

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018594.D
 Acq On : 16 Jan 2019 21:38
 Operator : JU/SJ
 Sample : K1147-25
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9

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	3.522	71	74	87	rBV	204006	331639	1.47%	0.235%
2	4.887	301	306	316	rVB	300513	448131	1.98%	0.318%
3	5.340	376	383	399	rBV	6802383	9676343	42.84%	6.862%
4	6.928	645	653	671	rBV	6584791	11246186	49.79%	7.975%
5	7.286	706	714	723	rBV	7216013	11447675	50.69%	8.118%
6	7.745	786	792	799	rVB	1442245	2250361	9.96%	1.596%
7	8.063	839	846	855	rVB	5386567	8700489	38.52%	6.170%
8	8.916	982	991	1002	rBV	4149173	6867998	30.41%	4.870%
9	10.539	1258	1267	1279	rBV	1870053	3176677	14.06%	2.253%
10	13.010	1680	1687	1702	rBV	11080514	16597540	73.49%	11.770%
11	13.851	1822	1830	1839	rBV	1130503	1638633	7.26%	1.162%
12	14.398	1916	1923	1933	rVB2	2857145	4349770	19.26%	3.085%
13	15.892	2170	2177	2192	rBV	9737301	13643375	60.41%	9.675%
14	17.145	2383	2390	2401	rBV2	3679383	5223796	23.13%	3.704%
15	18.033	2536	2541	2559	rBV	1826401	2828969	12.53%	2.006%
16	19.215	2732	2742	2746	rBV	716586	981773	4.35%	0.696%
17	19.315	2755	2759	2766	rBV	418837	596090	2.64%	0.423%
18	19.780	2832	2838	2843	rBV	18200921	22585776	100.00%	16.017%
19	20.574	2969	2973	2976	rVB	214607	244470	1.08%	0.173%
20	21.033	3043	3051	3055	rBV	2137440	2683794	11.88%	1.903%
21	21.115	3062	3065	3070	rBV	254942	295321	1.31%	0.209%
22	21.339	3098	3103	3108	rBV	3810523	4947532	21.91%	3.509%
23	21.439	3117	3120	3123	rBV2	256446	277816	1.23%	0.197%
24	21.474	3123	3126	3135	rVB	527182	619022	2.74%	0.439%
25	21.909	3197	3200	3207	rBV	623992	888714	3.93%	0.630%
26	22.380	3276	3280	3287	rVB	753624	966497	4.28%	0.685%
27	22.509	3298	3302	3308	rVB	585167	794261	3.52%	0.563%
28	22.897	3363	3368	3373	rVB	694801	977397	4.33%	0.693%
29	23.468	3461	3465	3477	rVB	573233	967112	4.28%	0.686%
30	23.615	3484	3490	3499	rVB	2093529	3983305	17.64%	2.825%
31	24.132	3573	3578	3585	rVB2	424894	778821	3.45%	0.552%

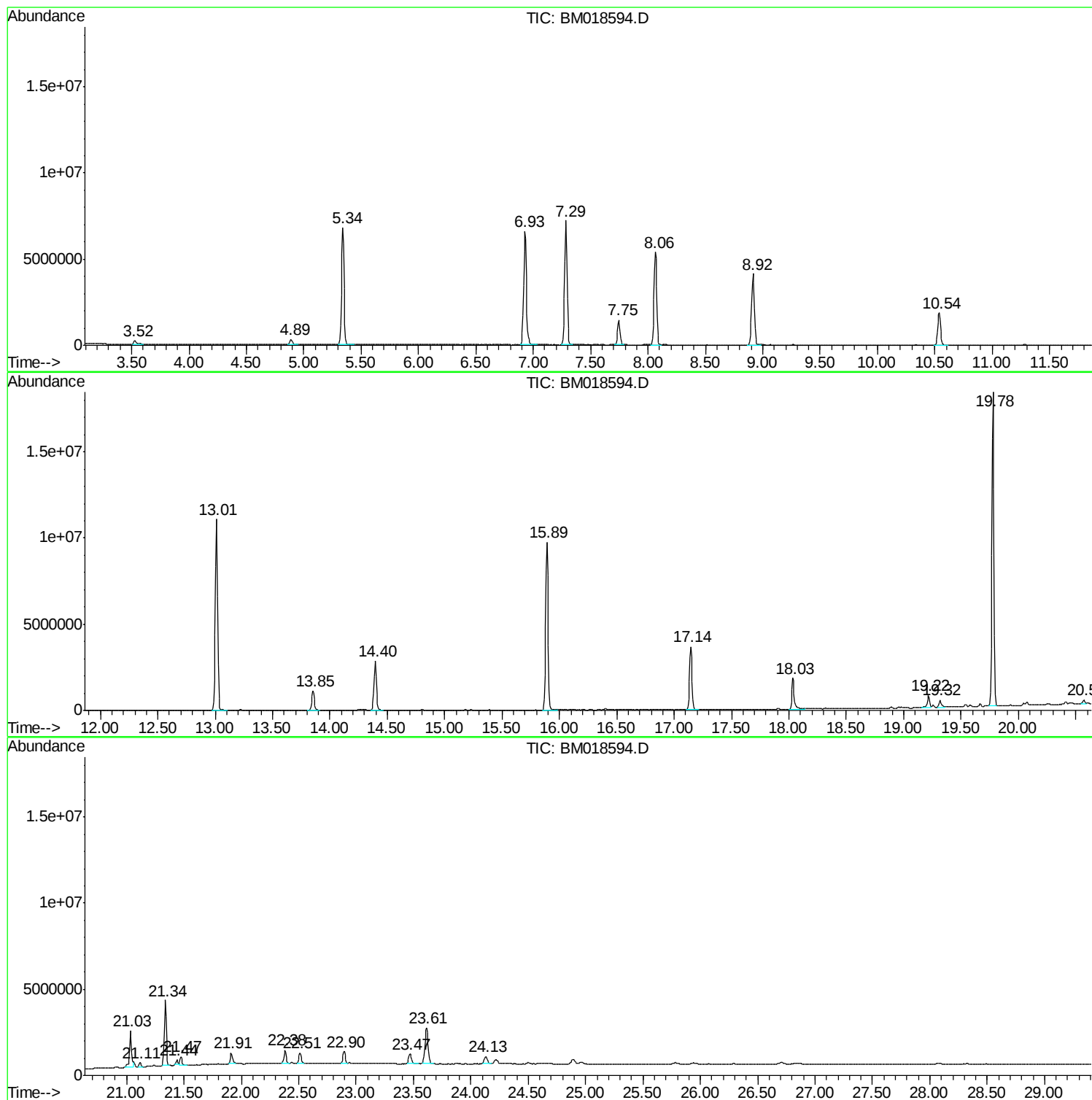
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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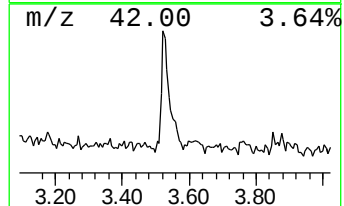
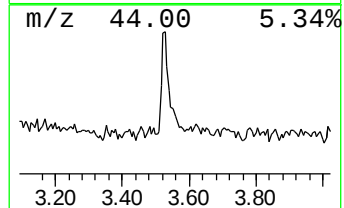
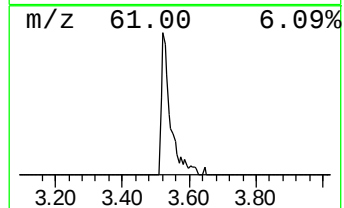
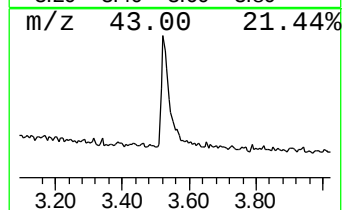
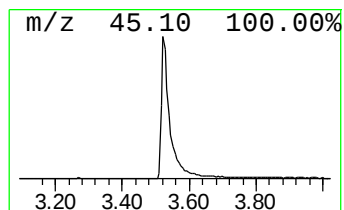
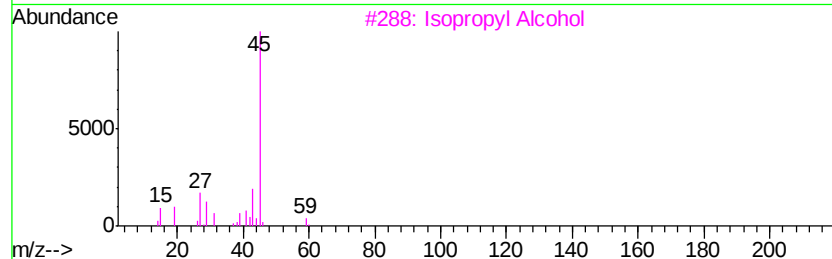
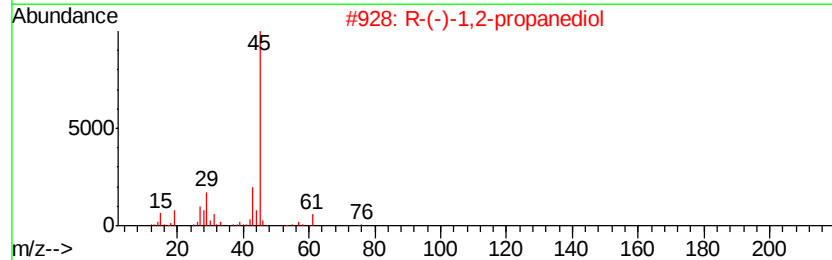
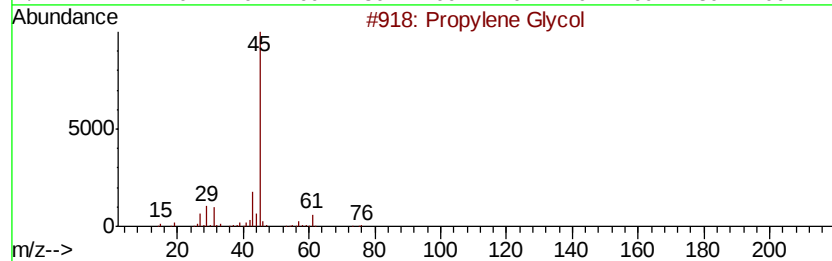
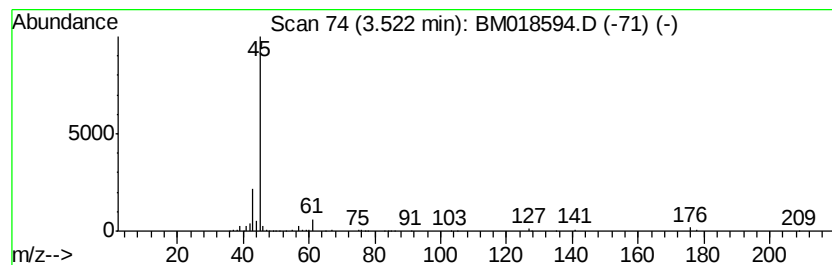
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Peak Number 1 Propylene Glycol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	2.95 ng	331639	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	86
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
5		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9



