

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044777.D
 Acq On : 13 Mar 2020 21:34
 Operator : CG/JU
 Sample : L1913-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MK-031220-2-5-COMP-B1

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	3.154	6	11	21	rVV2	84393	194969	3.63%	0.570%
2	3.230	21	24	31	rVB	44919	76690	1.43%	0.224%
3	5.621	424	431	441	rVB	1590079	2632842	48.96%	7.698%
4	7.208	692	701	709	rBV	1632181	2919298	54.28%	8.535%
5	8.054	836	845	853	rBV	399613	705172	13.11%	2.062%
6	8.377	889	900	910	rBV	1237573	2229275	41.45%	6.518%
7	9.205	1032	1041	1049	rBV	1036762	1912648	35.56%	5.592%
8	10.862	1315	1323	1332	rBV	552268	1003152	18.65%	2.933%
9	13.312	1732	1740	1749	rBV	2596112	4128115	76.76%	12.069%
10	14.135	1872	1880	1885	rBV	282065	416308	7.74%	1.217%
11	14.687	1966	1974	1981	rBV2	892616	1438359	26.75%	4.205%
12	16.168	2219	2226	2237	rBV	2100598	3338793	62.08%	9.762%
13	17.431	2433	2441	2453	rBV	1088223	1717360	31.93%	5.021%
14	18.330	2590	2594	2605	rBV	180103	290079	5.39%	0.848%
15	20.045	2879	2886	2893	rBV	3949797	5377960	100.00%	15.723%
16	21.367	3105	3111	3118	rBV	395239	672914	12.51%	1.967%
