

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043923.D
 Acq On : 4 Jan 2020 15:29
 Operator : JU
 Sample : K6449-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-03

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-BG123019.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	3.147	5	10	31	rVB	1815426	2731426	28.56%	4.711%
2	5.068	331	337	349	rBV	308016	483911	5.06%	0.835%
3	5.538	410	417	428	rBV	1576799	2572834	26.90%	4.437%
4	7.130	680	688	704	rVB	1171642	2099195	21.95%	3.621%
5	7.501	742	751	759	rBV	2522899	4418758	46.21%	7.621%
6	7.965	823	830	839	rBV	471943	809838	8.47%	1.397%
7	8.288	877	885	894	rBV	1866804	3270656	34.20%	5.641%
8	9.116	1018	1026	1036	rBV	1571640	2932706	30.67%	5.058%
9	10.767	1298	1307	1314	rBV	652505	1224023	12.80%	2.111%
10	13.217	1717	1724	1734	rBV	4181602	6787028	70.97%	11.706%
11	14.046	1859	1865	1871	rBV	307084	453302	4.74%	0.782%
12	14.592	1952	1958	1966	rBV	1172602	1837520	19.22%	3.169%
13	16.079	2204	2211	2223	rBV	3724601	5793830	60.59%	9.993%
14	17.336	2419	2425	2432	rBV	1424236	2117617	22.14%	3.652%
15	18.241	2575	2579	2586	rBV	115634	187501	1.96%	0.323%
16	19.951	2864	2870	2878	rBV	6633931	9562890	100.00%	16.494%