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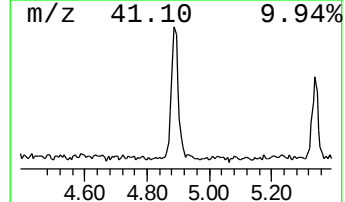
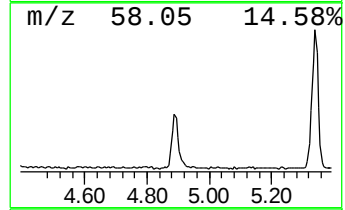
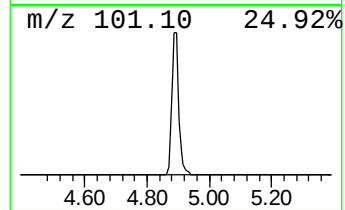
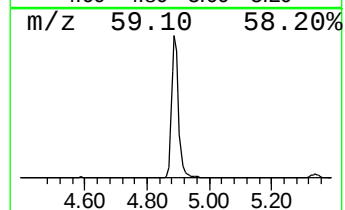
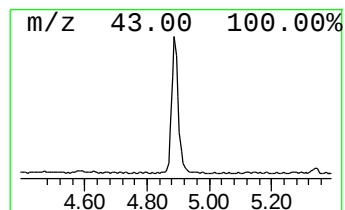
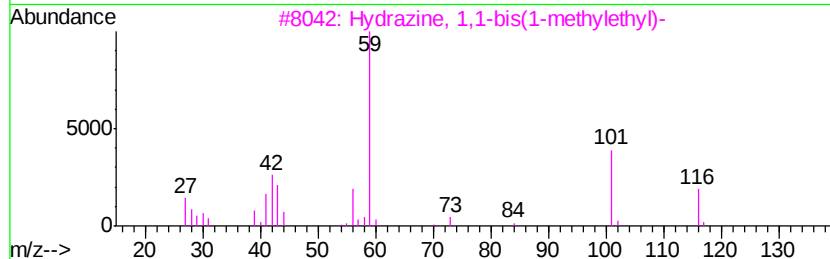
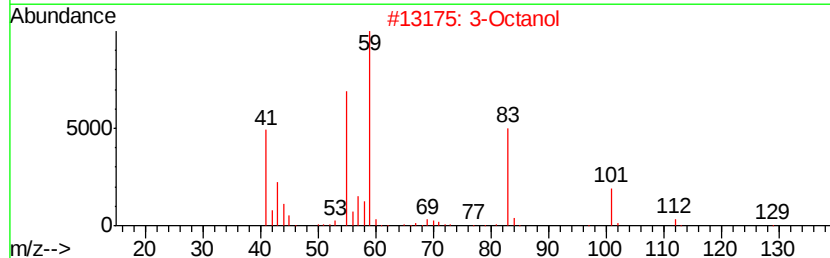
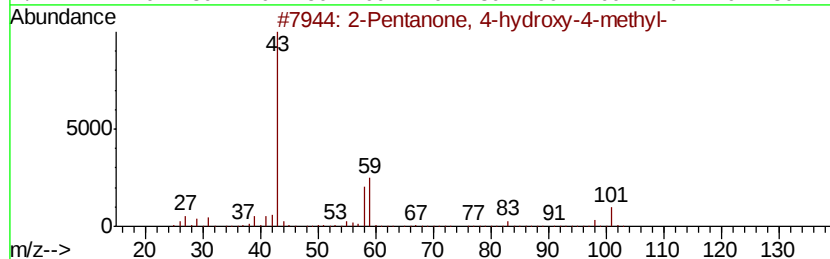
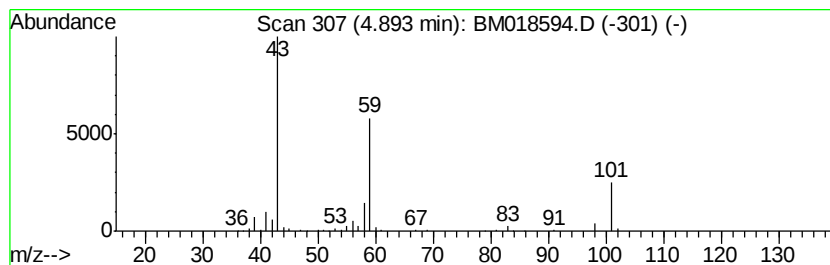
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	3.98 ng	448131	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		3-Octanol	130	C8H18O	020296-29-1	33
3		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17



