

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043599.D
 Acq On : 12 Nov 2019 1:09
 Operator : JU
 Sample : K5760-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3425

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-BG102119.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	3.164	8	13	31	rVB	412222	811306	37.51%	6.271%
2	5.103	337	343	353	rBV	49426	85970	3.97%	0.664%
3	5.596	419	427	439	rBV	204615	386216	17.85%	2.985%
4	7.200	692	700	715	rBV2	147658	361255	16.70%	2.792%
5	7.547	751	759	772	rBV2	378766	707338	32.70%	5.467%
6	7.999	830	836	844	rBV	114576	200646	9.28%	1.551%
7	8.322	883	891	902	rBV	378231	677856	31.34%	5.239%
8	9.163	1025	1034	1048	rBV	283017	587897	27.18%	4.544%
9	10.808	1307	1314	1324	rBV	137752	279830	12.94%	2.163%
10	13.252	1723	1730	1747	rBV	873789	1471784	68.04%	11.376%
11	14.080	1865	1871	1882	rBV	156037	250186	11.57%	1.934%
12	14.633	1957	1965	1980	rBV2	279910	503510	23.28%	3.892%
13	16.125	2210	2219	2229	rBV	568535	990346	45.78%	7.654%
14	17.376	2426	2432	2443	rBV	358940	580640	26.84%	4.488%
15	18.270	2579	2584	2593	rBV	131902	211298	9.77%	1.633%
