

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044934.D
 Acq On : 24 Mar 2020 17:28
 Operator : CG/JU
 Sample : L2021-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-A

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	3.146	5	10	19	rBV3	80837	240340	3.56%	0.669%
2	3.235	19	25	38	rVB	184638	415303	6.15%	1.155%
3	5.150	345	351	361	rBV	53672	87869	1.30%	0.244%
4	5.614	421	430	439	rBV	1030525	1726152	25.55%	4.803%
5	7.201	693	700	711	rVB	678772	1220010	18.06%	3.394%
6	8.041	835	843	850	rBV	312556	559276	8.28%	1.556%
7	8.370	889	899	910	rBV	1428742	2571419	38.06%	7.154%
8	9.198	1031	1040	1054	rBV	1193337	2170569	32.13%	6.039%
9	10.849	1312	1321	1329	rBV	398224	740465	10.96%	2.060%
10	13.299	1730	1738	1746	rBV	3069510	4806328	71.14%	13.373%
11	14.122	1872	1878	1883	rBV	93219	138210	2.05%	0.385%
12	14.674	1962	1972	1981	rBV	623813	1019634	15.09%	2.837%
13	16.161	2216	2225	2244	rBV	2428428	3868525	57.26%	10.763%
14	17.418	2433	2439	2448	rBV	798840	1229398	18.20%	3.421%
15	18.317	2587	2592	2599	rBV2	108261	164160	2.43%	0.457%
16	20.033	2877	2884	2890	rBV	4851234	6755973	100.00%	18.797%
17	20.843	3015	3022	3026	rBV	83041	110280	1.63%	0.307%
18	21.349	3102	3108	3117	rBV2	231992	425958	6.30%	1.185%
19	21.684	3158	3165	3174	rVB2	806482	1341560	19.86%	3.733%
20	21.907	3197	3203	3214	rVB2	294734	447634	6.63%	1.245%
21	22.518	3300	3307	3315	rBV	404854	696069	10.30%	1.937%