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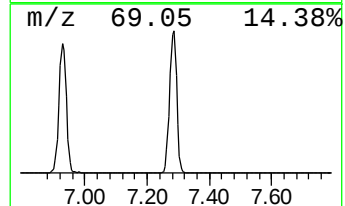
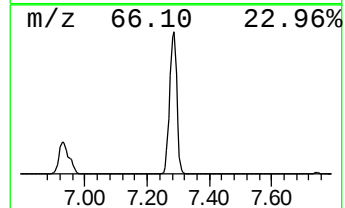
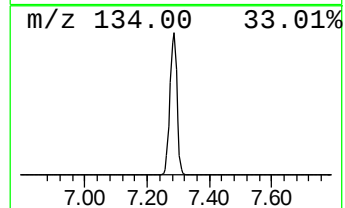
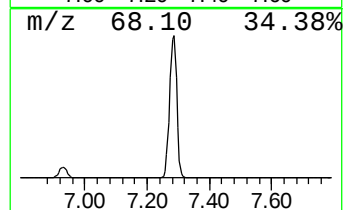
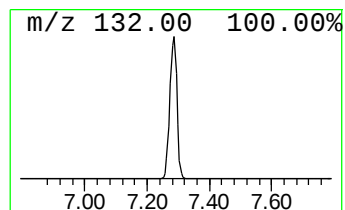
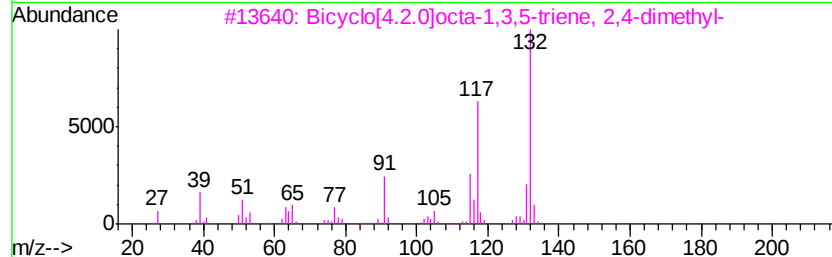
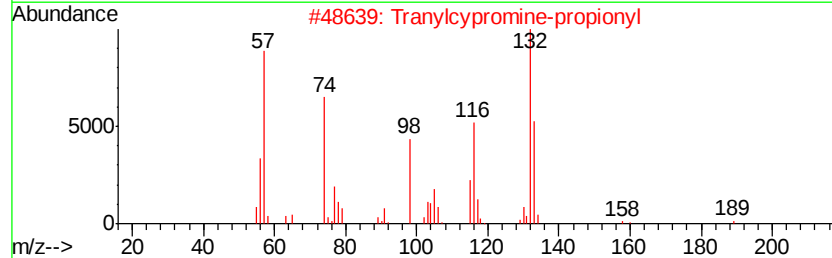
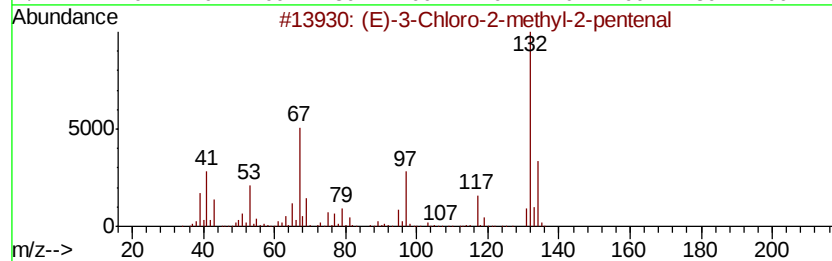
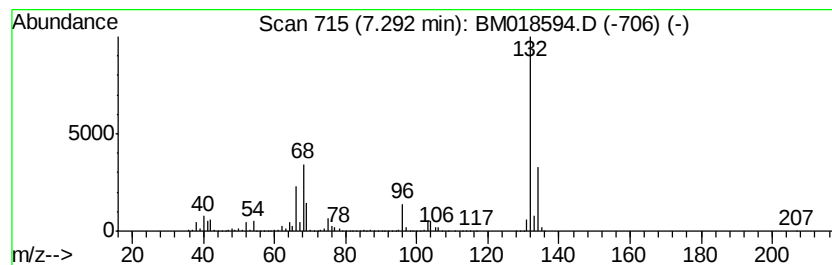
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Peak Number 3 unknown7.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	101.74 ng	11447700	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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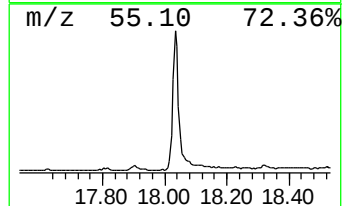
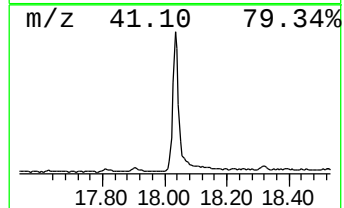
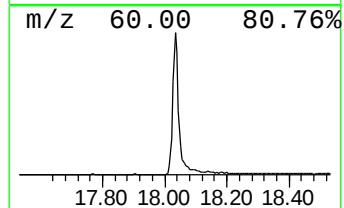
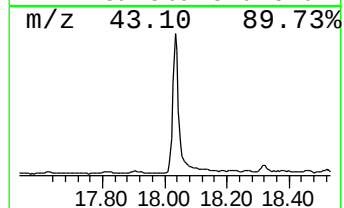
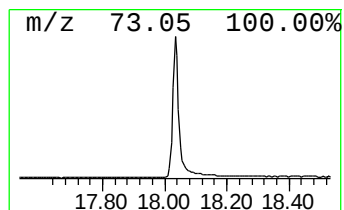
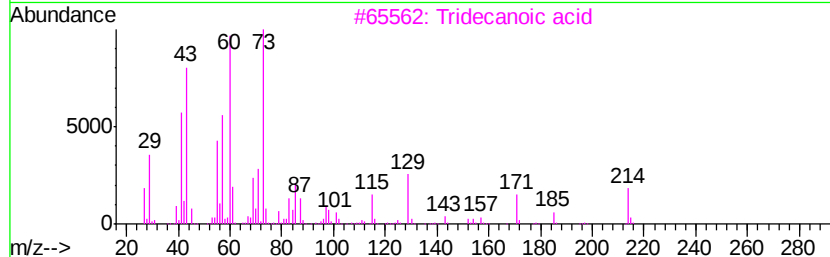
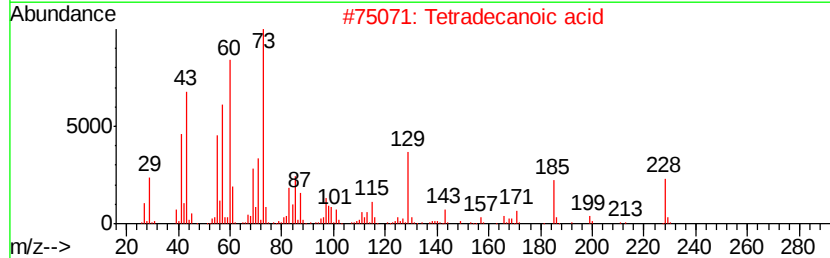
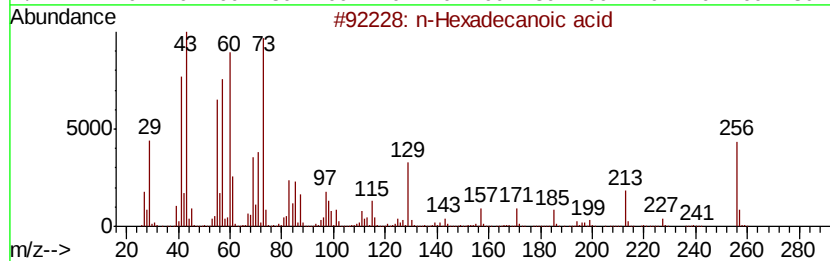
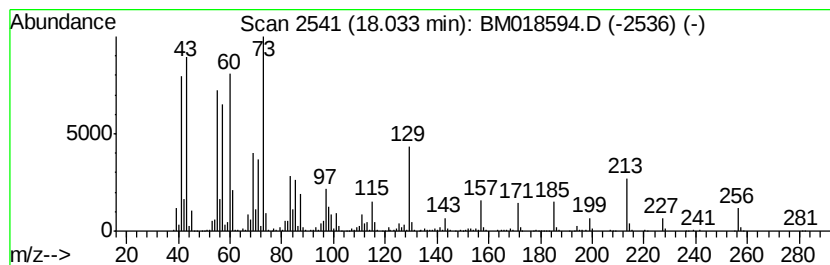
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	10.83 ng	2828970	Phenanthrene-d10	17.14

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	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Undecanoic acid	186	C11H22O2	000112-37-8	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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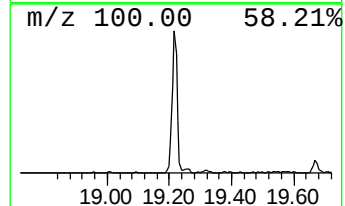
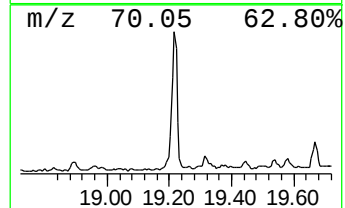
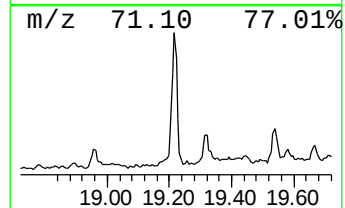
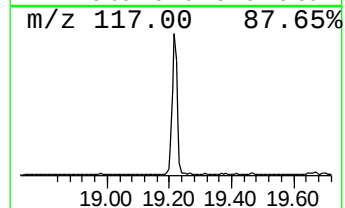
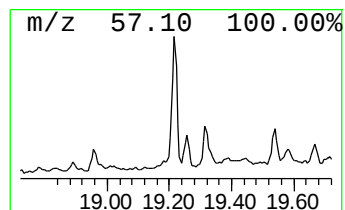
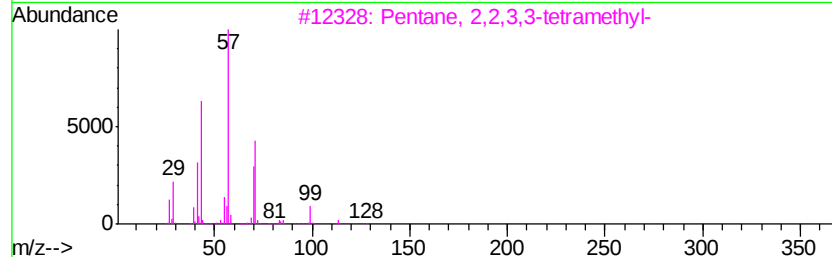
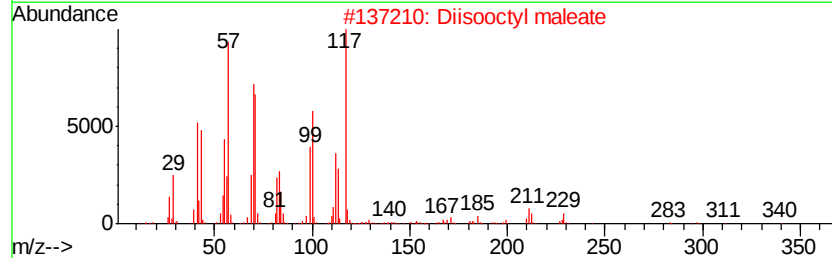
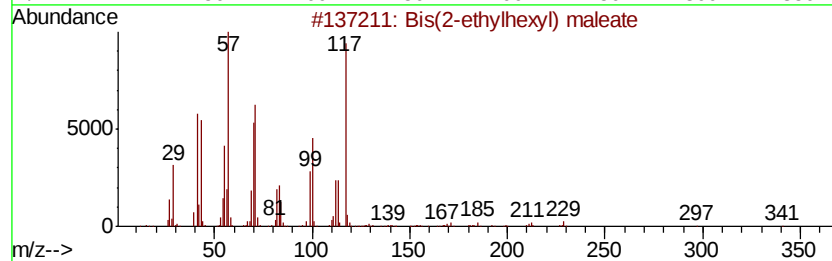
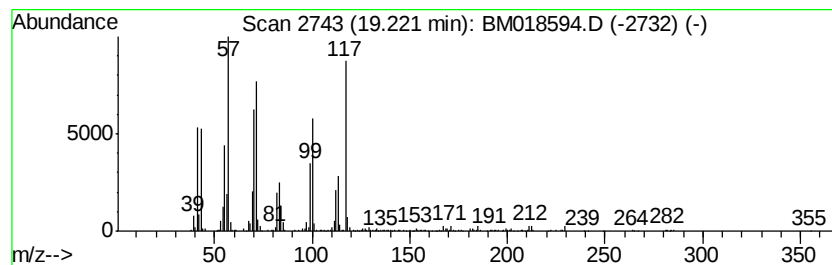
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Peak Number 6 Bis(2-ethylhexyl) maleate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	3.76 ng	981773	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	95
2		Diisooctyl maleate	340	C20H36O4	001330-76-3	83
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	35
4		1-Decene, 4-methyl-	154	C11H22	013151-29-6	30
5		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	22



