

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018646.D
 Acq On : 18 Jan 2019 20:36
 Operator : JU/SJ
 Sample : K1189-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR200034

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	4.881	300	305	312	rVB	206229	296158	2.60%	0.362%
2	5.328	374	381	395	rBV	4352299	6099610	53.46%	7.457%
3	6.910	643	650	667	rBV	4058206	6403517	56.13%	7.829%
4	7.269	703	711	726	rBV	4473444	6997438	61.33%	8.555%
5	7.734	784	790	798	rBV	862382	1339099	11.74%	1.637%
6	8.051	836	844	853	rBV	3404128	5440920	47.69%	6.652%
7	8.904	980	989	999	rBV	2395608	4080908	35.77%	4.989%
8	10.522	1256	1264	1272	rBV	1005198	1710362	14.99%	2.091%
9	12.998	1678	1685	1700	rBV	5558940	8327322	72.99%	10.181%
10	13.845	1823	1829	1837	rBV	391212	595919	5.22%	0.729%
11	14.263	1891	1900	1908	rBV4	49938	140546	1.23%	0.172%
12	14.380	1914	1920	1928	rBV2	1339635	2128740	18.66%	2.602%
13	15.880	2168	2175	2195	rBV	4702260	6943739	60.86%	8.489%
14	17.133	2382	2388	2393	rBV2	1758316	2534052	22.21%	3.098%
15	17.174	2393	2395	2401	rVB	147204	184435	1.62%	0.225%
