

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044848.D
 Acq On : 18 Mar 2020 1:07
 Operator : CG/JU
 Sample : L1917-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5

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	3.152	4	11	20	rBV2	132735	410832	6.46%	1.221%
2	3.240	20	26	39	rVB	108859	237476	3.74%	0.706%
3	5.619	422	431	441	rBV	743324	1250560	19.67%	3.718%
4	7.200	692	700	710	rBV	468631	824662	12.97%	2.452%
5	7.635	769	774	782	rBV2	34549	65030	1.02%	0.193%
6	8.046	837	844	852	rBV	356375	611310	9.62%	1.818%
7	8.369	891	899	910	rBV	1365645	2497272	39.28%	7.425%
8	9.204	1032	1041	1050	rVB	1156952	2134620	33.58%	6.347%
9	10.490	1252	1260	1266	rBV5	42810	78800	1.24%	0.234%
10	10.855	1314	1322	1330	rVB	465892	855880	13.46%	2.545%
11	13.305	1729	1739	1746	rBV	3014211	4788178	75.32%	14.236%
12	13.581	1780	1786	1792	rBV2	120815	193110	3.04%	0.574%
13	14.121	1872	1878	1890	rVB	219542	345574	5.44%	1.027%
14	14.679	1964	1973	1982	rBV	736852	1204574	18.95%	3.581%
15	15.408	2093	2097	2105	rVB	42971	67378	1.06%	0.200%
16	16.160	2218	2225	2236	rBV	2355460	3906091	61.44%	11.613%
17	16.971	2359	2363	2371	rVB	76062	116478	1.83%	0.346%
18	17.423	2433	2440	2447	rBV	890588	1377486	21.67%	4.096%
19	17.905	2517	2522	2531	rBV	136295	246992	3.89%	0.734%
20	18.093	2550	2554	2561	rVB7	51940	76092	1.20%	0.226%
21	18.322	2588	2593	2600	rBV2	309652	465765	7.33%	1.385%
22	18.534	2625	2629	2635	rBV2	43720	69866	1.10%	0.208%
23	19.462	2782	2787	2794	rVB4	53913	113261	1.78%	0.337%
24	19.591	2805	2809	2815	rBV2	118090	163789	2.58%	0.487%
25	20.032	2878	2884	2891	rBV	4532252	6357124	100.00%	18.901%
26	20.849	3020	3023	3027	rVB2	69512	75322	1.18%	0.224%
27	20.990	3044	3047	3053	rVB3	45464	74732	1.18%	0.222%