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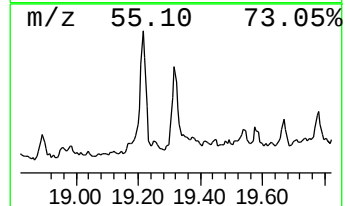
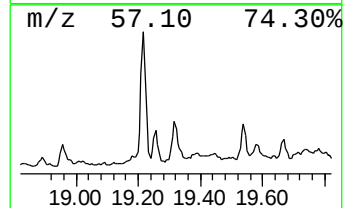
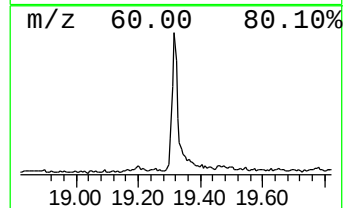
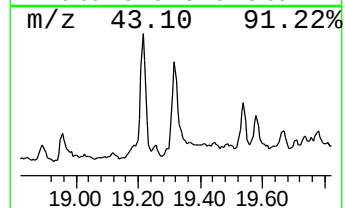
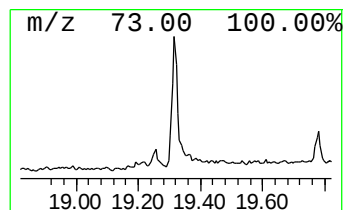
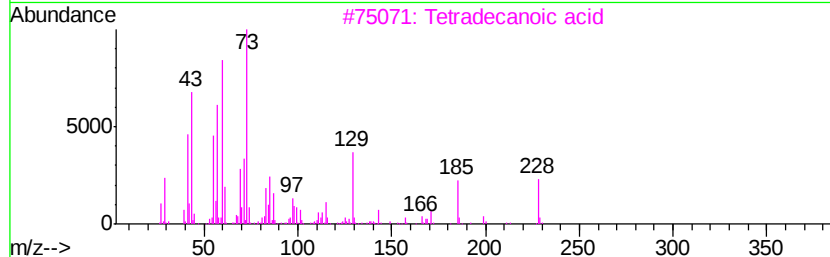
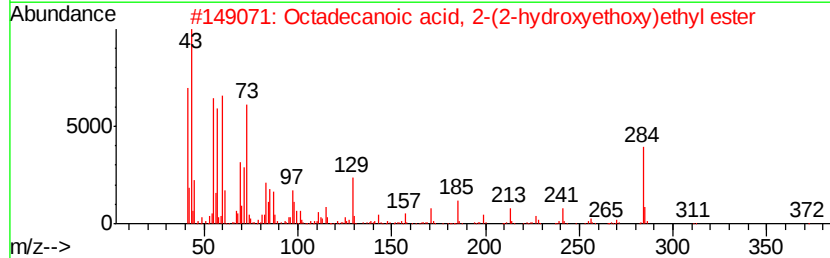
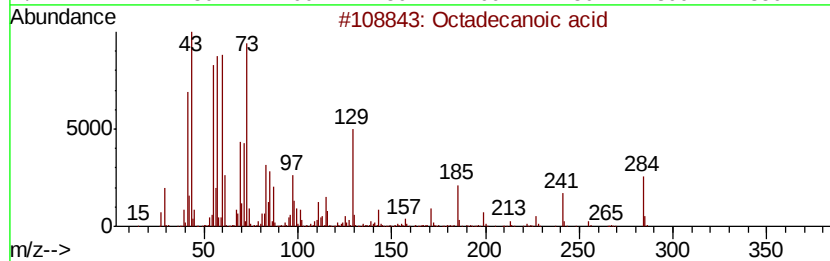
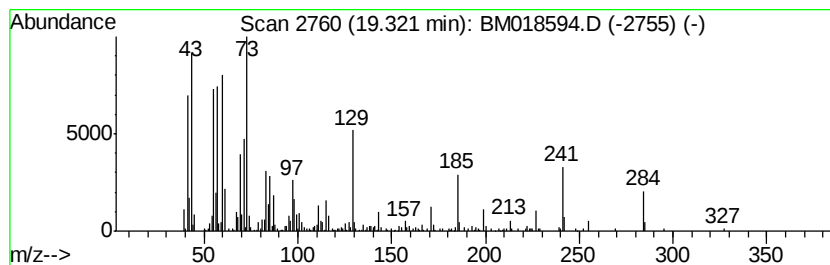
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.41 ng	596090	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018594.D
Acq On : 16 Jan 2019 21:38
Operator : JU/SJ
Sample : K1147-25
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

