

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018621.D
 Acq On : 17 Jan 2019 19:22
 Operator : JU/SJ
 Sample : K1139-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-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	4.475	231	236	244	rVB	165920	231995	1.45%	0.181%
2	4.881	300	305	312	rBV	449892	659105	4.13%	0.514%
3	5.334	375	382	388	rBV	6756340	9626891	60.37%	7.503%
4	6.922	639	652	665	rBV	6660716	10971601	68.80%	8.551%
5	7.275	704	712	720	rBV	7506505	11850937	74.32%	9.236%
6	7.739	785	791	797	rBV	1555617	2351466	14.75%	1.833%
7	8.057	837	845	854	rVB	6080308	9557507	59.93%	7.449%
8	8.910	981	990	1002	rBV	4643459	7646647	47.95%	5.960%
9	10.527	1259	1265	1271	rBV	1918290	3178695	19.93%	2.477%
10	13.004	1673	1686	1693	rBV	10583846	15872315	99.53%	12.371%
11	13.845	1823	1829	1836	rBV	2638038	3679130	23.07%	2.867%
12	14.268	1893	1901	1909	rVB4	101736	204390	1.28%	0.159%
13	14.386	1912	1921	1928	rBV2	2785295	4301323	26.97%	3.352%
14	15.880	2167	2175	2196	rVB	6840065	10187433	63.88%	7.940%
15	17.139	2383	2389	2394	rBV	3294944	4711095	29.54%	3.672%
16	17.180	2394	2396	2401	rVB	167515	185884	1.17%	0.145%
