

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044767.D
 Acq On : 13 Mar 2020 14:58
 Operator : CG/JU
 Sample : L1887-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-GW

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-BG031020.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	3.158	6	12	20	rBV	244226	565847	7.38%	1.503%
2	3.234	20	25	32	rVB	170603	272303	3.55%	0.723%
3	5.156	348	352	363	rVB	56593	94443	1.23%	0.251%
4	5.620	424	431	440	rBV	936032	1541202	20.11%	4.093%
5	7.200	690	700	712	rBV	620619	1086940	14.18%	2.886%
6	8.052	836	845	851	rBV	382199	665116	8.68%	1.766%
7	8.117	851	856	865	rVB2	80573	135644	1.77%	0.360%
8	8.375	890	900	910	rBV	1593704	2836261	37.00%	7.532%
9	9.210	1034	1042	1050	rBV	1307325	2427883	31.68%	6.447%
10	10.861	1314	1323	1331	rBV	502984	935691	12.21%	2.485%
11	13.311	1732	1740	1748	rBV	3453284	5413433	70.63%	14.376%
12	14.133	1874	1880	1886	rBV	154303	243340	3.17%	0.646%
13	14.686	1966	1974	1980	rBV	817328	1324784	17.28%	3.518%
14	16.166	2219	2226	2237	rBV	2634050	4229815	55.18%	11.233%
15	17.429	2434	2441	2447	rBV	1031630	1594911	20.81%	4.235%
16	18.328	2589	2594	2602	rBV	265917	431208	5.63%	1.145%
17	18.399	2602	2606	2611	rVB	55412	83163	1.08%	0.221%
18	19.597	2806	2810	2819	rBV2	145994	228383	2.98%	0.606%
19	20.044	2879	2886	2893	rBV	5703155	7664828	100.00%	20.355%
20	21.366	3106	3111	3123	rBV	510824	845886	11.04%	2.246%