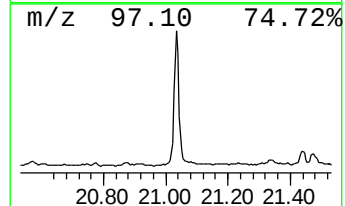
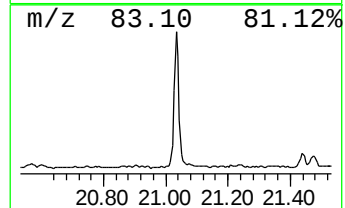
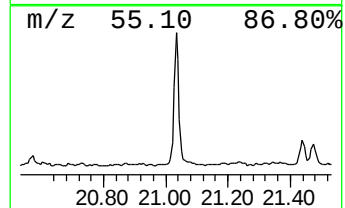
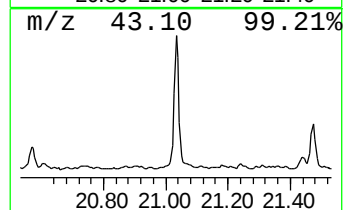
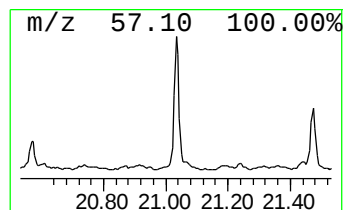
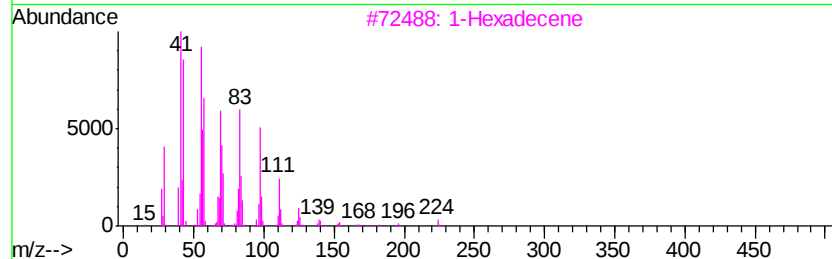
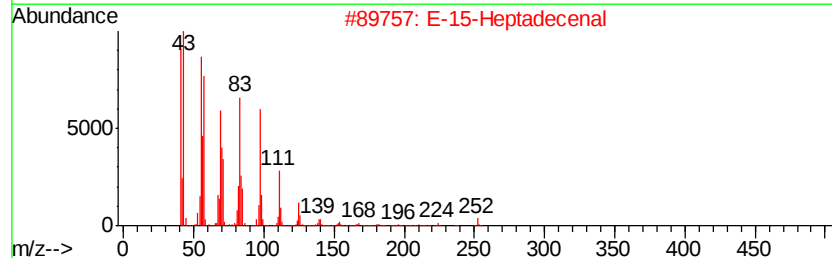
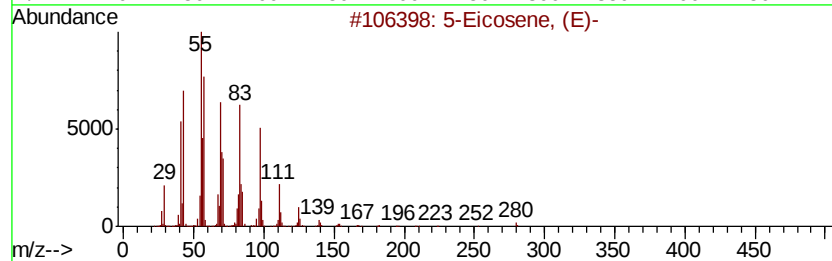
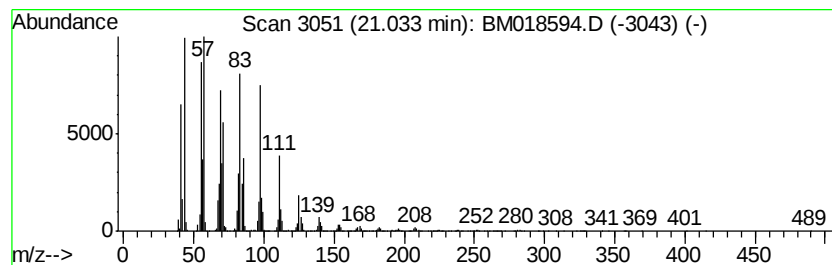
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	10.85 ng	2683790	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2		E-15-Heptadecenal	252	C17H32O	1000130-97-9	94
3		1-Hexadecene	224	C16H32	000629-73-2	94
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018594.D
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Sample : K1147-25
Misc :
ALS Vial : 19 Sample Multiplier: 1

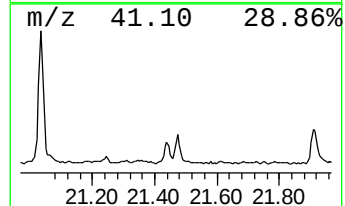
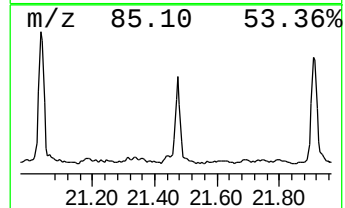
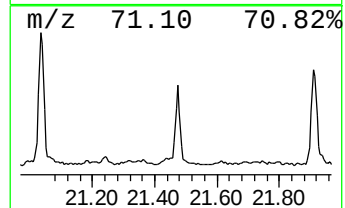
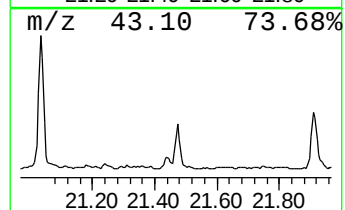
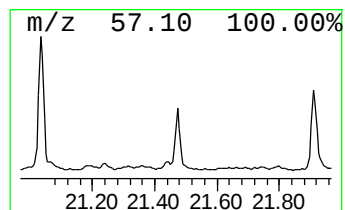
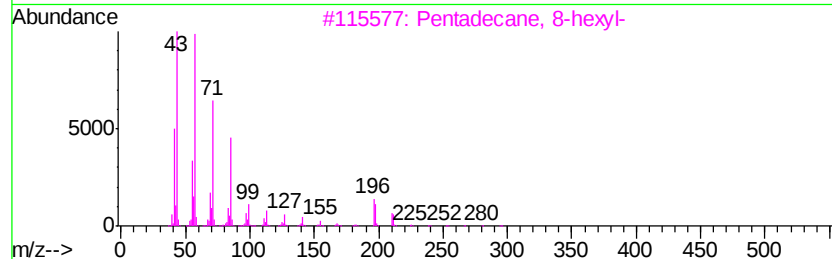
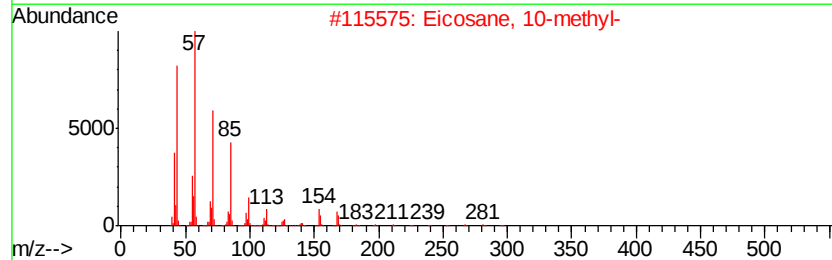
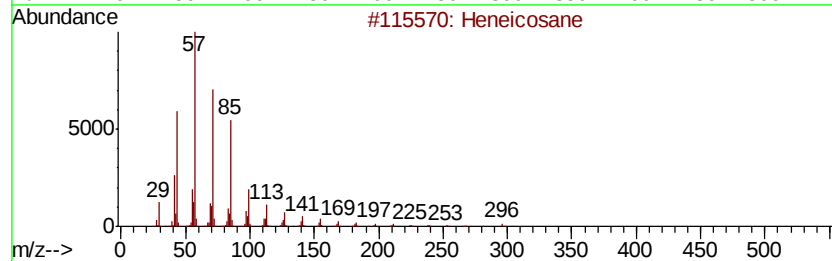
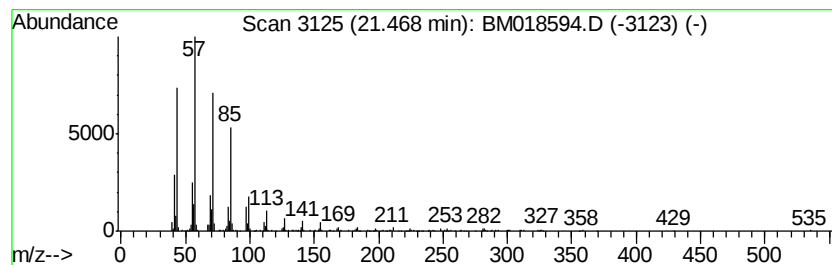
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.50 ng	619022	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane		296 C21H44	000629-94-7 97
2	Eicosane, 10-methyl-		296 C21H44	054833-23-7 94
3	Pentadecane, 8-hexyl-		296 C21H44	013475-75-7 93
4	Octadecane, 2-methyl-		268 C19H40	001560-88-9 91
5	Heptadecane, 9-octyl-		352 C25H52	007225-64-1 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018594.D
Acq On : 16 Jan 2019 21:38
Operator : JU/SJ
Sample : K1147-25
Misc :
ALS Vial : 19 Sample Multiplier: 1