22	23.217	3418	3426	3434	rBV	447668	871043	12.89%	2.423%
23	24.022	3555	3563	3572	rBV2	403672	916036	13.56%	2.549%
24	24.886	3699	3710	3719	rBV2	458618	1357845	20.10%	3.778%
25	24.980	3719	3726	3736	rVB2	313402	838848	12.42%	2.334%
26	26.114	3909	3919	3930	rBV3	209447	689951	10.21%	1.920%
27	27.477	4139	4151	4164	rBV4	108783	413520	6.12%	1.151%
28	29.128	4424	4432	4443	rVB9	30630	119360	1.77%	0.332%

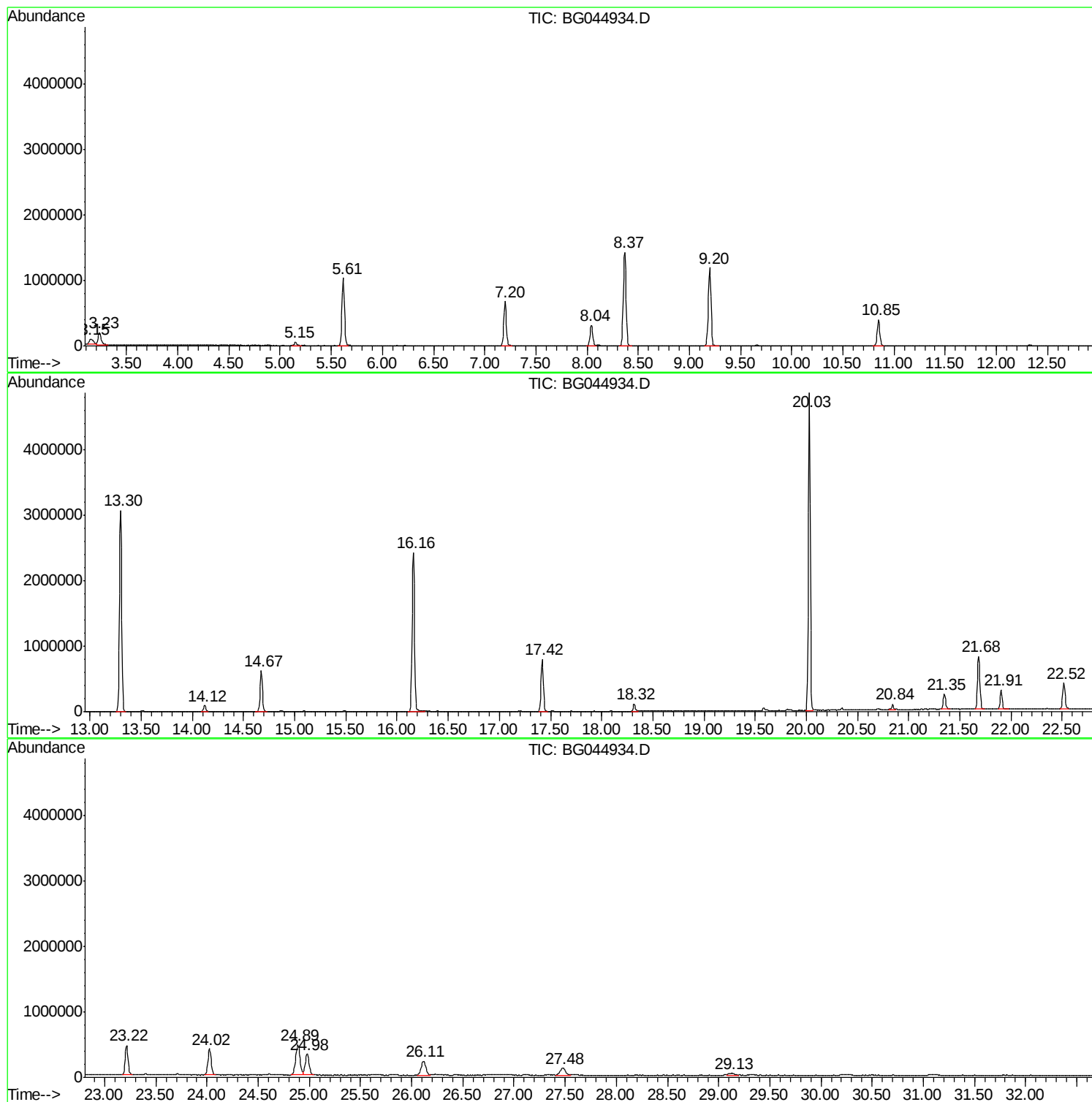
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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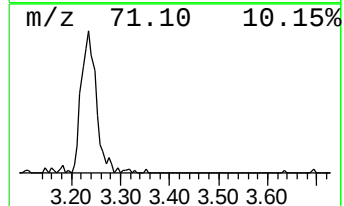
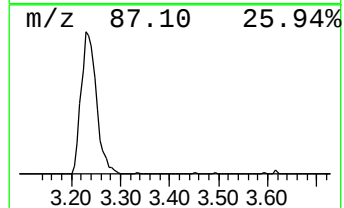
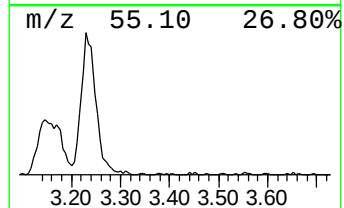
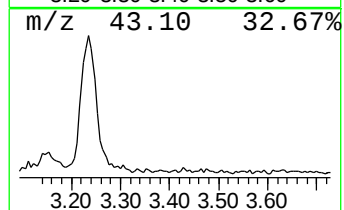
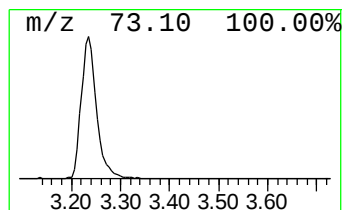
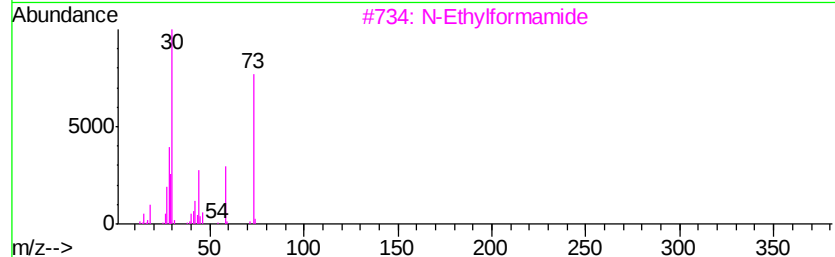
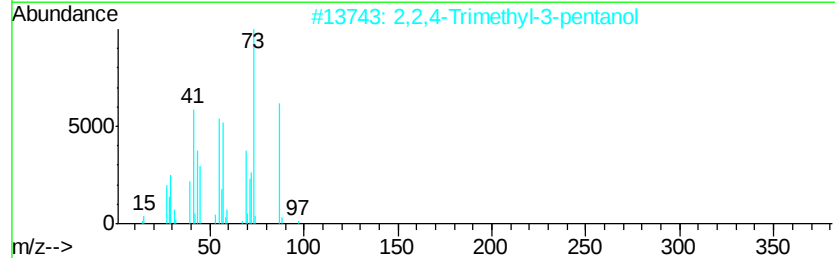
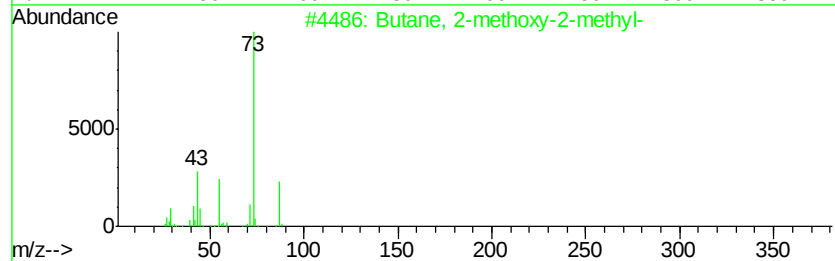
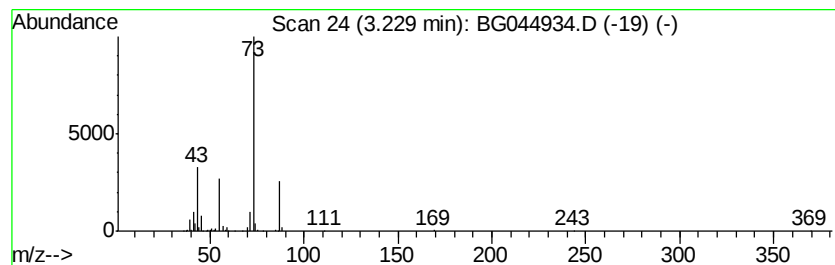
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	14.85 ng	415303	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9



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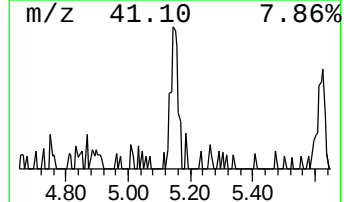
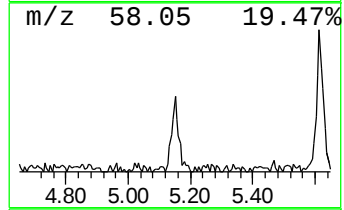
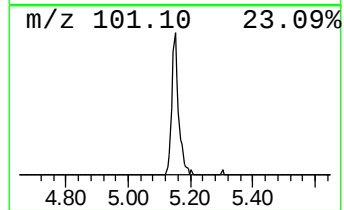
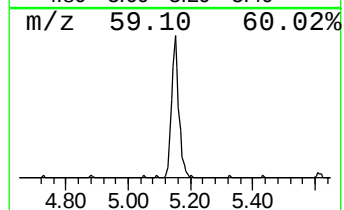
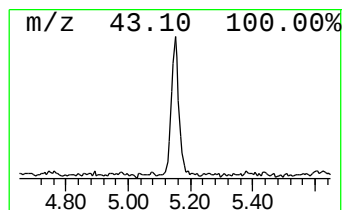
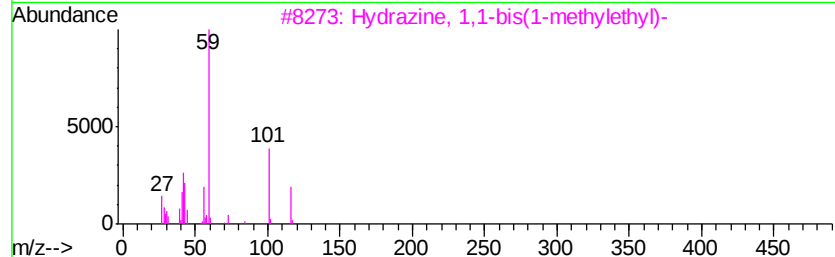