17	18.027	2533	2540	2544	rBV2	1449693	2120947	13.30%	1.653%
18	18.933	2690	2694	2700	rBV2	176862	289406	1.81%	0.226%
19	19.198	2735	2739	2745	rVB	262289	384792	2.41%	0.300%
20	19.309	2754	2758	2768	rBV2	482146	702833	4.41%	0.548%
21	19.568	2798	2802	2809	rVB2	179934	295781	1.85%	0.231%
22	19.768	2831	2836	2846	rVB	12606648	15946857	100.00%	12.429%
23	21.027	3047	3050	3054	rBV	440338	476916	2.99%	0.372%
24	21.333	3096	3102	3106	rBV	3164331	4251117	26.66%	3.313%
25	22.374	3276	3279	3287	rVB	389898	526664	3.30%	0.410%
26	22.886	3362	3366	3377	rBV2	562161	1008703	6.33%	0.786%
27	23.462	3459	3464	3477	rVB2	726819	1384878	8.68%	1.079%
28	23.603	3482	3488	3504	rVB	1900892	3734489	23.42%	2.911%
29	24.121	3571	3576	3586	rVB	601477	1222590	7.67%	0.953%
30	24.879	3701	3705	3713	rVB2	366388	743194	4.66%	0.579%

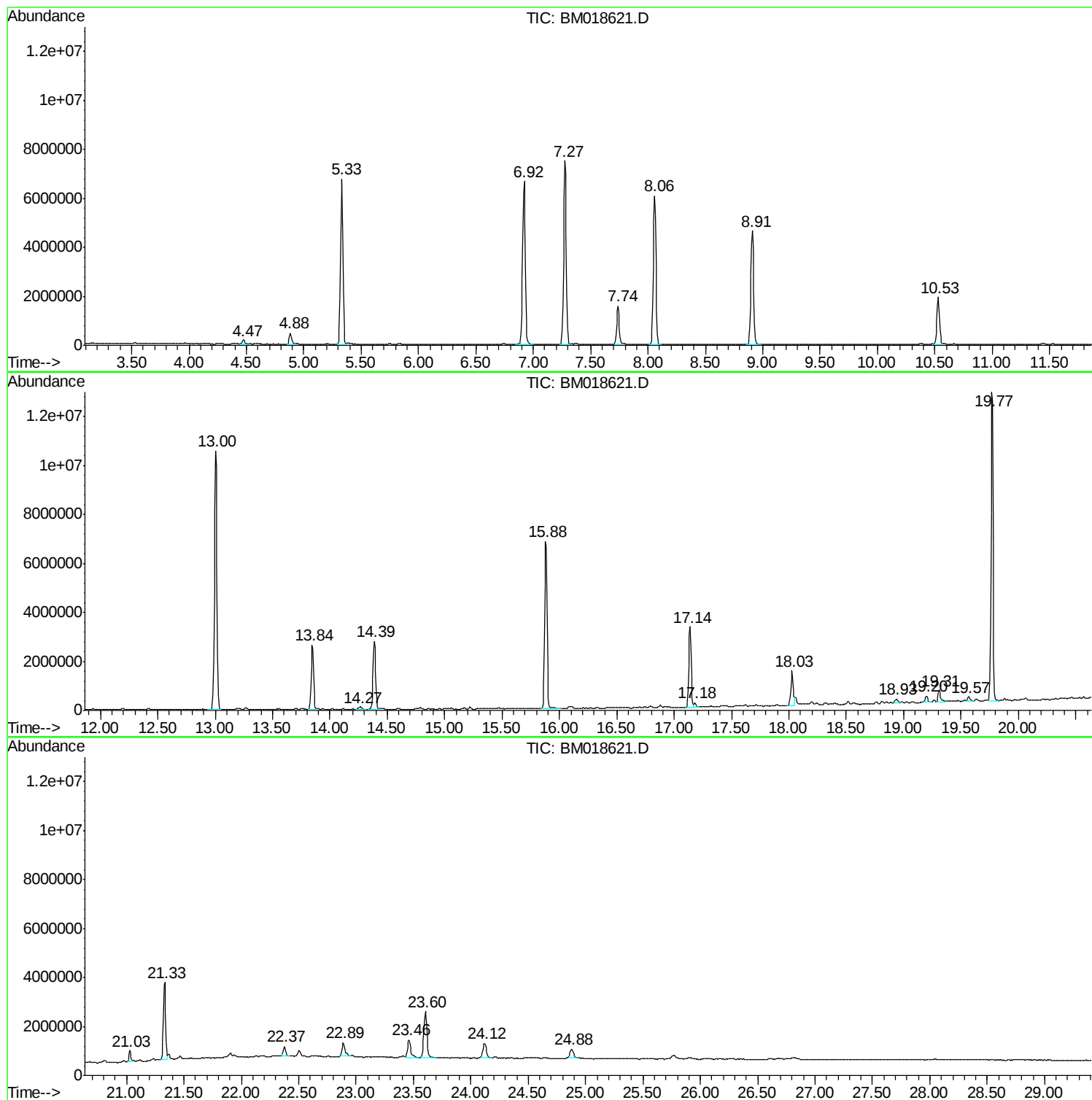
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BNA_M
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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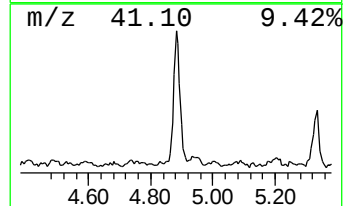
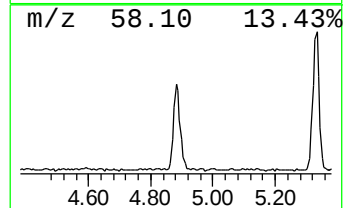
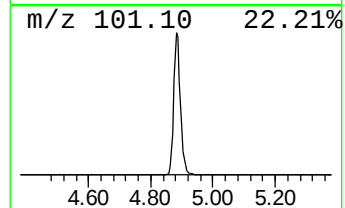
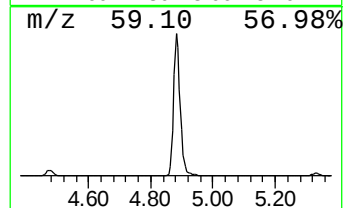