21	21.701	3161	3168	3180	rVB	1028609	1759735	22.96%	4.673%
22	21.930	3204	3207	3214	rVB3	61344	88277	1.15%	0.234%
23	22.553	3308	3313	3324	rVB4	99057	204708	2.67%	0.544%
24	23.252	3426	3432	3438	rBV	122877	232594	3.03%	0.618%
25	24.075	3565	3572	3579	rBV	134454	290065	3.78%	0.770%
26	24.915	3705	3715	3725	rVV2	600849	1785126	23.29%	4.741%
27	25.038	3728	3736	3748	rVB2	118856	342508	4.47%	0.910%
28	26.184	3924	3931	3942	rBV4	76155	227850	2.97%	0.605%
29	27.570	4161	4167	4175	rVB9	33918	104445	1.36%	0.277%

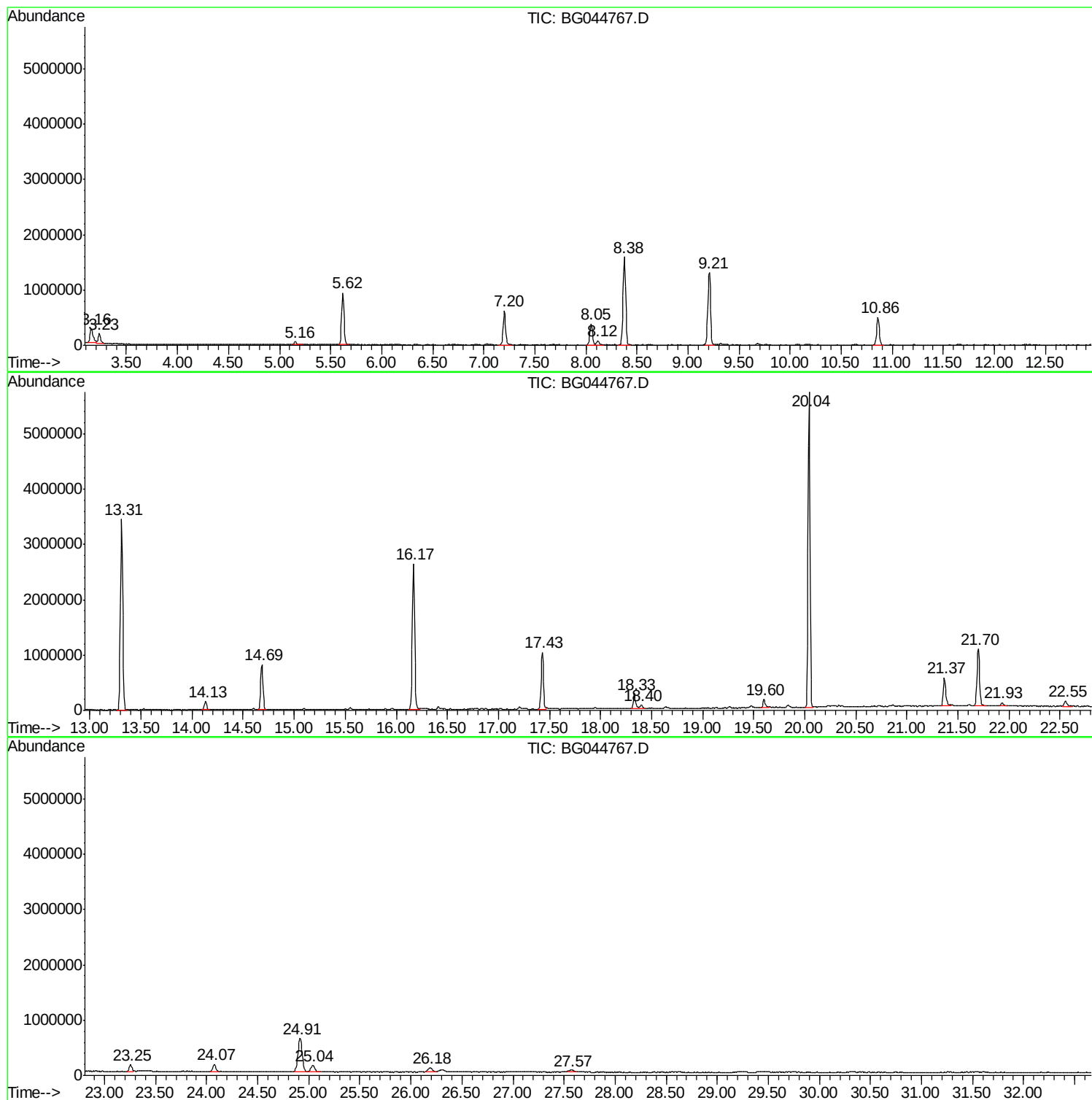
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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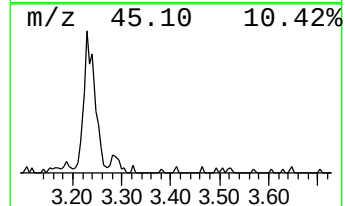
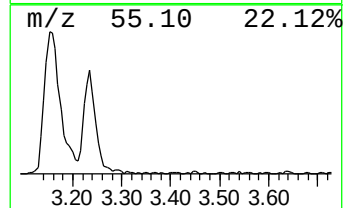
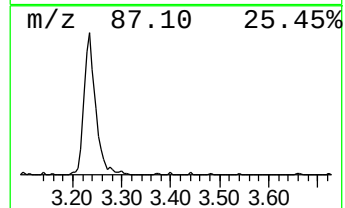
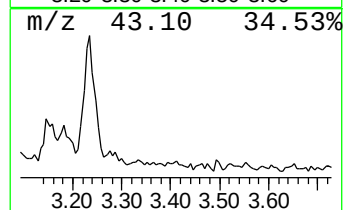
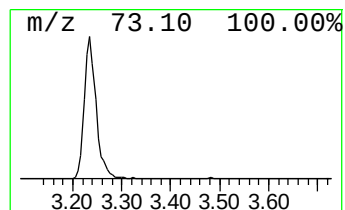
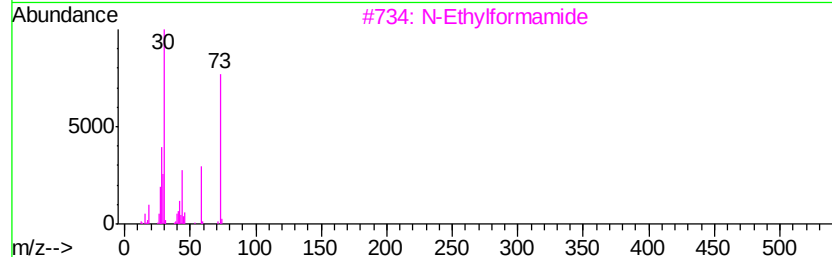
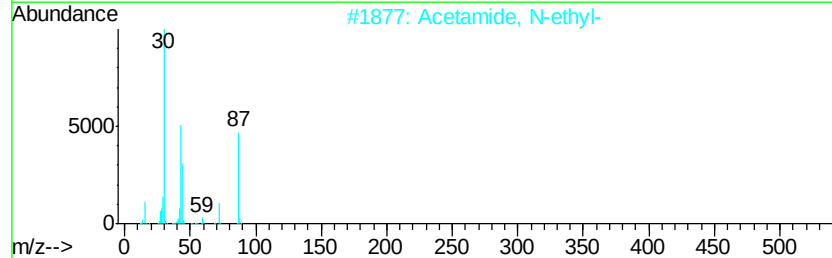
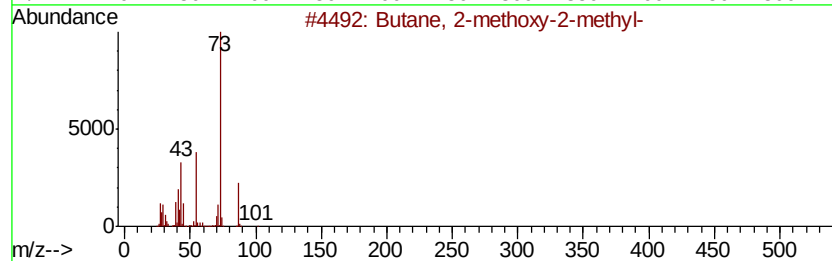
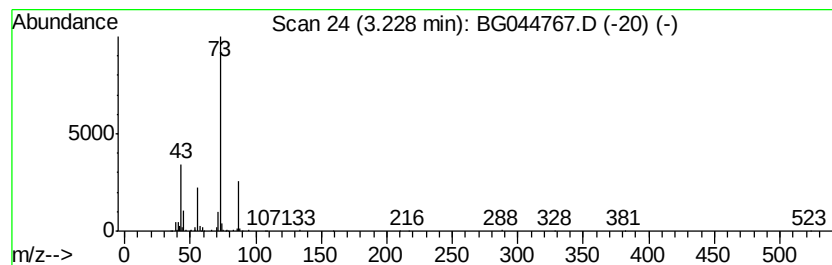
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown3.23 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	8.19 ng	272303	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
2		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	9



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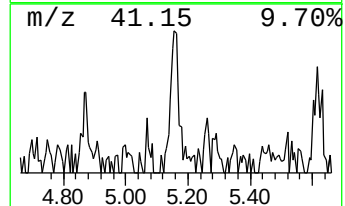
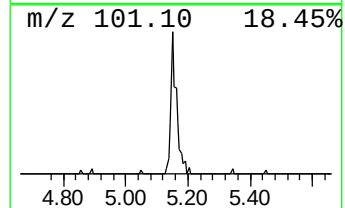