28	21.354	3104	3109	3117	rBV2	242438	447269	7.04%	1.330%
29	21.689	3160	3166	3174	rBV2	870793	1402127	22.06%	4.169%
30	21.912	3199	3204	3209	rVB	123134	190499	3.00%	0.566%
31	22.529	3304	3309	3315	rBV2	123604	208358	3.28%	0.619%
32	23.228	3421	3428	3434	rVB2	157820	313867	4.94%	0.933%
33	24.039	3560	3566	3574	rVB2	134629	304673	4.79%	0.906%
34	24.891	3701	3711	3722	rBV2	490911	1451170	22.83%	4.315%

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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 >
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35	24.997	3722	3729	3739	rVB2	125695	330389	5.20%	0.982%
36	26.142	3918	3924	3933	rVB3	86365	237035	3.73%	0.705%
37	27.506	4151	4156	4166	rVB7	42242	140486	2.21%	0.418%

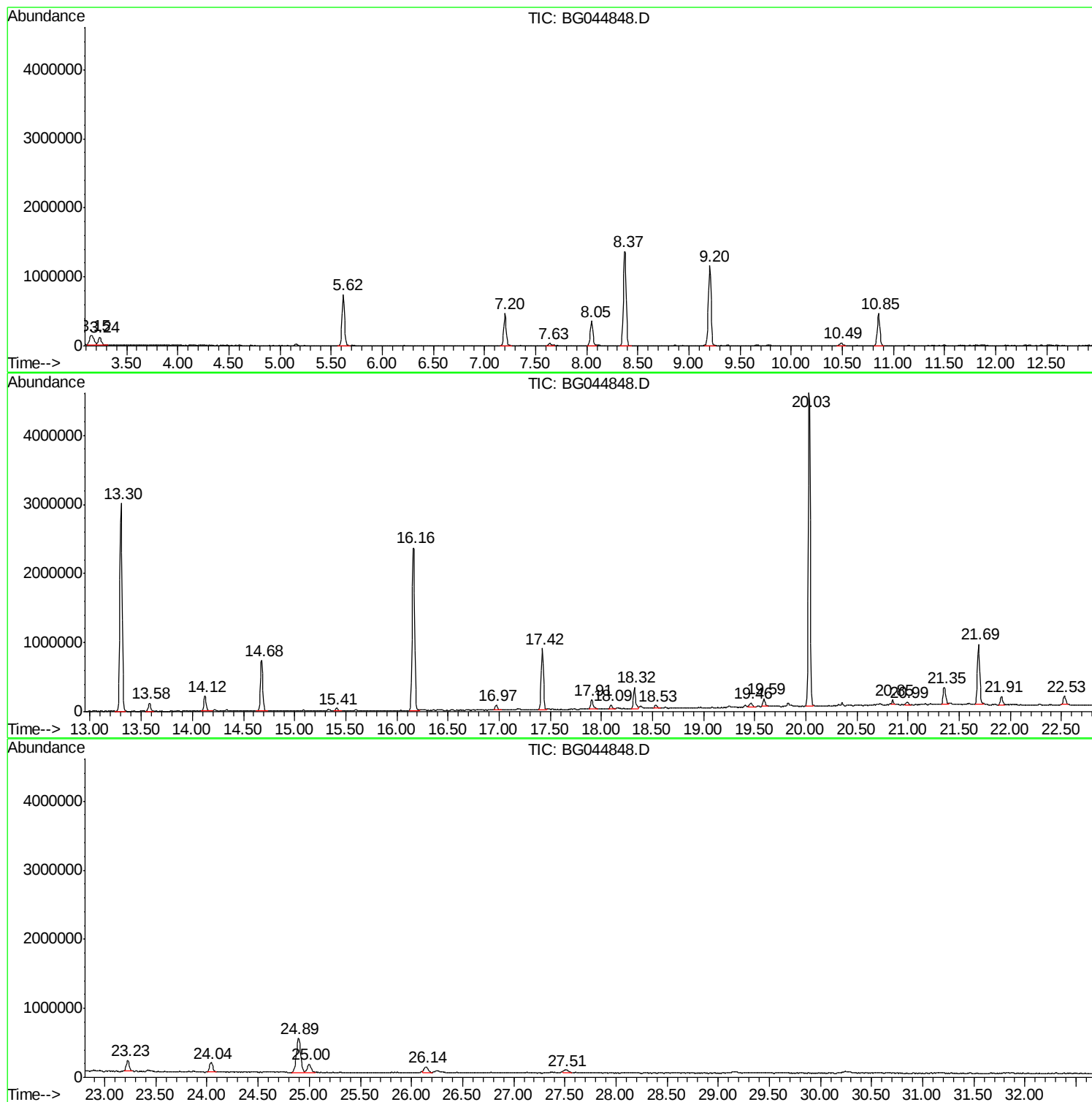
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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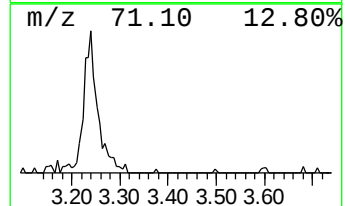
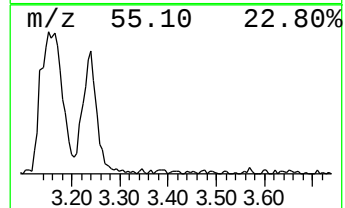
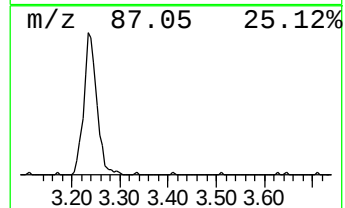
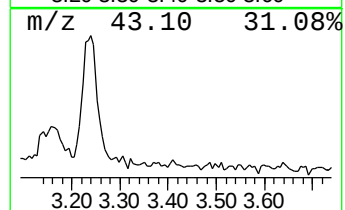
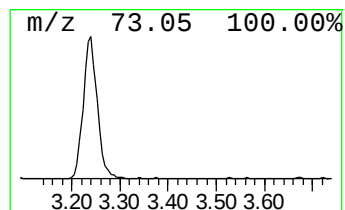
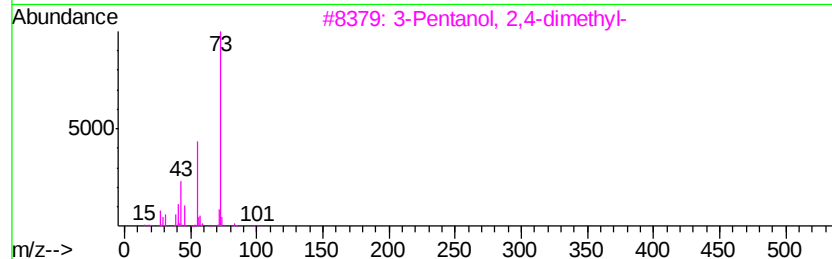
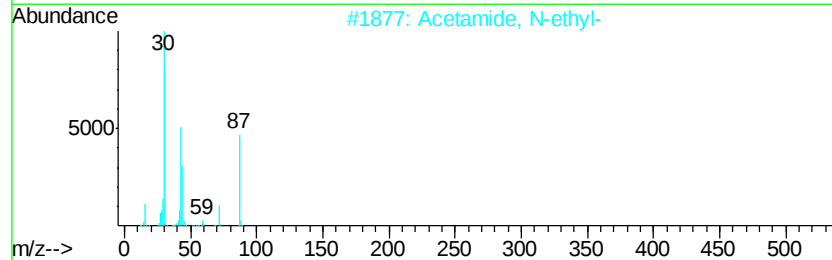
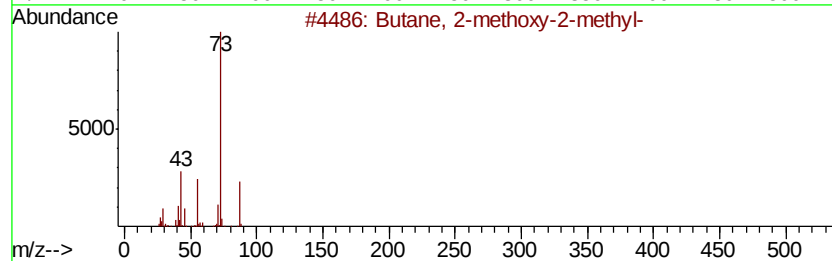
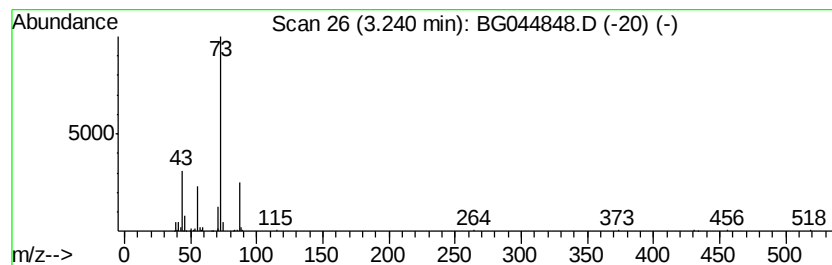
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	7.77 ng	237476	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		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4		1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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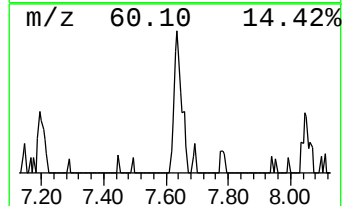
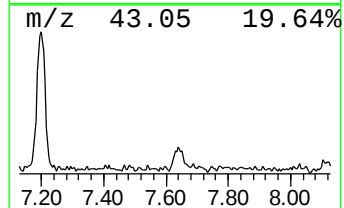
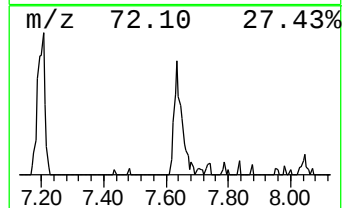
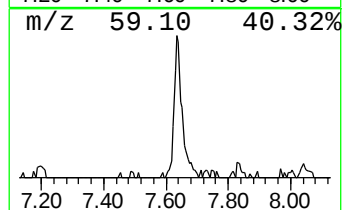