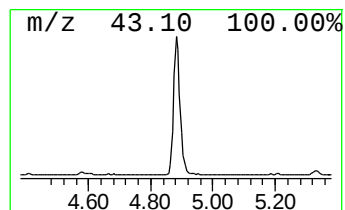
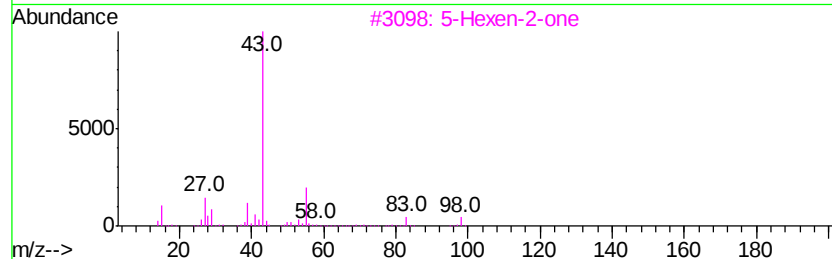
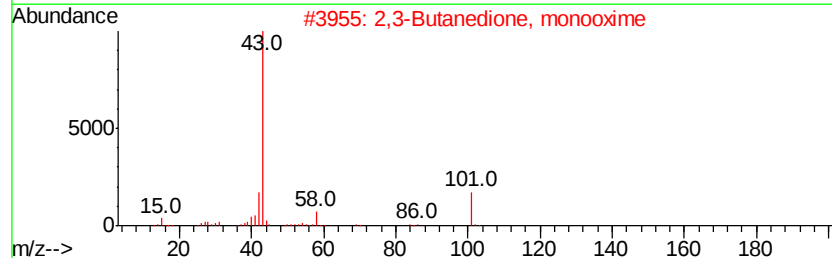
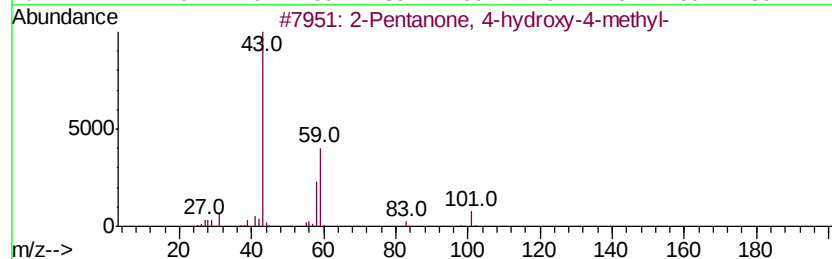
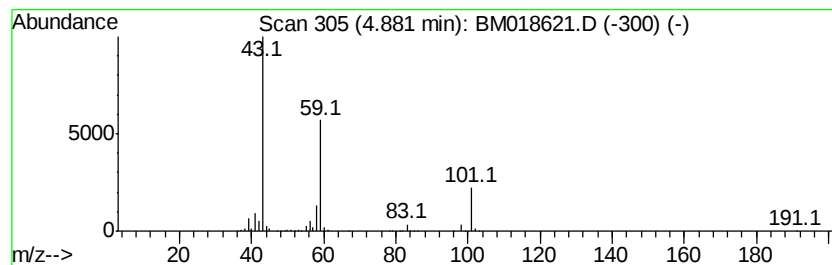
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	5.61 ng	659105	1,4-Dichlorobenzene-d4	7.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35		
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		
5	Butane	58	C4H10	000106-97-8	9		



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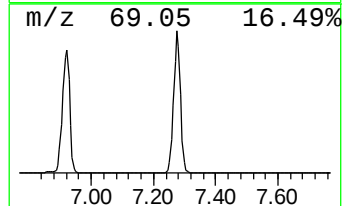
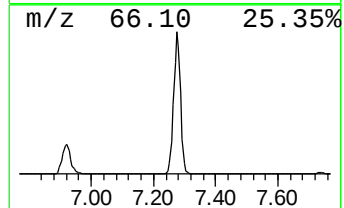
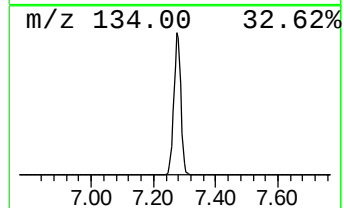
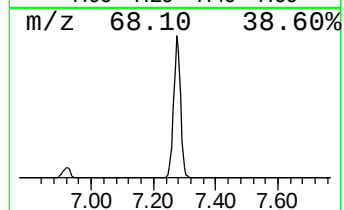
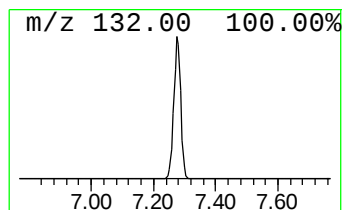
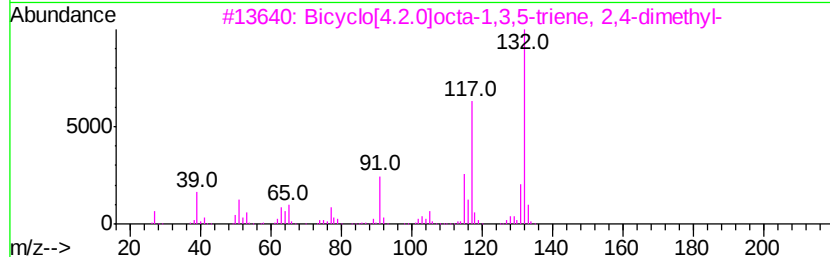
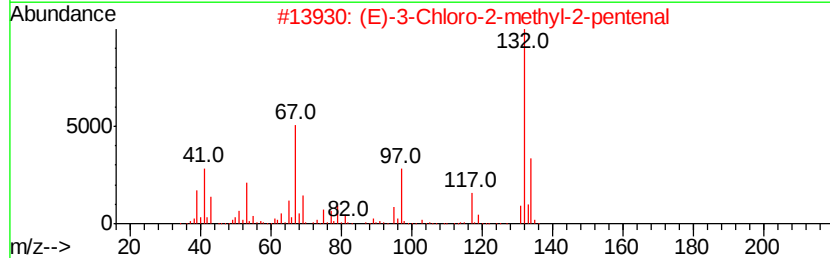
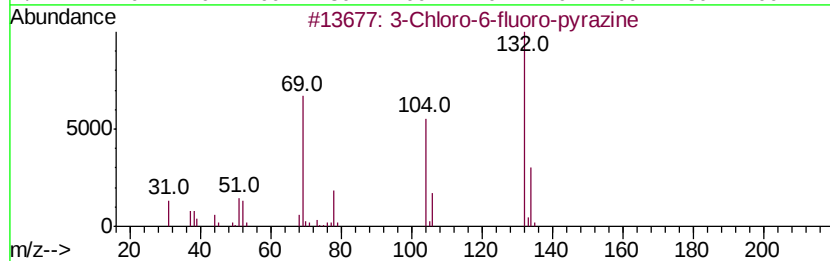
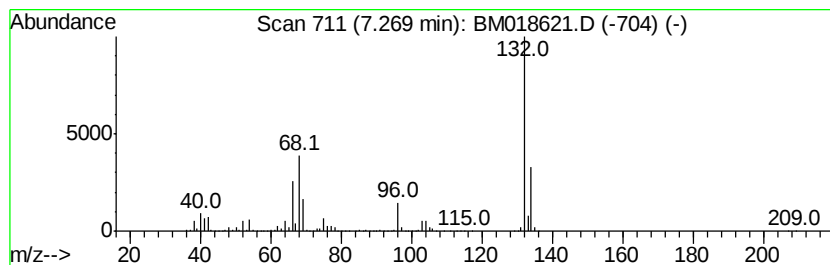
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Peak Number 2 unknown7.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	100.80 ng	11850900	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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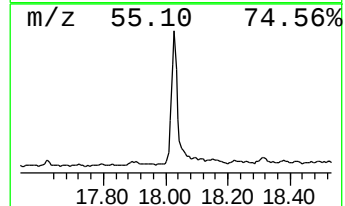