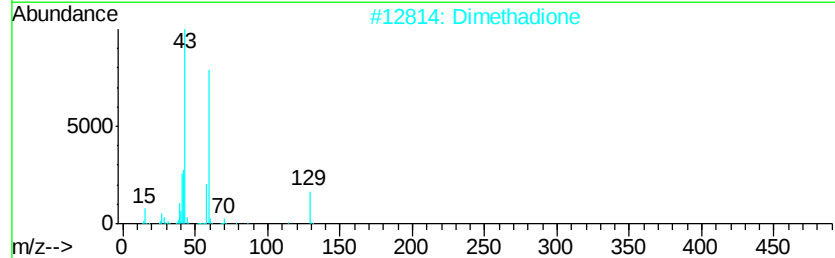
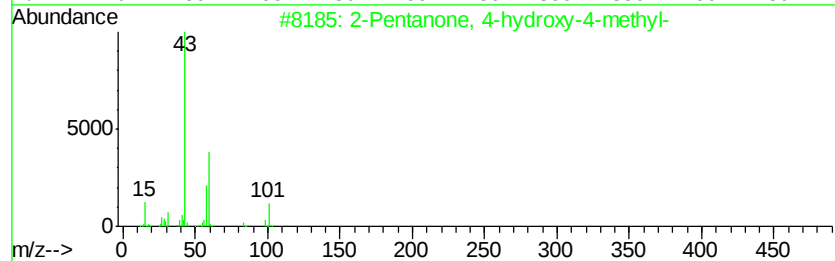
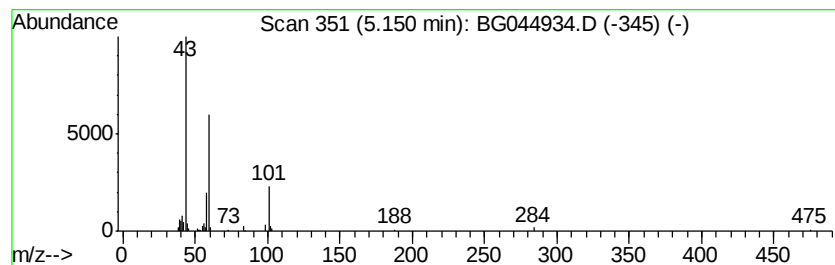
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Peak Number 3 unknown5.15 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.14 ng	87869	1,4-Dichlorobenzene-d4	8.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2			Dimethadione	129	C5H7NO3	000695-53-4	42
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	12



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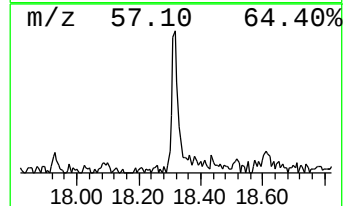
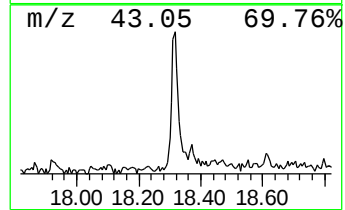
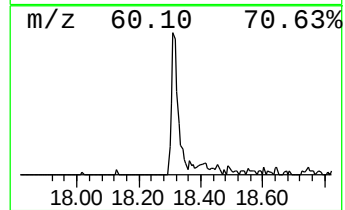
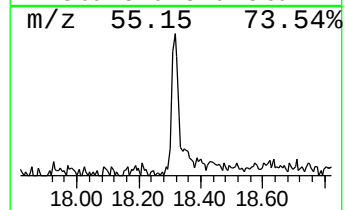
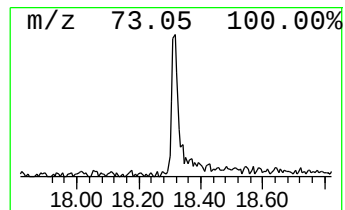
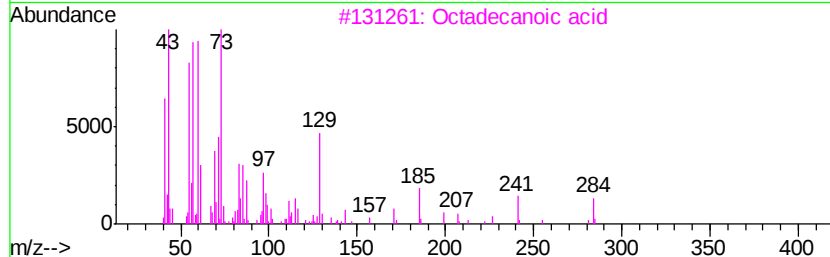
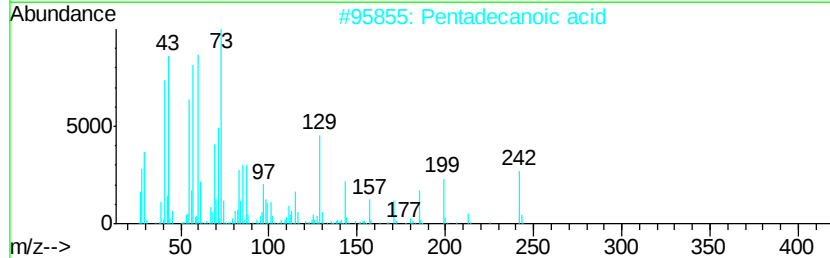
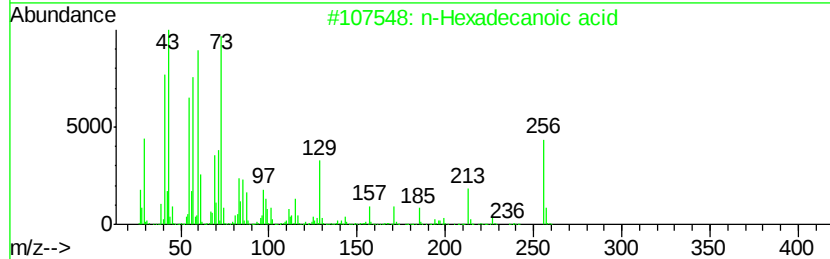
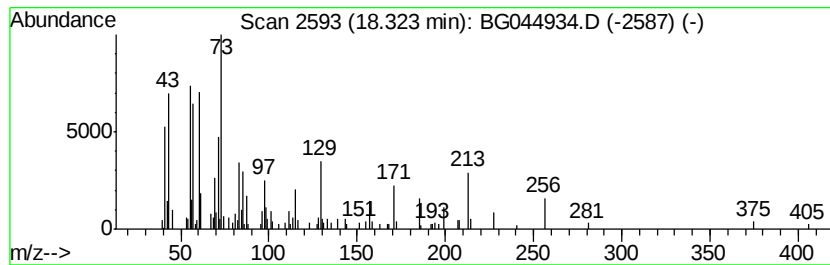
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.67 ng	164160	Phenanthrene-d10	17.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3		Octadecanoic acid	284	C18H36O2	000057-11-4	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



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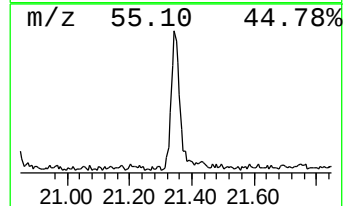
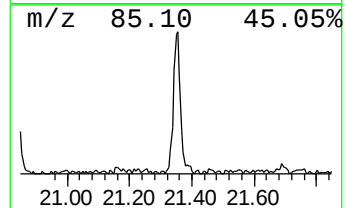
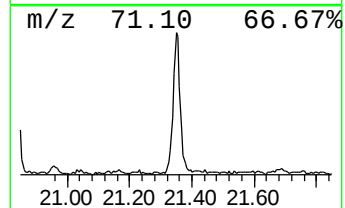
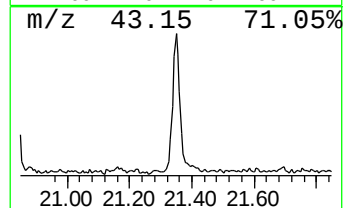
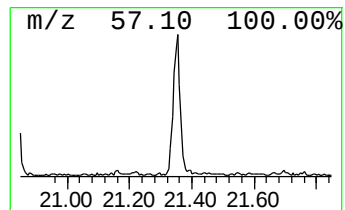
