

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
 Data File : BF088519.D
 Acq On : 30 Jun 2016 4:47
 Operator : UM/SJ
 Sample : H3830-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-015

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-BF062916.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	1.655	4	6	9	rVB	959174	1365387	27.71%	4.208%
2	1.747	12	14	24	rVB	345462	636807	12.92%	1.962%
3	1.873	24	25	40	rVB	2635932	4927841	100.00%	15.186%
4	2.067	40	42	86	rVB2	150797	965460	19.59%	2.975%
5	3.061	126	129	142	rVB	55896	134457	2.73%	0.414%
6	4.993	295	298	302	rVB	305122	405459	8.23%	1.249%
7	5.416	332	335	337	rBV	2471798	2398069	48.66%	7.390%
8	6.444	422	425	428	rBV	1987166	2266569	46.00%	6.985%
9	6.582	435	437	440	rBV	1904826	2481250	50.35%	7.646%
10	6.822	456	458	460	rBV	945079	774725	15.72%	2.387%
11	6.982	469	472	474	rVB	2065486	2088447	42.38%	6.436%
12	7.382	504	507	509	rBV	1670199	1536211	31.17%	4.734%
13	8.102	568	570	572	rBV	900640	873185	17.72%	2.691%
14	9.176	662	664	667	rBV	1826558	2411263	48.93%	7.431%
15	9.576	697	699	701	rBV	119234	122367	2.48%	0.377%
16	9.668	705	707	709	rBV	60599	52417	1.06%	0.162%
17	9.850	721	723	726	rBV	783952	788647	16.00%	2.430%
18	10.639	789	792	794	rBV	1028094	1159725	23.53%	3.574%
19	11.325	850	852	855	rVB	531393	731845	14.85%	2.255%
20	11.862	898	899	902	rBV	58354	95768	1.94%	0.295%
21	12.388	943	945	948	rBV	48249	53349	1.08%	0.164%
22	12.651	966	968	975	rBV	46974	70379	1.43%	0.217%
23	12.914	989	991	994	rBV	2129958	2108860	42.79%	6.499%
24	13.165	1008	1013	1014	rBV	81138	106672	2.16%	0.329%
25	13.508	1040	1043	1044	rBV	83530	113018	2.29%	0.348%
26	13.817	1068	1070	1074	rBV2	309813	461974	9.37%	1.424%
27	13.954	1080	1082	1085	rBV	795875	876477	17.79%	2.701%
28	14.148	1096	1099	1101	rBV	173810	173051	3.51%	0.533%
29	14.457	1123	1126	1128	rBV	266402	351754	7.14%	1.084%
30	14.742	1149	1151	1158	rVB2	91865	169232	3.43%	0.522%
31	14.880	1161	1163	1165	rBV	49325	51981	1.05%	0.160%
32	15.062	1177	1179	1183	rVB	170825	255060	5.18%	0.786%
