

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039541.D
 Acq On : 18 Feb 2019 16:08
 Operator : JU/SJ
 Sample : K1508-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-12-D

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	3.223	18	23	31	rBV	79925	144586	4.23%	0.700%
2	3.293	32	35	43	rVB	39296	55075	1.61%	0.267%
3	5.249	362	368	375	rBV	53255	84086	2.46%	0.407%
4	5.713	440	447	457	rBV	828486	1332264	38.94%	6.450%
5	7.317	711	720	734	rBV	906807	1593938	46.58%	7.716%
6	7.699	776	785	798	rBV	813504	1433715	41.90%	6.941%
7	8.169	857	865	874	rBV	203606	349969	10.23%	1.694%
8	8.492	912	920	930	rVB	557028	987429	28.86%	4.780%
9	9.344	1057	1065	1075	rBV	521586	920418	26.90%	4.456%
10	10.989	1337	1345	1354	rBV	292796	544404	15.91%	2.635%
11	13.415	1750	1758	1768	rBV	1455972	2307183	67.43%	11.169%
12	14.231	1892	1897	1904	rBV	82853	125272	3.66%	0.606%
13	14.795	1985	1993	2002	rBV2	508333	837862	24.49%	4.056%
14	16.276	2238	2245	2263	rBV	1116395	1759506	51.42%	8.518%
