

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030718\
 Data File : BM014505.D
 Acq On : 06 Mar 2018 19:24
 Operator : SJ/JU
 Sample : J1699-33
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B9

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_M\METHODS\8270-BM020718.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	5.134	360	365	384	rVB	1652589	2534227	28.90%	5.023%
2	6.716	627	634	652	rBV	1381382	2517418	28.71%	4.990%
3	7.045	684	690	703	rBV	1832434	2781985	31.73%	5.514%
4	7.504	762	768	777	rVB	444767	704990	8.04%	1.397%
5	7.816	814	821	831	rBV	1419627	2291713	26.14%	4.542%
6	8.669	959	966	985	rBV	897597	1830192	20.87%	3.628%
7	10.275	1232	1239	1254	rBV	421638	886608	10.11%	1.757%
8	12.492	1610	1616	1625	rVB2	62220	115406	1.32%	0.229%
9	12.774	1655	1664	1679	rBV	2139258	3639685	41.51%	7.214%
10	13.151	1722	1728	1738	rBV6	29194	89053	1.02%	0.177%
11	14.169	1895	1901	1917	rBV3	613496	1025282	11.69%	2.032%
12	15.680	2152	2158	2173	rBV2	1438418	2472351	28.20%	4.900%
13	16.086	2221	2227	2233	rBV3	73768	125837	1.44%	0.249%
14	16.933	2365	2371	2382	rBV	659701	1036253	11.82%	2.054%
15	17.221	2416	2420	2425	rBV	123166	154265	1.76%	0.306%
16	17.474	2459	2463	2467	rVB3	113836	142840	1.63%	0.283%
17	17.604	2480	2485	2492	rVB	2645165	3127903	35.67%	6.200%
18	17.839	2519	2525	2531	rBV2	220332	348821	3.98%	0.691%
19	17.904	2531	2536	2542	rVB	776400	1001371	11.42%	1.985%
20	18.756	2676	2681	2684	rBV	5570850	6982915	79.64%	13.840%
21	18.792	2684	2687	2698	rVB	7260094	8768637	100.00%	17.380%
22	18.927	2705	2710	2715	rVB	1071893	1293948	14.76%	2.565%
23	19.133	2741	2745	2754	rBV4	131276	224658	2.56%	0.445%
24	19.580	2816	2821	2827	rBV	2966843	3535339	40.32%	7.007%
25	19.886	2870	2873	2877	rBV2	86459	113121	1.29%	0.224%
26	19.921	2877	2879	2885	rVB4	78639	99419	1.13%	0.197%
27	20.386	2954	2958	2962	rBV4	93255	107990	1.23%	0.214%
28	20.856	3034	3038	3047	rBV3	188534	242816	2.77%	0.481%
29	20.992	3058	3061	3068	rVB7	68308	87721	1.00%	0.174%
30	21.150	3084	3088	3095	rBV	783502	1090015	12.43%	2.160%
31	23.333	3453	3459	3468	rVB	533441	1080269	12.32%	2.141%

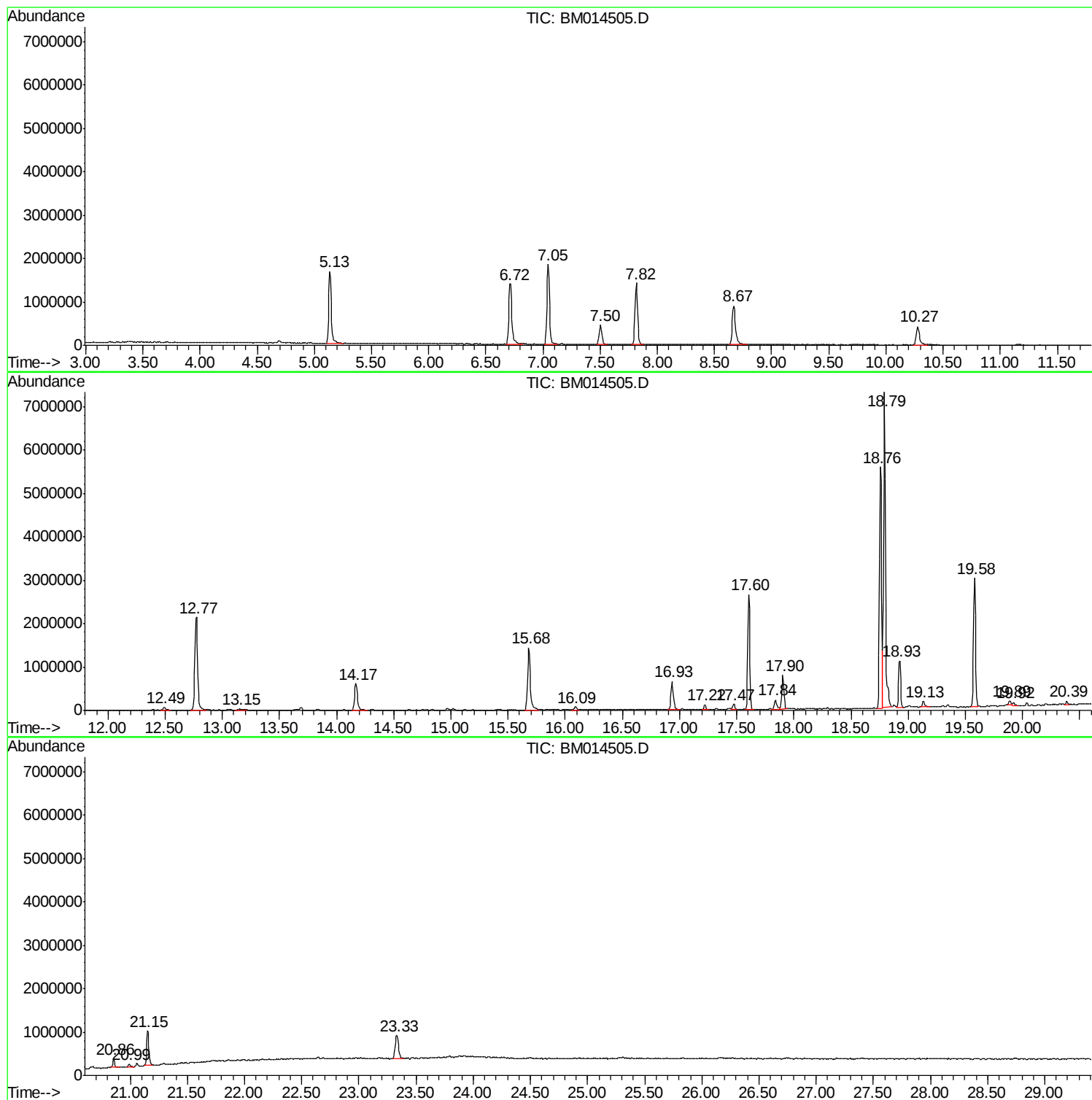
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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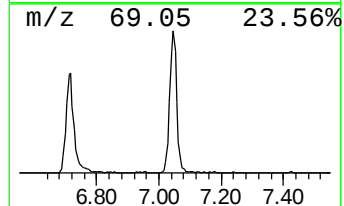
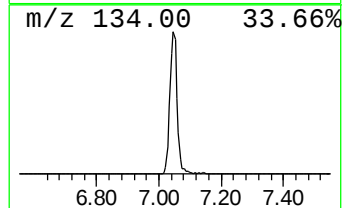
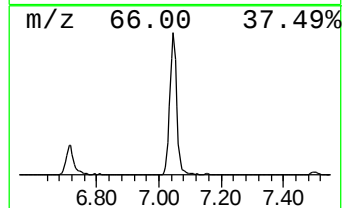
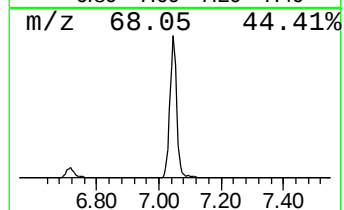
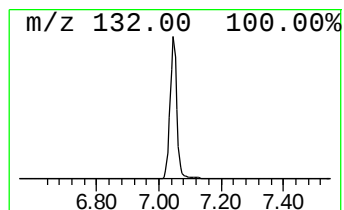
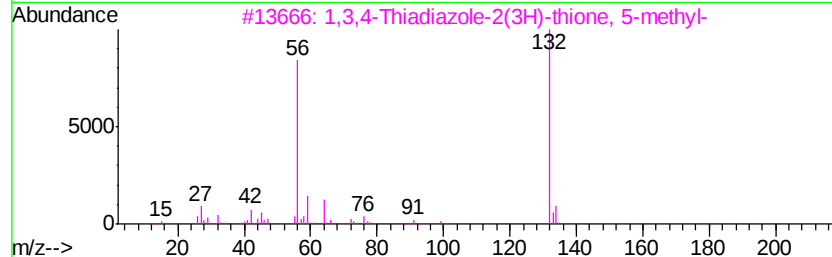
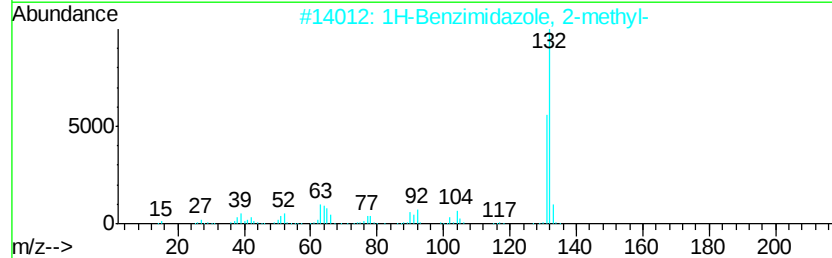
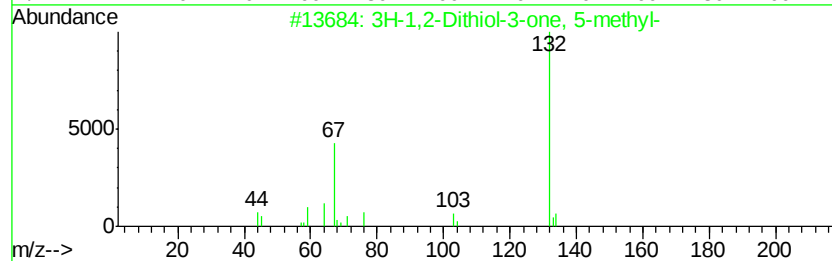
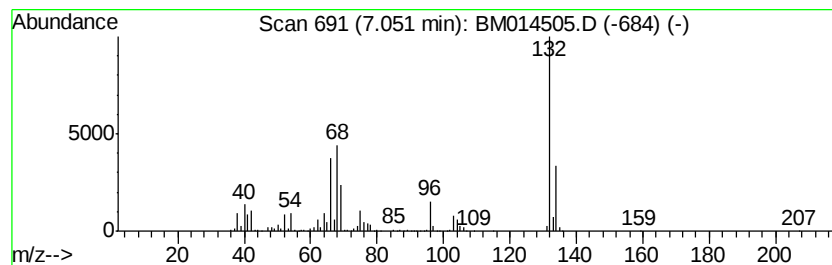
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	78.92 ng	2781990	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12