33	15.360	1202	1205	1208	rBV	600251	771957	15.67%	2.379%
34	15.611	1224	1227	1232	rBV2	85780	189173	3.84%	0.583%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.828	1244	1246	1248	rBV	126940	206774	4.20%	0.637%
36	15.874	1248	1250	1254	rVB3	86001	159055	3.23%	0.490%
37	16.571	1309	1311	1317	rVB2	60499	115794	2.35%	0.357%

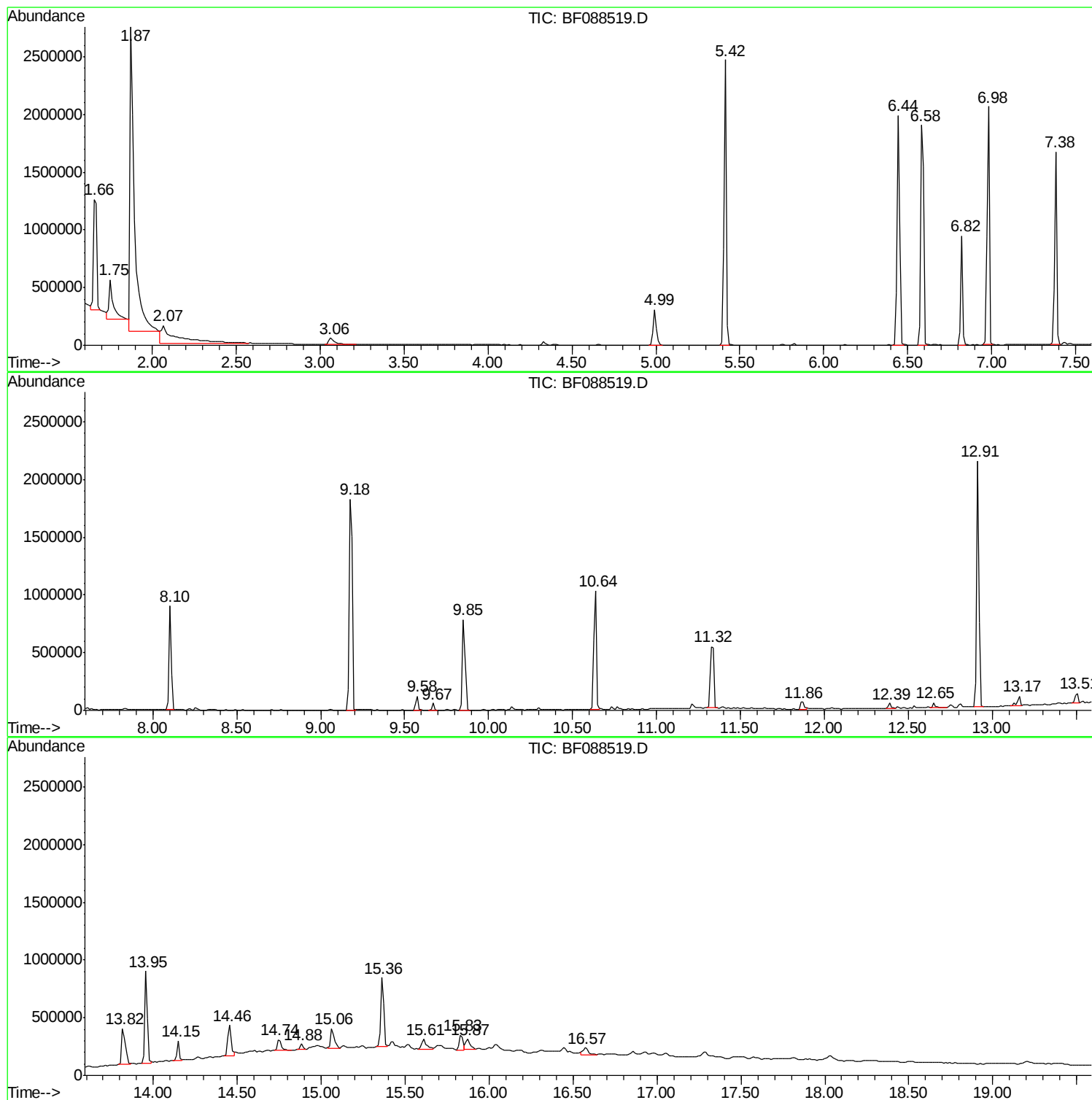
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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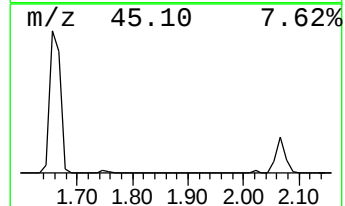
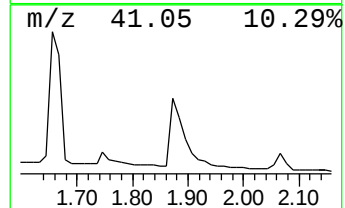
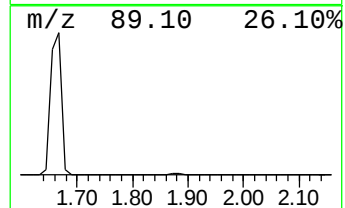
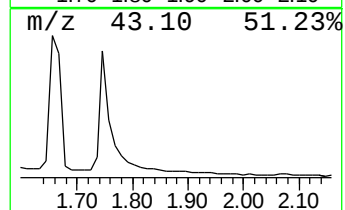
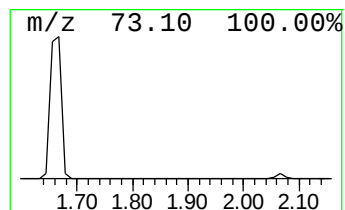
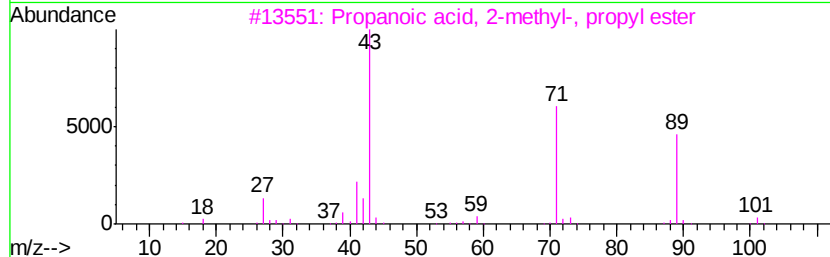
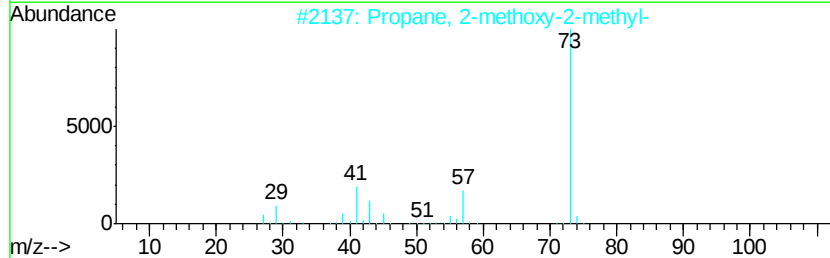
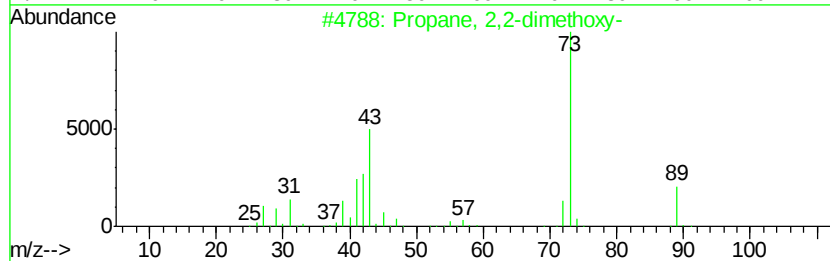
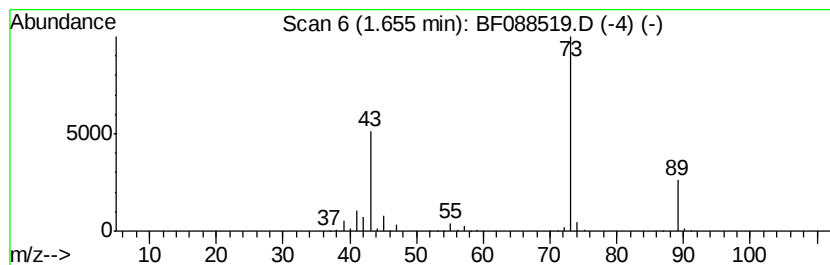
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.66 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	35.25 ng	1365390	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