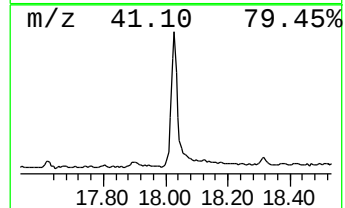
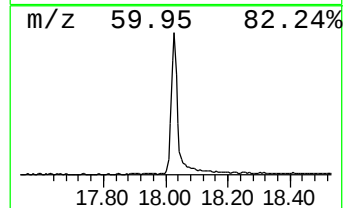
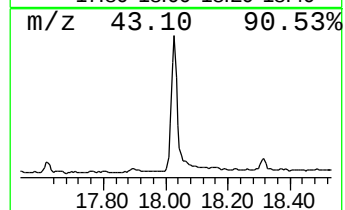
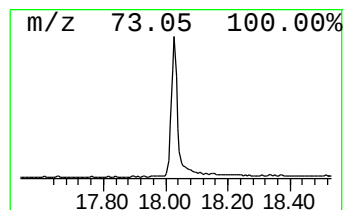
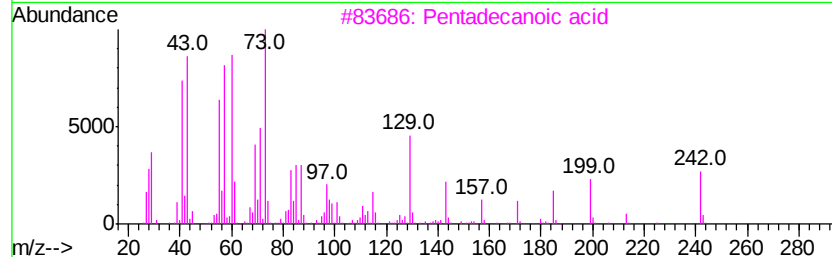
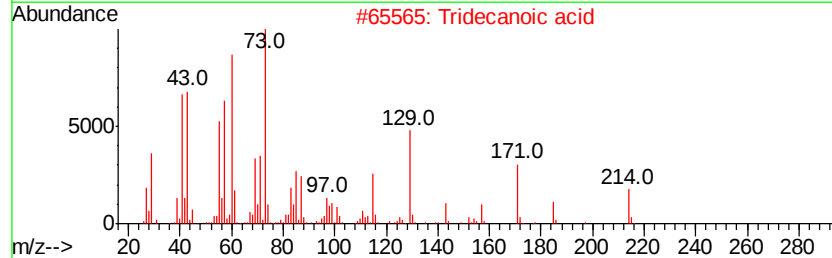
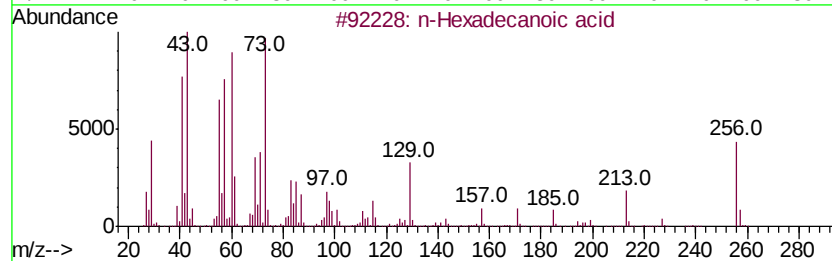
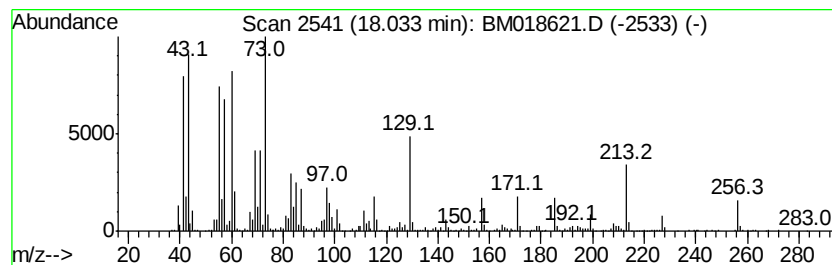
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	9.00 ng	2120950	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Undecanoic acid	186	C11H22O2	000112-37-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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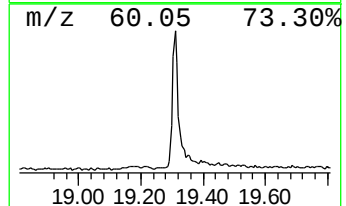
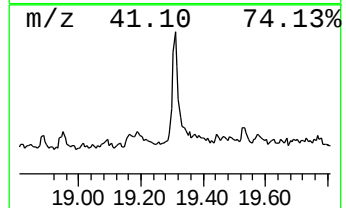
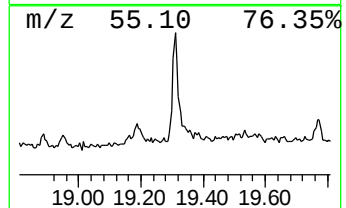
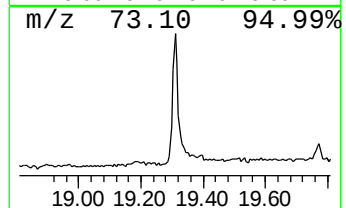
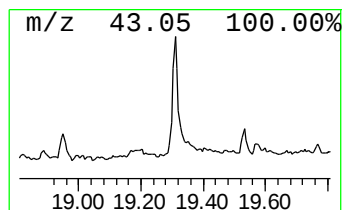
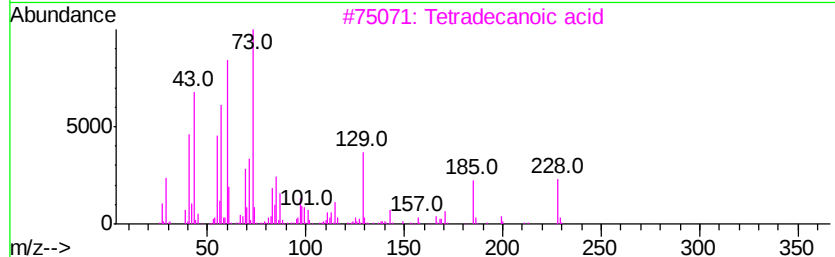
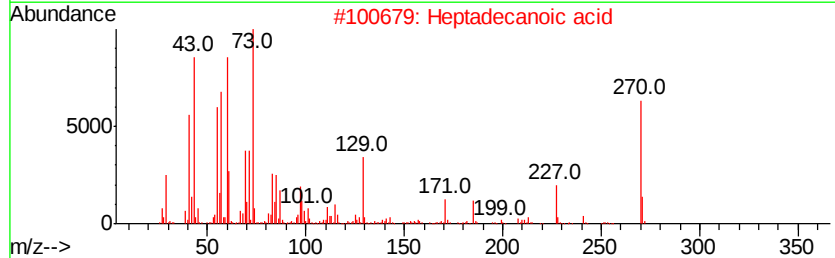
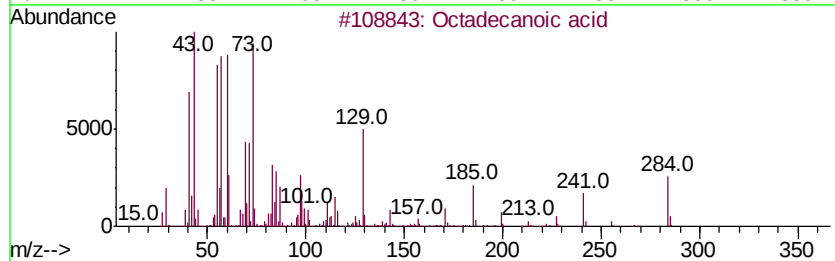
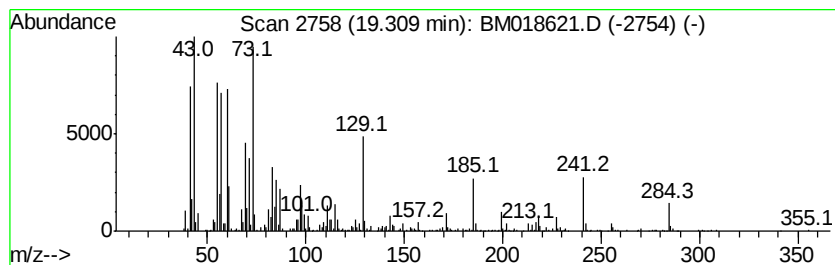
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Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	3.31 ng	702833	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Heptadecanoic acid	270	C17H34O2	000506-12-7	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	64