17	21.702	3161	3168	3174	rBV2	972012	1663775	30.94%	4.864%
18	21.932	3203	3207	3216	rVB2	82734	123513	2.30%	0.361%
19	22.554	3308	3313	3317	rBV	115062	216869	4.03%	0.634%
20	23.253	3427	3432	3439	rVB2	164468	284831	5.30%	0.833%
21	24.070	3565	3571	3580	rBV	165570	371572	6.91%	1.086%
22	24.916	3706	3715	3727	rVB2	581482	1675447	31.15%	4.898%
23	25.040	3729	3736	3744	rVB2	146809	367158	6.83%	1.073%
24	26.185	3925	3931	3941	rVB2	112110	310878	5.78%	0.909%
25	27.554	4162	4164	4174	rVB5	56986	135566	2.52%	0.396%

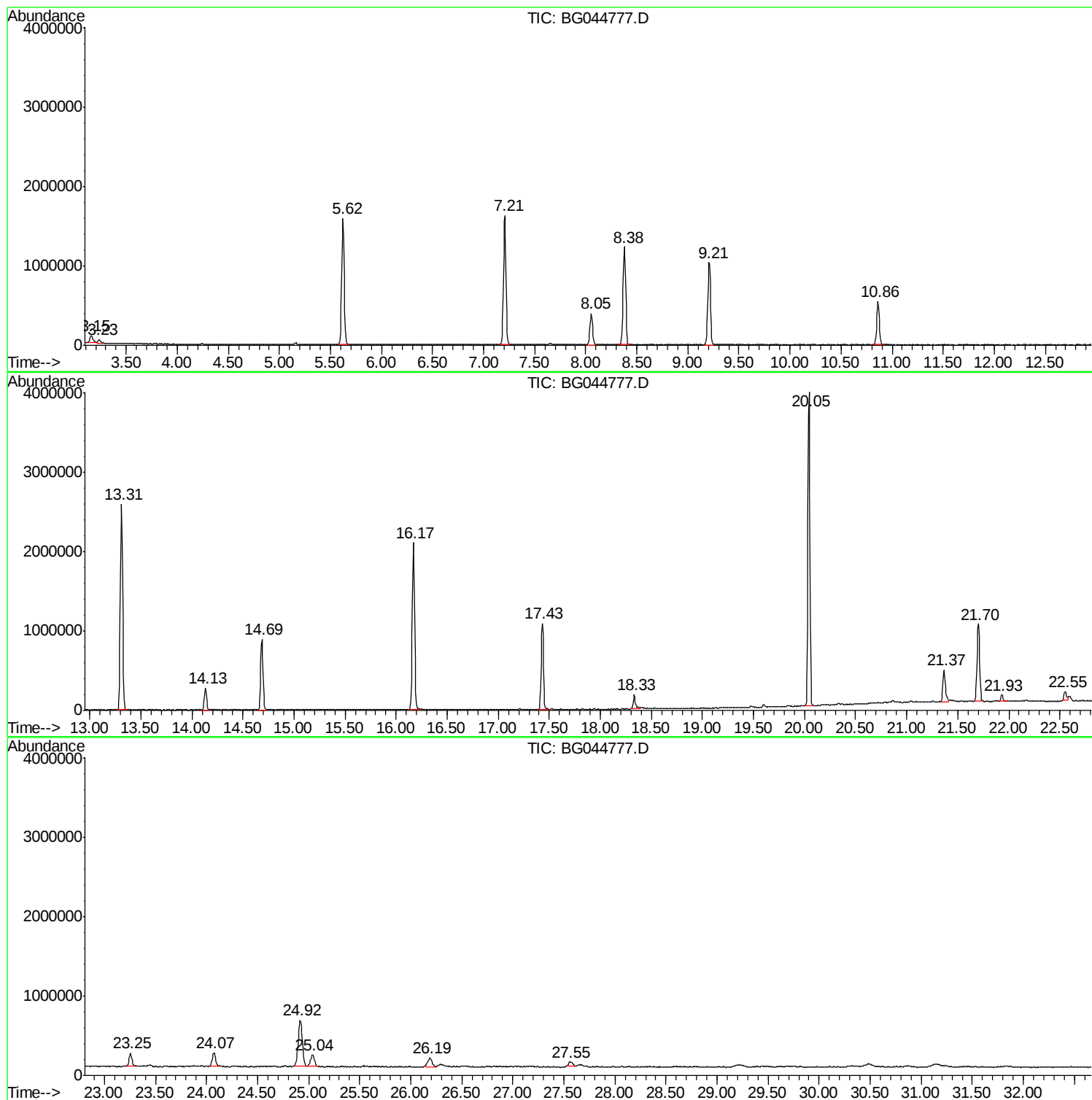
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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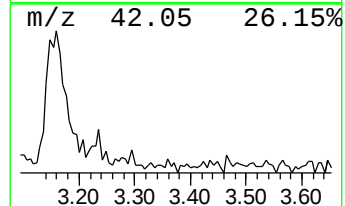
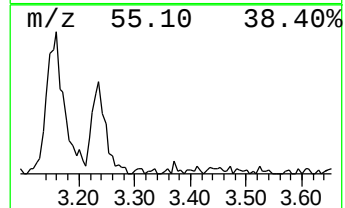
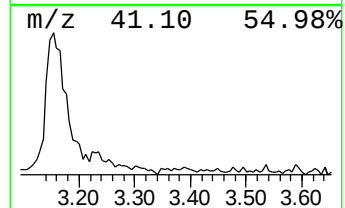
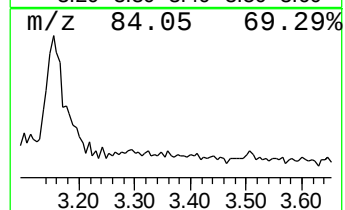
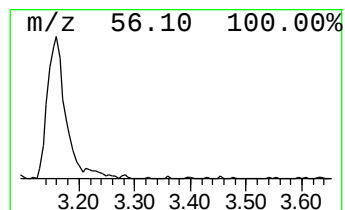
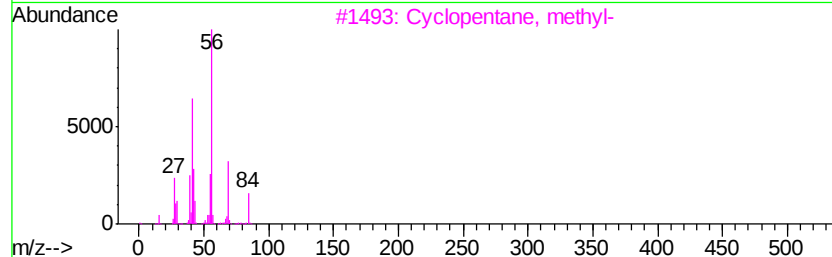
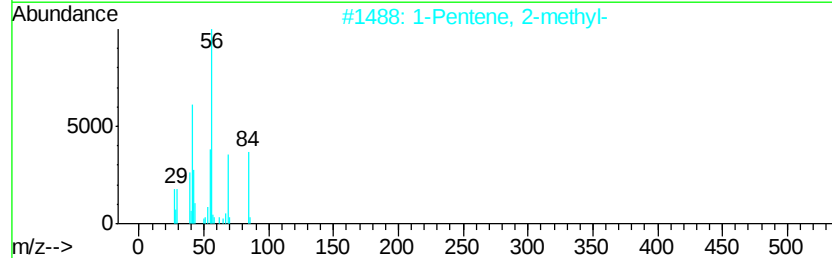
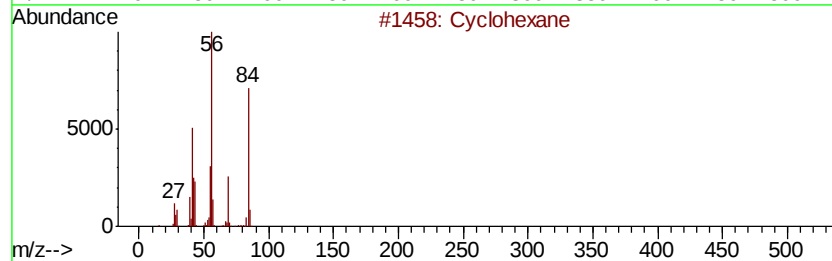
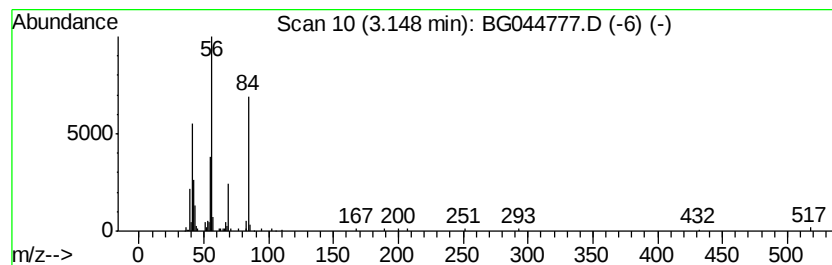
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	5.53 ng	194969	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	87