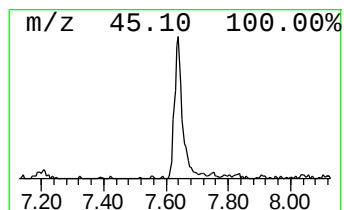
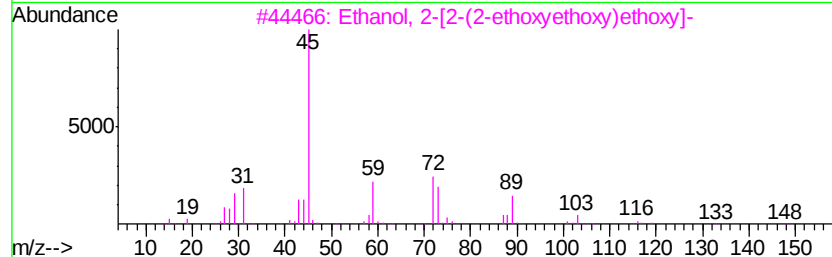
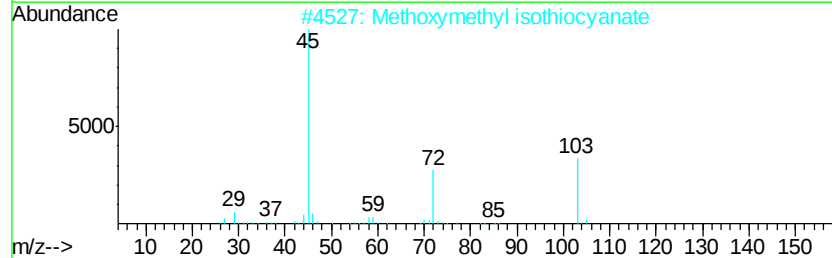
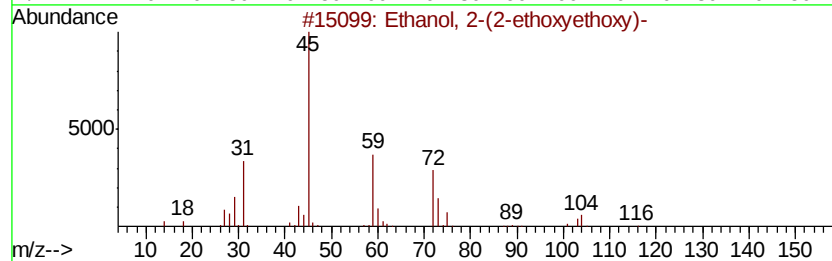
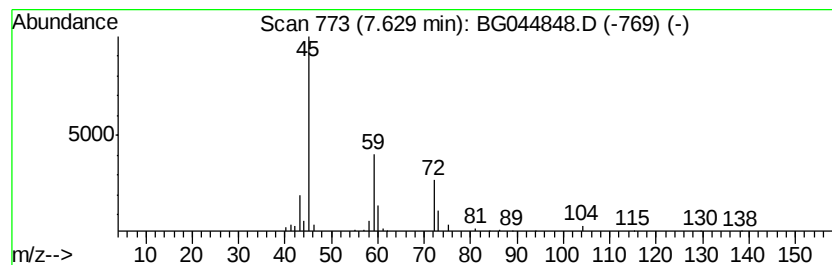
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Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	2.13 ng	65030	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxvethoxy)-	134	C6H14O3	000111-90-0	78
2		Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	58
3		Ethanol, 2-[2-(2-ethoxvethoxy)et...	178	C8H18O4	000112-50-5	39
4		2-Propanol, 1-(1-methvlethoxy)-	118	C6H14O2	003944-36-3	38
5		Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	36



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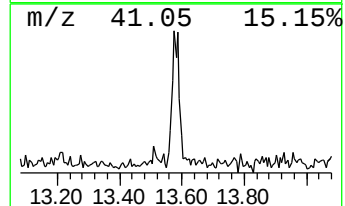
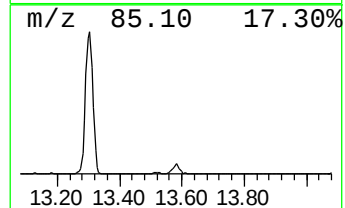
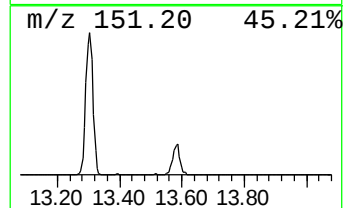
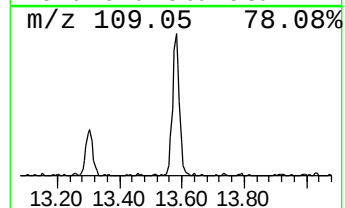
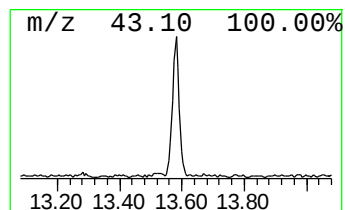
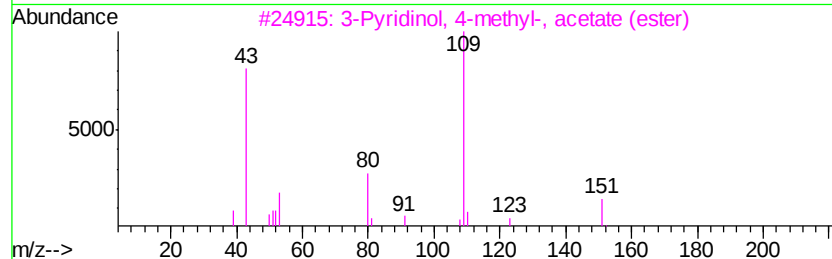
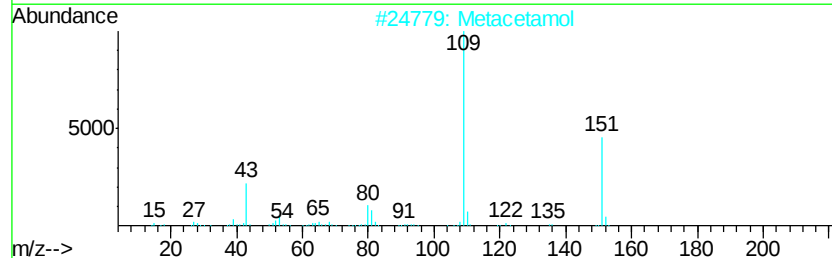
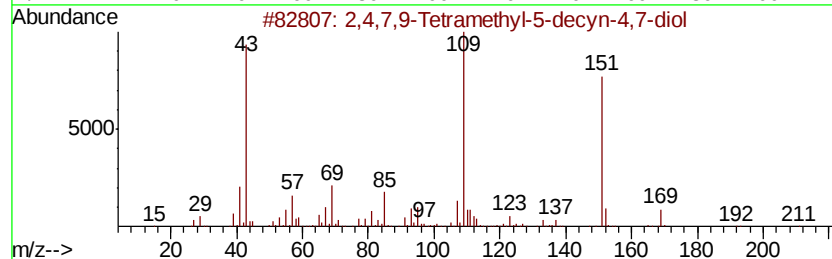
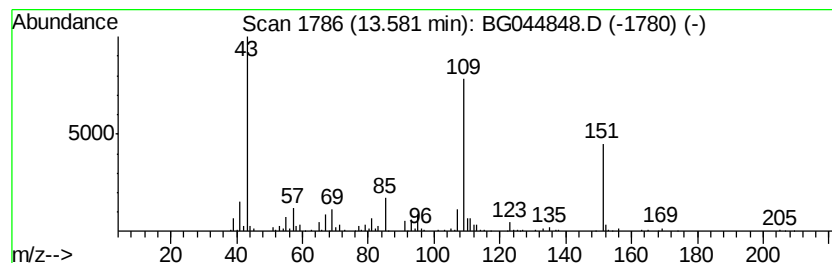
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.21 ng	193110	Acenaphthene-d10	14.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2		000126-86-3	86
2	Metacetamol	151	C8H9NO2		000621-42-1	59
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2		001006-96-8	59
4	m-Isopropoxyvaniline	151	C9H13NO		041406-00-2	59
5	Cyclopentanol, 1-(methylenecyclo...	138	C9H14O		086951-58-8	50



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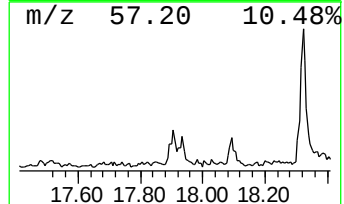
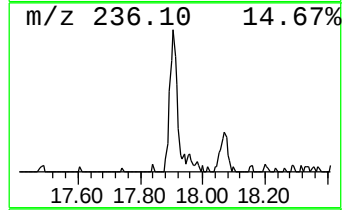
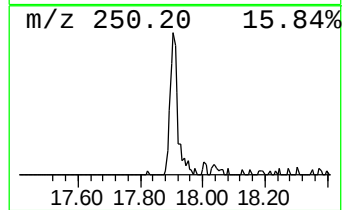
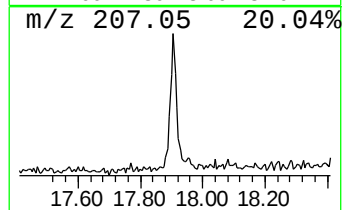