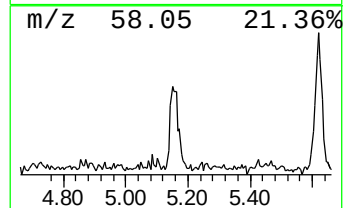
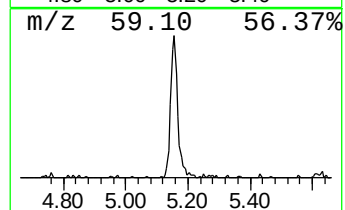
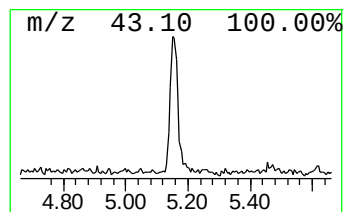
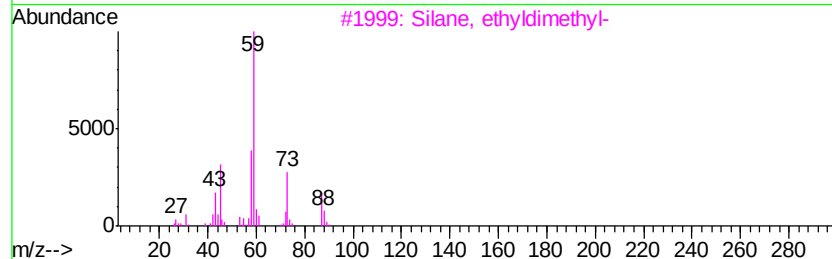
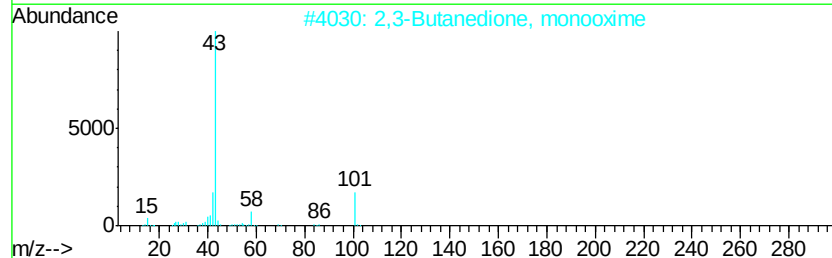
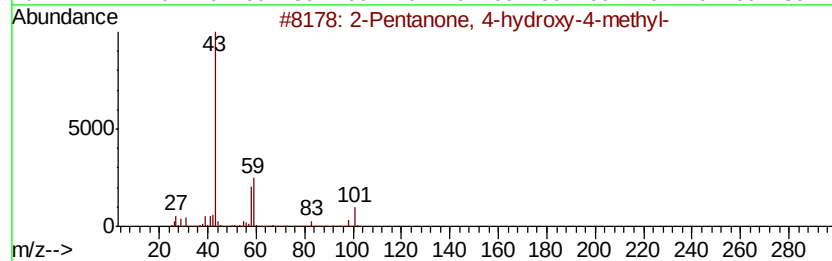
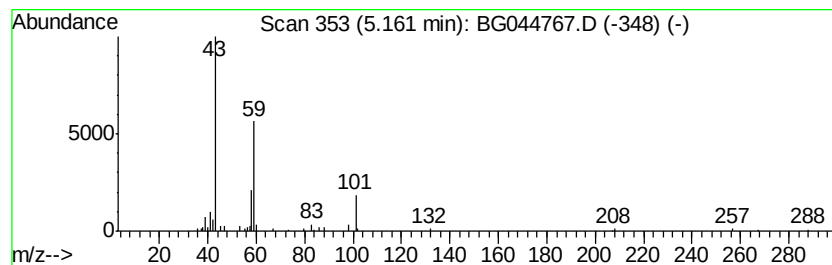
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.84 ng	94443	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3		Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	25
4		3-Octanol	130	C8H18O	000589-98-0	25
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23



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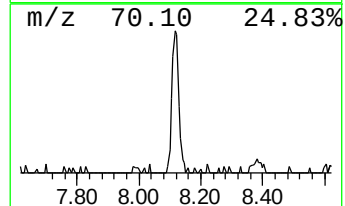
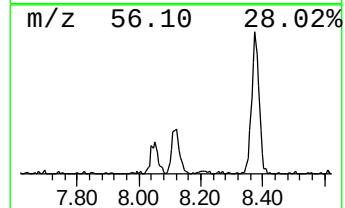
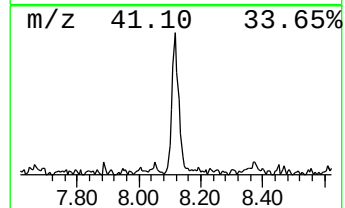
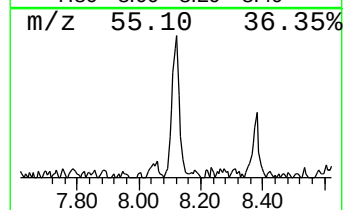
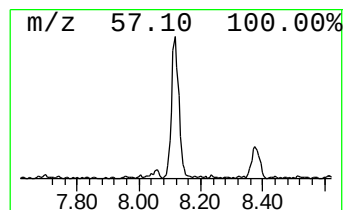
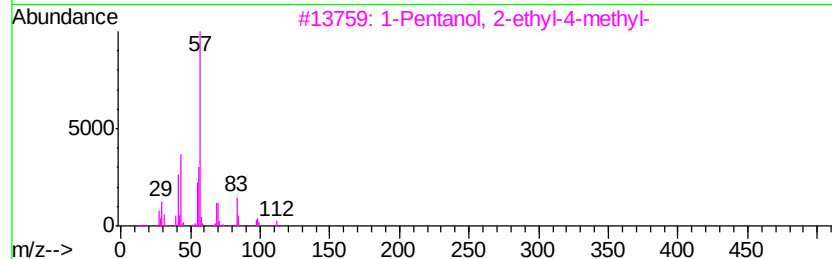
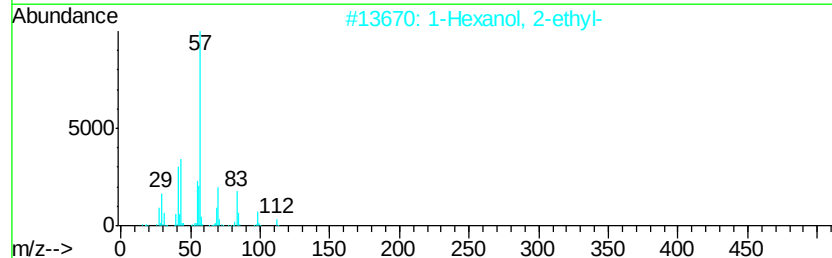
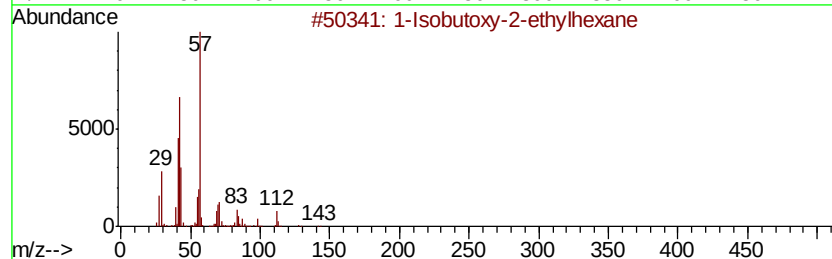
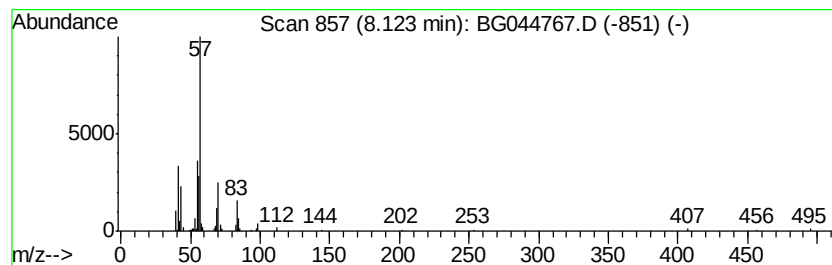
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Peak Number 4 1-Isobutoxy-2-ethylhexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	4.08 ng	135644	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	72
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	45
5		Undec-10-enoic acid, t-butyl ester	240	C15H28O2	093757-41-6	42



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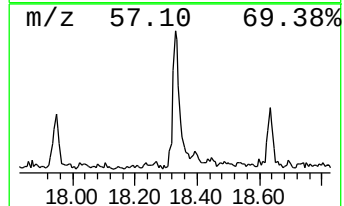