17	20.274	2922	2925	2930	rVB	109474	113705	1.19%	0.196%
18	20.767	3003	3009	3013	rBV2	197884	277538	2.90%	0.479%
19	21.261	3088	3093	3101	rBV2	1048970	1730264	18.09%	2.984%
20	21.590	3143	3149	3156	rVB	1300357	2162859	22.62%	3.730%
21	21.807	3182	3186	3193	rVB	349832	485076	5.07%	0.837%
22	22.407	3283	3288	3296	rBV	407385	690237	7.22%	1.190%
23	23.088	3398	3404	3412	rVB	403610	741613	7.76%	1.279%
24	23.875	3532	3538	3548	rVB2	373041	747826	7.82%	1.290%
25	24.716	3672	3681	3690	rBV2	800079	2174204	22.74%	3.750%
26	24.798	3690	3695	3704	rVB2	293884	726421	7.60%	1.253%
27	25.908	3876	3884	3895	rVB2	210749	605052	6.33%	1.044%
28	27.236	4103	4110	4119	rVB3	83078	241713	2.53%	0.417%

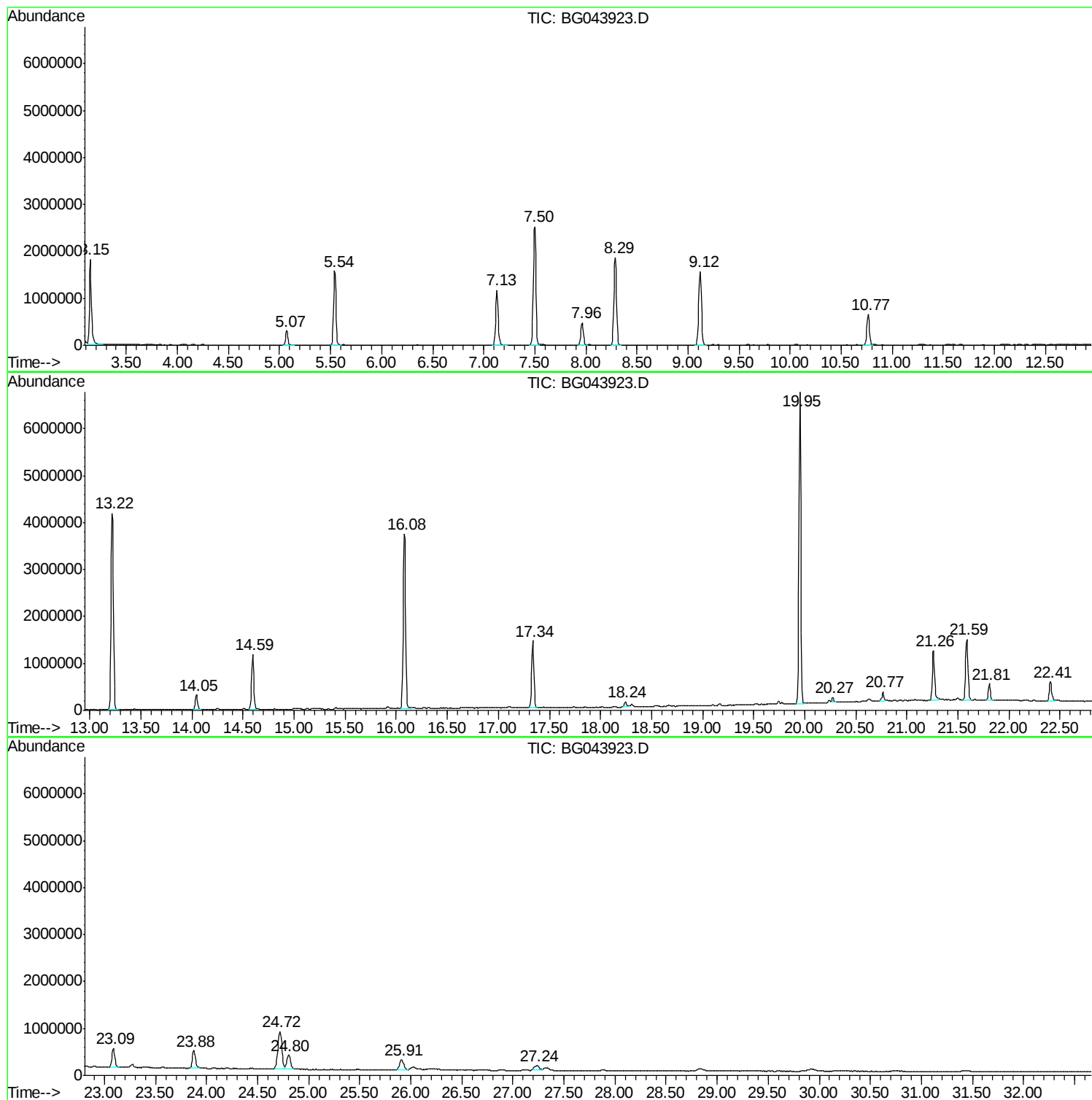
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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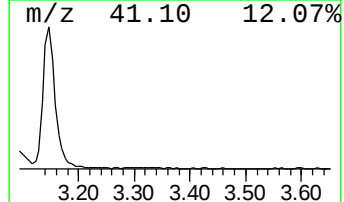
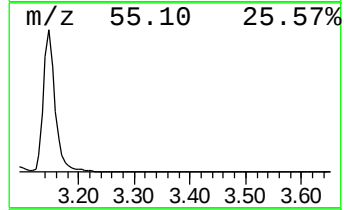
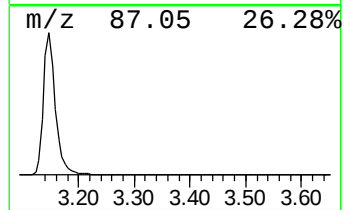
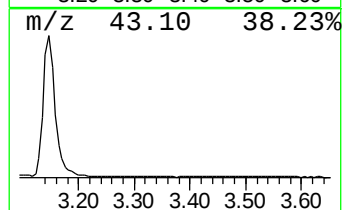
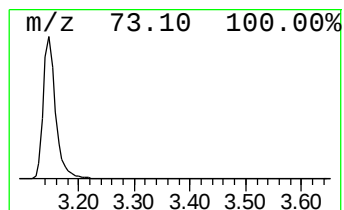
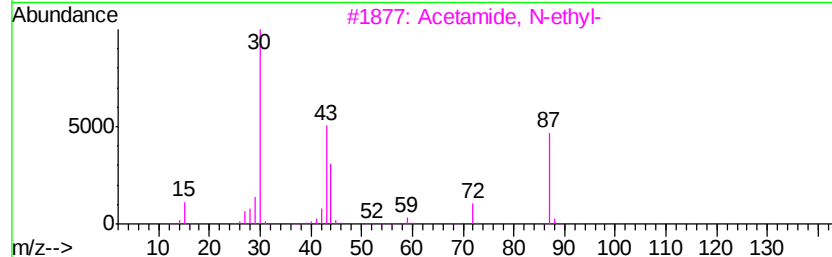
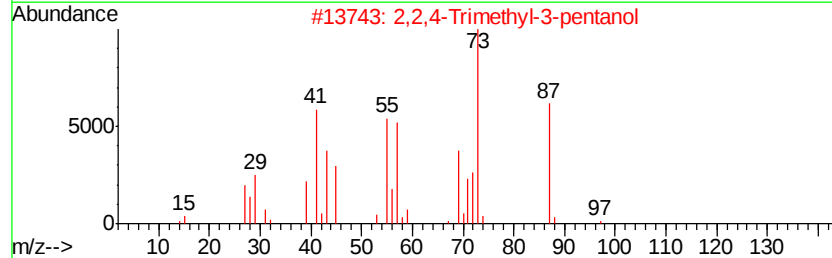
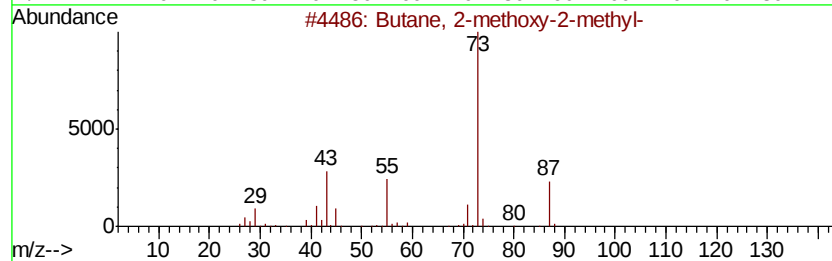
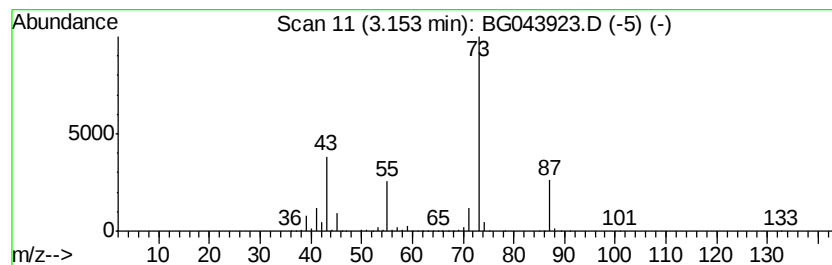