2			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4			Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	59
5			2-Amino-oxazole	84	C3H4N2O	004570-45-0	47



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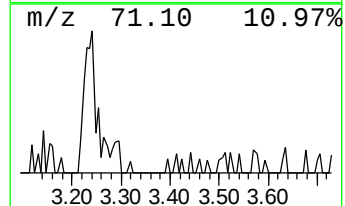
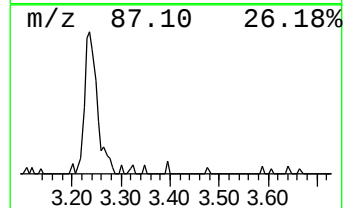
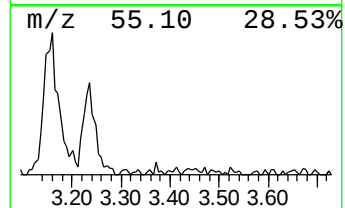
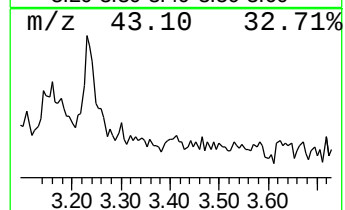
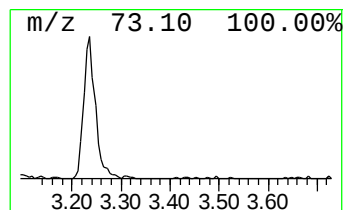
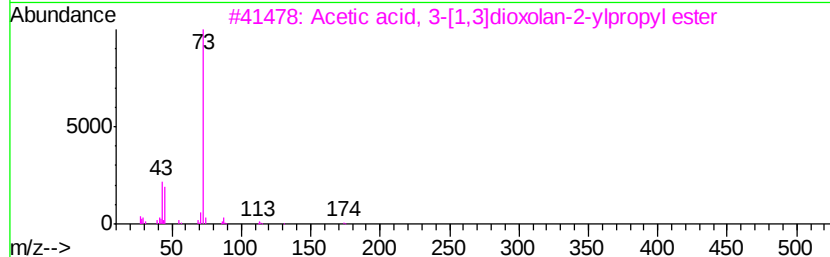
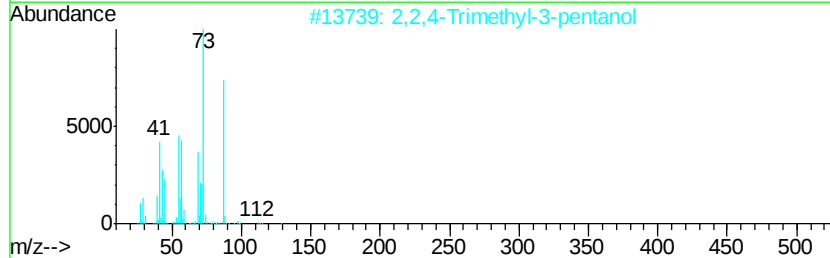
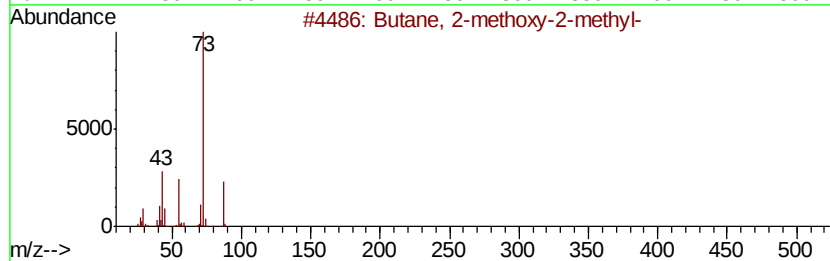
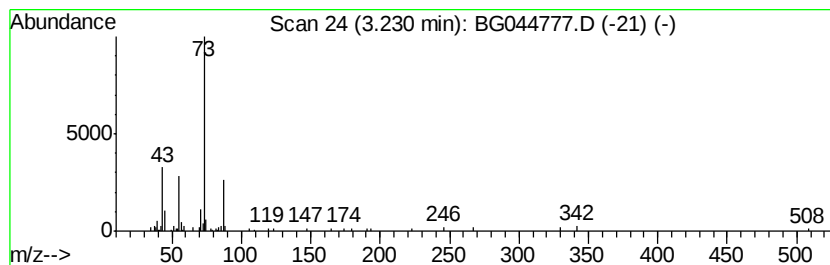
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	2.18 ng	76690	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	59
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3		Acetic acid, 3-[1,3]dioxolan-2-ylpropyl ester	174	C8H14O4	1000186-02-3	27
4		2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	25
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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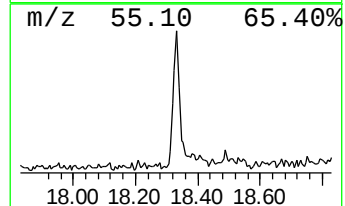
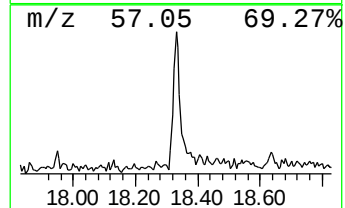
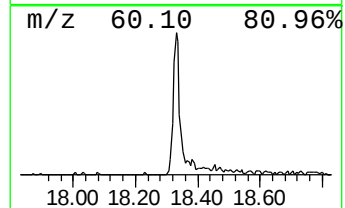
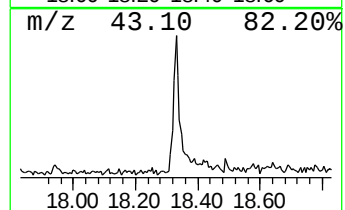
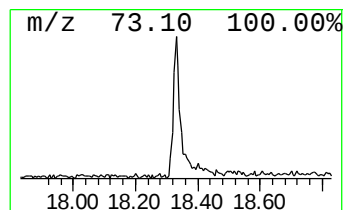
