

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
 Data File : BG043075.D
 Acq On : 7 Oct 2019 19:48
 Operator : JU
 Sample : K5154-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-102D

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-BG092519.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	3.165	7	13	22	rBV	245060	469238	8.78%	1.793%
2	3.241	22	26	40	rVB	618657	880223	16.48%	3.364%
3	5.168	348	354	359	rBV	38976	60415	1.13%	0.231%
4	5.638	428	434	442	rBV	541298	878941	16.45%	3.359%
5	7.225	696	704	721	rBV	358552	730177	13.67%	2.791%
6	7.595	759	767	776	rBV	880595	1499653	28.07%	5.732%
7	8.059	838	846	852	rBV	171996	300133	5.62%	1.147%
8	8.382	893	901	909	rBV	632477	1124666	21.05%	4.298%
9	9.216	1035	1043	1056	rBV	537499	964700	18.06%	3.687%
10	10.862	1314	1323	1336	rBV	221108	420123	7.86%	1.606%
11	13.306	1731	1739	1752	rBV	1603714	2570745	48.12%	9.825%
12	14.128	1873	1879	1886	rBV	189632	298627	5.59%	1.141%
13	14.681	1965	1973	1981	rBV	428031	700579	13.11%	2.678%
14	16.161	2217	2225	2236	rBV	1639017	2617463	49.00%	10.004%
15	17.419	2433	2439	2449	rBV2	635638	995857	18.64%	3.806%
16	17.536	2454	2459	2465	rVB2	134314	189028	3.54%	0.722%
17	18.318	2585	2592	2601	rBV	386363	715956	13.40%	2.736%
18	19.581	2801	2807	2821	rBV3	94374	305693	5.72%	1.168%
19	20.033	2877	2884	2895	rBV	3908779	5341839	100.00%	20.416%
20	20.333	2931	2935	2942	rBV	71374	83392	1.56%	0.319%
21	20.826	3014	3019	3023	rBV2	113565	140956	2.64%	0.539%
22	21.332	3101	3105	3111	rBV	125520	166648	3.12%	0.637%
23	21.690	3159	3166	3173	rBV	664726	1175165	22.00%	4.491%
24	21.884	3194	3199	3204	rVB	168418	238658	4.47%	0.912%
25	22.495	3297	3303	3307	rBV	173510	288496	5.40%	1.103%
26	23.182	3414	3420	3429	rVB	181935	345685	6.47%	1.321%
27	23.376	3450	3453	3460	rVB4	36533	66047	1.24%	0.252%