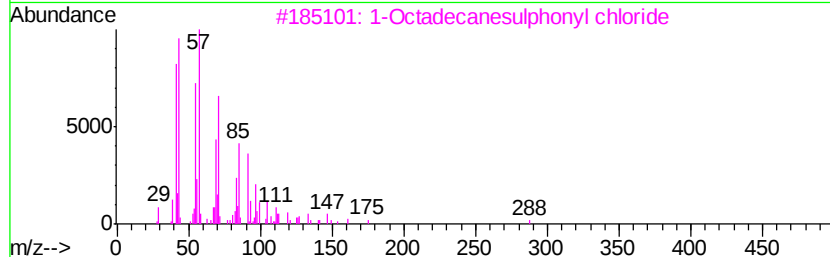
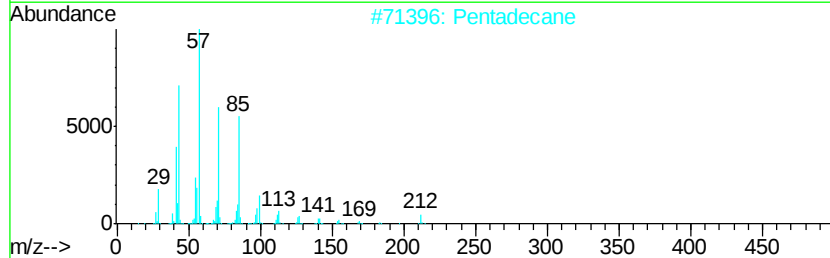
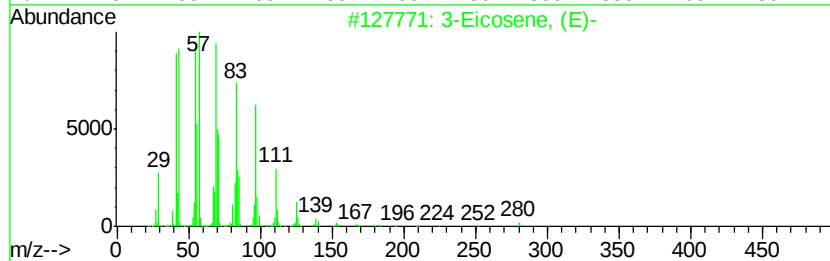
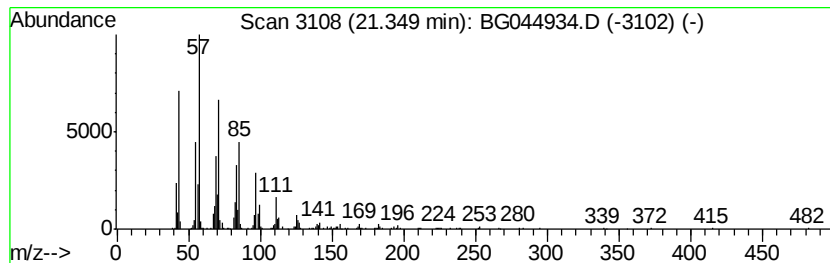
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Peak Number 6 3-Eicosene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	6.35 ng	425958	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2		Pentadecane	212	C15H32	000629-62-9	93
3		1-Octadecanesulphonvl chloride	352	C18H37ClO2S	1000342-70-4	91
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	87
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83



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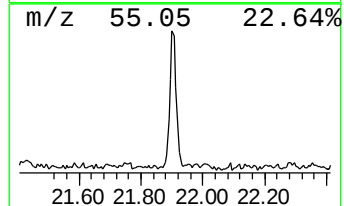
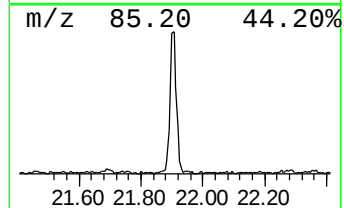
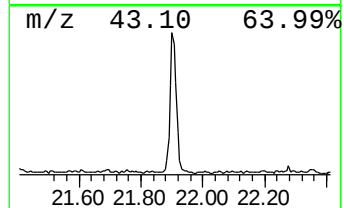
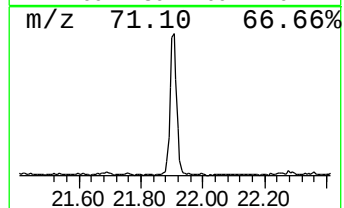
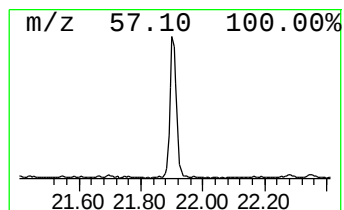
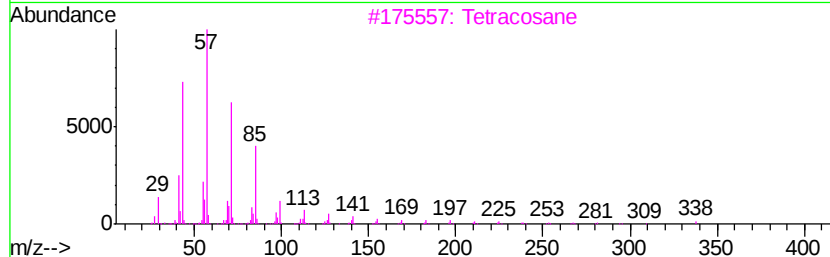
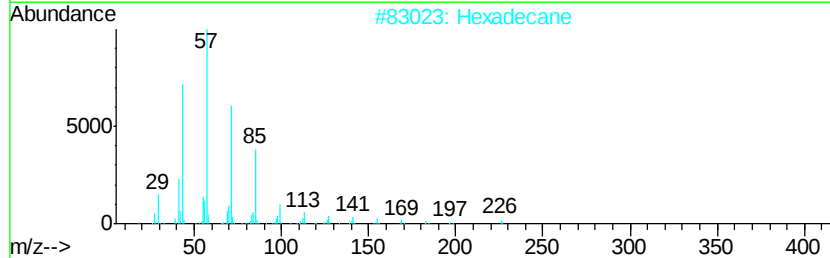
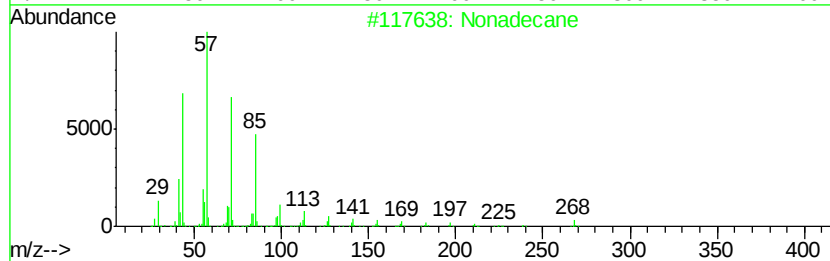
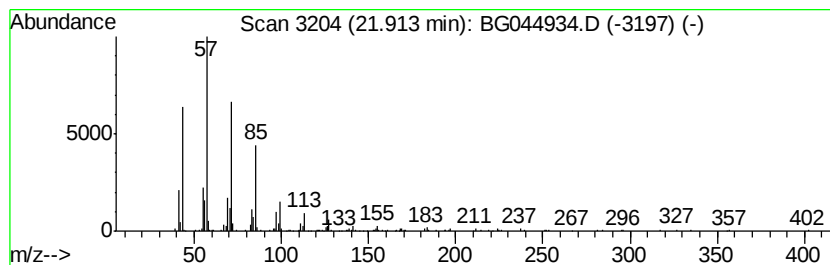
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Peak Number 7 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.91	6.67 ng	447634	Chrysene-d12		21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane			268	C19H40	000629-92-5	94
2	Hexadecane			226	C16H34	000544-76-3	93
3	Tetracosane			338	C24H50	000646-31-1	91
4	Hexacosane			366	C26H54	000630-01-3	91
5	Heneicosane			296	C21H44	000629-94-7	91



