

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040318\
 Data File : BF104207.D
 Acq On : 4 Apr 2018 3:38
 Operator : JU/SJ
 Sample : J2182-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-1-EW@5.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	2.304	32	37	49	rVB	113786	153906	4.11%	0.505%
2	5.210	527	531	542	rBV	83260	131503	3.52%	0.431%
3	5.592	592	596	630	rBV	2056701	2938108	78.54%	9.633%
4	6.598	762	767	786	rBV	1918720	3077738	82.27%	10.091%
5	6.733	786	790	825	rVV	2529088	3463899	92.60%	11.357%
6	6.957	825	828	850	rVV	354340	651093	17.40%	2.135%
7	7.110	851	854	879	rVB	2072148	2529744	67.62%	8.294%
8	7.528	921	925	947	rBV	1200267	2001249	53.50%	6.561%
9	7.669	947	949	957	rVB2	27345	38075	1.02%	0.125%
10	8.239	1042	1046	1071	rBV	652531	895770	23.95%	2.937%
11	9.310	1224	1228	1244	rBV	3015333	3740862	100.00%	12.265%
12	9.704	1288	1295	1301	rBV	272910	314651	8.41%	1.032%
13	9.904	1325	1329	1333	rBV	78521	64557	1.73%	0.212%
14	9.998	1341	1345	1357	rBV	972088	1009659	26.99%	3.310%
15	10.404	1411	1414	1417	rVB	102261	73644	1.97%	0.241%
16	10.621	1445	1451	1454	rBV	29517	39025	1.04%	0.128%
17	10.792	1476	1480	1492	rBV	1698528	2220191	59.35%	7.279%
18	10.874	1492	1494	1509	rVB	103328	164505	4.40%	0.539%
19	11.492	1596	1599	1615	rBV	763801	990933	26.49%	3.249%