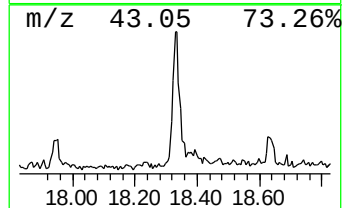
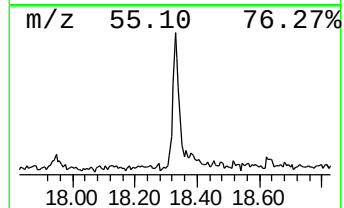
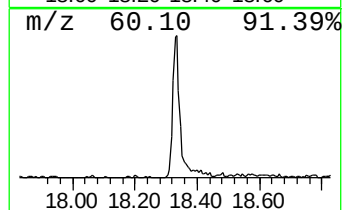
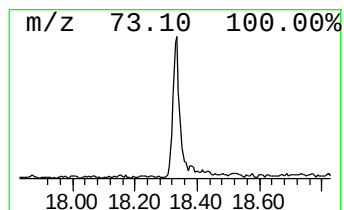
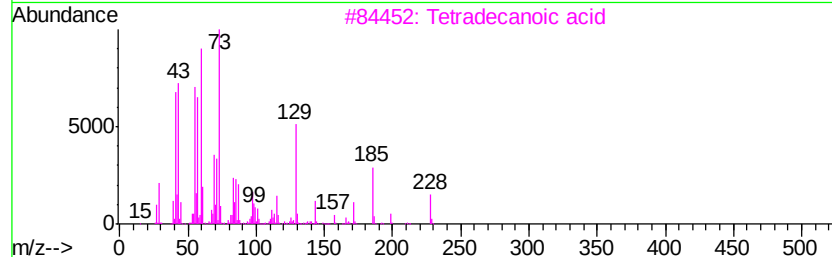
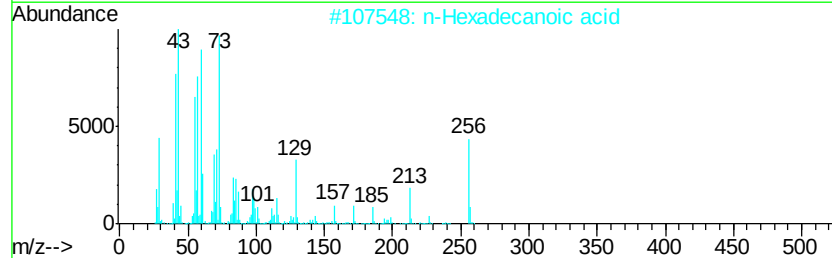
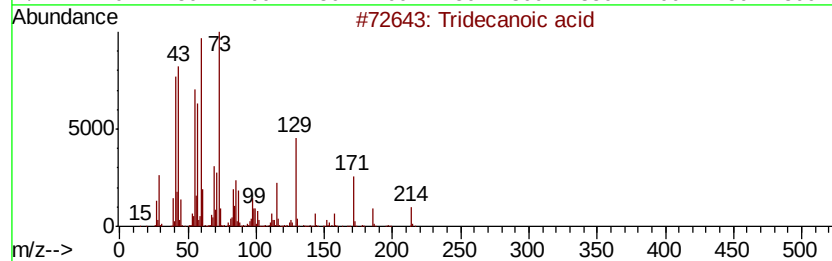
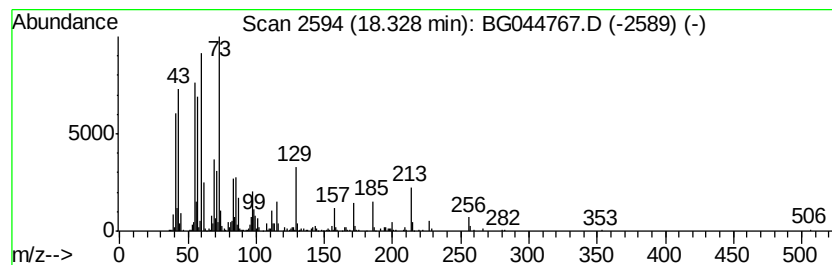
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Peak Number 6 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	5.41 ng	431208	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	92
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53



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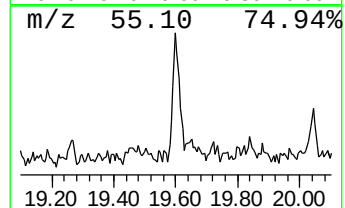
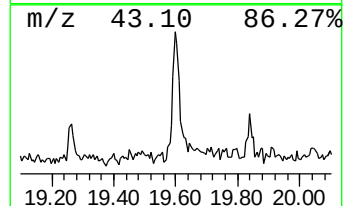
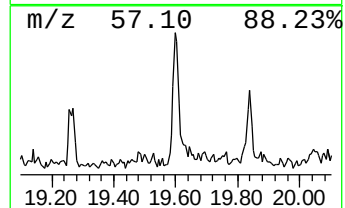
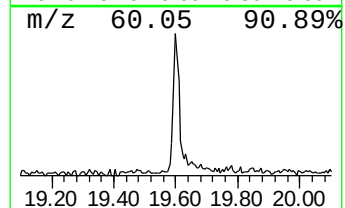
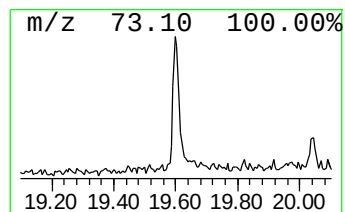
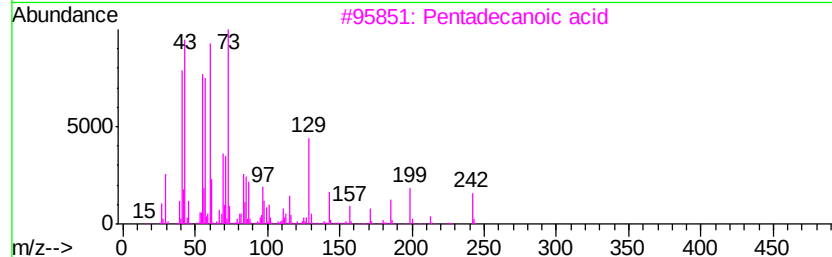
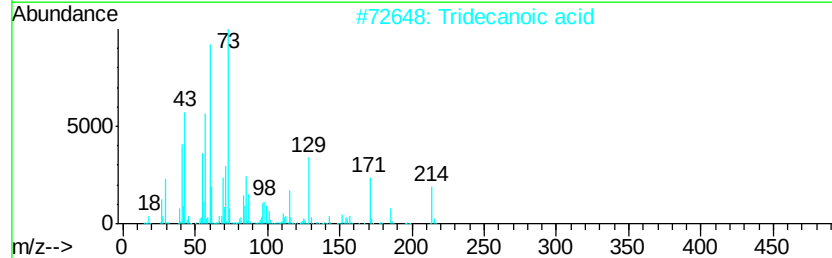
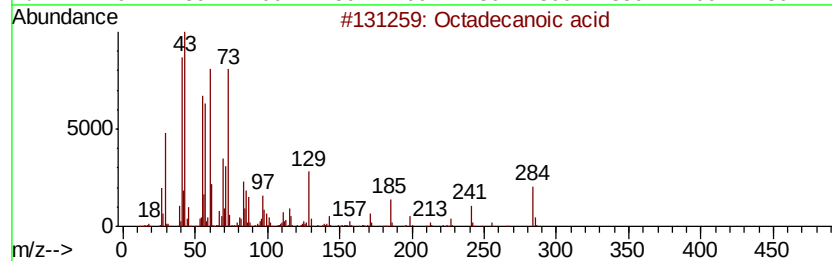
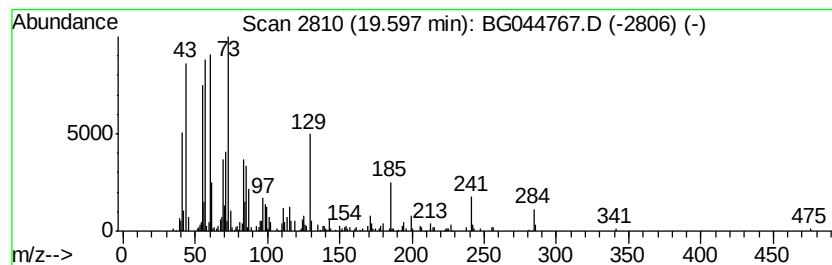
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TIC Library : C:\Database\NIST11.L
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Peak Number 7 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.60 ng	228383	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



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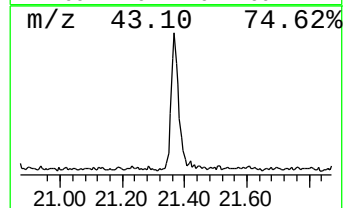