16	19.539	2795	2800	2807	rBV4	31219	46737	2.16%	0.361%
17	19.985	2870	2876	2892	rBV	1629156	2163070	100.00%	16.719%
18	20.778	3008	3011	3015	rBV4	21748	26801	1.24%	0.207%
19	21.284	3091	3097	3108	rBV2	113878	242702	11.22%	1.876%
20	21.642	3151	3158	3167	rBV2	293749	554267	25.62%	4.284%
21	21.824	3184	3189	3197	rVB2	55444	77115	3.57%	0.596%
22	22.423	3285	3291	3297	rBV2	81685	140014	6.47%	1.082%
23	23.105	3400	3407	3417	rVB2	104987	192817	8.91%	1.490%
24	23.892	3534	3541	3552	rBV	107047	227481	10.52%	1.758%
25	24.827	3690	3700	3715	rBV2	291680	824573	38.12%	6.373%
26	25.943	3881	3890	3902	rVB4	64244	198093	9.16%	1.531%
27	27.265	4105	4115	4124	rBV4	34626	108004	4.99%	0.835%
28	27.923	4220	4227	4230	rBV6	14028	30411	1.41%	0.235%

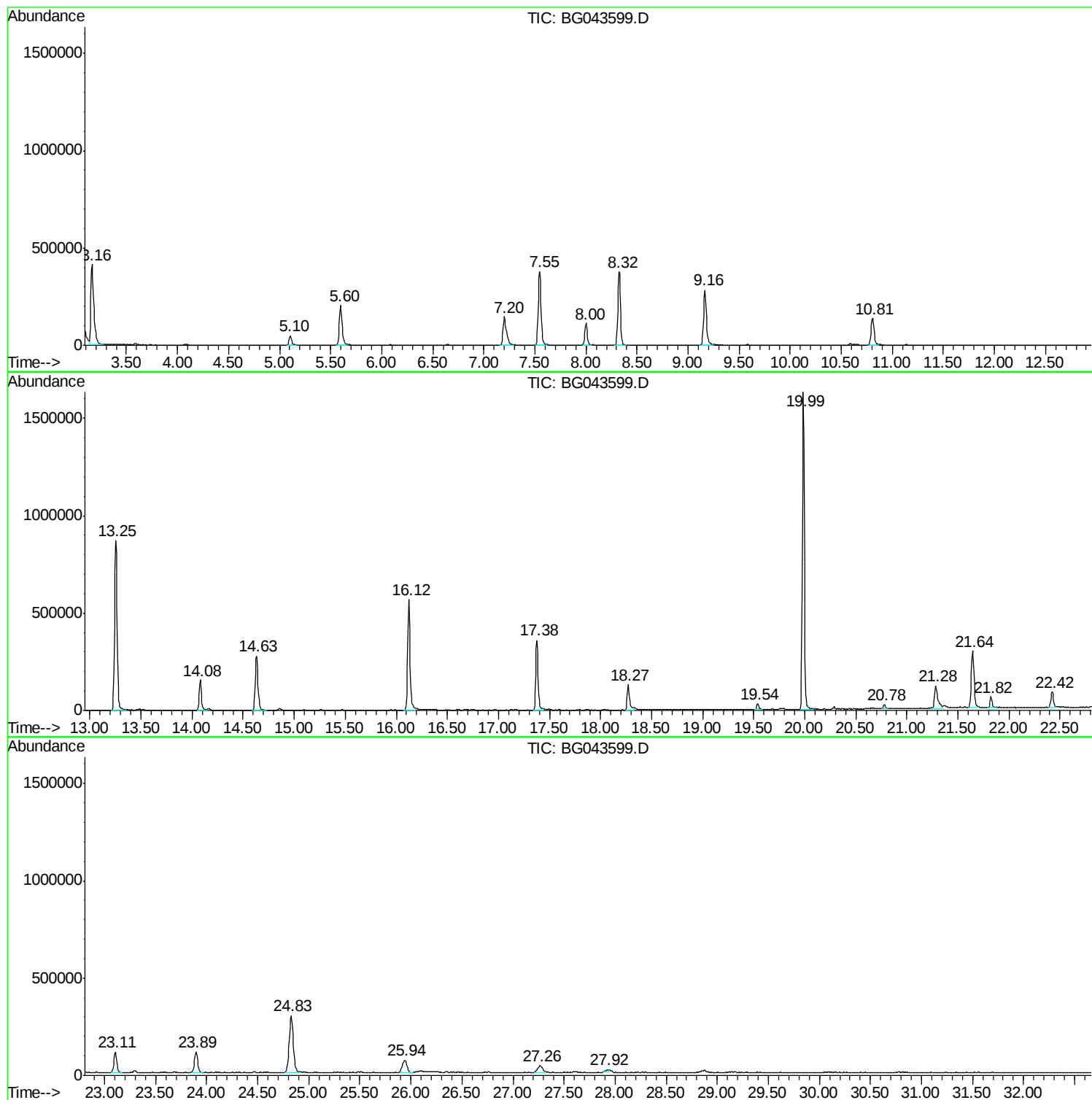
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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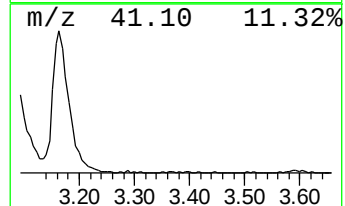
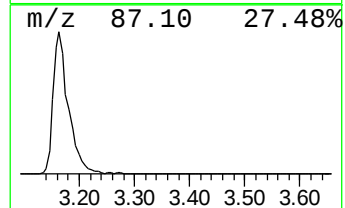
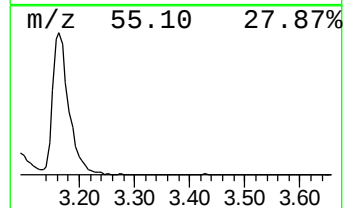
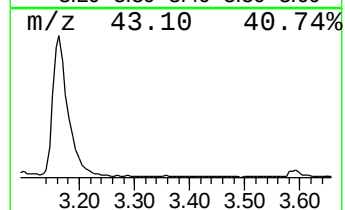
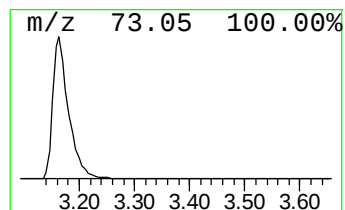