16	18.021	2533	2539	2550	rBV	934918	1521408	13.33%	1.860%
17	19.198	2734	2739	2744	rVB	183311	250836	2.20%	0.307%
18	19.304	2753	2757	2769	rBV	356252	587766	5.15%	0.719%
19	19.562	2797	2801	2807	rVB	140304	189712	1.66%	0.232%
20	19.768	2830	2836	2849	rVB	9352148	11409145	100.00%	13.948%
21	21.027	3045	3050	3060	rBV	1032399	1264462	11.08%	1.546%
22	21.327	3095	3101	3106	rBV	2541728	3235803	28.36%	3.956%
23	21.462	3121	3124	3130	rBV	188728	210243	1.84%	0.257%
24	21.903	3195	3199	3208	rBV	315282	484550	4.25%	0.592%
25	22.368	3274	3278	3284	rBV	542887	741256	6.50%	0.906%
26	22.886	3361	3366	3370	rBV	761522	1144142	10.03%	1.399%
27	23.456	3458	3463	3478	rVB	955267	1735897	15.21%	2.122%
28	23.597	3481	3487	3502	rVB2	1606026	3158424	27.68%	3.861%
29	24.115	3569	3575	3584	rVB	855164	1605090	14.07%	1.962%
30	24.868	3698	3703	3711	rVB	488539	1035033	9.07%	1.265%

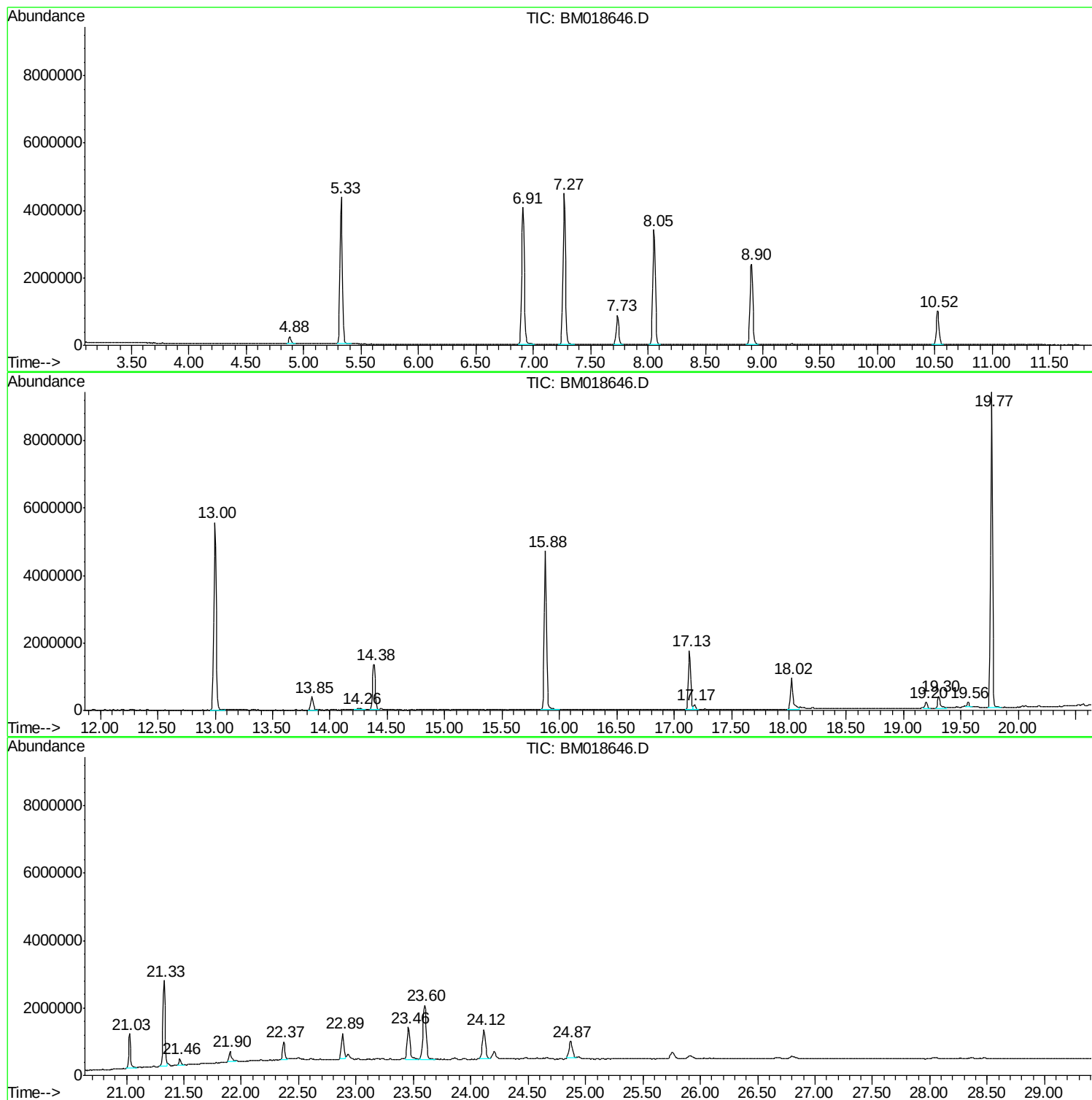
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BNA_M
ClientSampled :
RBR200034

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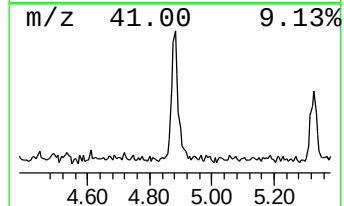