15	17.539	2453	2460	2473	rBV2	679906	1071464	31.31%	5.187%
16	18.384	2600	2604	2609	rBV3	54262	82715	2.42%	0.400%
17	20.129	2895	2901	2909	rBV	2613011	3421659	100.00%	16.564%
18	20.899	3028	3032	3036	rBV	38374	40712	1.19%	0.197%
19	21.416	3113	3120	3133	rBV2	70220	139419	4.07%	0.675%
20	21.827	3183	3190	3203	rBV2	673236	1195155	34.93%	5.786%
21	21.980	3211	3216	3222	rVB	75401	112225	3.28%	0.543%
22	22.608	3317	3323	3330	rBV	87042	150808	4.41%	0.730%
23	23.331	3439	3446	3457	rBV2	120379	241477	7.06%	1.169%
24	23.536	3474	3481	3487	rVB3	24476	49358	1.44%	0.239%
25	24.171	3582	3589	3597	rBV3	90274	195679	5.72%	0.947%
26	25.205	3749	3765	3779	rBV3	347835	1249873	36.53%	6.051%
27	26.362	3947	3962	3971	rBV3	52882	171394	5.01%	0.830%
28	27.789	4198	4205	4209	rBV5	22703	58948	1.72%	0.285%

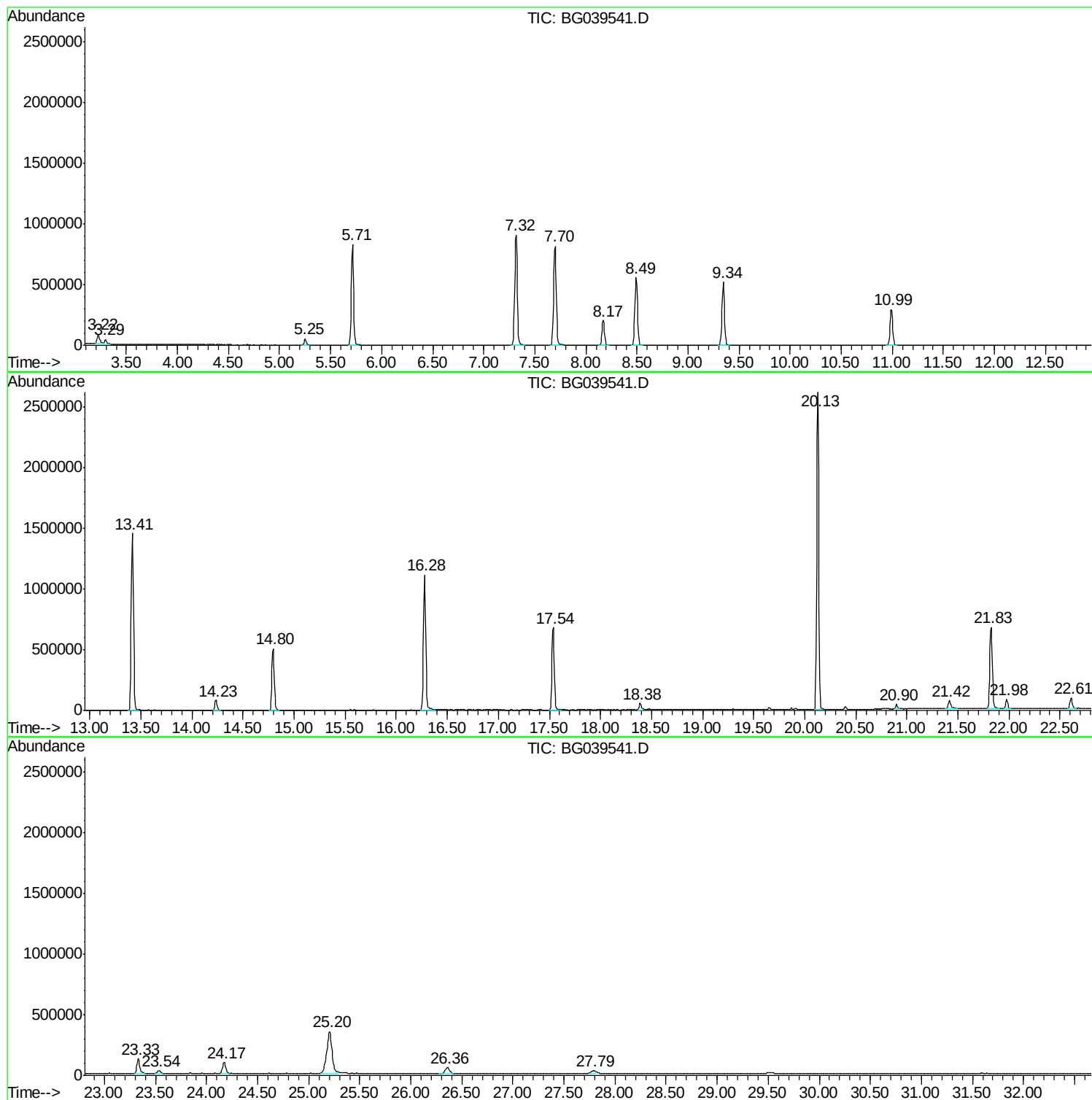
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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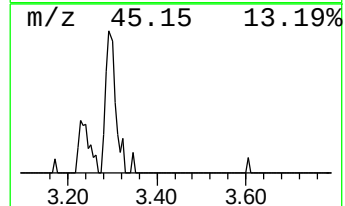
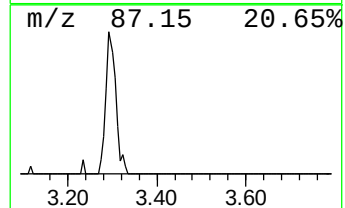
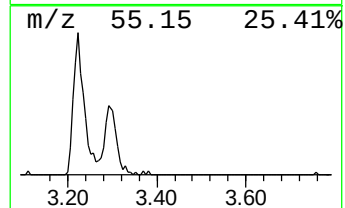