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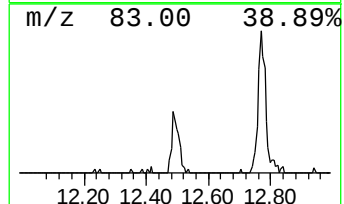
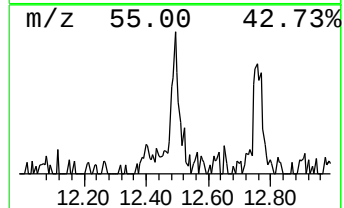
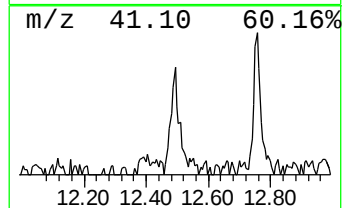
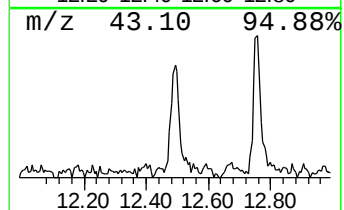
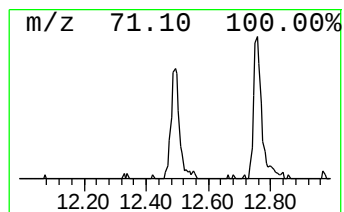
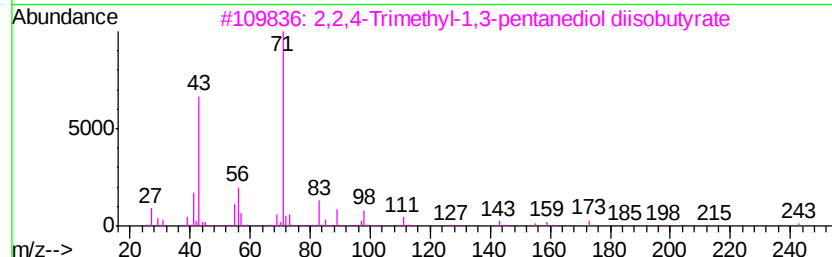
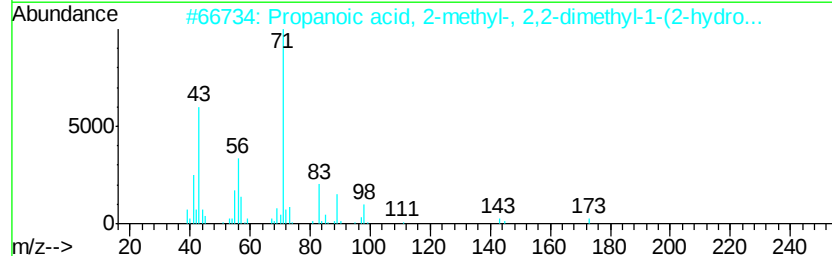
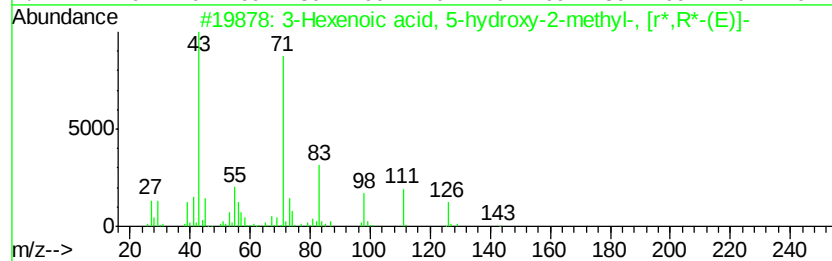
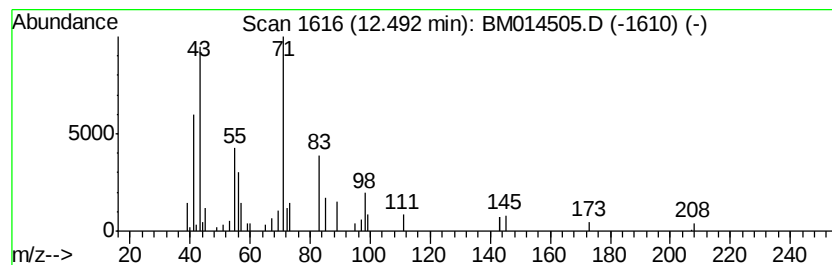
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Peak Number 3 3-Hexenoic acid, 5-hydroxy-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.25 ng	115406	Acenaphthene-d10	14.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	53
2		Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	53
3		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	50
4		1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	38
5		Propanoic acid, 2-methyl-, 2-eth...	286	C16H30O4	074367-30-9	38