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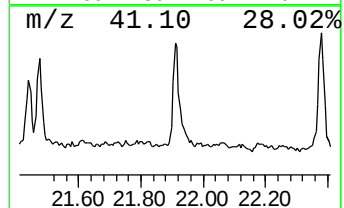
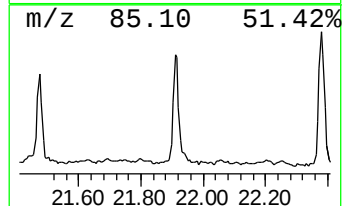
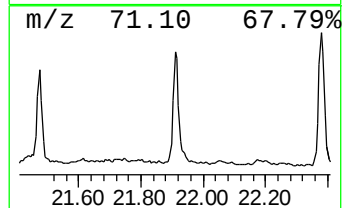
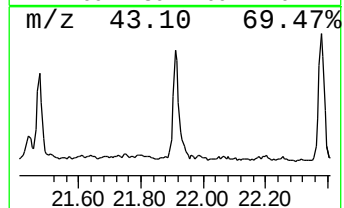
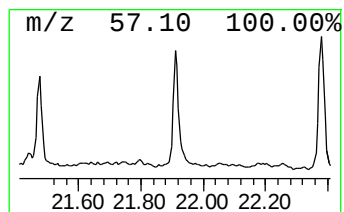
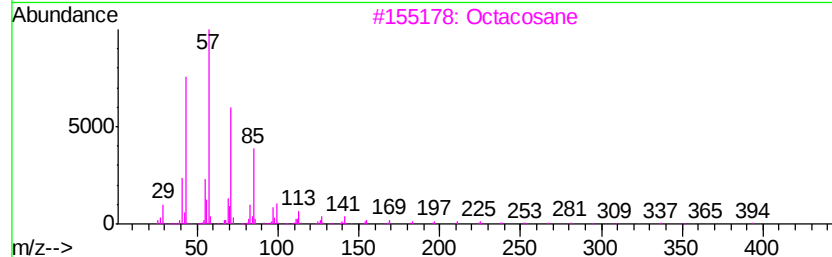
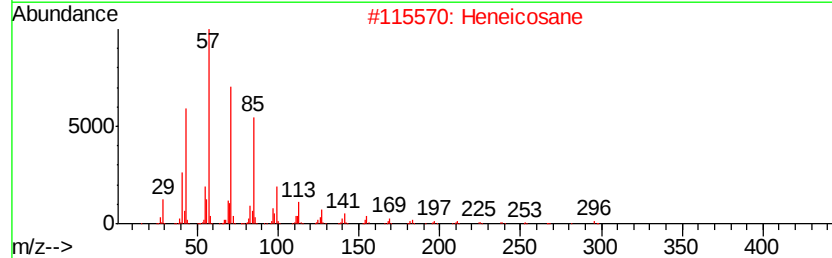
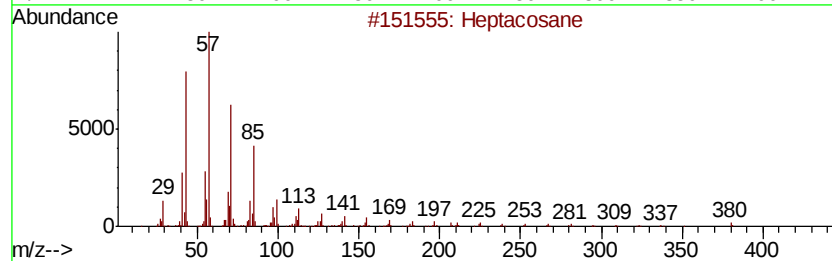
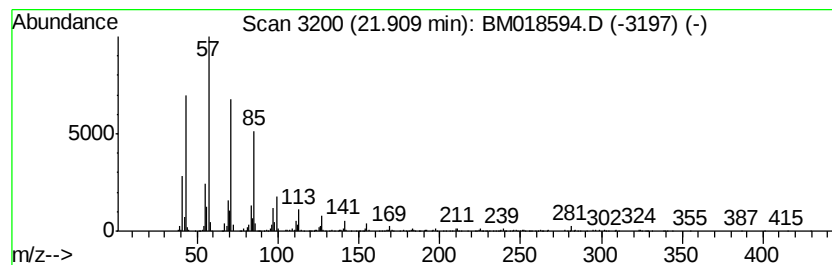
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	3.59 ng	888714	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018594.D
Acq On : 16 Jan 2019 21:38
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Sample : K1147-25
Misc :
ALS Vial : 19 Sample Multiplier: 1

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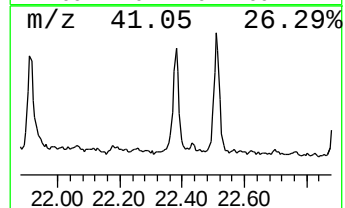
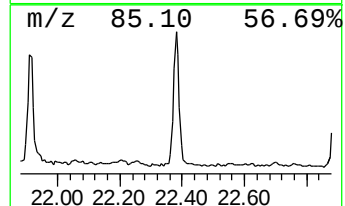
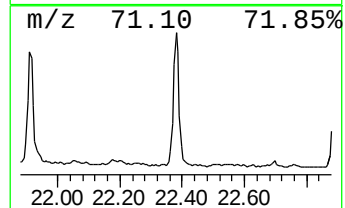
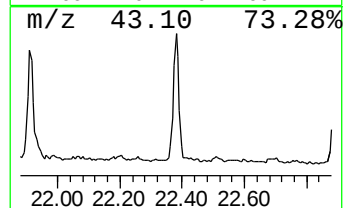
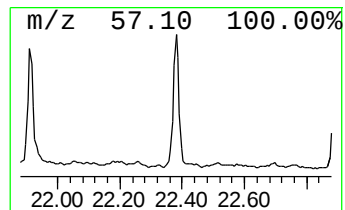
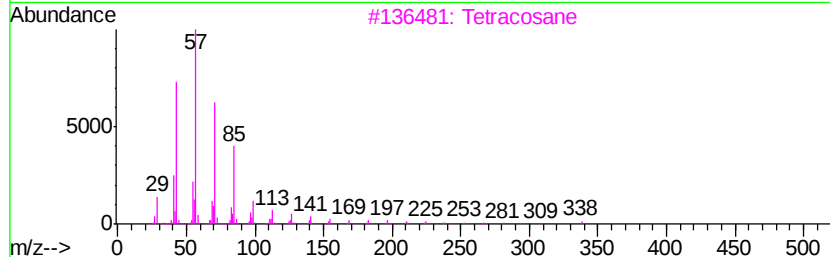
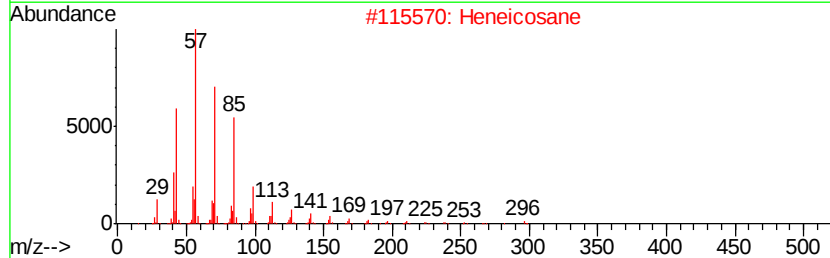
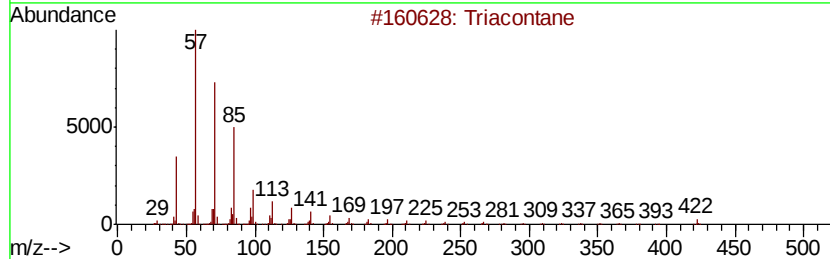
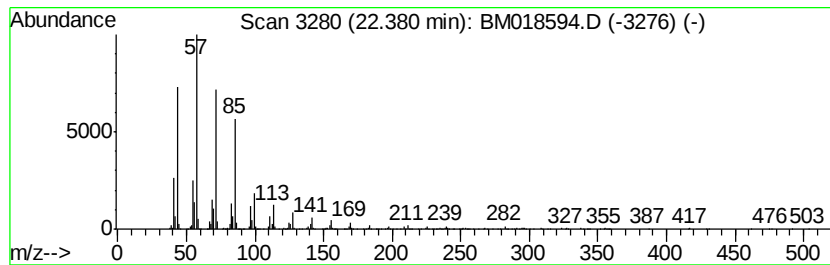
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Triacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	3.91 ng	966497	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Eicosane	282	C20H42	000112-95-8	90
5			Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
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Sample : K1147-25
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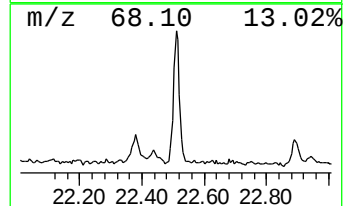
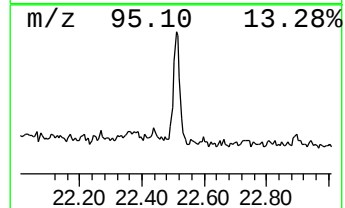
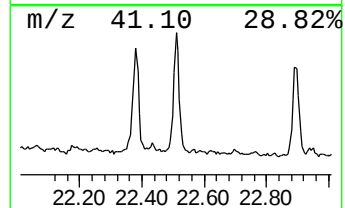
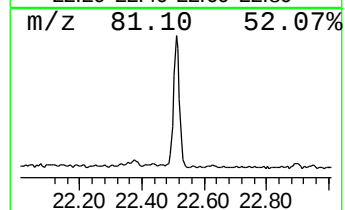
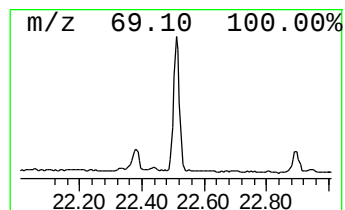
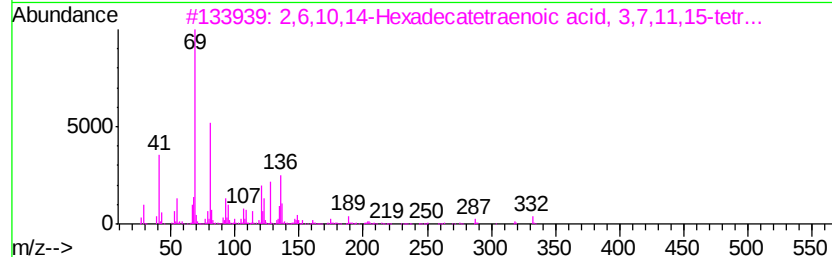
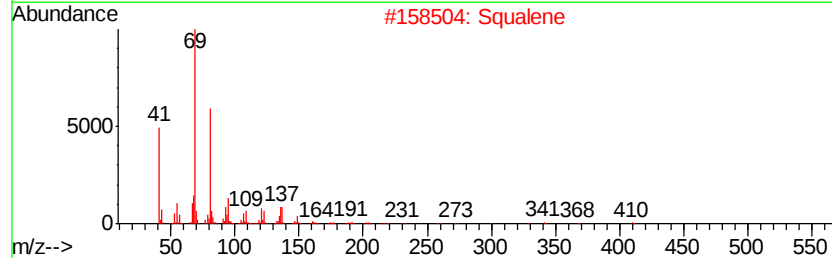
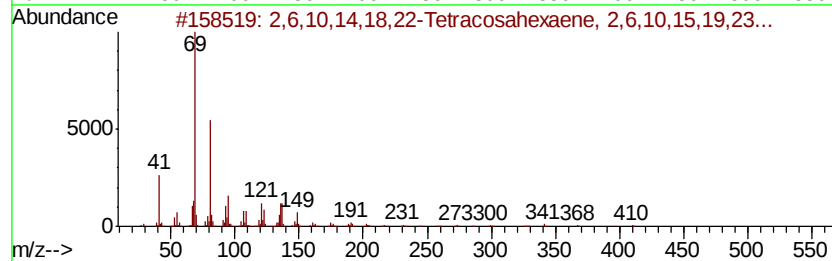
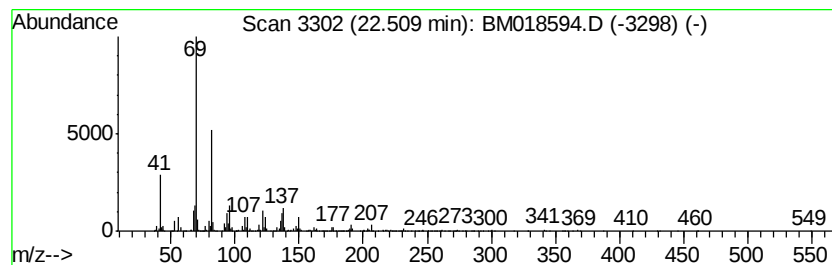
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.51	3.99 ng	794261	Perylene-d12	23.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	95
2	Squalene	410	C30H50	007683-64-9	91
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018594.D
Acq On : 16 Jan 2019 21:38
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Sample : K1147-25
Misc :
ALS Vial : 19 Sample Multiplier: 1