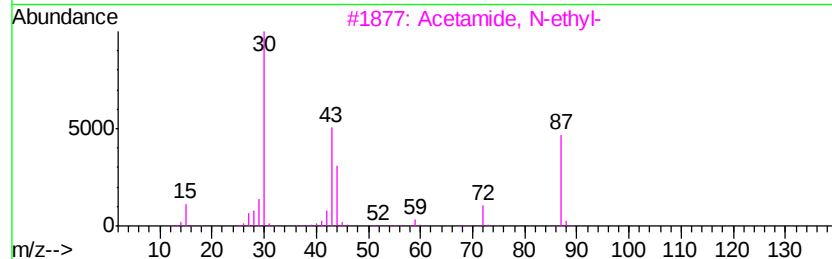
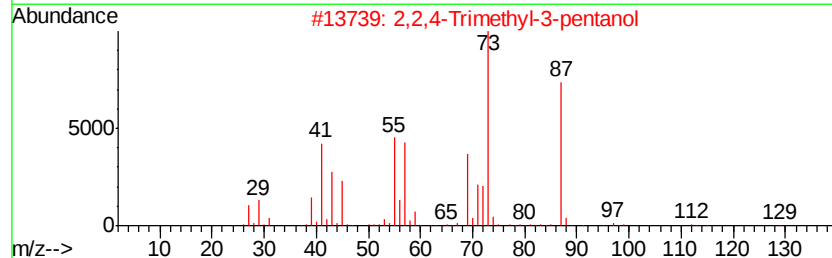
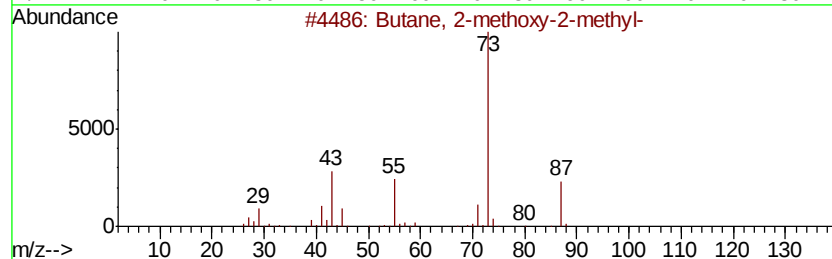
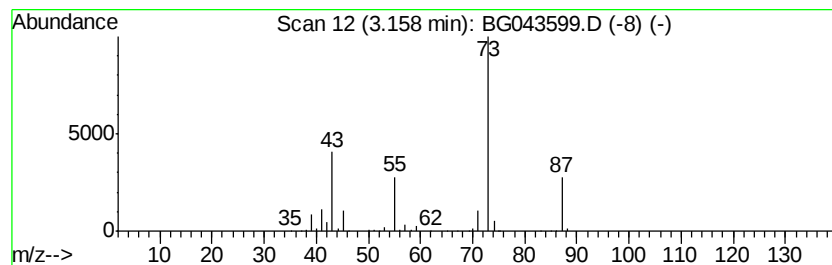
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	80.87 ng	811306	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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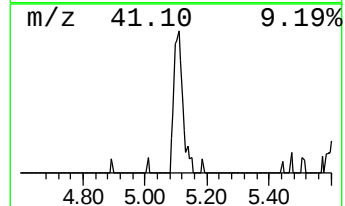
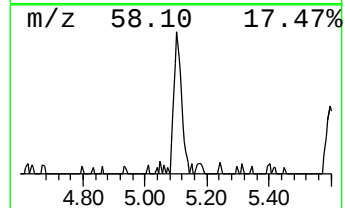
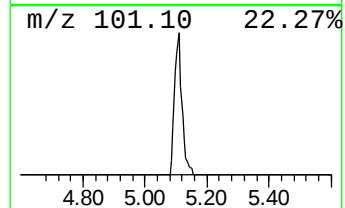
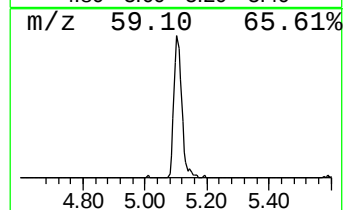
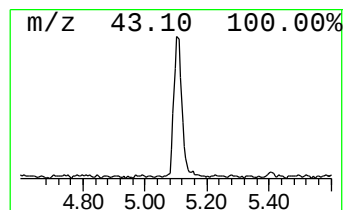
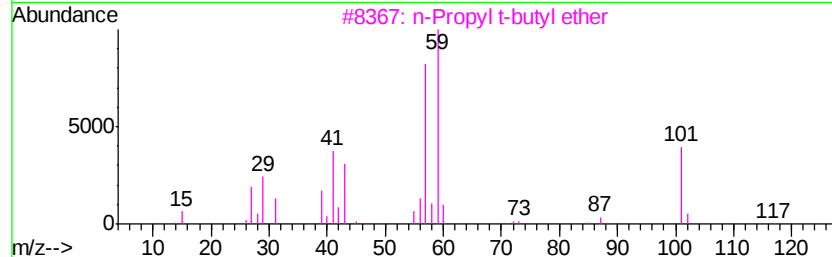
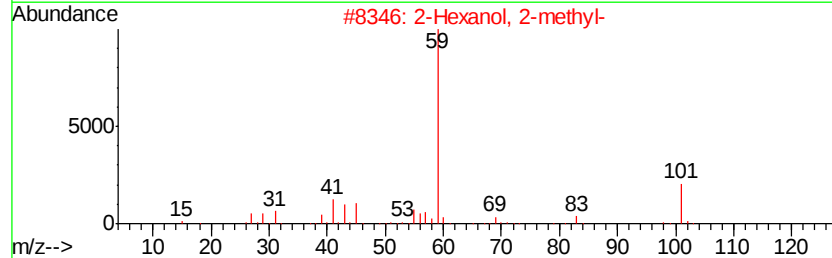
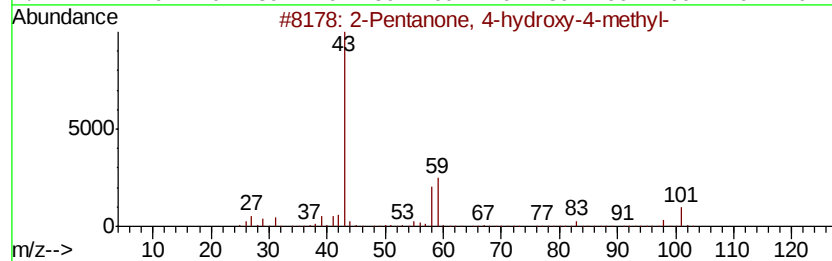
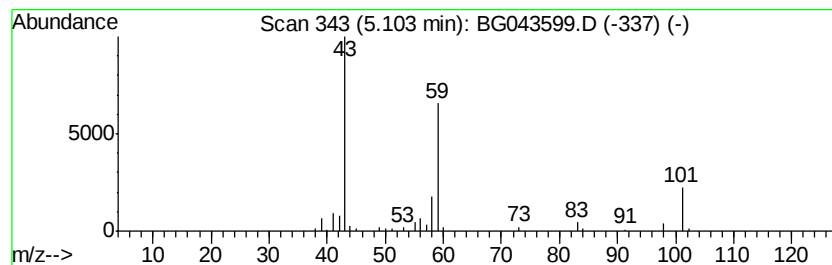
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	8.57 ng	85970	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3		n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5		1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25



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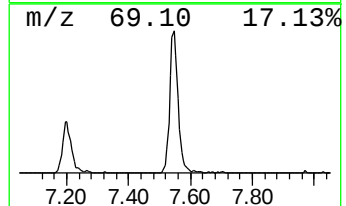
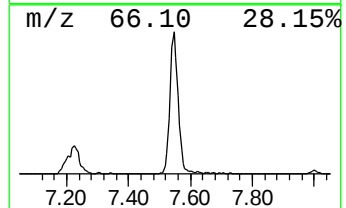
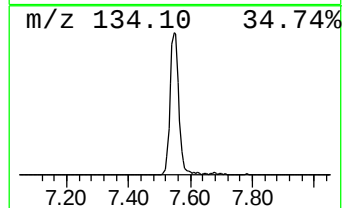