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	67.46 ng	2731430	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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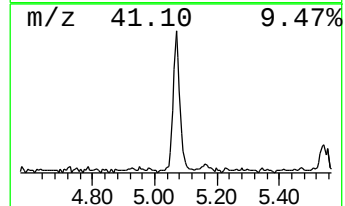
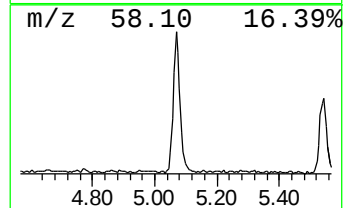
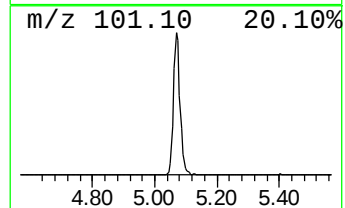
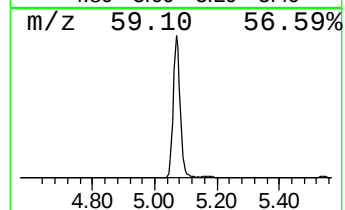
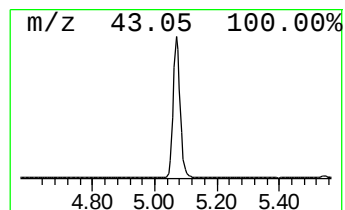
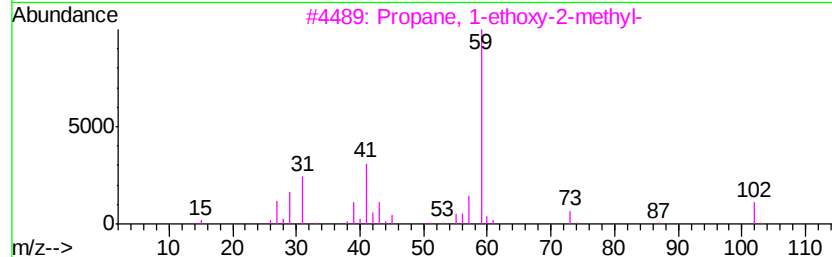
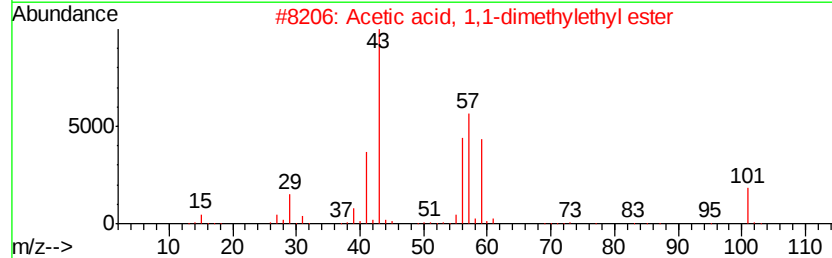
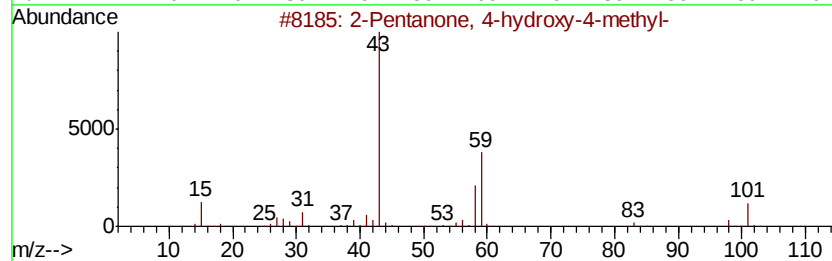
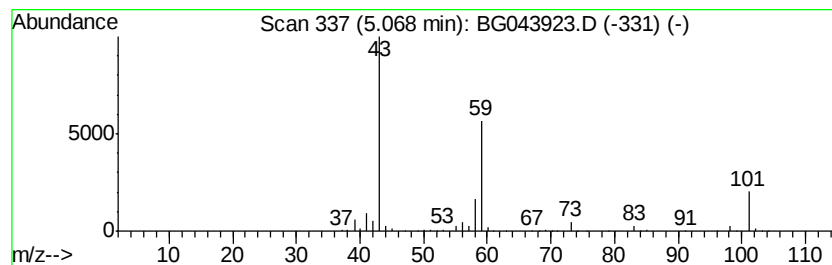
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	11.95 ng	483911	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5		2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	23



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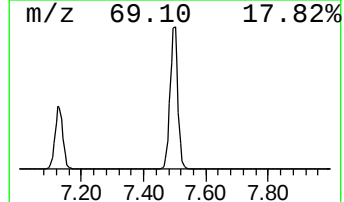
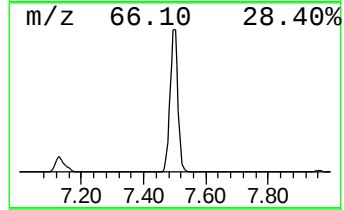
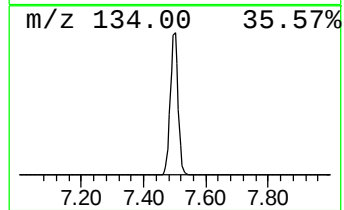
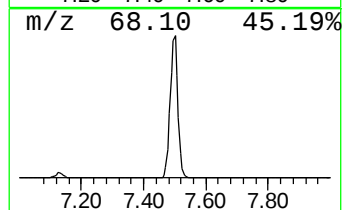
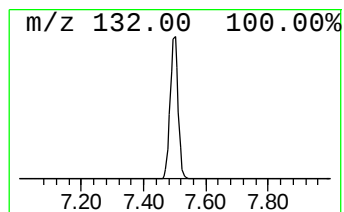
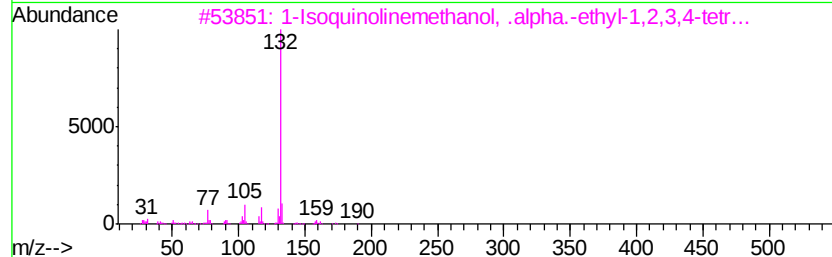
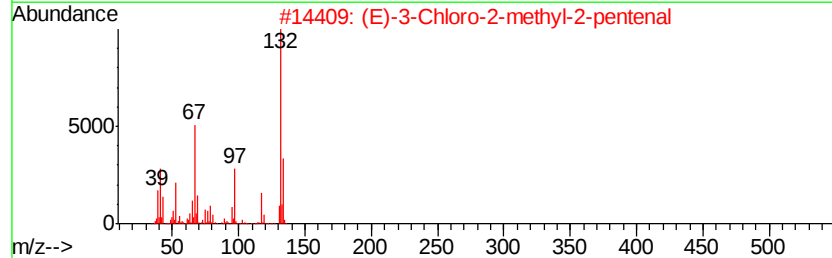
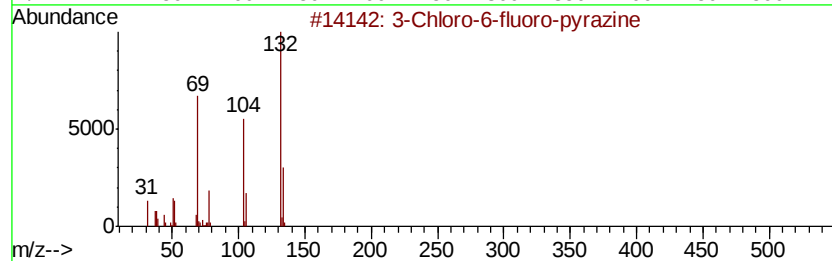
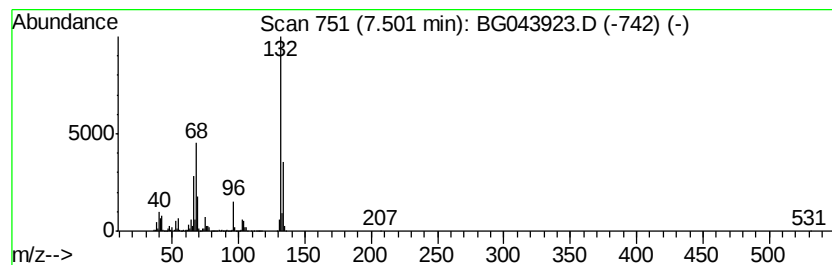