28	23.993	3549	3558	3564	rBV2	169119	380775	7.13%	1.455%
29	24.910	3702	3714	3729	rBV3	444144	1631219	30.54%	6.234%
30	26.067	3903	3911	3921	rBV2	103412	310486	5.81%	1.187%
31	27.430	4131	4143	4152	rBV6	55083	196949	3.69%	0.753%
32	29.058	4412	4420	4427	rBV6	21517	76015	1.42%	0.291%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG092519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

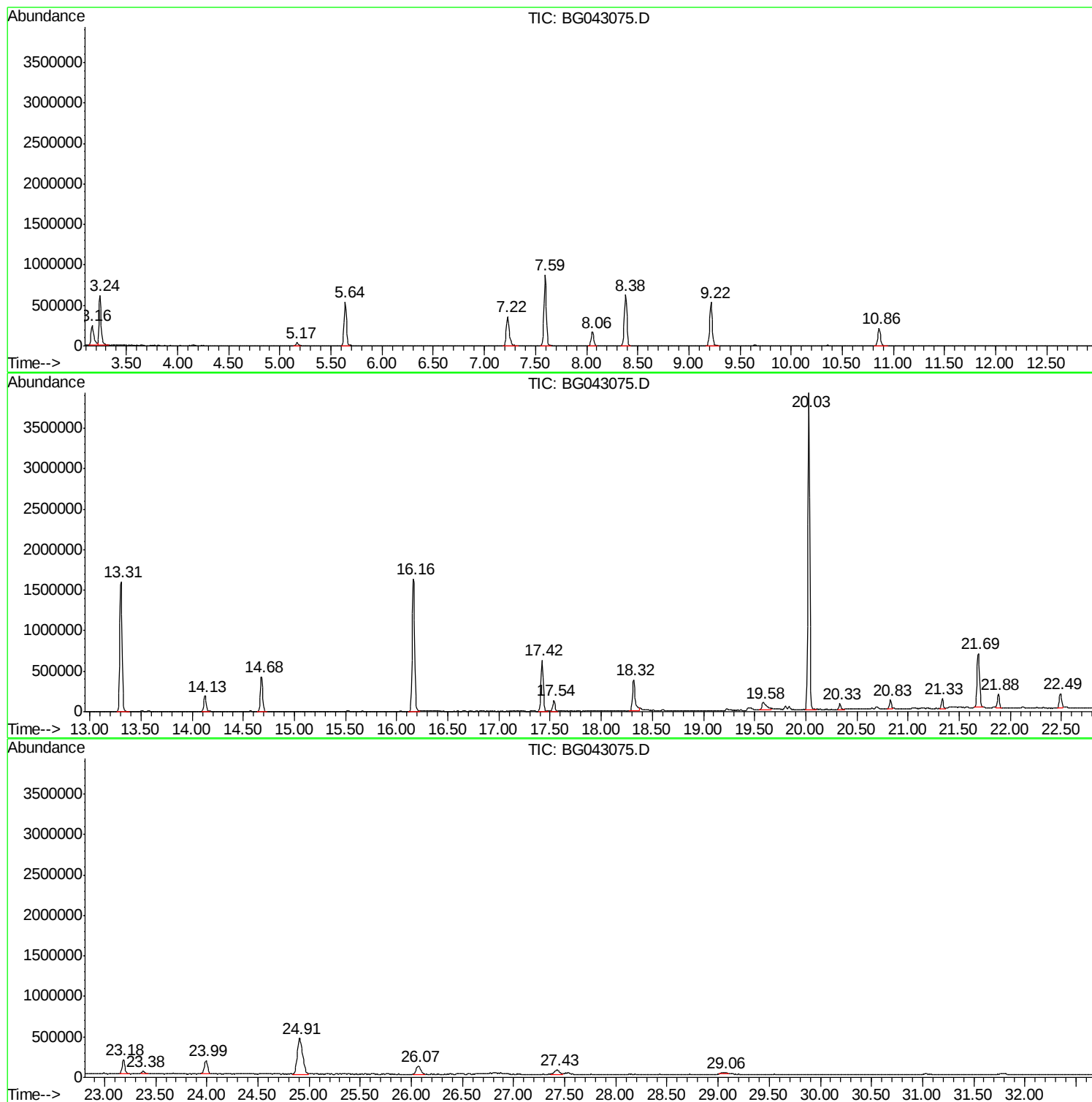
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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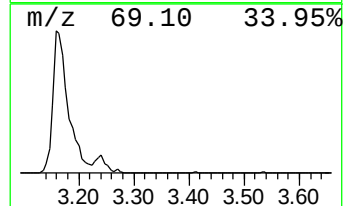
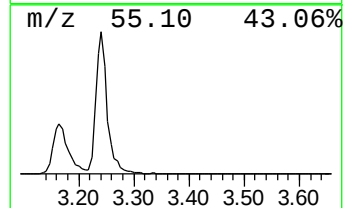
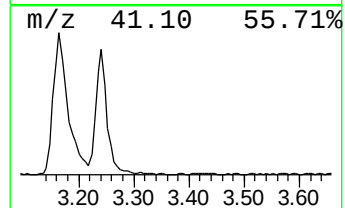
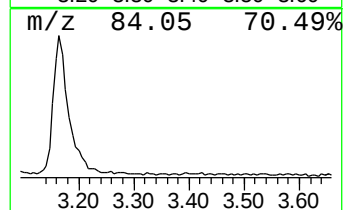
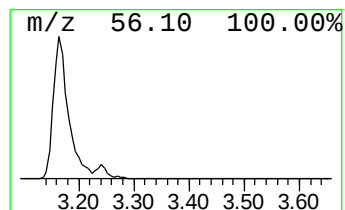
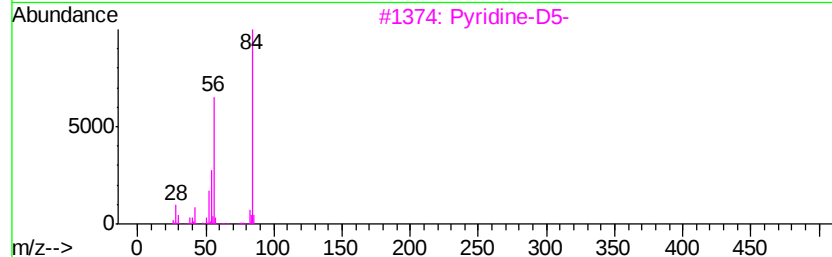
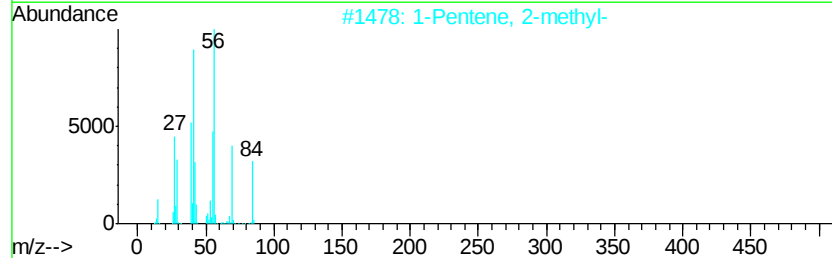
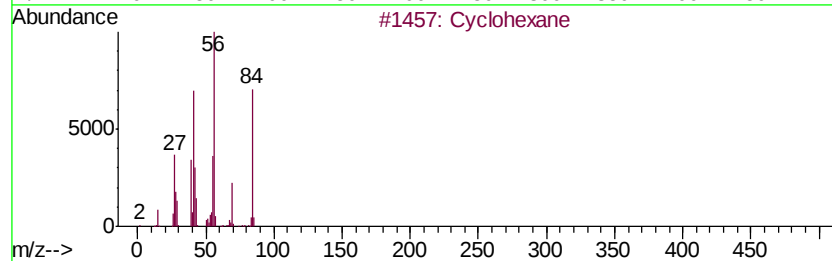
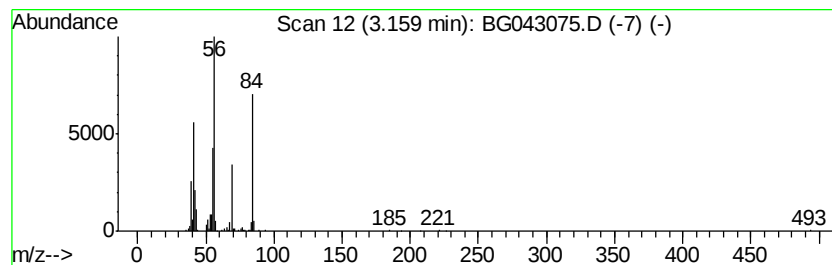
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	31.27 ng	469238	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	91
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
3		Pyridine-D5-	84	C5D5N	007291-22-7	72
4		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	50
5		Cyclobutane	56	C4H8	000287-23-0	46



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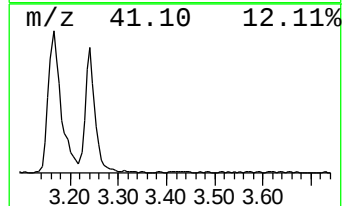
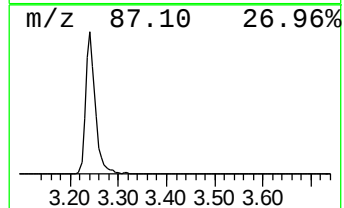
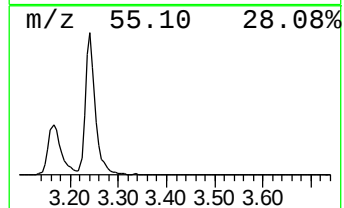
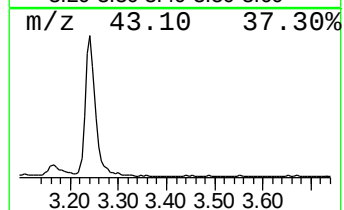
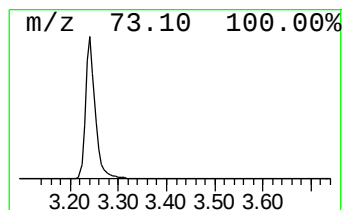
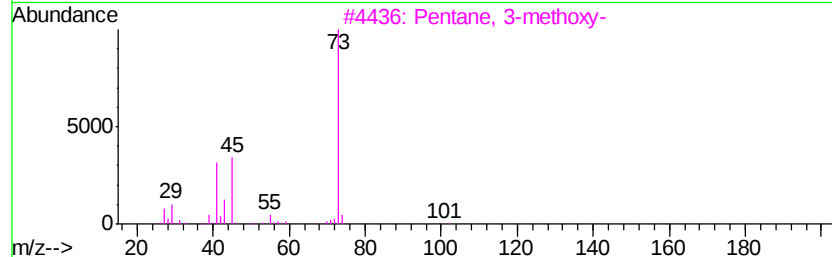
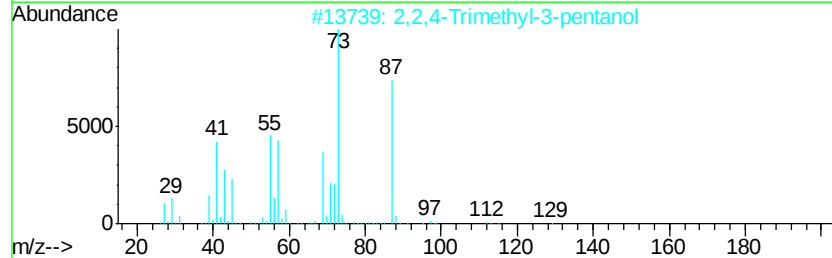
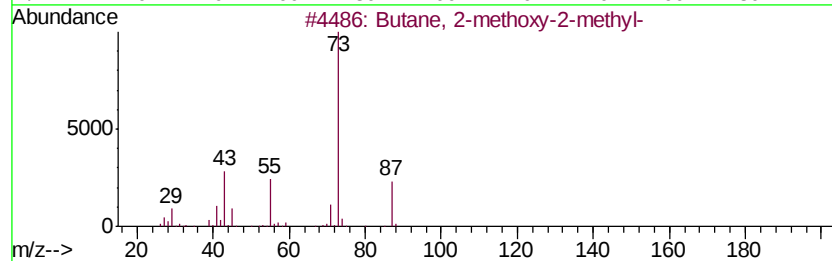
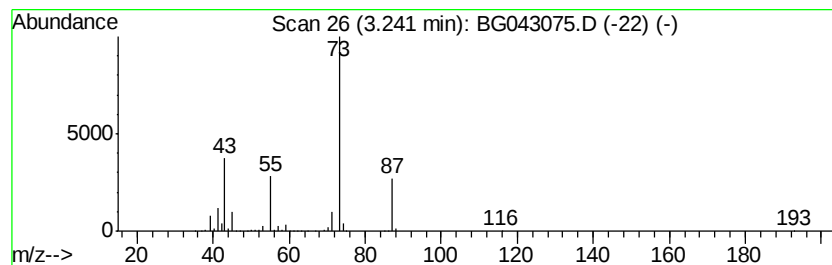
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	58.66 ng	880223	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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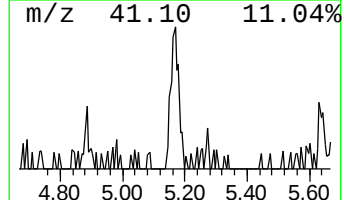