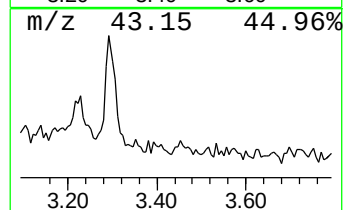
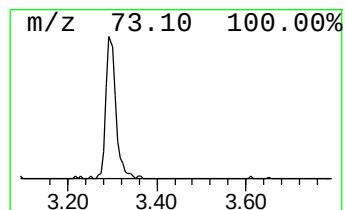
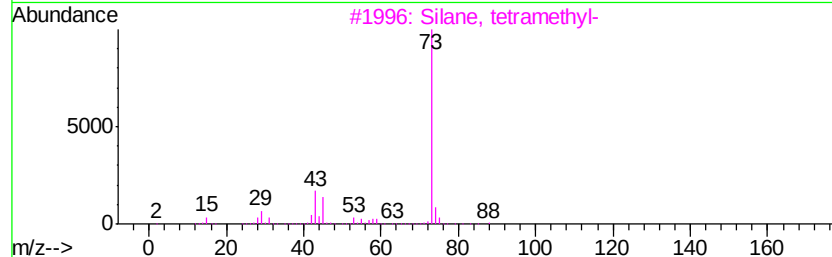
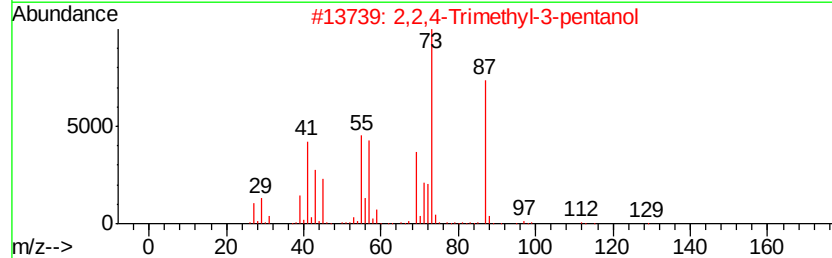
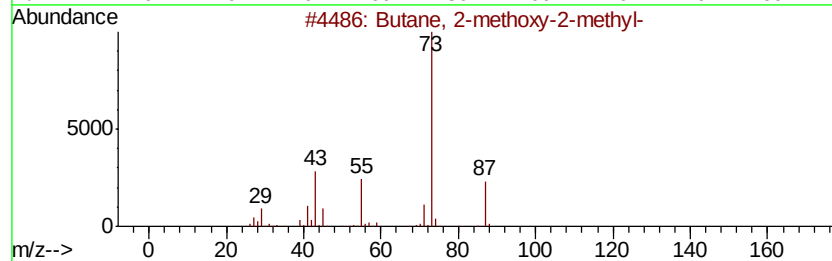
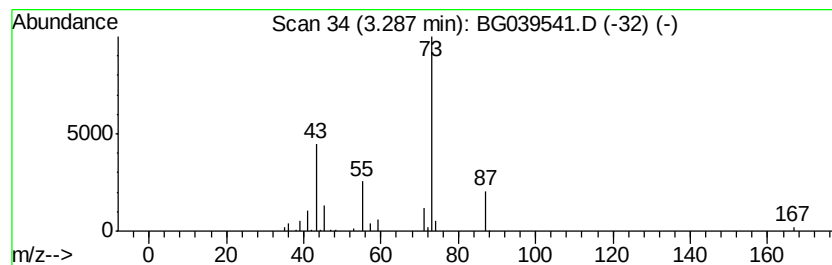
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	3.15 ng	55075	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		1-Pentanamine	87	C5H13N	000110-58-7	7
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



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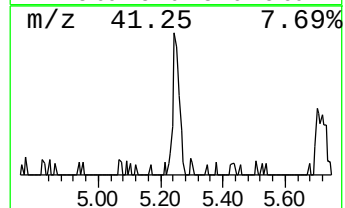
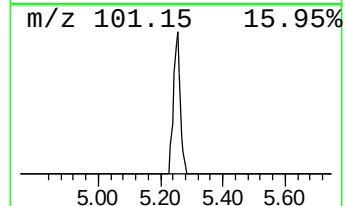
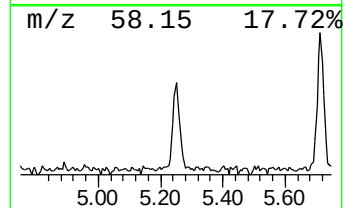
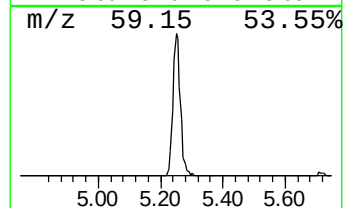
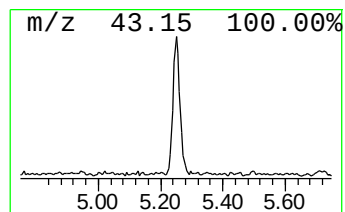
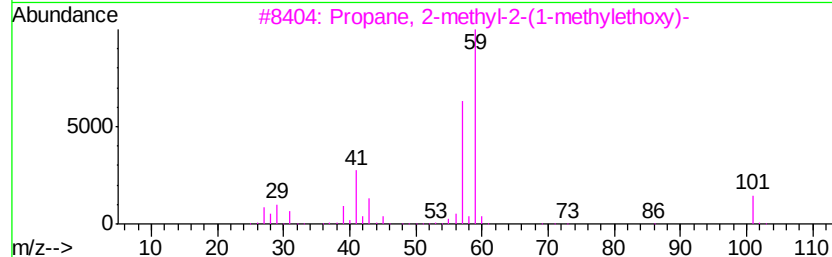
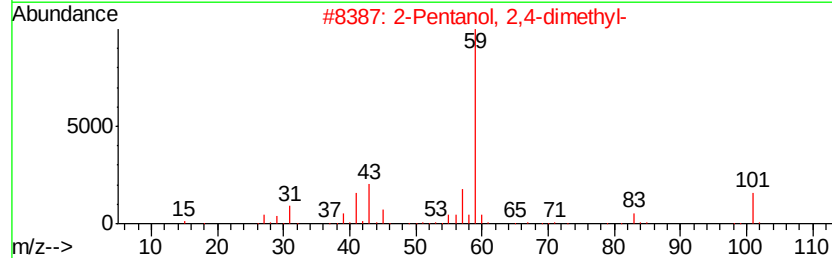
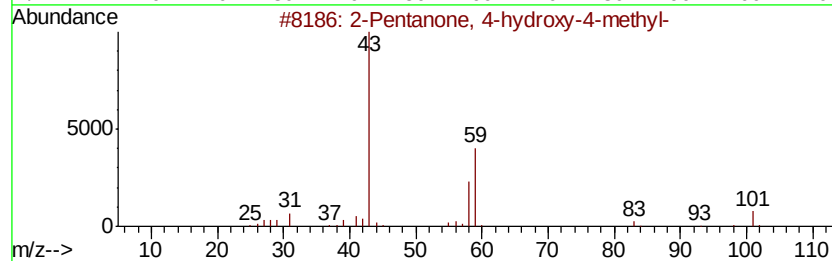
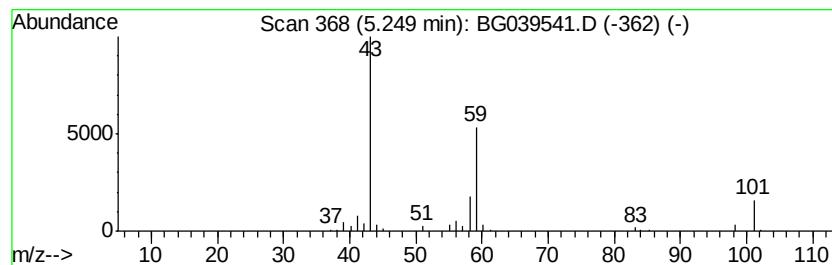
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	4.81 ng	84086	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3			Propane, 2-methyl-2-(1-methylethyl)-	116	C7H16O	017348-59-3	36
