

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018647.D
 Acq On : 18 Jan 2019 21:12
 Operator : JU/SJ
 Sample : K1189-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT3422

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	314	rBV	223988	326332	2.77%	0.408%
2	5.328	374	381	394	rBV	4380396	6200710	52.63%	7.758%
3	6.910	641	650	666	rBV	4057284	6726183	57.09%	8.415%
4	7.269	704	711	723	rBV	4607313	7107531	60.33%	8.892%
5	7.734	781	790	797	rBV	837600	1318660	11.19%	1.650%
6	8.051	837	844	854	rVB	3416541	5414999	45.96%	6.775%
7	8.904	981	989	1002	rBV	2447783	4129978	35.06%	5.167%
8	10.528	1257	1265	1273	rBV	960976	1644037	13.95%	2.057%
9	12.998	1678	1685	1700	rBV	5524101	8127660	68.99%	10.168%
10	13.845	1823	1829	1843	rBV	408882	624206	5.30%	0.781%
11	14.257	1890	1899	1910	rBV3	46915	142288	1.21%	0.178%
12	14.386	1914	1921	1933	rVB2	1267220	2031018	17.24%	2.541%
13	15.880	2167	2175	2193	rBV	4522500	6922838	58.76%	8.661%
14	17.133	2382	2388	2400	rBV	1728650	2434813	20.67%	3.046%
15	18.021	2533	2539	2549	rBV	669189	1025496	8.70%	1.283%
16	19.304	2753	2757	2766	rBV2	252353	373568	3.17%	0.467%
17	19.768	2830	2836	2846	rBV	9502648	11781039	100.00%	14.739%
18	20.521	2961	2964	2968	rBV	185702	206484	1.75%	0.258%
19	21.027	3045	3050	3061	rBV	607185	818791	6.95%	1.024%
20	21.327	3096	3101	3111	rBV	2320633	2981893	25.31%	3.731%