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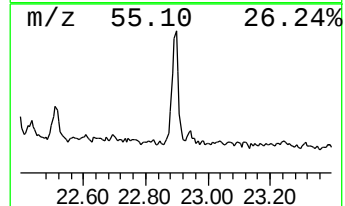
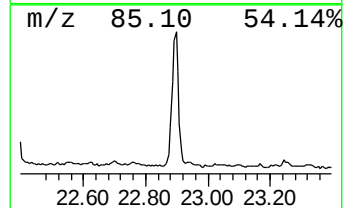
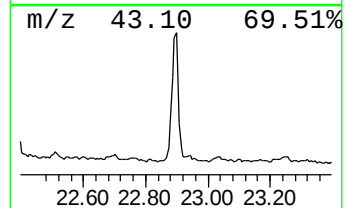
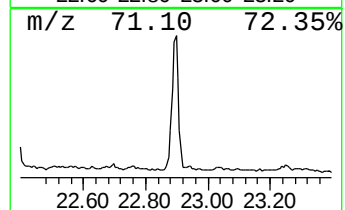
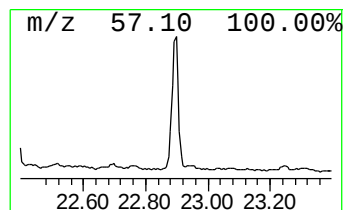
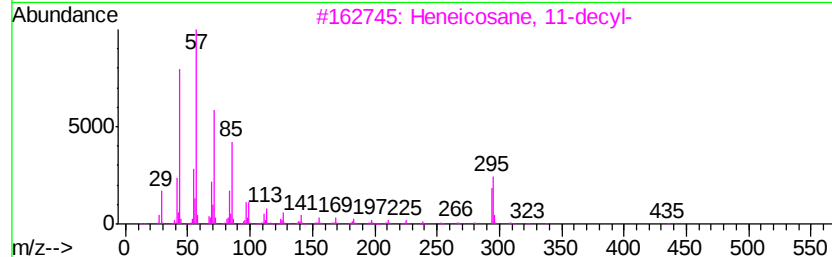
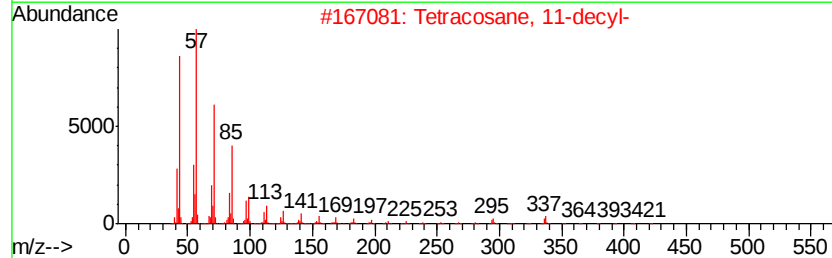
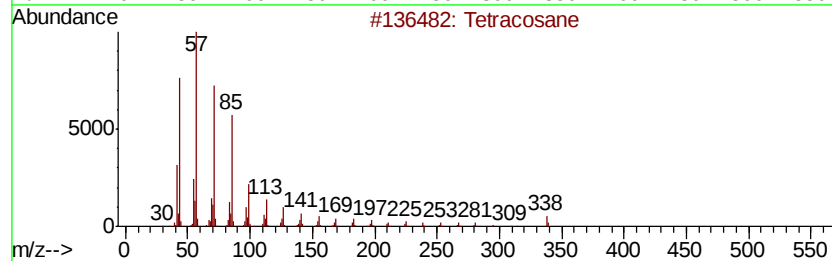
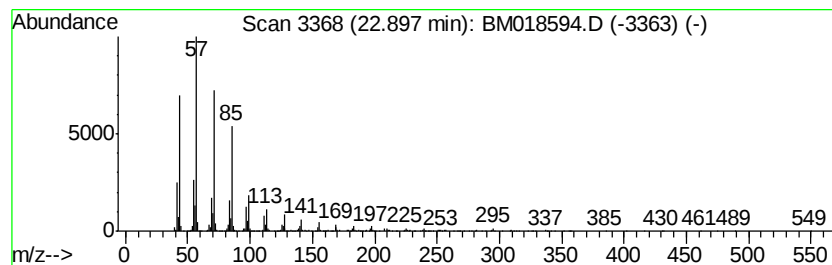
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	4.91 ng	977397	Perylene-d12	23.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	98
2			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5			Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018594.D
Acq On : 16 Jan 2019 21:38
Operator : JU/SJ
Sample : K1147-25
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