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



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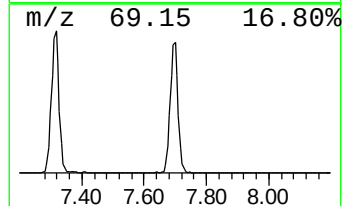
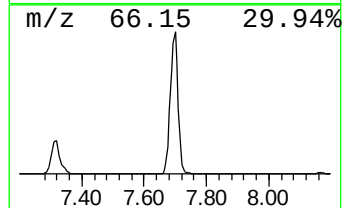
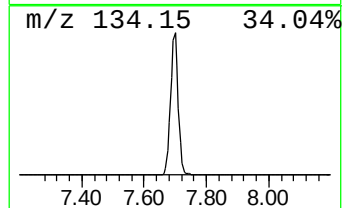
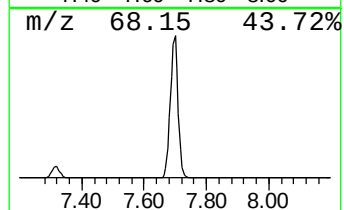
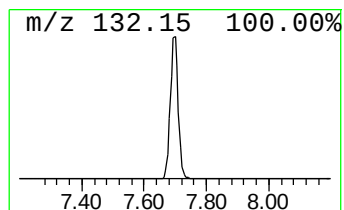
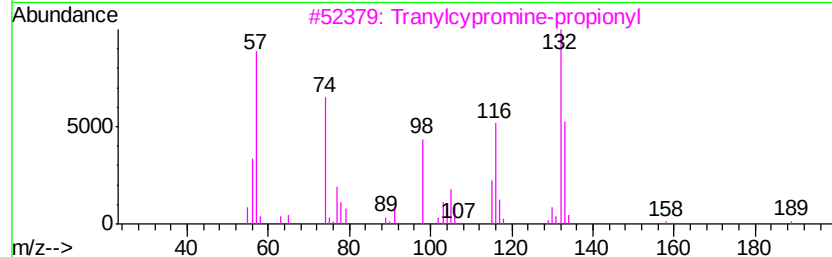
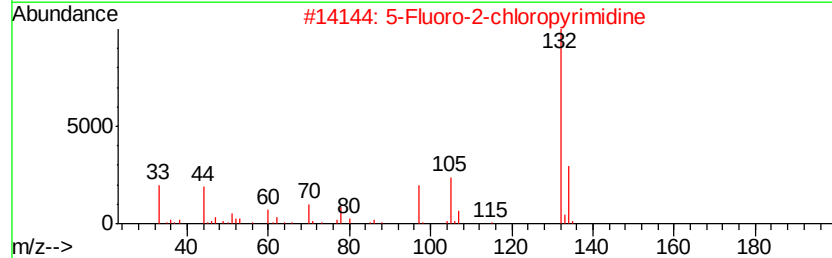
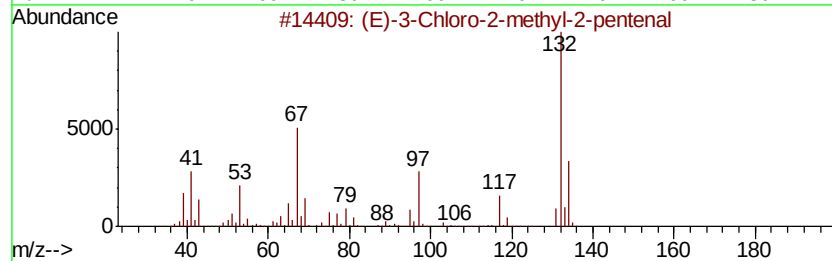
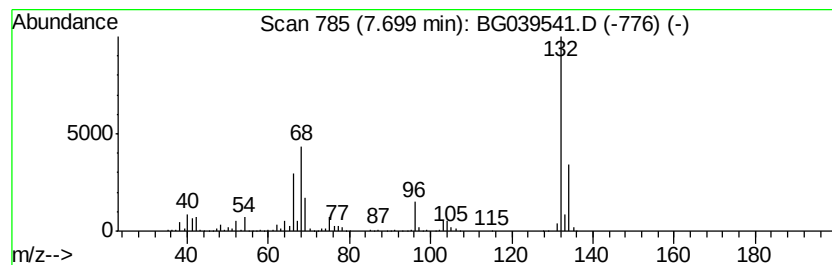
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Peak Number 4 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	81.93 ng	1433720	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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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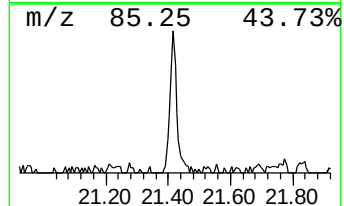
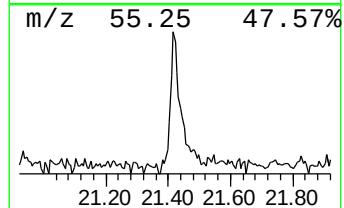
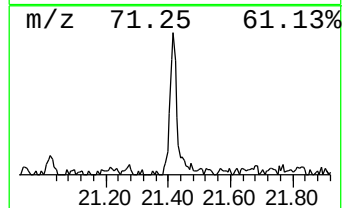
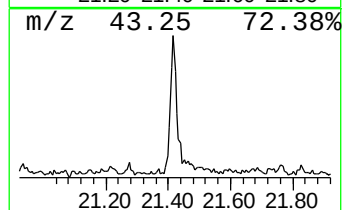