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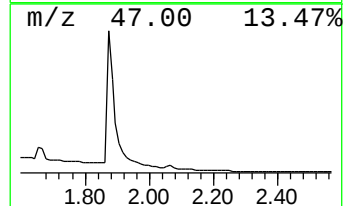
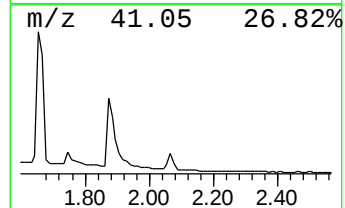
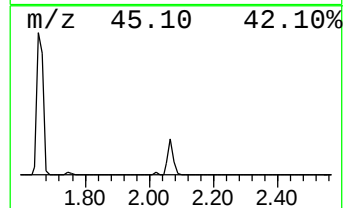
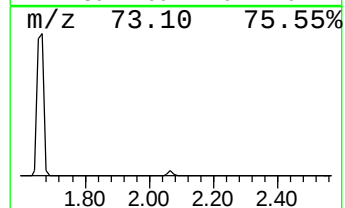
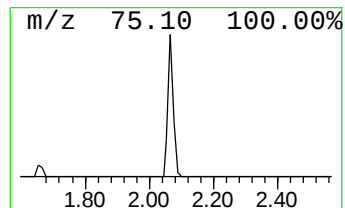
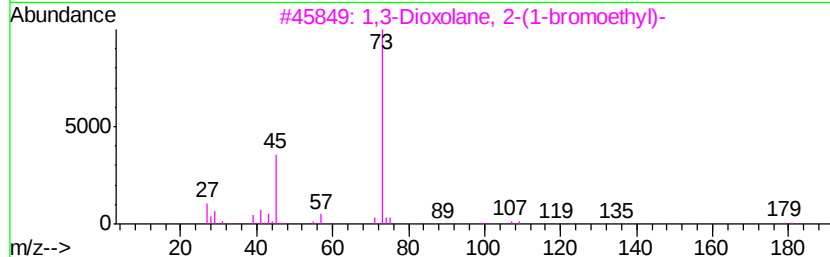
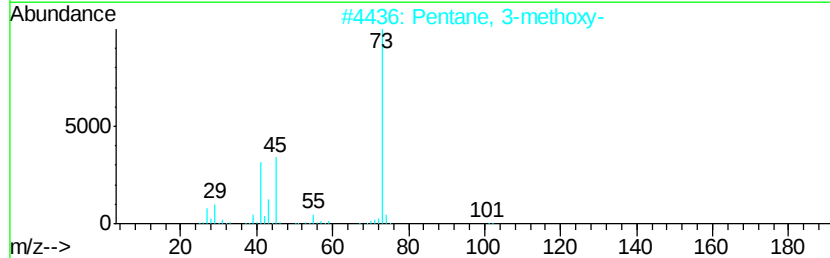
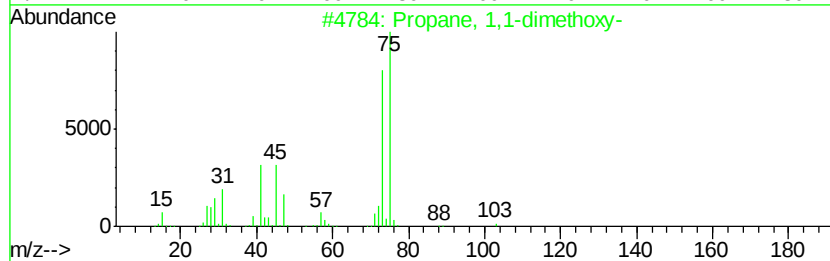
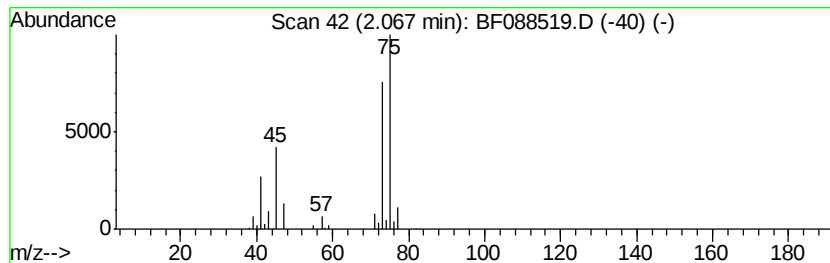
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	24.92 ng	965460	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	56
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
3		1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	9
4		Glycine	75	C2H5NO2	000056-40-6	7
5		Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	7



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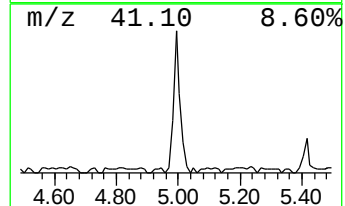
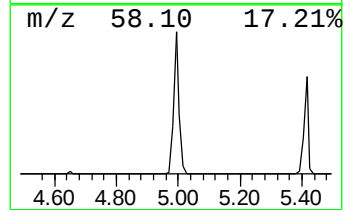
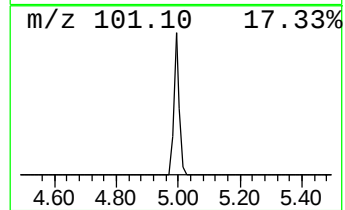
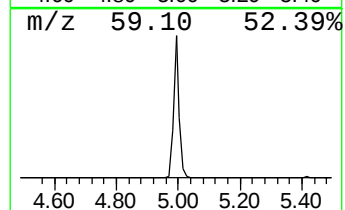
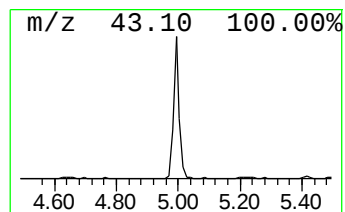