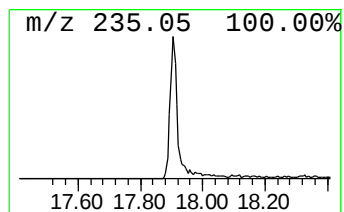
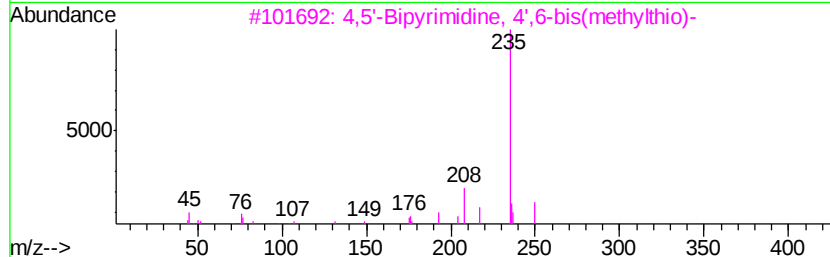
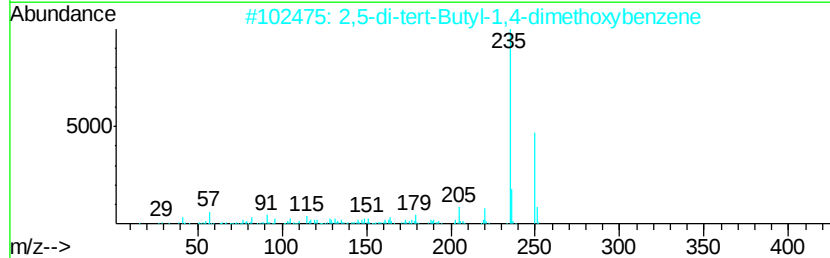
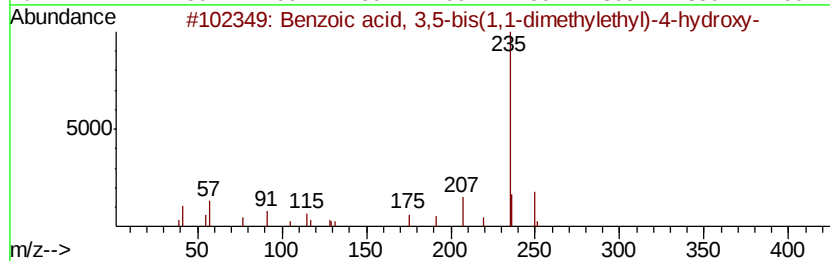
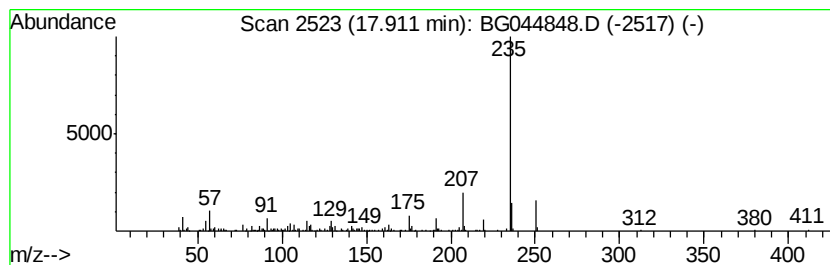
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Peak Number 6 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.59 ng	246992	Phenanthrene-d10	17.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	97
2		2,5-di-tert-Butyl-1,4-dimethoxyb...	250	C16H26O2	007323-63-9	64
3		4,5'-Bipyrroline, 4',6-bis(meth...	250	C10H10N4S2	059549-36-9	53
4		Benzenesulfonamide, 4-amino-N-(3...	299	C15H13N3O2S	028970-84-5	53
5		Quinone-4-oxime, 2,6-di-t-butyl-	235	C14H21NO2	015052-28-5	52



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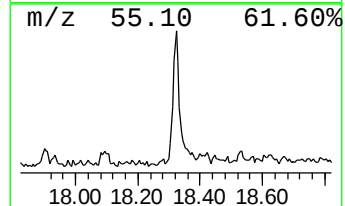
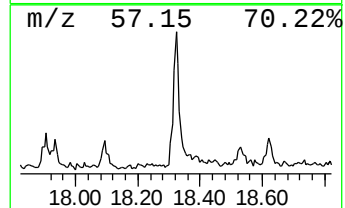
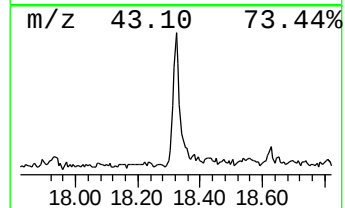
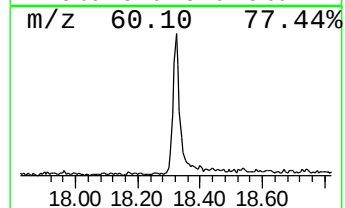
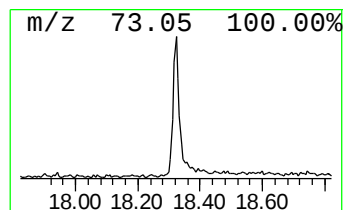
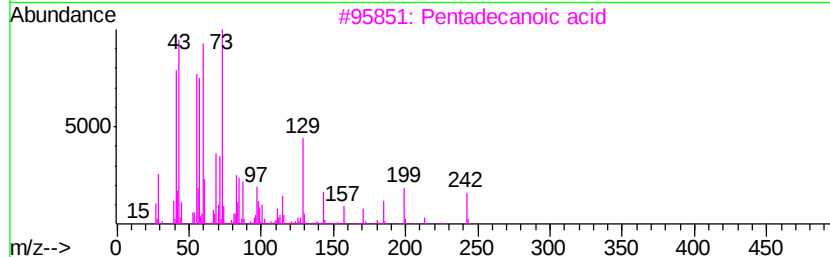
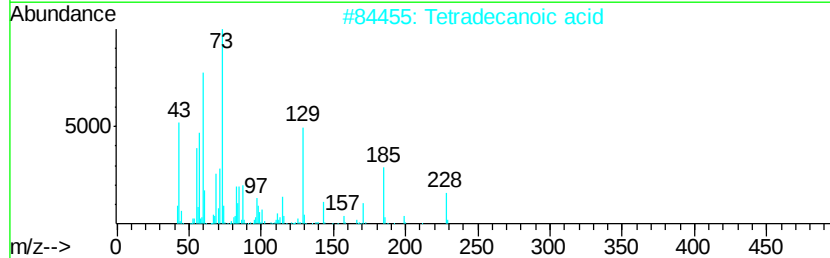
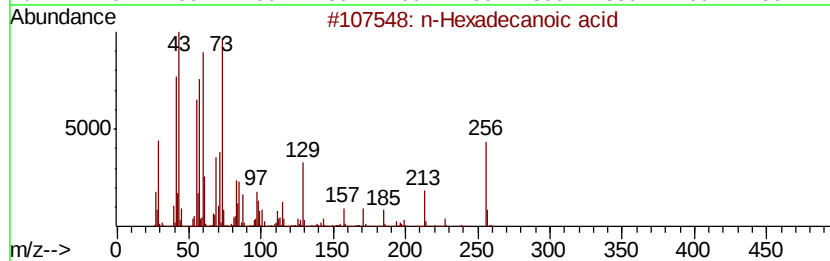
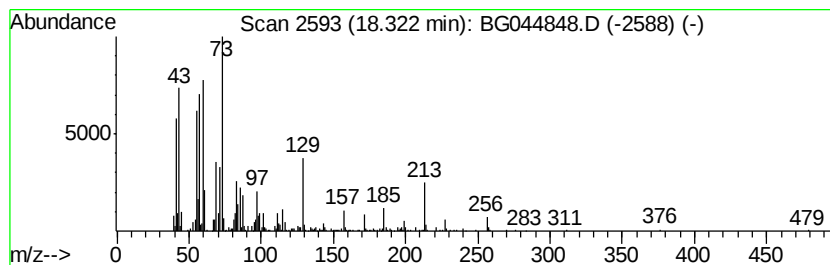
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	6.76 ng	465765	Phenanthrene-d10	17.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Octadecanoic acid	284	C18H36O2	000057-11-4	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044848.D
Acq On : 18 Mar 2020 1:07
Operator : CG/JU
Sample : L1917-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-5

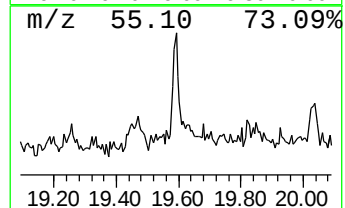
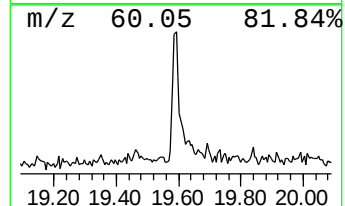
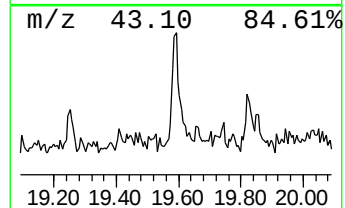
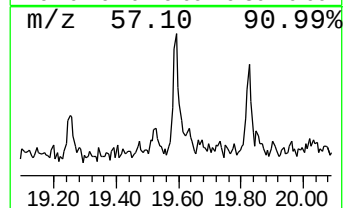
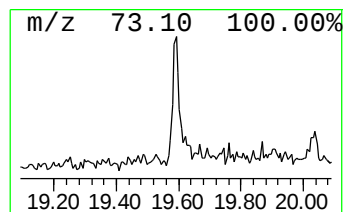
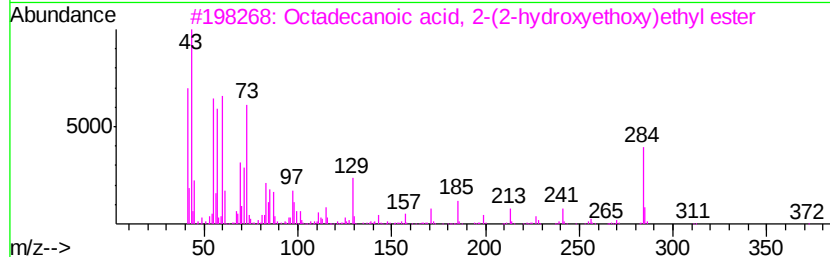