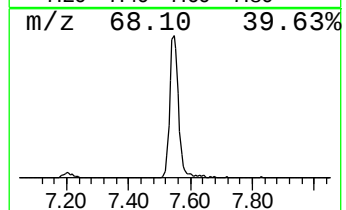
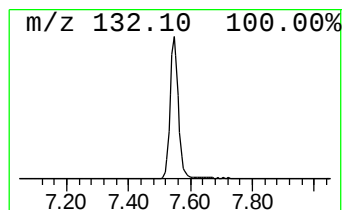
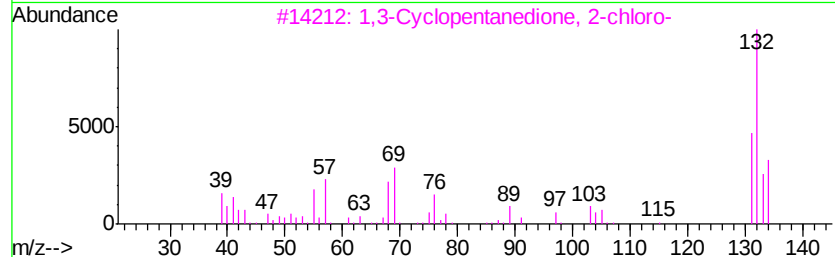
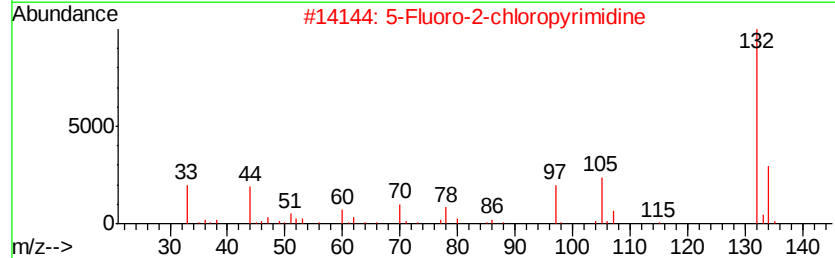
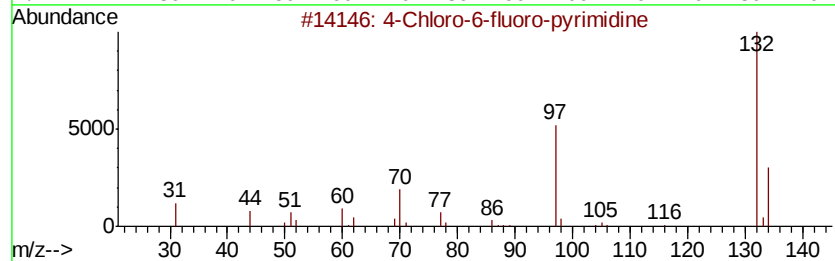
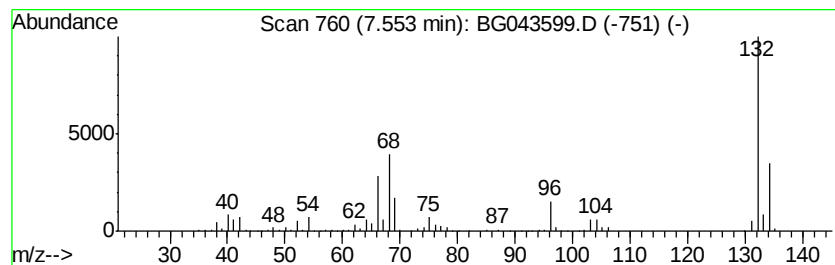
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Peak Number 3 unknown7.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	70.51 ng	707338	1,4-Dichlorobenzene-d4	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	35
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25



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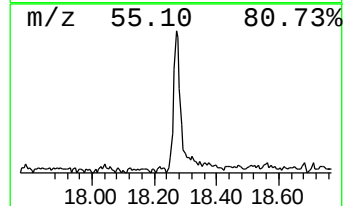
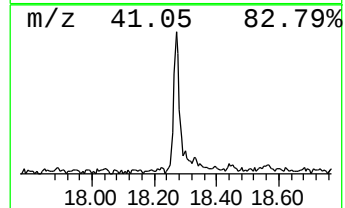
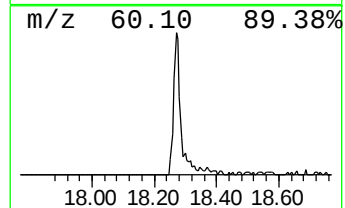
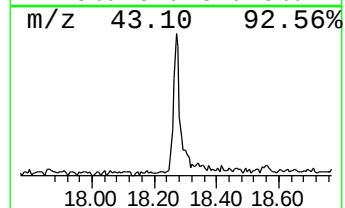
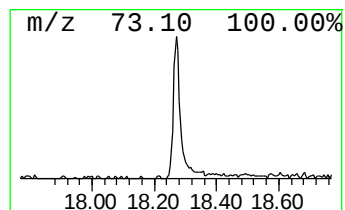
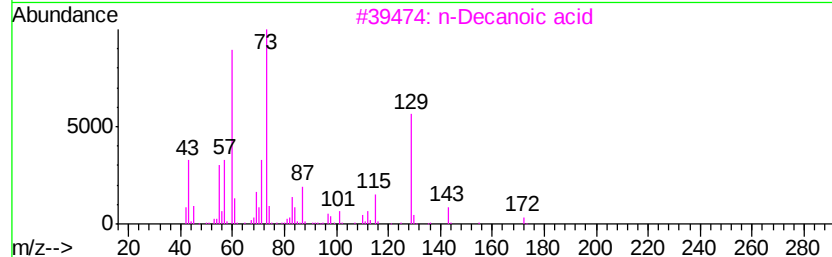
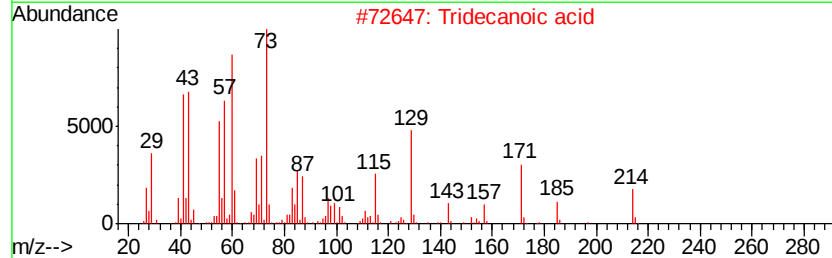
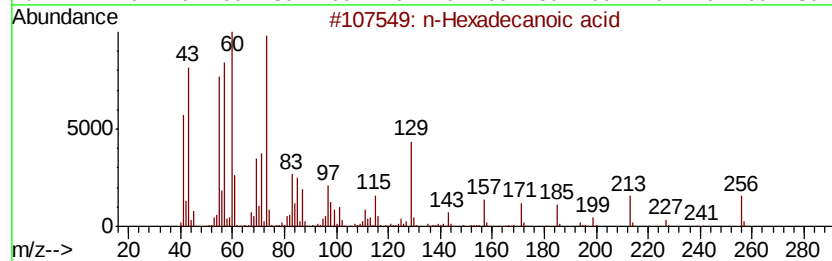
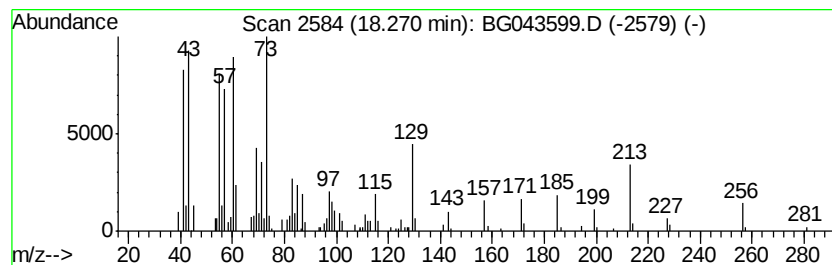
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	7.28 ng	211298	Phenanthrene-d10	17.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		n-Decanoic acid	172	C10H20O2	000334-48-5	78
