

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018639.D
 Acq On : 18 Jan 2019 16:25
 Operator : JU/SJ
 Sample : K1173-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052

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_M\METHODS\8270-BM010919.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	3.516	69	73	90	rBV	272586	431917	4.22%	0.414%
2	4.881	300	305	316	rVB	222283	328564	3.21%	0.315%
3	5.328	374	381	394	rBV	3877263	5472952	53.44%	5.249%
4	6.910	642	650	665	rBV	3675661	5730248	55.95%	5.496%
5	7.269	704	711	720	rBV	3956832	6232063	60.85%	5.977%
6	7.734	784	790	797	rBV	825522	1289791	12.59%	1.237%
7	8.051	837	844	852	rBV	2970078	4723692	46.13%	4.531%
8	8.904	981	989	1001	rBV	2223330	3652361	35.66%	3.503%
9	10.528	1258	1265	1274	rBV	976783	1635510	15.97%	1.569%
10	12.998	1677	1685	1701	rBV	4976269	7284895	71.14%	6.987%
11	13.845	1822	1829	1836	rBV	420826	621967	6.07%	0.597%
12	14.263	1892	1900	1909	rBV2	52737	132050	1.29%	0.127%
13	14.380	1914	1920	1928	rVB2	1249204	1996153	19.49%	1.915%
14	15.880	2167	2175	2192	rBV	4252992	6295615	61.48%	6.038%
15	17.133	2382	2388	2394	rBV	1663628	2370436	23.15%	2.274%
16	18.027	2534	2540	2549	rBV	1971063	2878993	28.11%	2.761%
17	18.098	2549	2552	2566	rVB	129270	300383	2.93%	0.288%
18	19.309	2753	2758	2774	rBV	881049	1399872	13.67%	1.343%
19	19.768	2830	2836	2846	rBV	8392107	10240917	100.00%	9.822%
20	21.027	3046	3050	3058	rBV	885497	1014322	9.90%	0.973%
21	21.327	3096	3101	3106	rBV	2342497	2908293	28.40%	2.789%
22	21.462	3120	3124	3134	rBV	801023	1001845	9.78%	0.961%