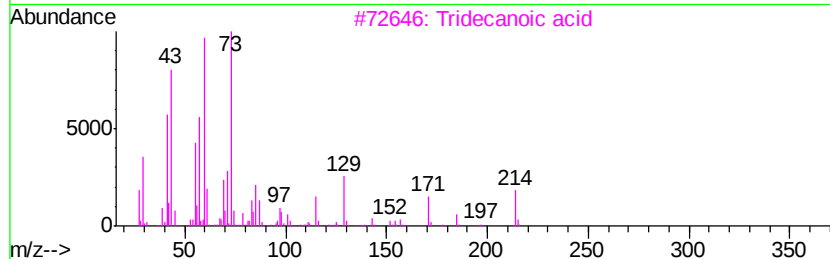
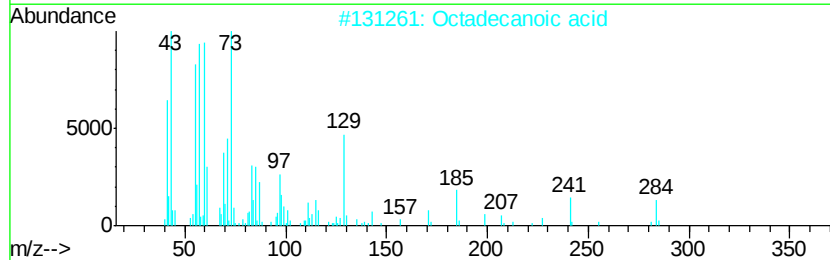
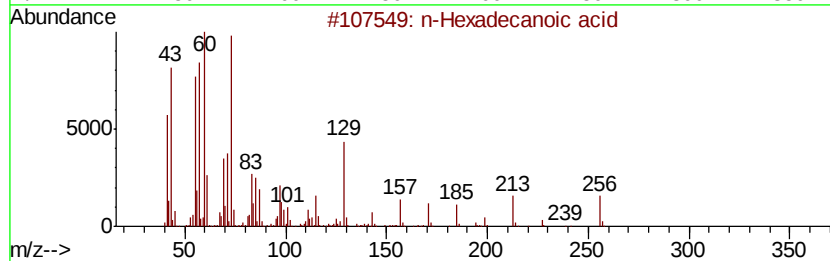
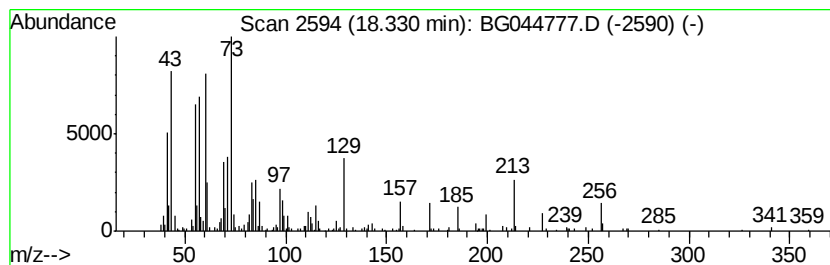
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.38 ng	290079	Phenanthrene-d10	17.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	81
3		Tridecanoic acid	214	C13H26O2	000638-53-9	58
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



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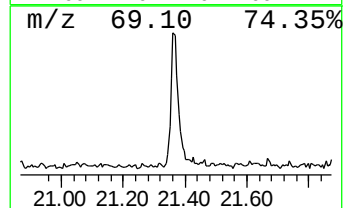
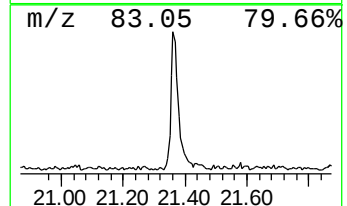
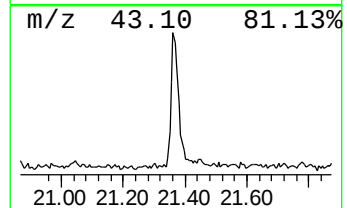
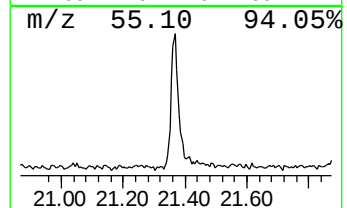
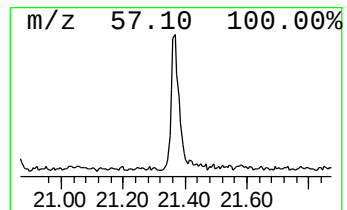
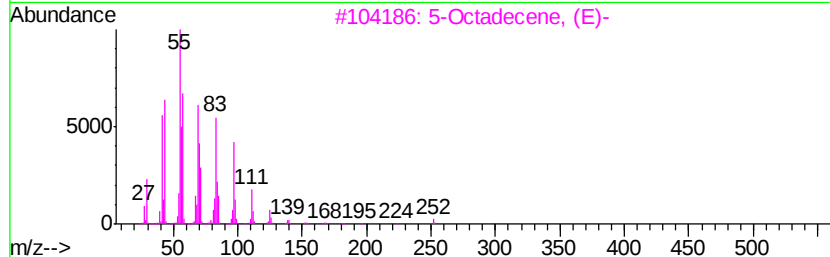
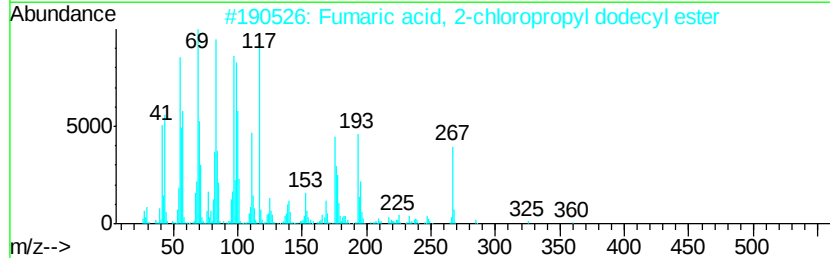
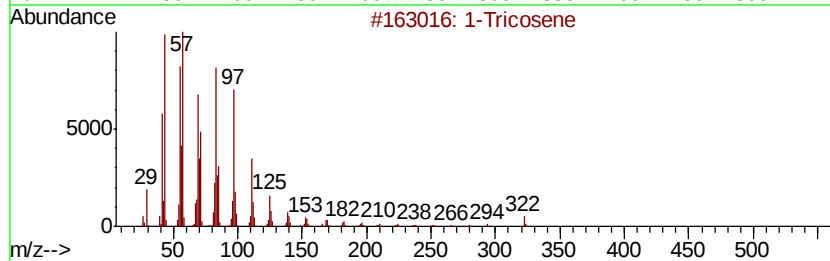
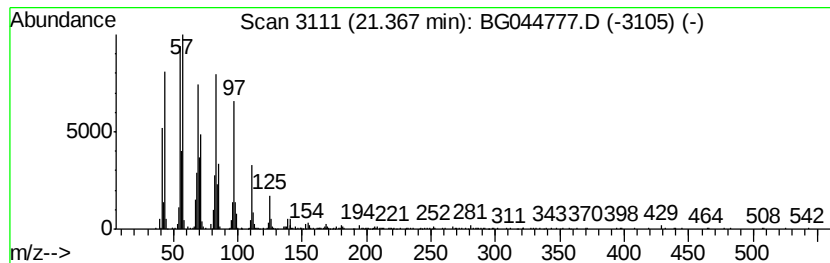
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Peak Number 5 1-Tricosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	8.09 ng	672914	Chrysene-d12	21.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tricosene		322 C23H46	018835-32-0 98
2	Fumaric acid, 2-chloropropyl dod...		360 C19H33ClO4	1000348-57-0 96