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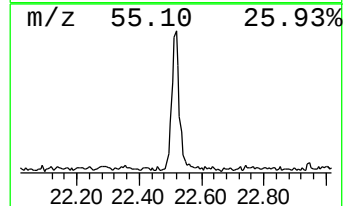
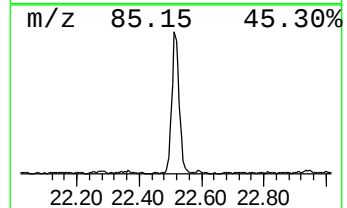
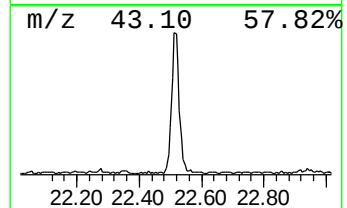
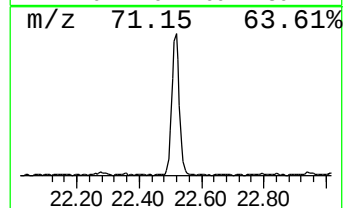
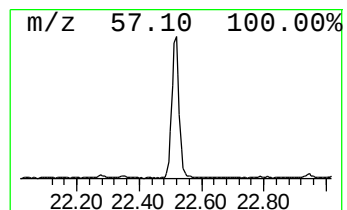
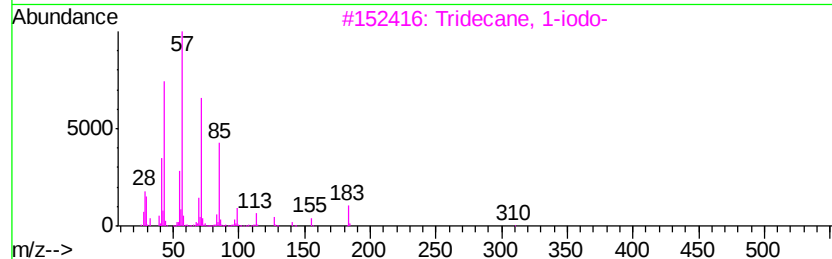
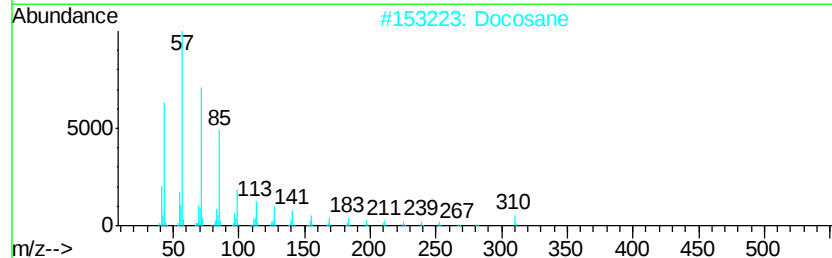
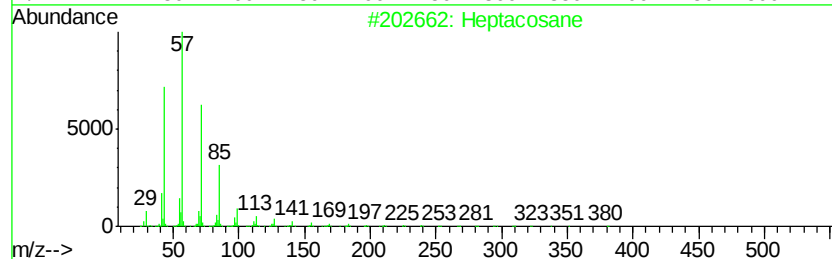
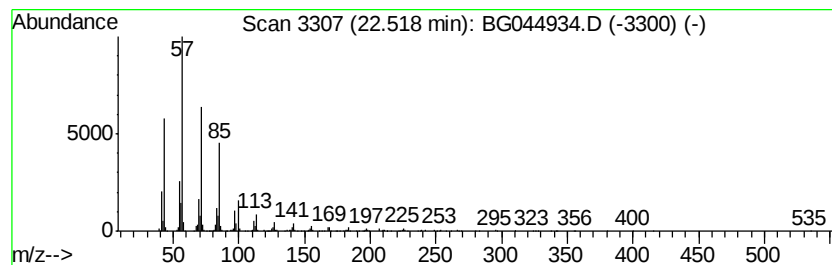
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	10.38 ng	696069	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	96
2	Docosane		310	C22H46	000629-97-0	94
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	93
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044934.D
Acq On : 24 Mar 2020 17:28
Operator : CG/JU
Sample : L2021-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-A

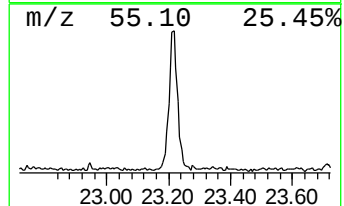
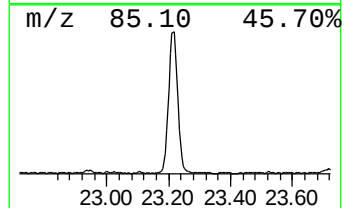
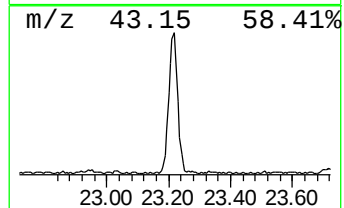
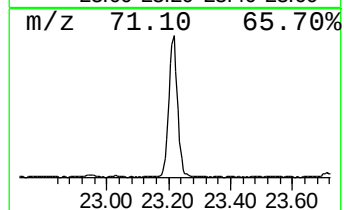
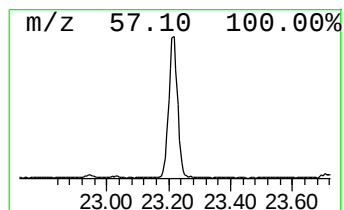
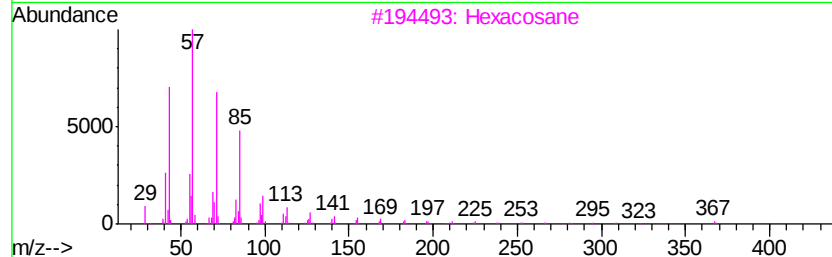
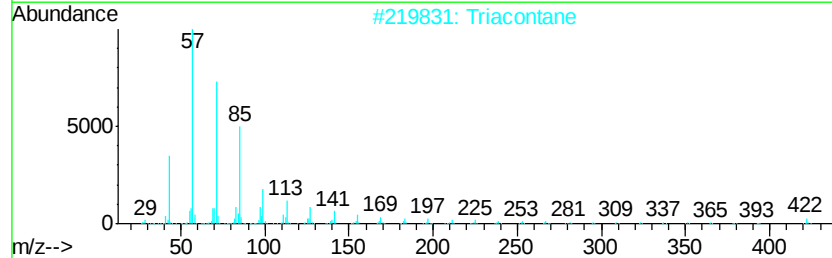
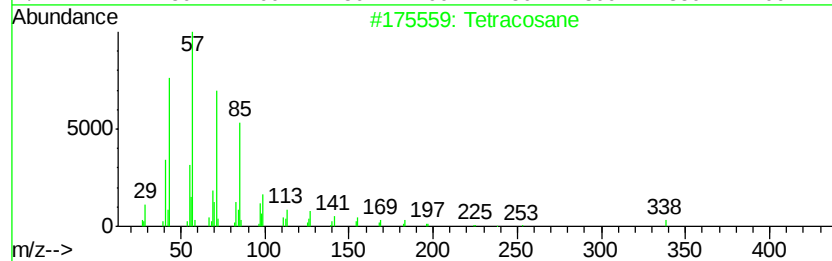
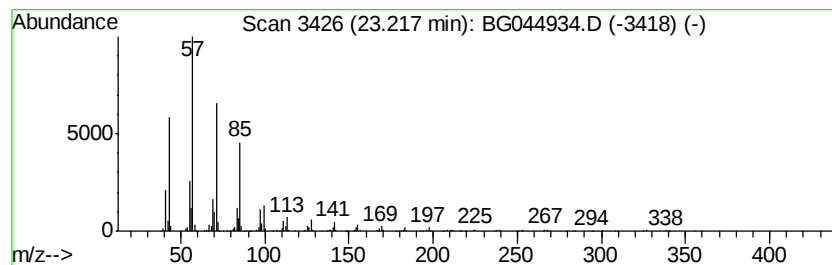
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	12.99 ng	871043	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Triacontane	422	C30H62	000638-68-6	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044934.D