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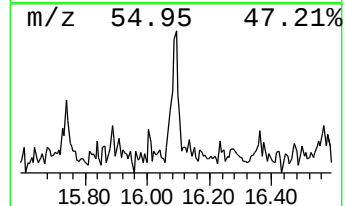
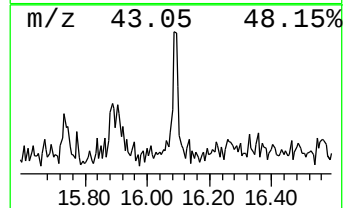
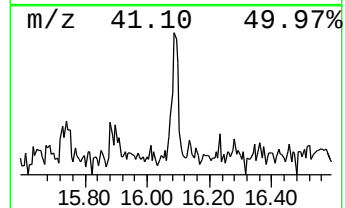
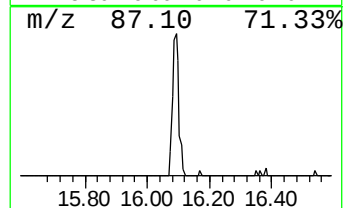
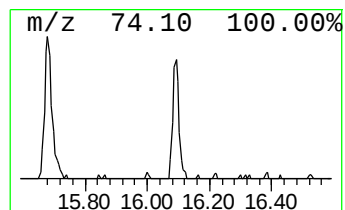
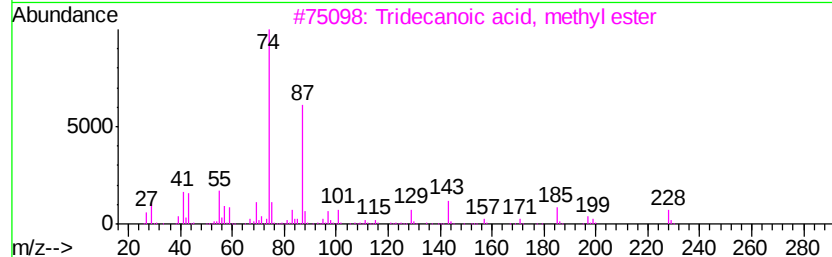
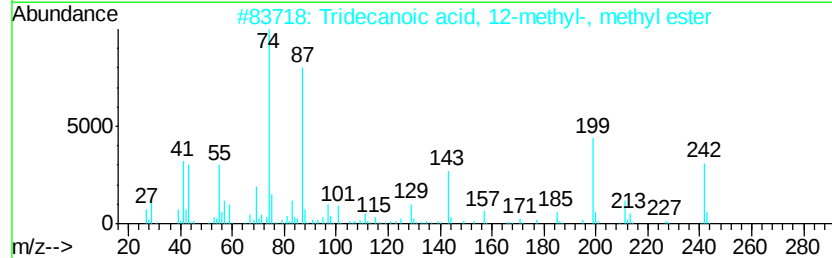
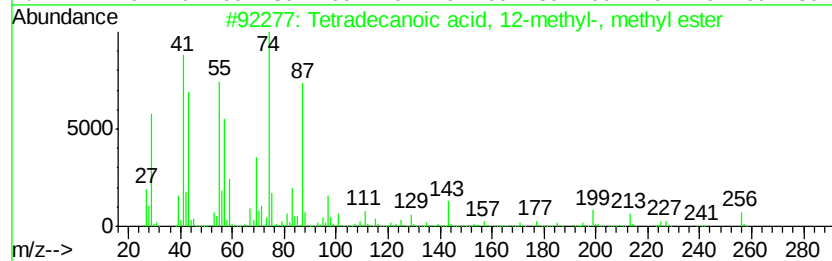
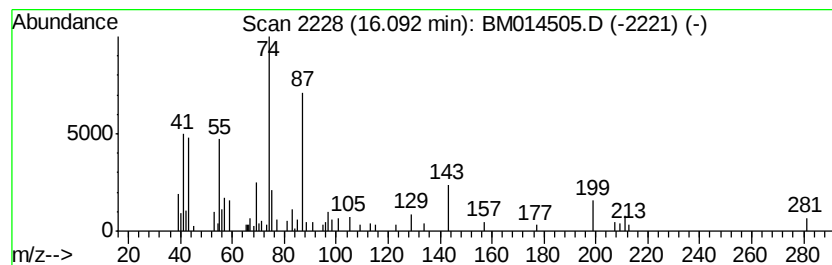
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Peak Number 4 Tetradecanoic acid, 12-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.43 ng	125837	Phenanthrene-d10	16.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid, 12-methyl-, ...	256	C16H32O2	005129-66-8	78
2		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	74
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	72
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	64
5		9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	64



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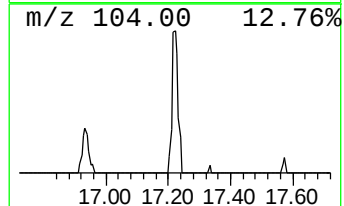
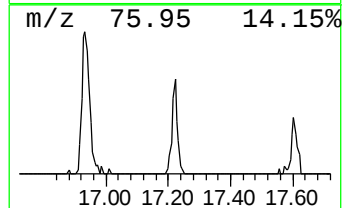
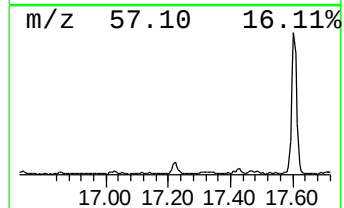
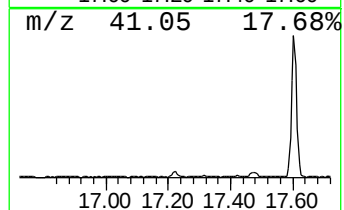
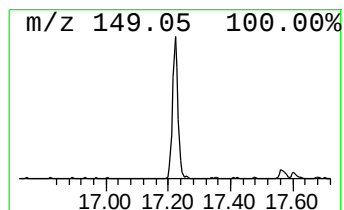
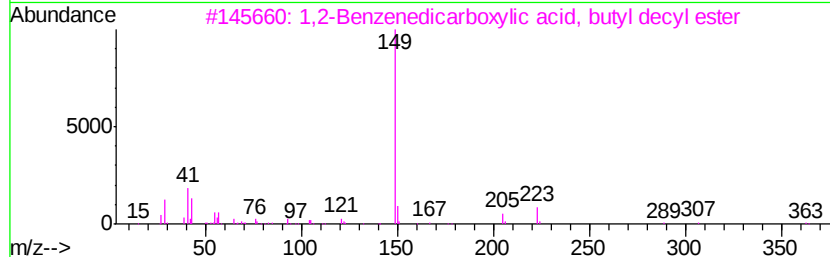
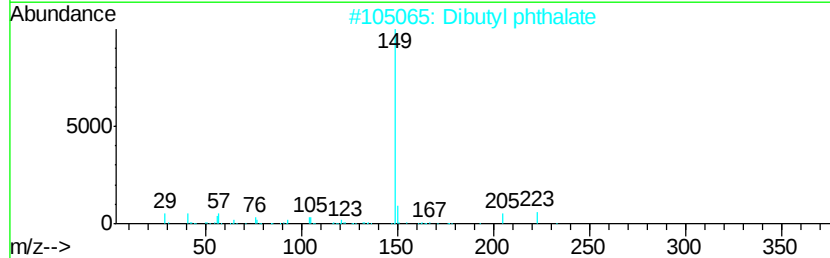
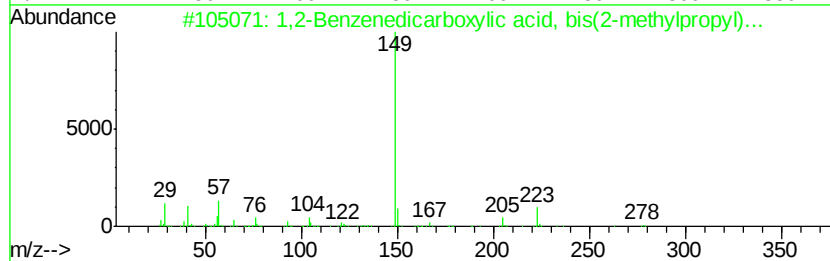
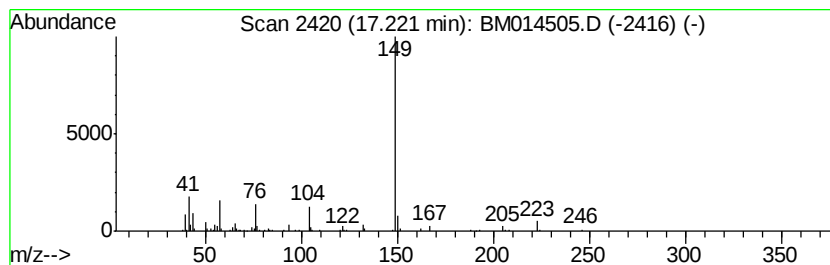
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Peak Number 5 1,2-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.98 ng	154265	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	72
2		Dibutyl phthalate	278	C16H22O4	000084-74-2	64
3		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	59
4		1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	53
5		1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	53