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62



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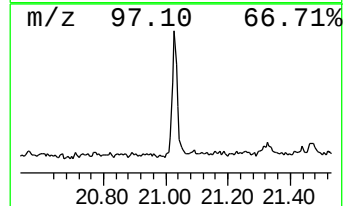
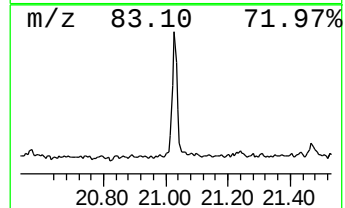
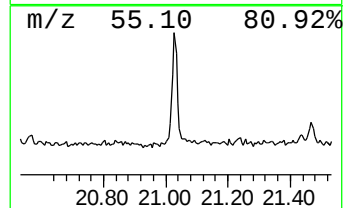
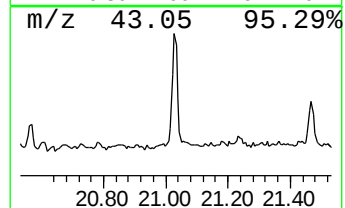
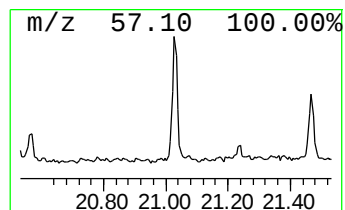
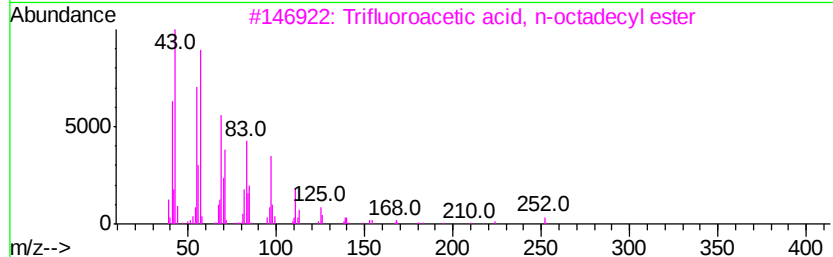
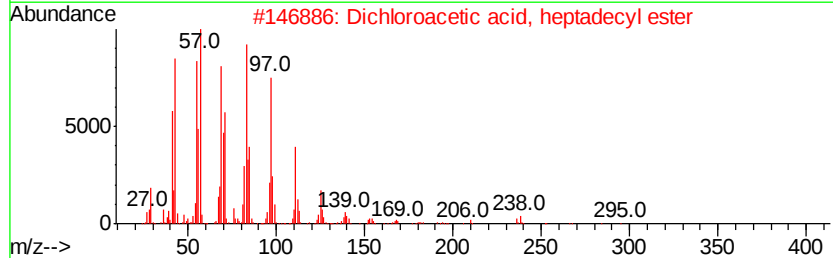
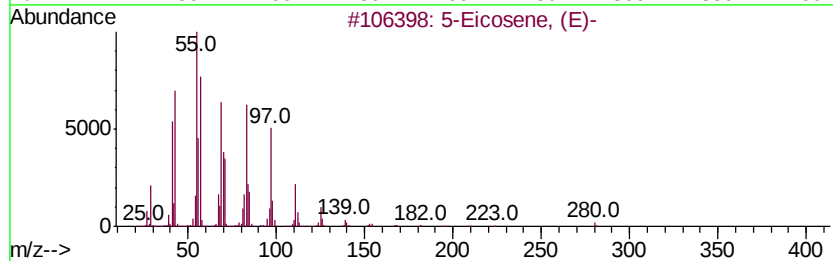
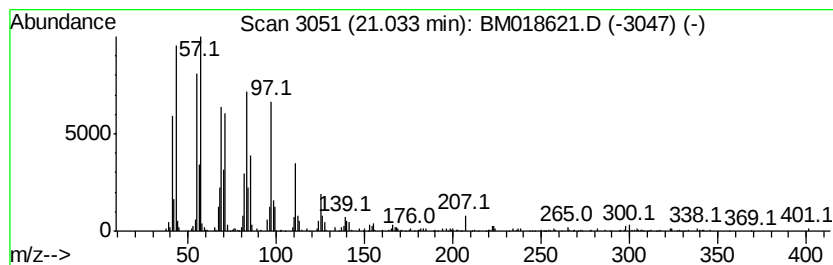
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Peak Number 6 5-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.24 ng	476916	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	90
4		Cyclotetracosane	336	C24H48	000297-03-0	87
5		1-Nonadecene	266	C19H38	018435-45-5	74



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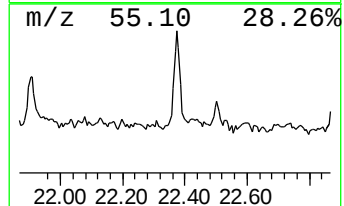
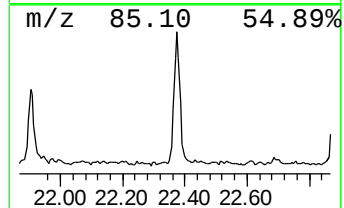
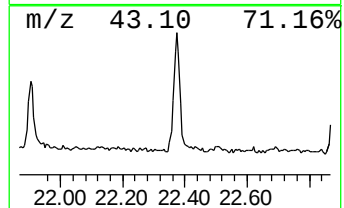
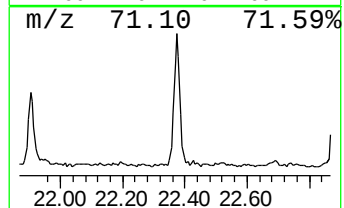
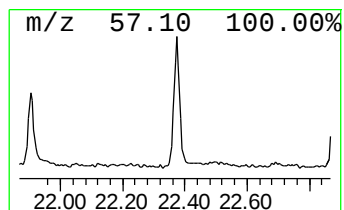