Acq On : 24 Mar 2020 17:28
Operator : CG/JU
Sample : L2021-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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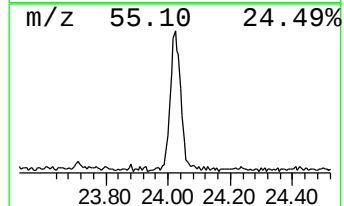
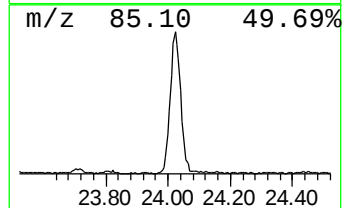
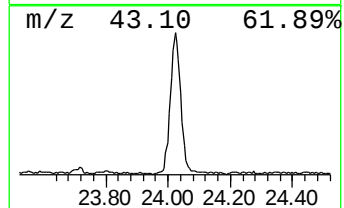
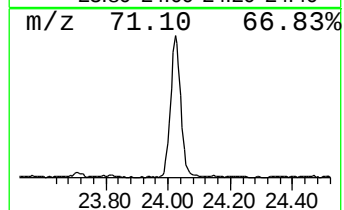
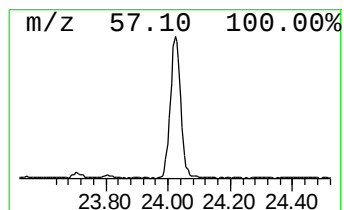
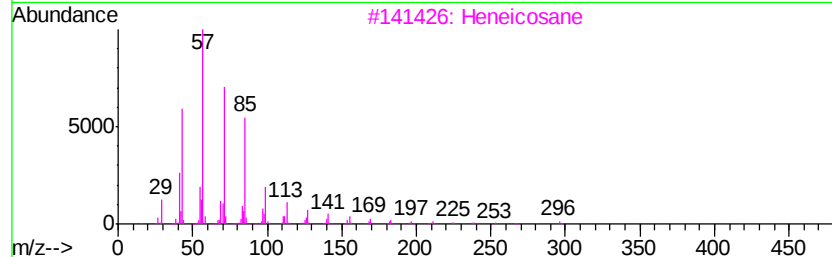
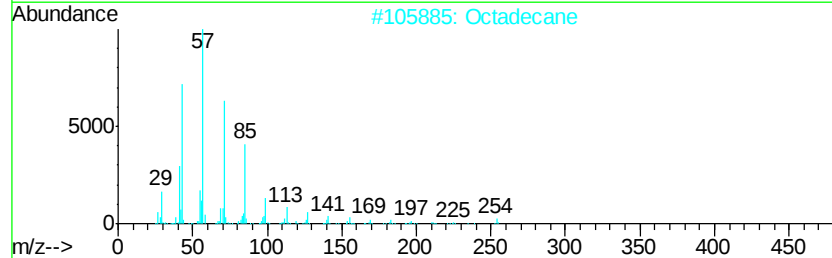
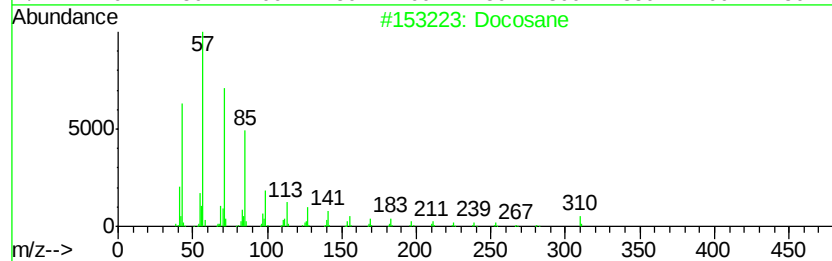
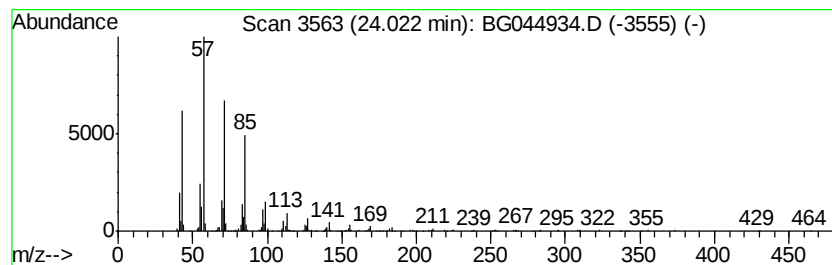
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Docosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	13.49 ng	916036	Perylene-d12	24.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	97
2		Octadecane	254	C18H38	000593-45-3	95
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044934.D
 Acq On : 24 Mar 2020 17:28
 Operator : CG/JU
 Sample : L2021-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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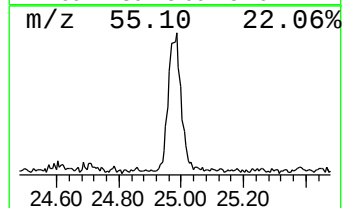
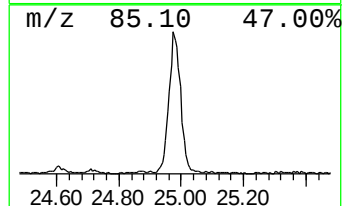
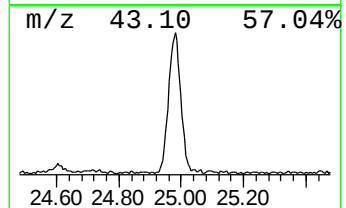
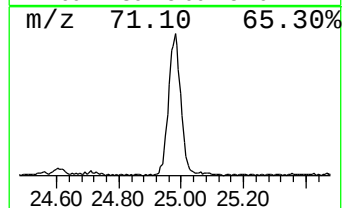
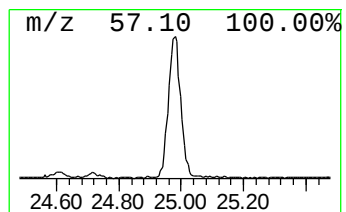
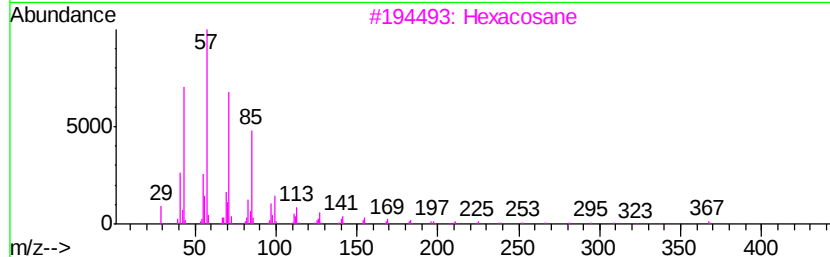
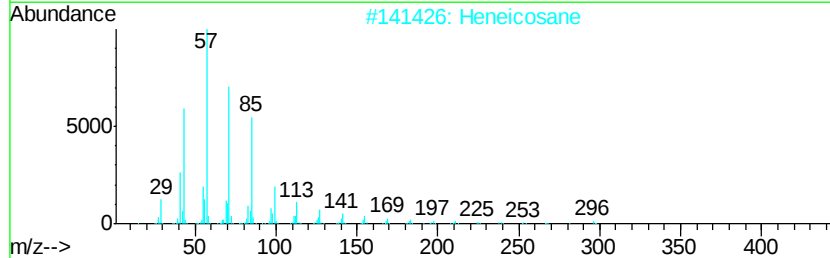
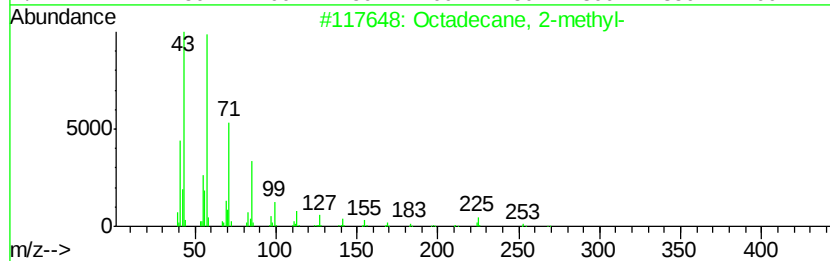