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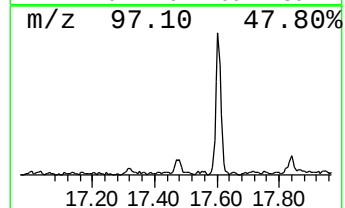
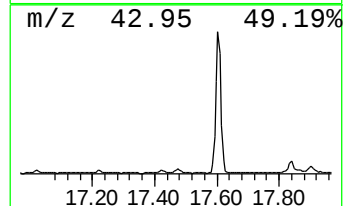
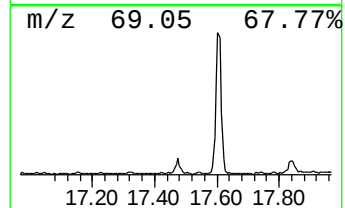
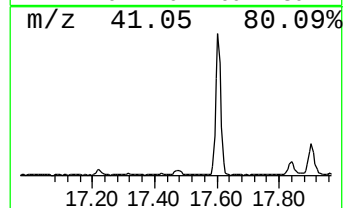
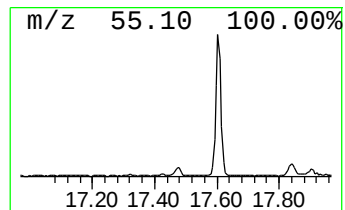
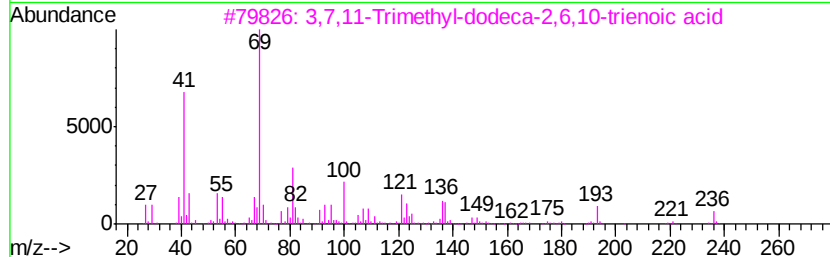
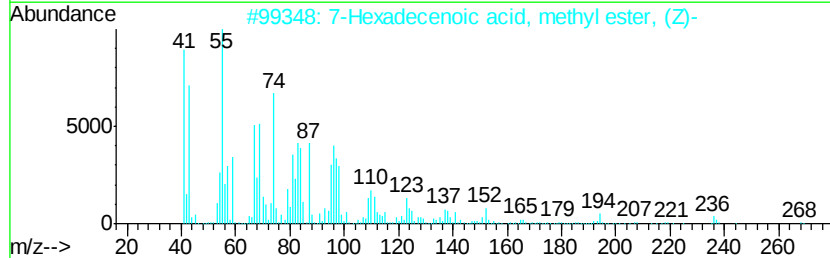
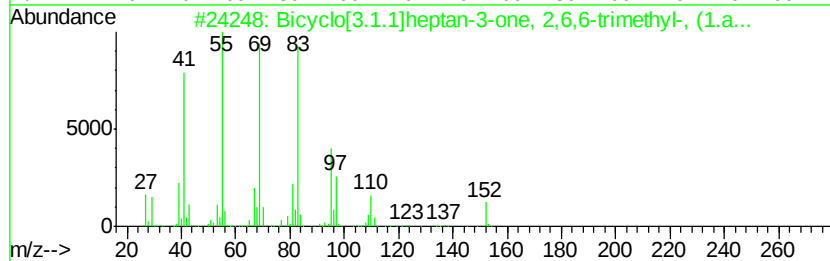
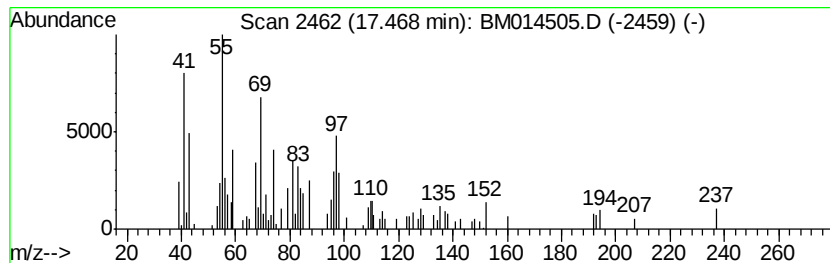
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Peak Number 6 unknown17.47 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	2.76 ng	142840	Phenanthrene-d10	16.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	41
2			7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	38
3			3,7,11-Trimethyl-dodeca-2,6,10-t...	236	C15H24O2	007548-13-2	35
4			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	30
5			3-Penten-2-one	84	C5H8O	000625-33-2	25