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Peak Number 3 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	109.13 ng	4418760	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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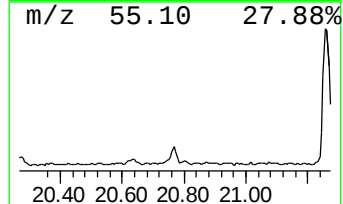
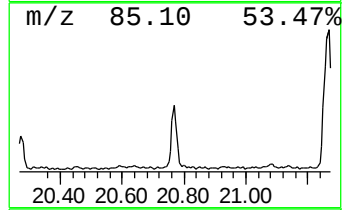
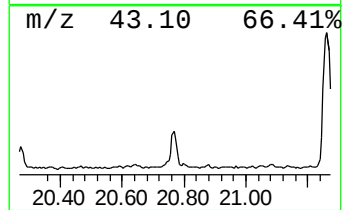
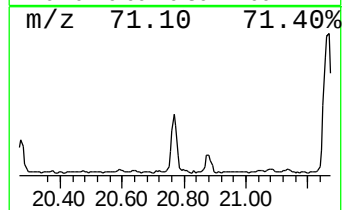
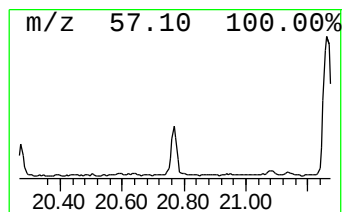
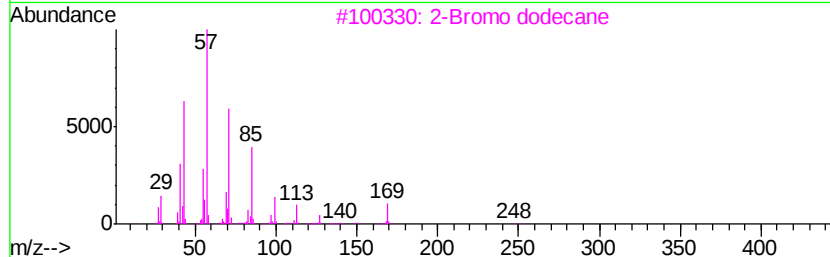
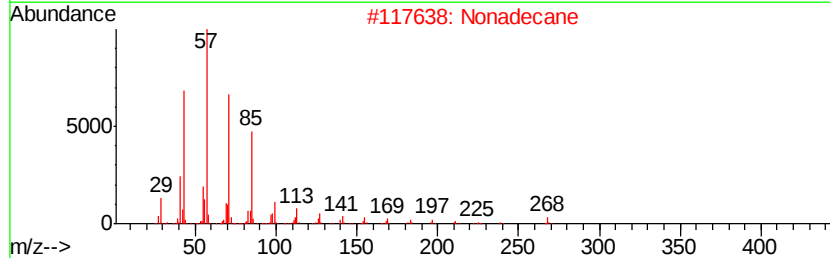
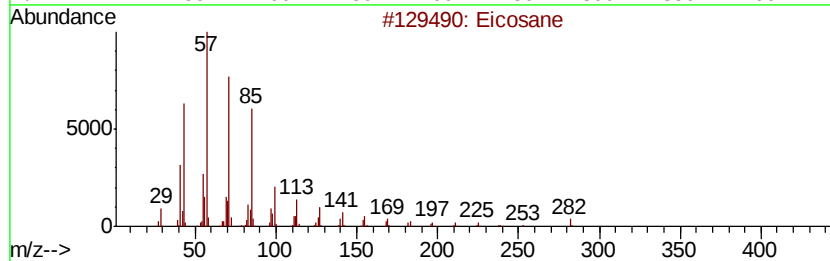
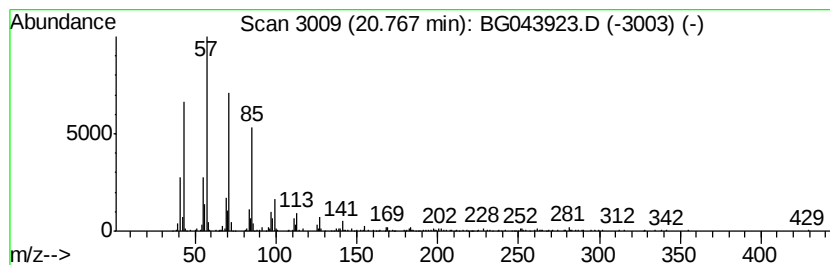
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Peak Number 5 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.57 ng	277538	Chrysene-d12	21.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Nonadecane		268	C19H40	000629-92-5	93
3	2-Bromo dodecane		248	C12H25Br	013187-99-0	93
4	Heneicosane		296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	87



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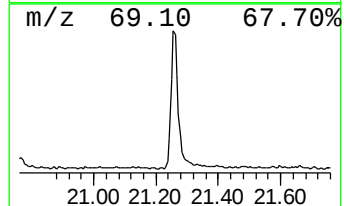
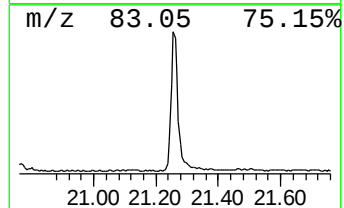
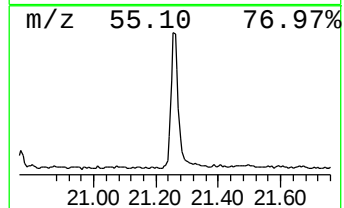
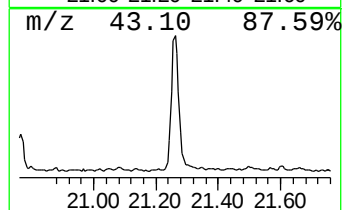
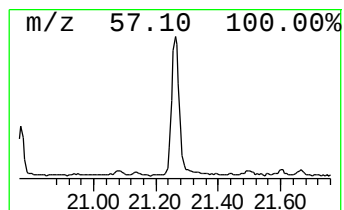