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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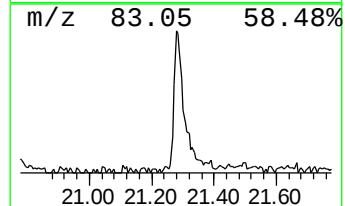
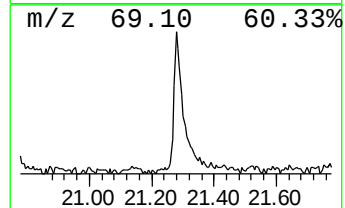
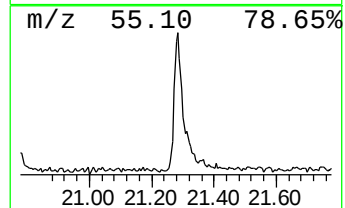
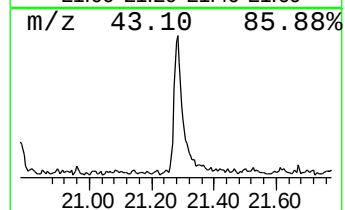
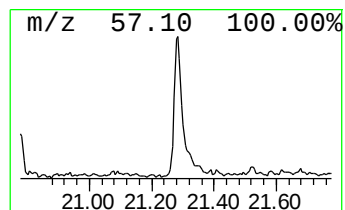
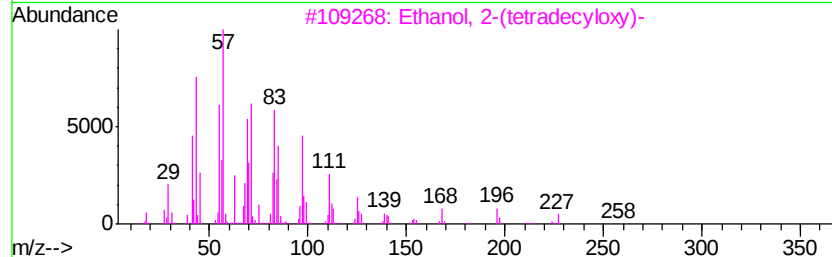
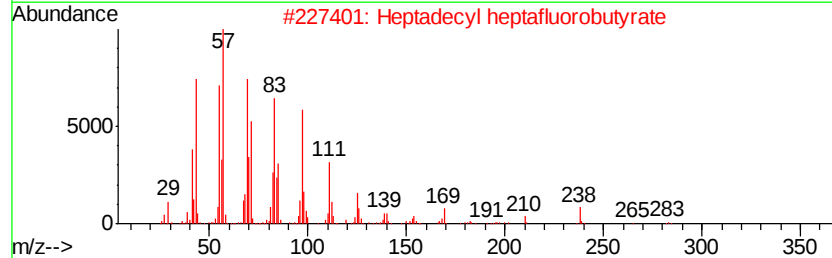
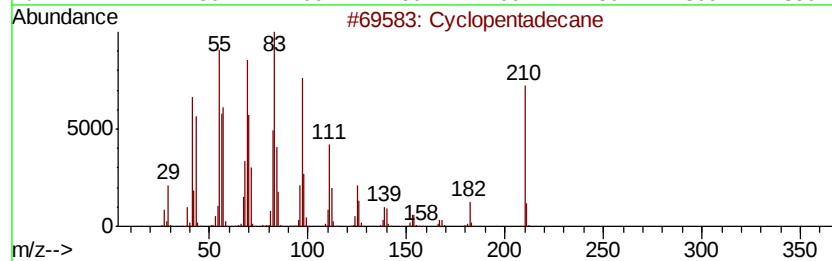
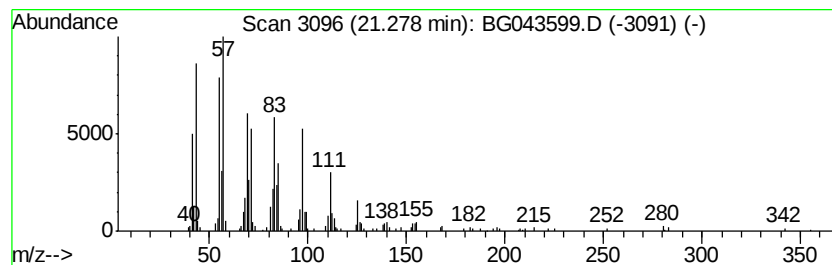
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Peak Number 6 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	8.76 ng	242702	Chrysene-d12	21.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	92
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87



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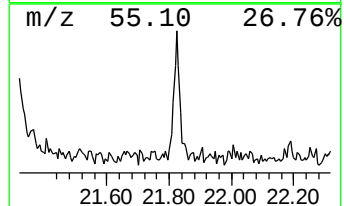
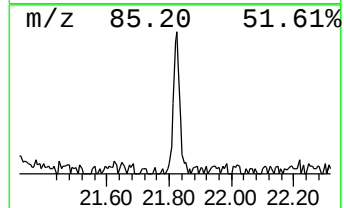
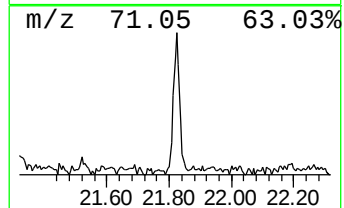
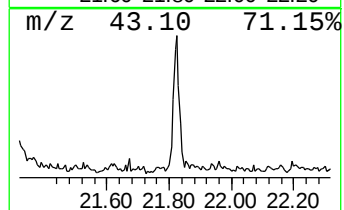
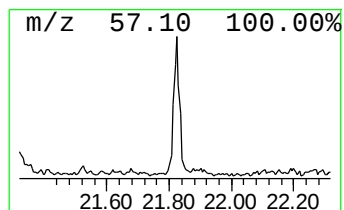
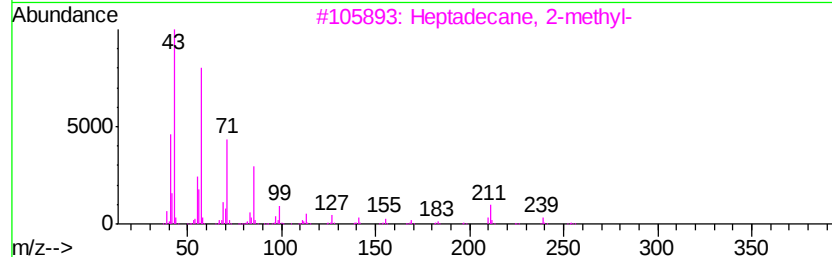