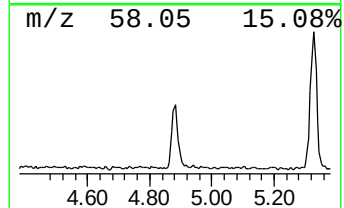
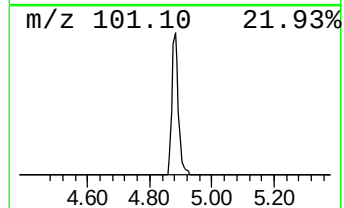
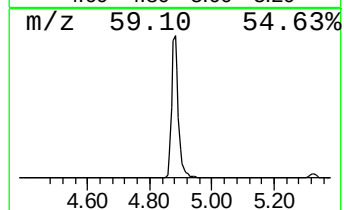
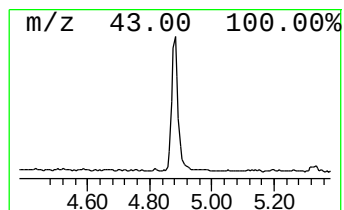
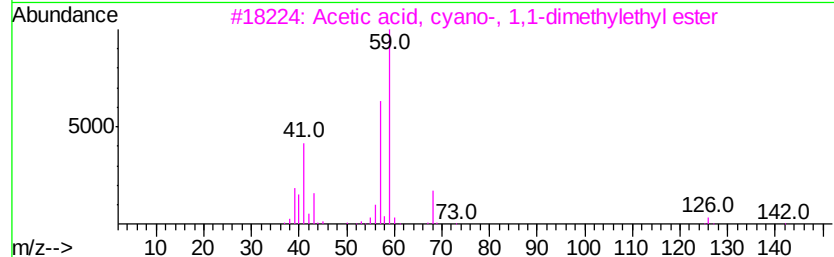
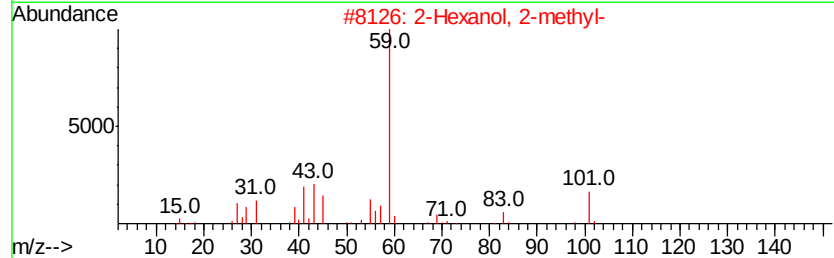
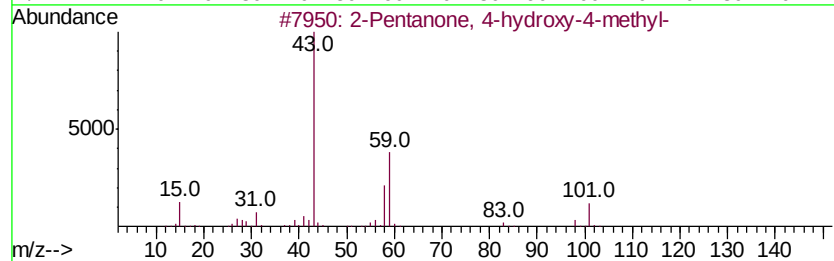
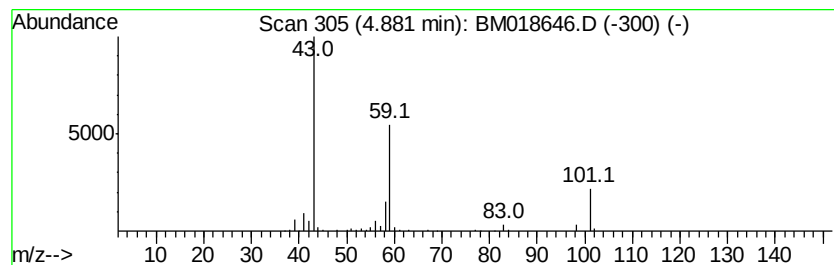
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	4.42 ng	296158	1,4-Dichlorobenzene-d4	7.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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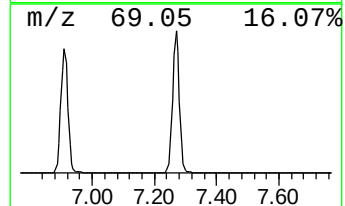
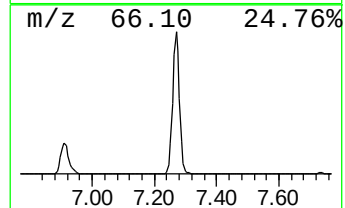
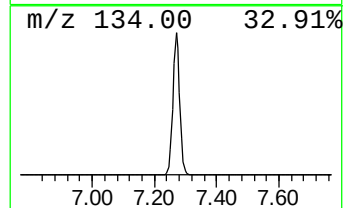
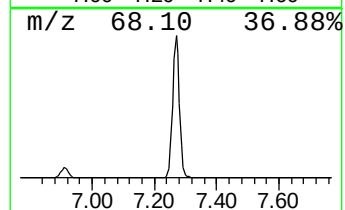
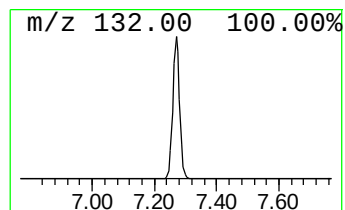
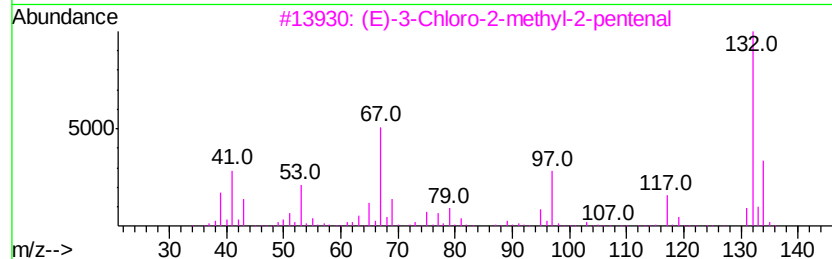
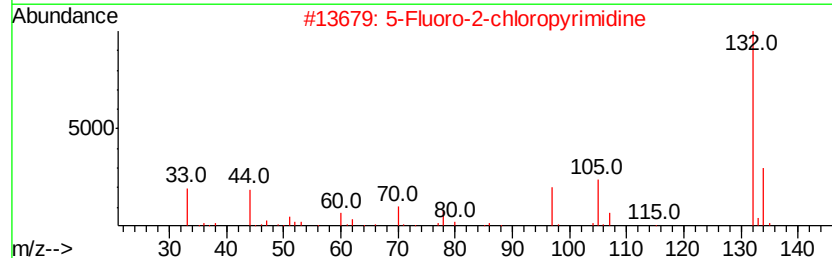
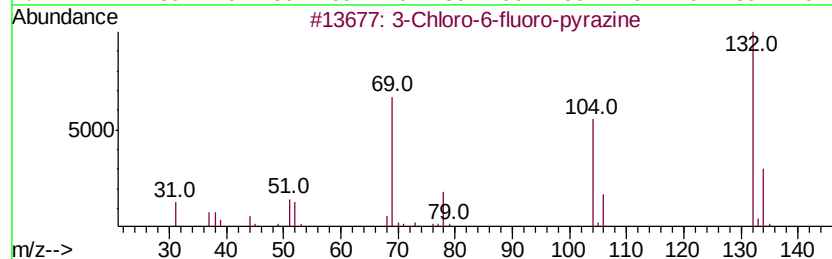
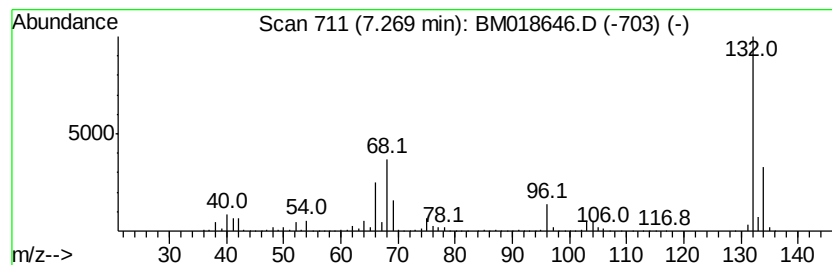
