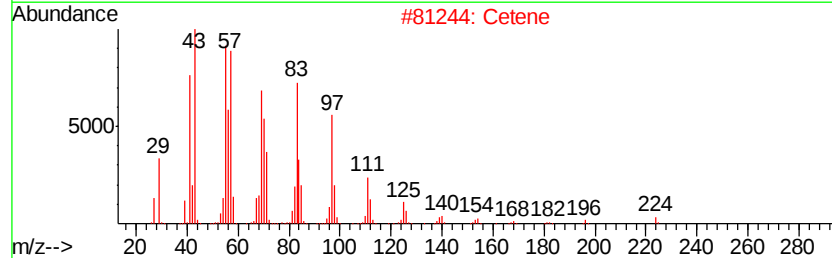
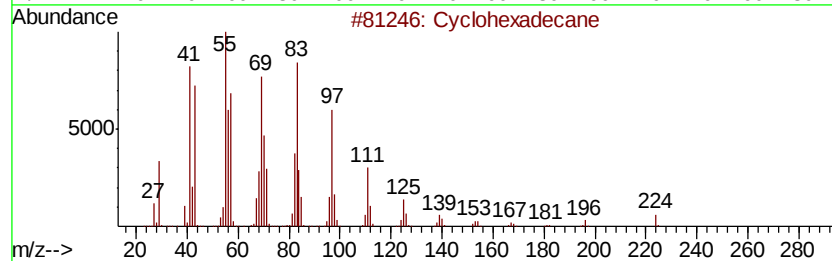
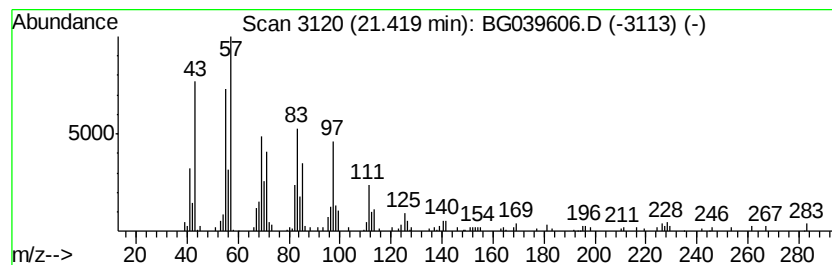
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Peak Number 6 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.42	3.57 ng	204081	Chrysene-d12	21.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexadecane	224	C16H32	000295-65-8	99
2	Cetene	224	C16H32	000629-73-2	96
3	1-Octadecene	252	C18H36	000112-88-9	96
4	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	93
5	1,2-Octadecanediol	286	C18H38O2	020294-76-2	91



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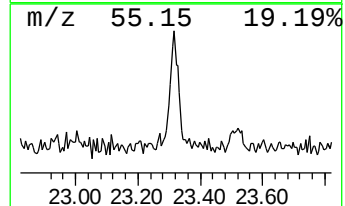
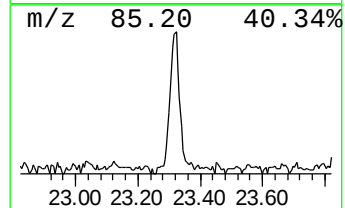
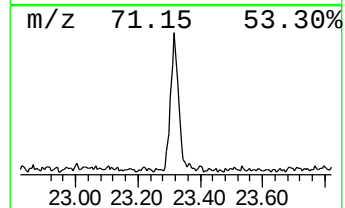
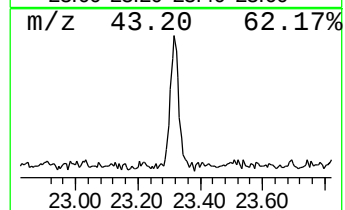
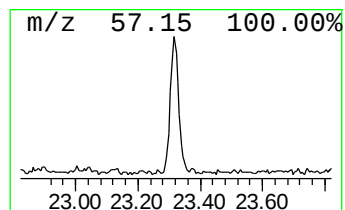
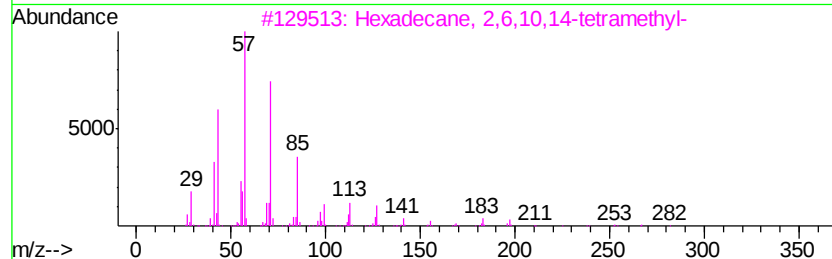