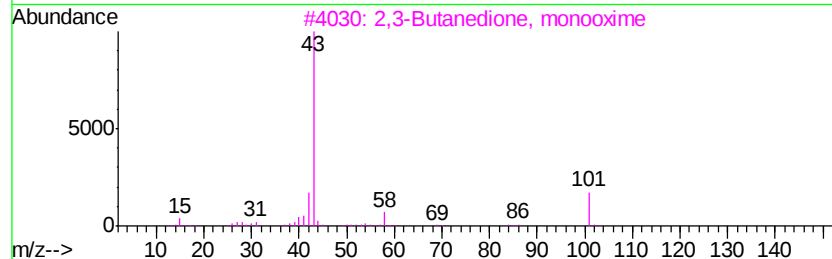
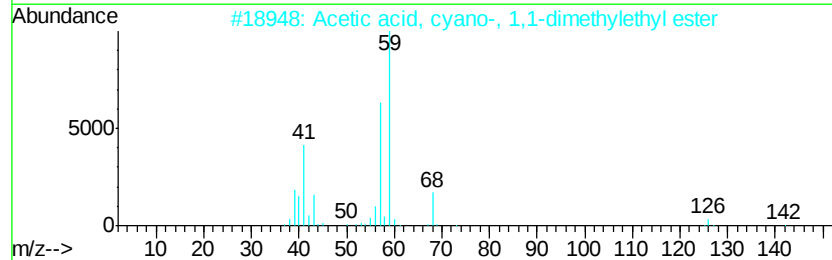
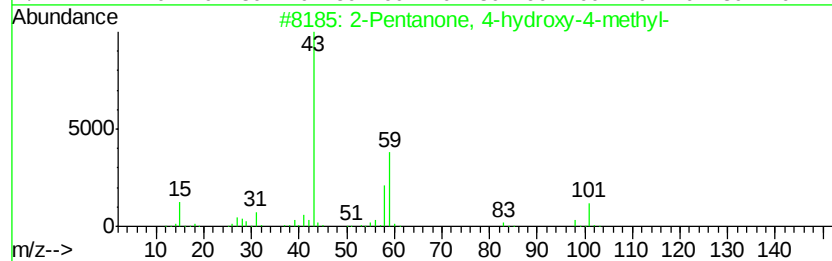
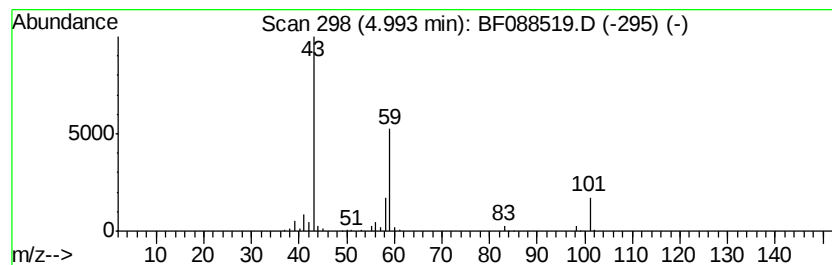
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	10.47 ng	405459	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9



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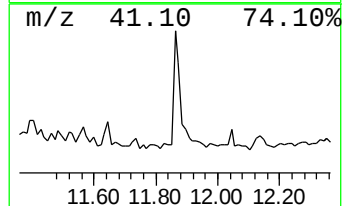
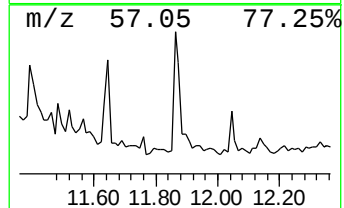
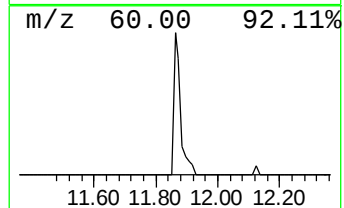
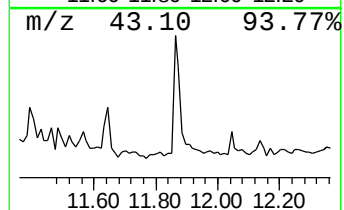
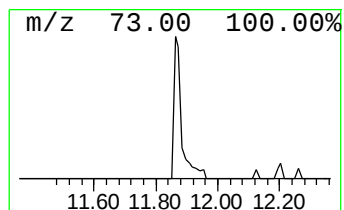
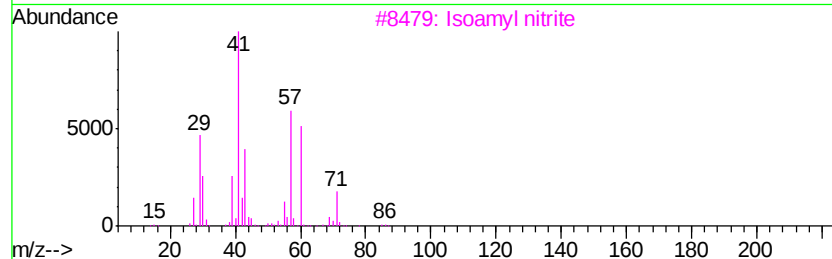
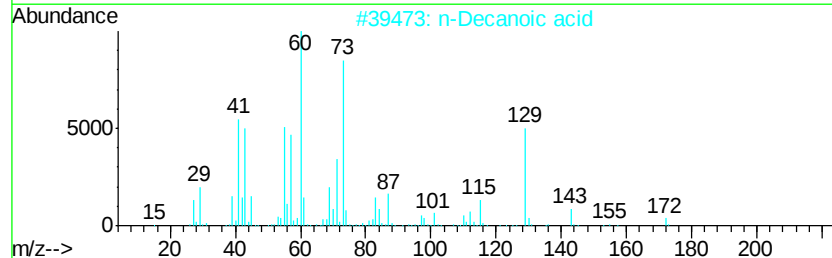
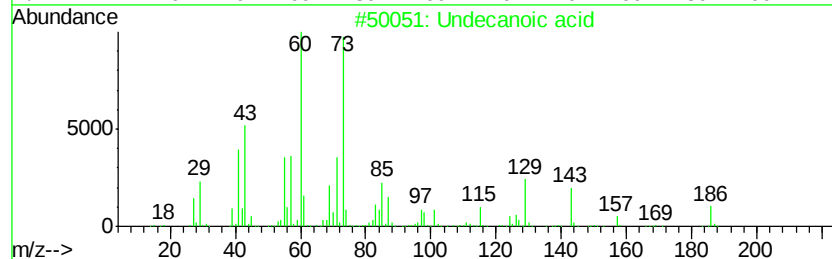
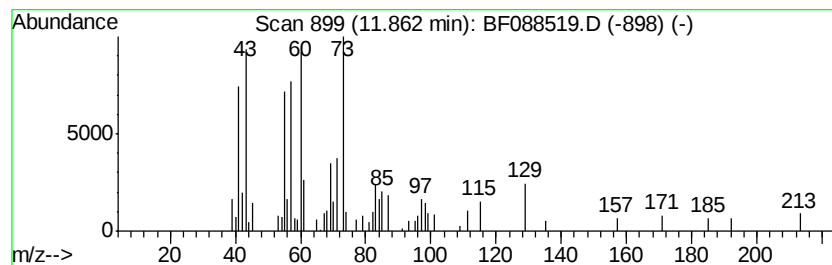
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.62 ng	95768	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecanoic acid	186	C11H22O2	000112-37-8	72
2		n-Decanoic acid	172	C10H20O2	000334-48-5	50
3		Isoamyl nitrite	117	C5H11NO2	000110-46-3	27
4		4-Tetradecanol	214	C14H30O	001653-33-4	22