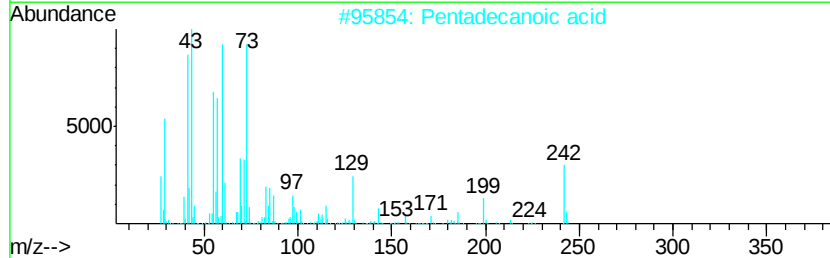
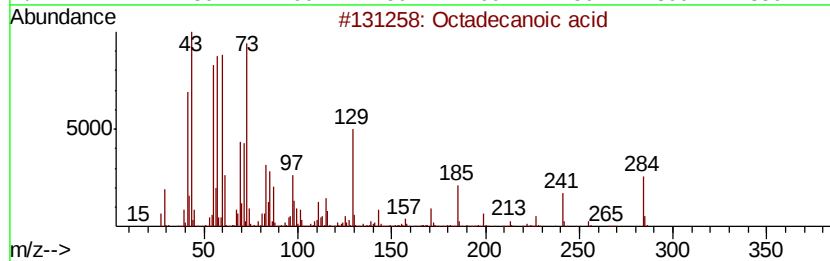
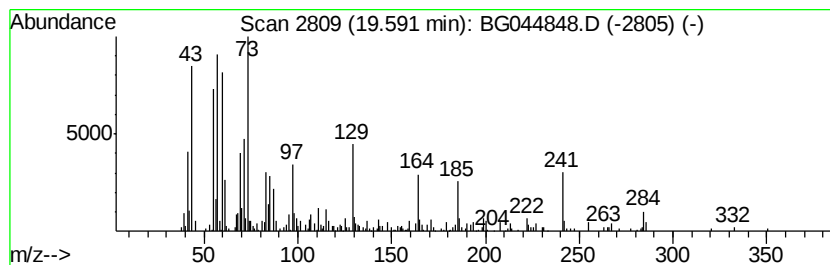
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.34 ng	163789	Chrysene-d12	21.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
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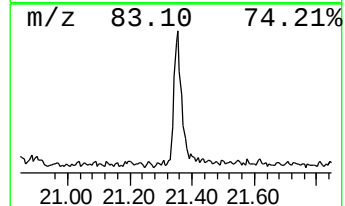
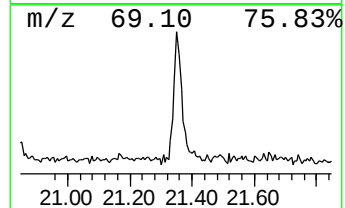
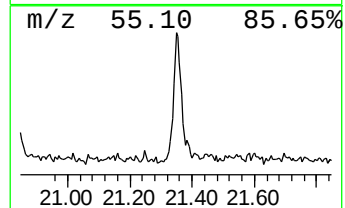
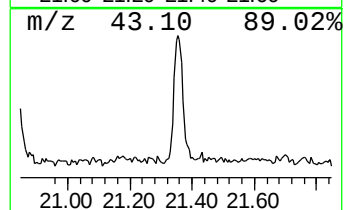
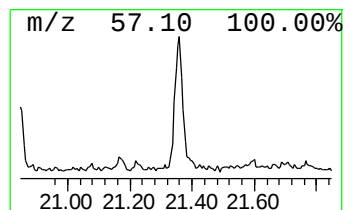
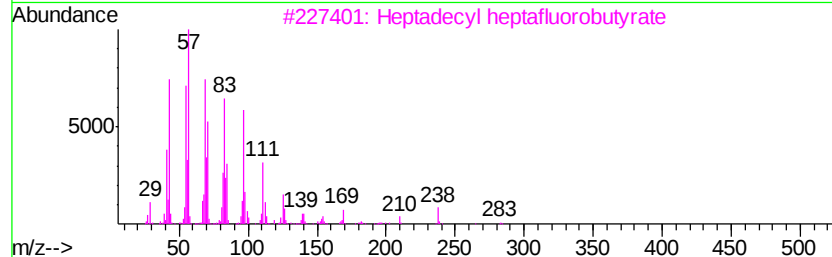
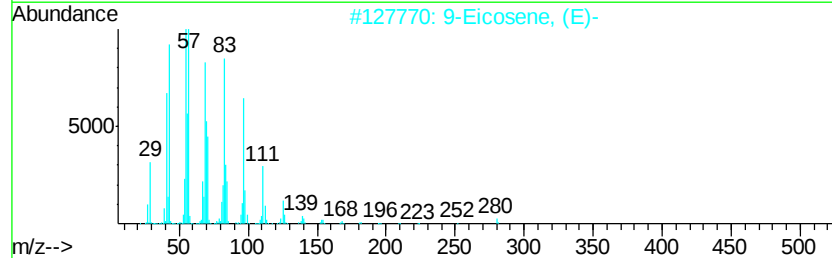
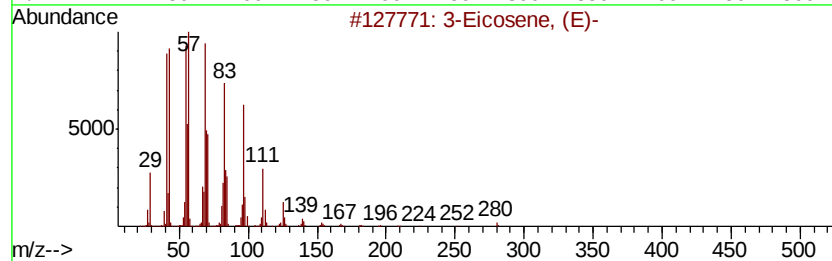
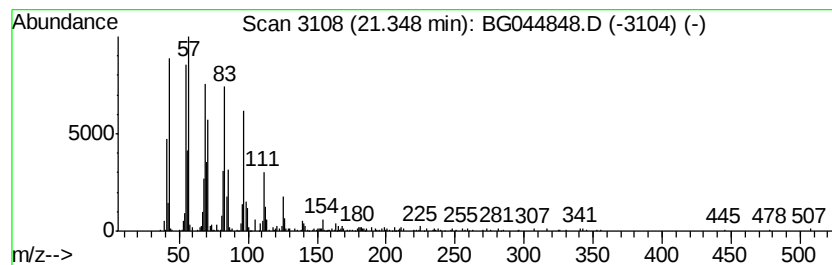
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	6.38 ng	447269	Chrysene-d12	21.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-	280 C20H40	074685-33-9	92
2	9-Eicosene, (E)-	280 C20H40	074685-29-3	90
3	Heptadecyl heptafluorobutvrate	452 C21H35F7O2	959085-66-6	90
4	Pentafluoropropionic acid, octad...	416 C21H37F5O2	959261-25-7	87
5	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044848.D
Acq On : 18 Mar 2020 1:07
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Sample : L1917-01
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ClientSampleId :
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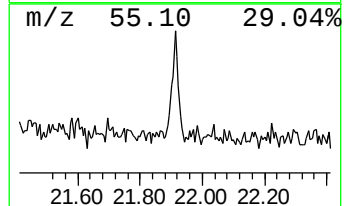
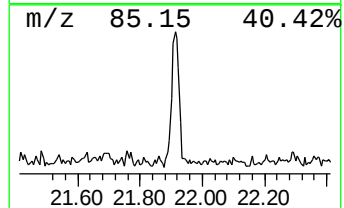
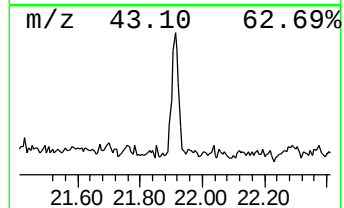
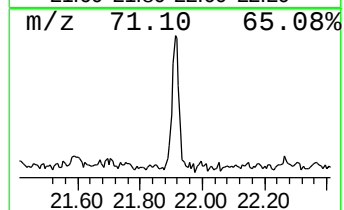
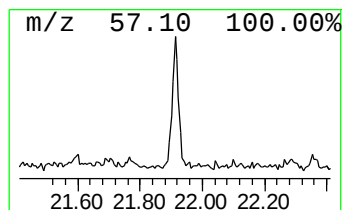
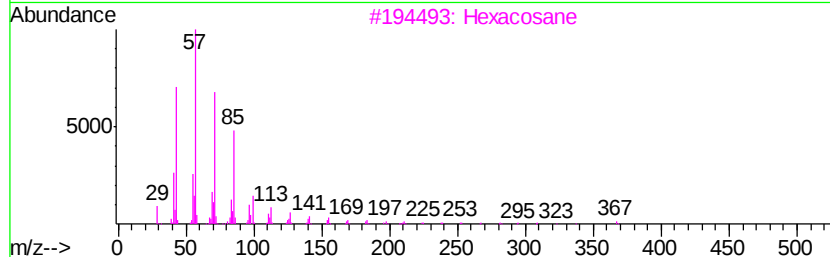
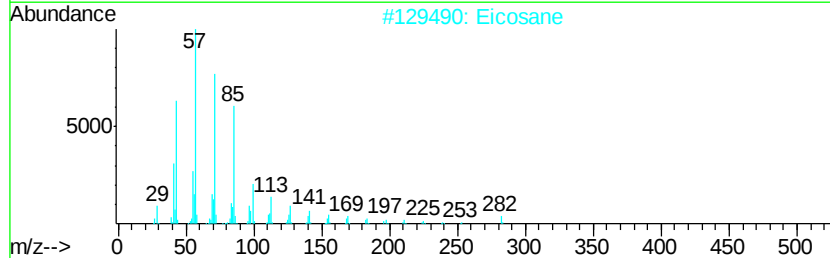
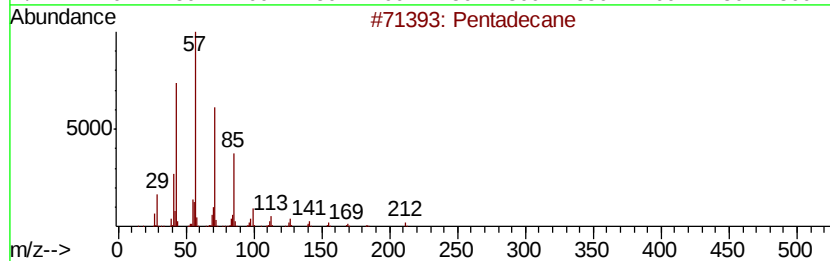
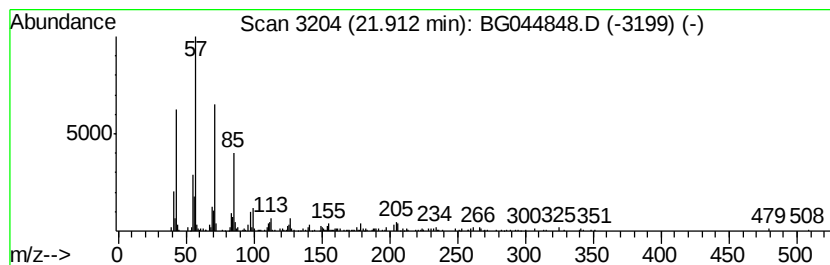