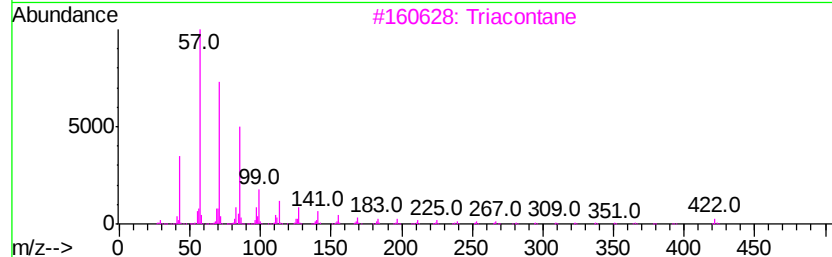
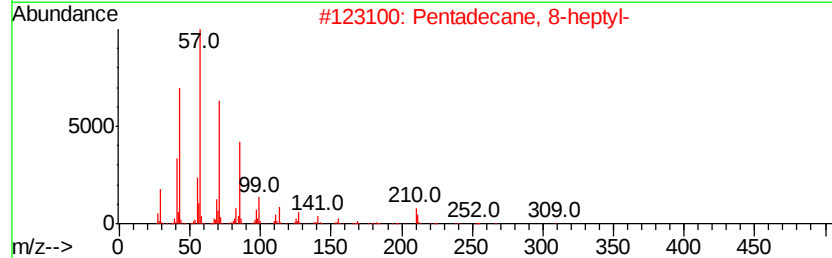
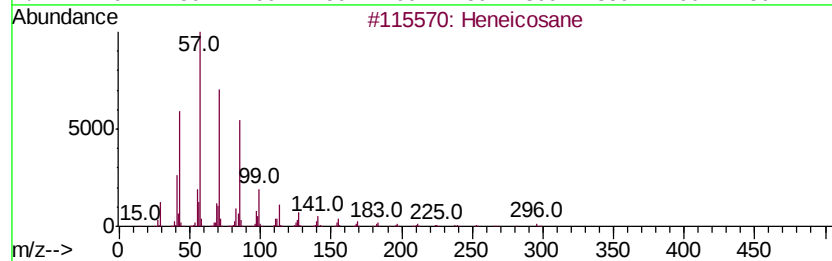
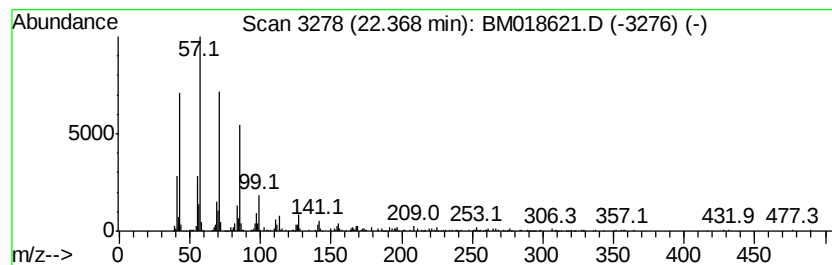
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	2.48 ng	526664	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018621.D
Acq On : 17 Jan 2019 19:22
Operator : JU/SJ
Sample : K1139-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

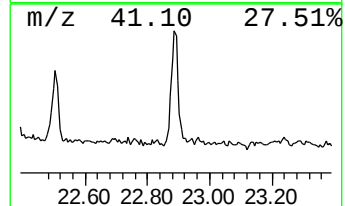
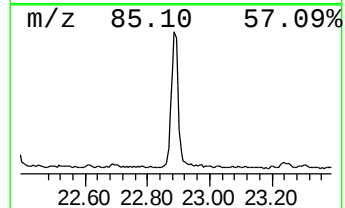
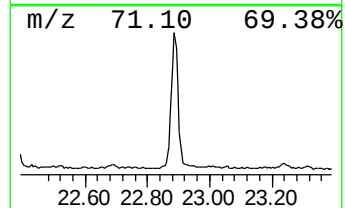
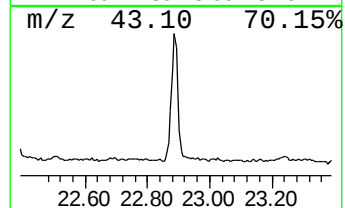
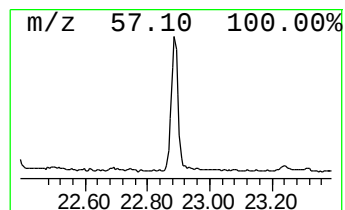
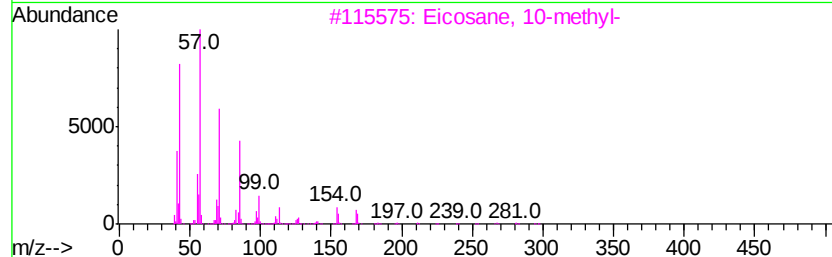
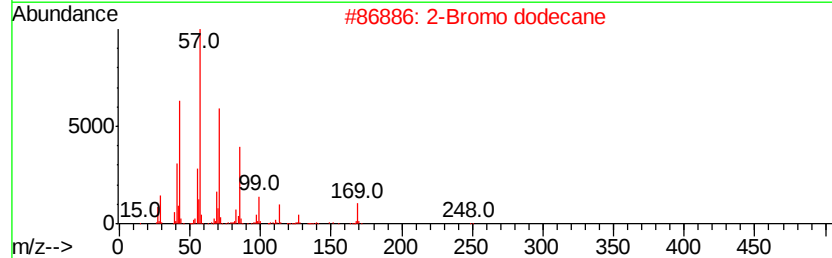
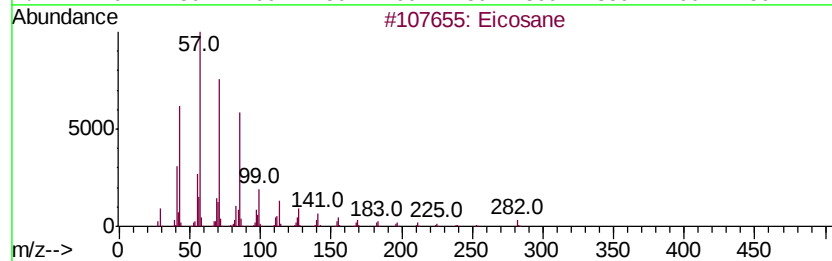
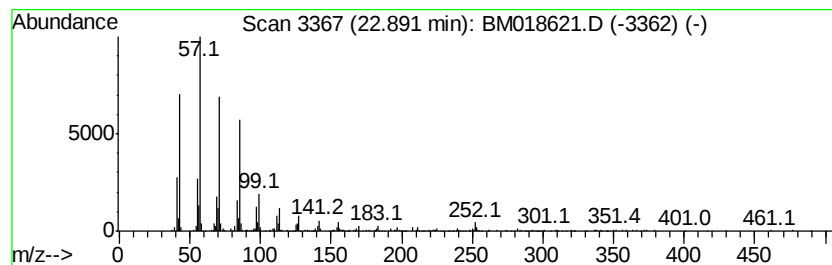
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ClientSampleId :
S-9

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 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	5.40 ng	1008700	Perylene-d12	23.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	96
2	2-Bromo dodecane	248 C12H25Br	013187-99-0	94
3	Eicosane, 10-methyl-	296 C21H44	054833-23-7	93