5		1-Tetradecyl acetate	256	C16H32O2	000638-59-5	11



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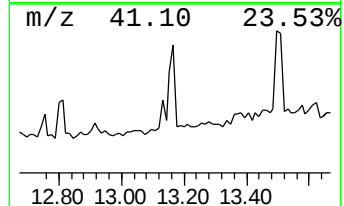
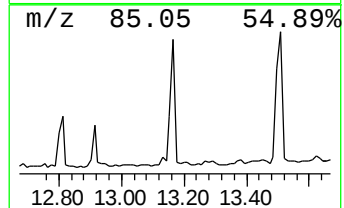
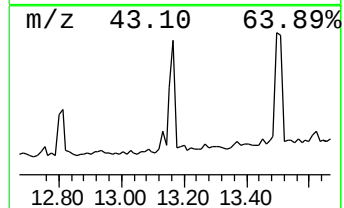
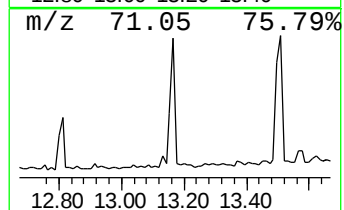
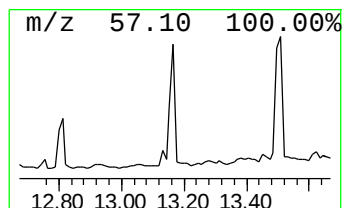
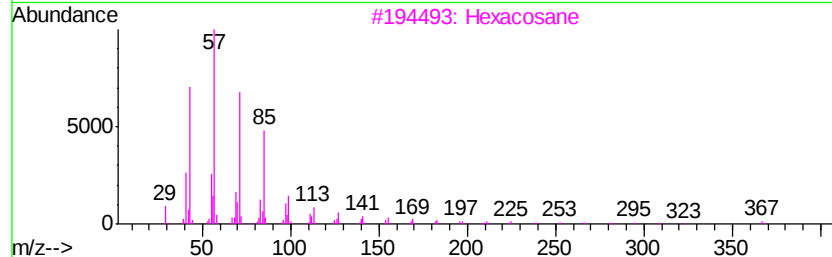
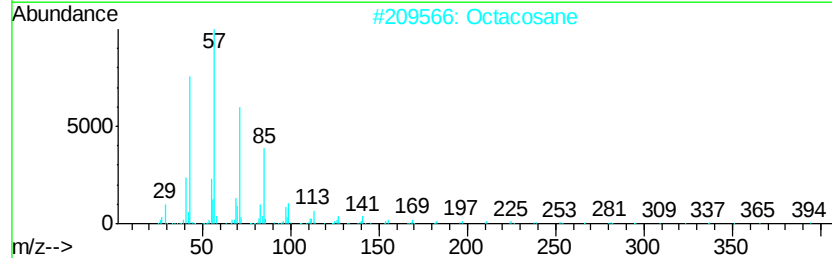
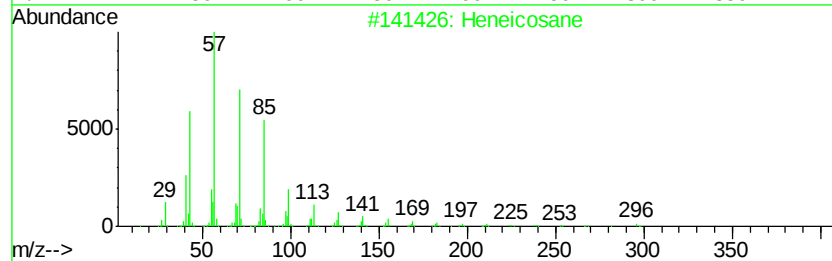
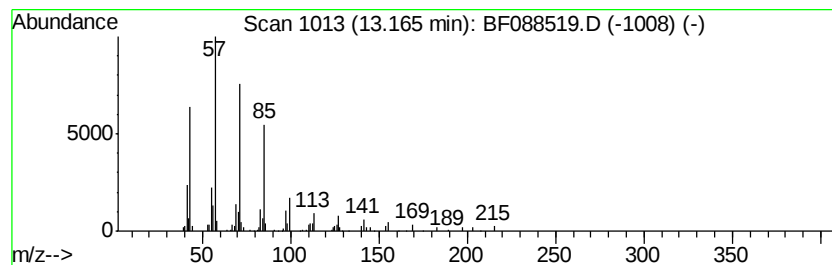
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Peak Number 10 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.43 ng	106672	Chrysene-d12	13.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	triacontane		422	C30H62	000638-68-6	91
5	Hexadecane		226	C16H34	000544-76-3	90



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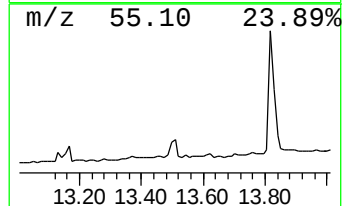
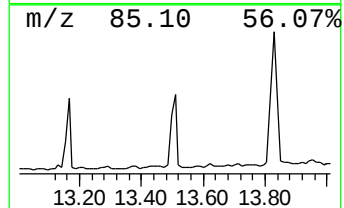
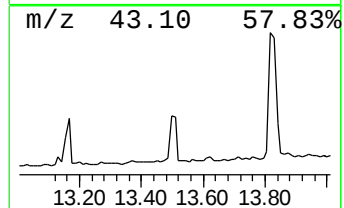
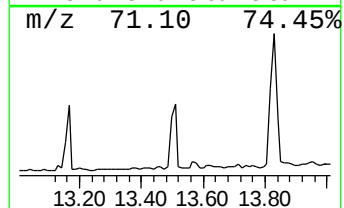
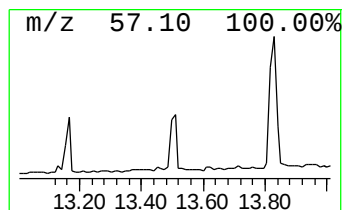