21	21.462	3121	3124	3129	rVB	296346	311992	2.65%	0.390%
22	21.903	3195	3199	3204	rBV	419895	571321	4.85%	0.715%
23	22.368	3274	3278	3285	rBV	637191	827327	7.02%	1.035%
24	22.880	3361	3365	3370	rBV	761879	1056609	8.97%	1.322%
25	23.456	3457	3463	3471	rBV	933237	1512833	12.84%	1.893%
26	23.597	3481	3487	3495	rVB	1519245	2879298	24.44%	3.602%
27	24.109	3569	3574	3582	rVB	770169	1497245	12.71%	1.873%
28	24.874	3698	3704	3711	rVB	436842	935605	7.94%	1.171%

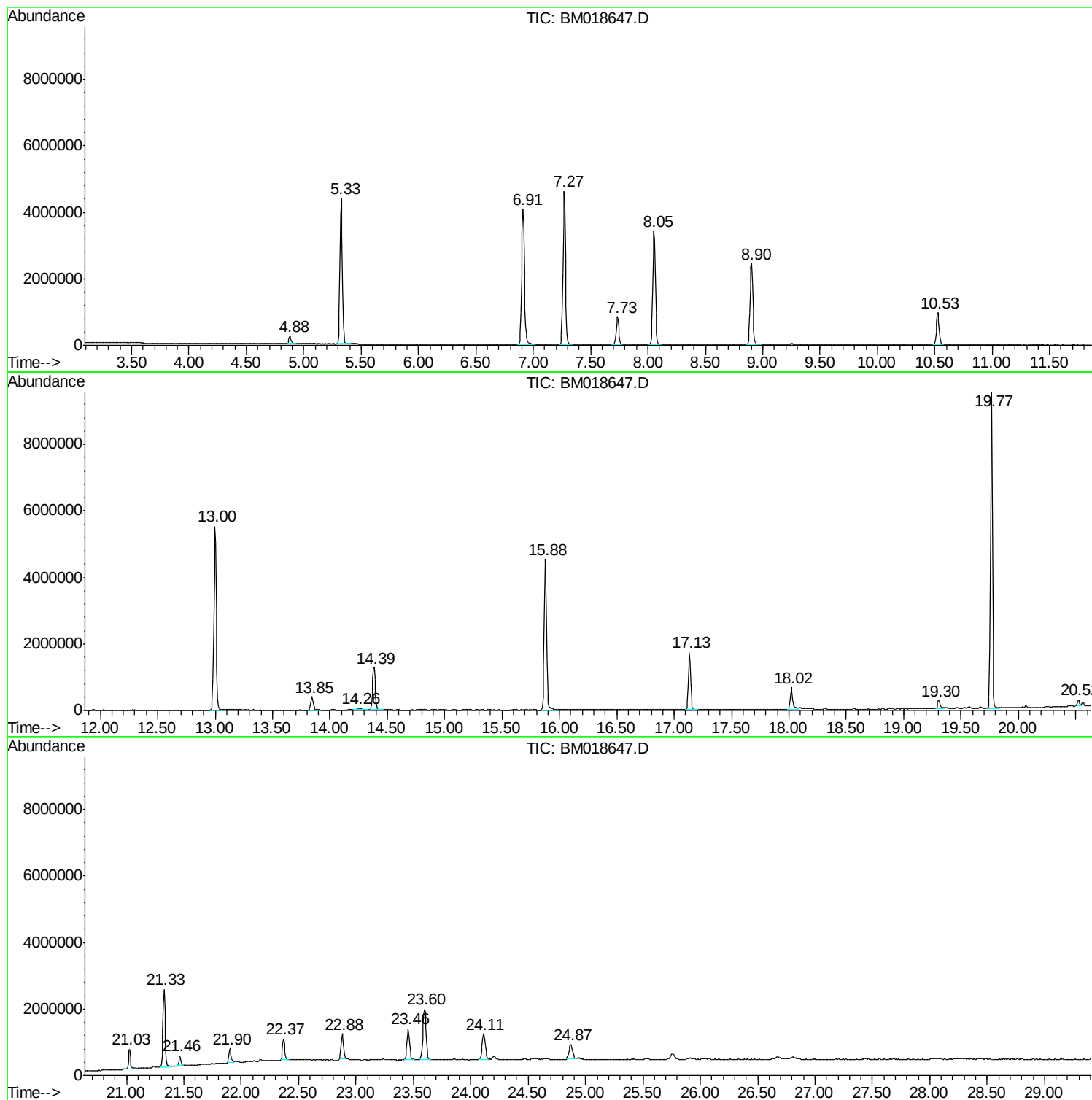
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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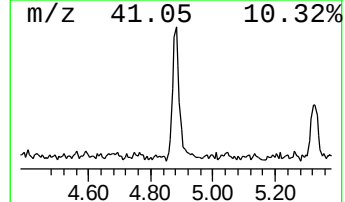
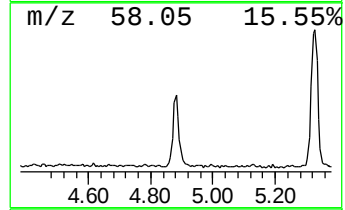
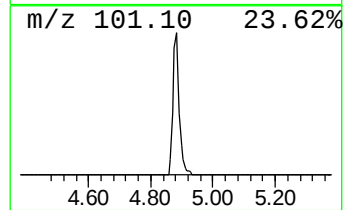
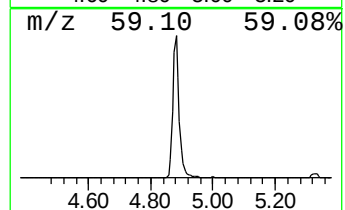
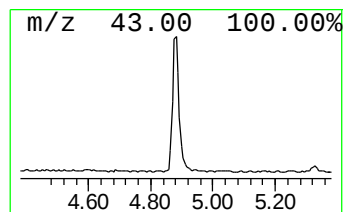
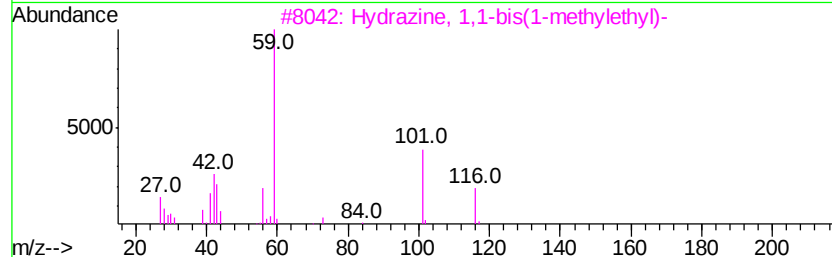
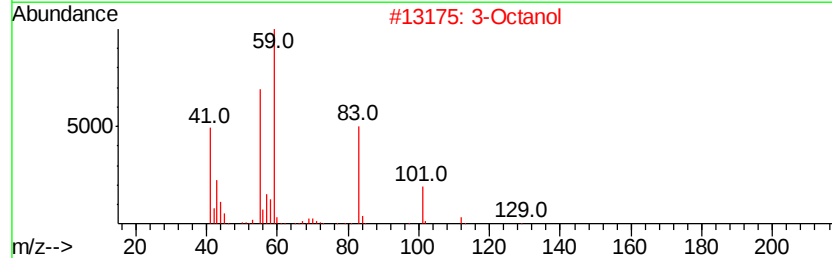
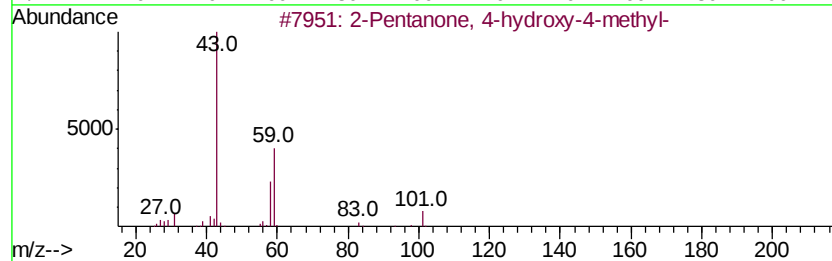
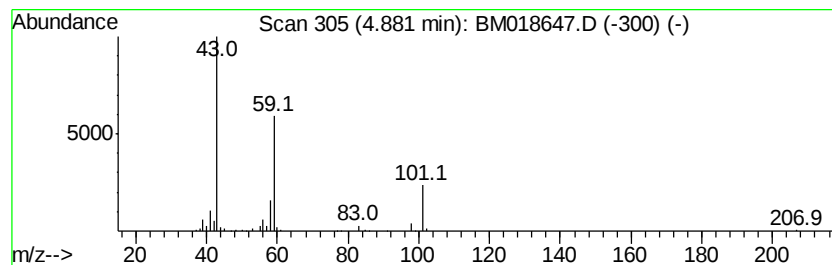
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	4.95 ng	326332	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	56
2			3-Octanol	130	C8H18O	020296-29-1	33
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	17



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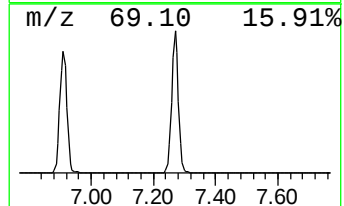
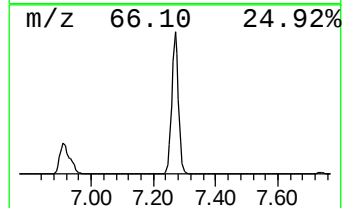
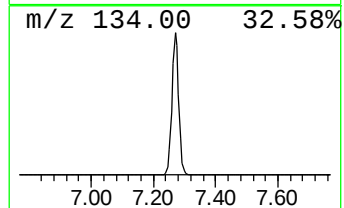
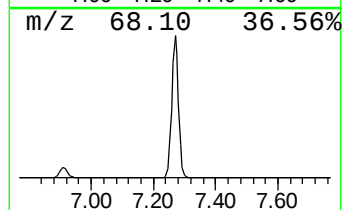