3	5-Octadecene, (E)-		252 C18H36	007206-21-5 95
4	9-Tricosene, (Z)-		322 C23H46	027519-02-4 94
5	Nonadecyl trifluoroacetate		380 C21H39F3O2	1000351-76-3 91



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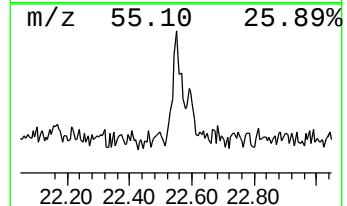
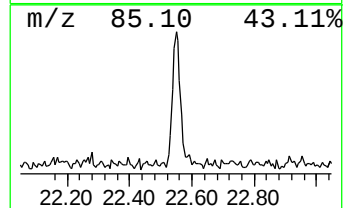
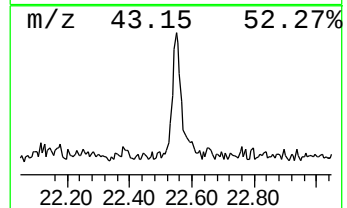
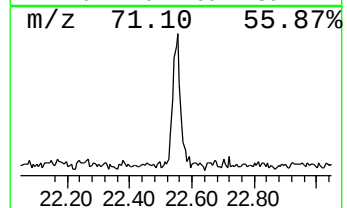
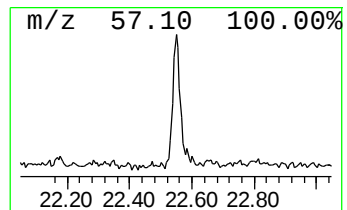
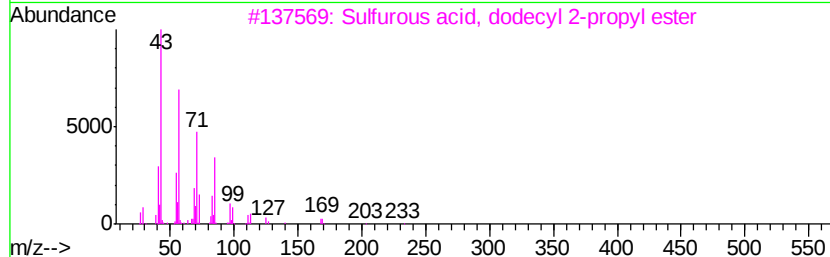
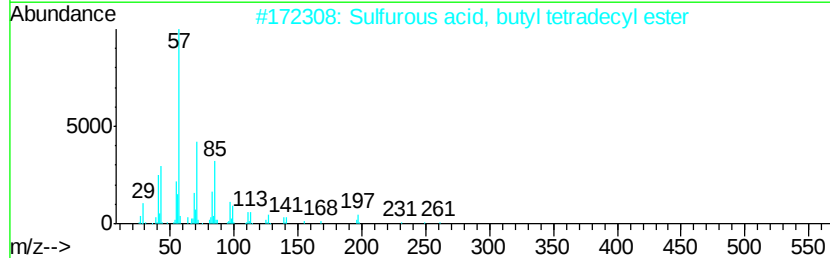
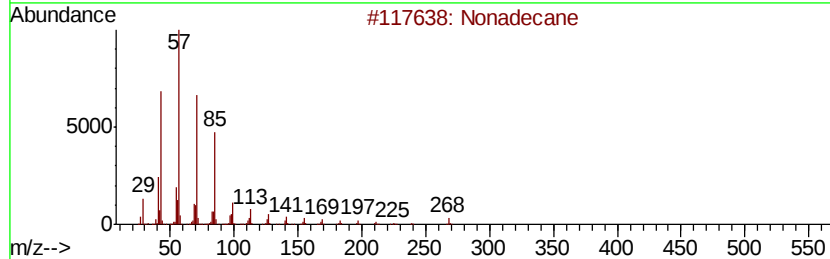
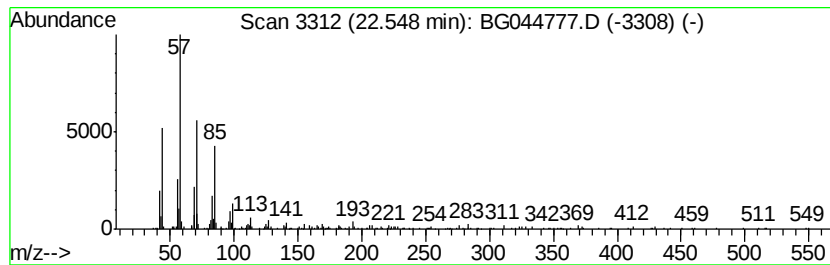
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.61 ng	216869	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
3		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	86
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	86



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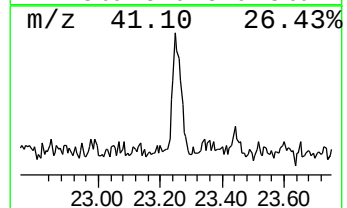
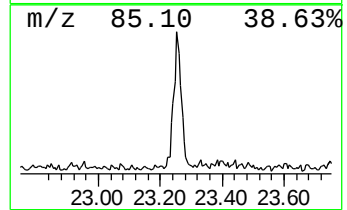
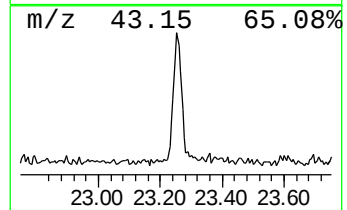
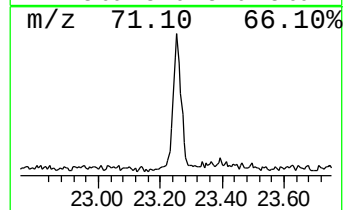
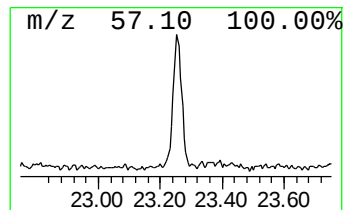
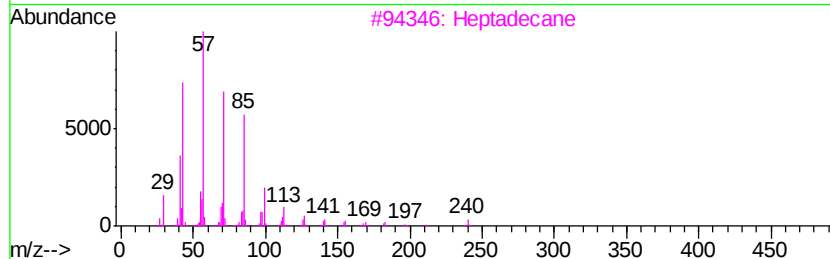
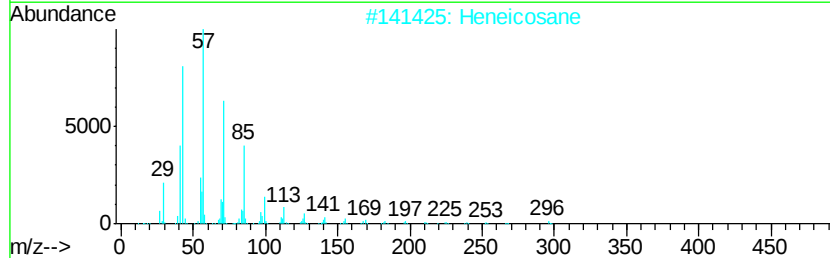