20	13.080	1864	1869	1892	rBV	2771155	3261601	87.19%	10.693%
21	13.951	2013	2017	2030	rBV	298919	347002	9.28%	1.138%
22	14.151	2047	2051	2061	rBV	524134	713920	19.08%	2.341%
23	14.580	2120	2124	2129	rBV4	22603	40673	1.09%	0.133%
24	14.892	2172	2177	2186	rBV	496847	604791	16.17%	1.983%
25	15.251	2234	2238	2242	rBV	38827	42532	1.14%	0.139%
26	15.651	2301	2306	2308	rBV	48527	63229	1.69%	0.207%
27	15.686	2308	2312	2323	rVB	356043	597851	15.98%	1.960%
28	16.109	2379	2384	2389	rBV	56738	80629	2.16%	0.264%
29	16.645	2470	2475	2479	rBV2	50790	92458	2.47%	0.303%
30	17.274	2576	2582	2592	rVB3	38184	83551	2.23%	0.274%
31	18.015	2702	2708	2718	rVB3	26920	73865	1.97%	0.242%

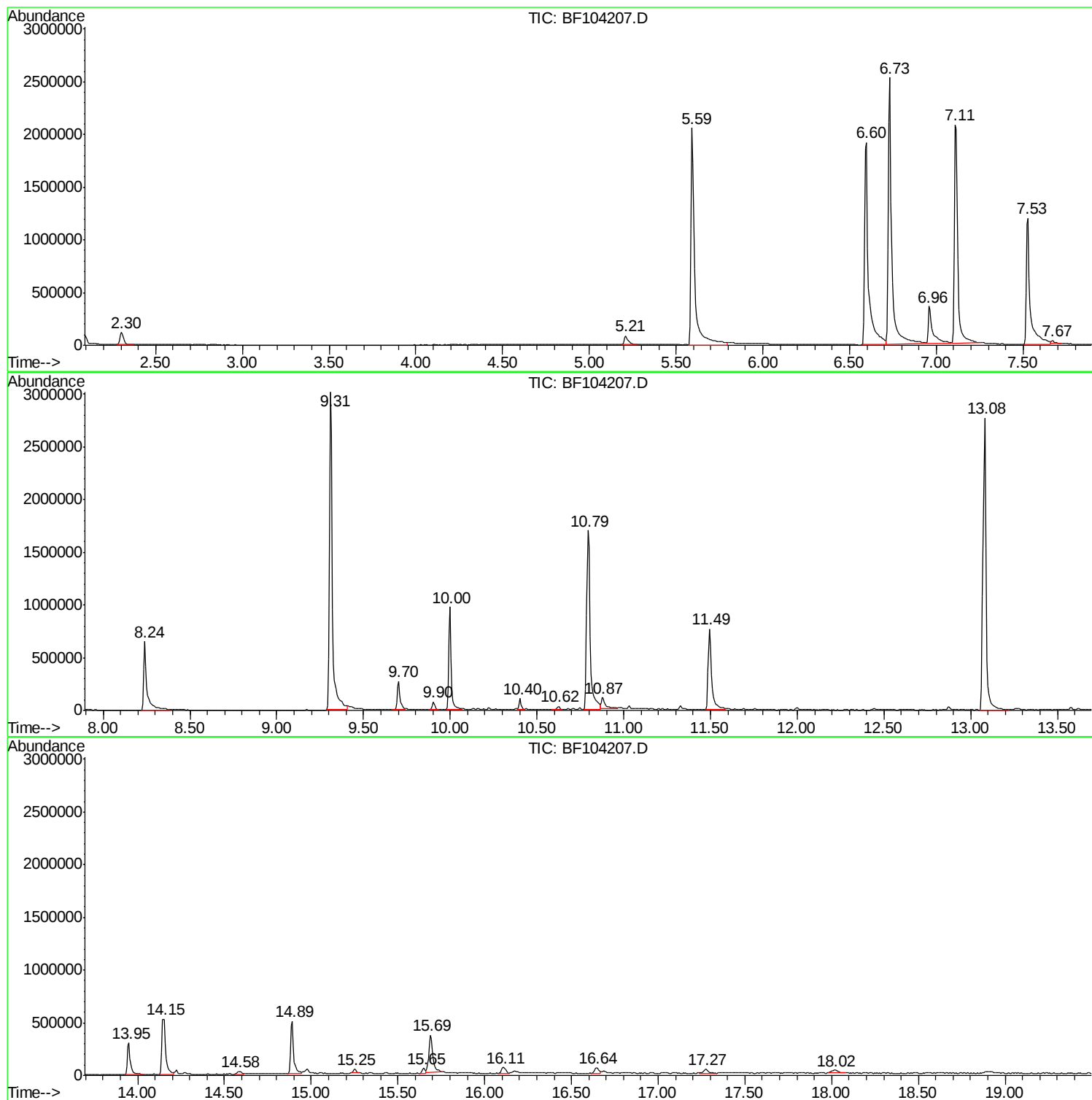
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6-WM-DIP-1-EW@5.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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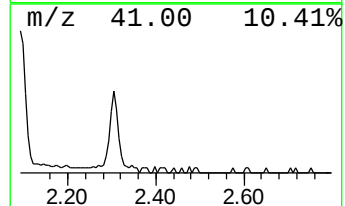
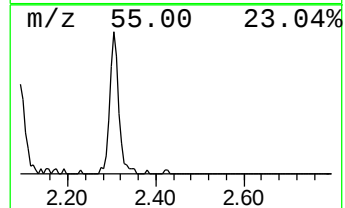
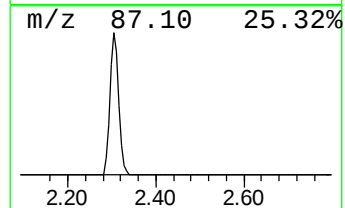
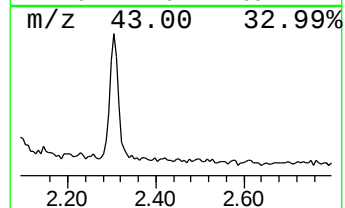
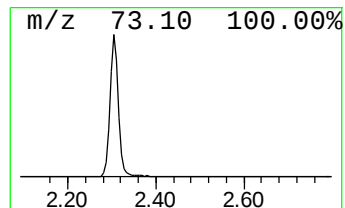
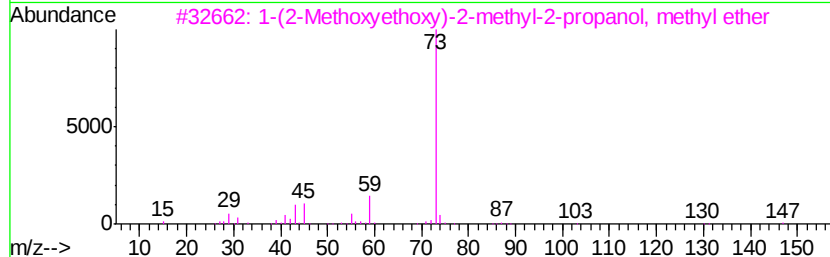
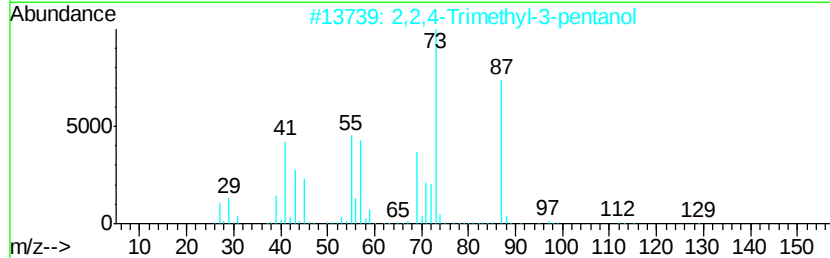
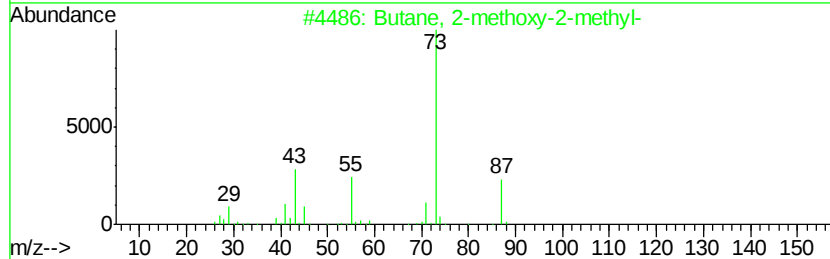
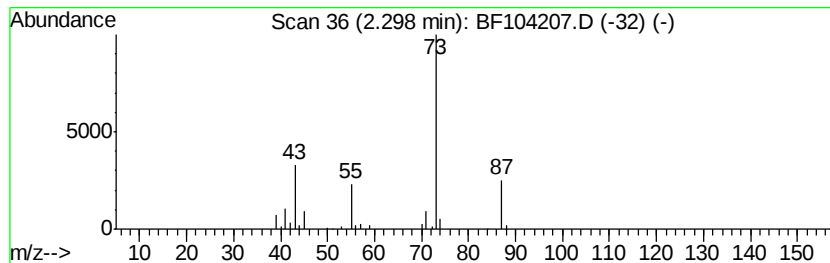