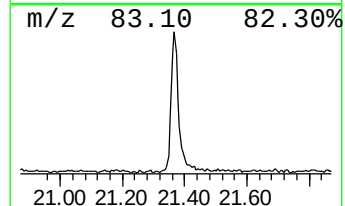
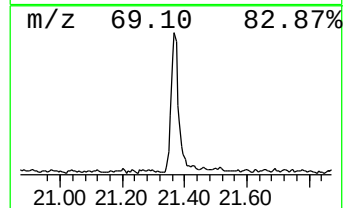
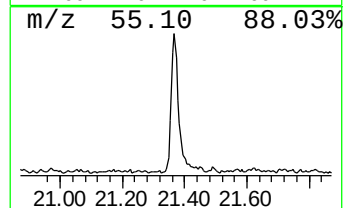
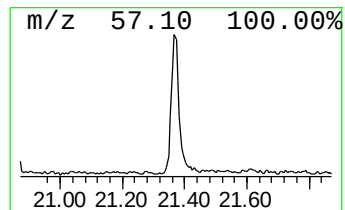
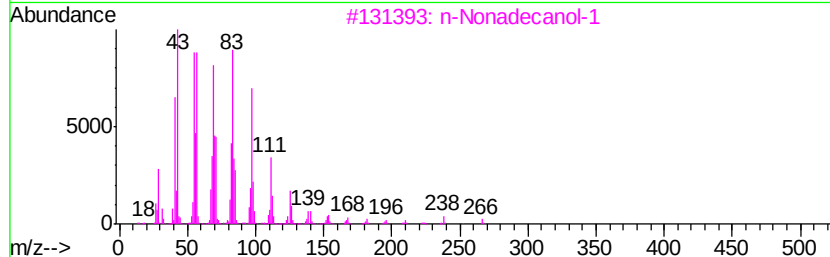
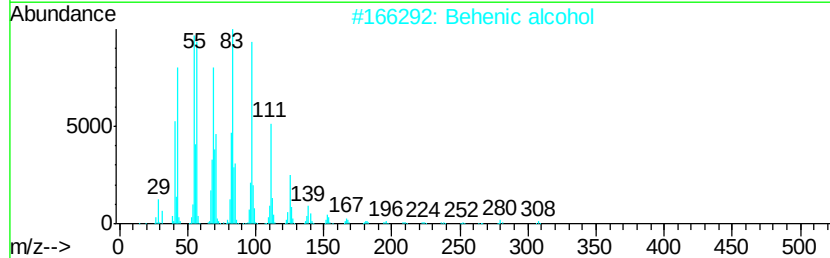
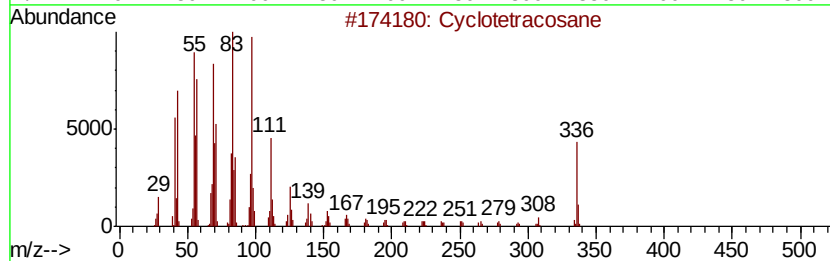
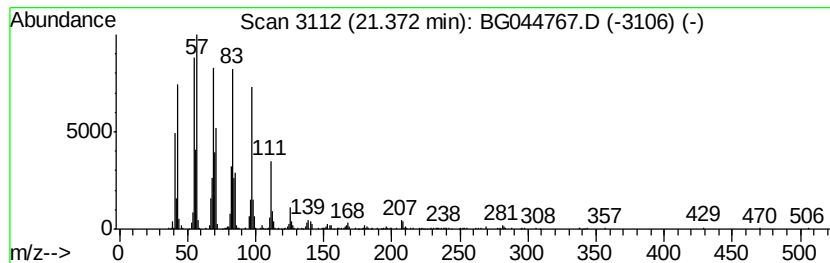
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Cyclotetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	9.61 ng	845886	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	96
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044767.D
Acq On : 13 Mar 2020 14:58
Operator : CG/JU
Sample : L1887-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-GW

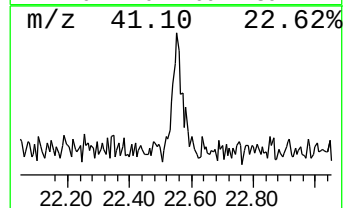
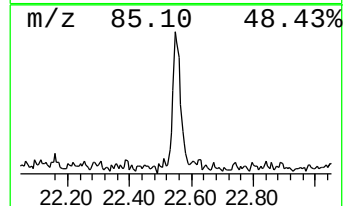
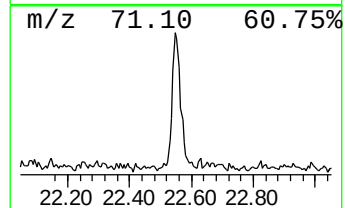
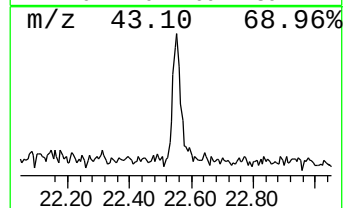
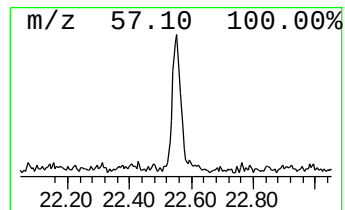
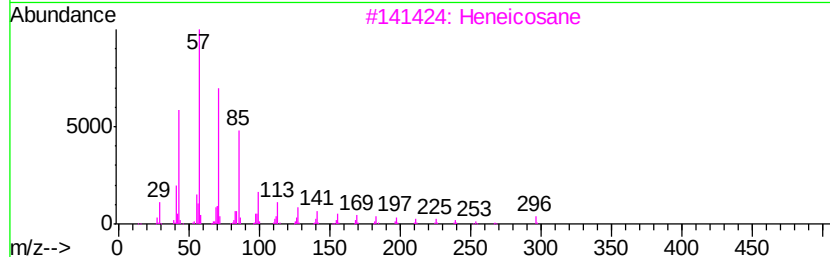
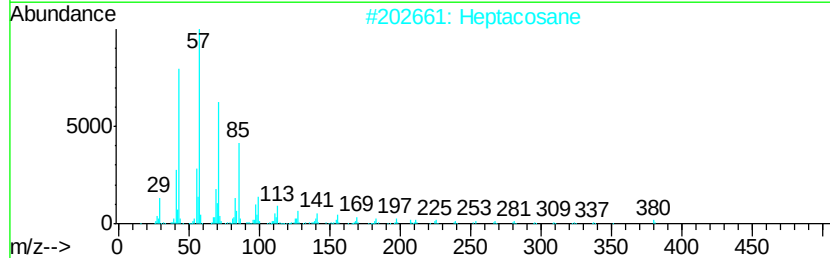
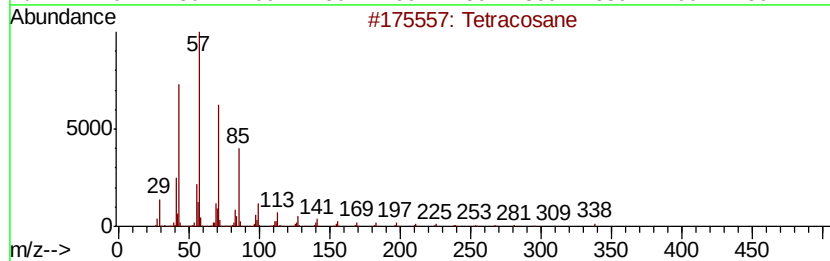
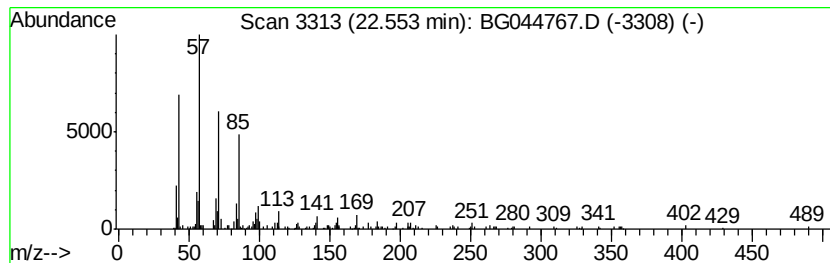
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.33 ng	204708	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044767.D
Acq On : 13 Mar 2020 14:58
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Sample : L1887-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

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BNA_G