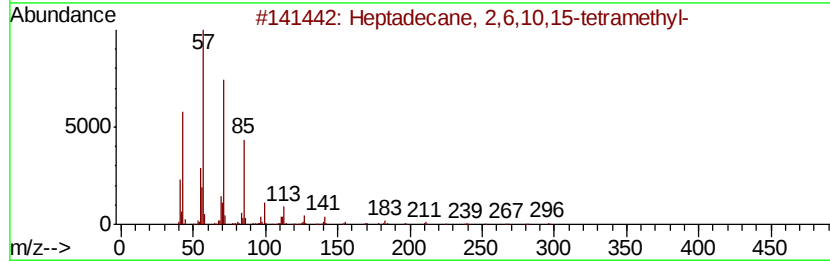
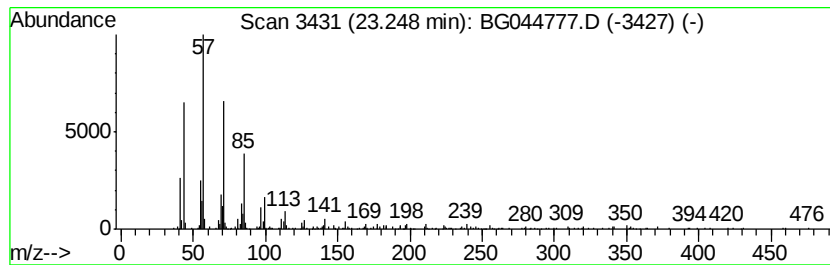
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	3.42 ng	284831	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2		Heneicosane	296	C21H44	000629-94-7	93
3		Heptadecane	240	C17H36	000629-78-7	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Pentadecane	212	C15H32	000629-62-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044777.D
Acq On : 13 Mar 2020 21:34
Operator : CG/JU
Sample : L1913-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MK-031220-2-5-COMP-B1

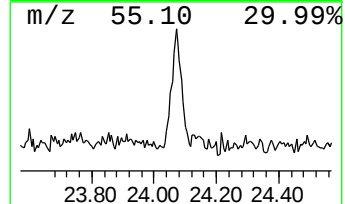
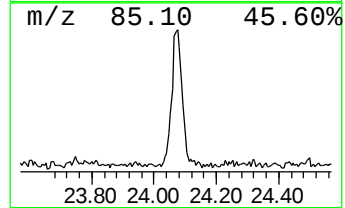
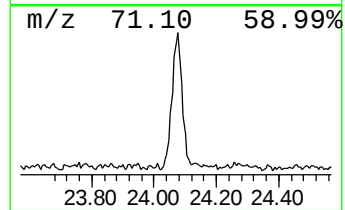
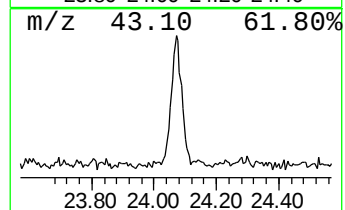
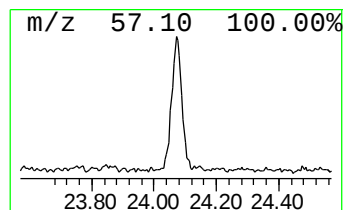
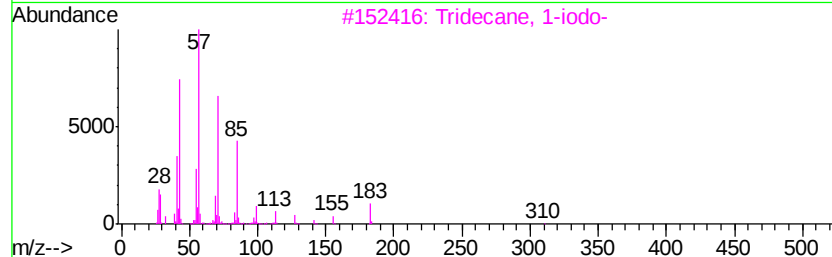
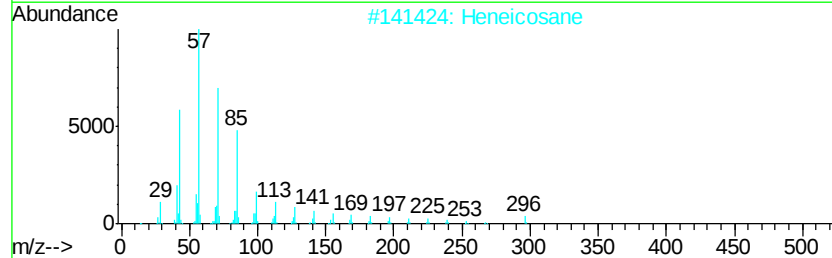
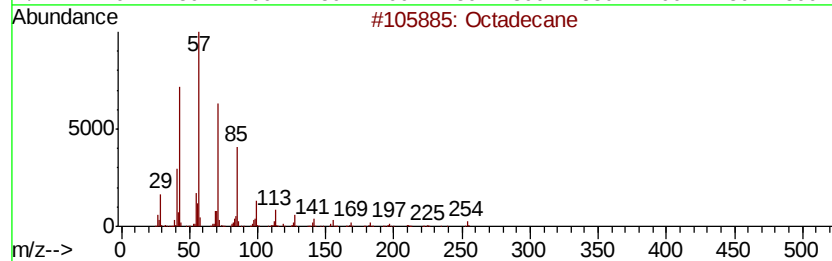
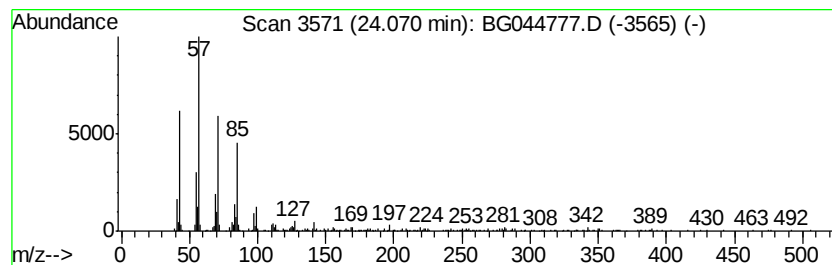
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	4.44 ng	371572	Perylene-d12	24.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heneicosane	296	C21H44	000629-94-7	87
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4		Heptacosane	380	C27H56	000593-49-7	83