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	4.73 ng	153906	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1-(2-Methoxyethoxy)-2-methyl-2-propanol	162	C8H18O3	1000364-24-4	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17



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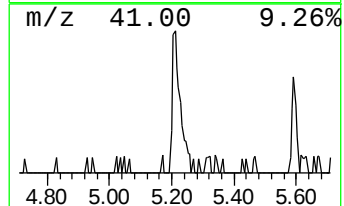
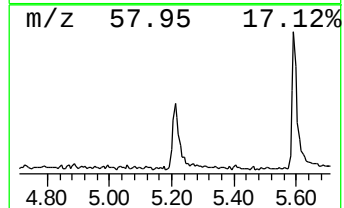
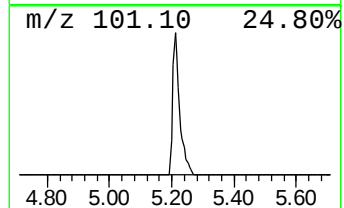
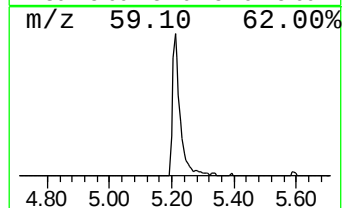
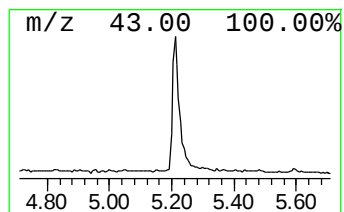
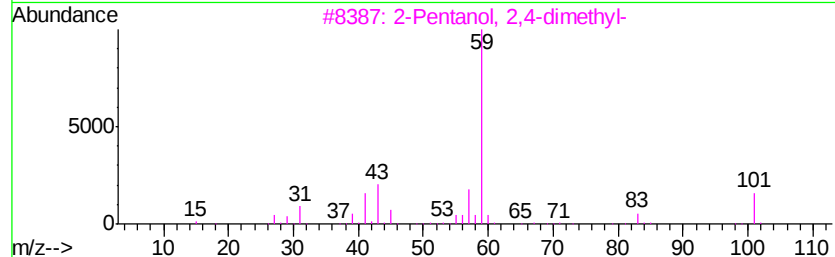
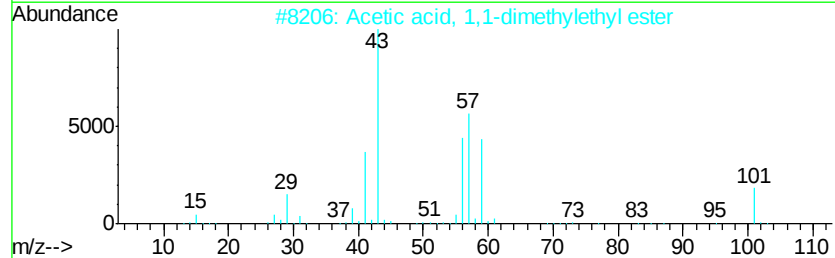
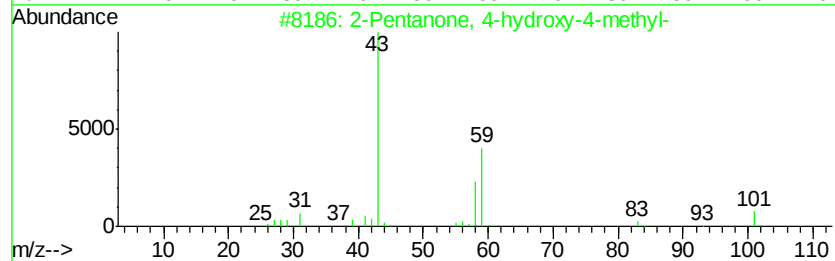
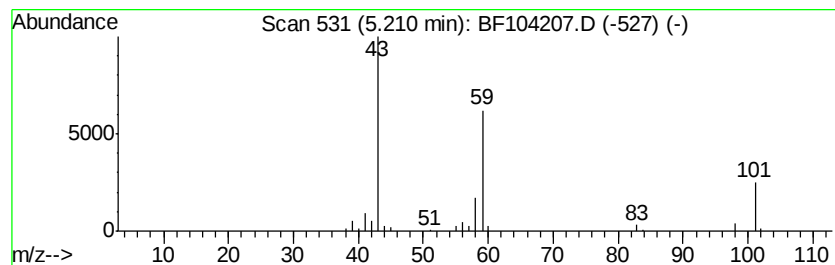
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	4.04 ng	131503	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	23
4		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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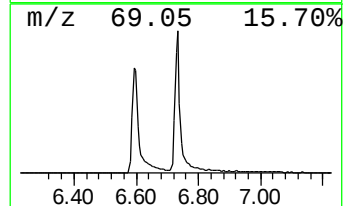
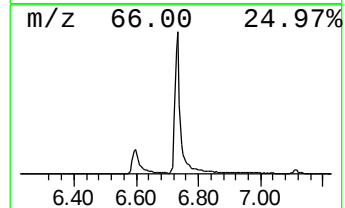
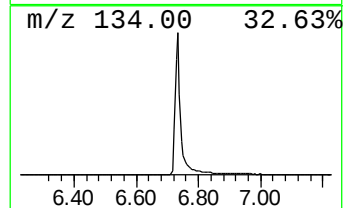
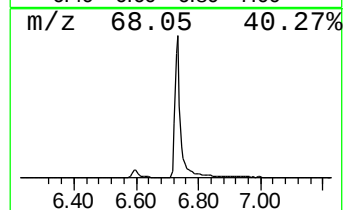
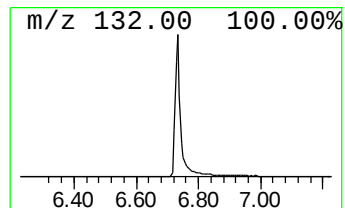
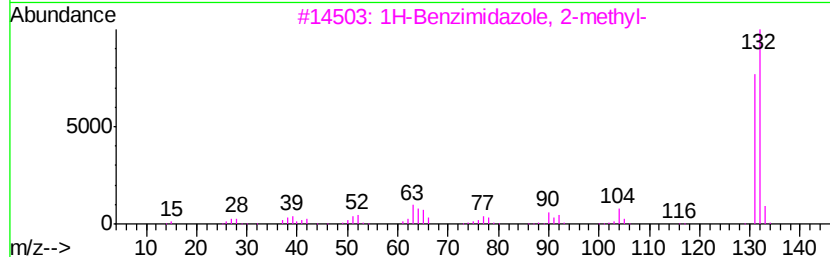
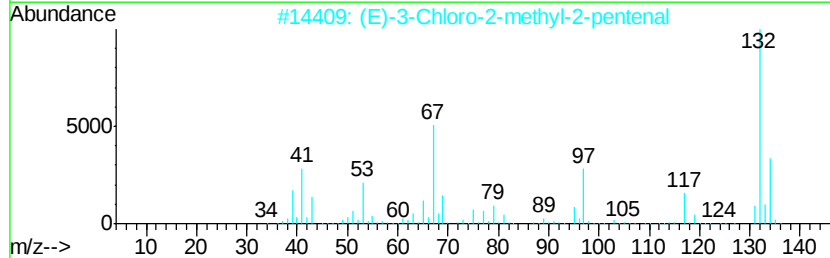
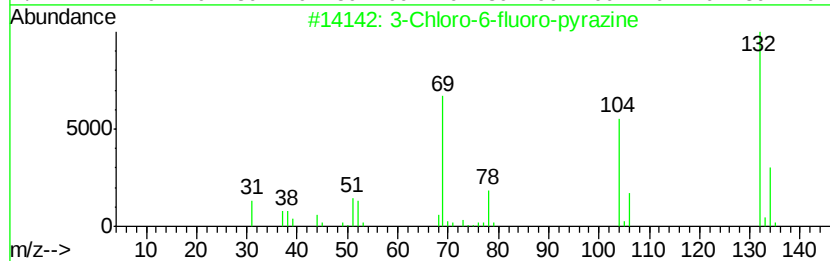
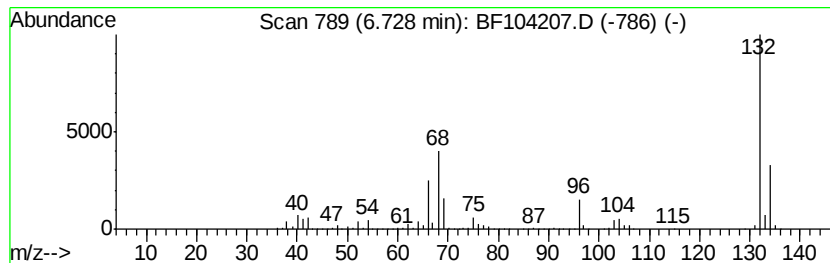