ClientSampleId :
CL-GW

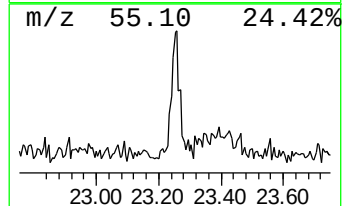
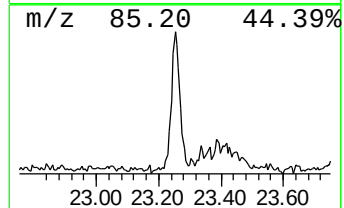
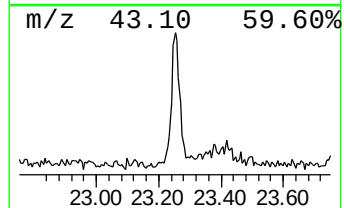
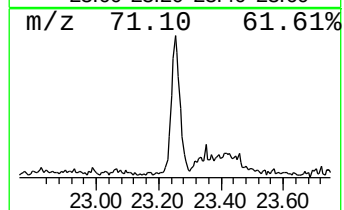
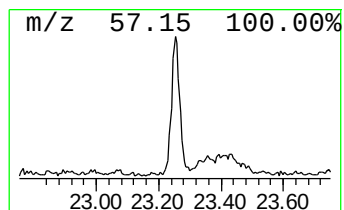
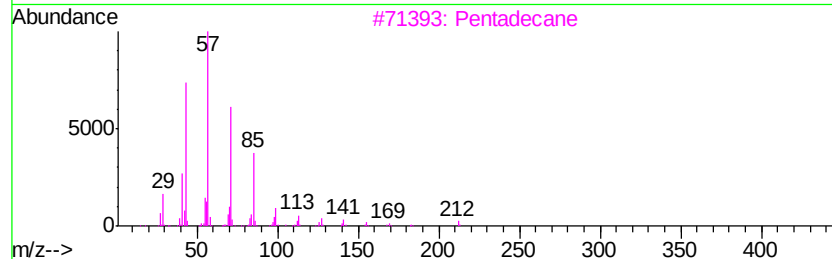
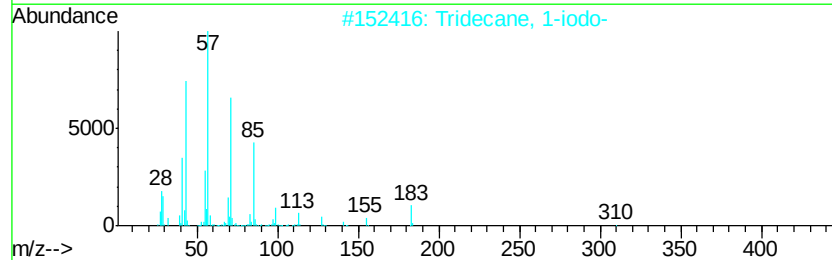
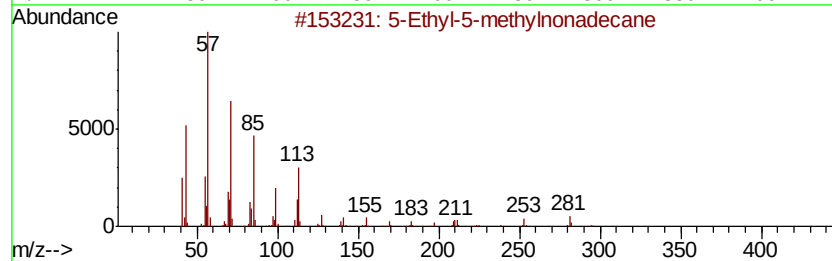
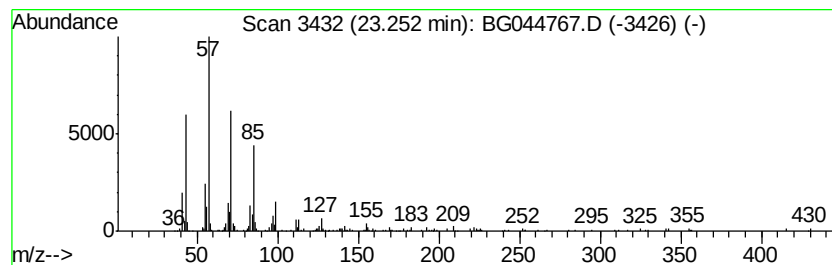
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5-Ethyl-5-methylnonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	2.64 ng	232594	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	80
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3		Pentadecane	212	C15H32	000629-62-9	80
4		Heptadecane	240	C17H36	000629-78-7	80
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044767.D
Acq On : 13 Mar 2020 14:58
Operator : CG/JU
Sample : L1887-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-GW

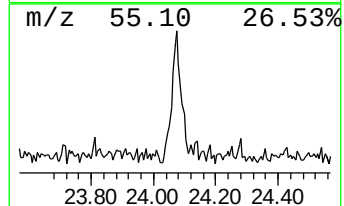
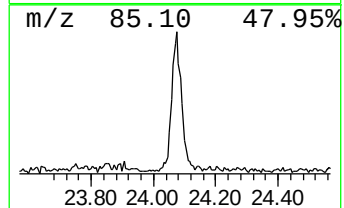
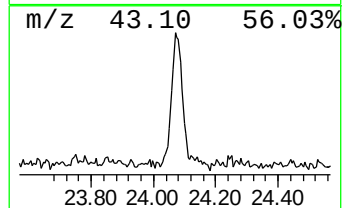
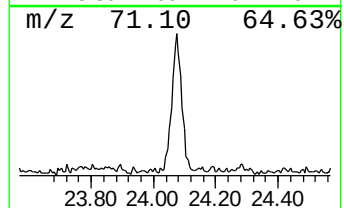
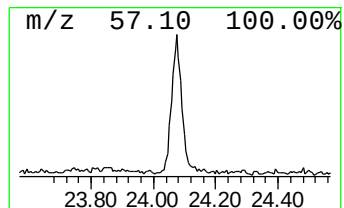
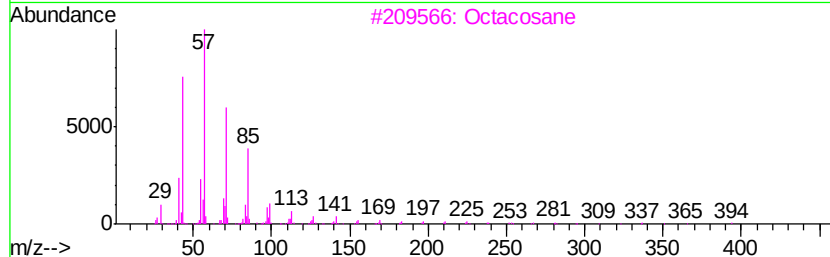
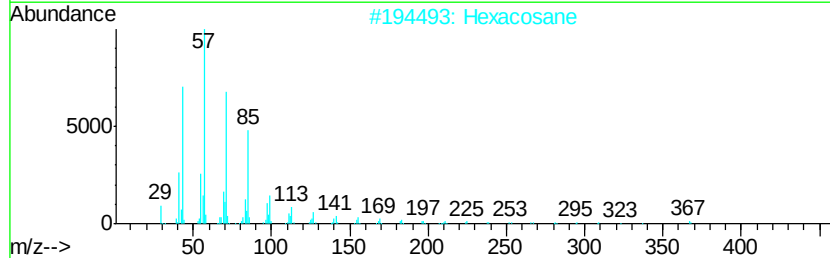
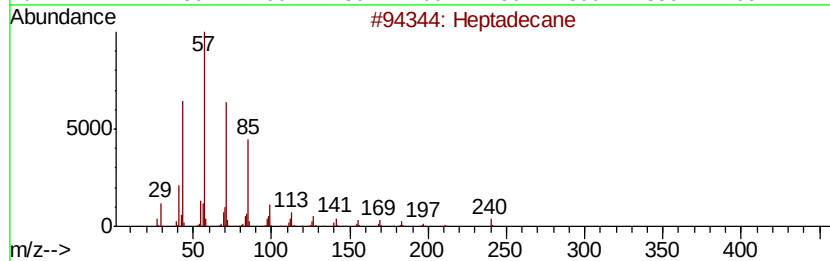
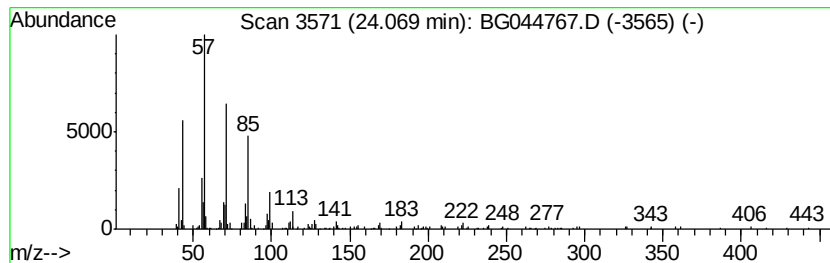
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	3.25 ng	290065	Perylene-d12	24.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Hexatriacontane	507	C36H74	000630-06-8	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044767.D