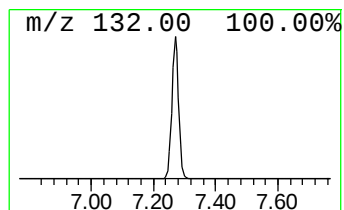
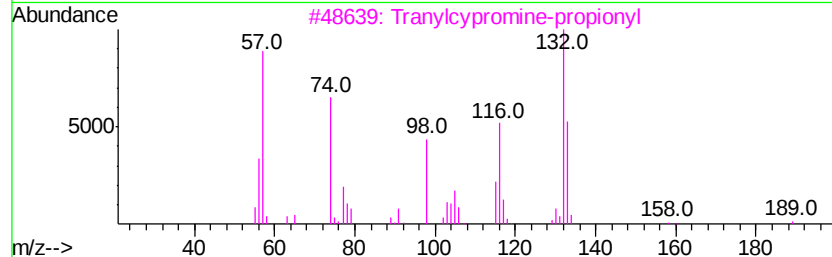
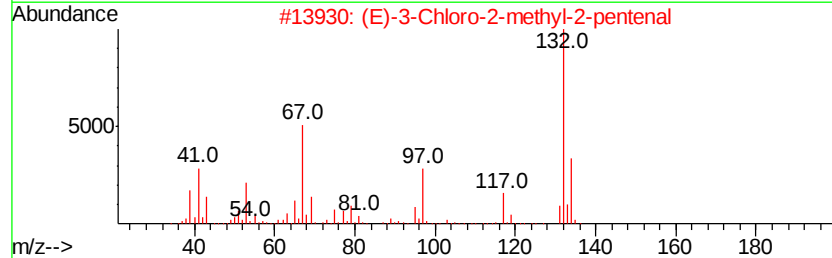
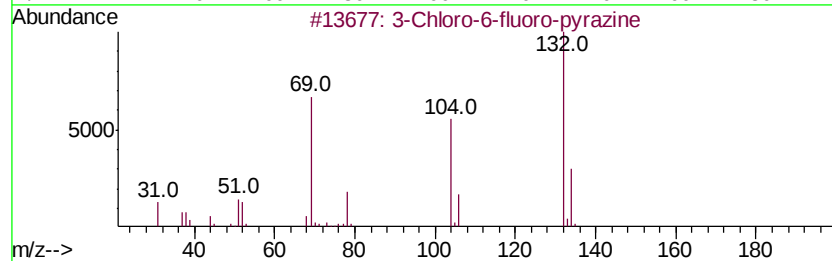
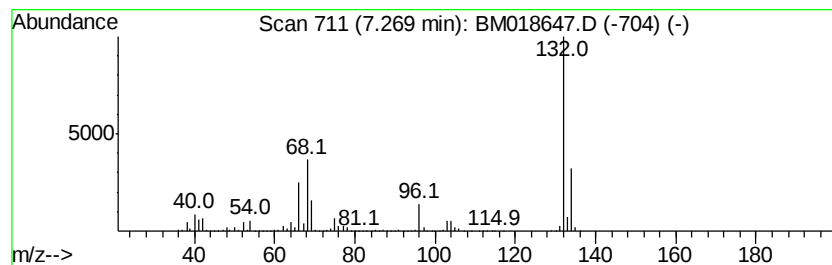
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Peak Number 2 unknown7.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	107.80 ng	7107530	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
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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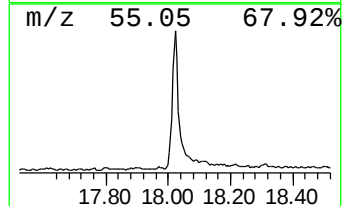
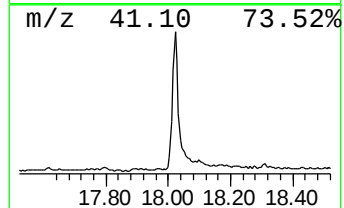
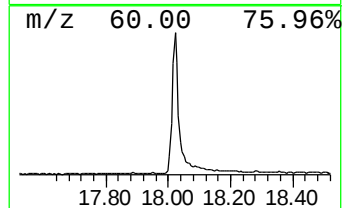
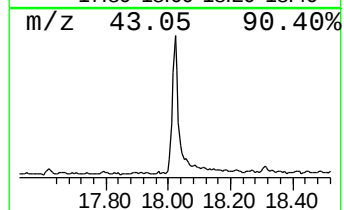
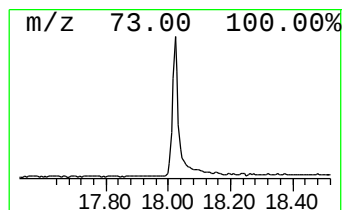
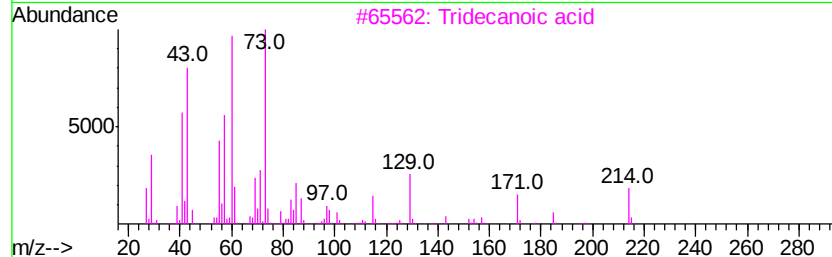
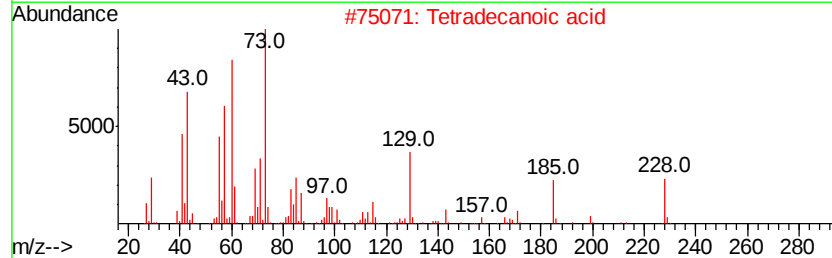
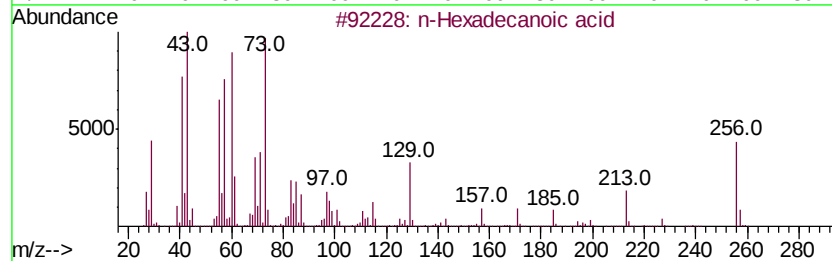
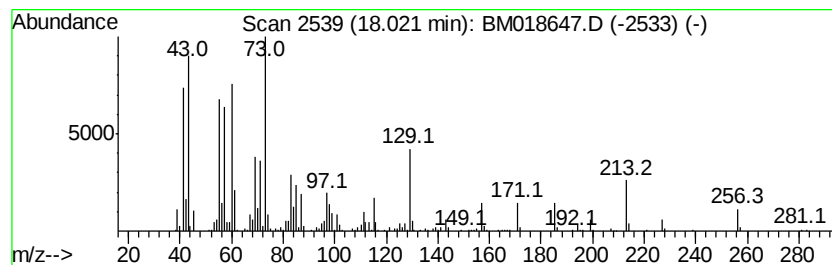
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	8.42 ng	1025500	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	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



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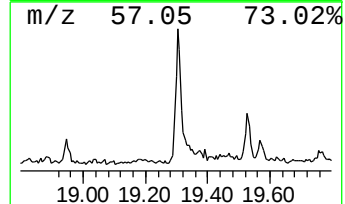
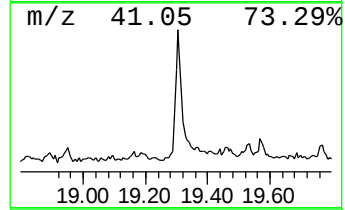
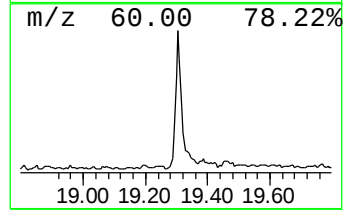
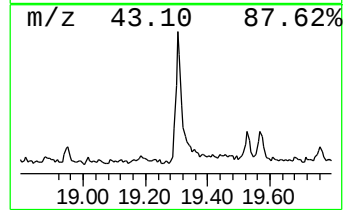
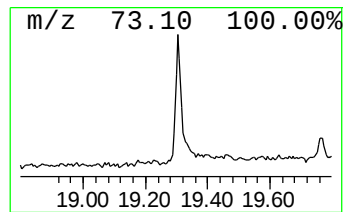
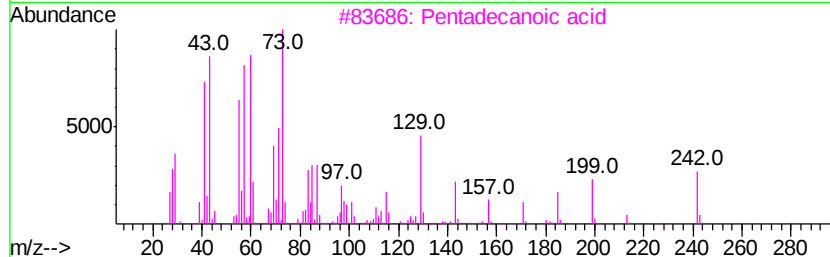