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Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	106.40 ng	3463900	1,4-Dichlorobenzene-d4	6.96

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	25
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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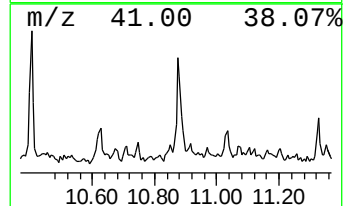
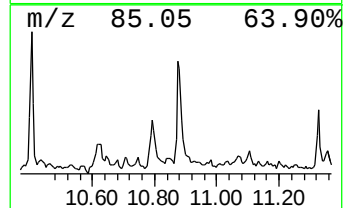
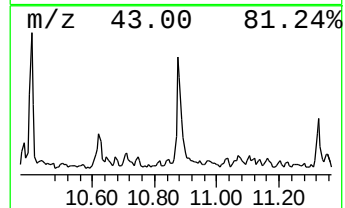
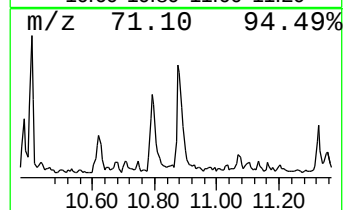
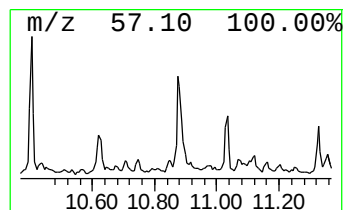
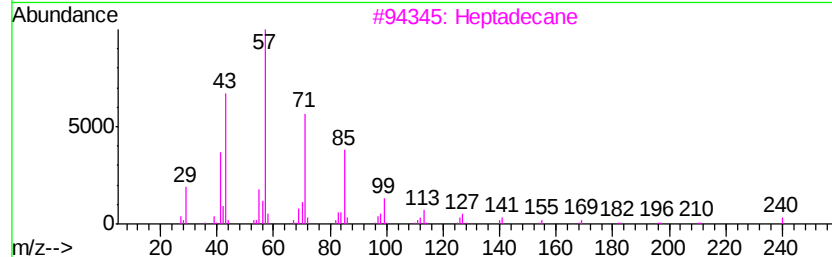
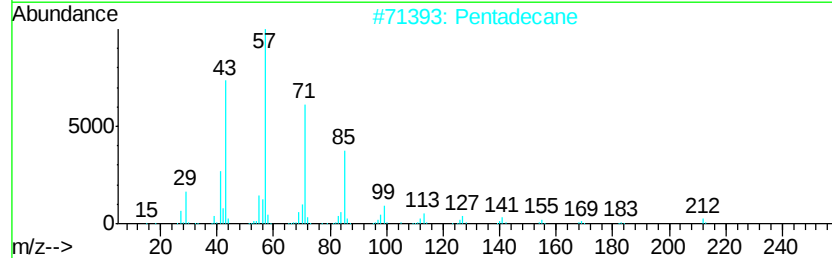
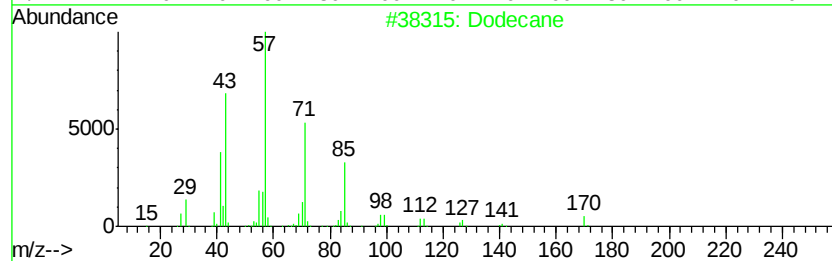
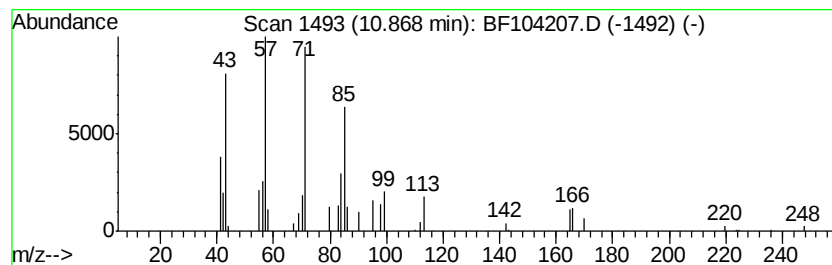
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Peak Number 5 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.32 ng	164505	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	91
2	Pentadecane		212	C15H32	000629-62-9	91
3	Heptadecane		240	C17H36	000629-78-7	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Sulfurous acid, 2-propyl tetrade...		320	C17H36O3S	1000309-12-5	90



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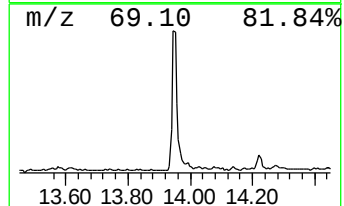
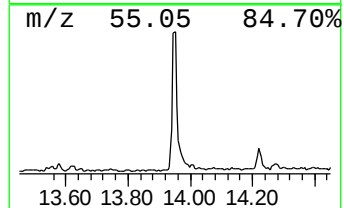
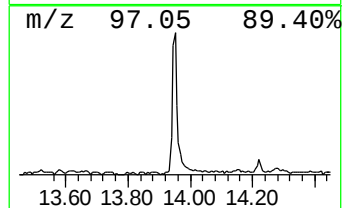