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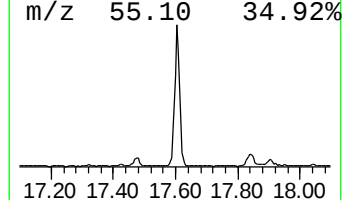
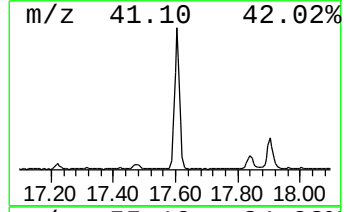
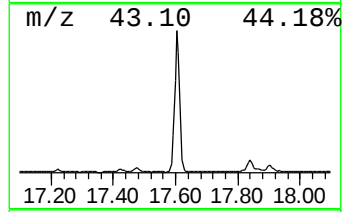
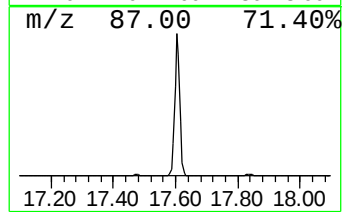
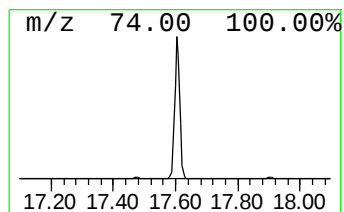
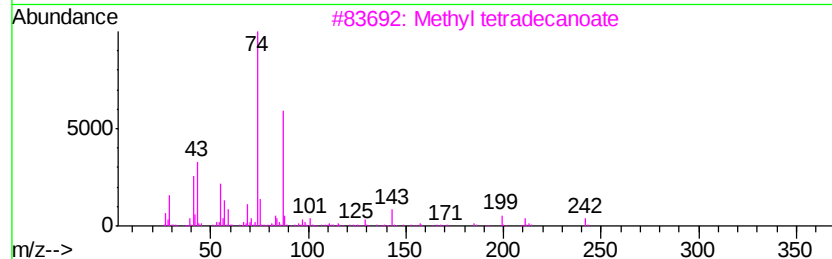
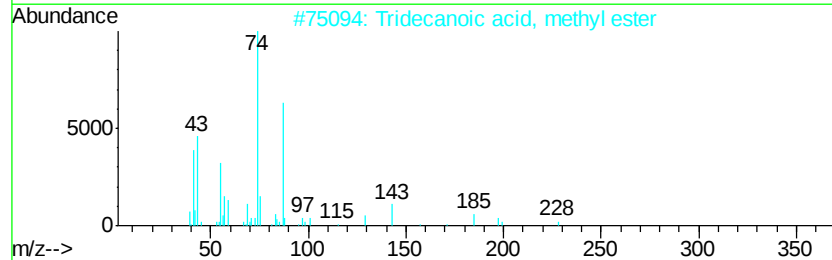
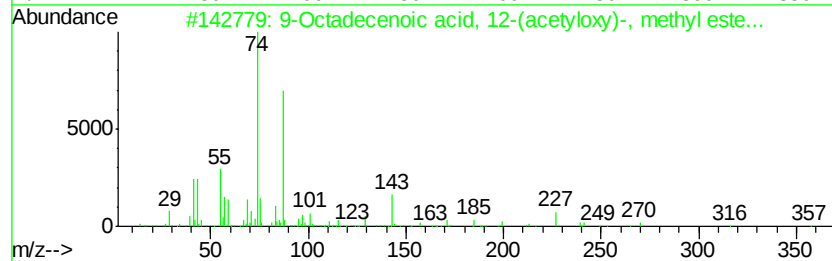
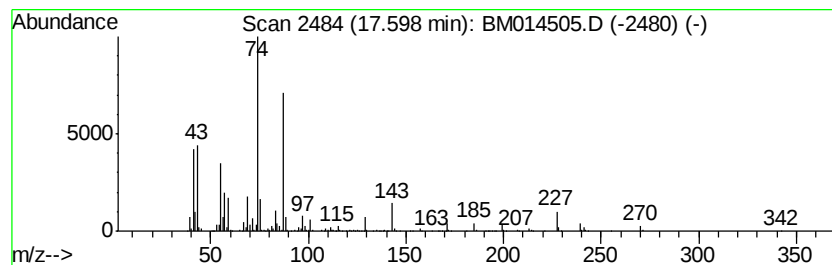
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9-Octadecenoic acid, 12-(ac... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	60.37 ng	3127900	Phenanthrene-d10	16.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	91
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014505.D
Acq On : 06 Mar 2018 19:24
Operator : SJ/JU
Sample : J1699-33
Misc :
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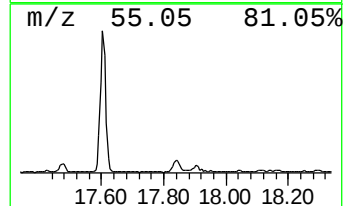
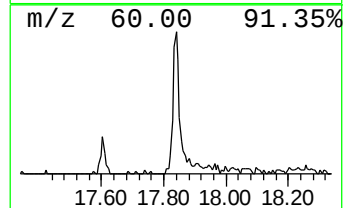
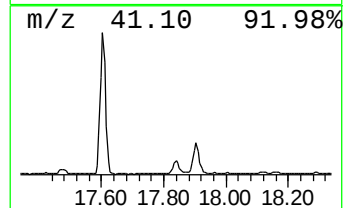
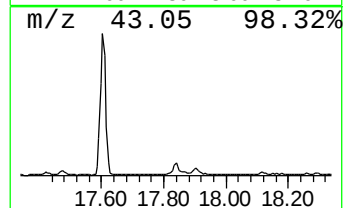
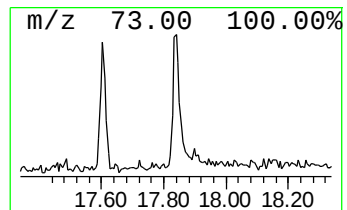
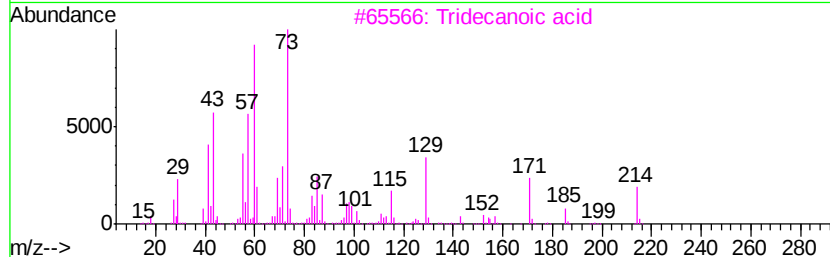
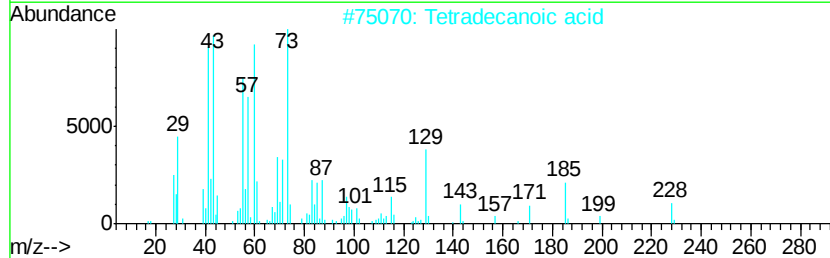
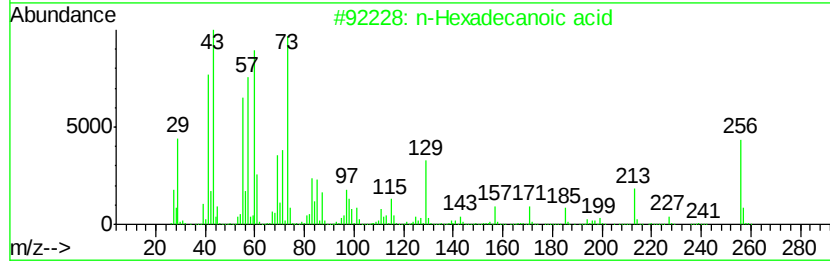
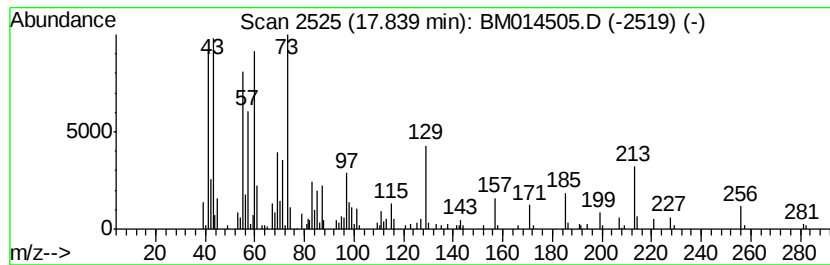
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.84	6.73 ng	348821	Phenanthrene-d10	16.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014505.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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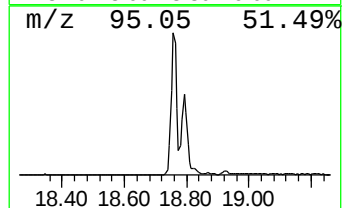
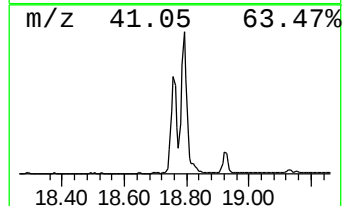
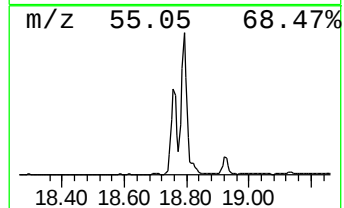
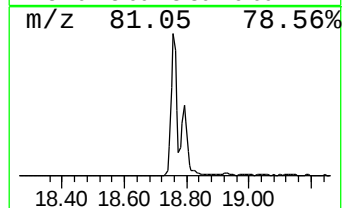
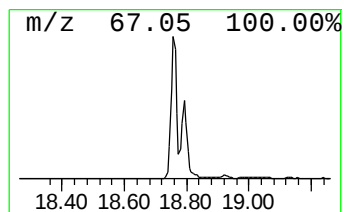
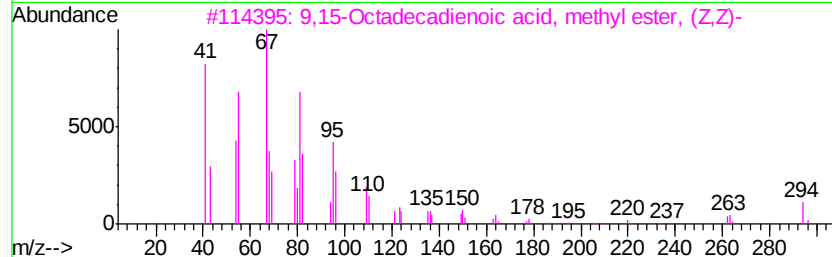
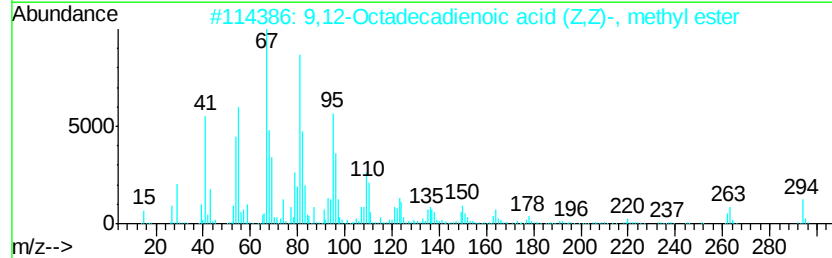
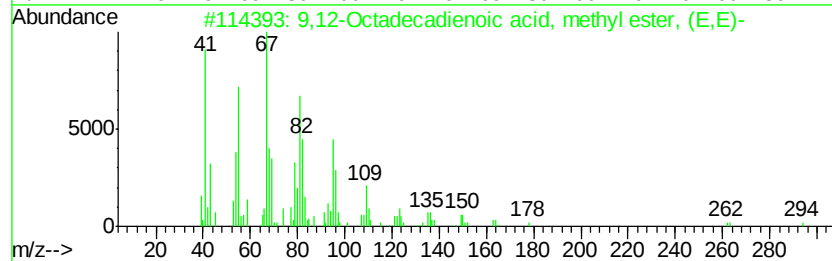
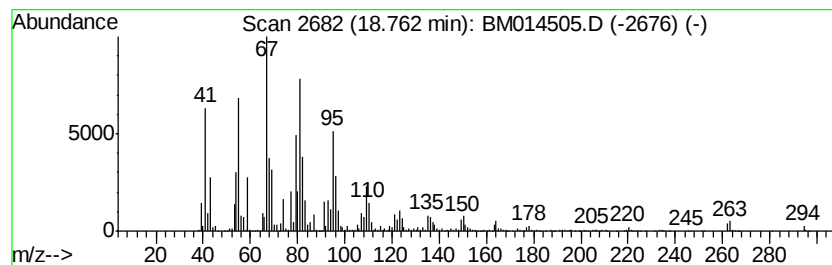
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	134.77 ng	6982920	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	95
5		9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	90