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	2.72 ng	190499	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		Eicosane	282	C20H42	000112-95-8	90
3		Hexacosane	366	C26H54	000630-01-3	83
4		Nonadecane	268	C19H40	000629-92-5	83
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044848.D
Acq On : 18 Mar 2020 1:07
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Sample : L1917-01
Misc :
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ClientSampleId :
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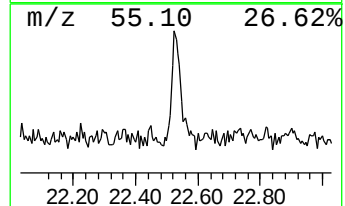
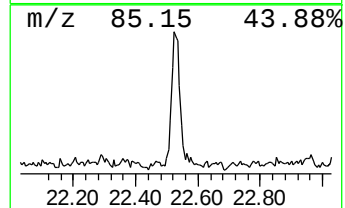
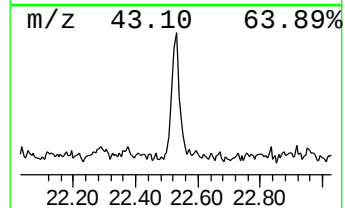
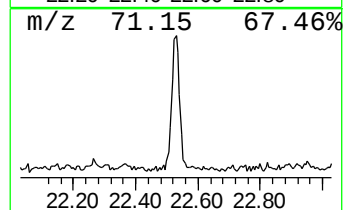
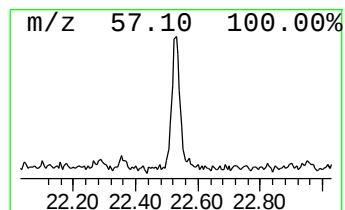
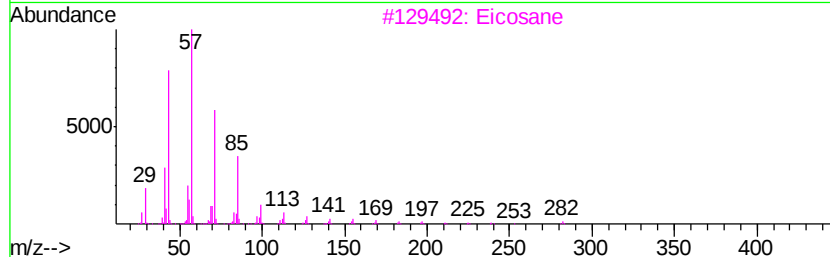
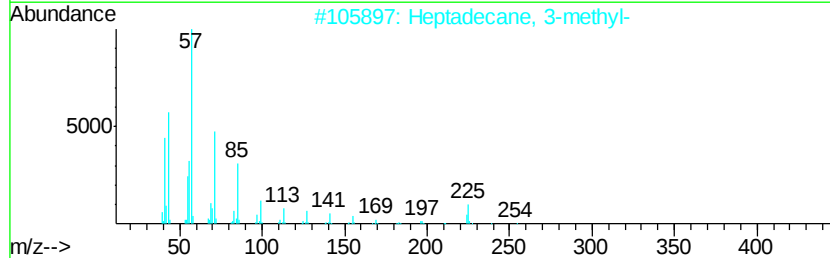
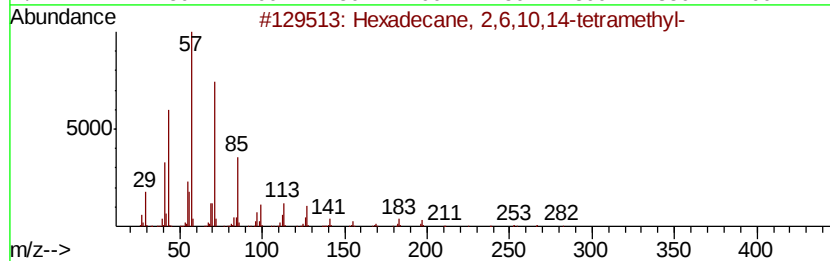
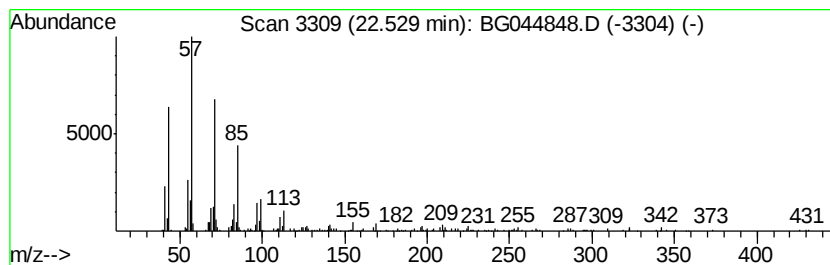
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	2.97 ng	208358	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Pentacosane	352	C25H52	000629-99-2	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044848.D
Acq On : 18 Mar 2020 1:07
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Misc :
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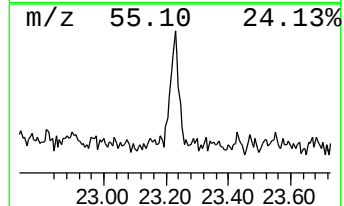
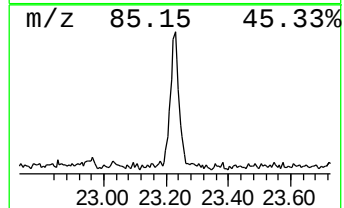
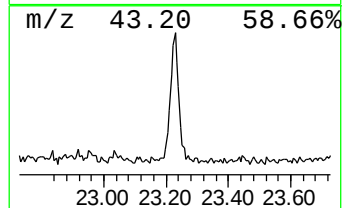
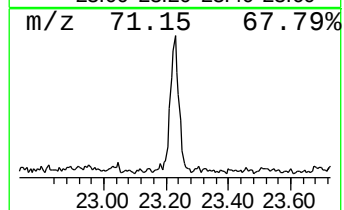
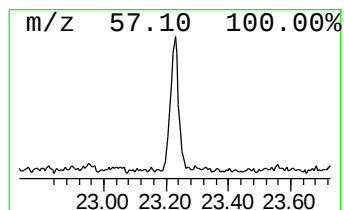
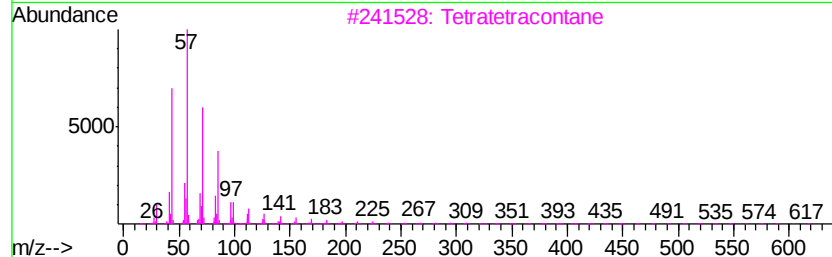
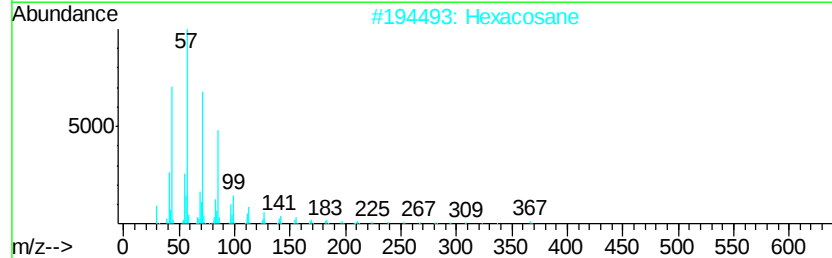
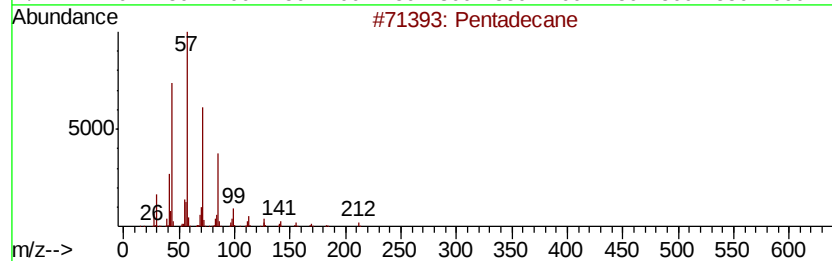
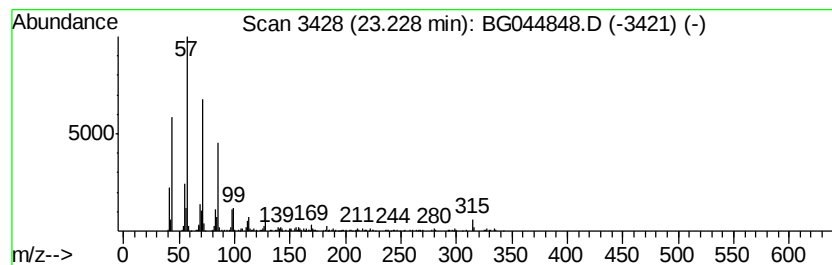
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	4.48 ng	313867	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Hexacosane	366	C26H54	000630-01-3	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