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044777.D
Acq On : 13 Mar 2020 21:34
Operator : CG/JU
Sample : L1913-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MK-031220-2-5-COMP-B1

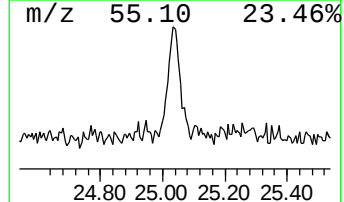
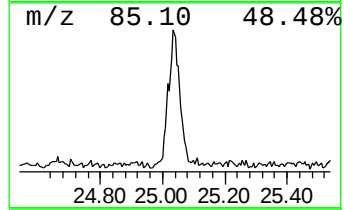
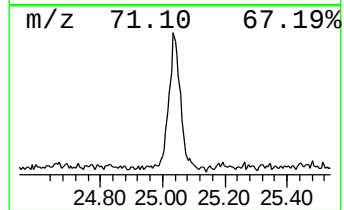
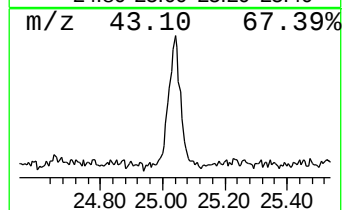
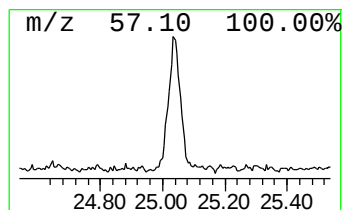
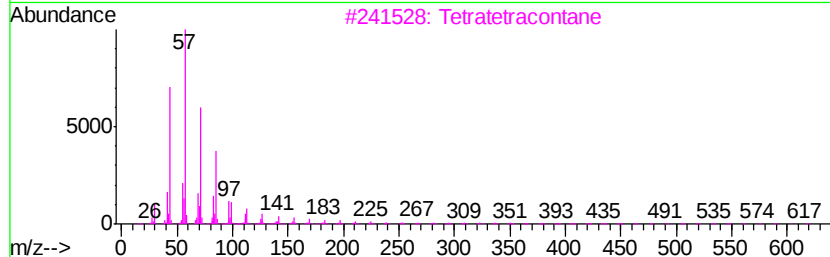
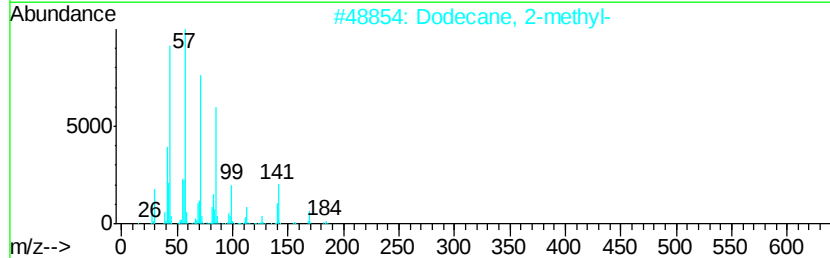
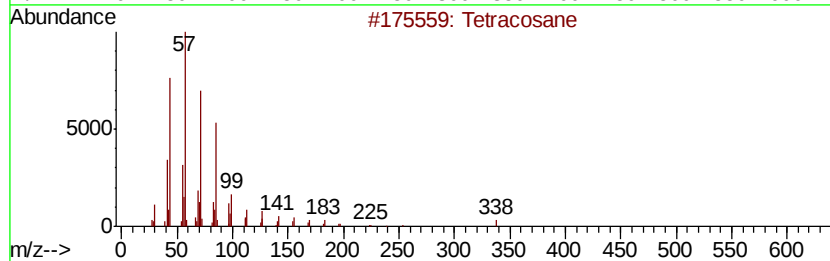
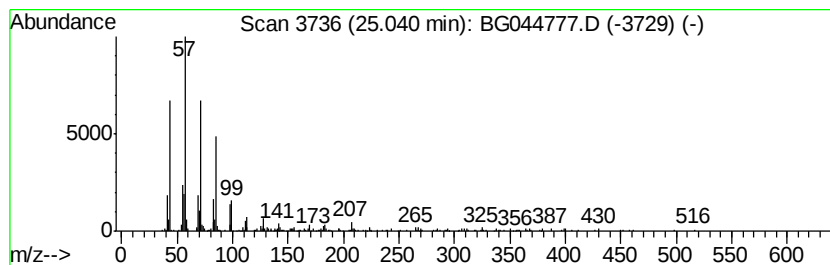
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.04	4.38 ng	367158	Perylene-d12	24.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	93
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044777.D
Acq On : 13 Mar 2020 21:34
Operator : CG/JU
Sample : L1913-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MK-031220-2-5-COMP-B1

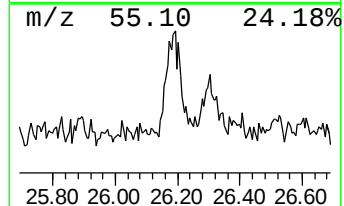
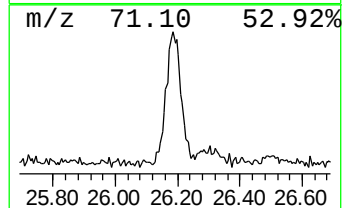
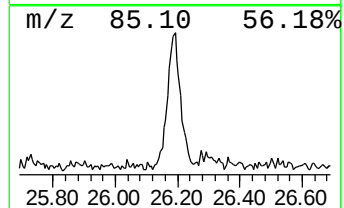
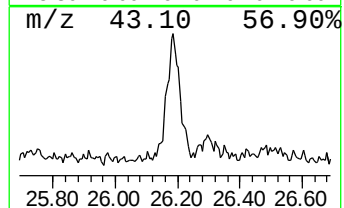
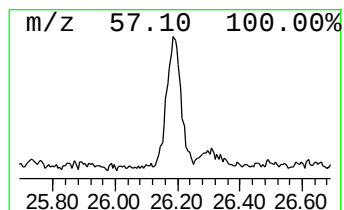
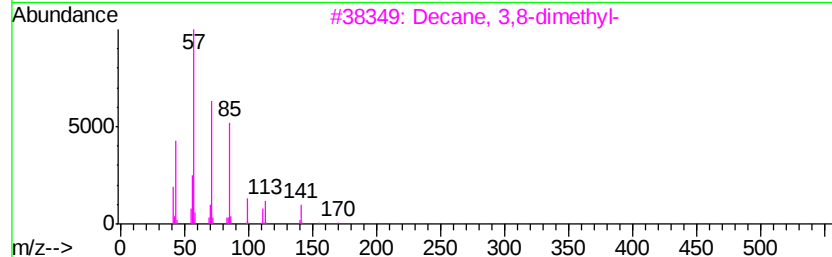