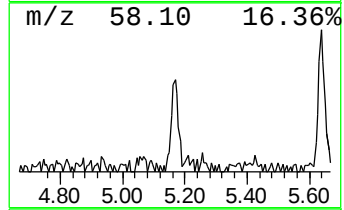
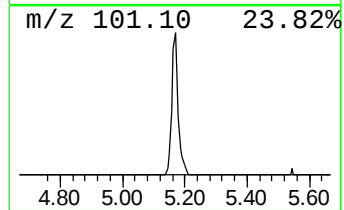
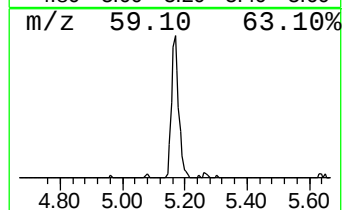
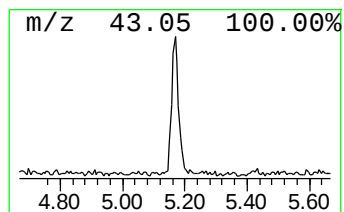
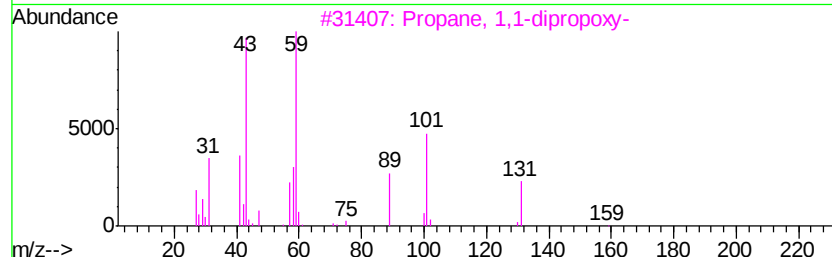
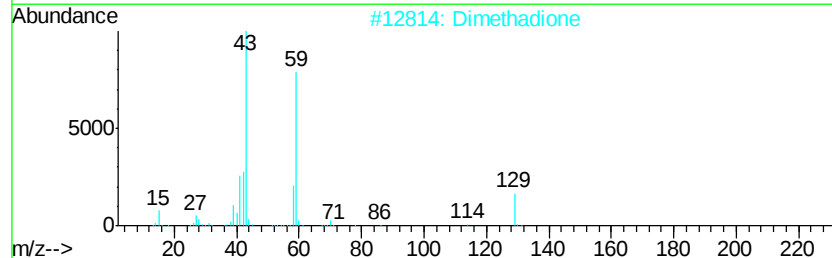
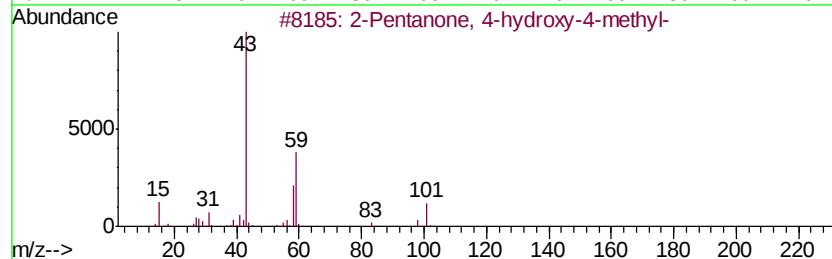
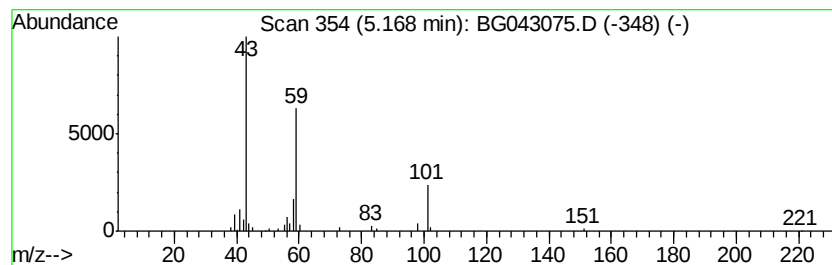
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown5.17 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	4.03 ng	60415	1,4-Dichlorobenzene-d4	8.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
2			Dimethadione	129	C5H7NO3	000695-53-4	40
3			Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
4			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5			1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25



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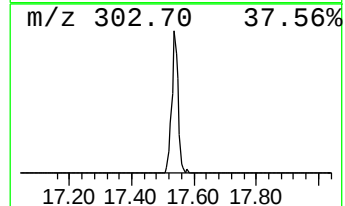
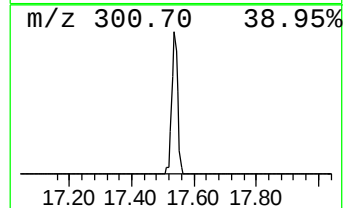
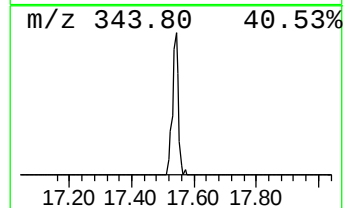
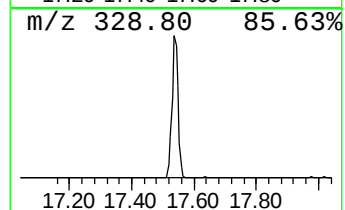
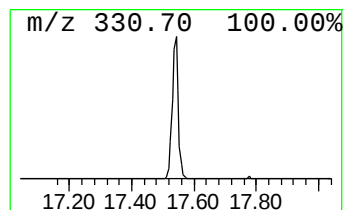
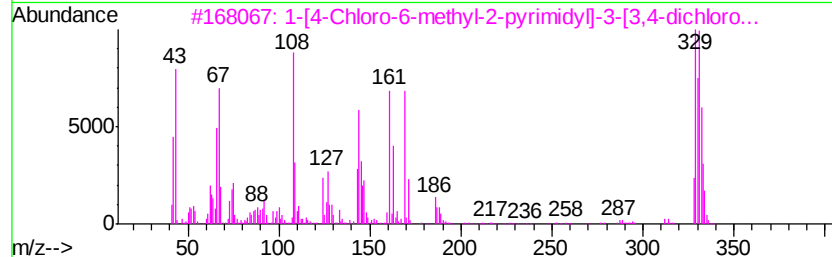
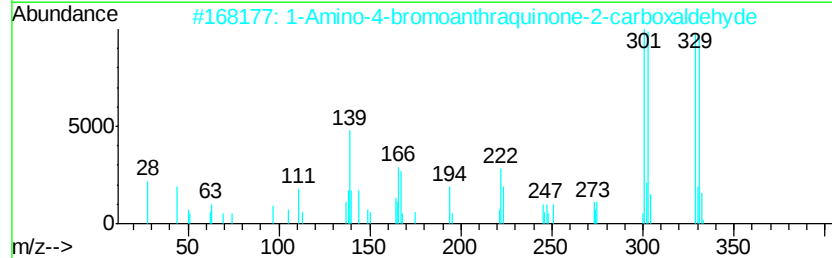
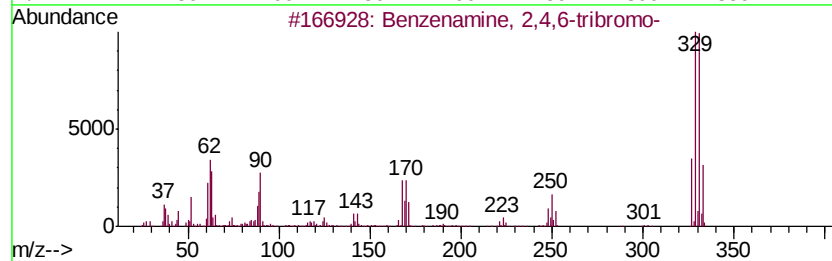
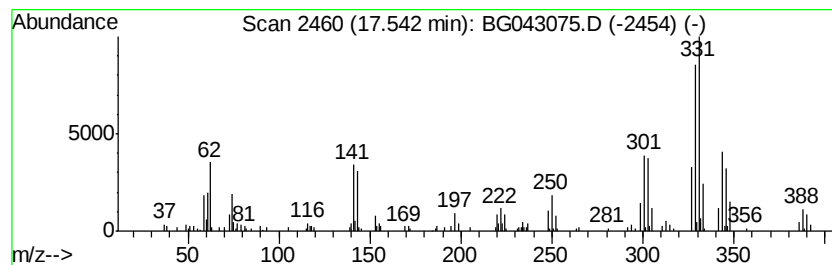
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzenamine, 2,4,6-tribromo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	3.80 ng	189028	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	93
2		1-Amino-4-bromoanthraquinone-2-c...	329	C15H8BrN03	062823-21-6	17
3		1-[4-Chloro-6-methyl-2-pyrimidyl]...	329	C12H10Cl3N5	051387-79-2	14
4		.alpha.-Mono-n-butylaminomethyl-...	414	C23H24Cl2N2O	051144-39-9	14
5		1,3,4-Oxadiazol-2-amine, 5-(2-br...	329	C11H12BrN3O4	1000350-74-8	10



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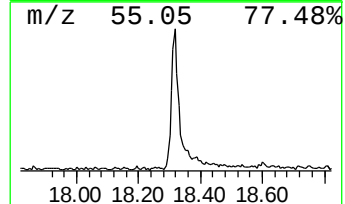