23	21.903	3194	3199	3206	rBV	2437394	2914659	28.46%	2.795%
24	22.374	3273	3279	3292	rBV	4018158	5668005	55.35%	5.436%
25	22.886	3360	3366	3382	rVB	4697714	7314209	71.42%	7.015%
26	23.462	3457	3464	3479	rBV	4437834	7701196	75.20%	7.386%
27	23.597	3481	3487	3496	rVB2	1522185	2916873	28.48%	2.798%
28	24.115	3568	3575	3584	rBV	3069688	5901452	57.63%	5.660%
29	24.874	3697	3704	3713	rBV	1412342	3070268	29.98%	2.945%
30	25.762	3851	3855	3865	rVB2	370975	833109	8.14%	0.799%

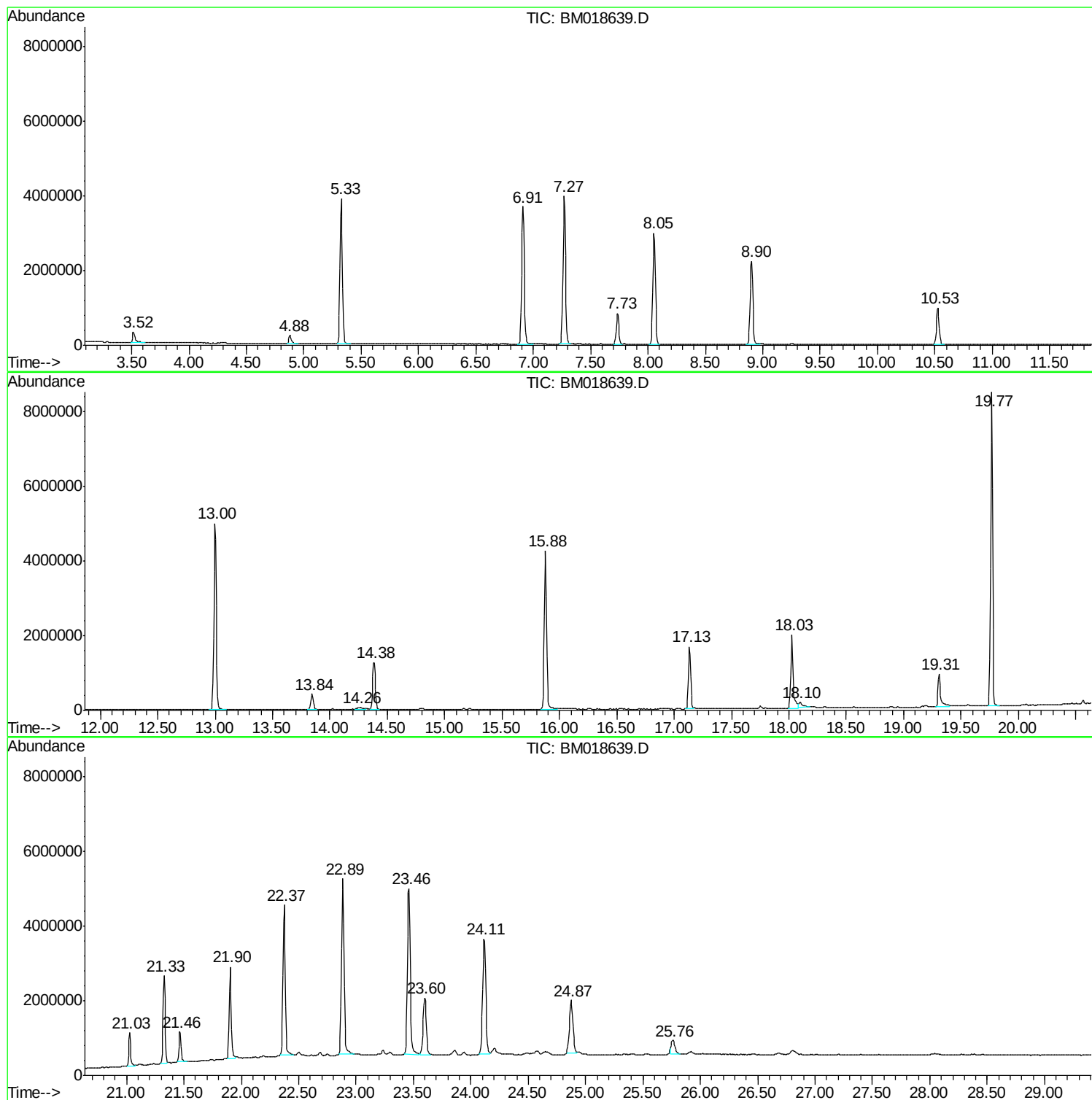
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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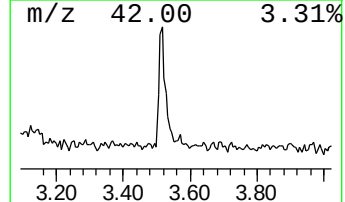
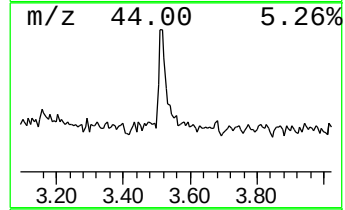
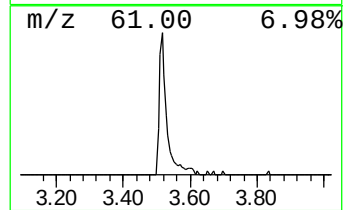
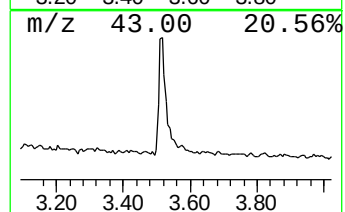
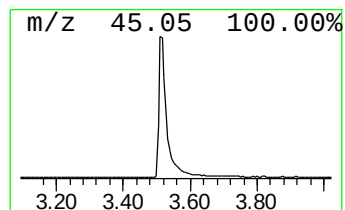
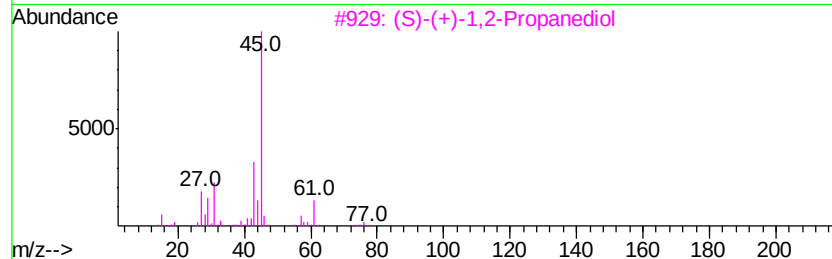
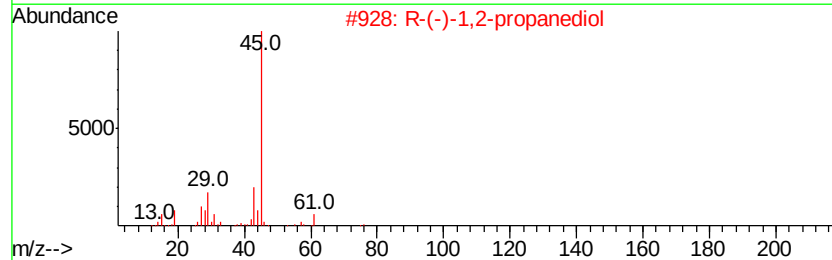
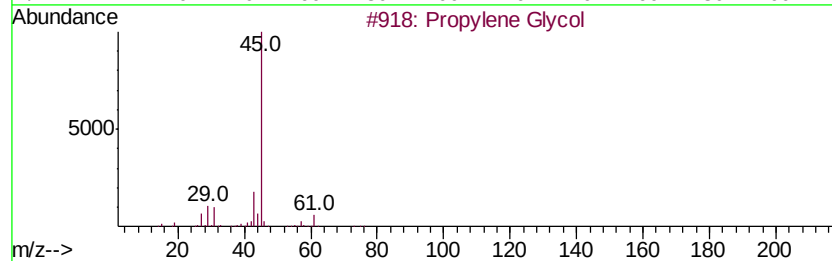
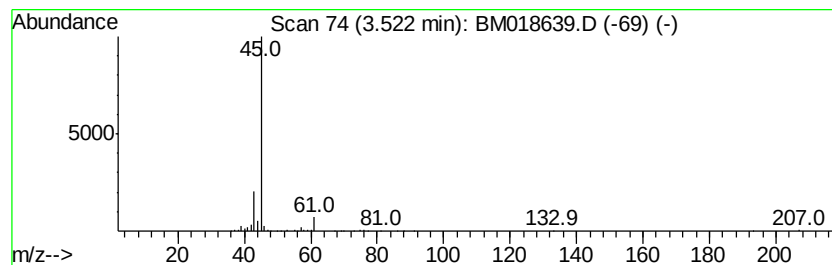
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propylene Glycol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	6.70 ng	431917	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	90
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	12
4		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
5		Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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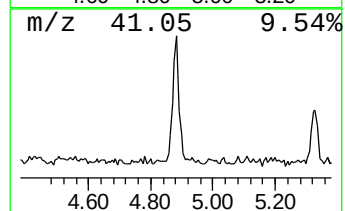
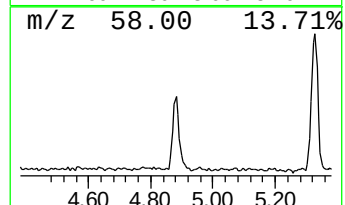
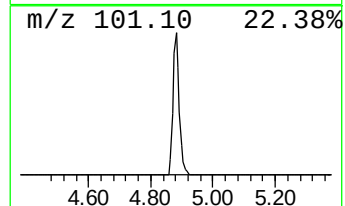