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Peak Number 2 unknown7.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	104.51 ng	6997440	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		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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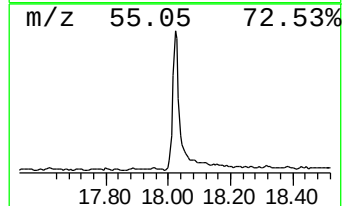
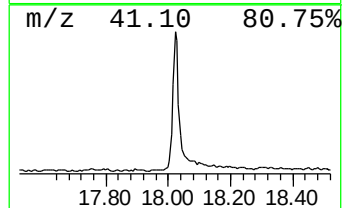
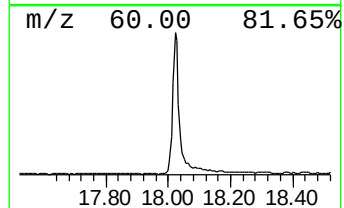
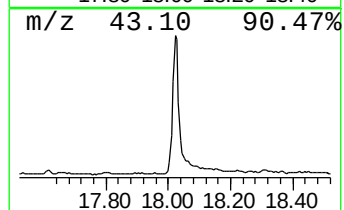
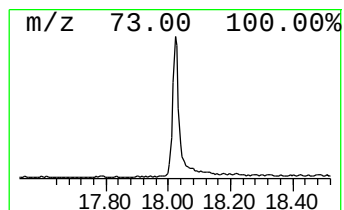
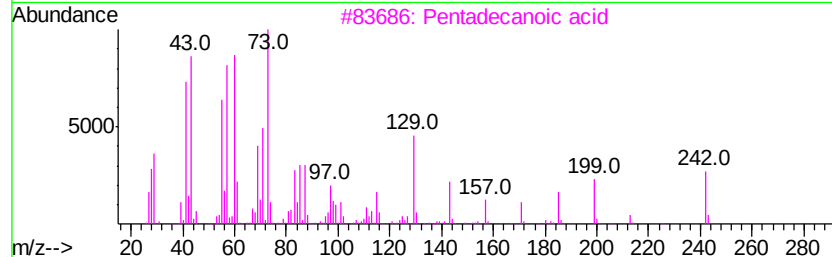
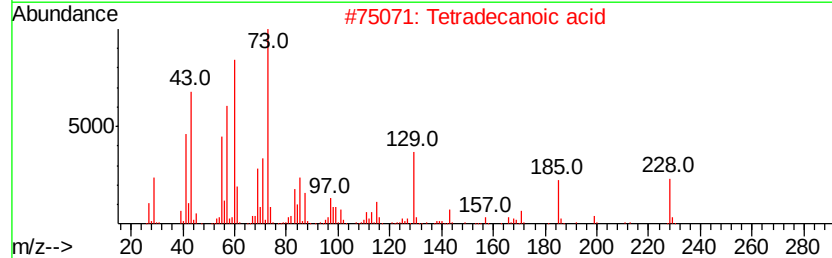
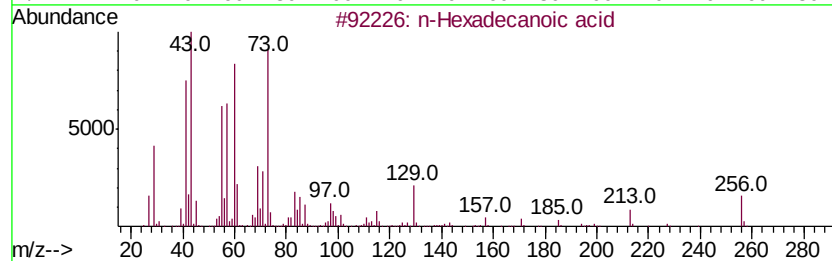
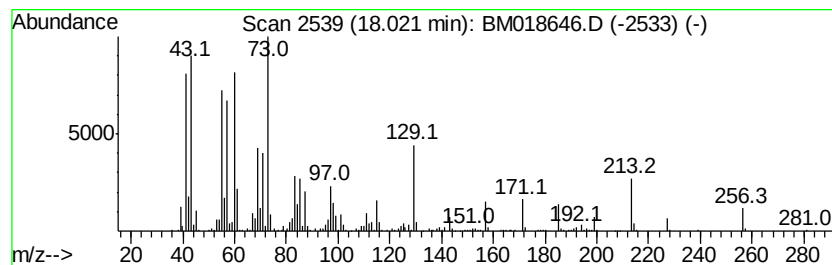
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	12.01 ng	1521410	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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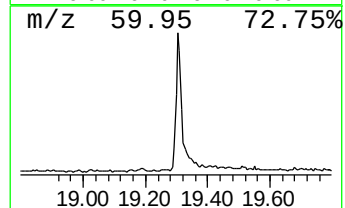
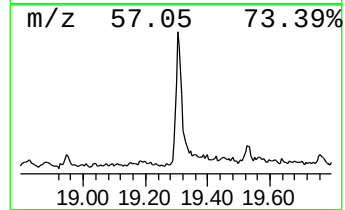
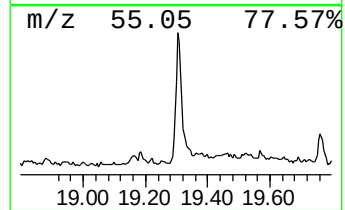
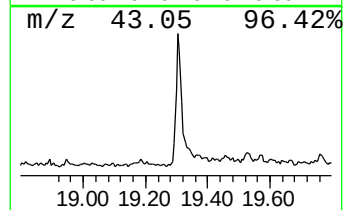
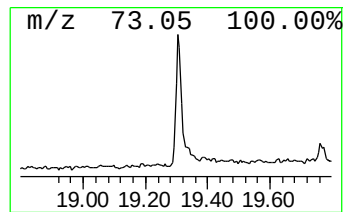
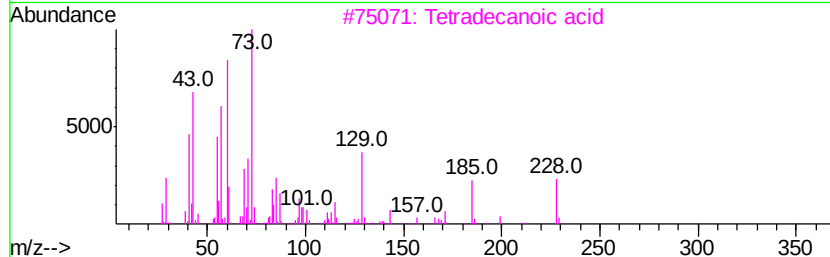
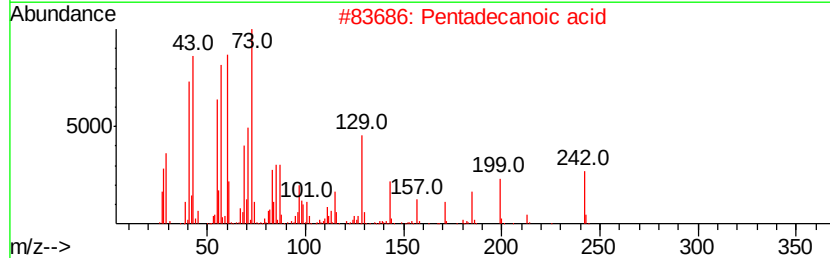
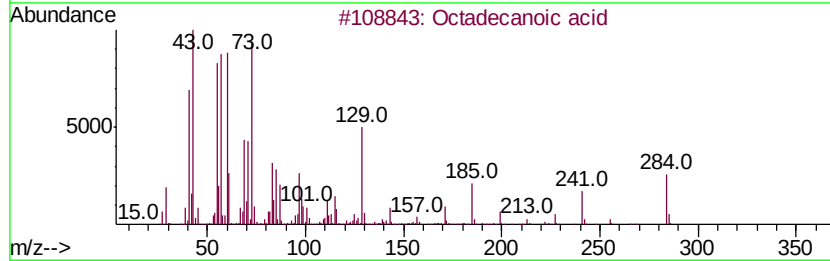
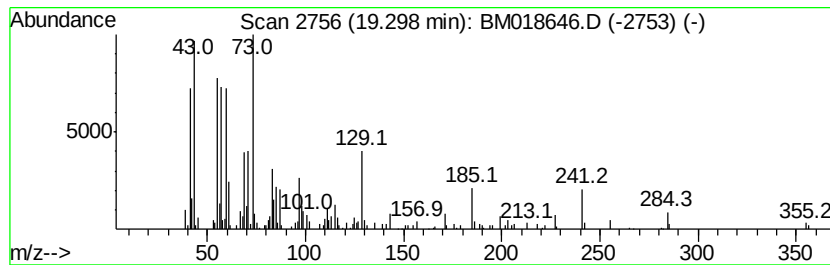