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014505.D
Acq On : 06 Mar 2018 19:24
Operator : SJ/JU
Sample : J1699-33
Misc :
ALS Vial : 7 Sample Multiplier: 1

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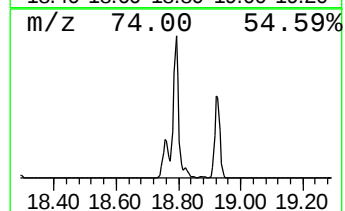
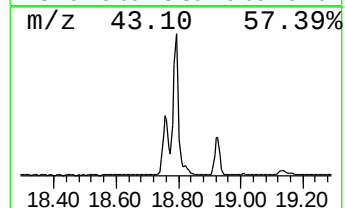
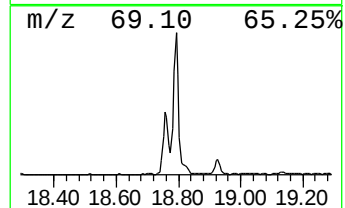
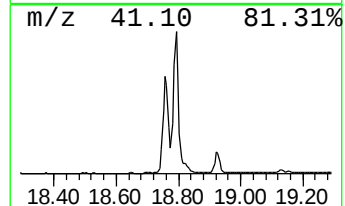
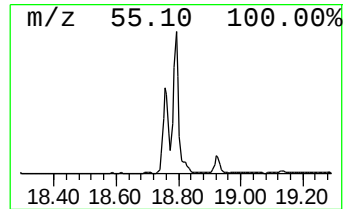
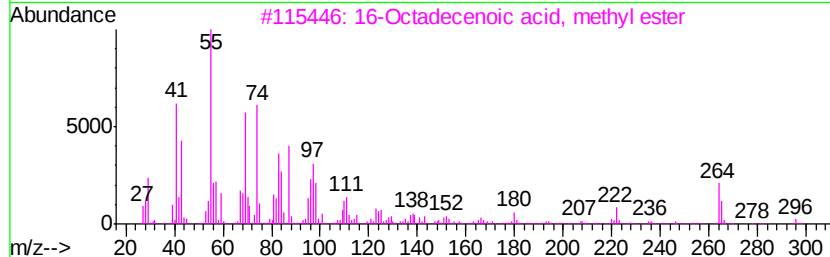
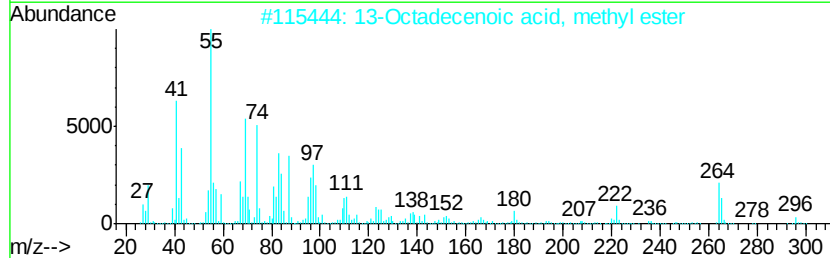
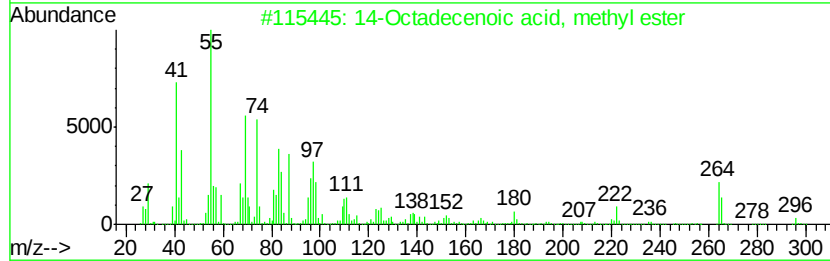
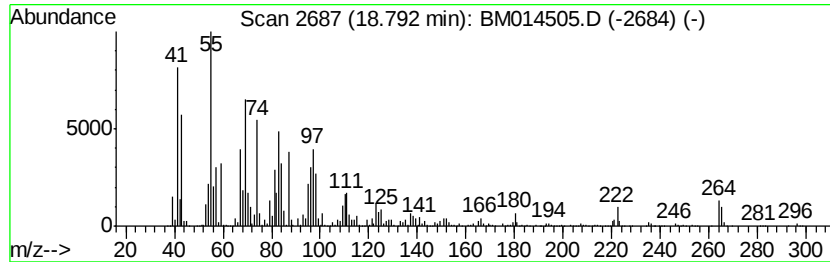
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 14-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	169.24 ng	8768640	Phenanthrene-d10	16.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030718\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

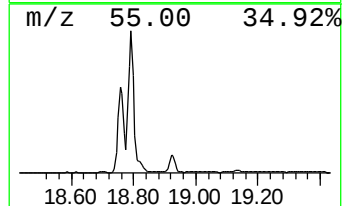
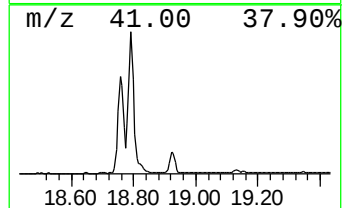
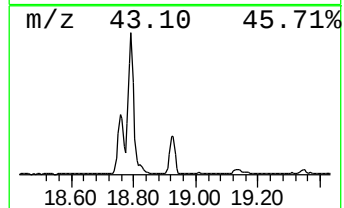
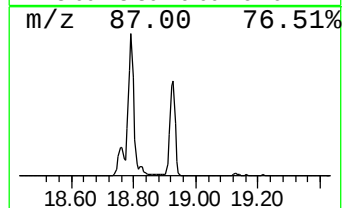
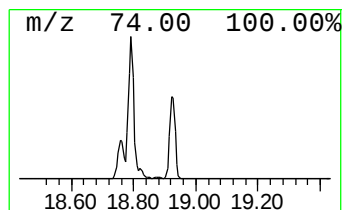
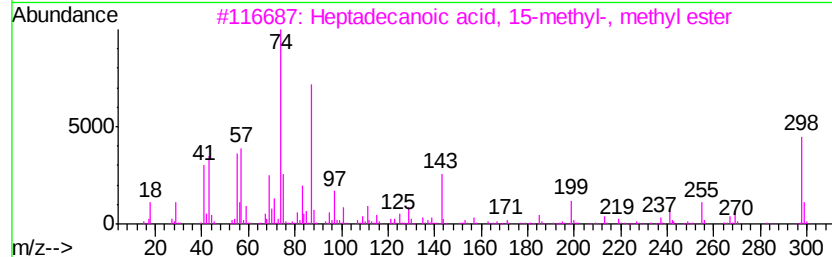
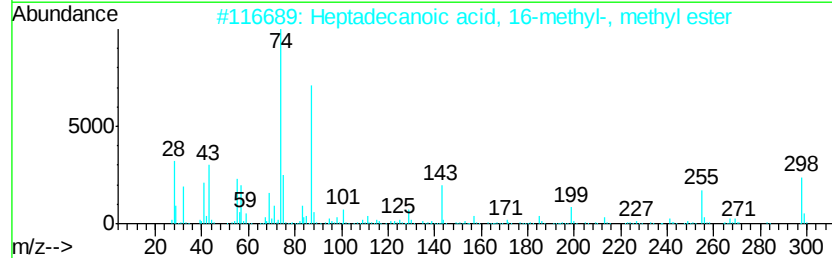
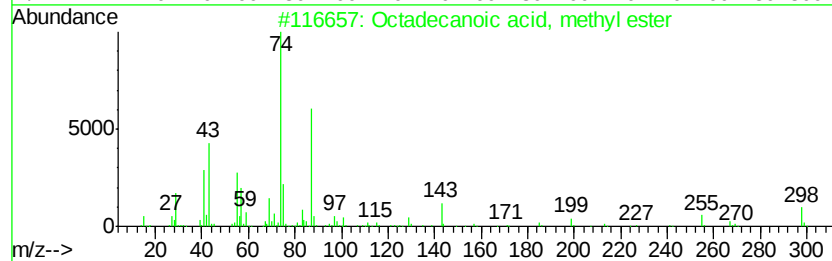
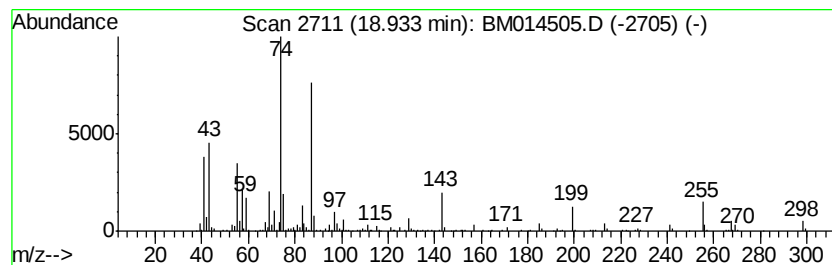
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.93	24.97 ng	1293950	Phenanthrene-d10		16.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	97
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3		Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	86
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	80