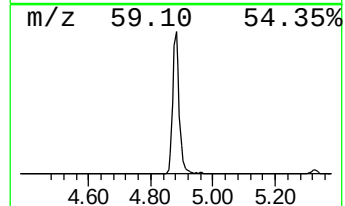
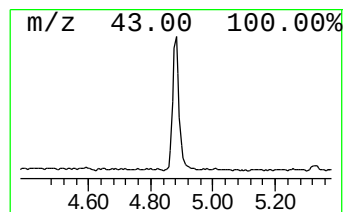
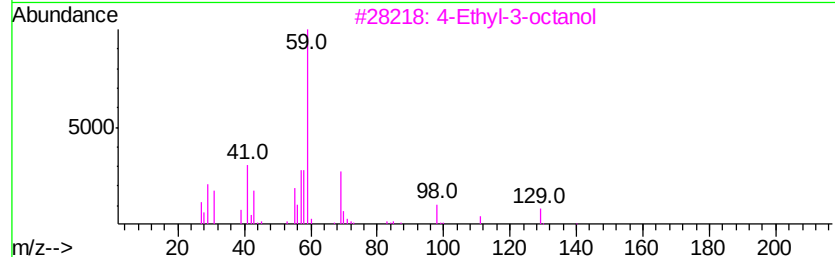
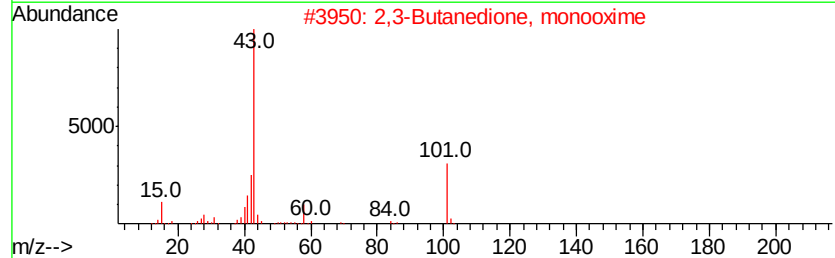
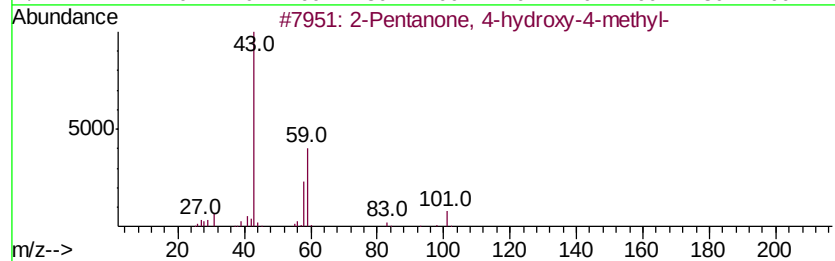
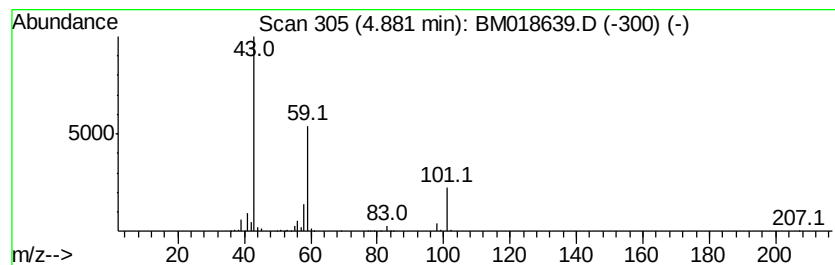
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	5.09 ng	328564	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		4-Ethyl-3-octanol	158	C10H22O	019781-26-1	25
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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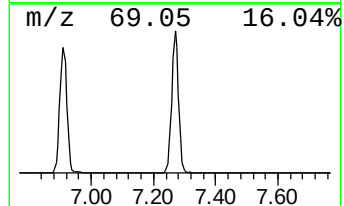
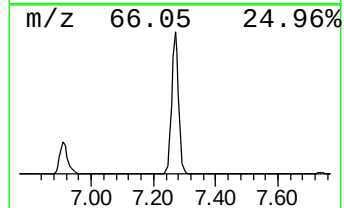
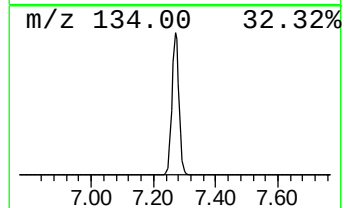
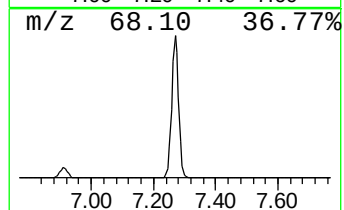
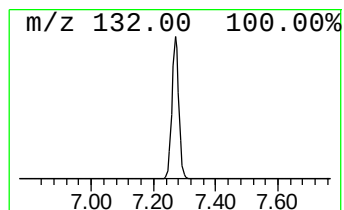
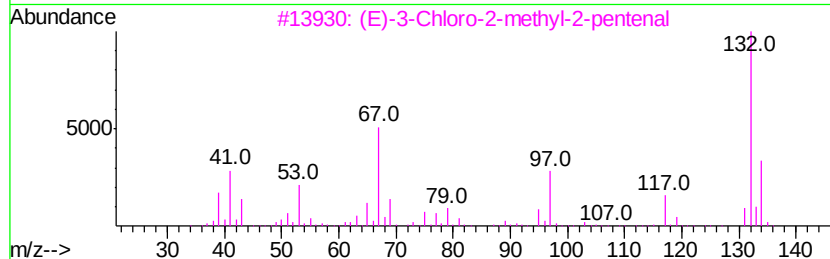
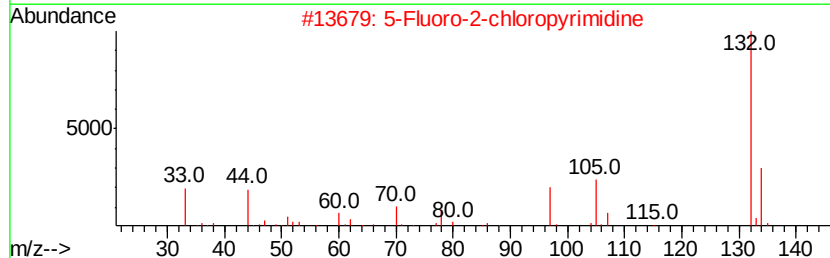
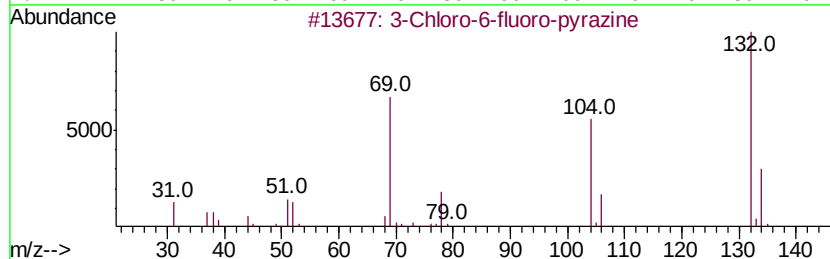
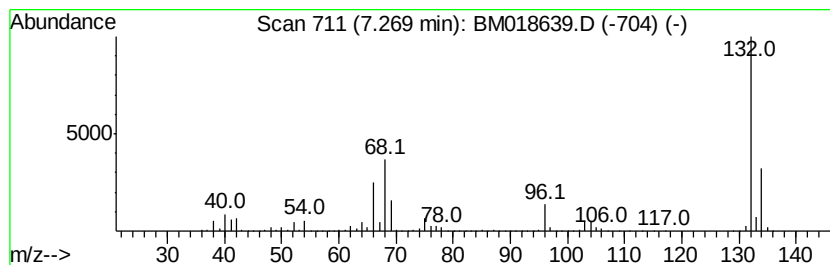
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Peak Number 3 unknown7.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	96.64 ng	6232060	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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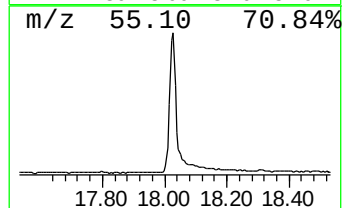
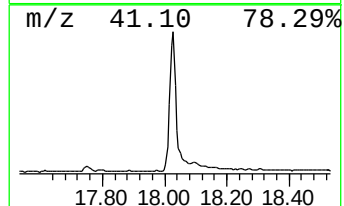
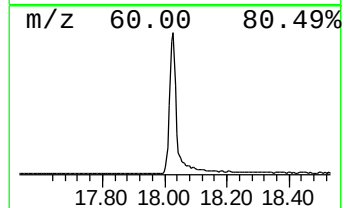
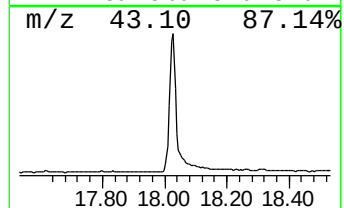
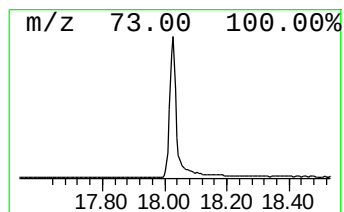
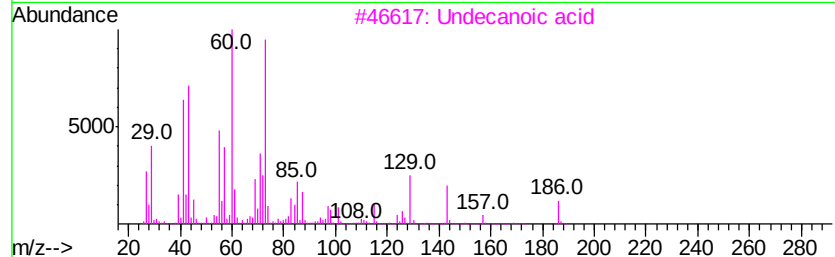
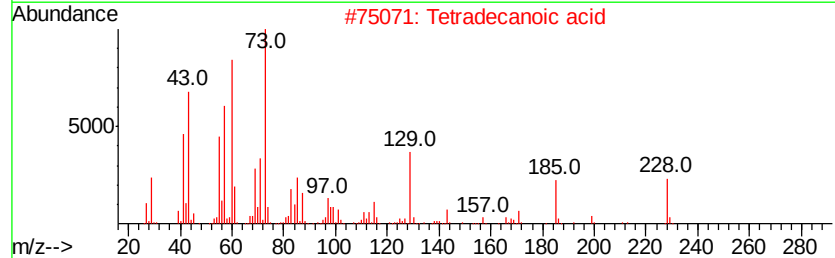
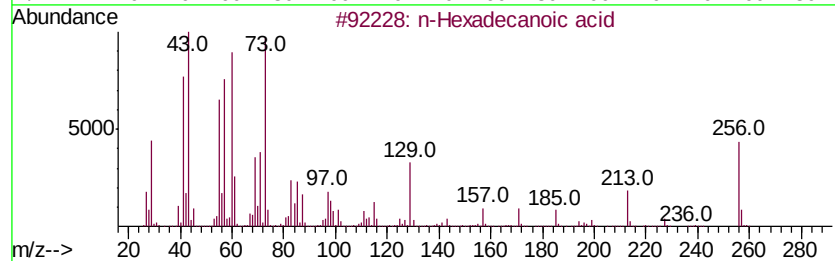
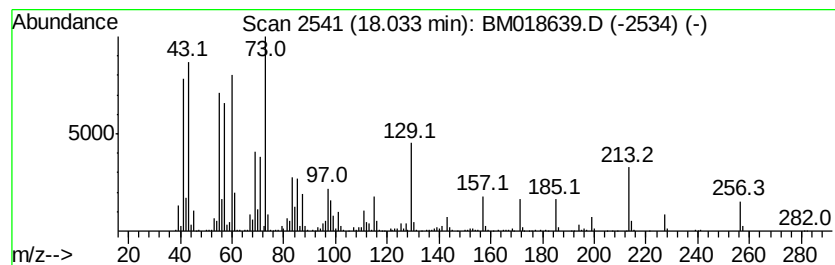