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Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.30	3.63 ng	587766	Chrysene-d12	21.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



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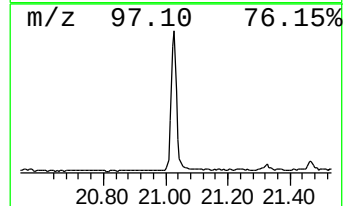
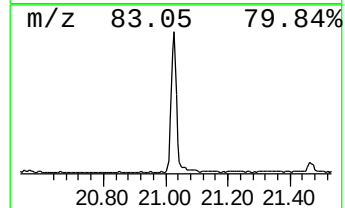
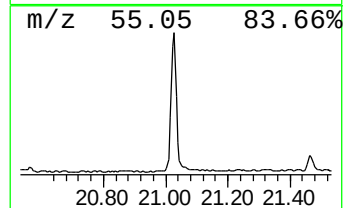
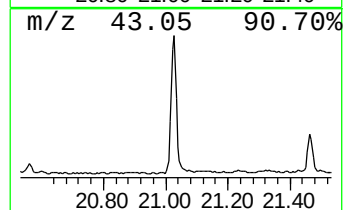
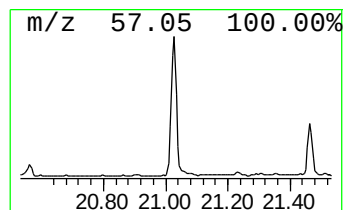
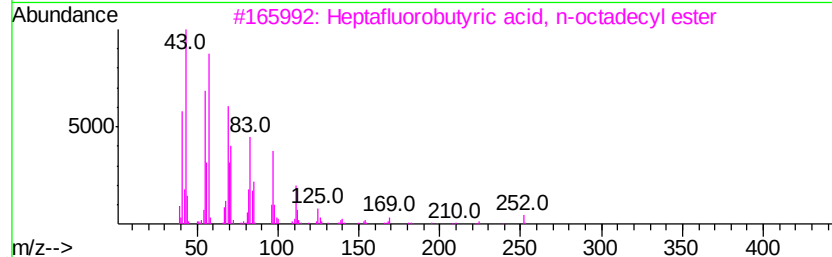
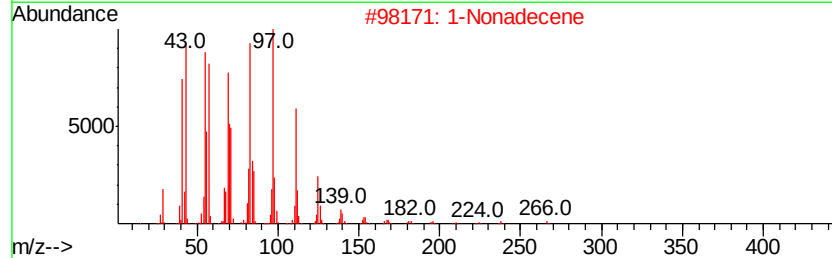
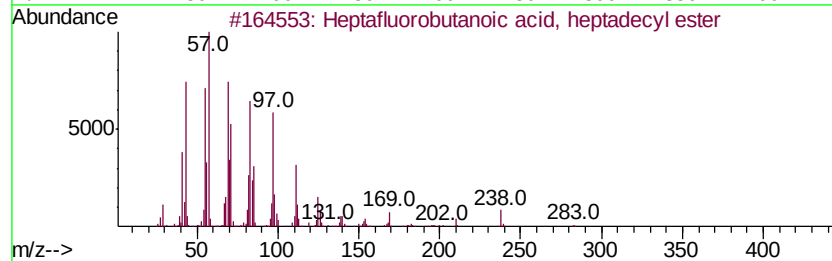
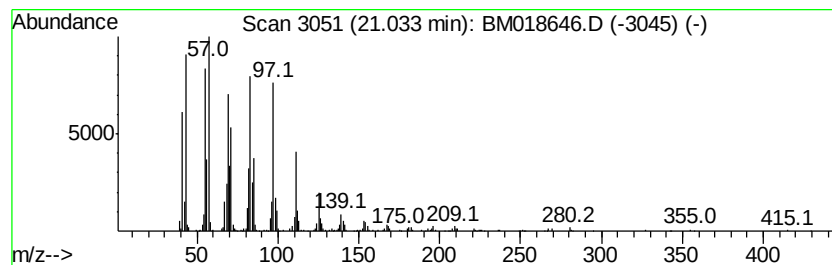
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Heptafluorobutanoic acid, h... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	7.82 ng	1264460	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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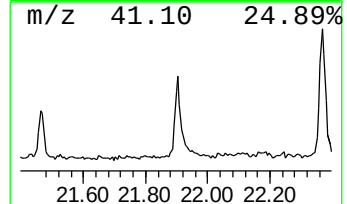
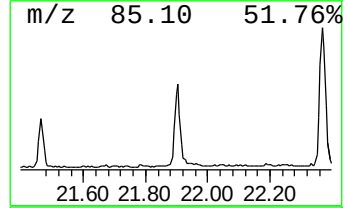
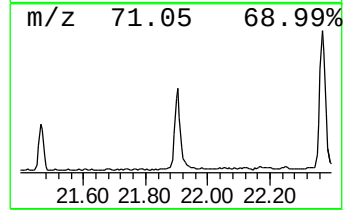
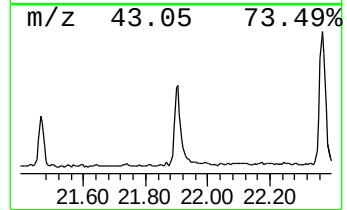