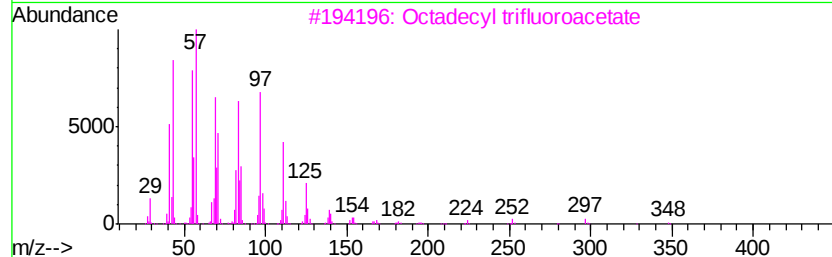
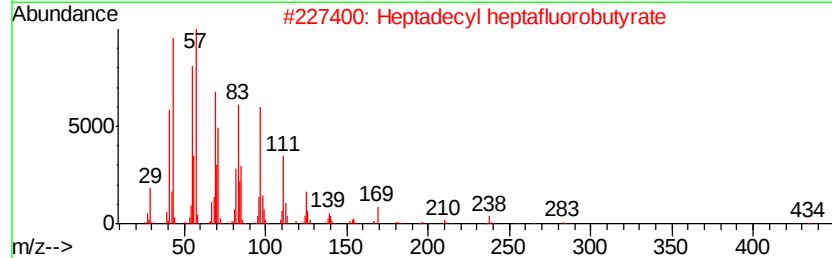
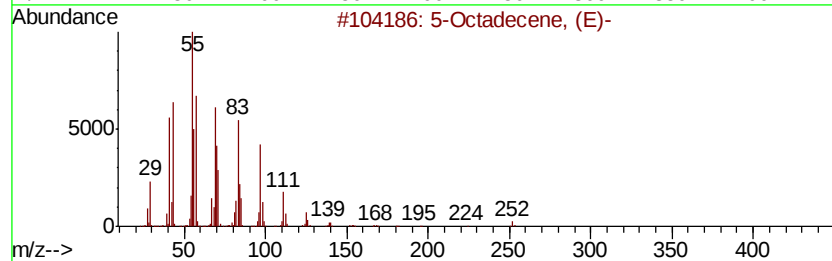
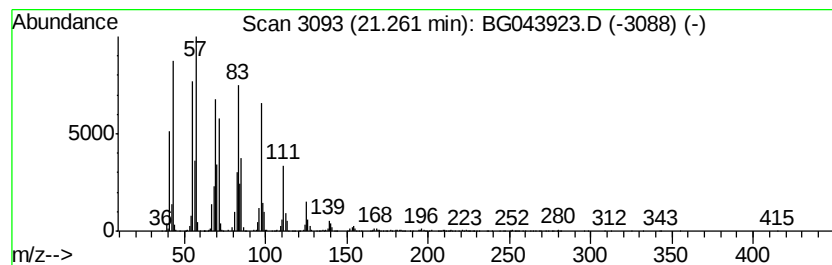
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Peak Number 6 5-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	16.00 ng	1730260	Chrysene-d12	21.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91



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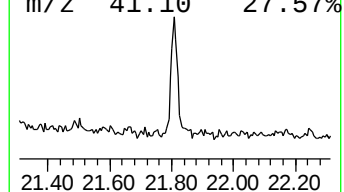
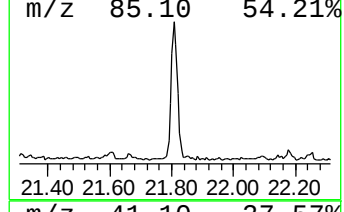
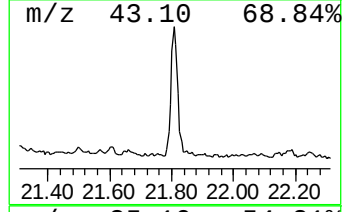
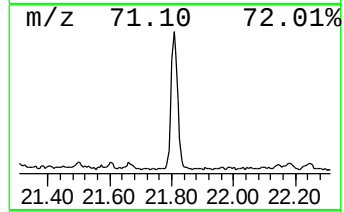
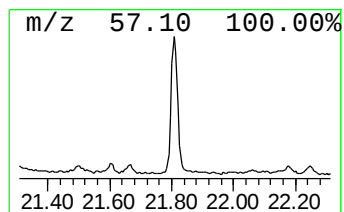
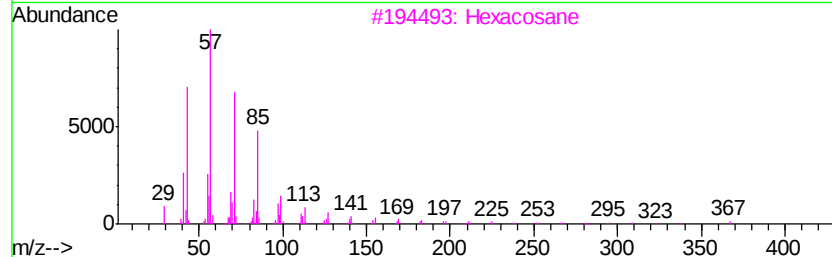
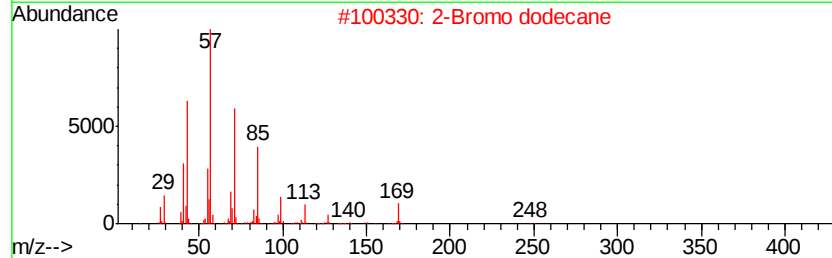
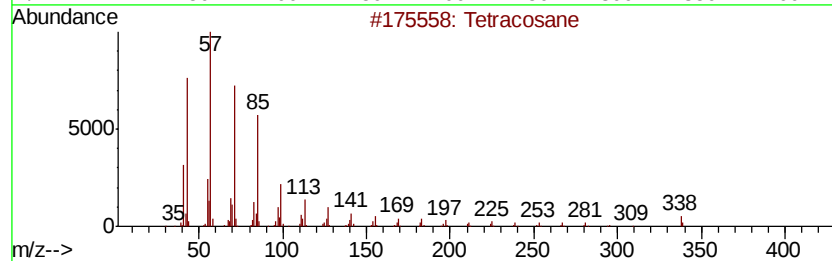
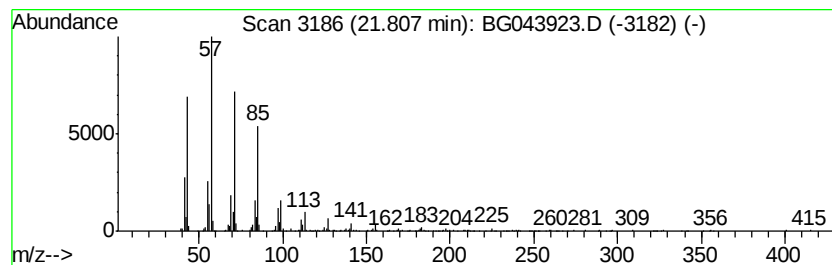
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	4.49 ng	485076	Chrysene-d12	21.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3			Hexacosane	366	C26H54	000630-01-3	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043923.D
Acq On : 4 Jan 2020 15:29
Operator : JU
Sample : K6449-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LW-03