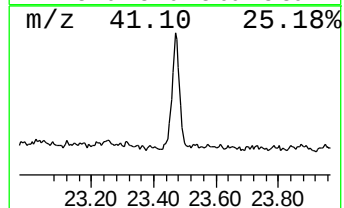
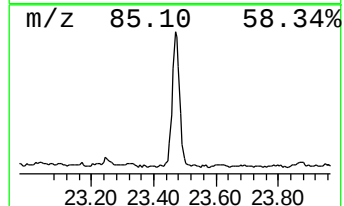
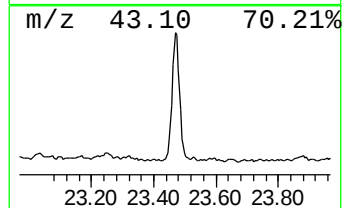
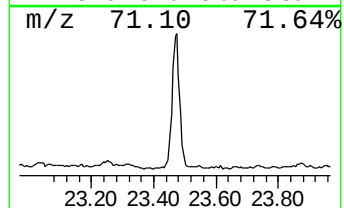
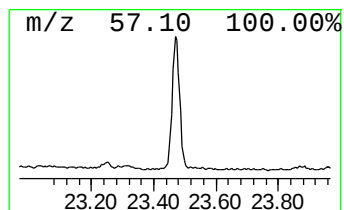
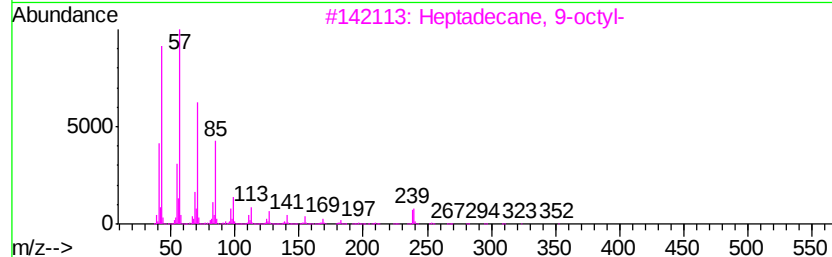
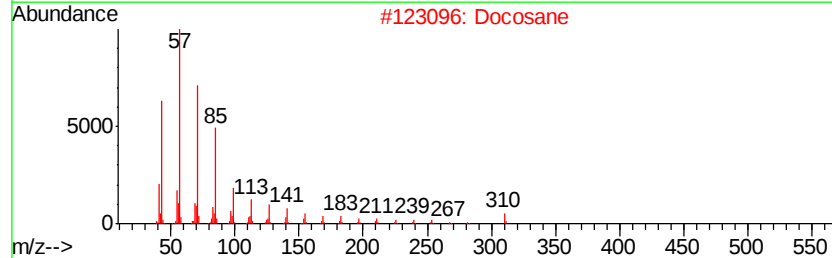
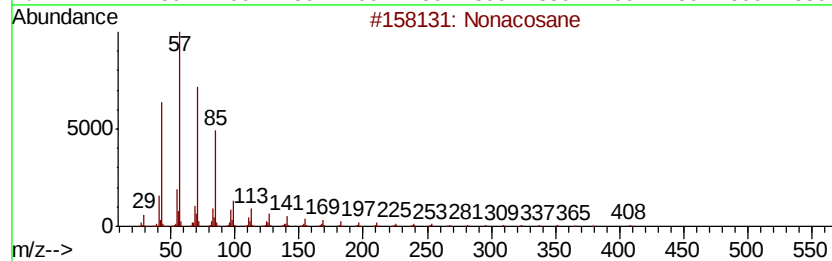
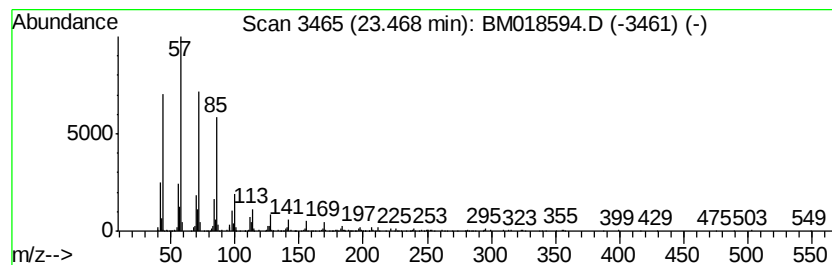
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	4.86 ng	967112	Perylene-d12	23.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonacosane	408	C29H60	000630-03-5	91
2			Docosane	310	C22H46	000629-97-0	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	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\BM011619\
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Operator : JU/SJ
Sample : K1147-25
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

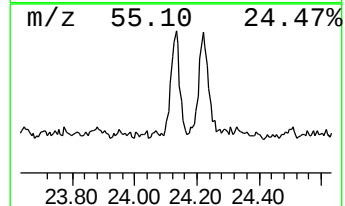
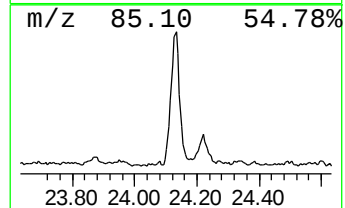
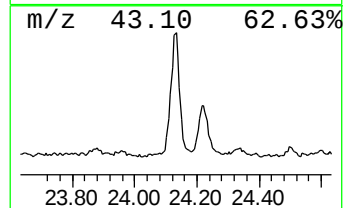
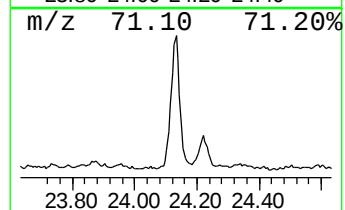
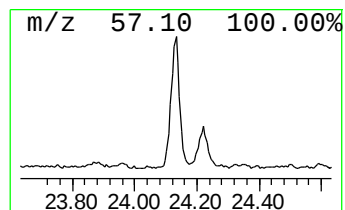
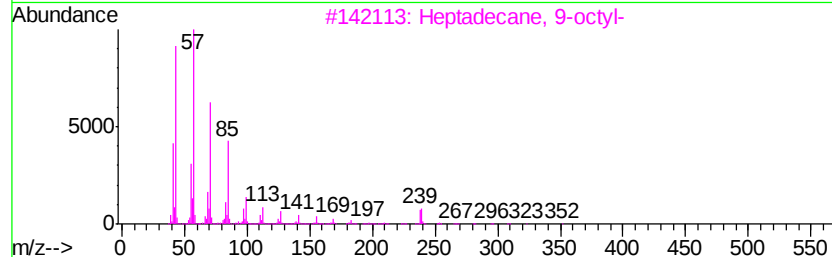
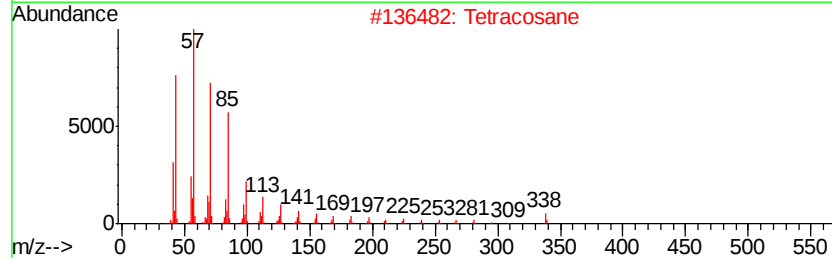
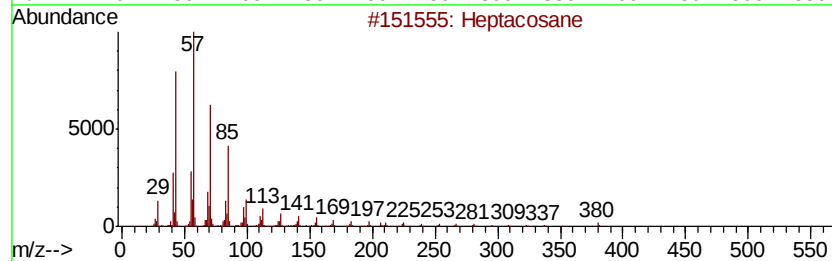
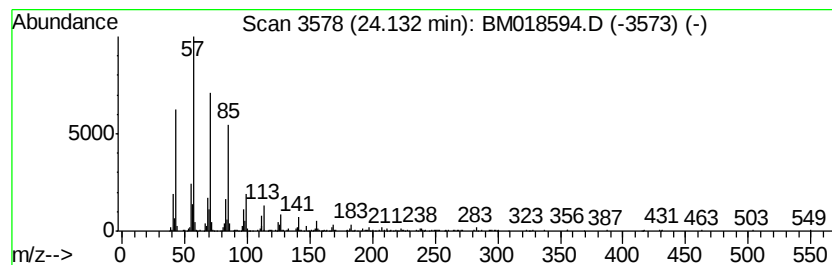
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetracosane, 11-decyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	3.91 ng	778821	Perylene-d12	23.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	90
2			Tetracosane	338	C24H50	000646-31-1	90
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
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 Operator : JU/SJ
 Sample : K1147-25
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9

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	3.0	ng	331639	1	7.75	2250360	20.0
2-Pentanone, 4-hy...	4.89	4.0	ng	448131	1	7.75	2250360	20.0
unknown7.29	7.29	101.7	ng	11447700	1	7.75	2250360	20.0
n-Hexadecanoic acid	18.03	10.8	ng	2828970	4	17.14	5223800	20.0
Bis(2-ethylhexyl)...	19.22	3.8	ng	981773	4	17.14	5223800	20.0
Octadecanoic acid	19.32	2.4	ng	596090	5	21.34	4947530	20.0
5-Eicosene, (E)-	21.03	10.9	ng	2683790	5	21.34	4947530	20.0
Heneicosane	21.47	2.5	ng	619022	5	21.34	4947530	20.0
Heptacosane	21.91	3.6	ng	888714	5	21.34	4947530	20.0
triacontane	22.38	3.9	ng	966497	5	21.34	4947530	20.0
2,6,10,14,18,22-T...	22.51	4.0	ng	794261	6	23.61	3983310	20.0
Tetracosane	22.90	4.9	ng	977397	6	23.61	3983310	20.0
Nonacosane	23.47	4.9	ng	967112	6	23.61	3983310	20.0
Tetracosane, 11-d...	24.13	3.9	ng	778821	6	23.61	3983310	20.0