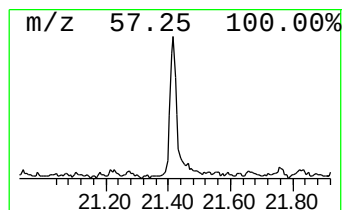
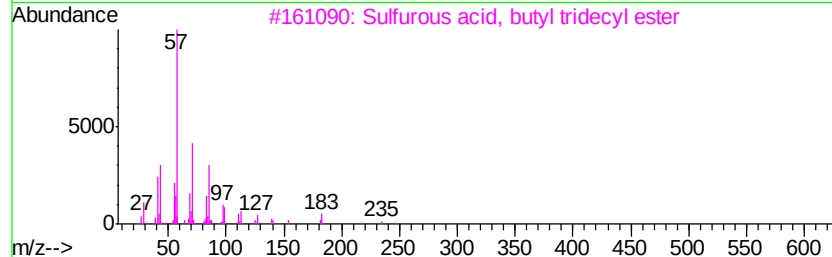
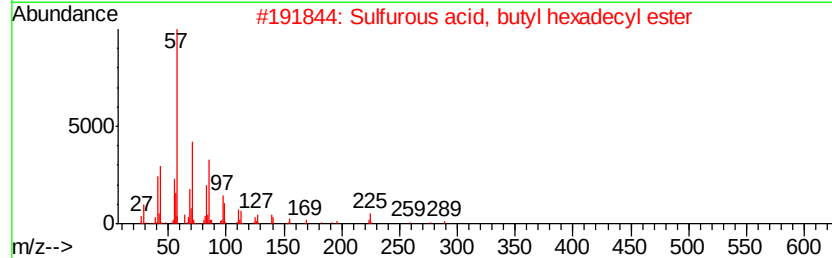
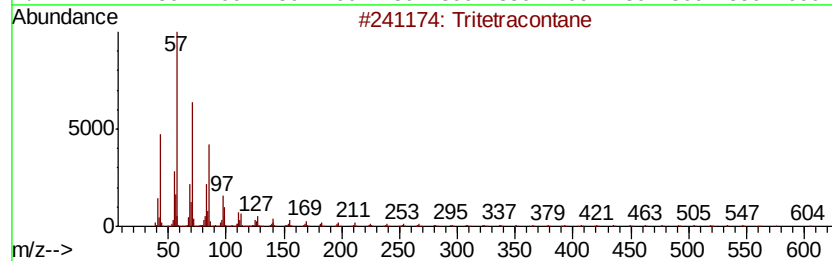
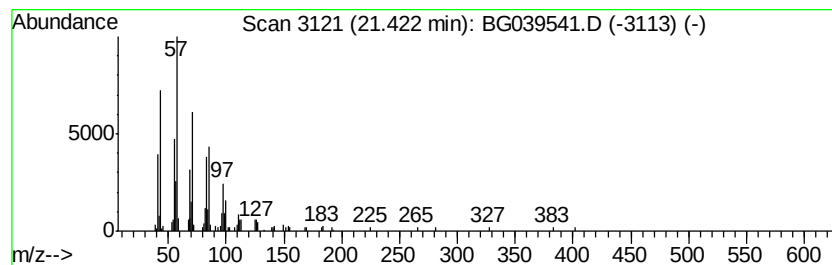
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Peak Number 6 Tritetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.33 ng	139419	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	87
2		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	87
3		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
4		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
5		Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80



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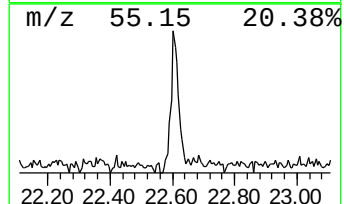
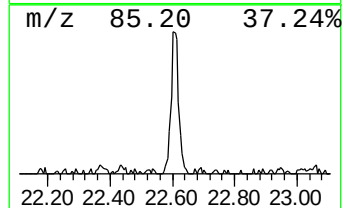
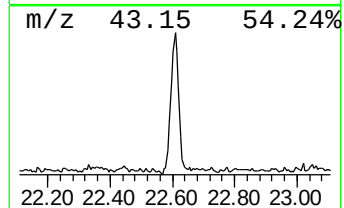
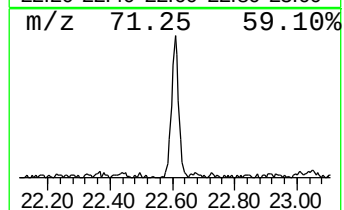
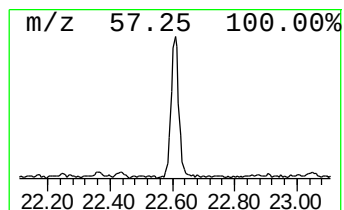
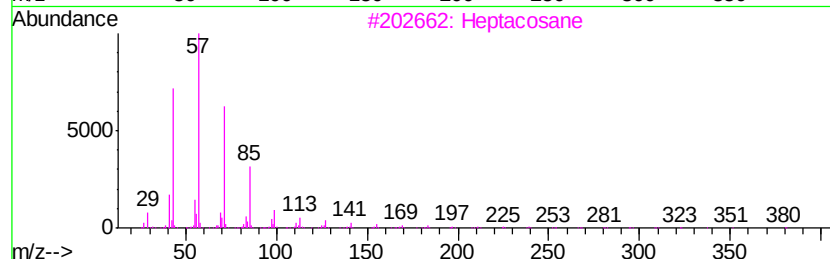
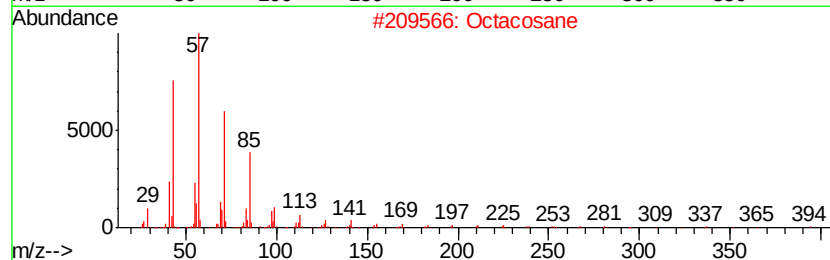
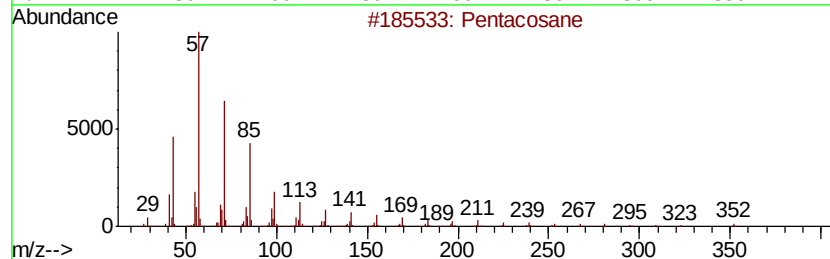