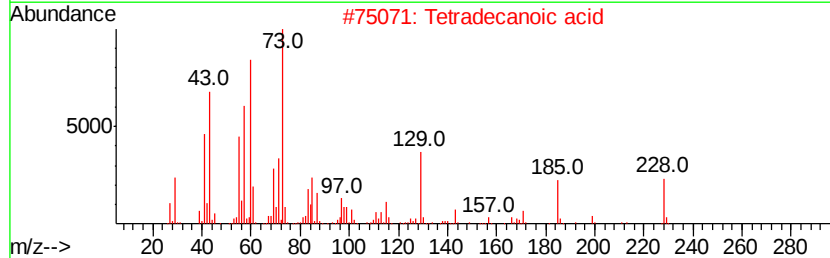
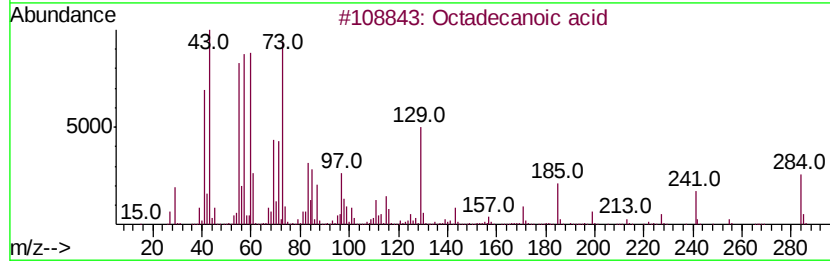
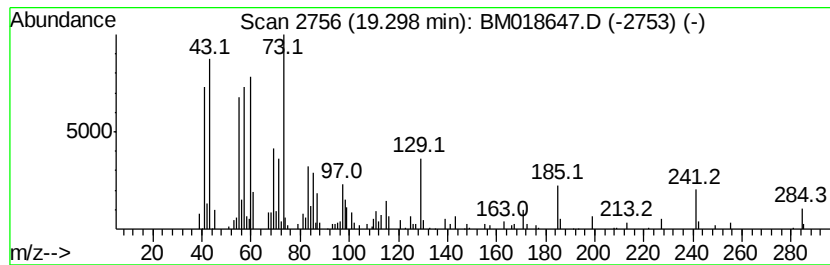
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Peak Number 5 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.51 ng	373568	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



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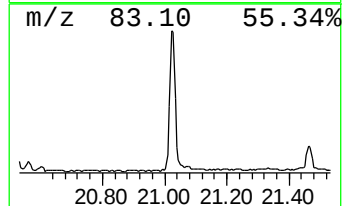
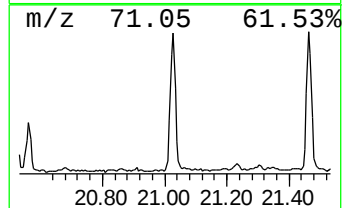
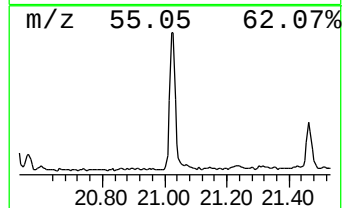
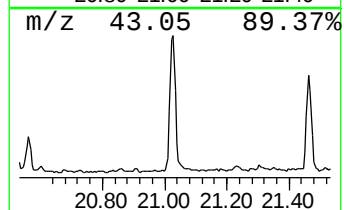
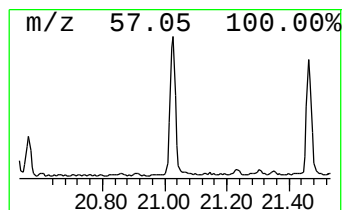
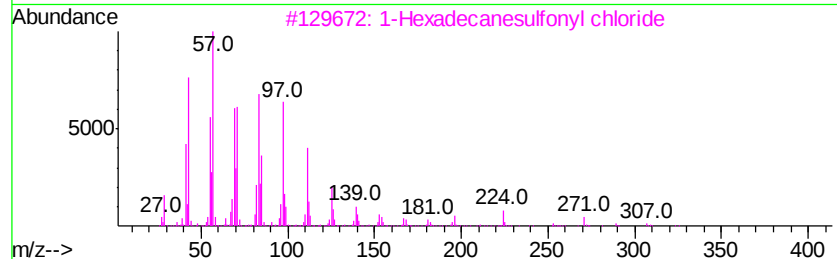
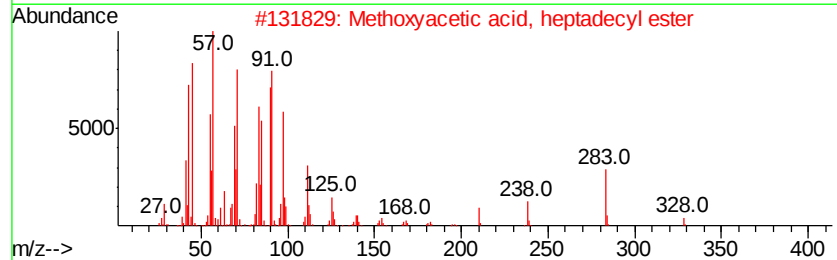
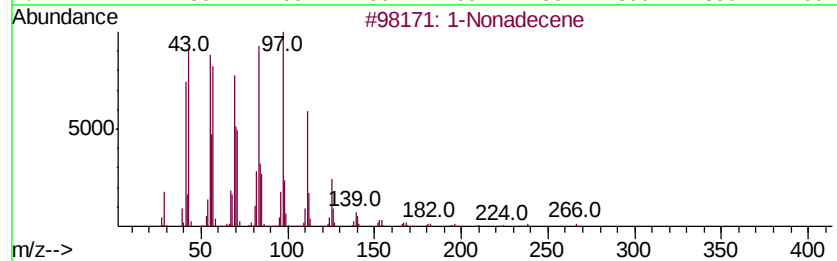
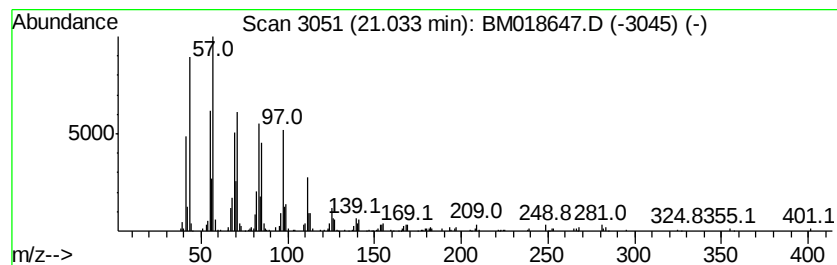
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Peak Number 6 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	5.49 ng	818791	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	97
2		Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87



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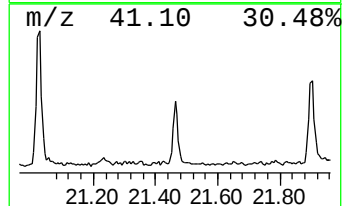
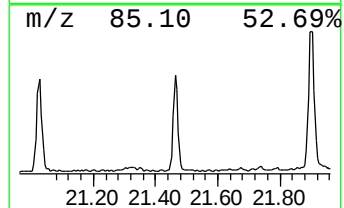
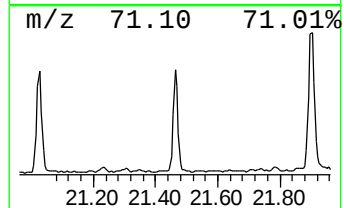
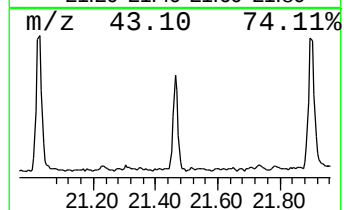
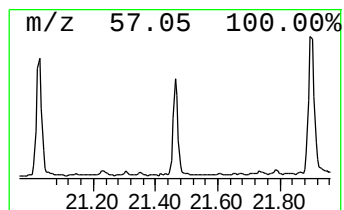
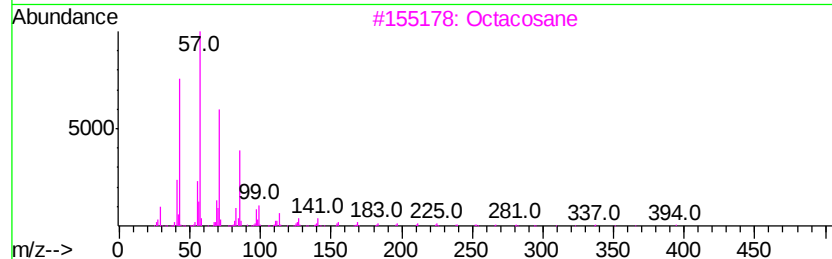
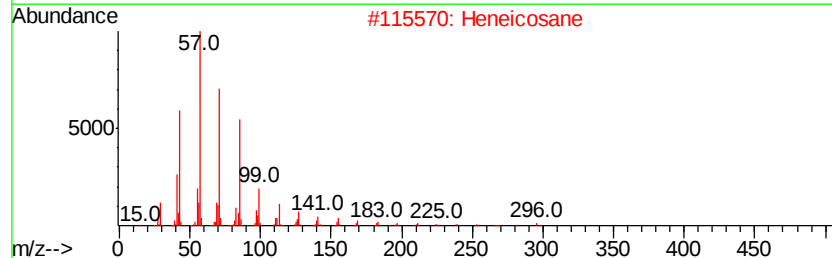
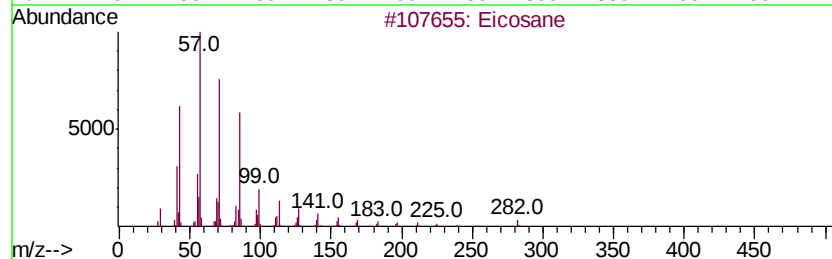