4	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	91
5	Octacosane	394 C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018621.D
Acq On : 17 Jan 2019 19:22
Operator : JU/SJ
Sample : K1139-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-9

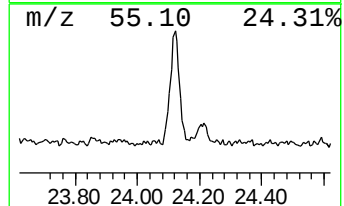
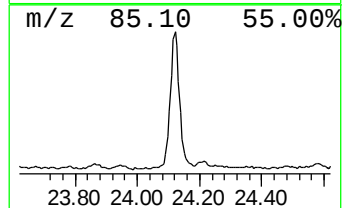
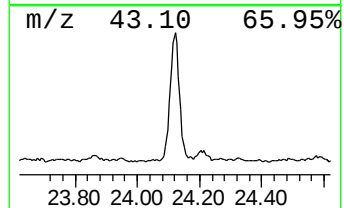
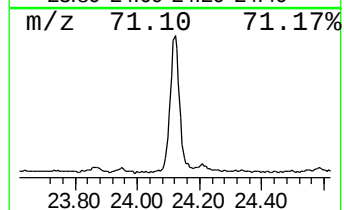
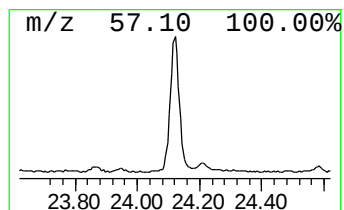
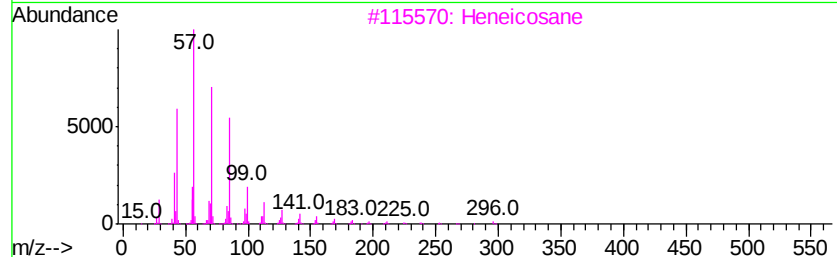
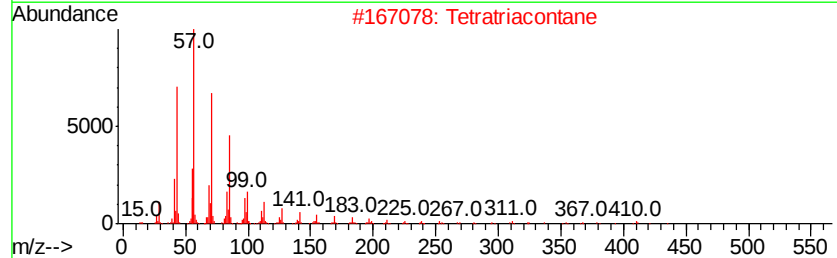
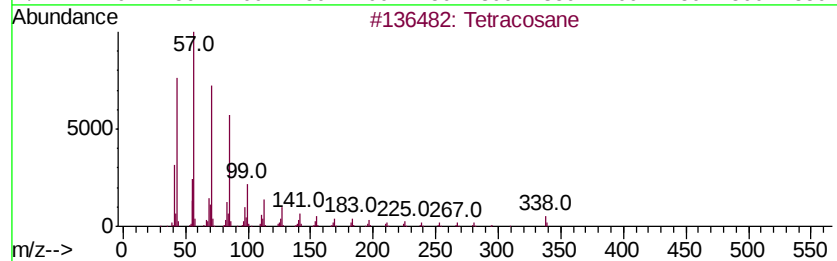
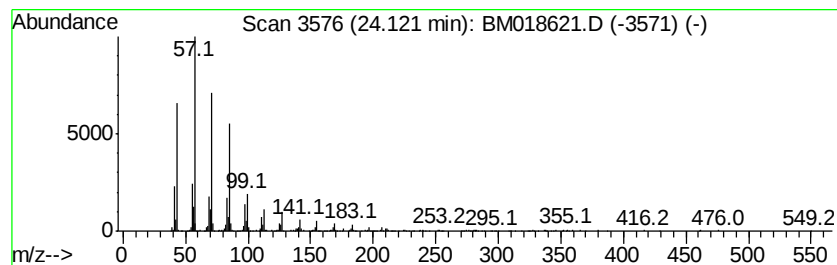
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	6.55 ng	1222590	Perylene-d12	23.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	94
2			Tetratriacontane	479	C34H70	014167-59-0	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018621.D
Acq On : 17 Jan 2019 19:22
Operator : JU/SJ
Sample : K1139-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-9

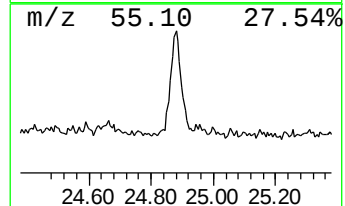
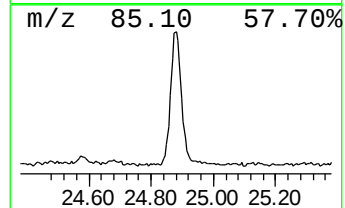
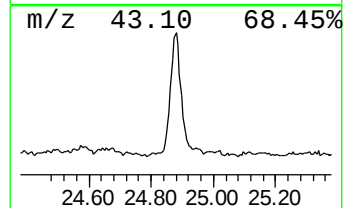
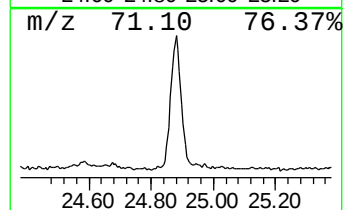