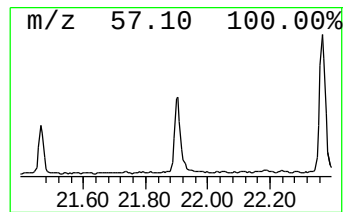
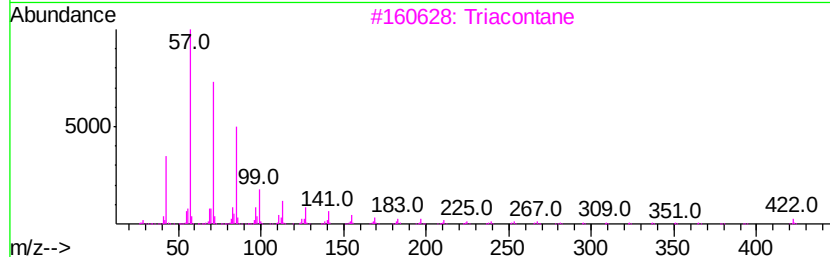
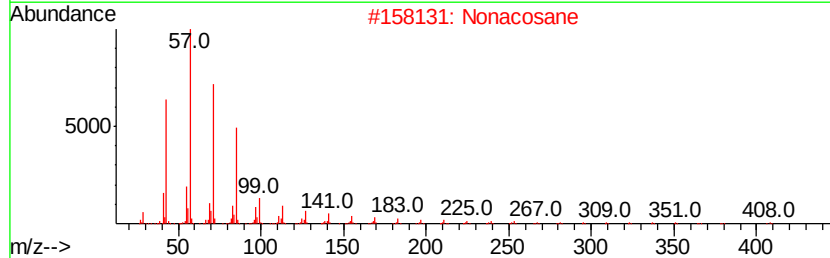
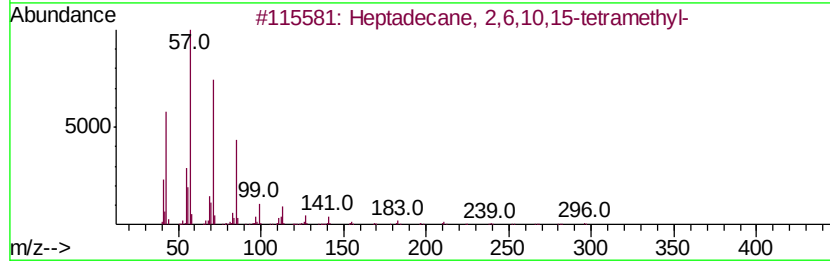
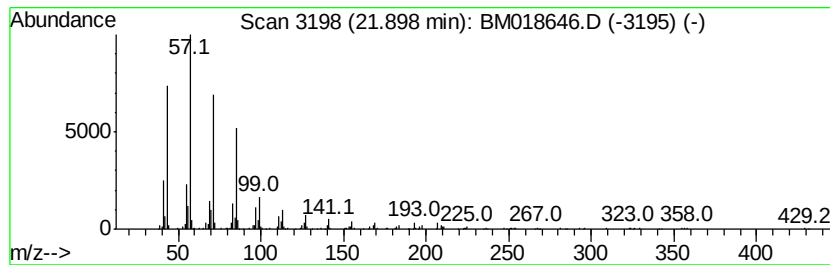
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.90	2.99 ng	484550	Chrysene-d12		21.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Nonacosane	408	C29H60	000630-03-5	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
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Acq On : 18 Jan 2019 20:36
Operator : JU/SJ
Sample : K1189-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

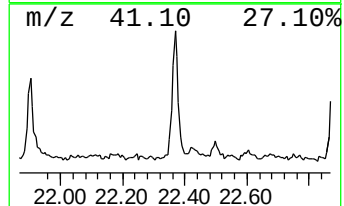
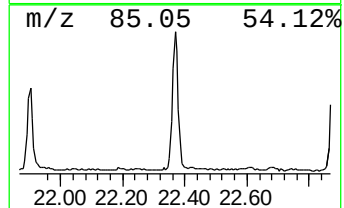
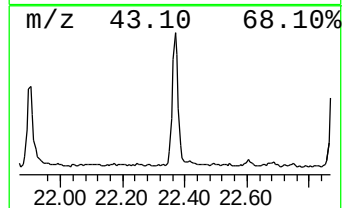
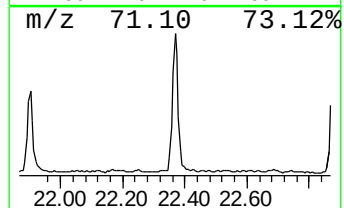
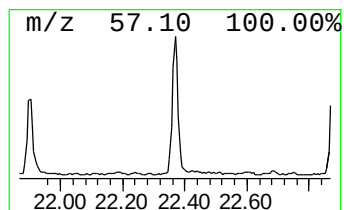
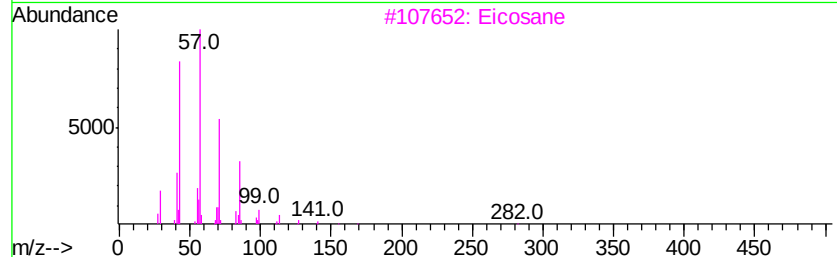
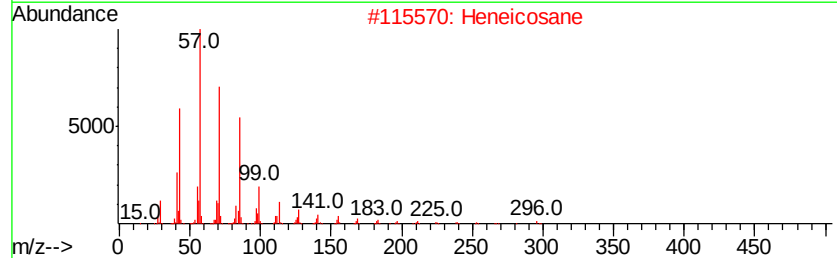
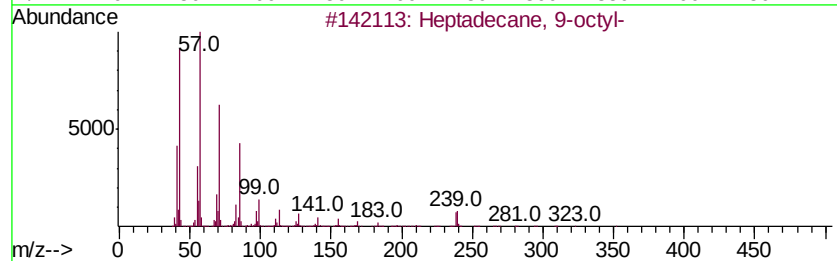
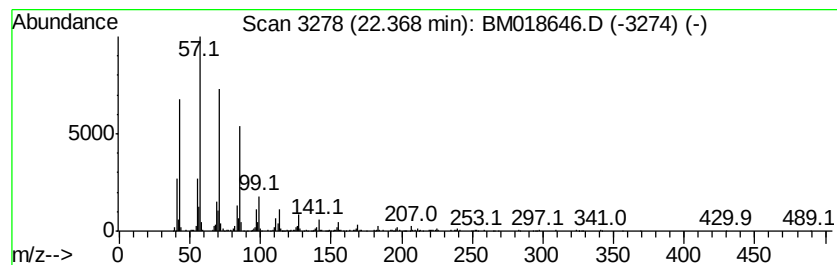
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.37	4.58 ng	741256	Chrysene-d12		21.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018646.D