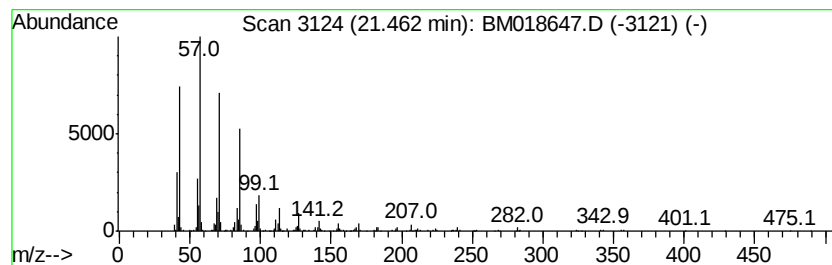
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.09 ng	311992	Chrysene-d12	21.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 95
2	Heneicosane		296 C21H44	000629-94-7 90
3	Octacosane		394 C28H58	000630-02-4 90
4	Heptacosane		380 C27H56	000593-49-7 90
5	Heneicosane, 11-(1-ethylpropyl)-		366 C26H54	055282-11-6 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018647.D
Acq On : 18 Jan 2019 21:12
Operator : JU/SJ
Sample : K1189-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

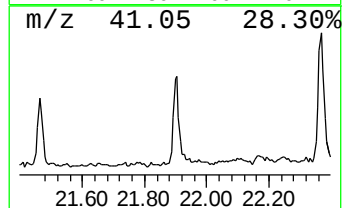
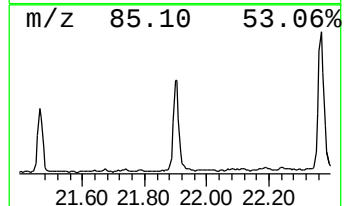
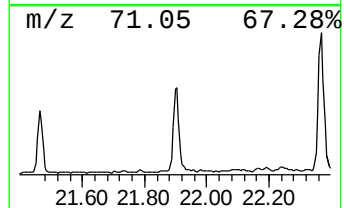
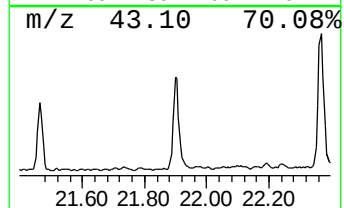
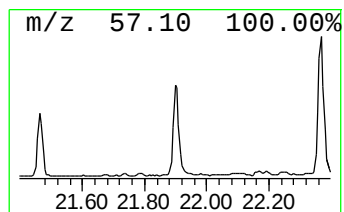
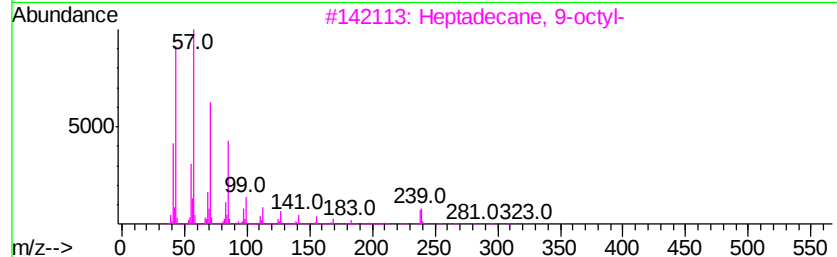
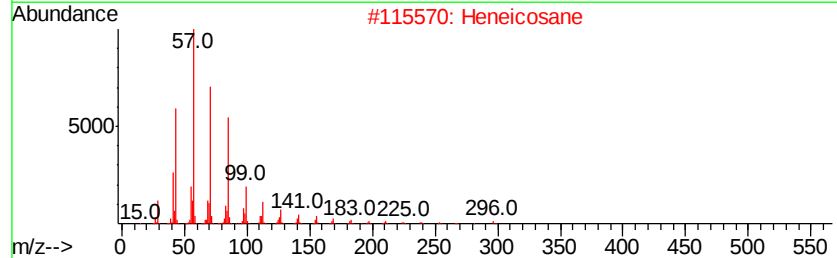
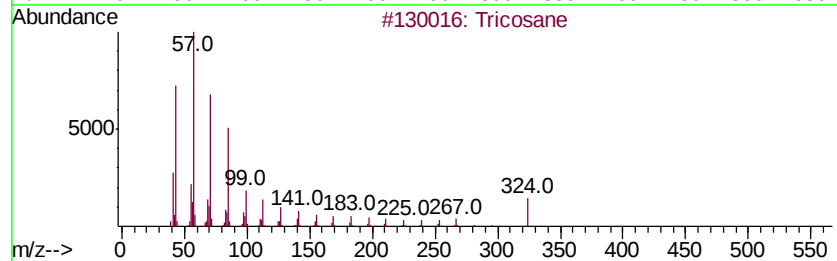
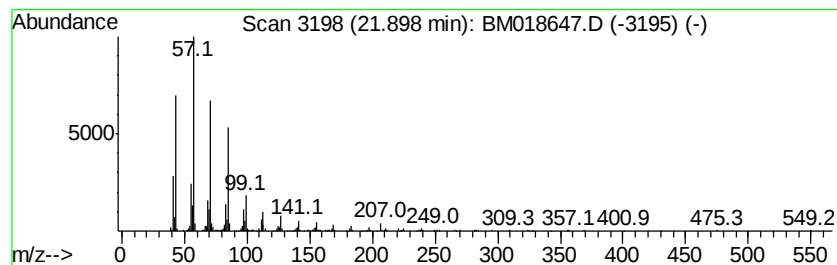
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tricosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.90	3.83 ng	571321	Chrysene-d12		21.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	96
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018647.D
Acq On : 18 Jan 2019 21:12
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Misc :
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Instrument :
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ClientSampleId :