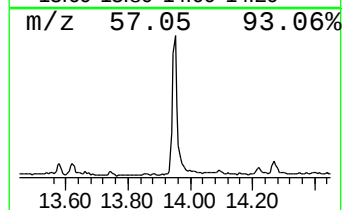
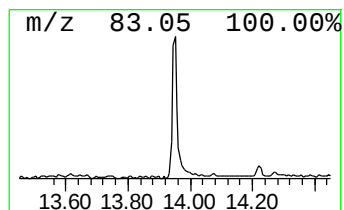
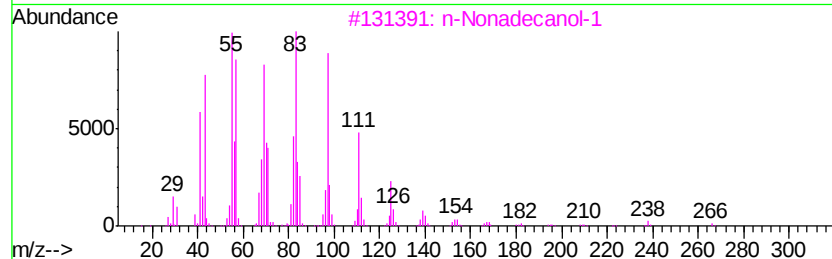
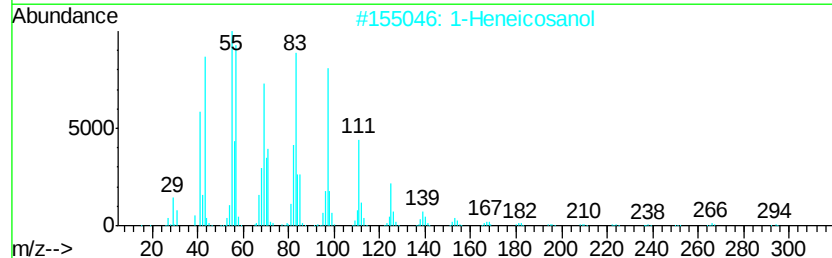
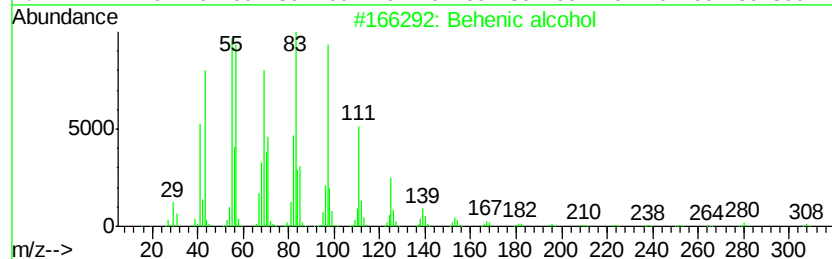
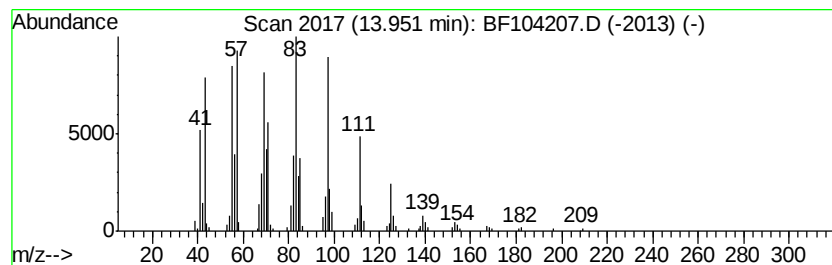
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Peak Number 6 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.95	9.72 ng	347002	Chrysene-d12		14.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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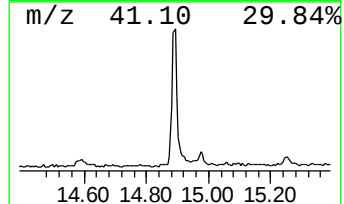
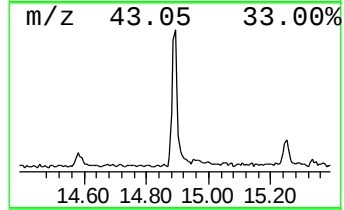
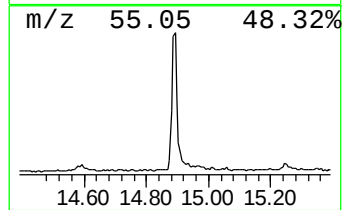
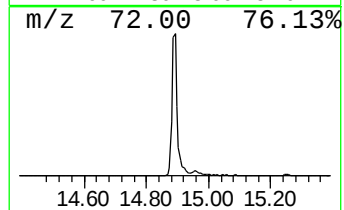
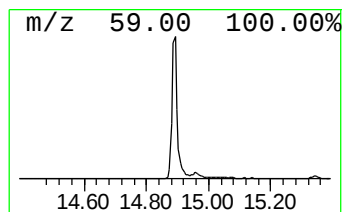
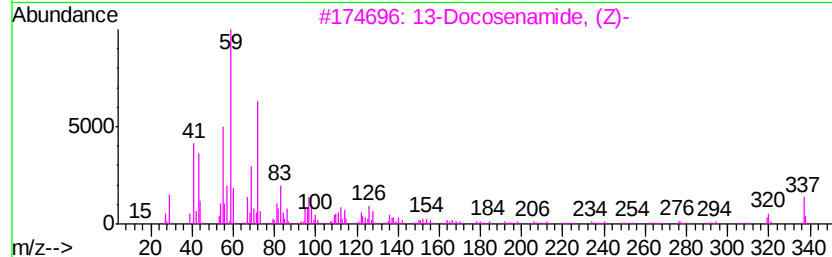
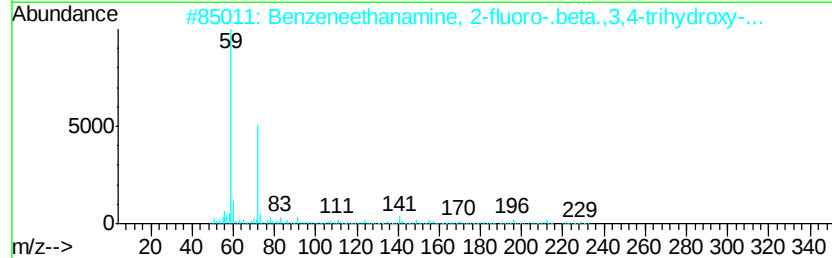
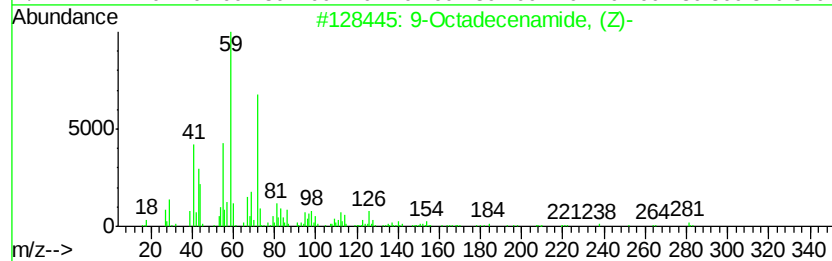
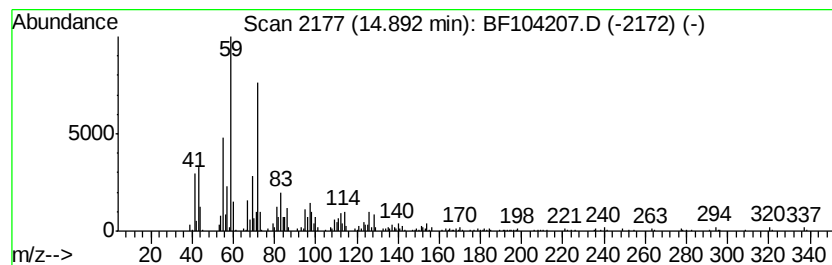
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	16.94 ng	604791	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	47
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	45
4		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	38
5		1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040318\
Data File : BF104207.D
Acq On : 4 Apr 2018 3:38
Operator : JU/SJ