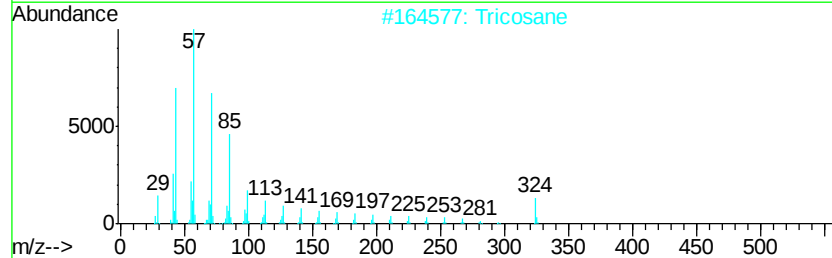
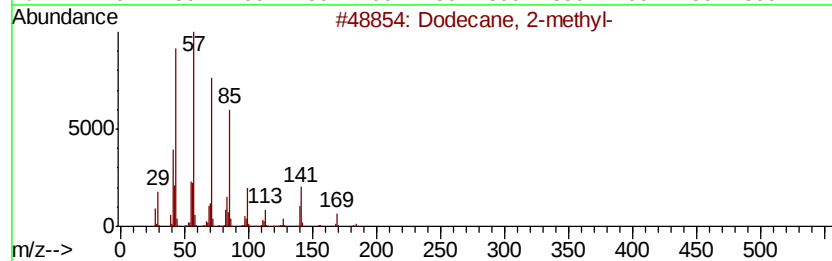
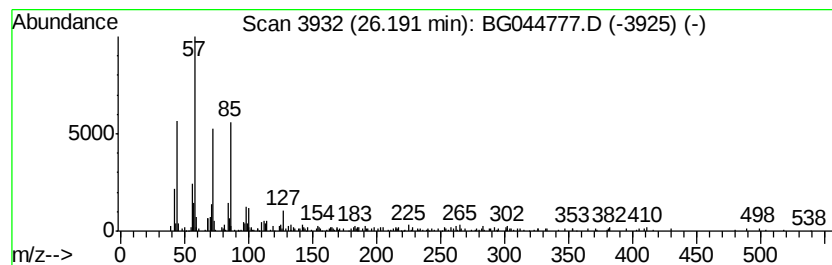
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.19	3.71 ng	310878	Perylene-d12	24.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
2			Tricosane	324	C23H48	000638-67-5	74
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74
4			Hentriacontane	437	C31H64	000630-04-6	72
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044777.D
Acq On : 13 Mar 2020 21:34
Operator : CG/JU
Sample : L1913-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MK-031220-2-5-COMP-B1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane	3.15	5.5	ng	194969	1	8.05	705172	20.0
Butane, 2-methoxy...	3.23	2.2	ng	76690	1	8.05	705172	20.0
n-Hexadecanoic acid	18.33	3.4	ng	290079	4	17.43	1717360	20.0
1-Tricosene	21.37	8.1	ng	672914	5	21.70	1663780	20.0
Nonadecane	22.55	2.6	ng	216869	5	21.70	1663780	20.0
Heptadecane, 2,6,...	23.25	3.4	ng	284831	5	21.70	1663780	20.0
Octadecane	24.07	4.4	ng	371572	6	24.92	1675450	20.0
Tetracosane	25.04	4.4	ng	367158	6	24.92	1675450	20.0
Dodecane, 2-methyl-	26.19	3.7	ng	310878	6	24.92	1675450	20.0