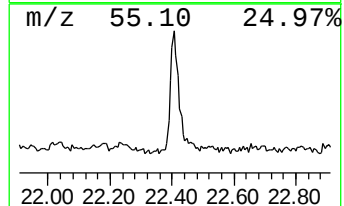
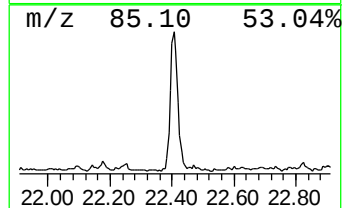
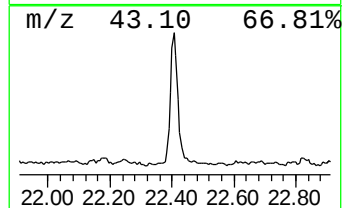
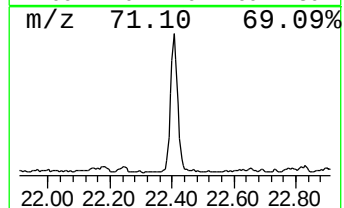
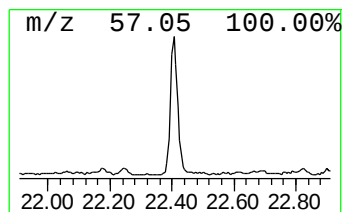
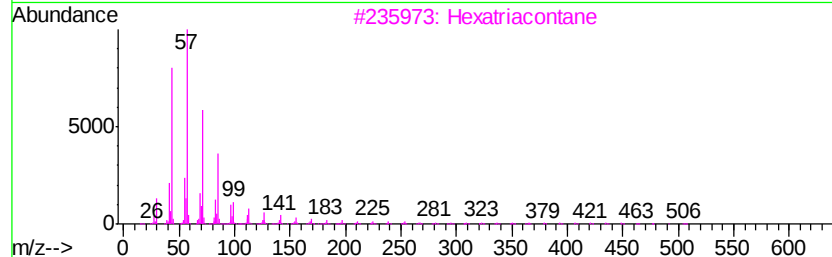
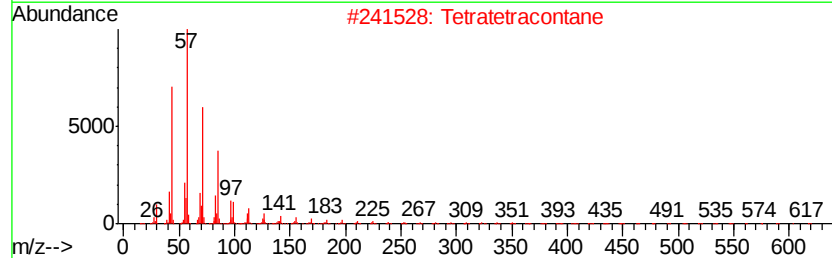
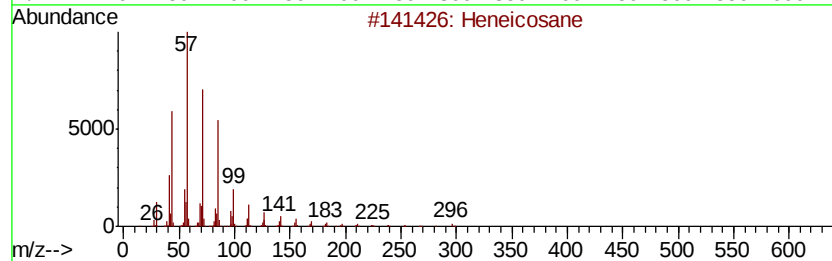
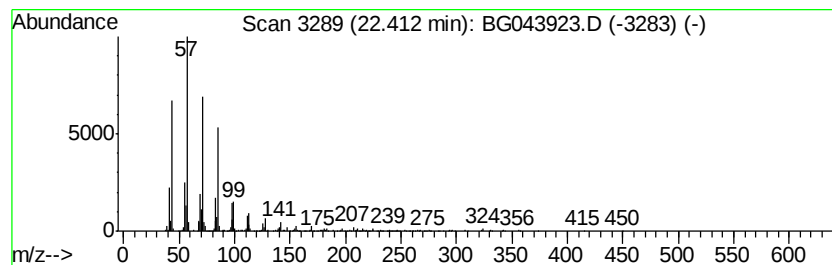
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	6.38 ng	690237	Chrysene-d12	21.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetratetracontane		619	C44H90	007098-22-8	91
3	Hexatriacontane		507	C36H74	000630-06-8	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043923.D
Acq On : 4 Jan 2020 15:29
Operator : JU
Sample : K6449-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LW-03

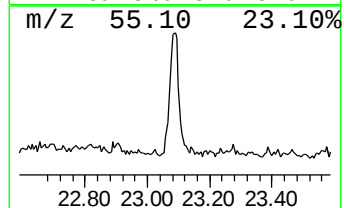
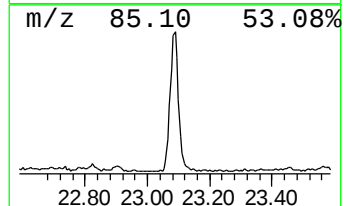
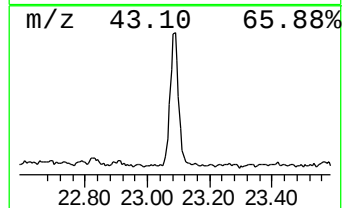
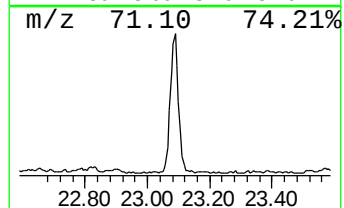
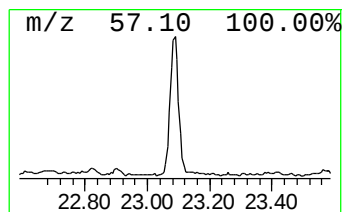
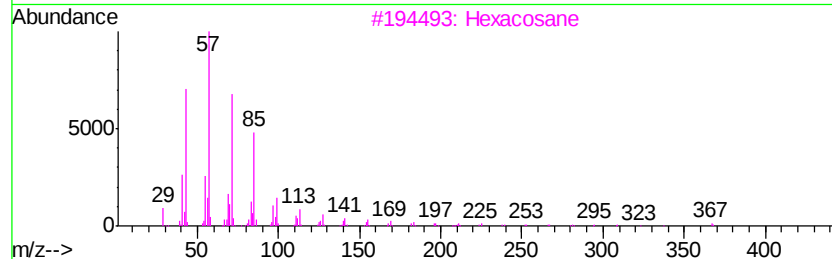
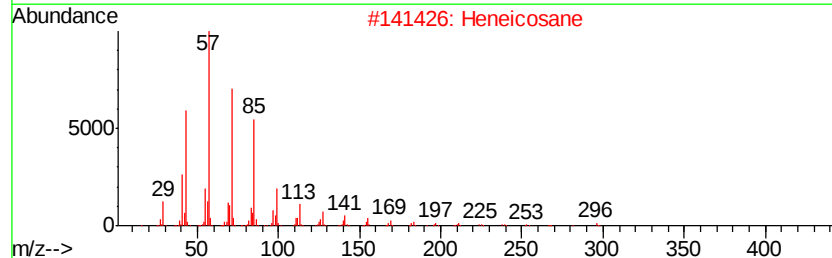
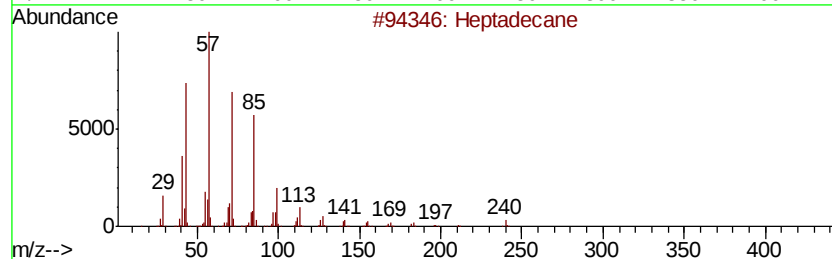
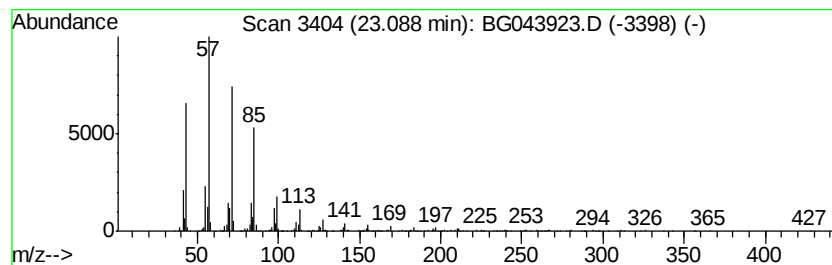