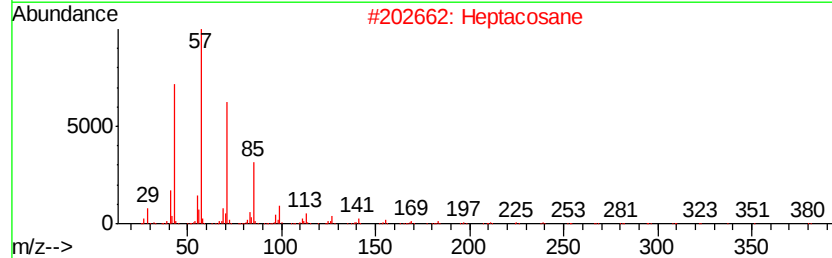
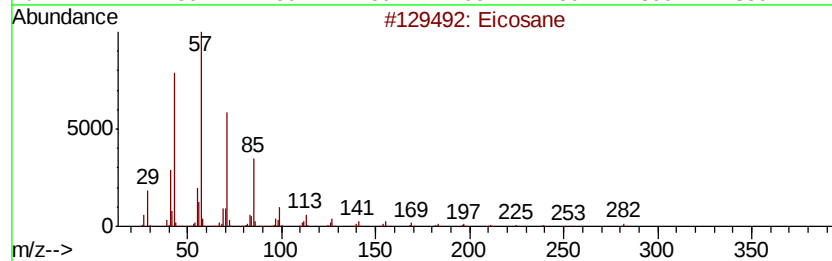
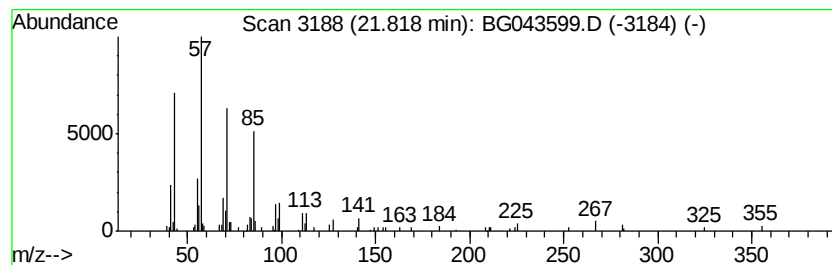
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	2.78 ng	77115	Chrysene-d12	21.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heptacosane	380	C27H56	000593-49-7	87
3		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043599.D
Acq On : 12 Nov 2019 1:09
Operator : JU
Sample : K5760-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
3425

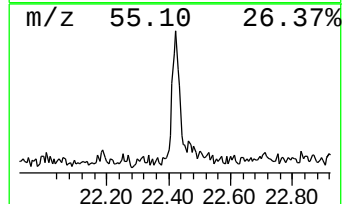
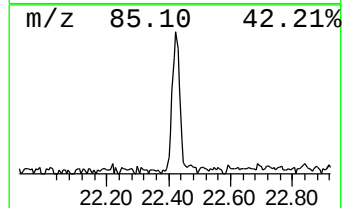
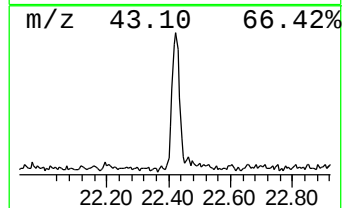
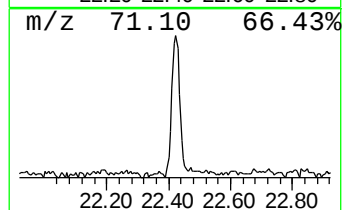
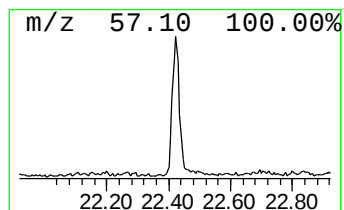
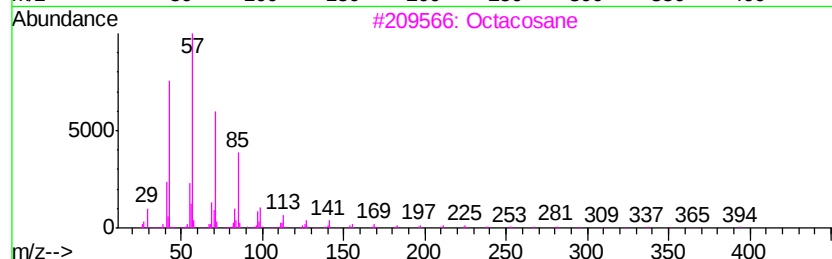
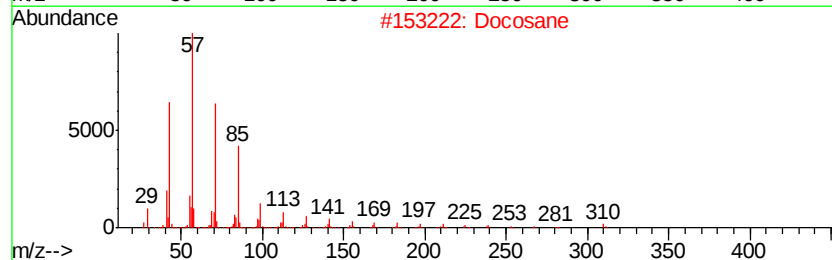
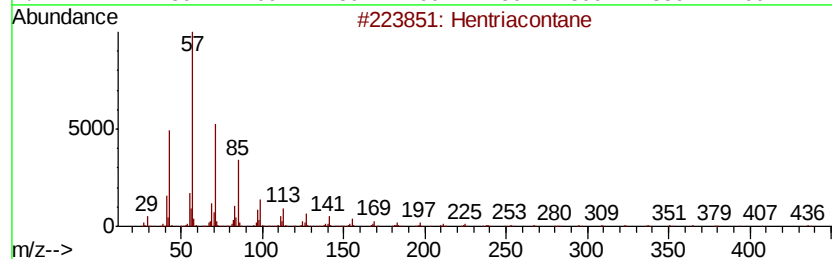
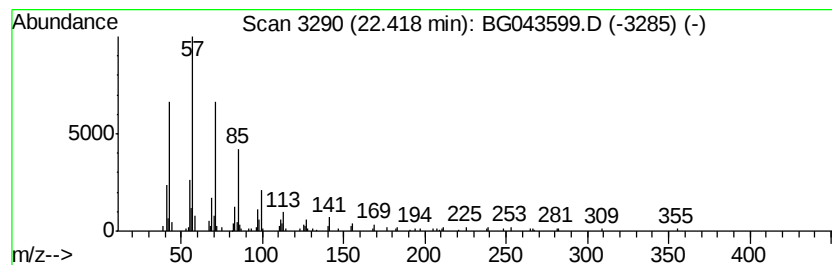
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	5.05 ng	140014	Chrysene-d12	21.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Docosane		310	C22H46	000629-97-0	91
3	Octacosane		394	C28H58	000630-02-4	90
4	2-methyloctacosane		408	C29H60	1000376-72-8	90