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.03	24.29 ng	2878990	Phenanthrene-d10		17.13
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Undecanoic acid	186	C11H22O2	000112-37-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



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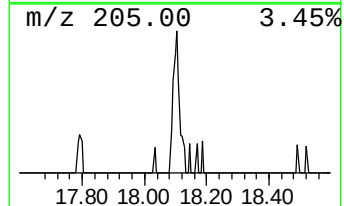
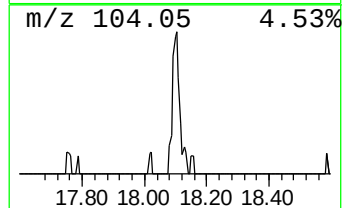
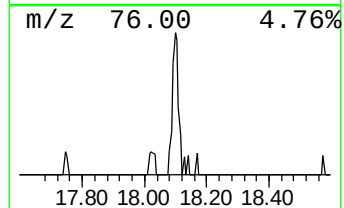
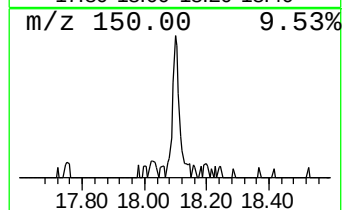
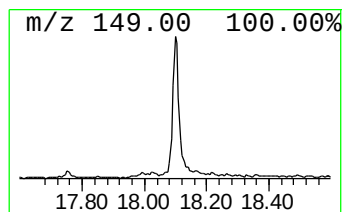
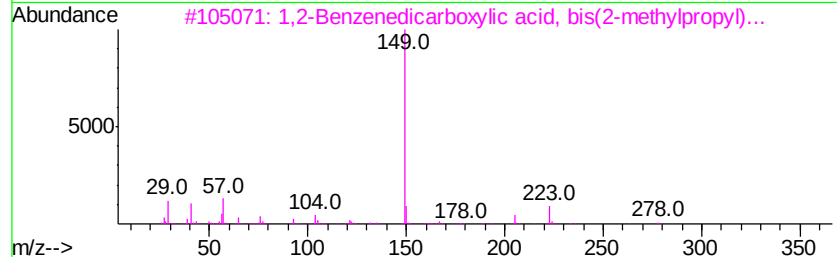
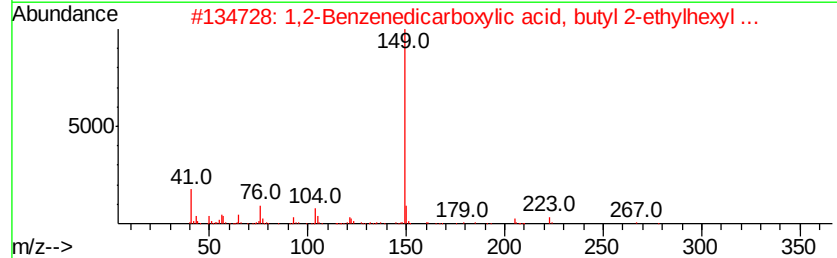
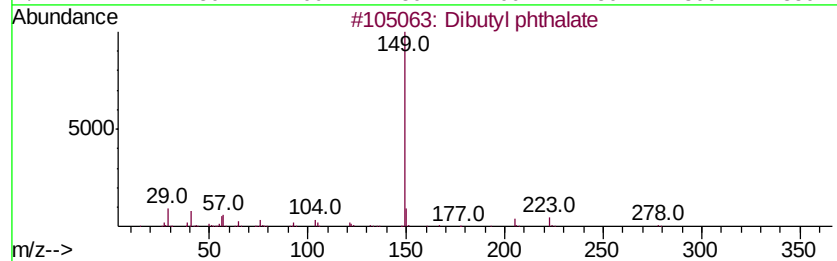
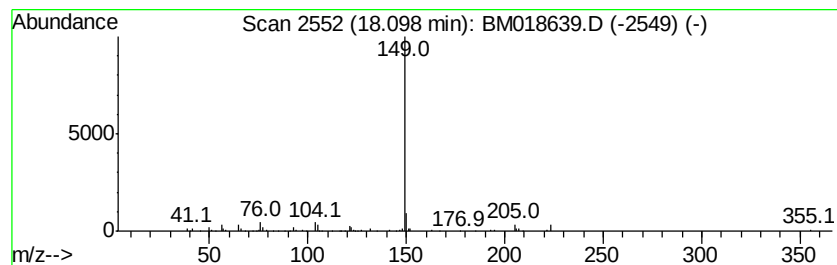
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Dibutyl phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.53 ng	300383	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibutyl phthalate	278	C16H22O4	000084-74-2	78
2		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	78
3		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78
4		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	78
5		1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	78



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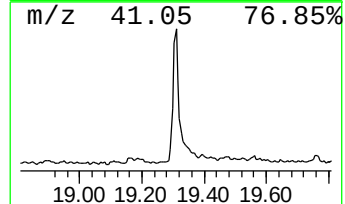
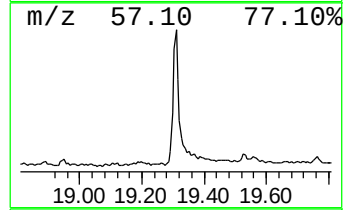
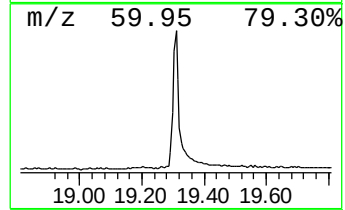
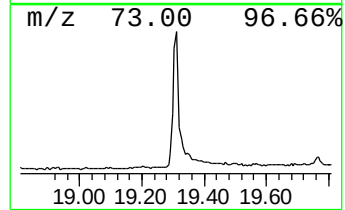
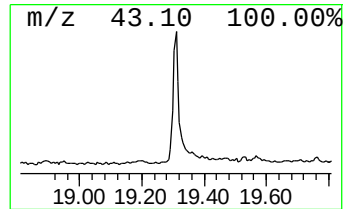
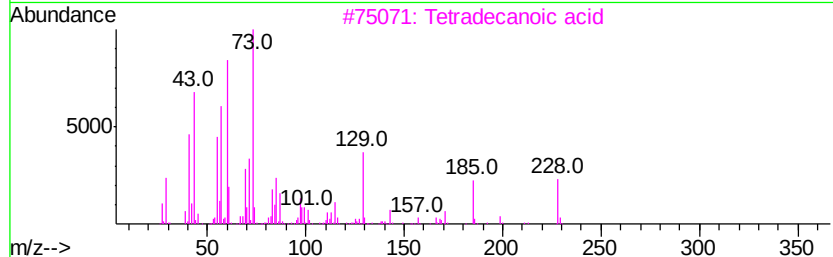
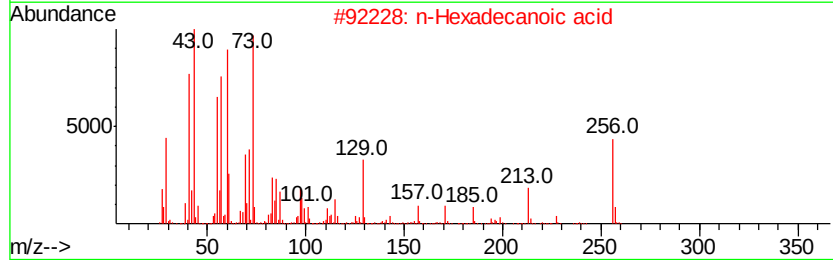
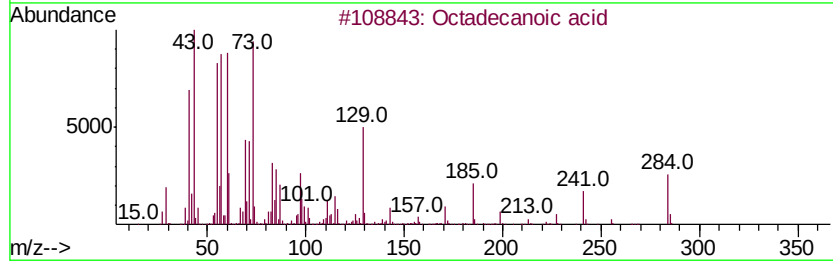
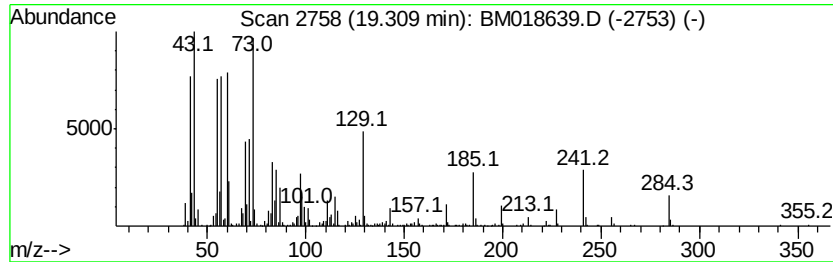