Acq On : 18 Jan 2019 20:36
Operator : JU/SJ
Sample : K1189-01
Misc :
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Instrument :
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ClientSampleId :
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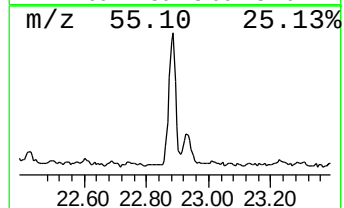
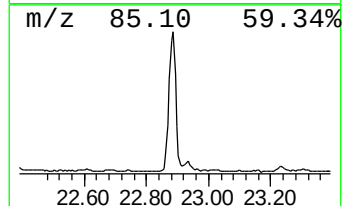
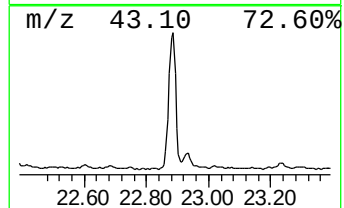
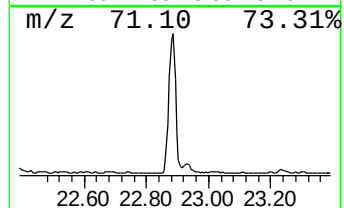
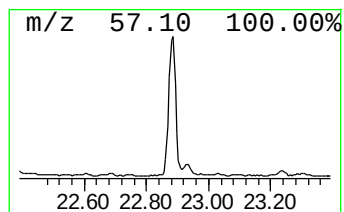
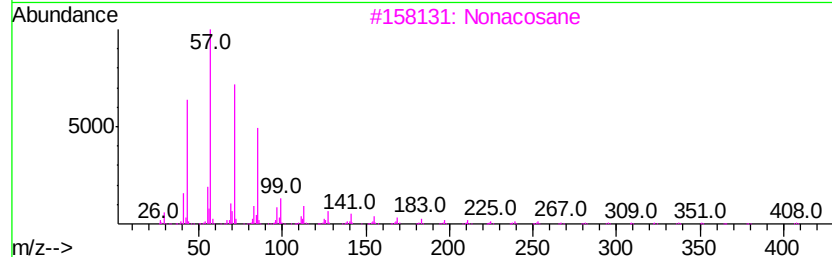
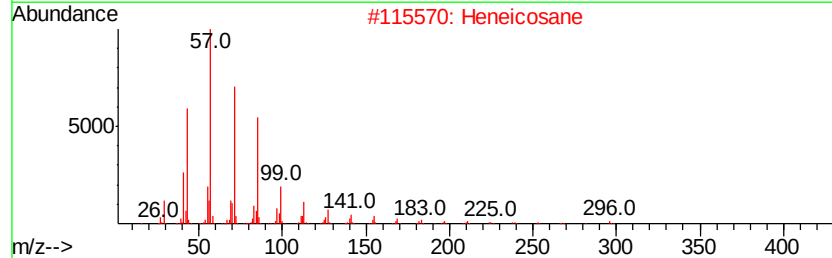
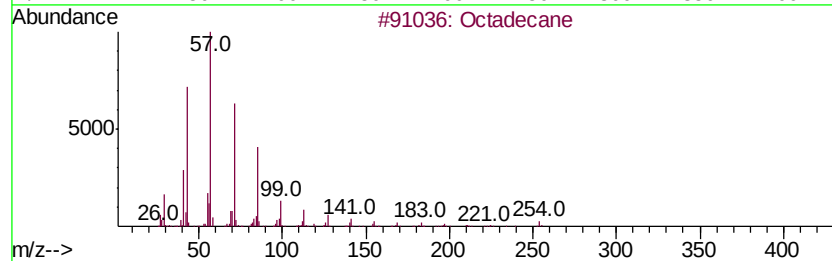
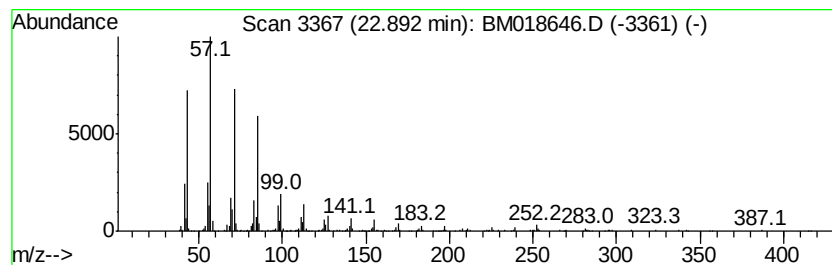
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	7.25 ng	1144140	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018646.D
Acq On : 18 Jan 2019 20:36
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Sample : K1189-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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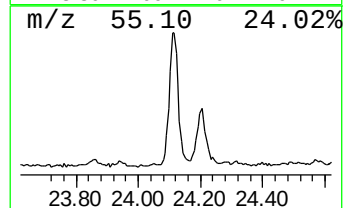
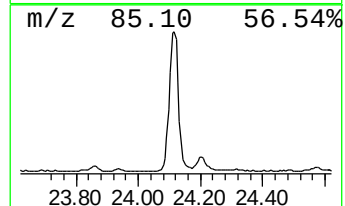