5	Hexacosane		366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043599.D
Acq On : 12 Nov 2019 1:09
Operator : JU
Sample : K5760-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
3425

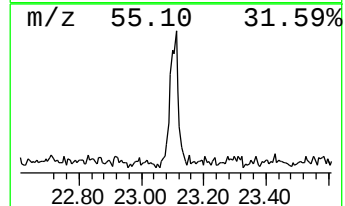
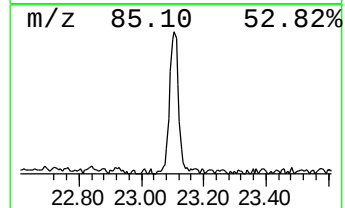
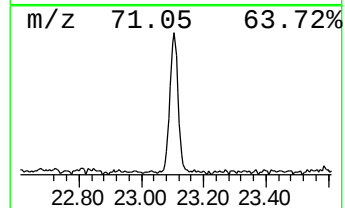
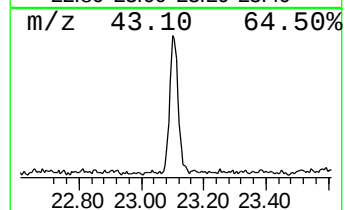
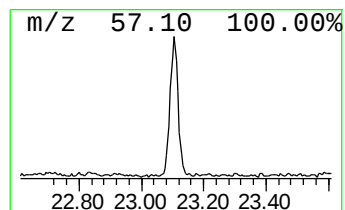
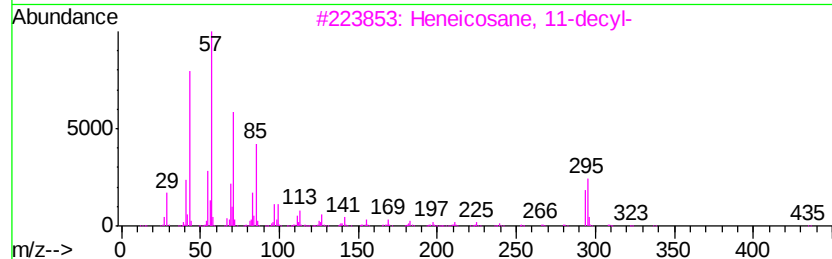
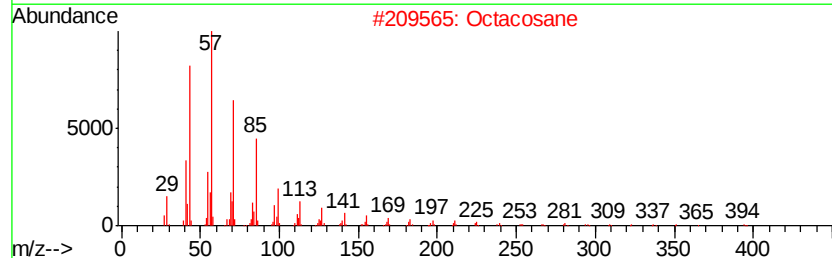
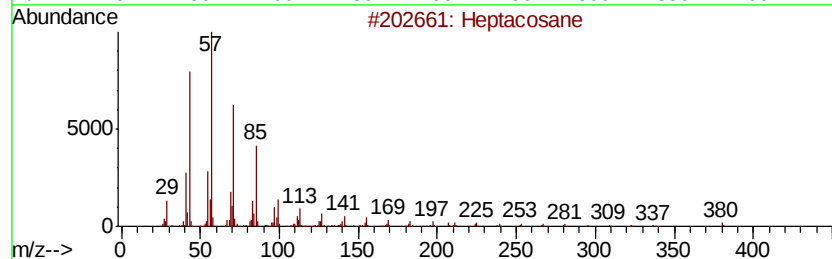
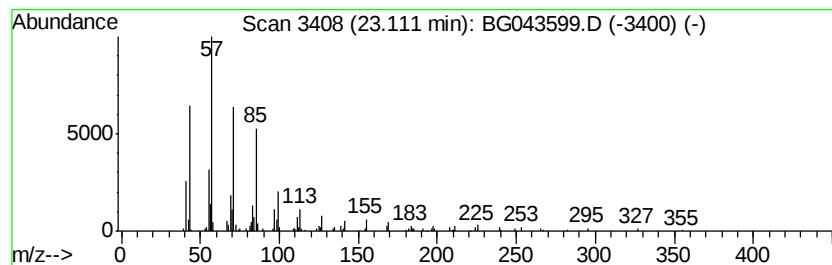
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	6.96 ng	192817	Chrysene-d12	21.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Heneicosane, 11-decyl-		437	C31H64	055320-06-4	90
4	Tetratetracontane		619	C44H90	007098-22-8	90
5	Hentriacontane		437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043599.D
Acq On : 12 Nov 2019 1:09
Operator : JU
Sample : K5760-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

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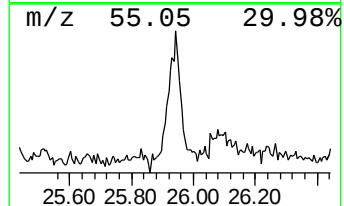
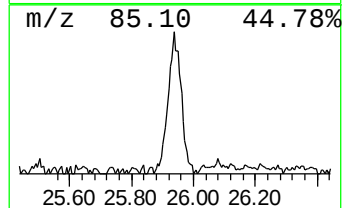