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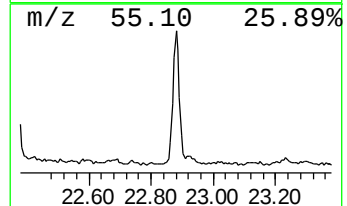
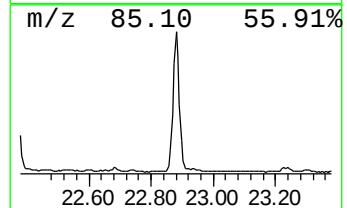
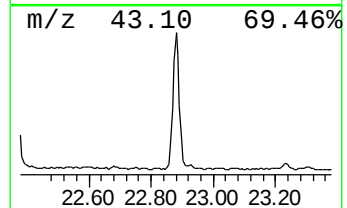
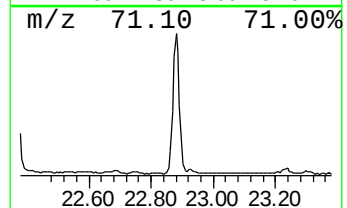
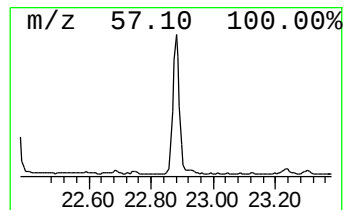
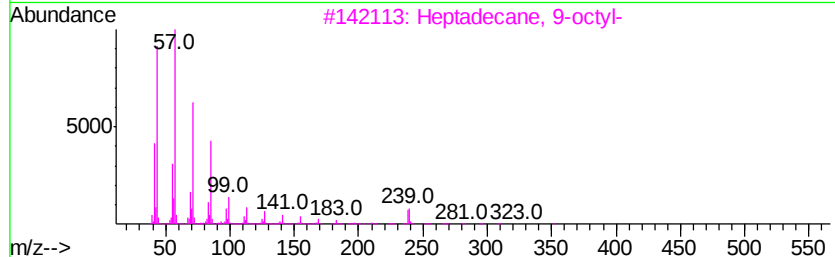
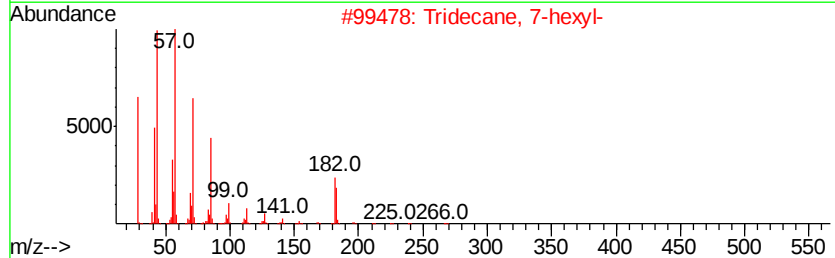
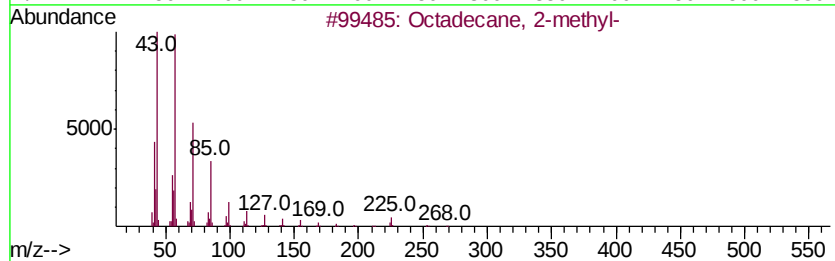
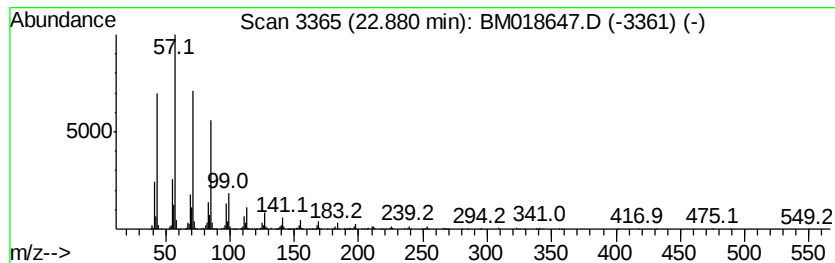
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	7.34 ng	1056610	Perylene-d12	23.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Tetratriacontane	479	C34H70	014167-59-0	91
5			Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018647.D
Acq On : 18 Jan 2019 21:12
Operator : JU/SJ
Sample : K1189-03
Misc :
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Instrument :
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ClientSampleId :
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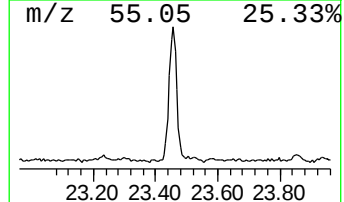
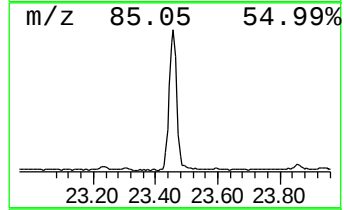
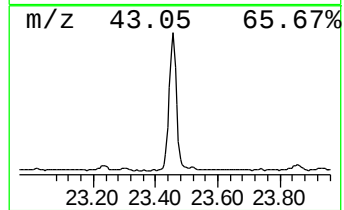
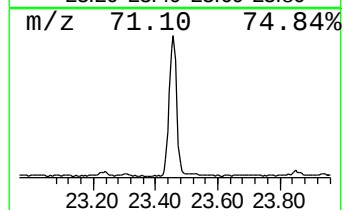
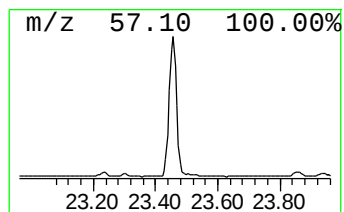
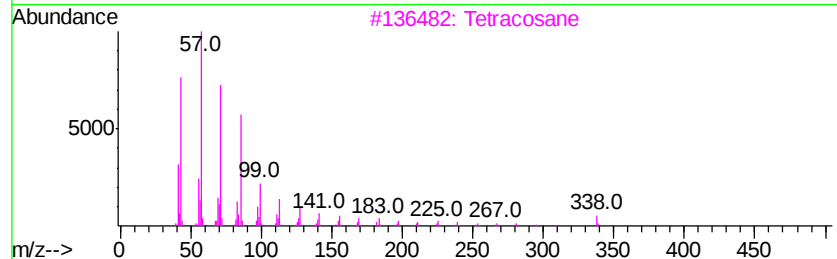
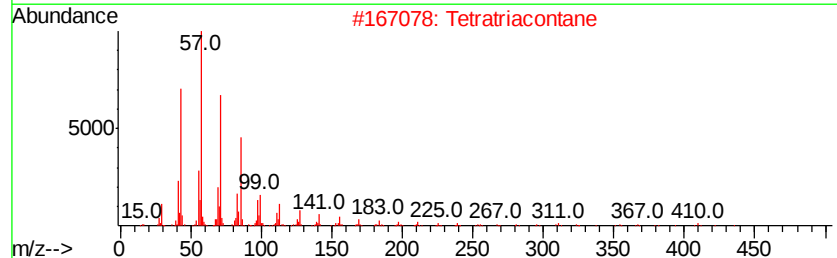
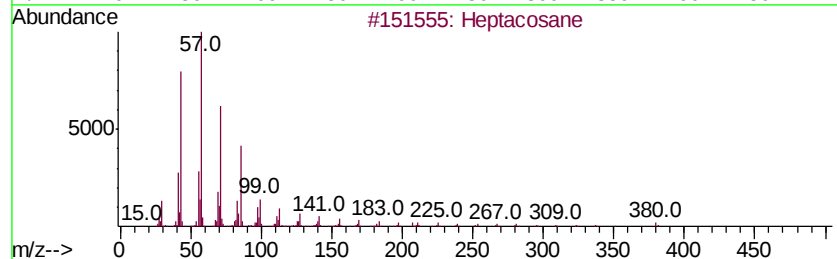
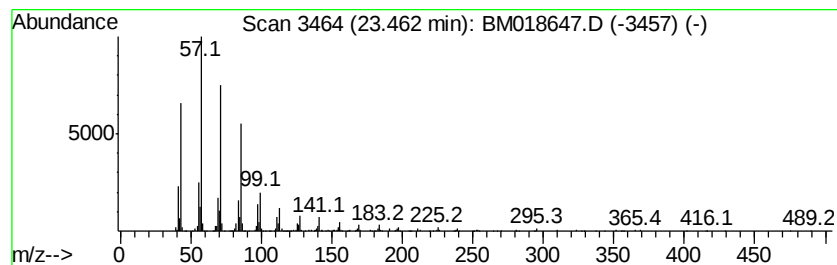