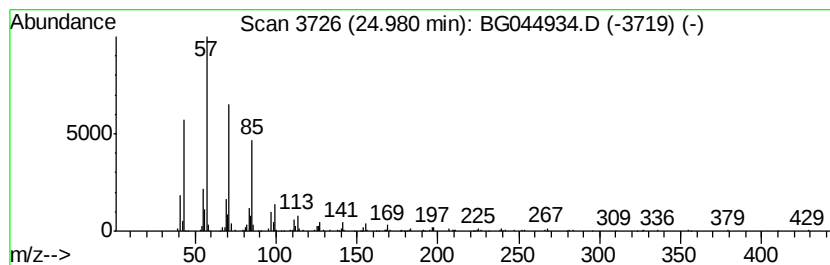
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Octadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	12.36 ng	838848	Perylene-d12	24.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044934.D
Acq On : 24 Mar 2020 17:28
Operator : CG/JU
Sample : L2021-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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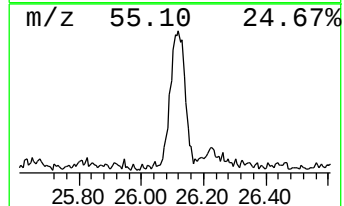
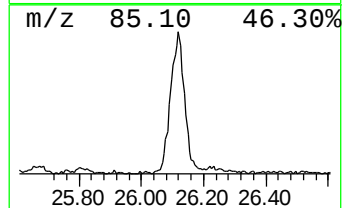
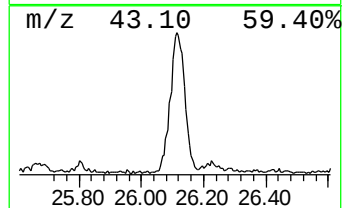
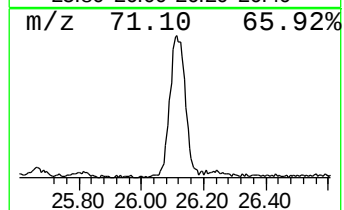
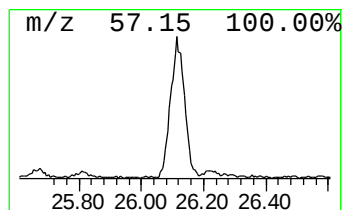
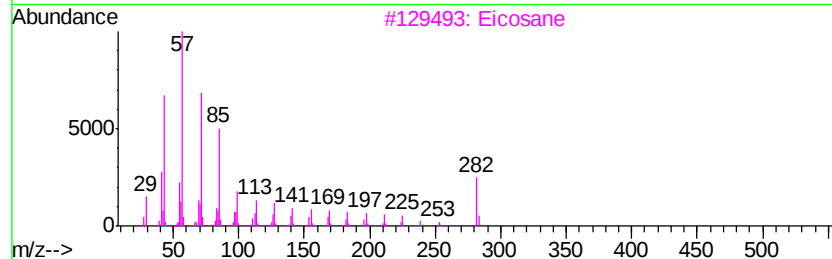
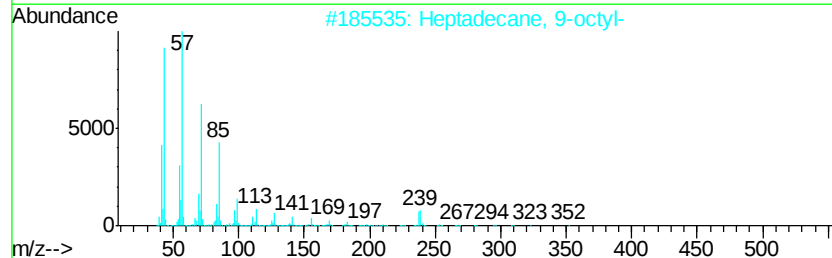
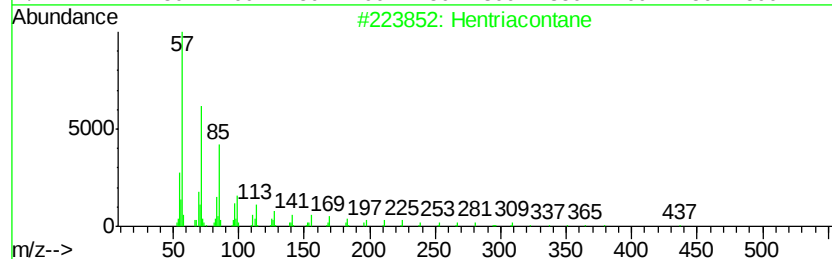
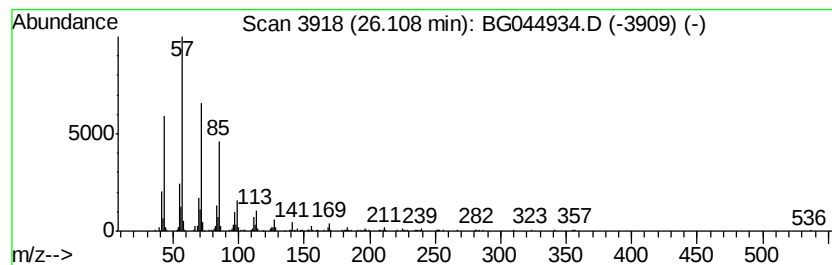
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.11	10.16 ng	689951	Perylene-d12	24.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
3	Eicosane		282	C20H42	000112-95-8	90
4	Hexatriacontane		507	C36H74	000630-06-8	87
5	Heptacosane		380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044934.D
Acq On : 24 Mar 2020 17:28
Operator : CG/JU
Sample : L2021-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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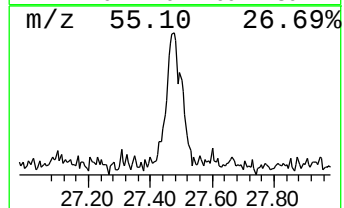
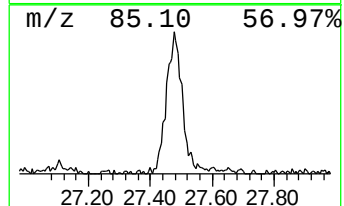
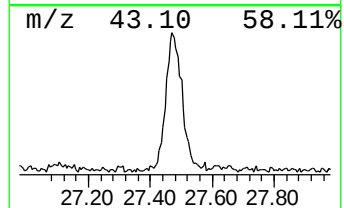