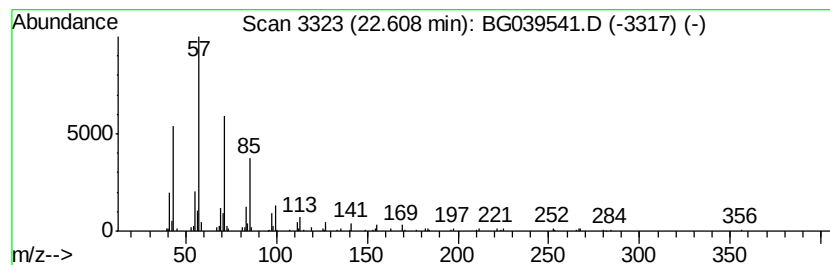
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	2.52 ng	150808	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Eicosane	282	C20H42	000112-95-8	86
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	83



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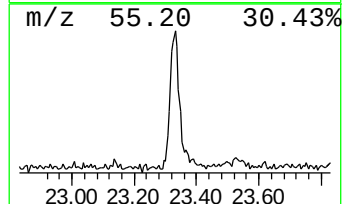
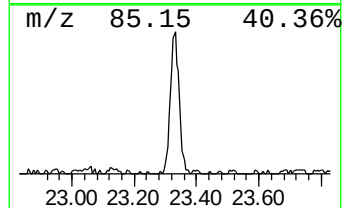
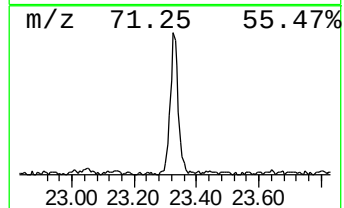
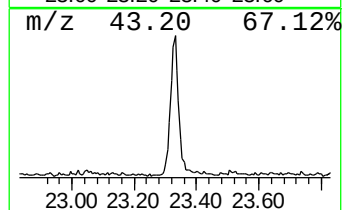
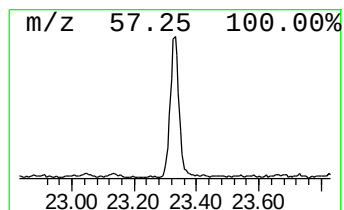
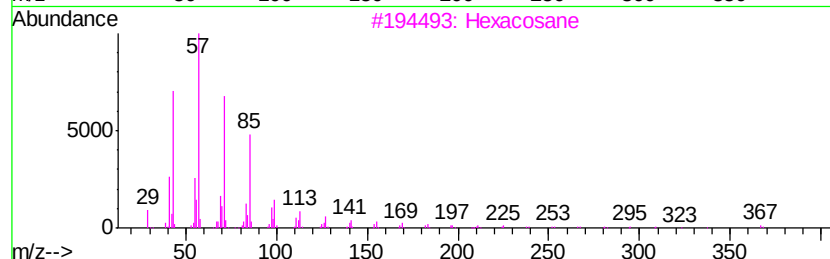
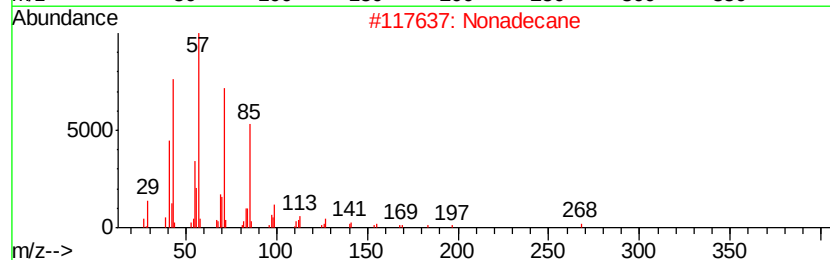
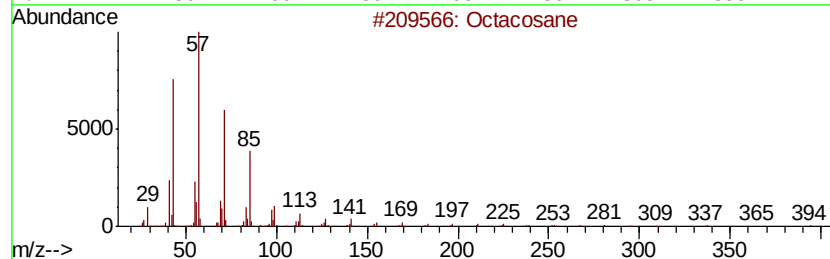
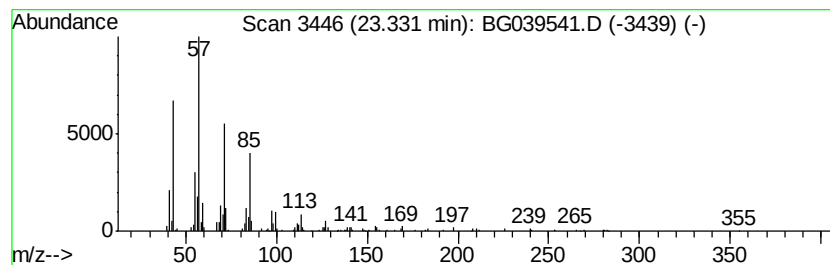
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	4.04 ng	241477	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	83
2		Nonadecane	268	C19H40	000629-92-5	83
3		Hexacosane	366	C26H54	000630-01-3	80
4		Tetracosane	338	C24H50	000646-31-1	80
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
Data File : BG039541.D