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.31	9.63 ng	1399870	Chrysene-d12		21.33		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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Acq On : 18 Jan 2019 16:25
Operator : JU/SJ
Sample : K1173-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

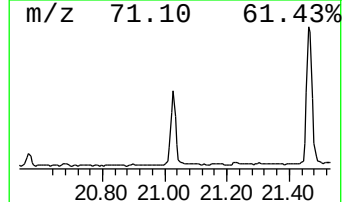
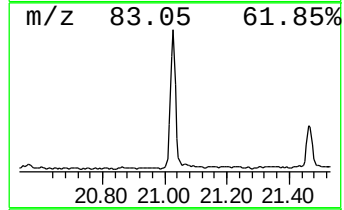
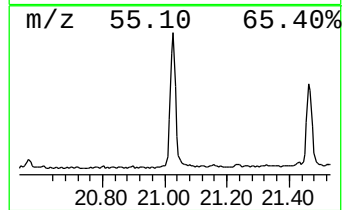
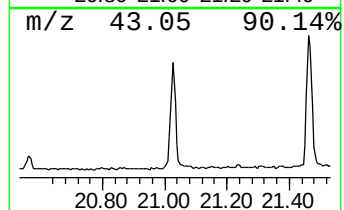
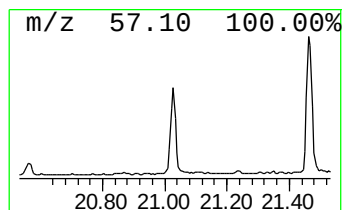
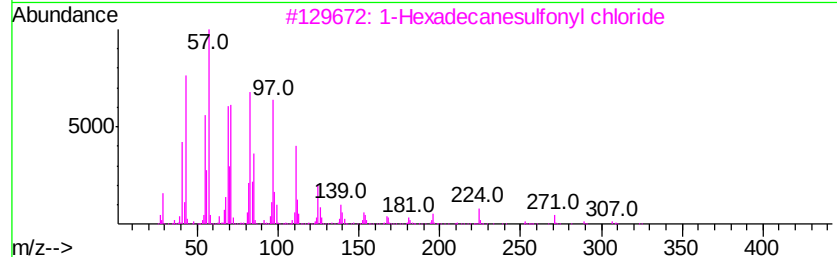
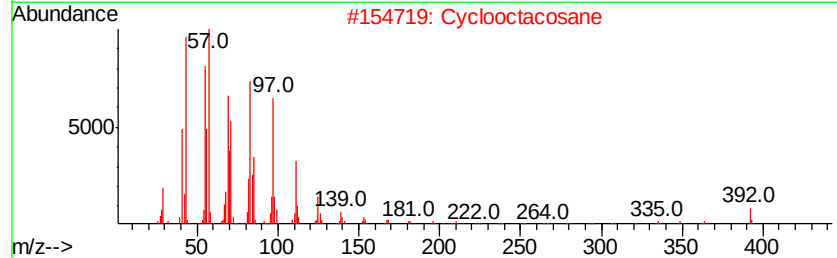
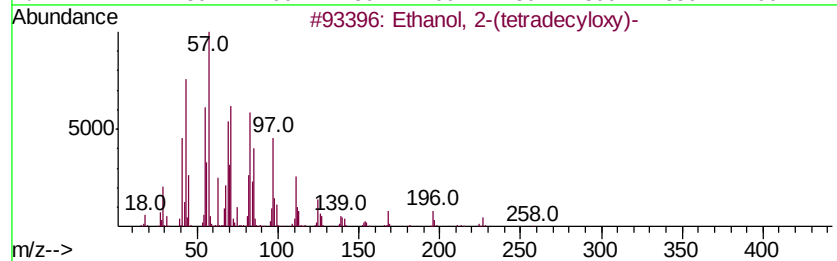
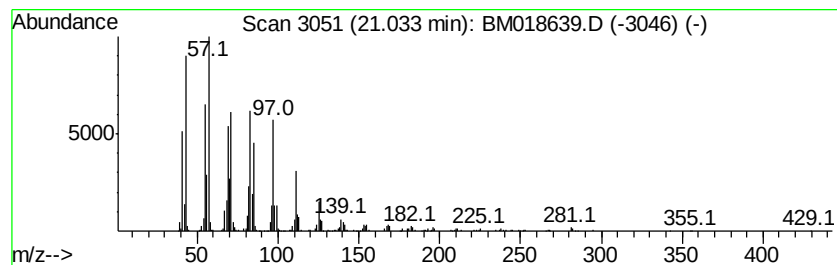
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.03	6.98 ng	1014320	Chrysene-d12	21.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Cyclooctacosane	392	C28H56	000297-24-5	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	90
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018639.D
Acq On : 18 Jan 2019 16:25
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Sample : K1173-01
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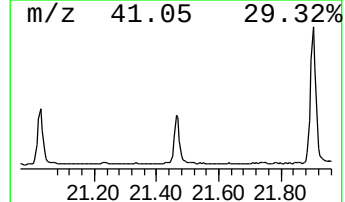
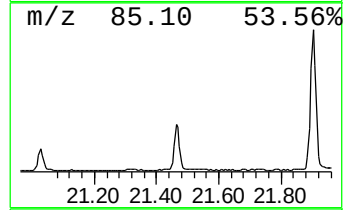
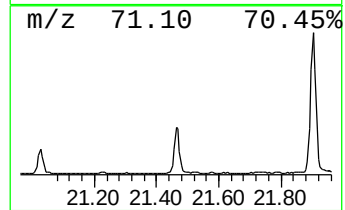
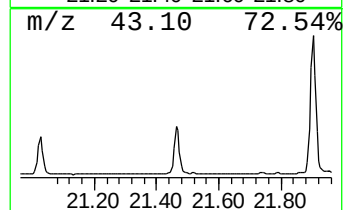
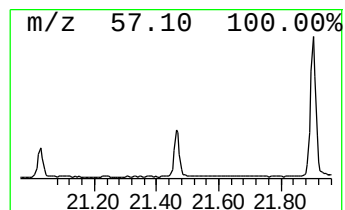
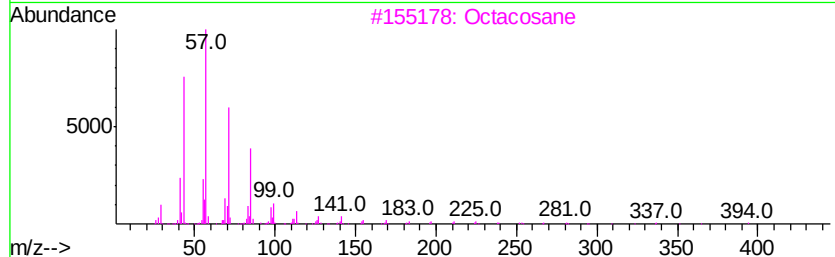
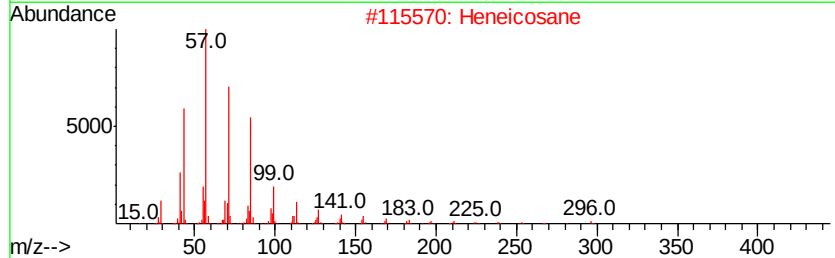
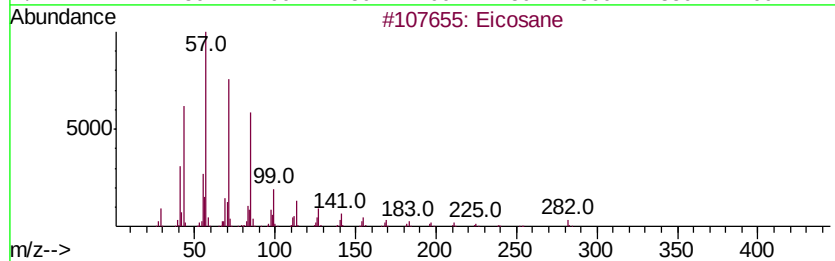
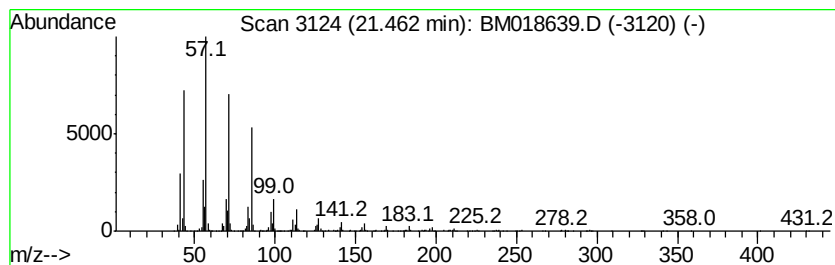