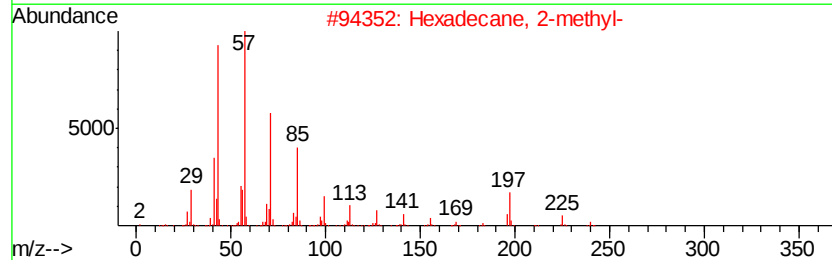
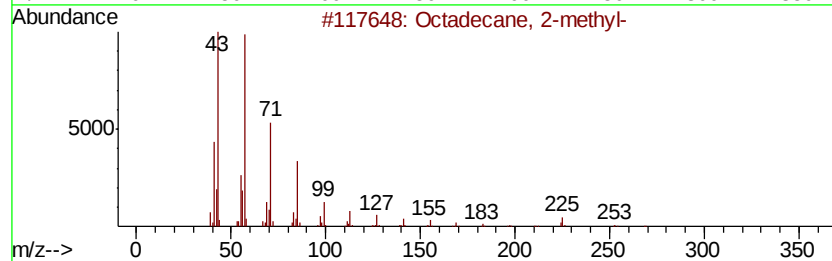
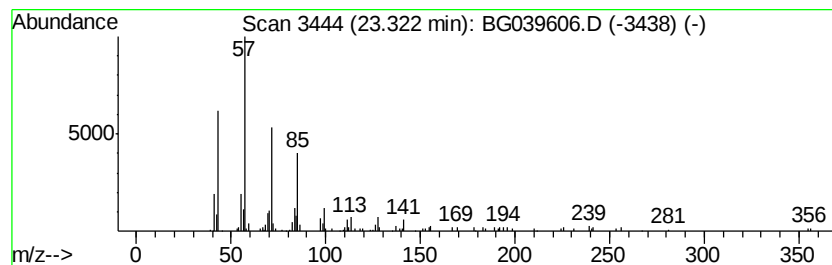
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Peak Number 7 Octadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	2.37 ng	135686	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Tetracosane	338	C24H50	000646-31-1	87



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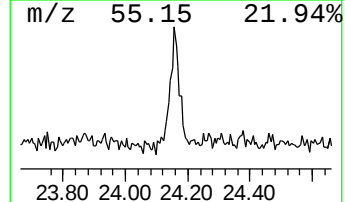
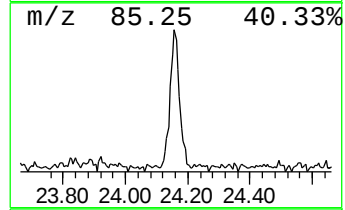
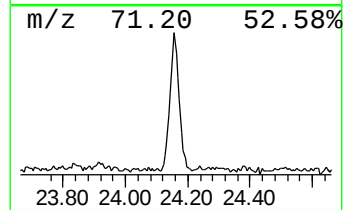
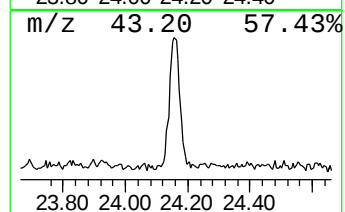
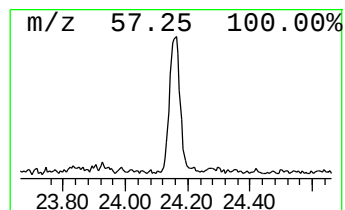
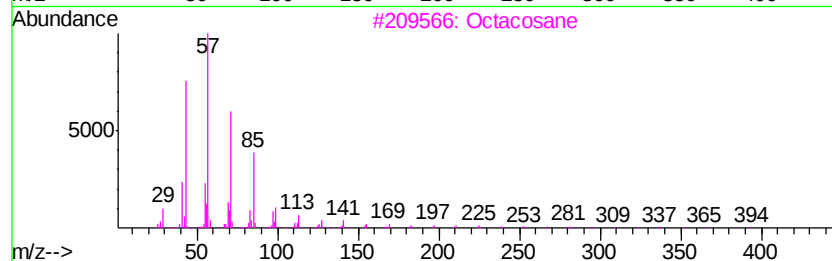
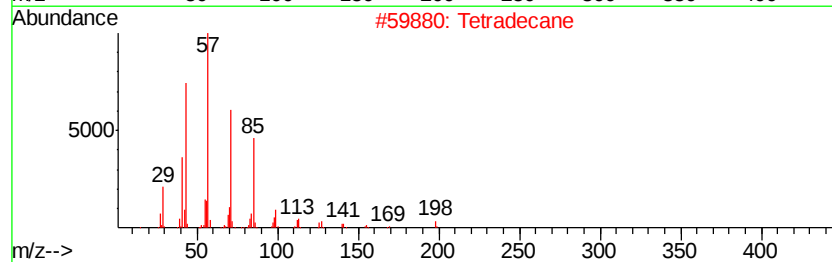
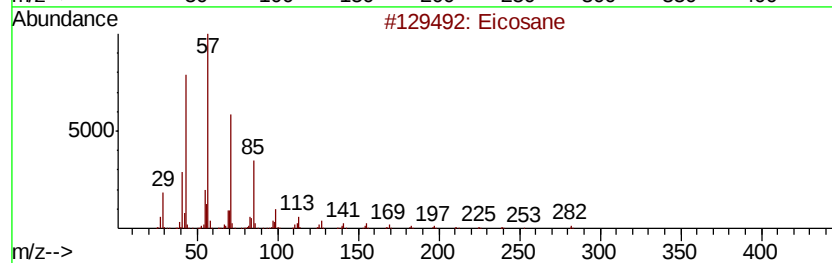
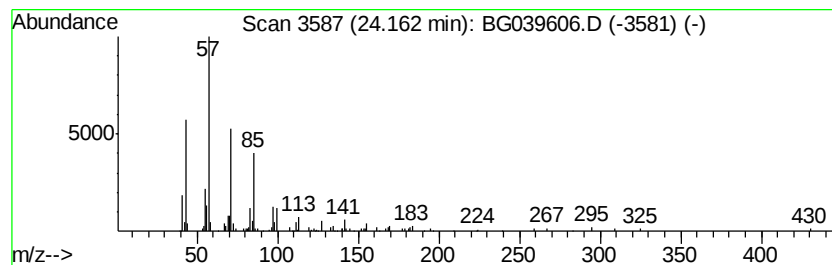