Sample : J2182-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-1-EW@5.5

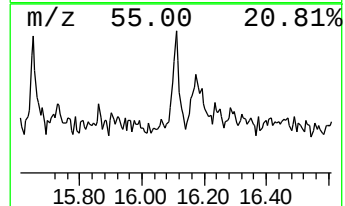
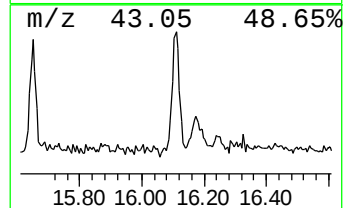
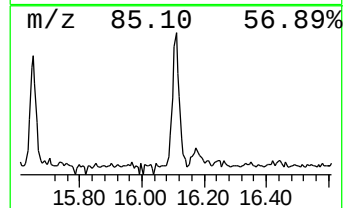
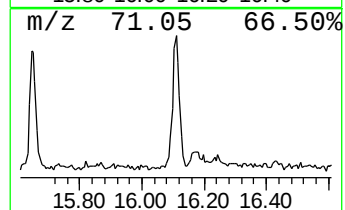
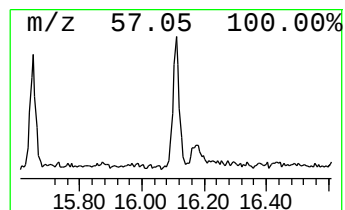
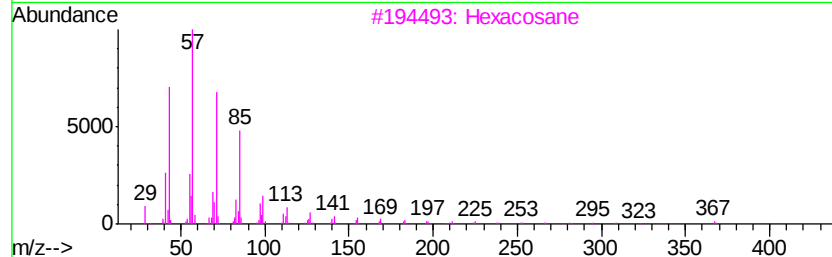
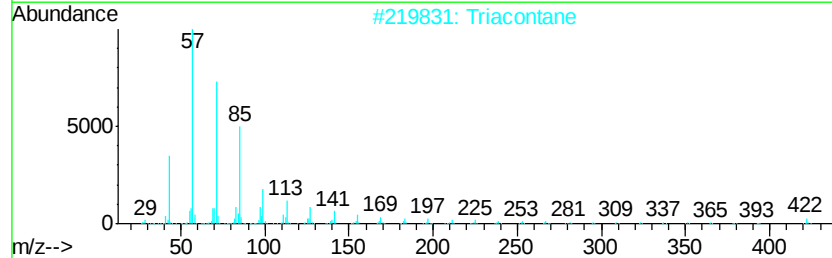
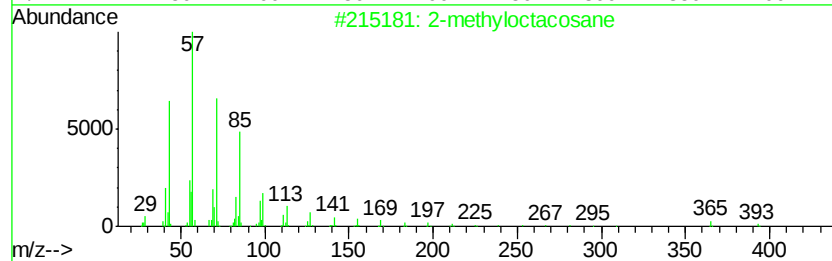
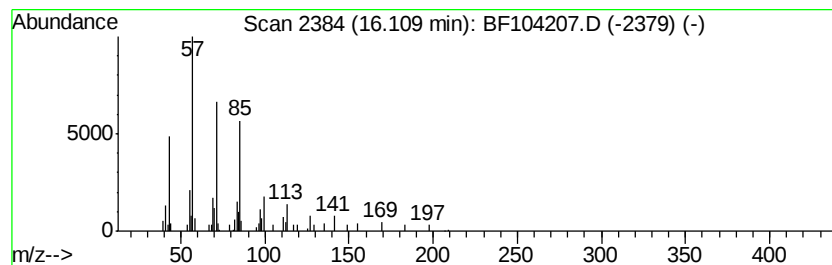
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.70 ng	80629	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Triacotane	422	C30H62	000638-68-6	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040318\
Data File : BF104207.D
Acq On : 4 Apr 2018 3:38
Operator : JU/SJ
Sample : J2182-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

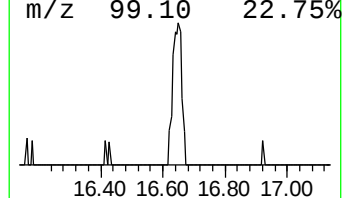
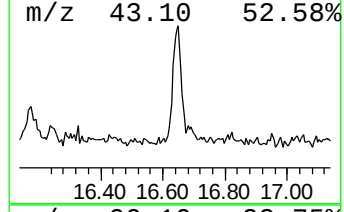
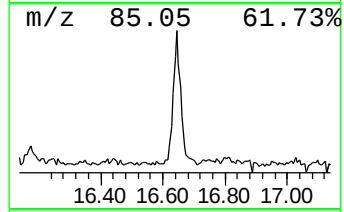
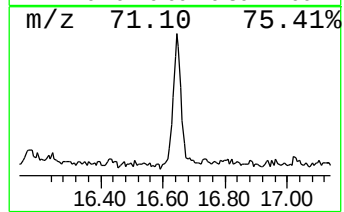
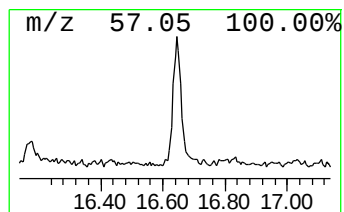
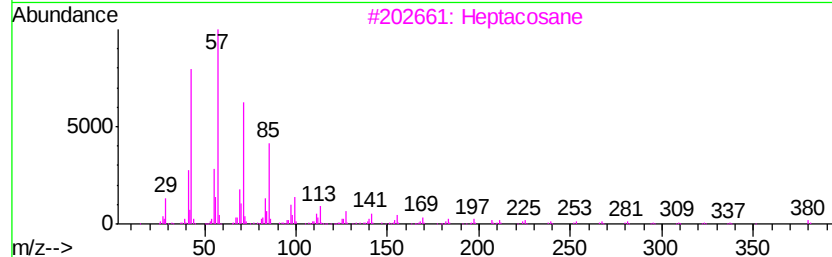
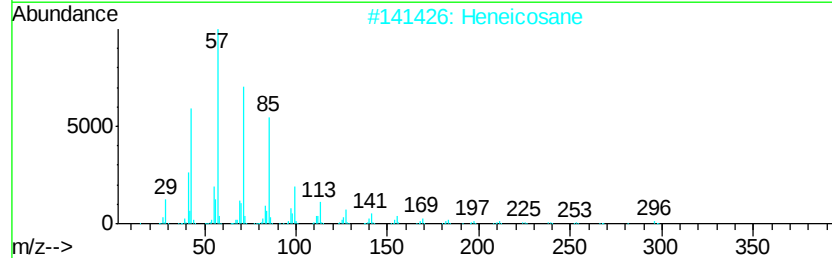
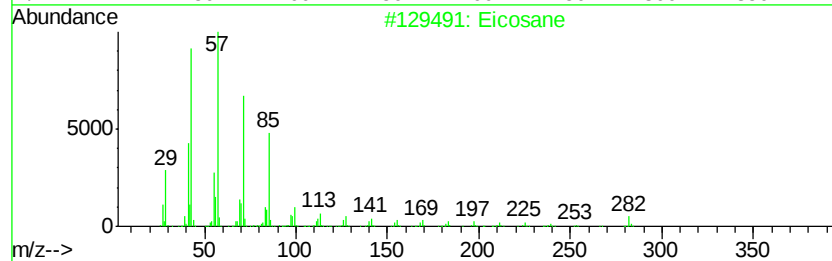
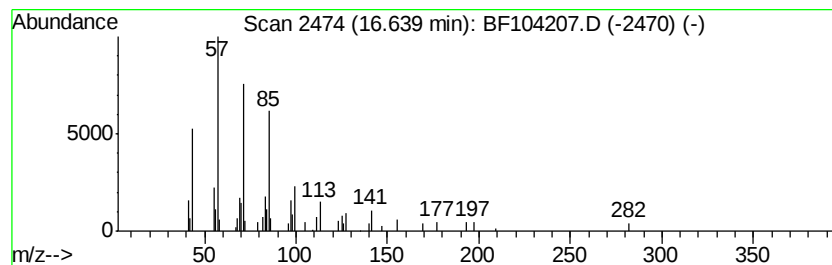
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6-WM-DIP-1-EW@5.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.64	3.09 ng	92458	Perylene-d12		15.69