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	6.89 ng	1001850	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	96
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018639.D
Acq On : 18 Jan 2019 16:25
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Sample : K1173-01
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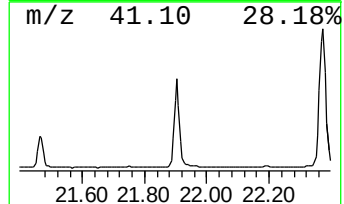
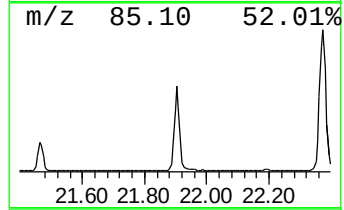
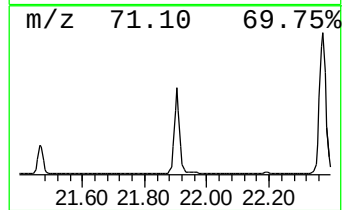
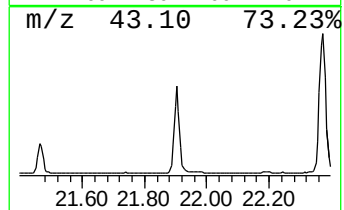
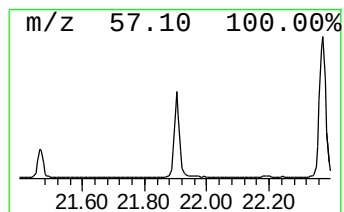
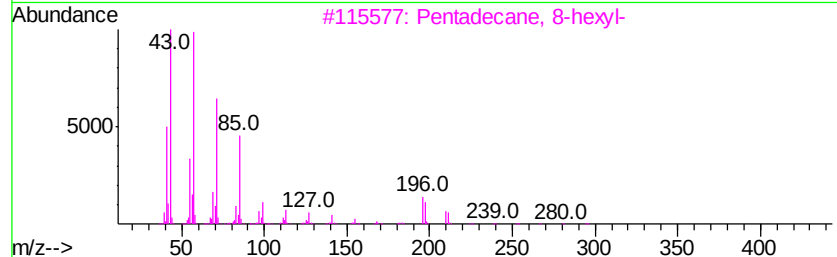
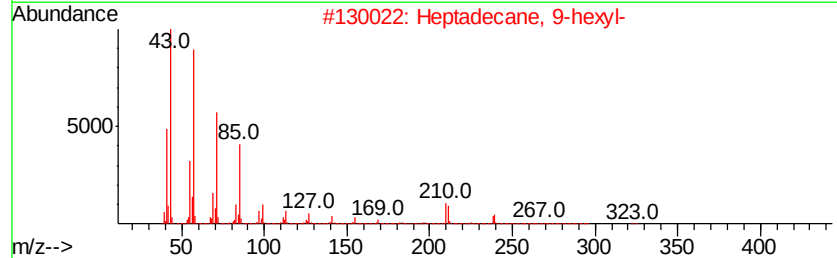
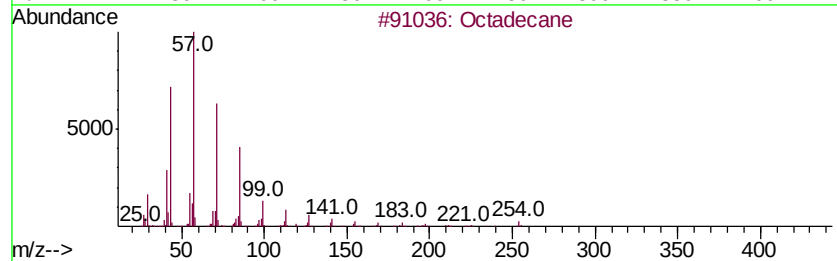
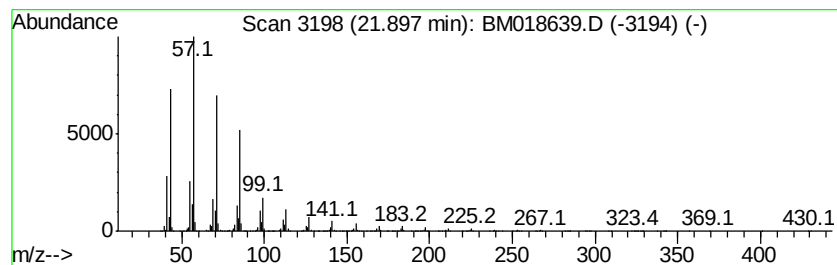
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	20.04 ng	2914660	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
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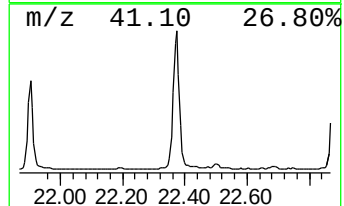
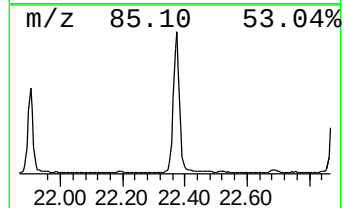
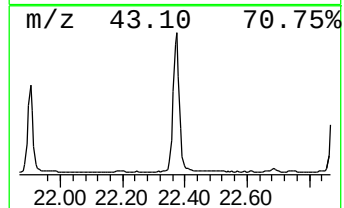
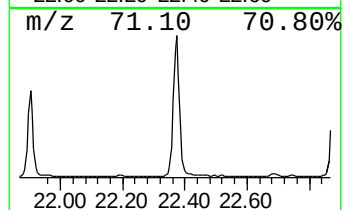
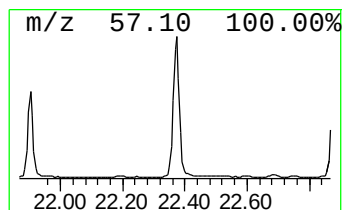
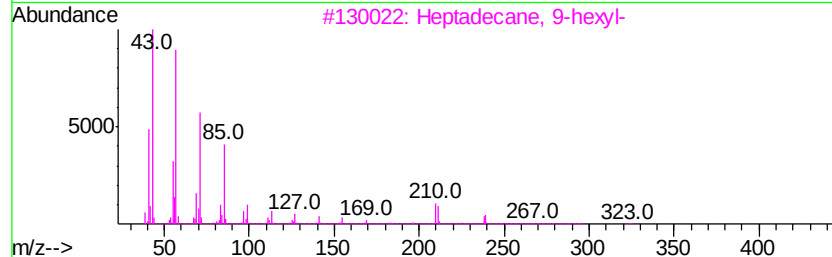
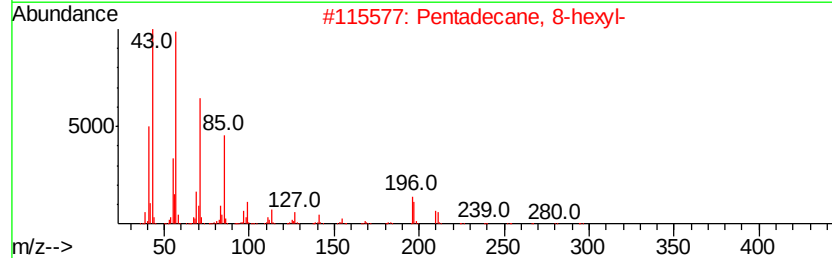
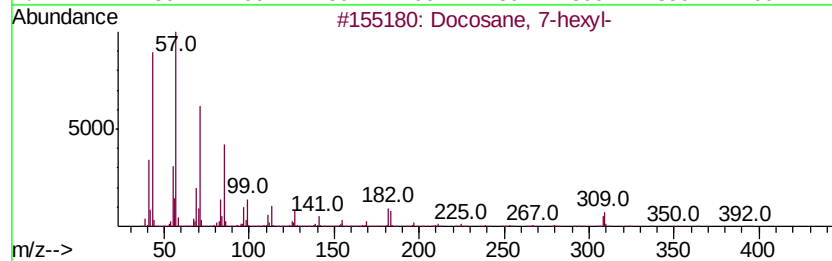
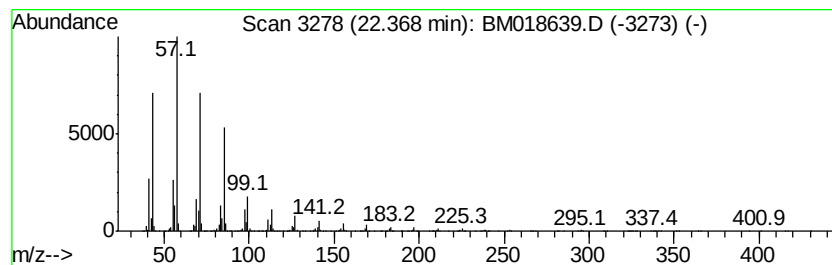
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Docosane, 7-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	38.98 ng	5668010	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	95
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018639.D
Acq On : 18 Jan 2019 16:25
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Misc :