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	3.07 ng	189040	Perylene-d12	25.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Octacosane		394	C28H58	000630-02-4	87
4	Sulfurous acid, butyl tetradecyl...		334	C18H38O3S	1000309-18-1	86
5	triacontane		422	C30H62	000638-68-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039606.D
Acq On : 26 Feb 2019 18:40
Operator : JU/SJ
Sample : K1597-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-22

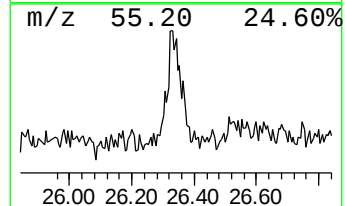
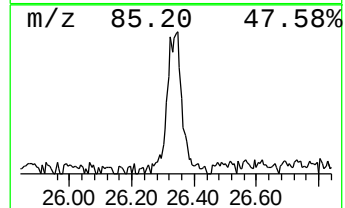
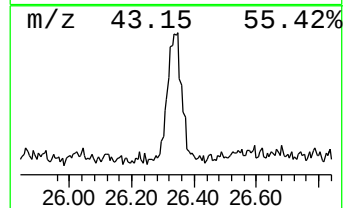
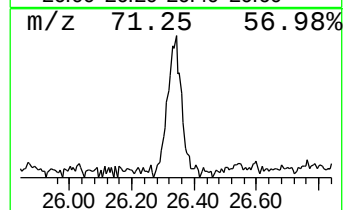
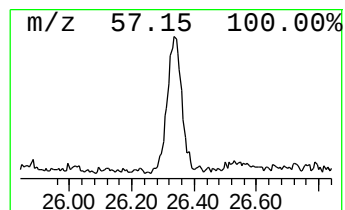
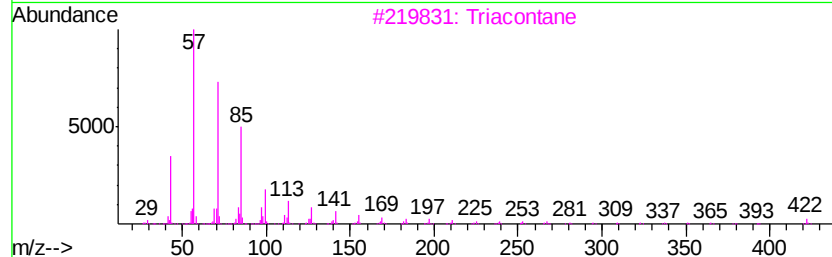
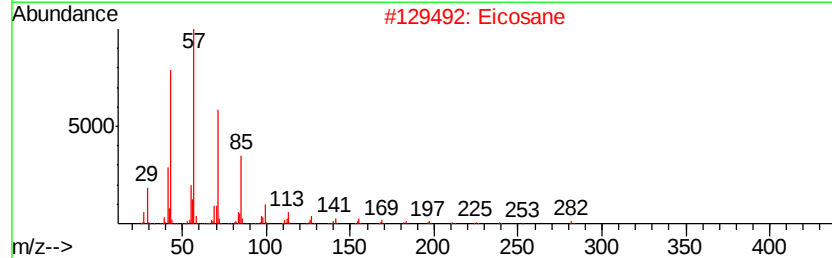
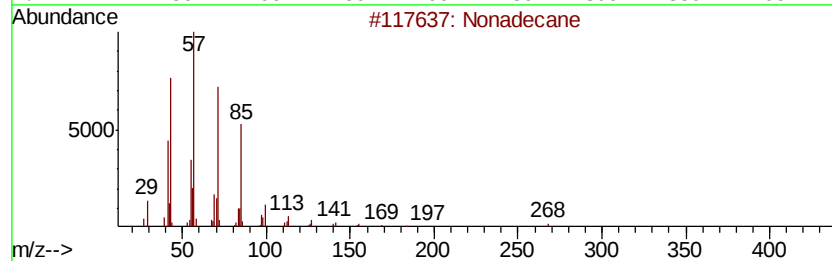
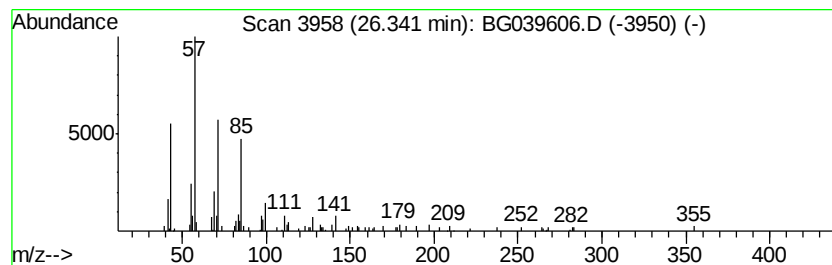
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.34	2.19 ng	135281	Perylene-d12	25.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	87
2	Eicosane		282	C20H42	000112-95-8	86
3	Triacontane		422	C30H62	000638-68-6	72
4	Heneicosane		296	C21H44	000629-94-7	72
5	Borane, diethyl(decyloxy)-		226	C14H31BO	1000152-34-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
Data File : BG039606.D
Acq On : 26 Feb 2019 18:40
Operator : JU/SJ
Sample : K1597-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-22

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
Butane, 2-methoxy...	3.30	5.0	ng	90236	1	8.17	361222	20.0
unknown7.70	7.70	113.6	ng	2052100	1	8.17	361222	20.0
n-Hexadecanoic acid	18.39	4.9	ng	254023	4	17.54	1038850	20.0
Cyclohexadecane	21.42	3.6	ng	204081	5	21.82	1144220	20.0
Octadecane, 2-met...	23.32	2.4	ng	135686	5	21.82	1144220	20.0
Eicosane	24.16	3.1	ng	189040	6	25.20	1233120	20.0
Nonadecane	26.34	2.2	ng	135281	6	25.20	1233120	20.0