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methvloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040318\
Data File : BF104207.D
Acq On : 4 Apr 2018 3:38
Operator : JU/SJ
Sample : J2182-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-1-EW@5.5

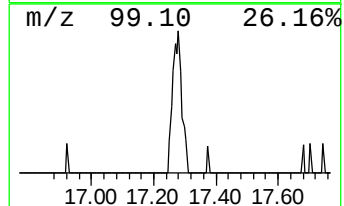
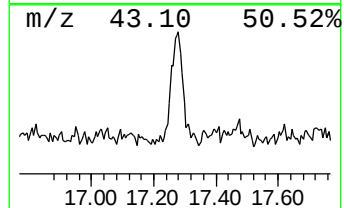
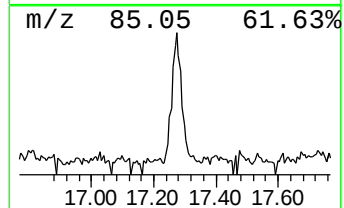
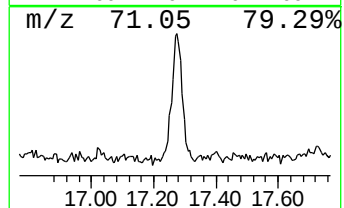
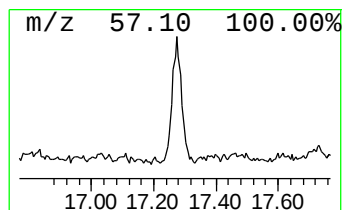
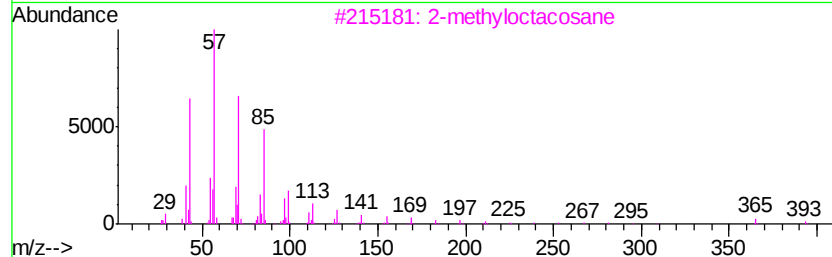
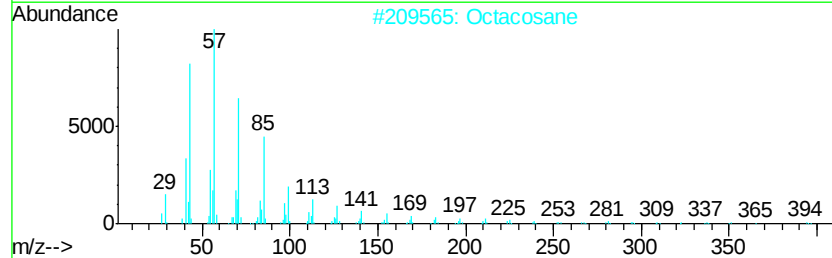
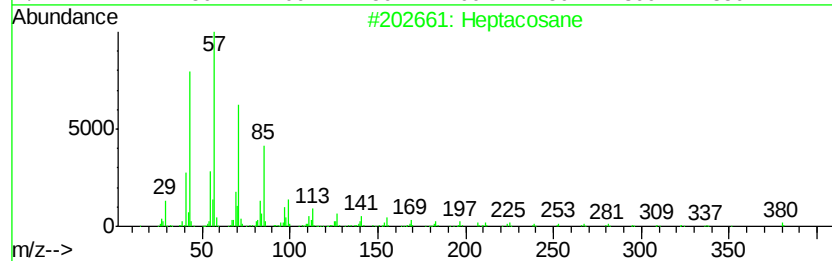
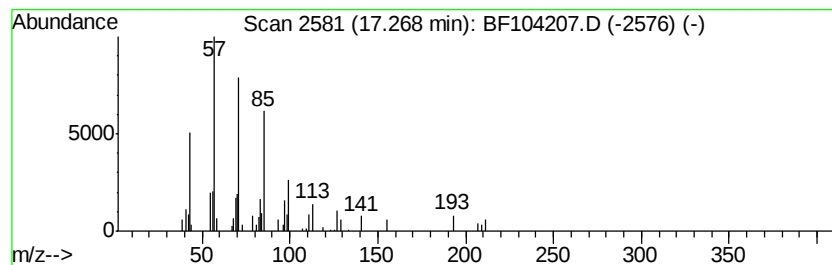
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	2.80 ng	83551	Perylene-d12	15.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Octacosane		394	C28H58	000630-02-4	90
3	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Heneicosane		296	C21H44	000629-94-7	87
5	Hexacosane		366	C26H54	000630-01-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040318\
Data File : BF104207.D
Acq On : 4 Apr 2018 3:38
Operator : JU/SJ
Sample : J2182-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
6-WM-DIP-1-EW@5.5

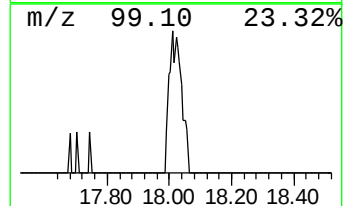
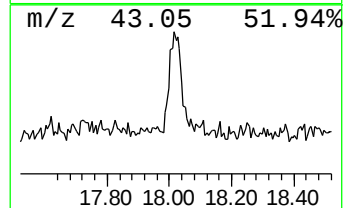