 Acq On : 13 Mar 2020 14:58
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 Sample : L1887-04
 Misc :
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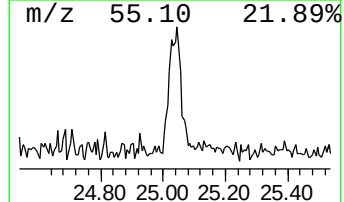
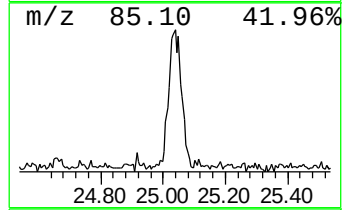
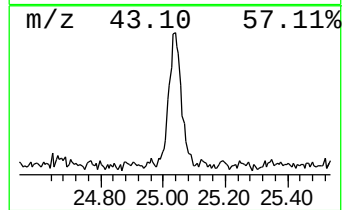
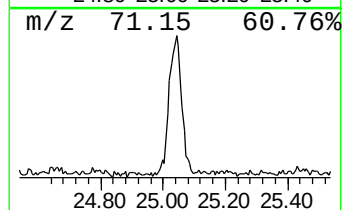
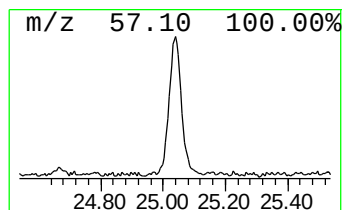
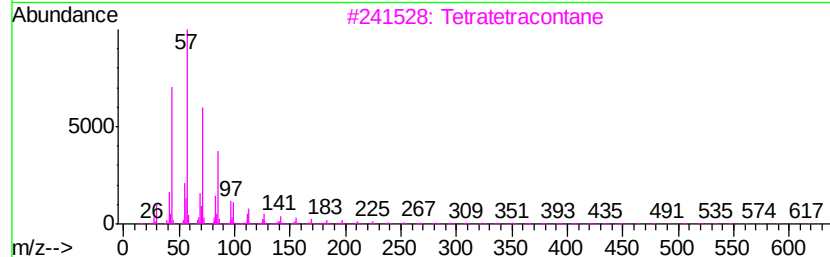
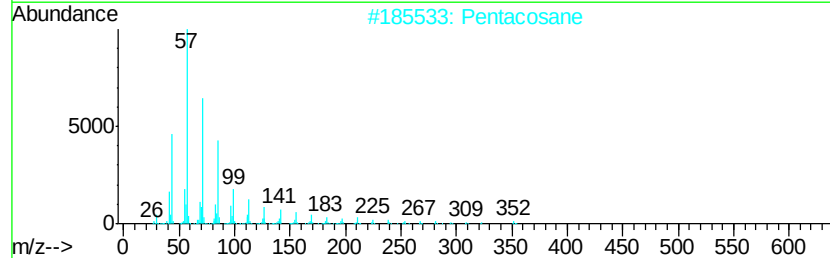
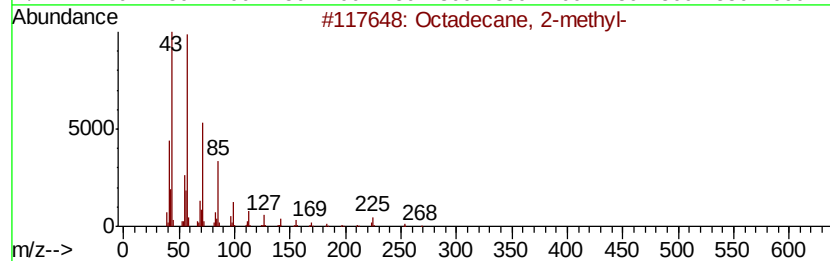
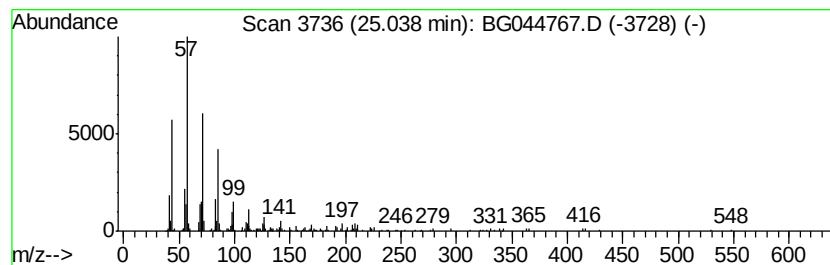
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
25.04	3.84 ng	342508	Perylene-d12		24.91
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Pentacosane	352	C25H52	000629-99-2	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044767.D
 Acq On : 13 Mar 2020 14:58
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 Sample : L1887-04
 Misc :
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Instrument :
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 ClientSampleId :
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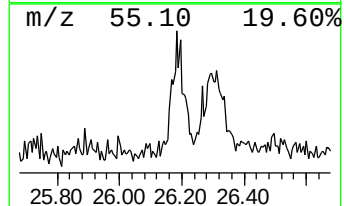
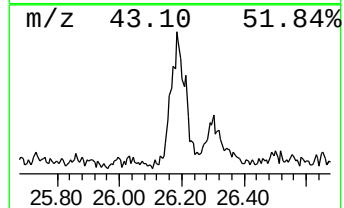
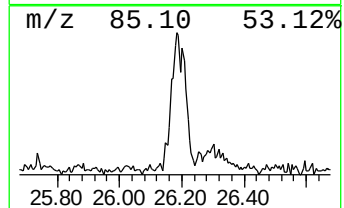
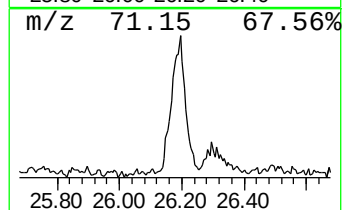
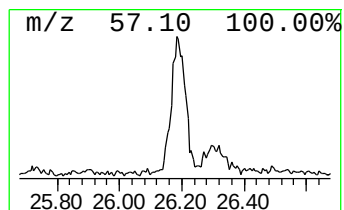