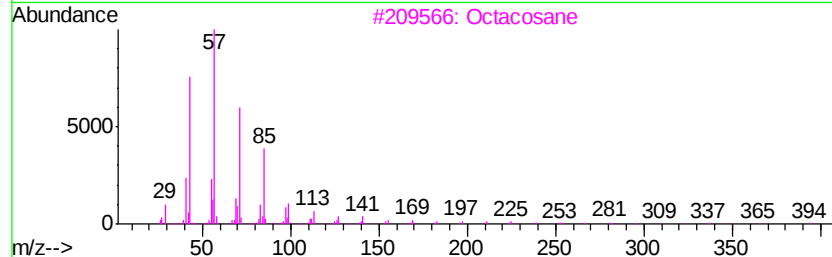
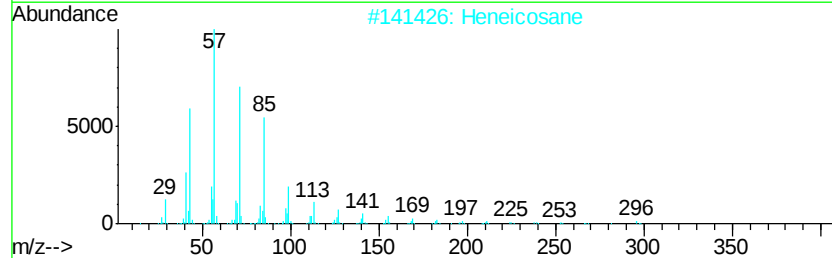
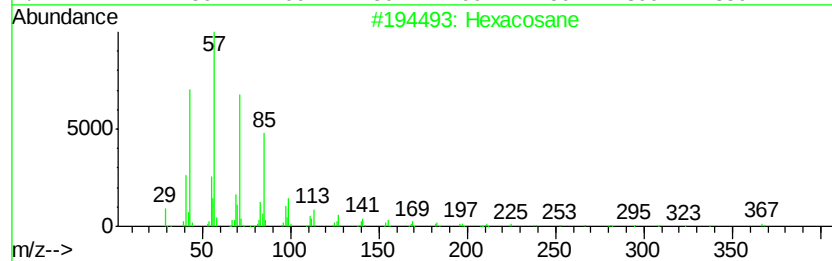
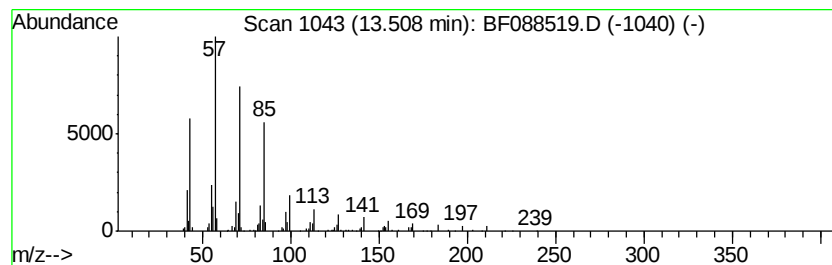
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.58 ng	113018	Chrysene-d12	13.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Triacontane	422	C30H62	000638-68-6	91
5			Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088519.D
Acq On : 30 Jun 2016 4:47
Operator : UM/SJ
Sample : H3830-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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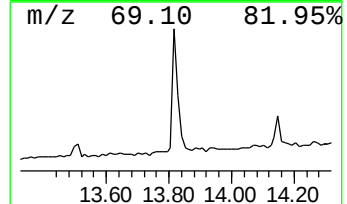
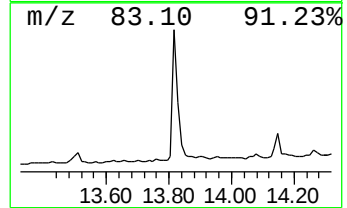
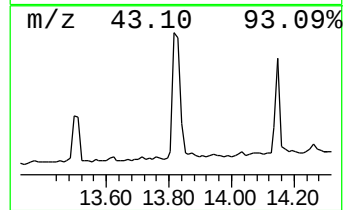
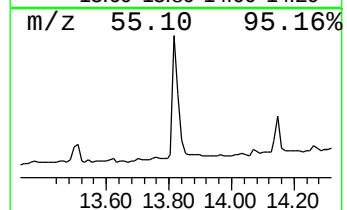
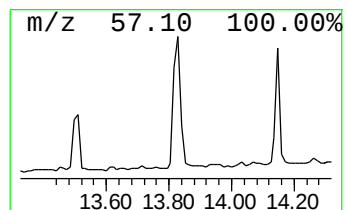
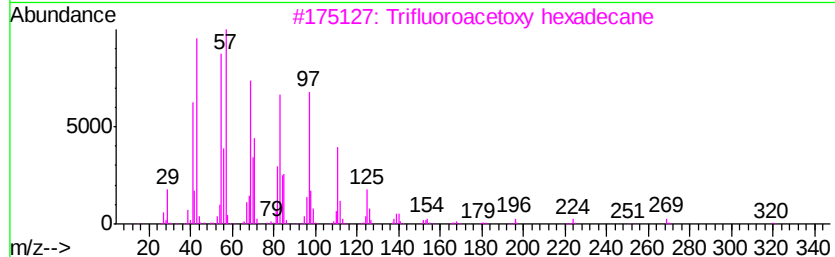
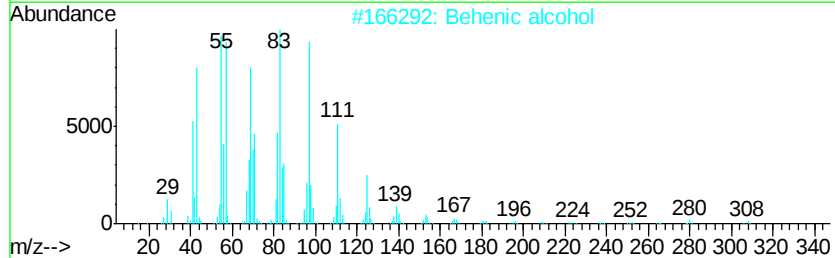
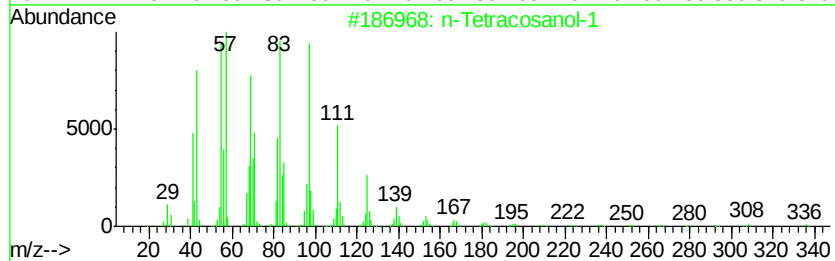
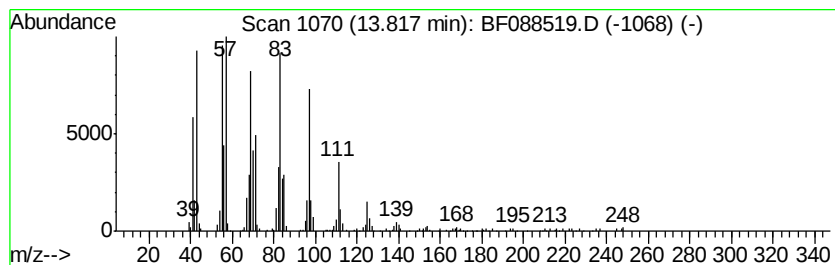