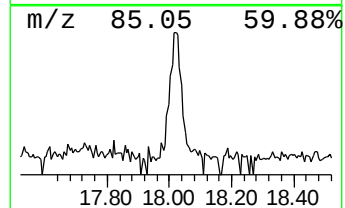
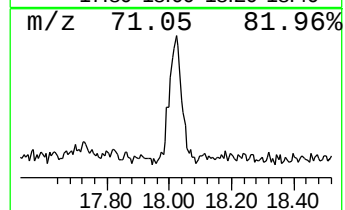
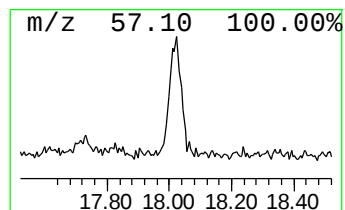
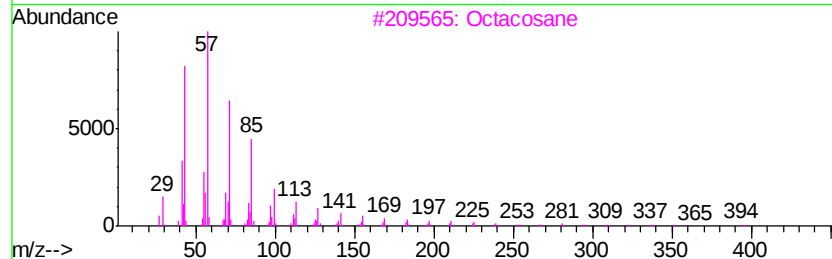
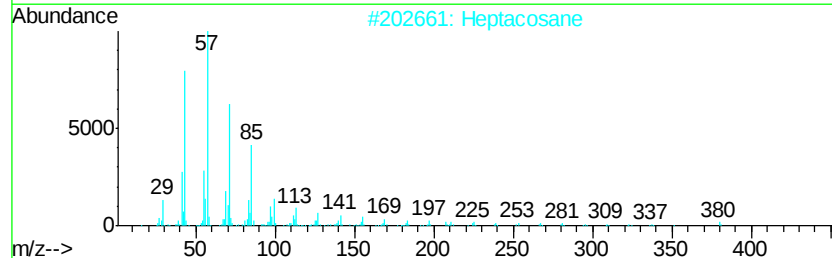
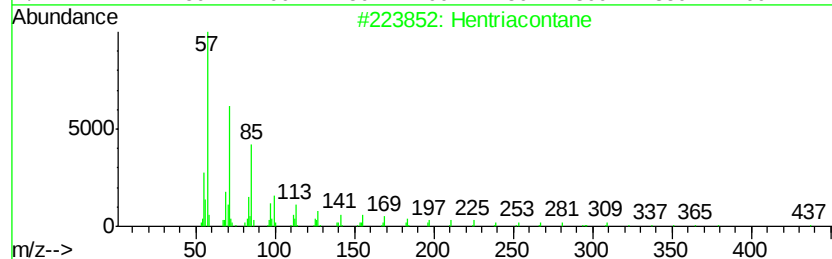
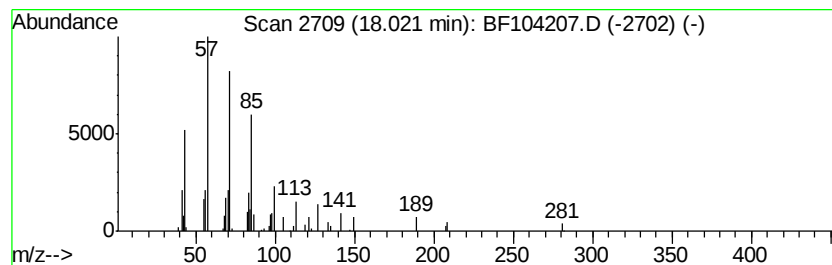
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.47 ng	73865	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Heptacosane	380	C27H56	000593-49-7	87
3		Octacosane	394	C28H58	000630-02-4	86
4		Hexacosane	366	C26H54	000630-01-3	86
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040318\
Data File : BF104207.D
Acq On : 4 Apr 2018 3:38
Operator : JU/SJ
Sample : J2182-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-1-EW@5.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	5.21	4.0	ng	131503	1	6.96	651093	20.0
unknown6.73	6.73	106.4	ng	3463900	1	6.96	651093	20.0
Dodecane	10.87	3.3	ng	164505	4	11.49	990933	20.0
Behenic alcohol	13.95	9.7	ng	347002	5	14.15	713920	20.0
9-Octadecenamide, ...	14.89	16.9	ng	604791	5	14.15	713920	20.0
2-methyloctacosane	16.11	2.7	ng	80629	6	15.69	597851	20.0
Eicosane	16.64	3.1	ng	92458	6	15.69	597851	20.0
Heptacosane	17.27	2.8	ng	83551	6	15.69	597851	20.0
Hentriacontane	18.02	2.5	ng	73865	6	15.69	597851	20.0