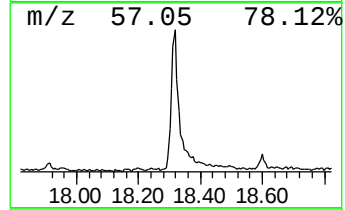
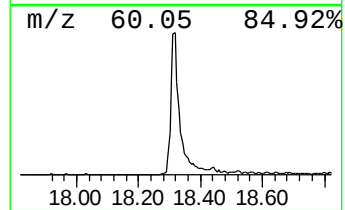
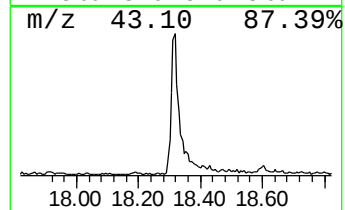
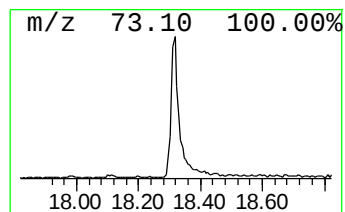
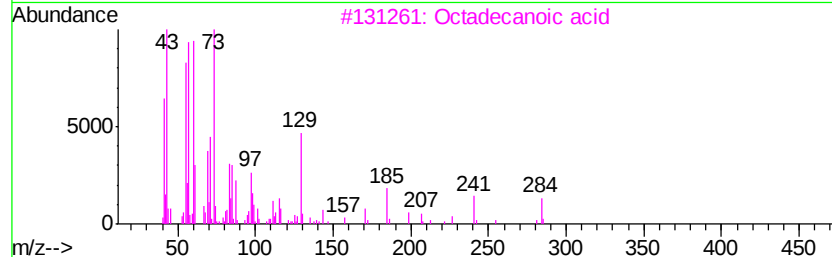
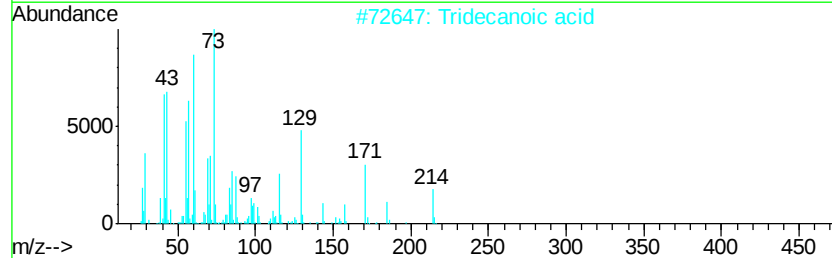
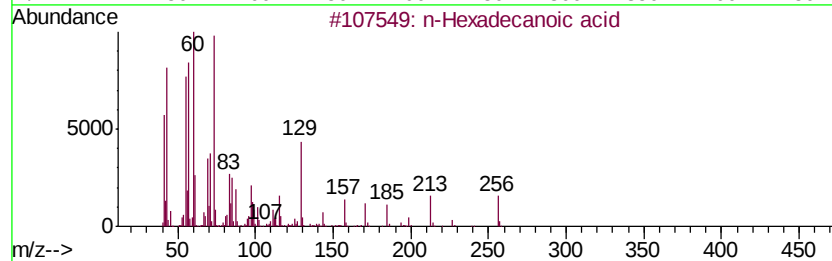
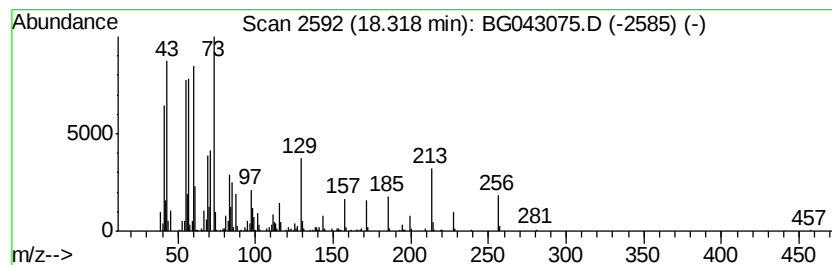
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Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	14.38 ng	715956	Phenanthrene-d10	17.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	92
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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ClientSampleId :
MW-102D

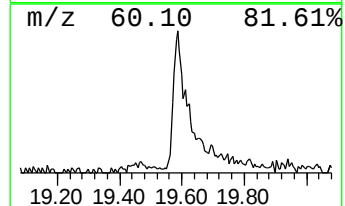
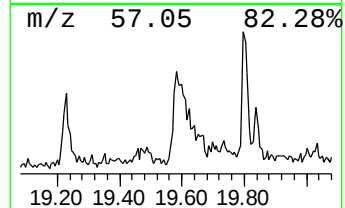
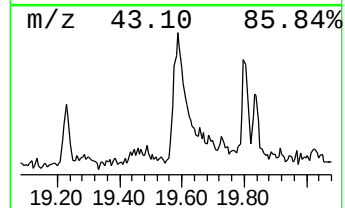
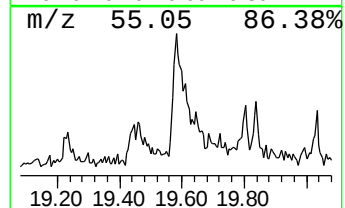
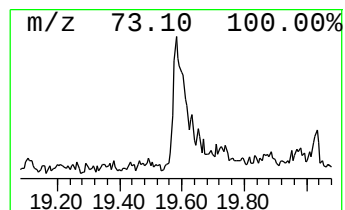
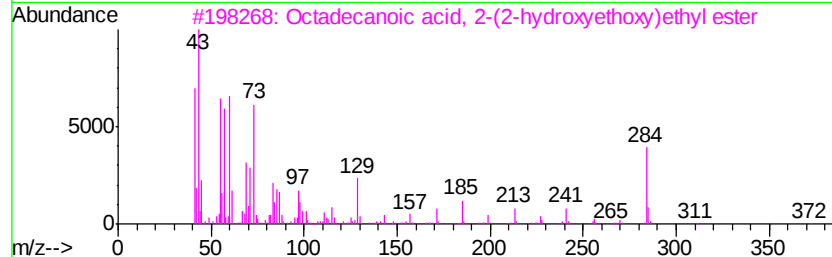
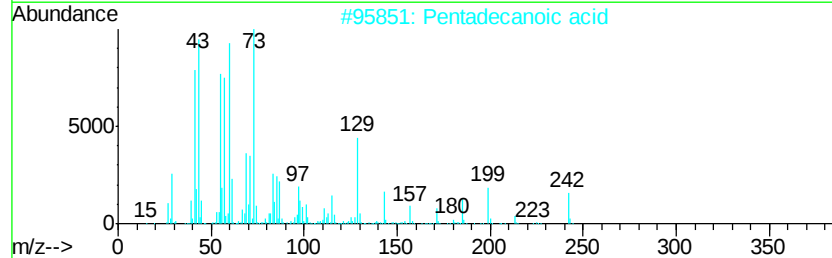
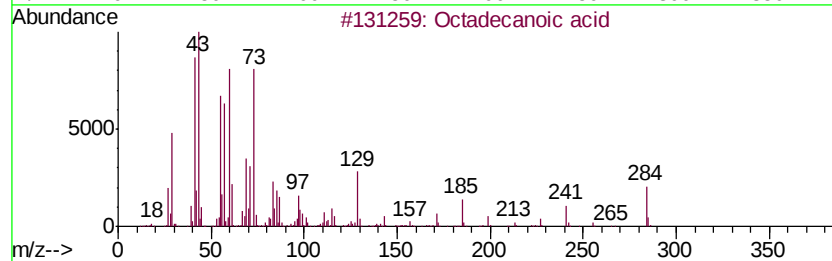
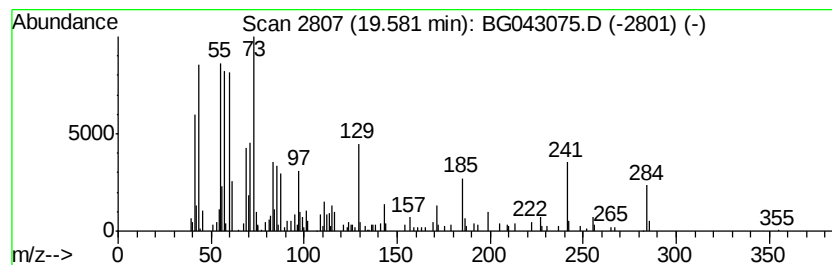
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	5.20 ng	305693	Chrysene-d12	21.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	92
3	Octadecanoic acid, 2-(2-hydroxye...		372	C22H44O4	000106-11-6	83
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	74
5	Tridecanoic acid		214	C13H26O2	000638-53-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043075.D
Acq On : 7 Oct 2019 19:48
Operator : JU
Sample : K5154-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

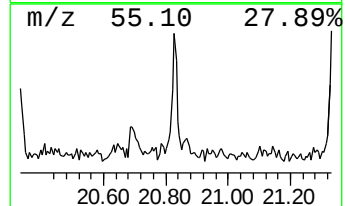
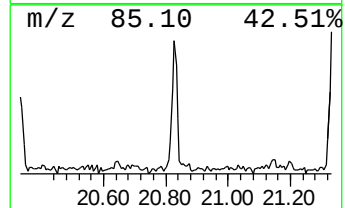
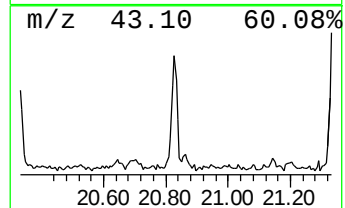
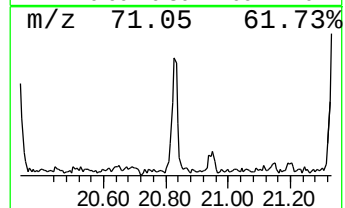
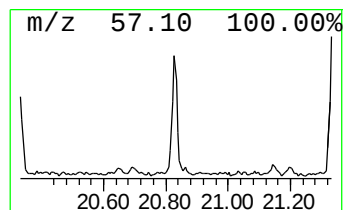
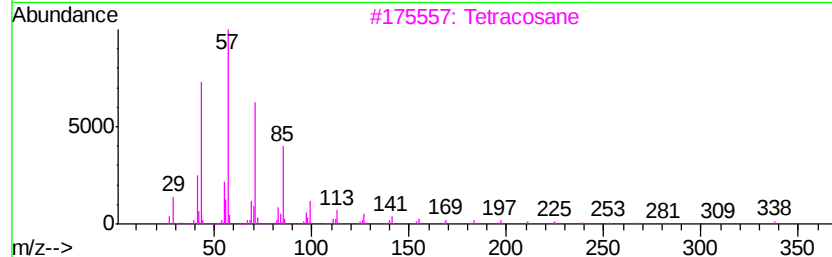
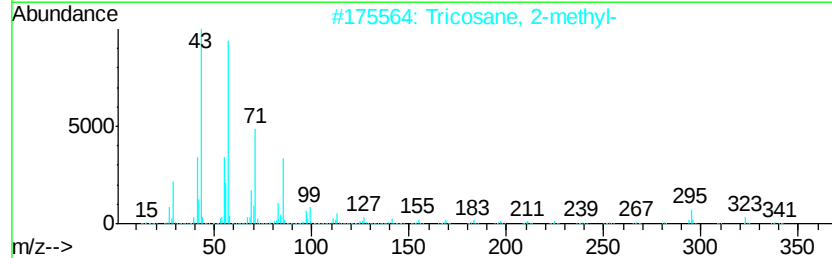
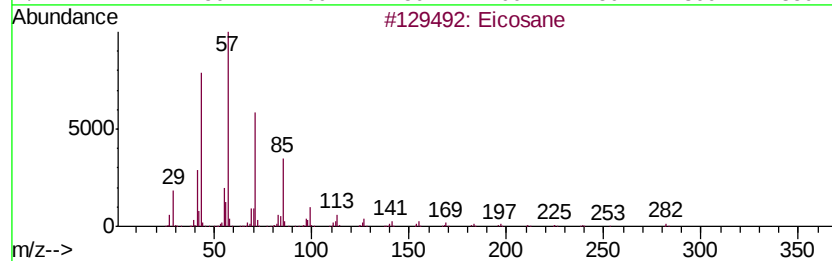