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	6.86 ng	741613	Chrysene-d12	21.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043923.D
 Acq On : 4 Jan 2020 15:29
 Operator : JU
 Sample : K6449-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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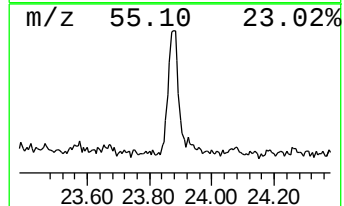
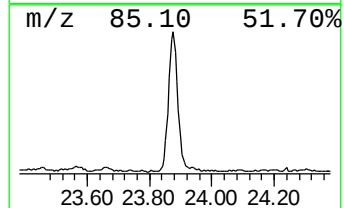
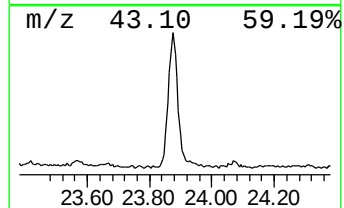
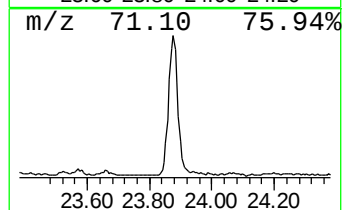
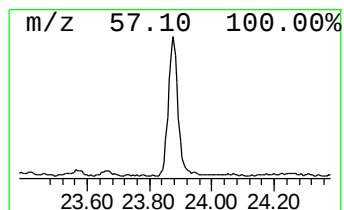
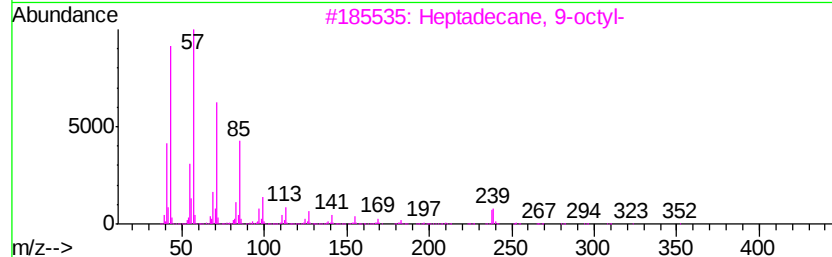
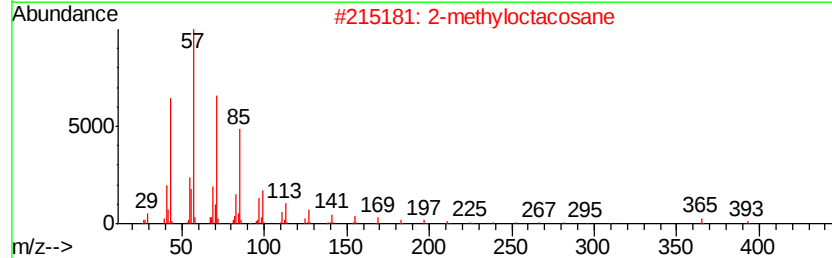
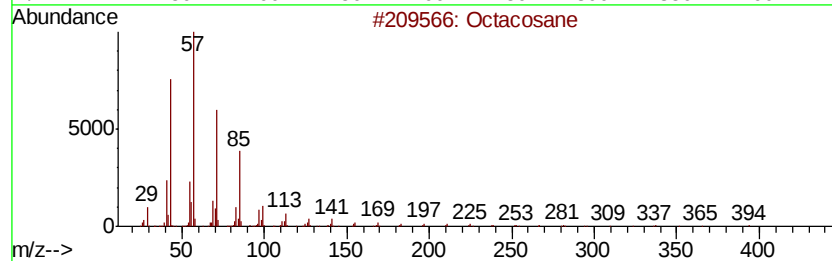
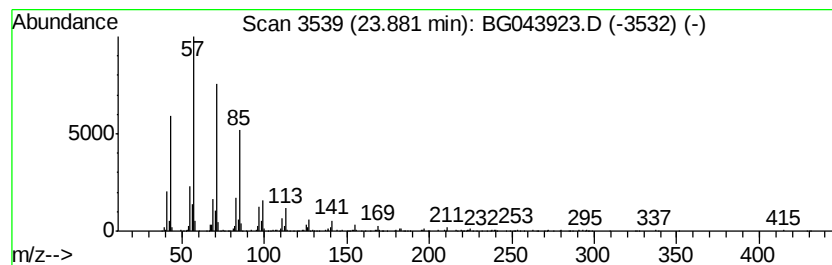
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	6.88 ng	747826	Perylene-d12	24.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043923.D
Acq On : 4 Jan 2020 15:29
Operator : JU
Sample : K6449-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LW-03

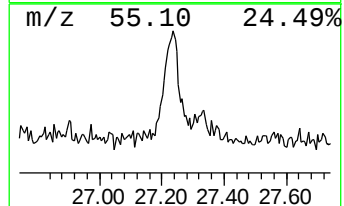
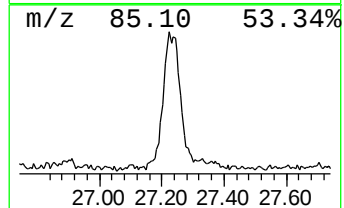
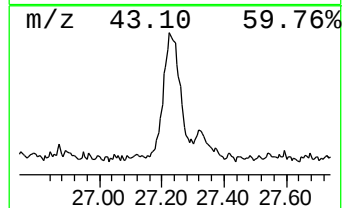
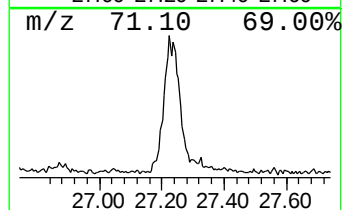
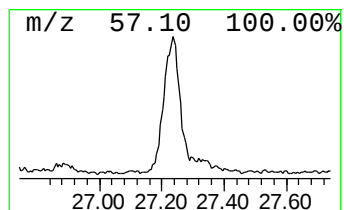
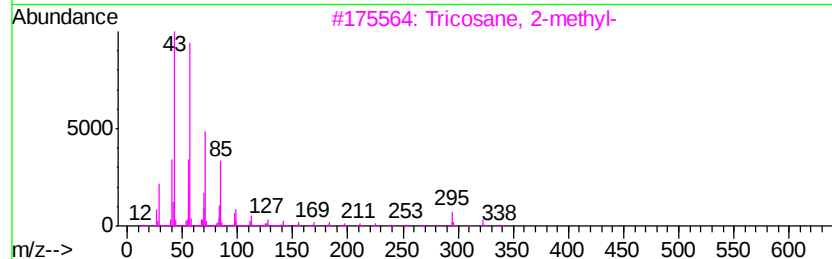
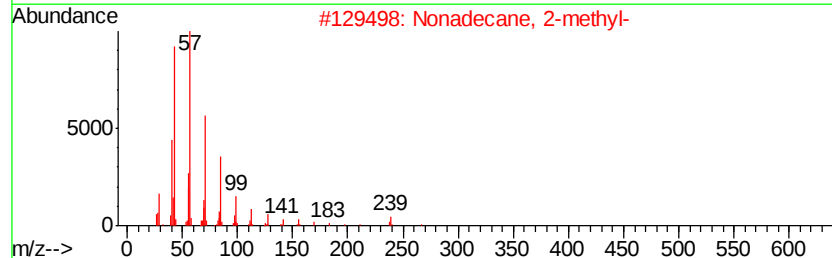
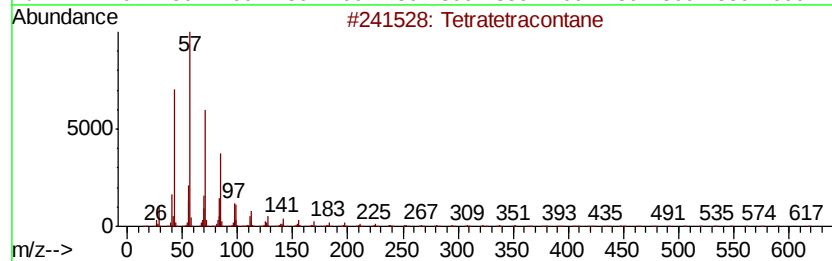