Acq On : 18 Feb 2019 16:08
Operator : JU/SJ
Sample : K1508-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-12-D

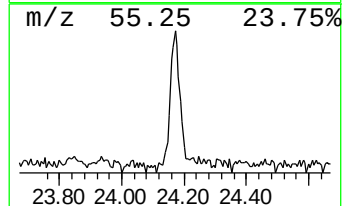
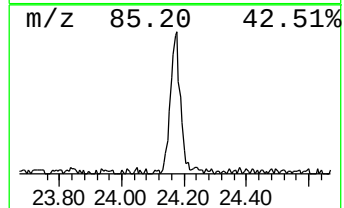
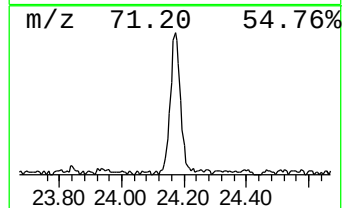
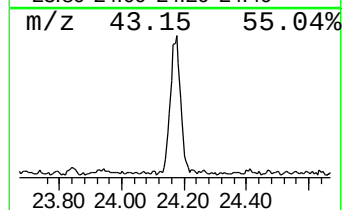
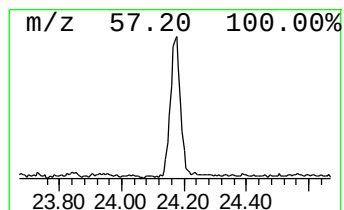
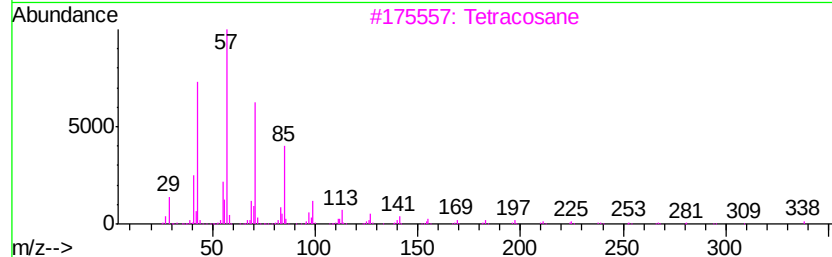
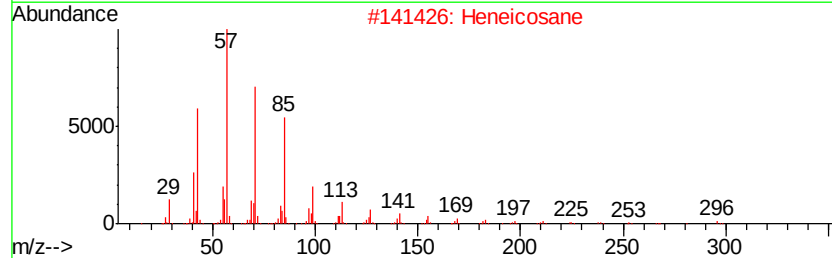
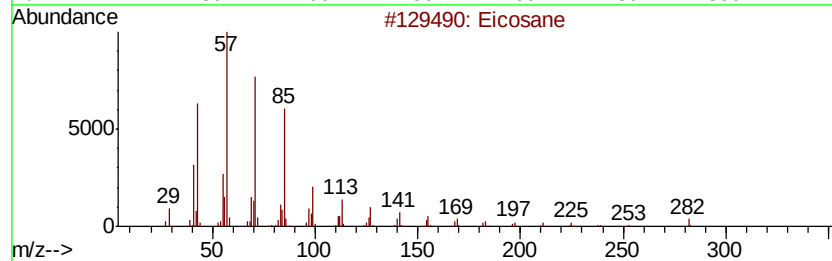
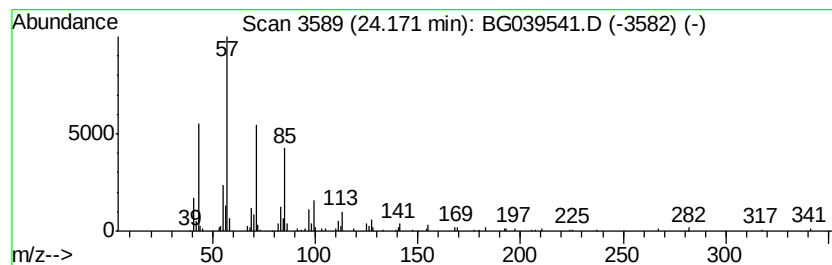
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	3.13 ng	195679	Perylene-d12	25.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
Data File : BG039541.D
Acq On : 18 Feb 2019 16:08
Operator : JU/SJ
Sample : K1508-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-12-D

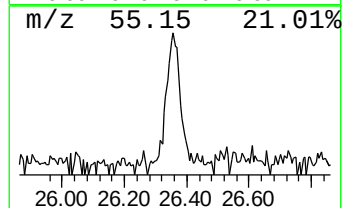
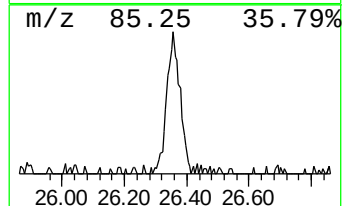
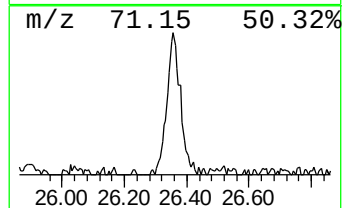
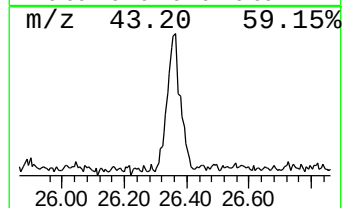
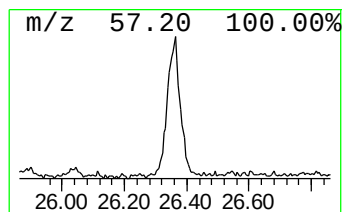
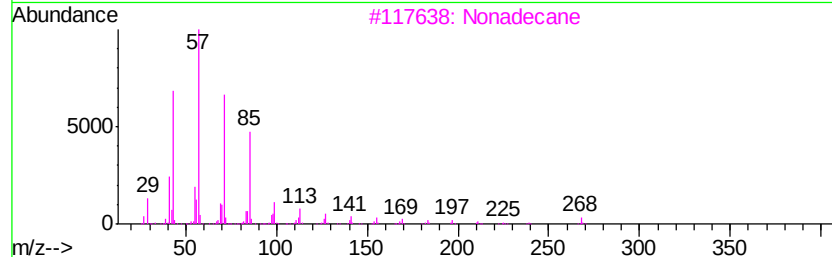