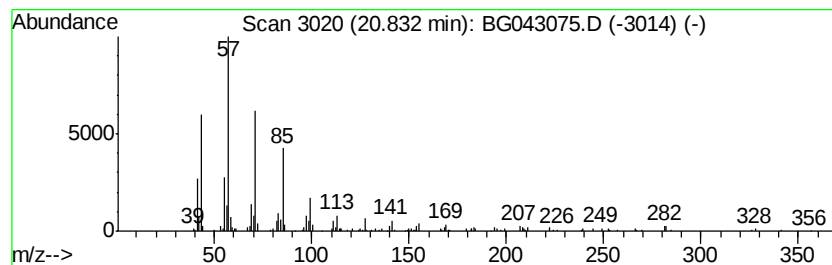
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.40 ng	140956	Chrysene-d12	21.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Tricosane, 2-methyl-	338 C24H50	001928-30-9	87
3	Tetracosane	338 C24H50	000646-31-1	80
4	1-Iodoundecane	282 C11H23I	004282-44-4	74
5	Hexadecane	226 C16H34	000544-76-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
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Misc :
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Instrument :
BNA_G
ClientSampleId :
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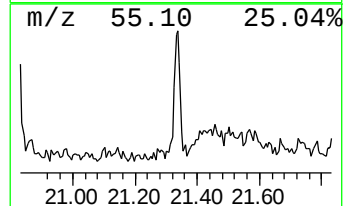
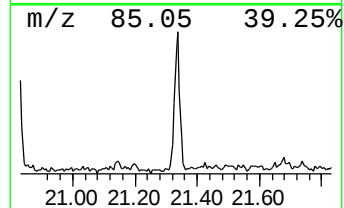
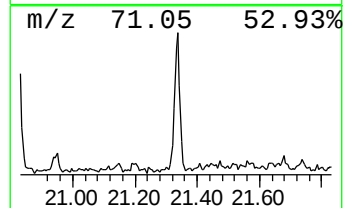
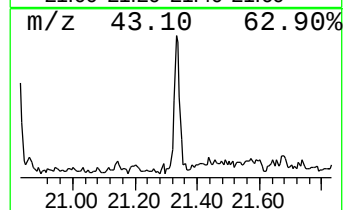
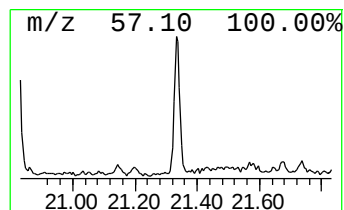
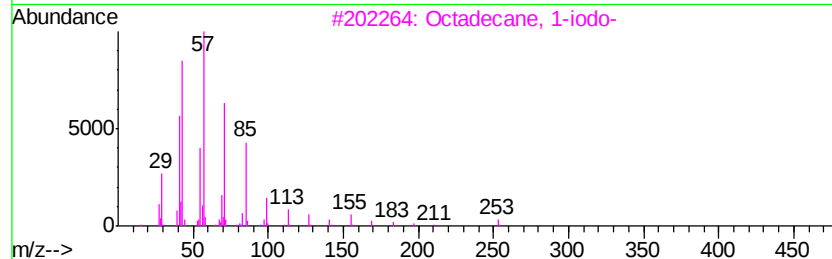
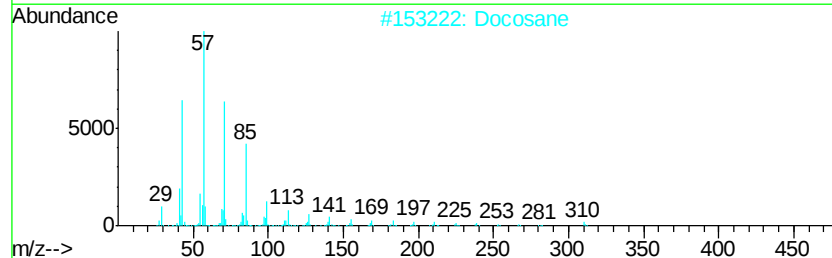
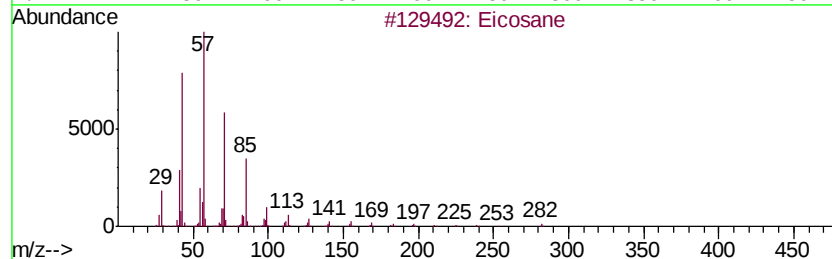
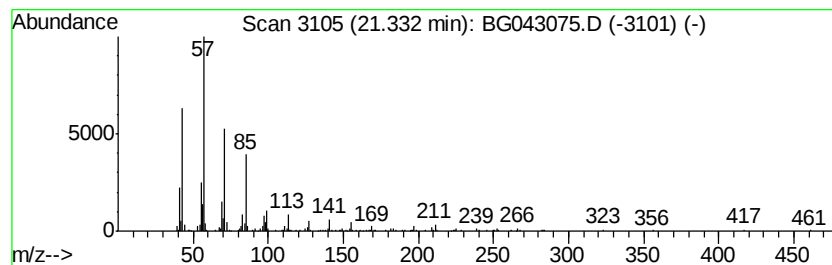
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.84 ng	166648	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Docosane	310	C22H46	000629-97-0	87
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043075.D
Acq On : 7 Oct 2019 19:48
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Sample : K5154-23
Misc :
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Instrument :
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ClientSampleId :
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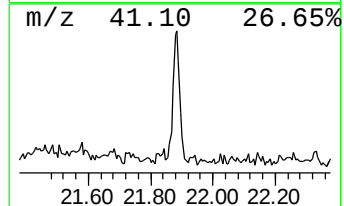
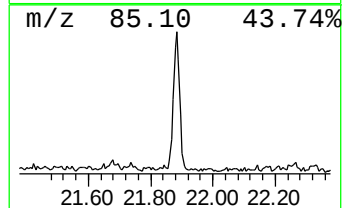
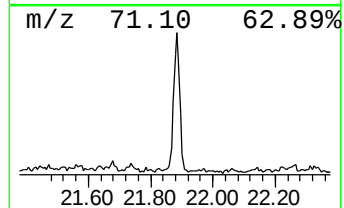
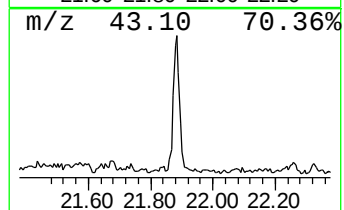
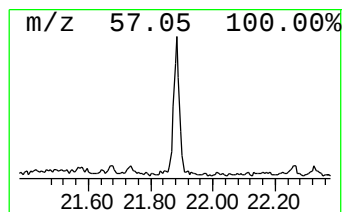
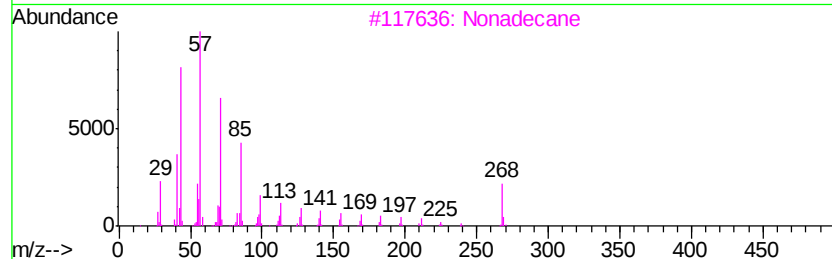
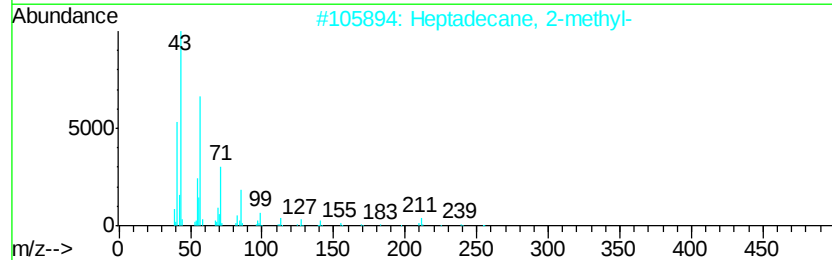
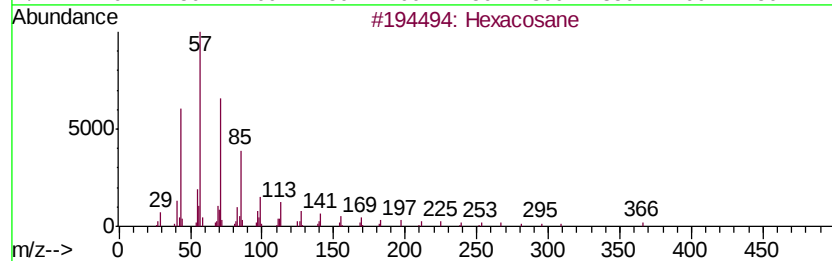