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014505.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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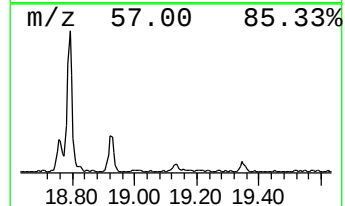
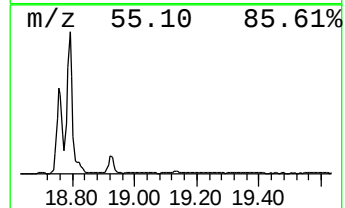
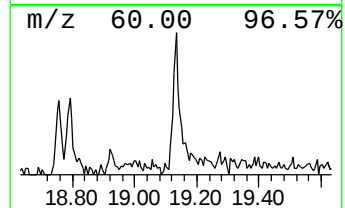
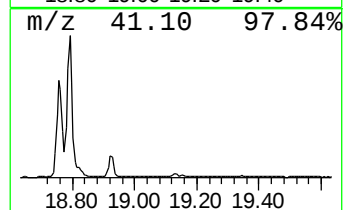
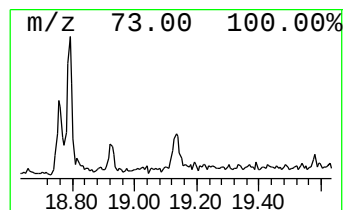
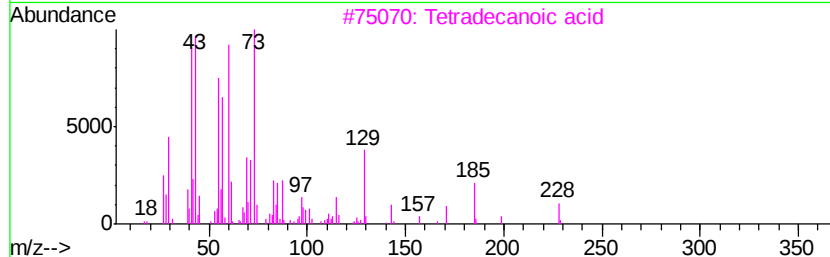
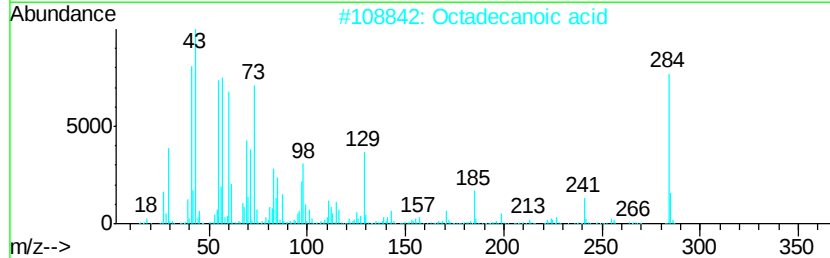
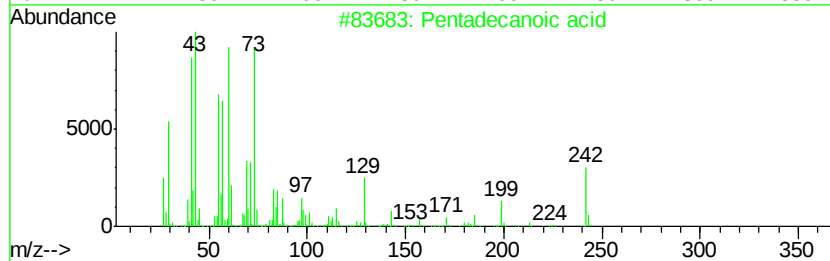
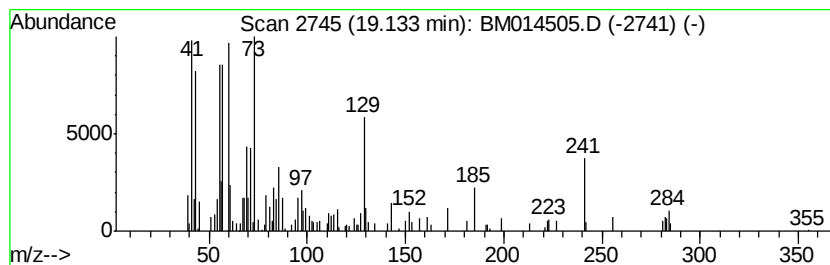
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	4.12 ng	224658	Chrysene-d12	21.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
2		Octadecanoic acid	284	C18H36O2	000057-11-4	80
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4		n-Decanoic acid	172	C10H20O2	000334-48-5	47
5		Tridecanoic acid	214	C13H26O2	000638-53-9	43



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Misc :
ALS Vial : 7 Sample Multiplier: 1