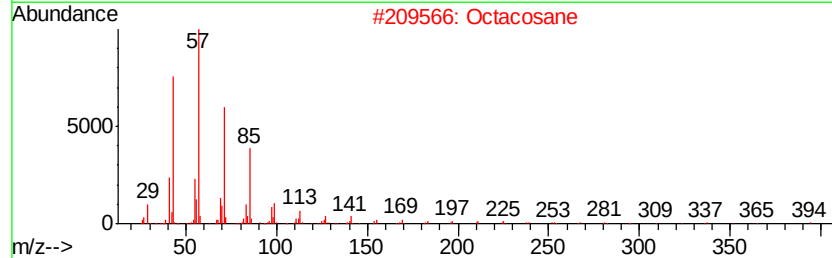
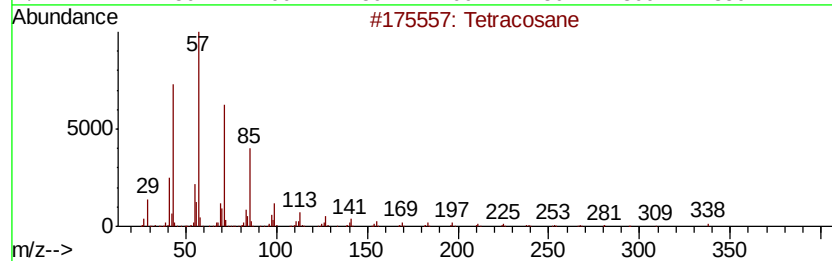
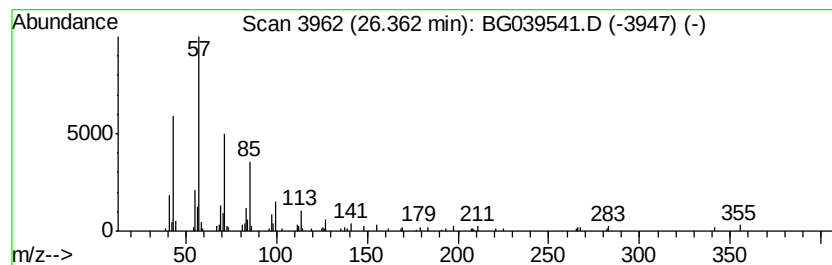
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.36	2.74 ng	171394	Perylene-d12	25.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Nonadecane	268	C19H40	000629-92-5	83
4		Hexadecane	226	C16H34	000544-76-3	83
5		Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021819\
Data File : BG039541.D
Acq On : 18 Feb 2019 16:08
Operator : JU/SJ
Sample : K1508-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-12-D

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...	3.29	3.1 ng		55075	1	8.17	349969	20.0
2-Pentanone, 4-hy...	5.25	4.8 ng		84086	1	8.17	349969	20.0
unknown7.70	7.70	81.9 ng		1433720	1	8.17	349969	20.0
Tritetracontane	21.42	2.3 ng		139419	5	21.83	1195160	20.0
Pentacosane	22.61	2.5 ng		150808	5	21.83	1195160	20.0
Octacosane	23.33	4.0 ng		241477	5	21.83	1195160	20.0
Eicosane	24.17	3.1 ng		195679	6	25.20	1249870	20.0
Tetracosane	26.36	2.7 ng		171394	6	25.20	1249870	20.0