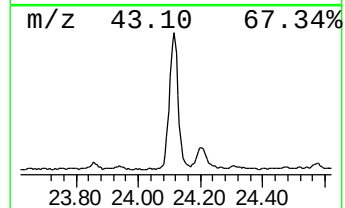
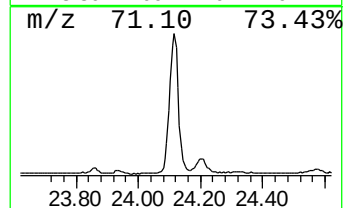
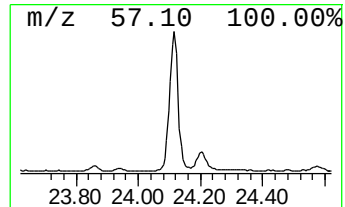
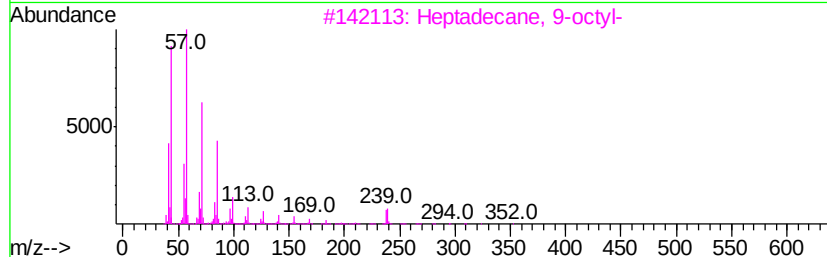
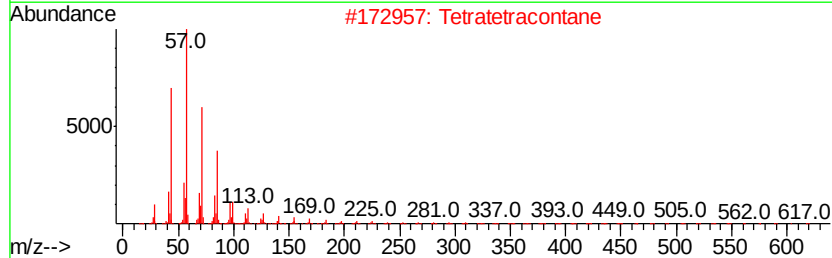
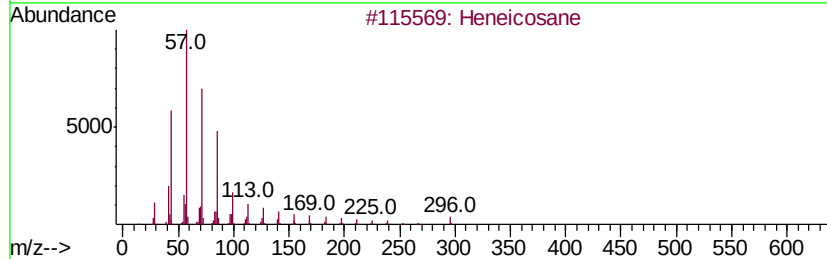
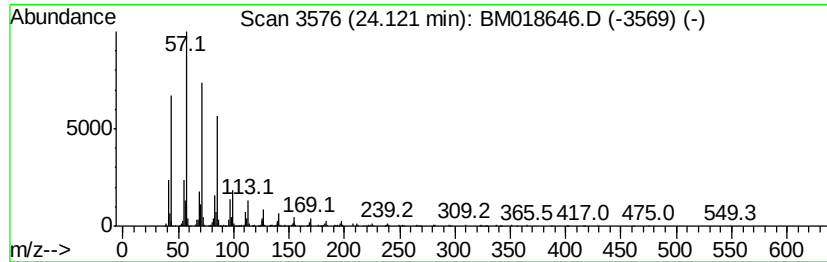
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	10.16 ng	1605090	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011819\
Data File : BM018646.D
Acq On : 18 Jan 2019 20:36
Operator : JU/SJ
Sample : K1189-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.88	4.4	ng	296158	1	7.73	1339100	20.0
unknown7.27	7.27	104.5	ng	6997440	1	7.73	1339100	20.0
n-Hexadecanoic acid	18.02	12.0	ng	1521410	4	17.13	2534050	20.0
Octadecanoic acid	19.30	3.6	ng	587766	5	21.33	3235800	20.0
Heptafluorobutano...	21.03	7.8	ng	1264460	5	21.33	3235800	20.0
Heptadecane, 2,6,...	21.90	3.0	ng	484550	5	21.33	3235800	20.0
Heptadecane, 9-oc...	22.37	4.6	ng	741256	5	21.33	3235800	20.0
Octadecane	22.89	7.3	ng	1144140	6	23.60	3158420	20.0
Heneicosane	24.12	10.2	ng	1605090	6	23.60	3158420	20.0