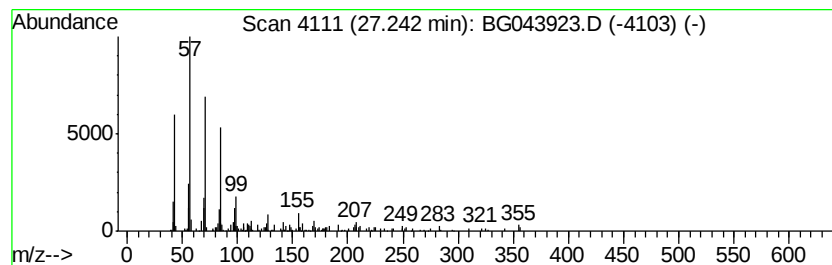
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetratetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.24	2.22 ng	241713	Perylene-d12	24.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	83
2		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
3		Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
4		Eicosane	282	C20H42	000112-95-8	80
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010320\
 Data File : BG043923.D
 Acq On : 4 Jan 2020 15:29
 Operator : JU
 Sample : K6449-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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...	3.15	67.5	ng	2731430	1	7.96	809838	20.0
2-Pentanone, 4-hy...	5.07	11.9	ng	483911	1	7.96	809838	20.0
unknown7.50	7.50	109.1	ng	4418760	1	7.96	809838	20.0
Eicosane	20.77	2.6	ng	277538	5	21.59	2162860	20.0
5-Octadecene, (E)-	21.26	16.0	ng	1730260	5	21.59	2162860	20.0
Tetracosane	21.81	4.5	ng	485076	5	21.59	2162860	20.0
Heneicosane	22.41	6.4	ng	690237	5	21.59	2162860	20.0
Heptadecane	23.09	6.9	ng	741613	5	21.59	2162860	20.0
Octacosane	23.88	6.9	ng	747826	6	24.72	2174200	20.0
Tetratetracontane	27.24	2.2	ng	241713	6	24.72	2174200	20.0