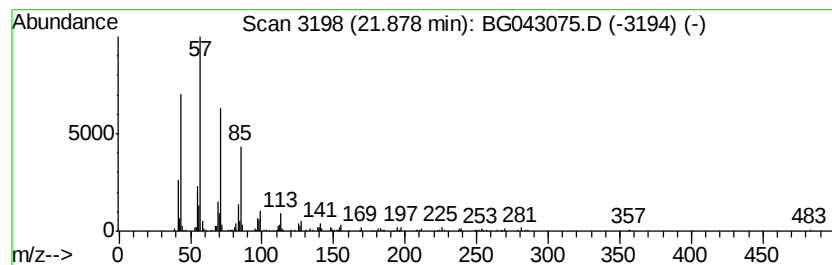
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	4.06 ng	238658	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	98
2		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	94
3		Nonadecane	268	C19H40	000629-92-5	91
4		Docosane	310	C22H46	000629-97-0	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
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Misc :
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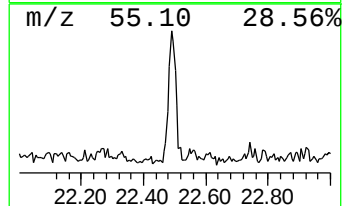
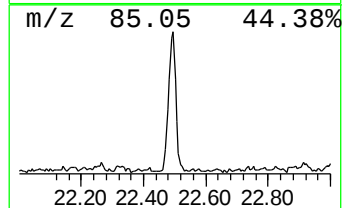
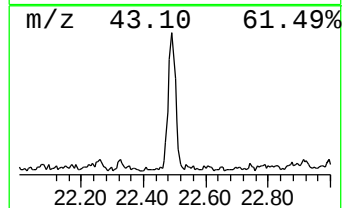
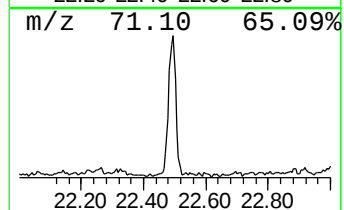
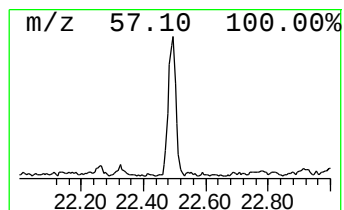
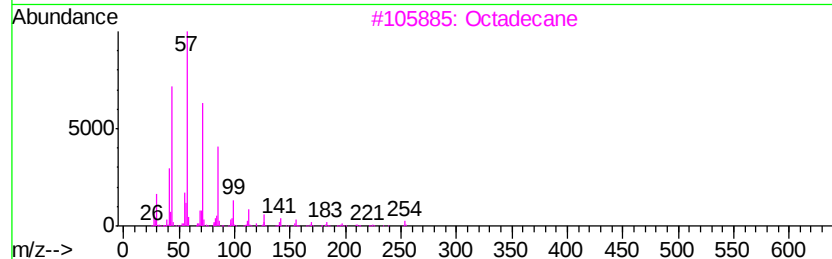
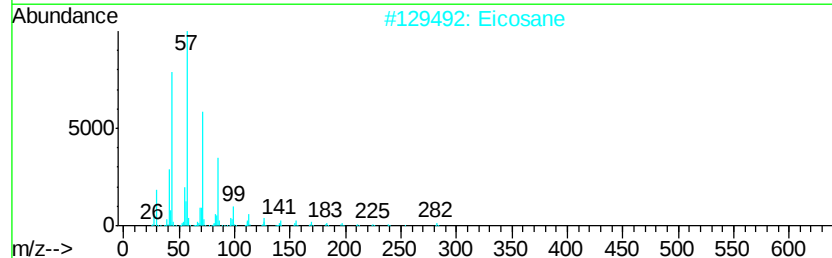
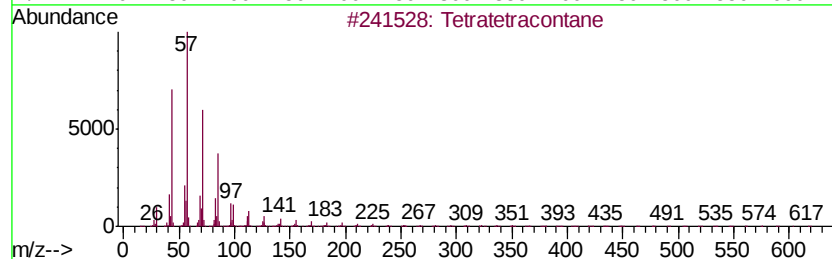
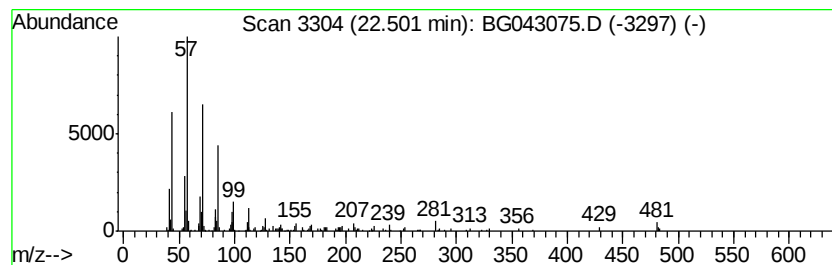
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	4.91 ng	288496	Chrysene-d12	21.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			Eicosane	282	C20H42	000112-95-8	87
3			Octadecane	254	C18H38	000593-45-3	83
4			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	83
5			Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043075.D
Acq On : 7 Oct 2019 19:48
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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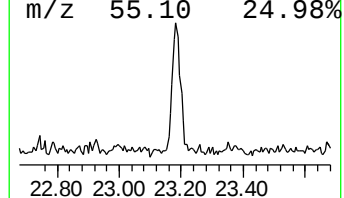
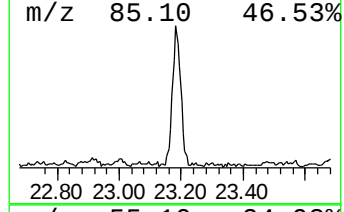
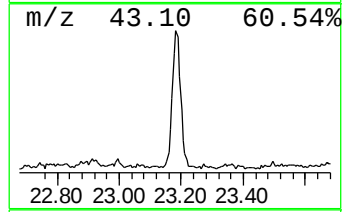
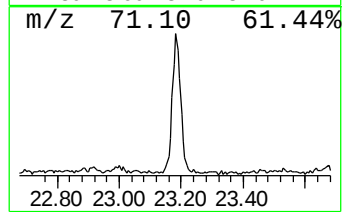
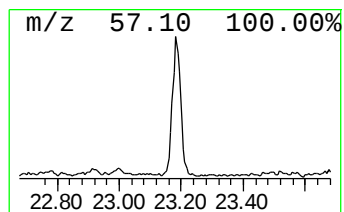
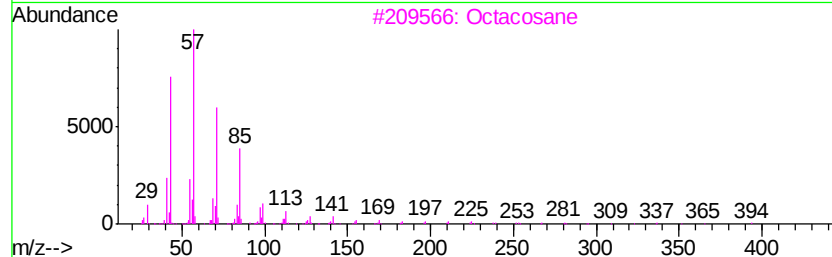
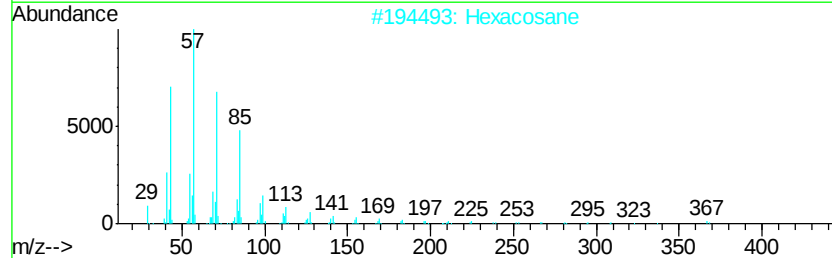
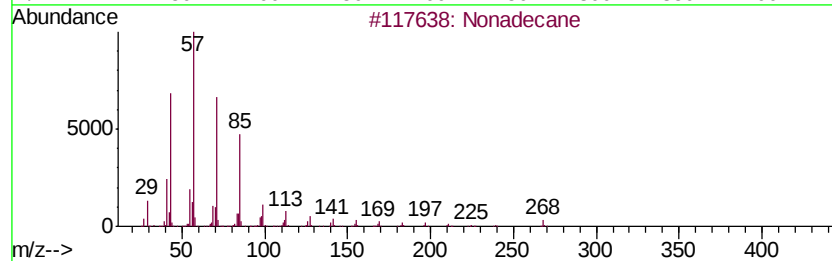
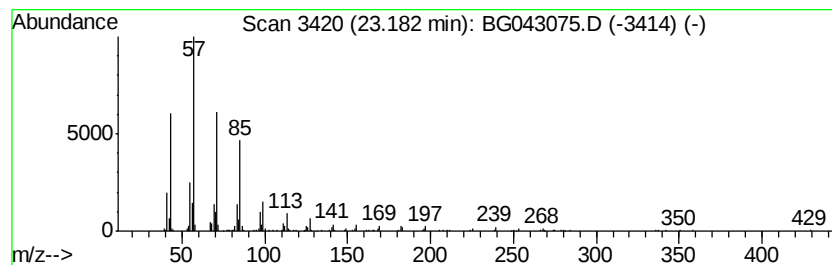
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	5.88 ng	345685	Chrysene-d12	21.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Hexacosane	366	C26H54	000630-01-3	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