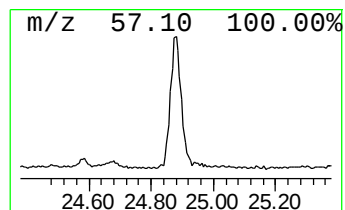
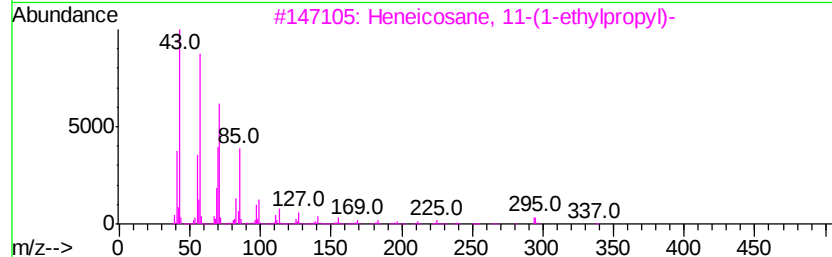
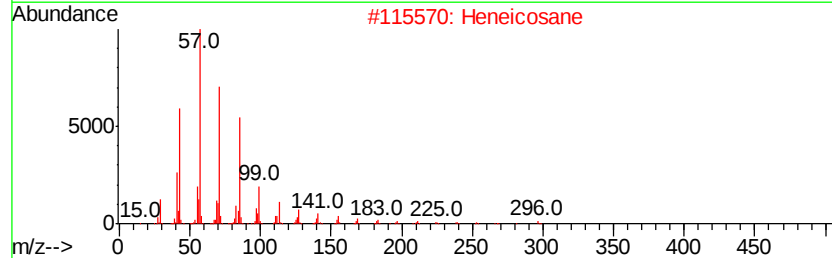
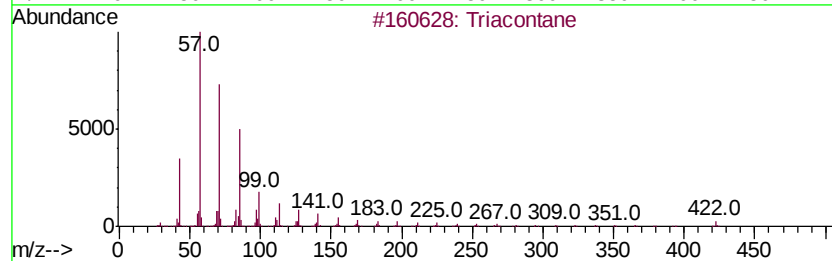
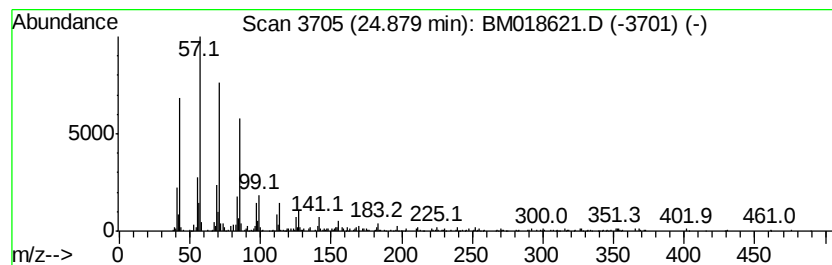
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	3.98 ng	743194	Perylene-d12	23.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5			Docosane, 7-hexyl-	394	C28H58	055373-86-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011719\
Data File : BM018621.D
Acq On : 17 Jan 2019 19:22
Operator : JU/SJ
Sample : K1139-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-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
2-Pentanone, 4-hy...	4.88	5.6	ng	659105	1	7.74	2351470	20.0
unknown7.27	7.27	100.8	ng	11850900	1	7.74	2351470	20.0
n-Hexadecanoic acid	18.03	9.0	ng	2120950	4	17.14	4711100	20.0
Octadecanoic acid	19.31	3.3	ng	702833	5	21.33	4251120	20.0
5-Eicosene, (E)-	21.03	2.2	ng	476916	5	21.33	4251120	20.0
Heneicosane	22.37	2.5	ng	526664	5	21.33	4251120	20.0
Eicosane	22.89	5.4	ng	1008700	6	23.60	3734490	20.0
Tetracosane	24.12	6.5	ng	1222590	6	23.60	3734490	20.0
Triacontane	24.88	4.0	ng	743194	6	23.60	3734490	20.0