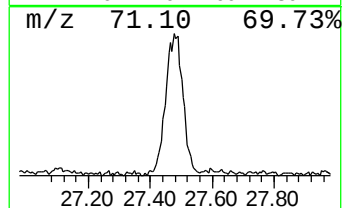
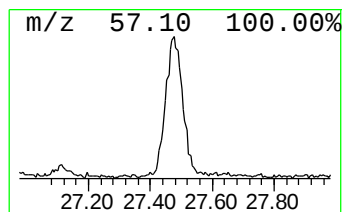
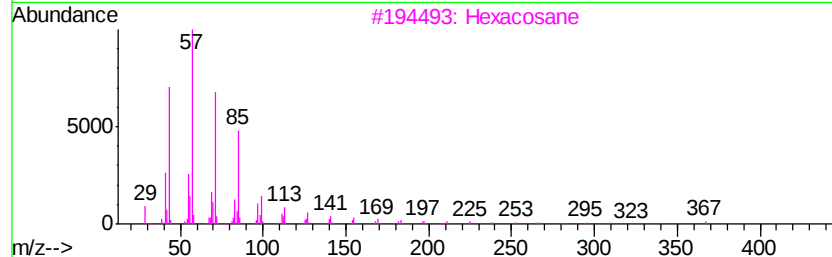
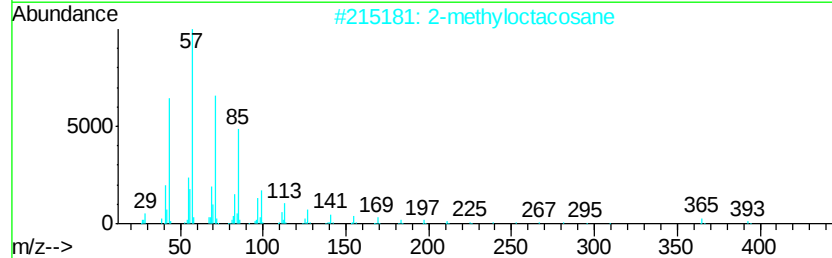
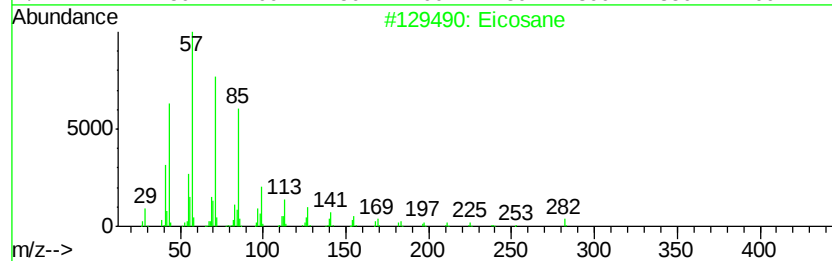
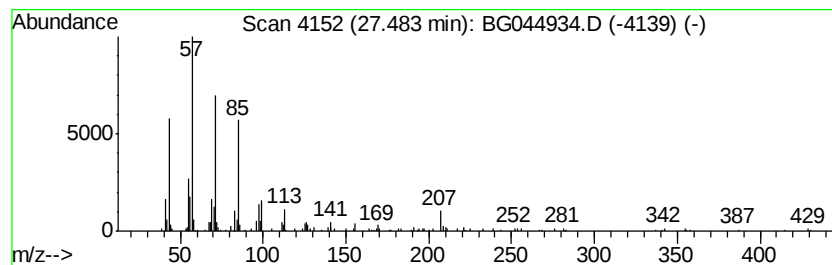
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.48	6.09 ng	413520	Perylene-d12	24.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	87
2			2-methyloctacosane	408	C29H60	1000376-72-8	86
3			Hexacosane	366	C26H54	000630-01-3	86
4			Docosane, 11-decyl-	451	C32H66	055401-55-3	86
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
Data File : BG044934.D
Acq On : 24 Mar 2020 17:28
Operator : CG/JU
Sample : L2021-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-A

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
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unknown5.15	5.15	3.1	ng	87869	1	8.04	559276	20.0
n-Hexadecanoic acid	18.32	2.7	ng	164160	4	17.42	1229400	20.0
3-Eicosene, (E)-	21.35	6.3	ng	425958	5	21.68	1341560	20.0
Nonadecane	21.91	6.7	ng	447634	5	21.68	1341560	20.0
Heptacosane	22.52	10.4	ng	696069	5	21.68	1341560	20.0
Tetracosane	23.22	13.0	ng	871043	5	21.68	1341560	20.0
Docosane	24.02	13.5	ng	916036	6	24.89	1357850	20.0
Octadecane, 2-met...	24.98	12.4	ng	838848	6	24.89	1357850	20.0
Hentriacontane	26.11	10.2	ng	689951	6	24.89	1357850	20.0
Eicosane	27.48	6.1	ng	413520	6	24.89	1357850	20.0