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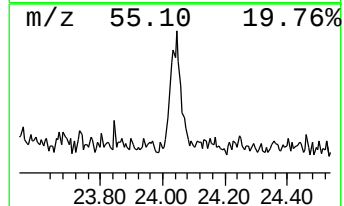
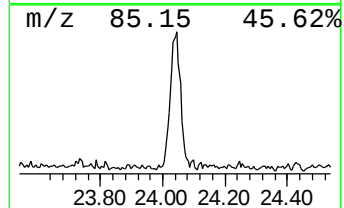
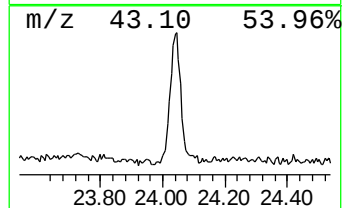
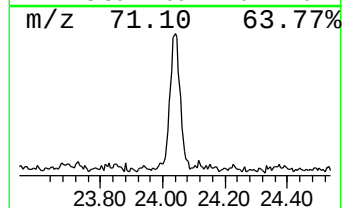
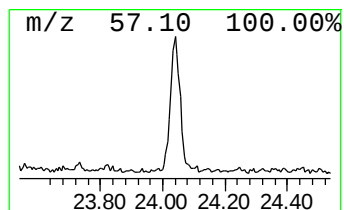
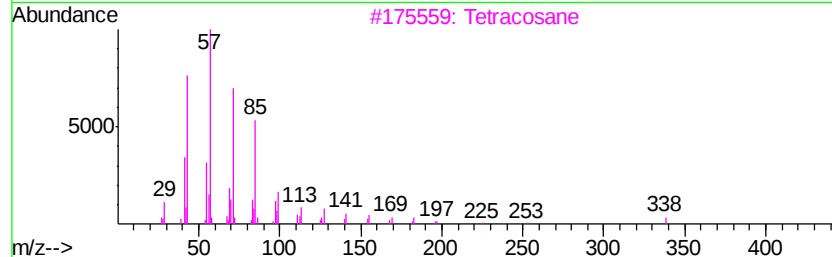
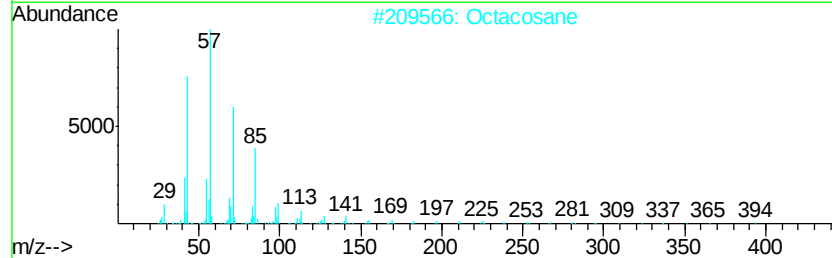
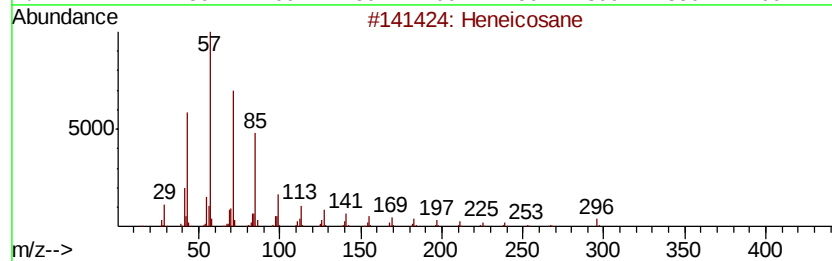
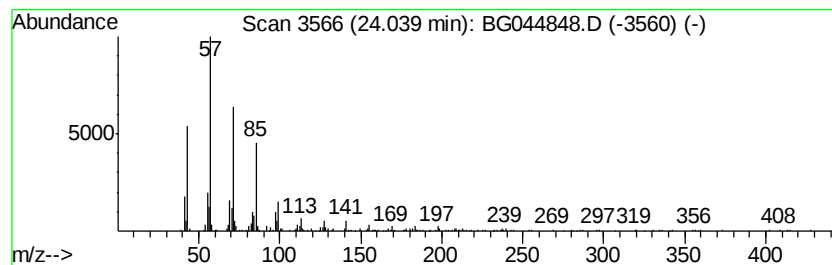
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	4.20 ng	304673	Perylene-d12	24.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044848.D
Acq On : 18 Mar 2020 1:07
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Sample : L1917-01
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ALS Vial : 14 Sample Multiplier: 1

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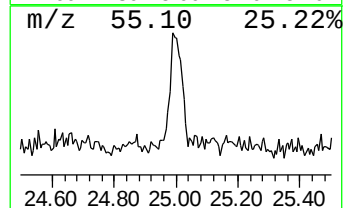
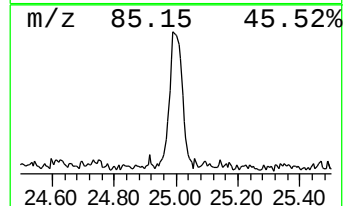
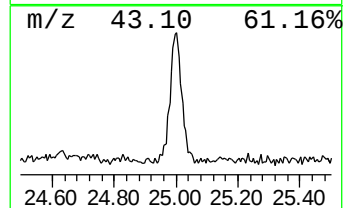
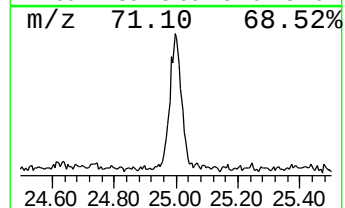
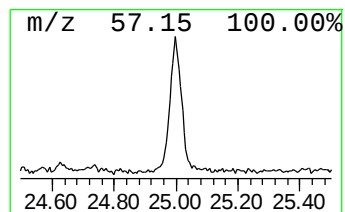
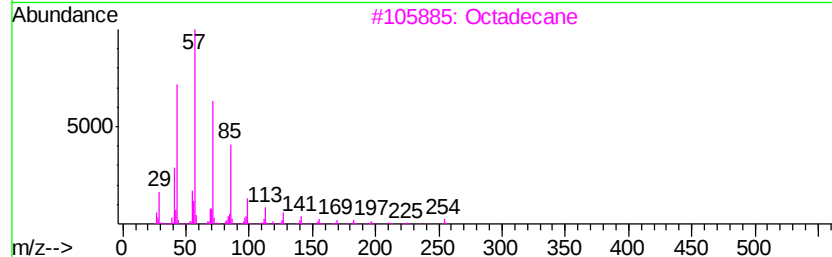
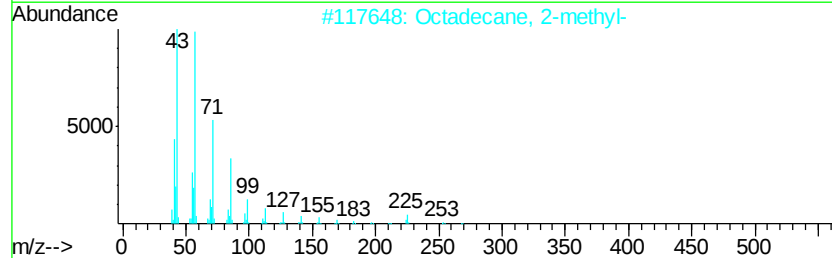
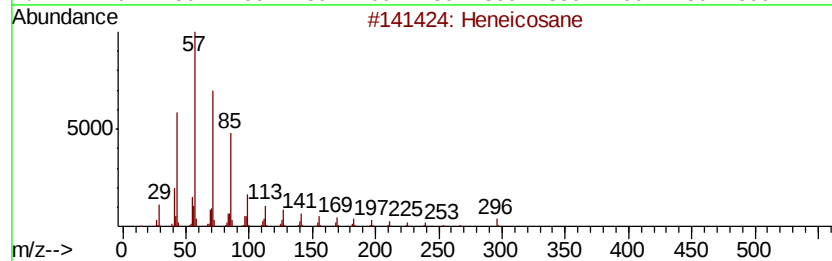
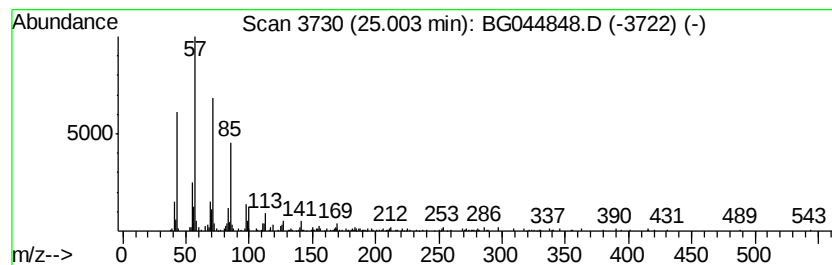
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	4.55 ng	330389	Perylene-d12	24.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3			Octadecane	254	C18H38	000593-45-3	91
4			Hexadecane	226	C16H34	000544-76-3	91
5			Docosane	310	C22H46	000629-97-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044848.D
 Acq On : 18 Mar 2020 1:07
 Operator : CG/JU
 Sample : L1917-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5