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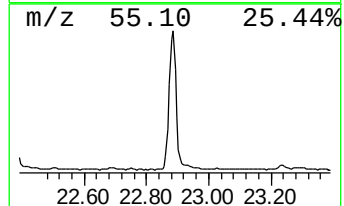
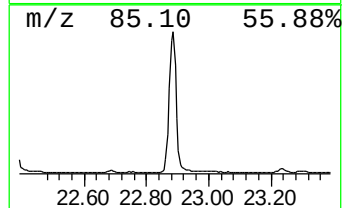
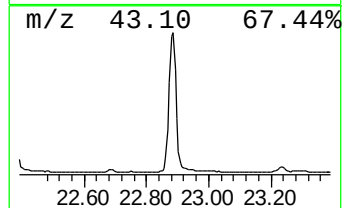
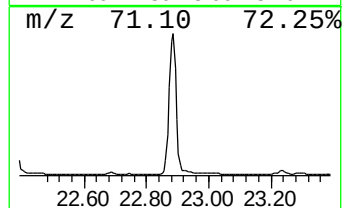
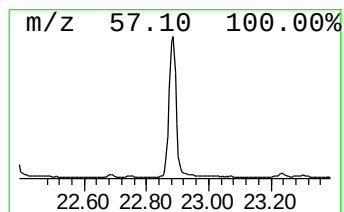
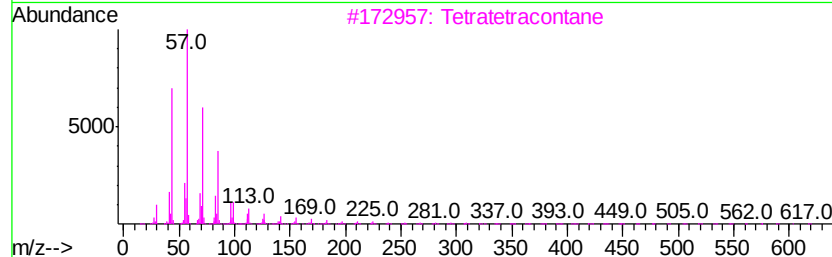
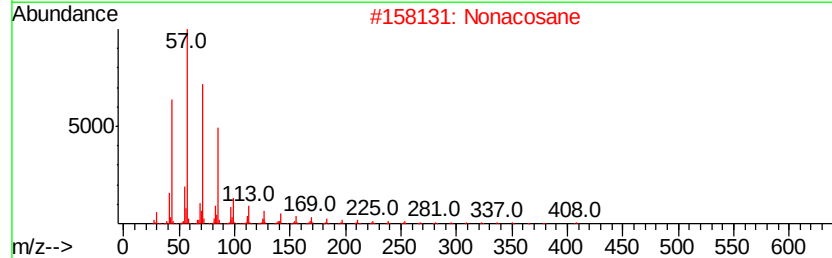
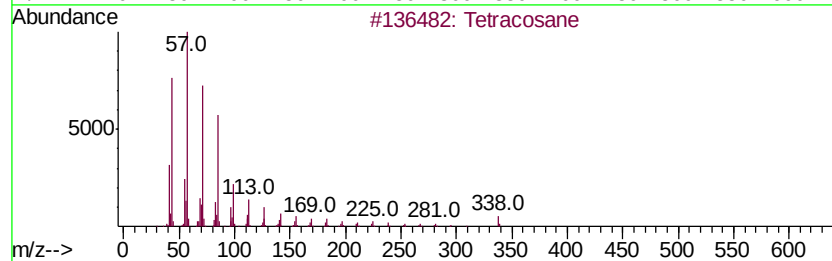
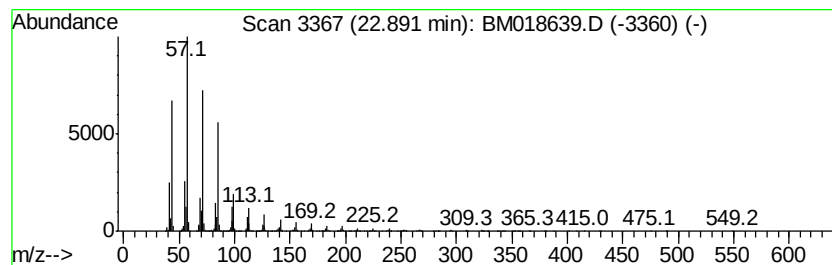
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	50.15 ng	7314210	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Nonacosane	408	C29H60	000630-03-5	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



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Data File : BM018639.D
Acq On : 18 Jan 2019 16:25
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Misc :
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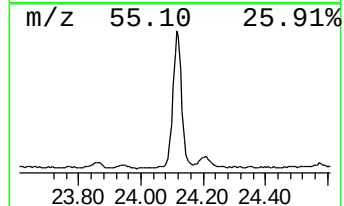
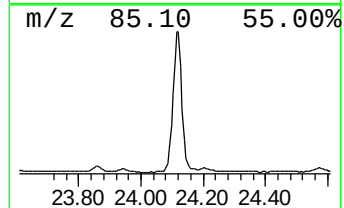
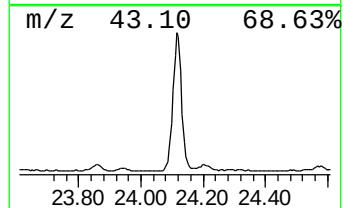
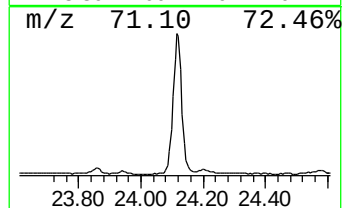
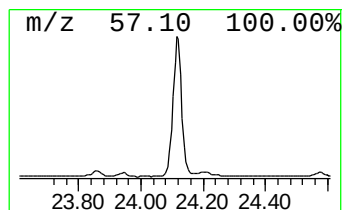
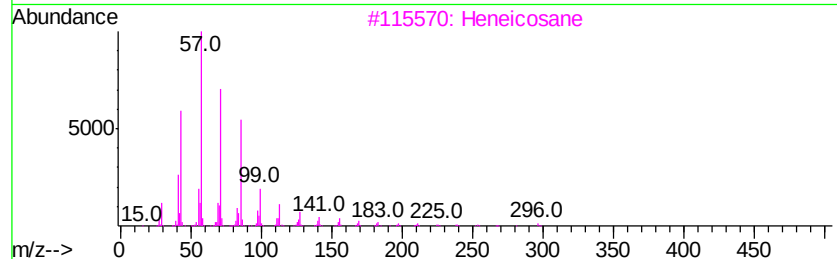
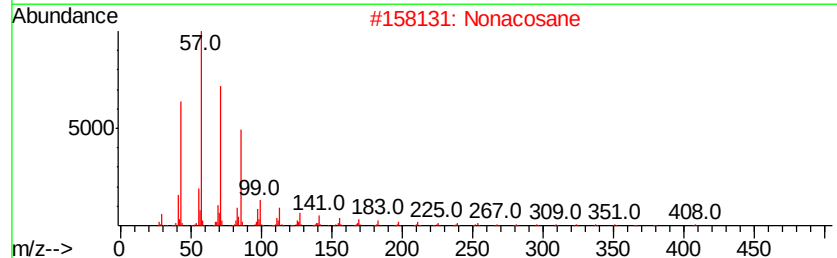
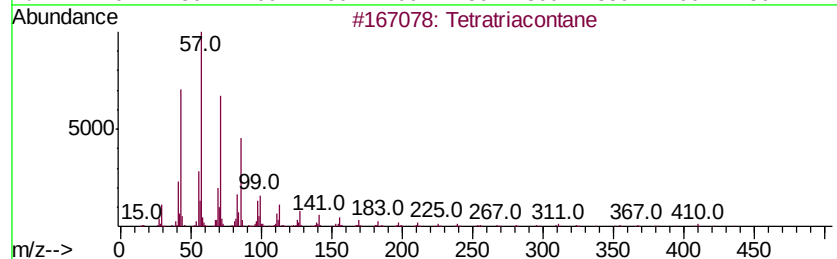
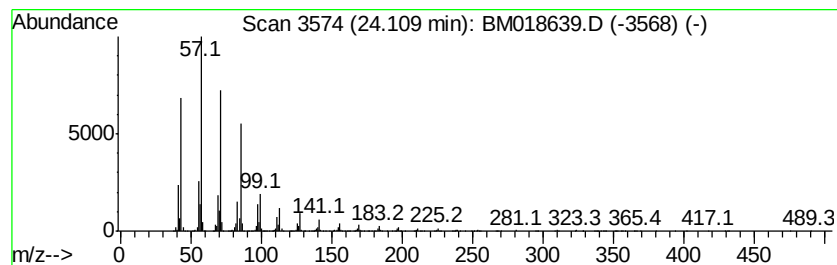
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetratriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	40.46 ng	5901450	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
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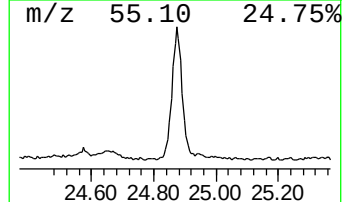
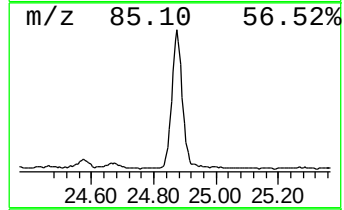