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Data File : BG043075.D
Acq On : 7 Oct 2019 19:48
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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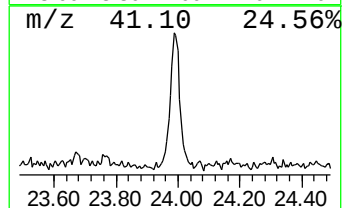
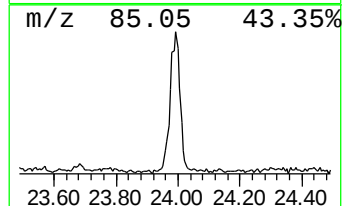
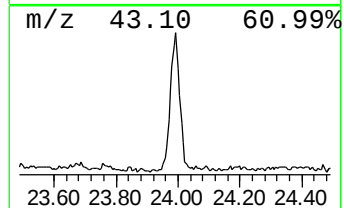
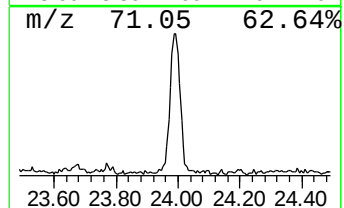
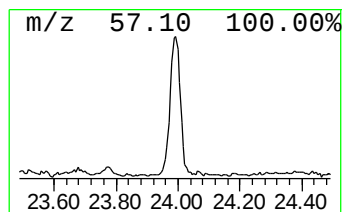
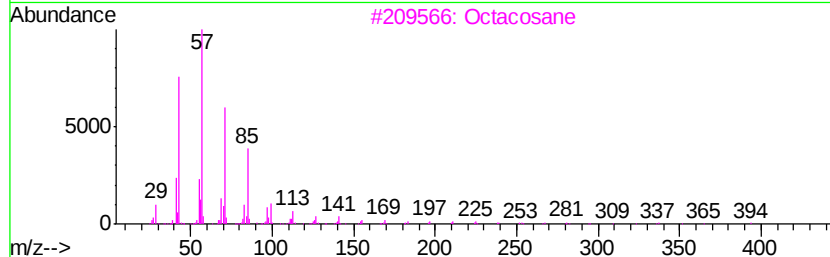
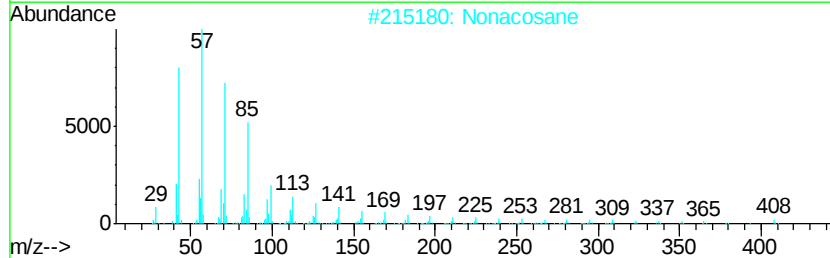
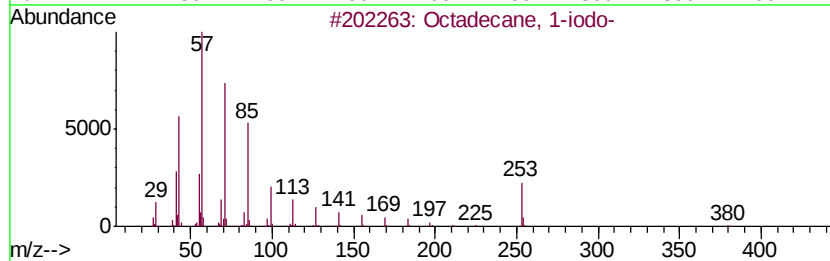
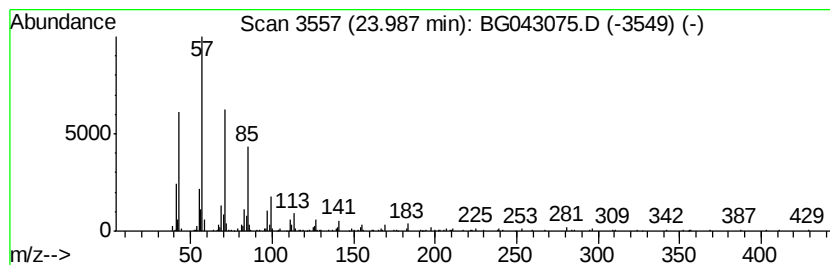
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Octadecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	4.67 ng	380775	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	97
2			Nonacosane	408	C29H60	000630-03-5	94
3			Octacosane	394	C28H58	000630-02-4	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	90
5			Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
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Acq On : 7 Oct 2019 19:48
Operator : JU
Sample : K5154-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-102D

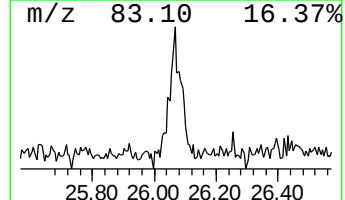
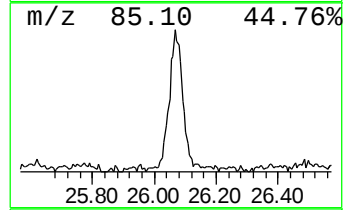
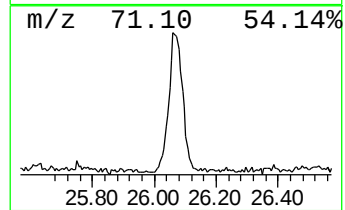
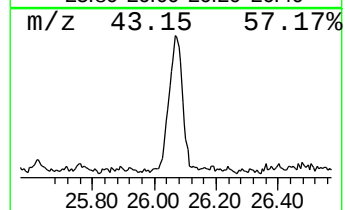
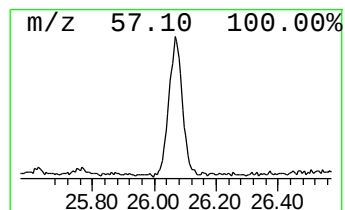
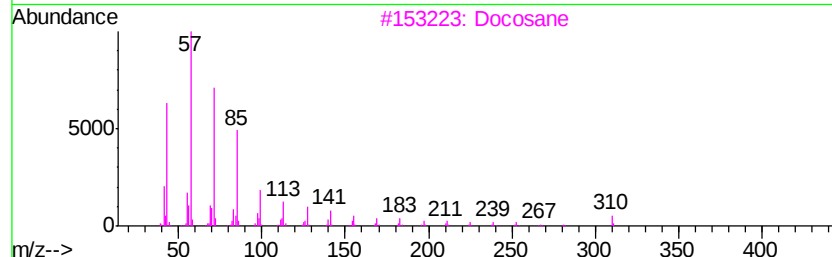
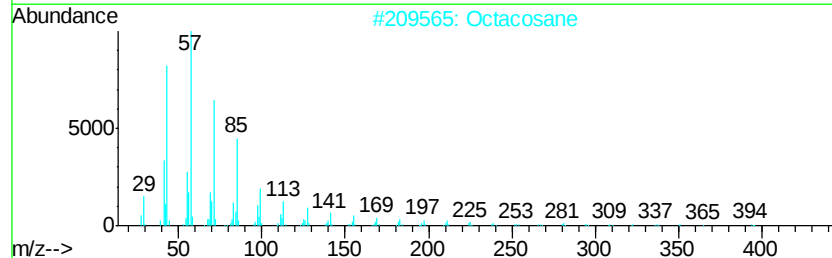
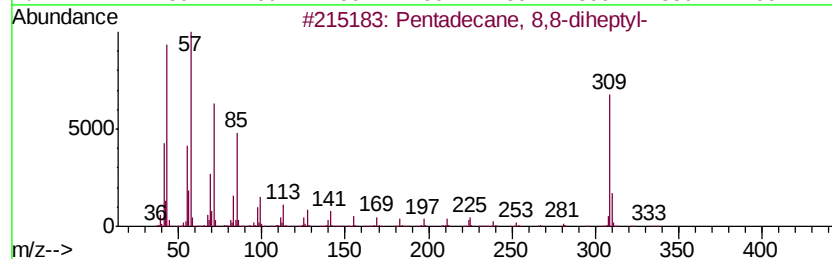
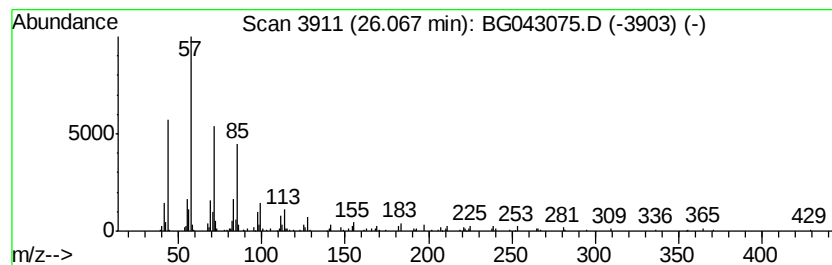
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 8,8-diheptyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	3.81 ng	310486	Perylene-d12	24.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Docosane	310	C22H46	000629-97-0	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043075.D