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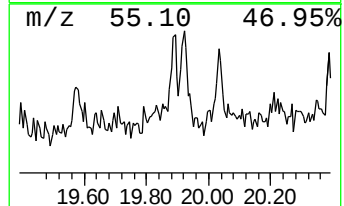
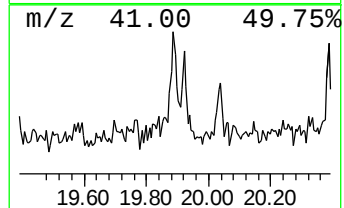
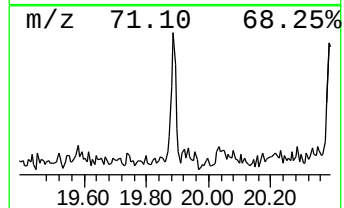
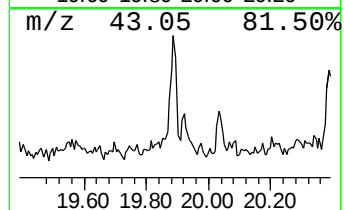
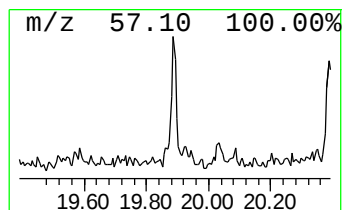
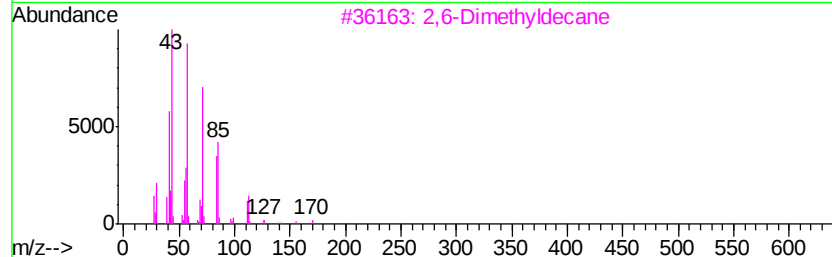
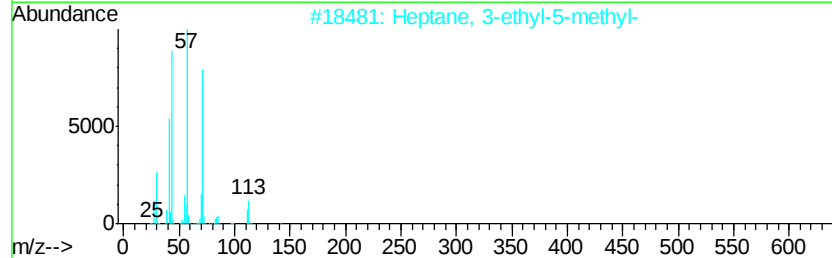
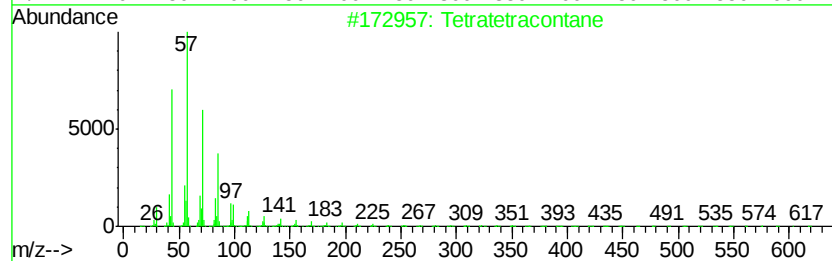
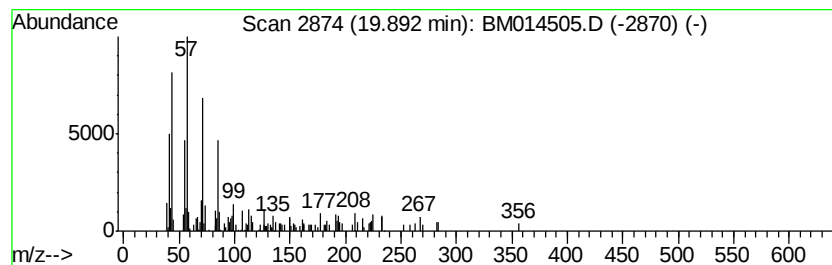
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetratetracontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.08 ng	113121	Chrysene-d12	21.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	68
2			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
3			2,6-Dimethyldecane	170	C12H26	013150-81-7	64
4			Hentriacontane	437	C31H64	000630-04-6	64
5			Dodecane	170	C12H26	000112-40-3	64



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Data File : BM014505.D
Acq On : 06 Mar 2018 19:24
Operator : SJ/JU
Sample : J1699-33
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B9

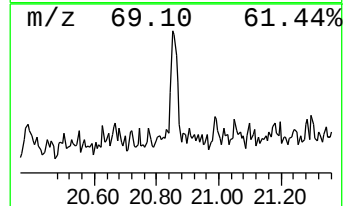
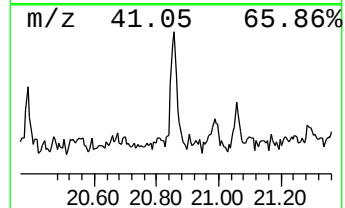
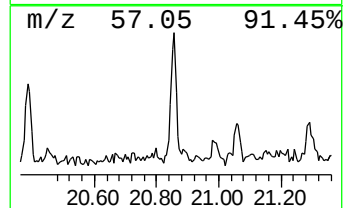
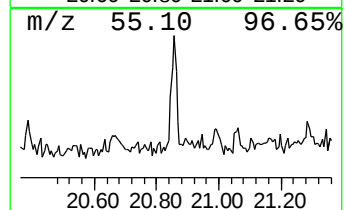
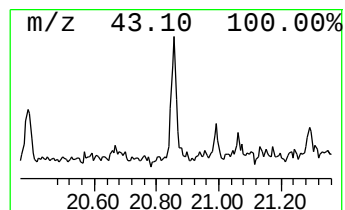
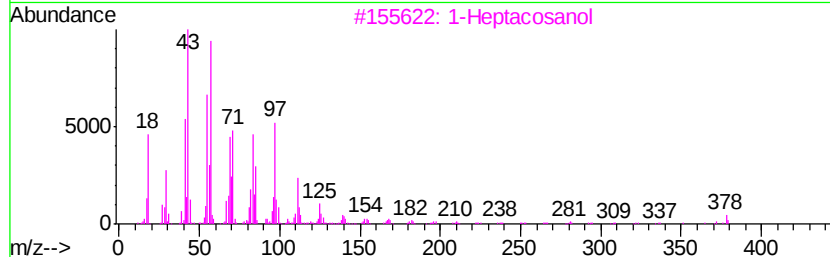
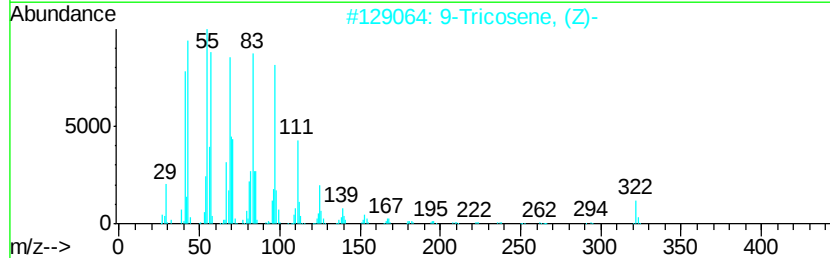
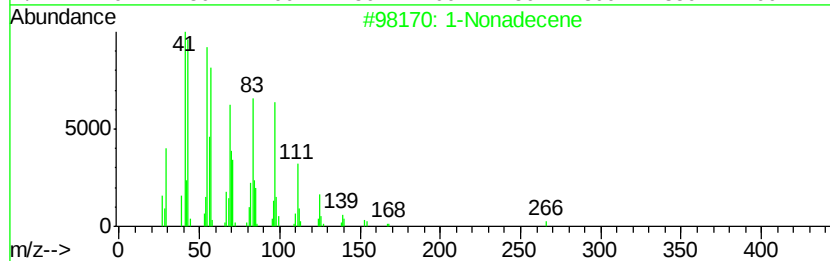
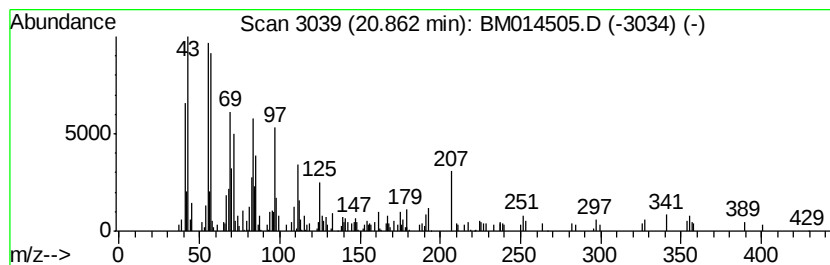
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.46 ng	242816	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	83
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	70
3		1-Heptacosanol	396	C27H56O	002004-39-9	64
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	53
5		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM030718\
Data File : BM014505.D
Acq On : 06 Mar 2018 19:24
Operator : SJ/JU
Sample : J1699-33
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.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
unknown7.05	7.05	78.9	ng	2781990	1	7.50	704990	20.0
3-Hexenoic acid, ...	12.49	2.3	ng	115406	3	14.17	1025280	20.0
Tetradecanoic aci...	16.09	2.4	ng	125837	4	16.93	1036250	20.0
1,2-Benzenedicarb...	17.22	3.0	ng	154265	4	16.93	1036250	20.0
unknown17.47	17.47	2.8	ng	142840	4	16.93	1036250	20.0
9-Octadecenoic ac...	17.60	60.4	ng	3127900	4	16.93	1036250	20.0
n-Hexadecanoic acid	17.84	6.7	ng	348821	4	16.93	1036250	20.0
9,12-Octadecadien...	18.76	134.8	ng	6982920	4	16.93	1036250	20.0
14-Octadecenoic a...	18.79	169.2	ng	8768640	4	16.93	1036250	20.0
Octadecanoic acid...	18.93	25.0	ng	1293950	4	16.93	1036250	20.0
Pentadecanoic acid	19.13	4.1	ng	224658	5	21.15	1090020	20.0
Tetratetracontane	19.89	2.1	ng	113121	5	21.15	1090020	20.0
1-Nonadecene	20.86	4.5	ng	242816	5	21.15	1090020	20.0