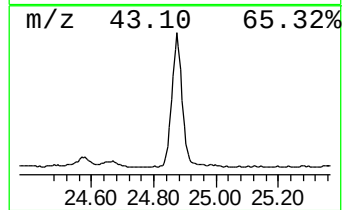
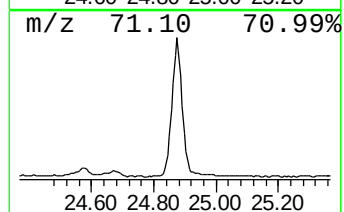
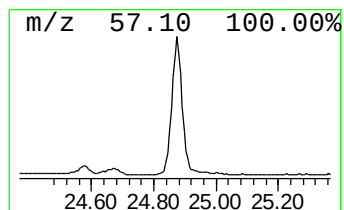
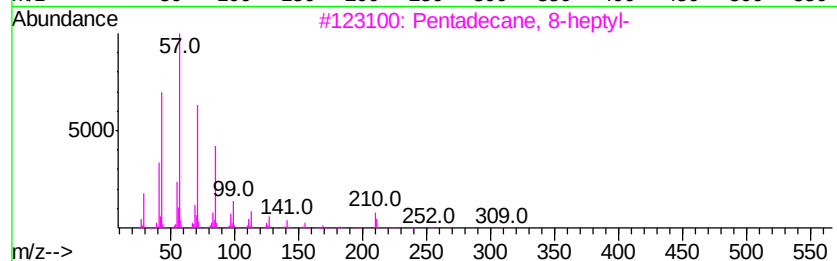
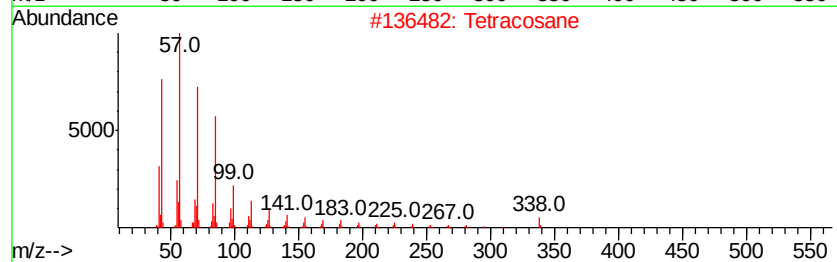
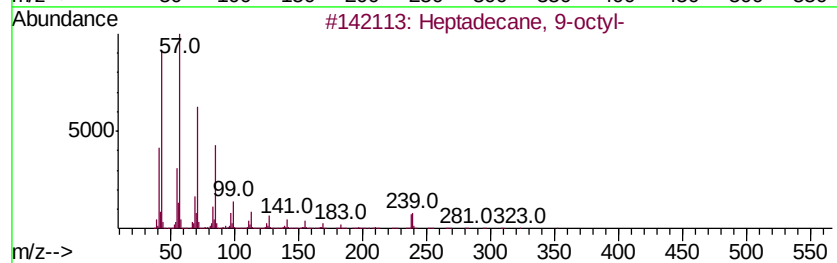
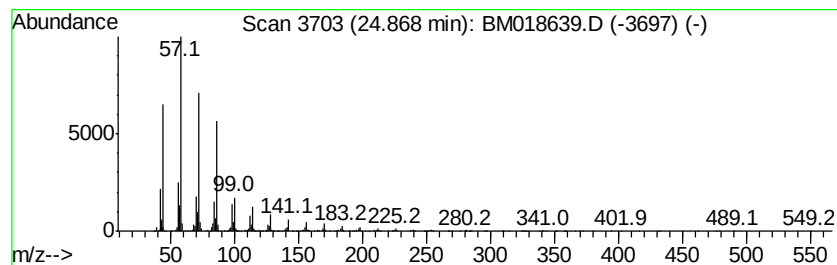
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 15 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	21.05 ng	3070270	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Tetracosane	338	C24H50	000646-31-1	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		triacontane	422	C30H62	000638-68-6	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011819\
 Data File : BM018639.D
 Acq On : 18 Jan 2019 16:25
 Operator : JU/SJ
 Sample : K1173-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propylene Glycol	3.52	6.7	ng	431917	1	7.73	1289790	20.0
2-Pentanone, 4-hy...	4.88	5.1	ng	328564	1	7.73	1289790	20.0
unknown7.27	7.27	96.6	ng	6232060	1	7.73	1289790	20.0
n-Hexadecanoic acid	18.03	24.3	ng	2878990	4	17.13	2370440	20.0
Dibutyl phthalate	18.10	2.5	ng	300383	4	17.13	2370440	20.0
Octadecanoic acid	19.31	9.6	ng	1399870	5	21.33	2908290	20.0
Ethanol, 2-(tetra...	21.03	7.0	ng	1014320	5	21.33	2908290	20.0
Eicosane	21.46	6.9	ng	1001850	5	21.33	2908290	20.0
Octadecane	21.90	20.0	ng	2914660	5	21.33	2908290	20.0
Docosane, 7-hexyl-	22.37	39.0	ng	5668010	5	21.33	2908290	20.0
Tetracosane	22.89	50.1	ng	7314210	6	23.60	2916870	20.0
Tetratriacontane	24.11	40.5	ng	5901450	6	23.60	2916870	20.0
Heptadecane, 9-oc...	24.87	21.1	ng	3070270	6	23.60	2916870	20.0