Acq On : 7 Oct 2019 19:48
Operator : JU
Sample : K5154-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-102D

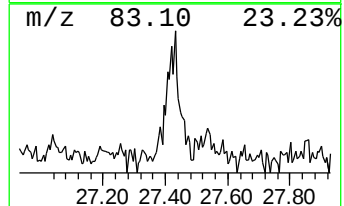
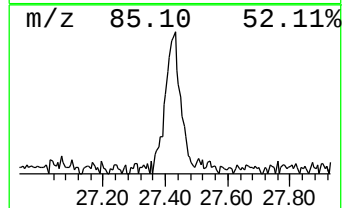
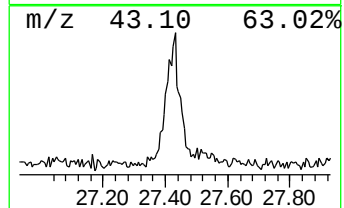
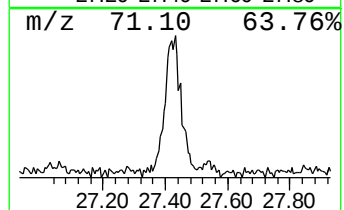
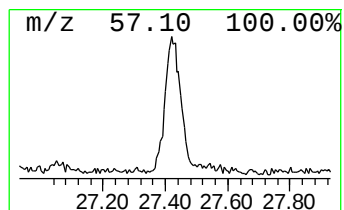
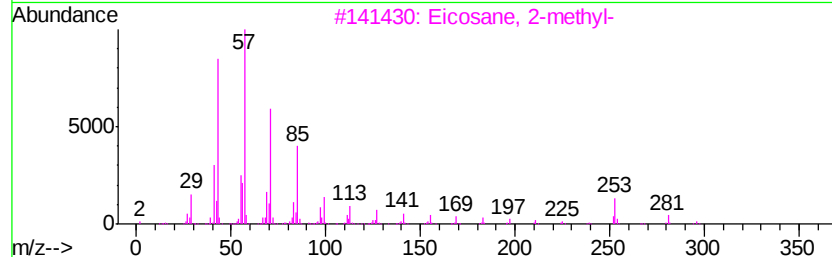
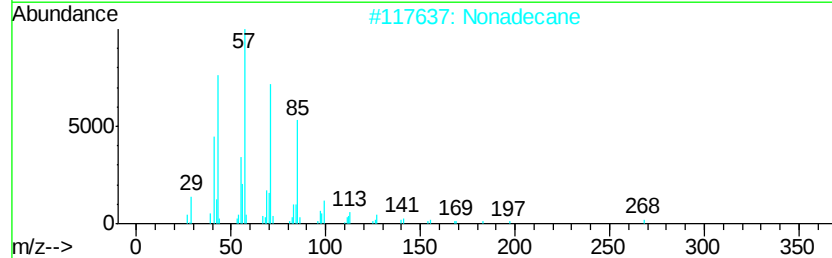
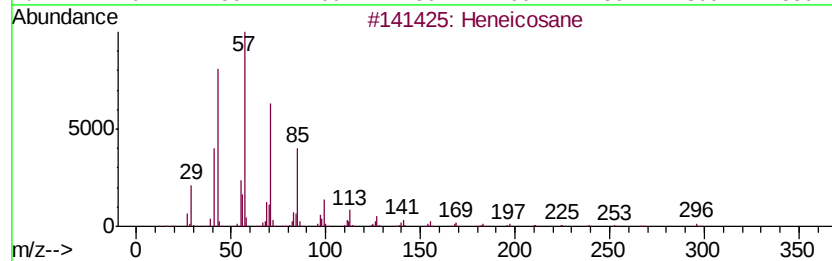
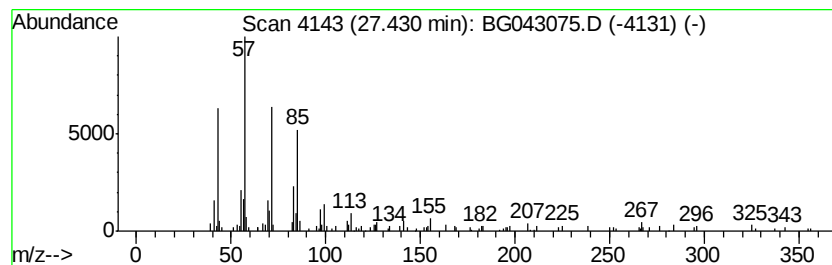
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.43	2.41 ng	196949	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Nonadecane	268	C19H40	000629-92-5	93
3			Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Tetracosane, 9-octyl-	451	C32H66	055401-54-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043075.D
Acq On : 7 Oct 2019 19:48
Operator : JU
Sample : K5154-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-102D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
1-Pentene, 2-methyl-	3.16	31.3	ng	469238	1	8.06	300133	20.0
Butane, 2-methoxy...	3.24	58.7	ng	880223	1	8.06	300133	20.0
unknown5.17	5.17	4.0	ng	60415	1	8.06	300133	20.0
Benzenamine, 2,4,...	17.54	3.8	ng	189028	4	17.42	995857	20.0
n-Hexadecanoic acid	18.32	14.4	ng	715956	4	17.42	995857	20.0
Octadecanoic acid	19.58	5.2	ng	305693	5	21.69	1175170	20.0
Eicosane	20.83	2.4	ng	140956	5	21.69	1175170	20.0
Docosane	21.33	2.8	ng	166648	5	21.69	1175170	20.0
Hexacosane	21.88	4.1	ng	238658	5	21.69	1175170	20.0
Tetratetracontane	22.50	4.9	ng	288496	5	21.69	1175170	20.0
Nonadecane	23.18	5.9	ng	345685	5	21.69	1175170	20.0
Octadecane, 1-iodo-	23.99	4.7	ng	380775	6	24.90	1631220	20.0
Pentadecane, 8,8-...	26.07	3.8	ng	310486	6	24.90	1631220	20.0
Heneicosane	27.43	2.4	ng	196949	6	24.90	1631220	20.0