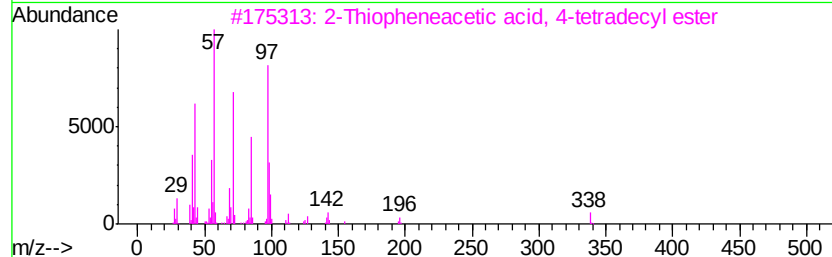
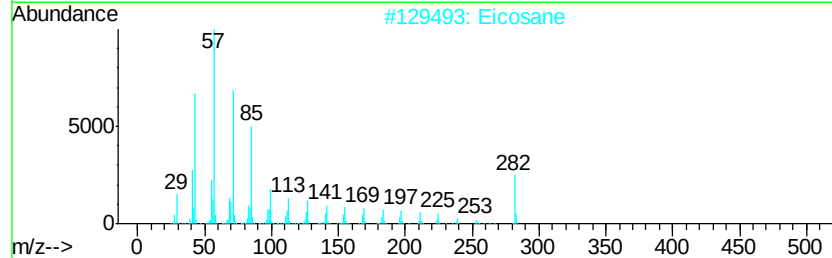
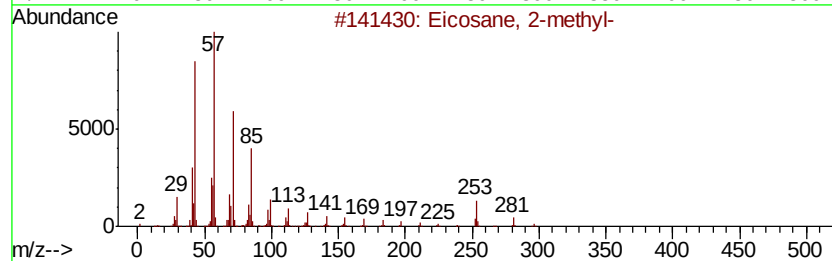
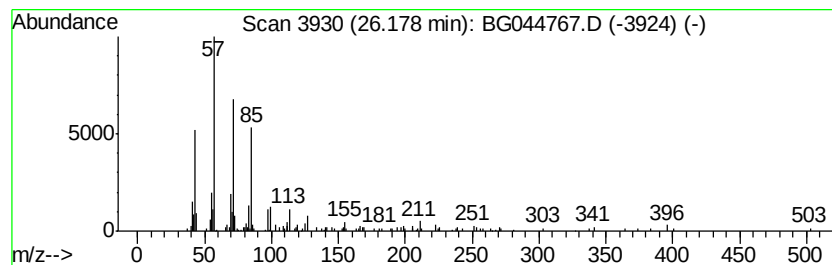
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TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 13 Eicosane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.18	2.55 ng	227850	Perylene-d12	24.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
2		Eicosane	282	C20H42	000112-95-8	83
3		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80
4		Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
5		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044767.D
Acq On : 13 Mar 2020 14:58
Operator : CG/JU
Sample : L1887-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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					#	RT	Resp	Conc
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1-Isobutoxy-2-eth...	8.12	4.1	ng	135644	1	8.05	665116	20.0
Tridecanoic acid	18.33	5.4	ng	431208	4	17.43	1594910	20.0
Octadecanoic acid	19.60	2.6	ng	228383	5	21.70	1759740	20.0
Cyclotetracosane	21.37	9.6	ng	845886	5	21.70	1759740	20.0
Tetracosane	22.55	2.3	ng	204708	5	21.70	1759740	20.0
5-Ethyl-5-methyln...	23.25	2.6	ng	232594	5	21.70	1759740	20.0
Heptadecane	24.07	3.3	ng	290065	6	24.91	1785130	20.0
Octadecane, 2-met...	25.04	3.8	ng	342508	6	24.91	1785130	20.0
Eicosane, 2-methyl-	26.18	2.5	ng	227850	6	24.91	1785130	20.0