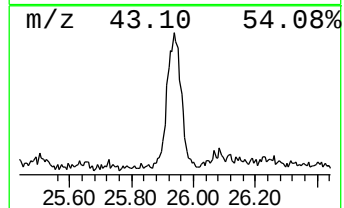
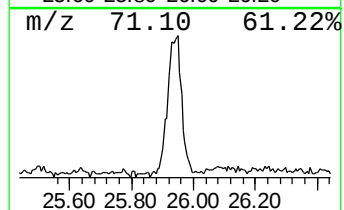
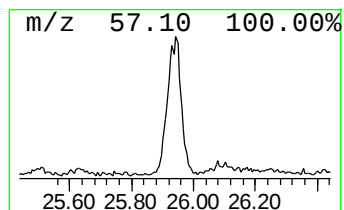
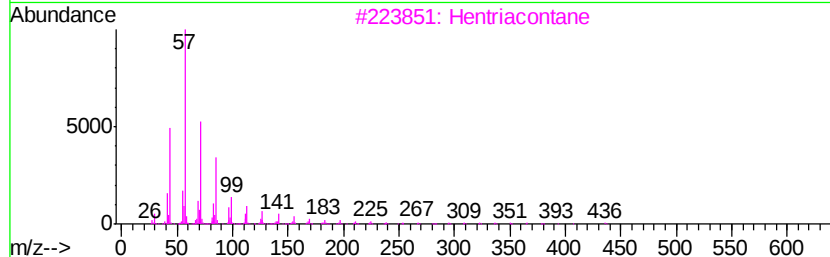
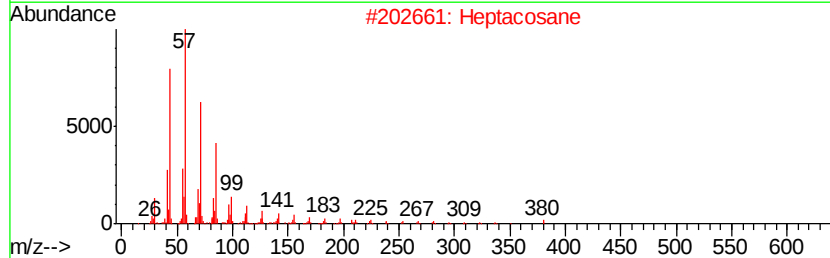
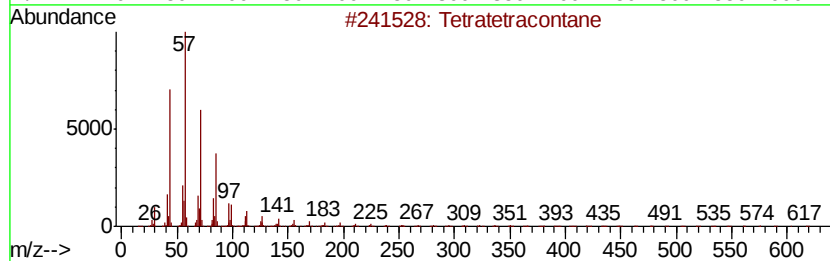
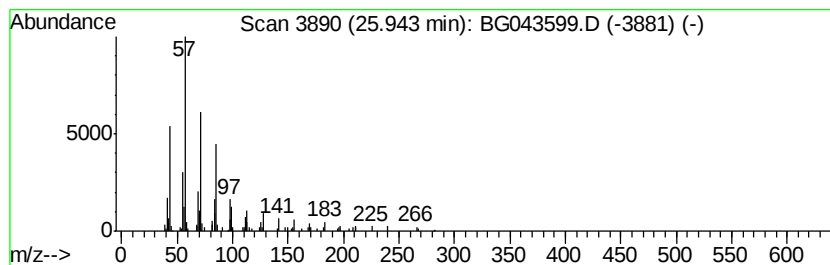
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.94	4.80 ng	198093	Perylene-d12	24.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111119\
Data File : BG043599.D
Acq On : 12 Nov 2019 1:09
Operator : JU
Sample : K5760-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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...	3.16	80.9	ng	811306	1	8.00	200646	20.0
2-Pentanone, 4-hy...	5.10	8.6	ng	85970	1	8.00	200646	20.0
unknown7.55	7.55	70.5	ng	707338	1	8.00	200646	20.0
n-Hexadecanoic acid	18.27	7.3	ng	211298	4	17.38	580640	20.0
Cyclopentadecane	21.28	8.8	ng	242702	5	21.64	554267	20.0
Eicosane	21.82	2.8	ng	77115	5	21.64	554267	20.0
Hentriacontane	22.42	5.0	ng	140014	5	21.64	554267	20.0
Heptacosane	23.11	7.0	ng	192817	5	21.64	554267	20.0
Tetratetracontane	25.94	4.8	ng	198093	6	24.83	824573	20.0