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	10.51 ng	1512830	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018647.D
Acq On : 18 Jan 2019 21:12
Operator : JU/SJ
Sample : K1189-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

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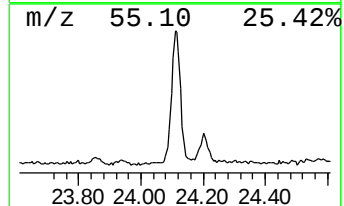
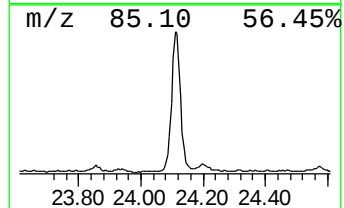
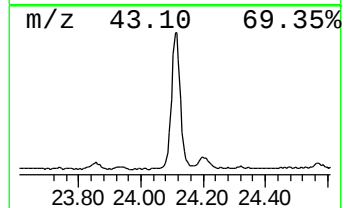
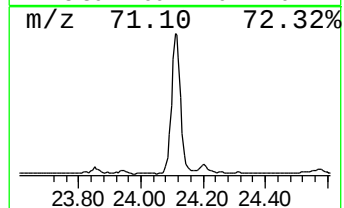
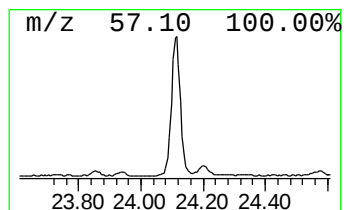
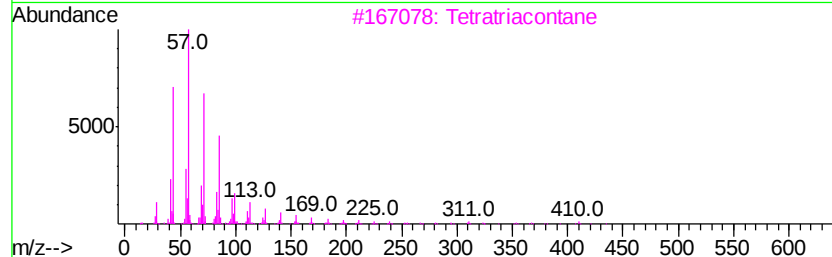
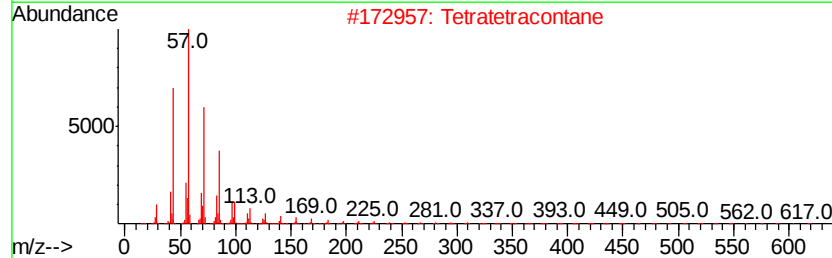
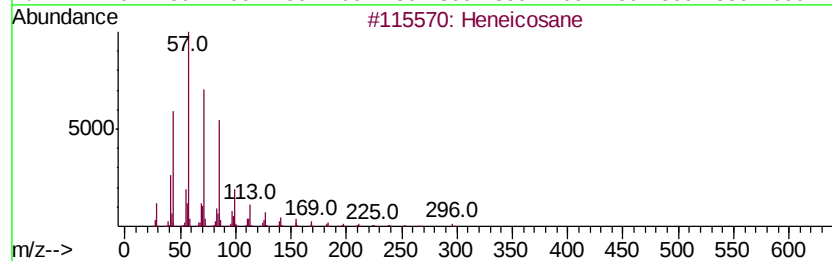
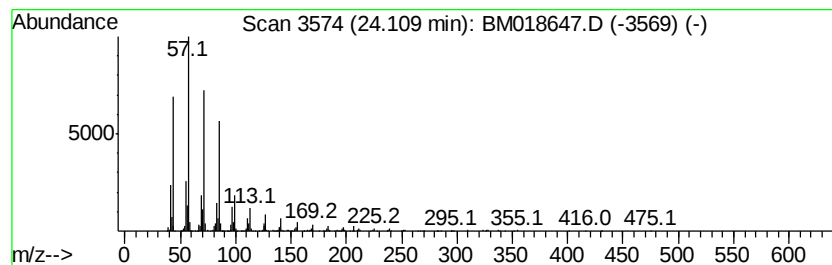
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	10.40 ng	1497250	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		Tetratriacontane	479	C34H70	014167-59-0	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018647.D
Acq On : 18 Jan 2019 21:12
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Sample : K1189-03
Misc :
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Instrument :
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ClientSampleId :
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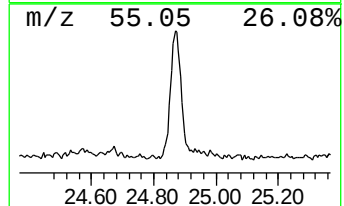
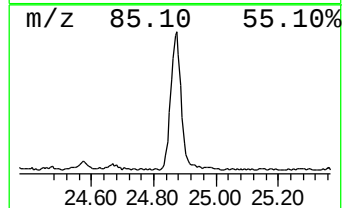
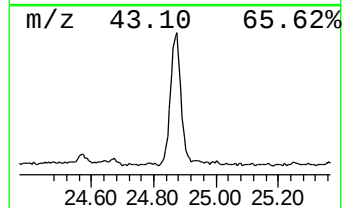
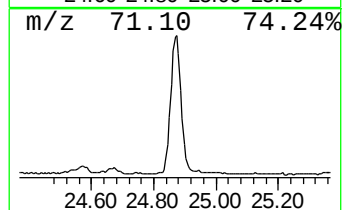
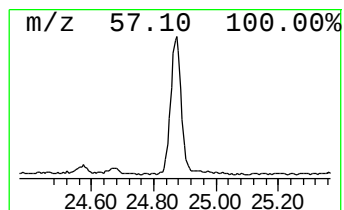
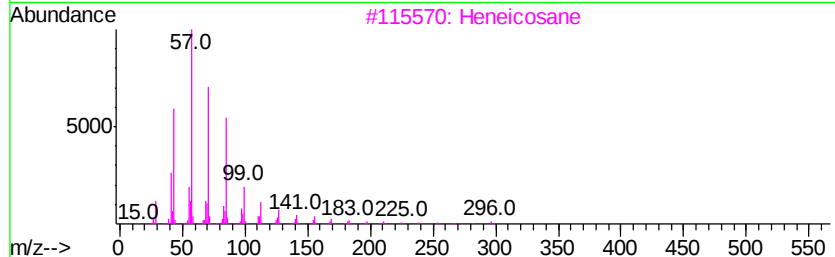