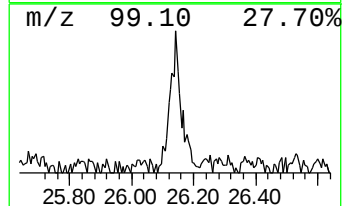
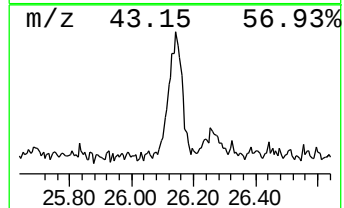
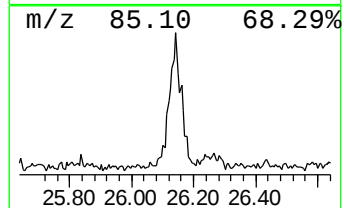
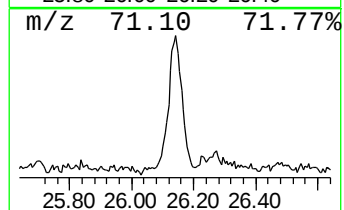
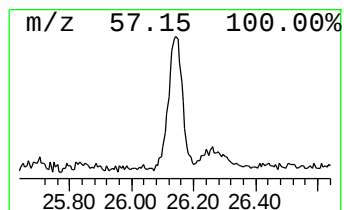
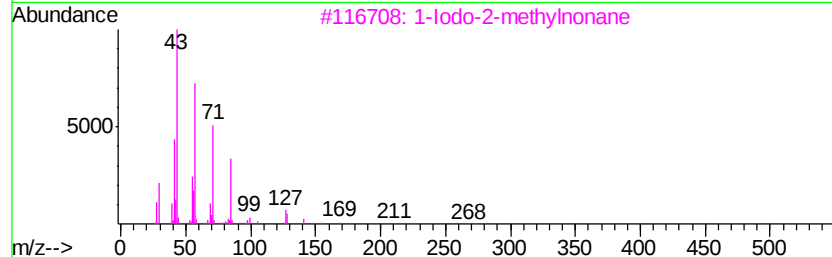
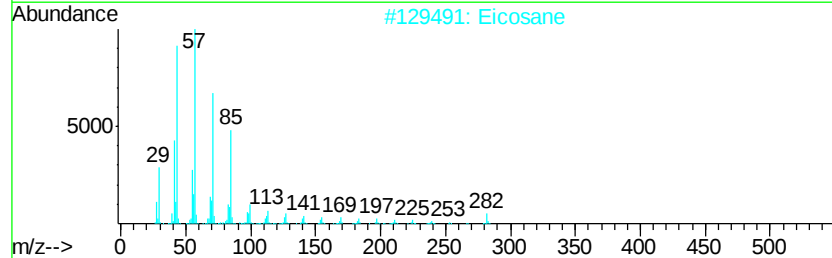
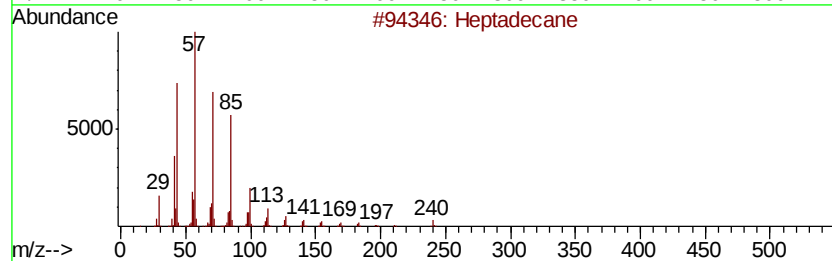
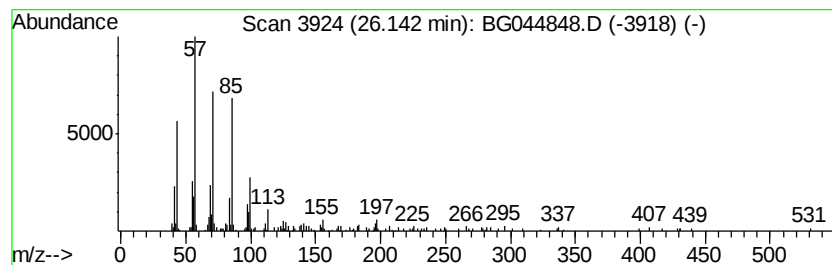
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.14	3.27 ng	237035	Perylene-d12	24.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	72
2	Eicosane		282	C20H42	000112-95-8	64
3	1-Iodo-2-methylnonane		268	C10H21I	1000101-47-9	53
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	50
5	Tridecane, 3-methyl-		198	C14H30	006418-41-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031720\
 Data File : BG044848.D
 Acq On : 18 Mar 2020 1:07
 Operator : CG/JU
 Sample : L1917-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5

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
Butane, 2-methoxy...	3.24	7.8	ng	237476	1	8.05	611310	20.0
Ethanol, 2-(2-eth...	7.63	2.1	ng	65030	1	8.05	611310	20.0
2,4,7,9-Tetrameth...	13.58	3.2	ng	193110	3	14.68	1204570	20.0
Benzoic acid, 3,5...	17.91	3.6	ng	246992	4	17.42	1377490	20.0
n-Hexadecanoic acid	18.32	6.8	ng	465765	4	17.42	1377490	20.0
Octadecanoic acid	19.59	2.3	ng	163789	5	21.69	1402130	20.0
3-Eicosene, (E)-	21.35	6.4	ng	447269	5	21.69	1402130	20.0
Pentadecane	21.91	2.7	ng	190499	5	21.69	1402130	20.0
Hexadecane, 2,6,1...	22.53	3.0	ng	208358	5	21.69	1402130	20.0
Hexacosane	23.23	4.5	ng	313867	5	21.69	1402130	20.0
Heneicosane	24.04	4.2	ng	304673	6	24.89	1451170	20.0
Octadecane, 2-met...	25.00	4.5	ng	330389	6	24.89	1451170	20.0
Heptadecane	26.14	3.3	ng	237035	6	24.89	1451170	20.0