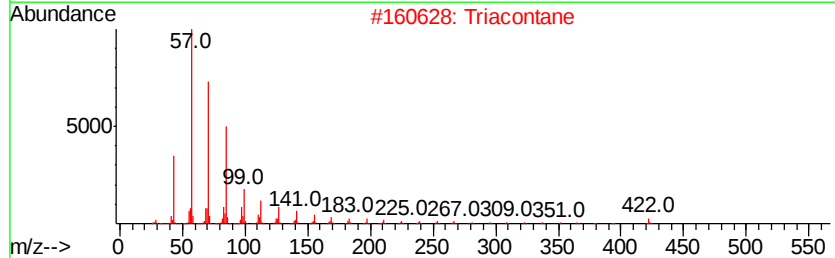
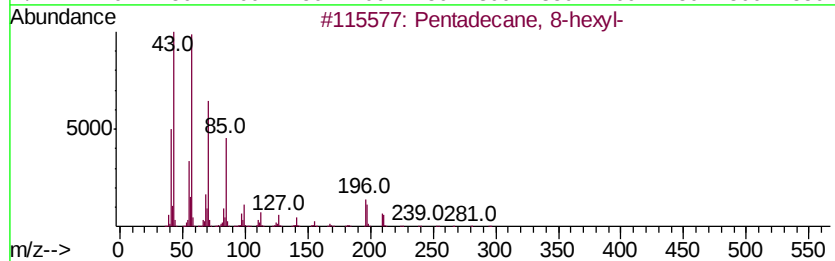
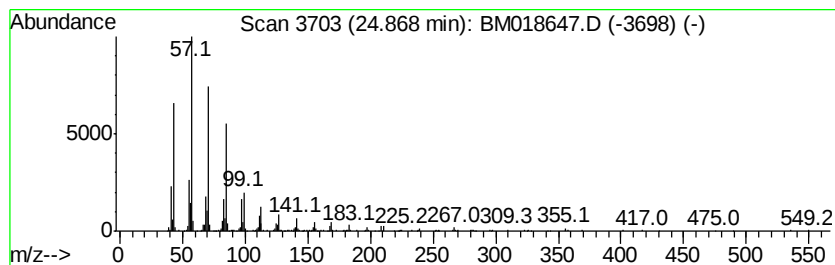
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 8-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	6.50 ng	935605	Perylene-d12	23.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2			Triacontane	422	C30H62	000638-68-6	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5			Tetratriacontane	479	C34H70	014167-59-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011819\
Data File : BM018647.D
Acq On : 18 Jan 2019 21:12
Operator : JU/SJ
Sample : K1189-03
Misc :
ALS Vial : 14 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

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					#	RT	Resp	Conc
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unknown7.27	7.27	107.8	ng	7107530	1	7.73	1318660	20.0
n-Hexadecanoic acid	18.02	8.4	ng	1025500	4	17.13	2434810	20.0
Octadecanoic acid	19.30	2.5	ng	373568	5	21.33	2981890	20.0
1-Nonadecene	21.03	5.5	ng	818791	5	21.33	2981890	20.0
Eicosane	21.46	2.1	ng	311992	5	21.33	2981890	20.0
Tricosane	21.90	3.8	ng	571321	5	21.33	2981890	20.0
Octadecane, 2-met...	22.88	7.3	ng	1056610	6	23.60	2879300	20.0
Heptacosane	23.46	10.5	ng	1512830	6	23.60	2879300	20.0
Heneicosane	24.11	10.4	ng	1497250	6	23.60	2879300	20.0
Pentadecane, 8-he...	24.87	6.5	ng	935605	6	23.60	2879300	20.0