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Tetracosanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	10.54 ng	461974	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088519.D
Acq On : 30 Jun 2016 4:47
Operator : UM/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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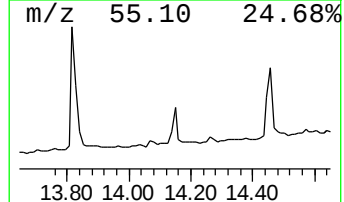
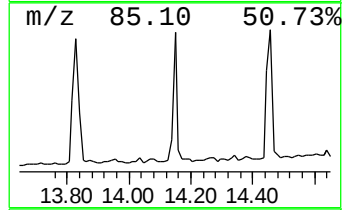
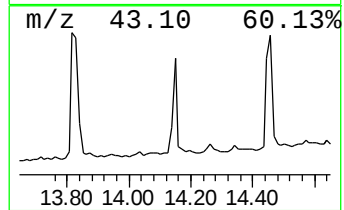
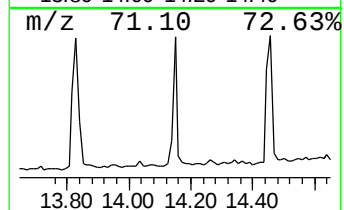
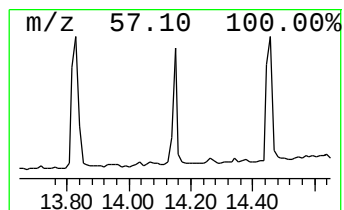
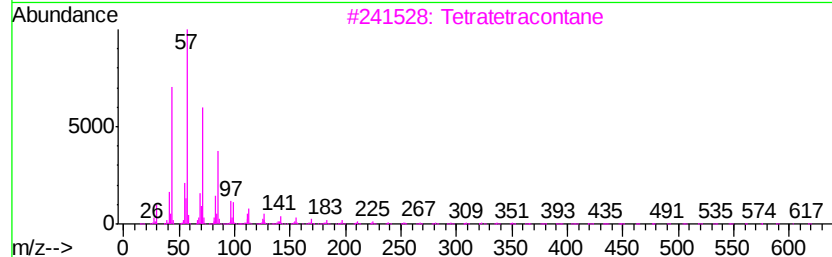
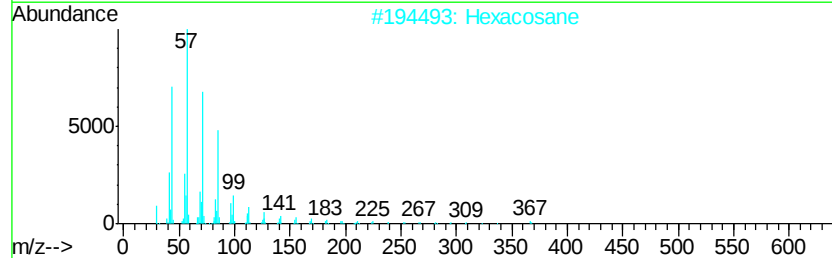
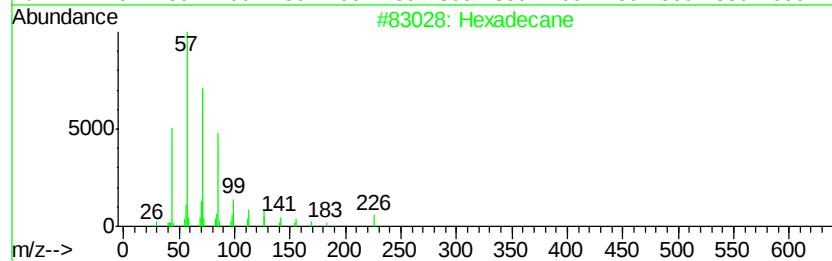
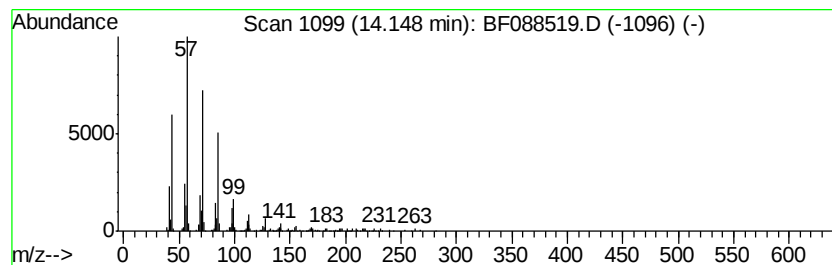
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.95 ng	173051	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Hexacosane	366	C26H54	000630-01-3	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088519.D
Acq On : 30 Jun 2016 4:47
Operator : UM/SJ
Sample : H3830-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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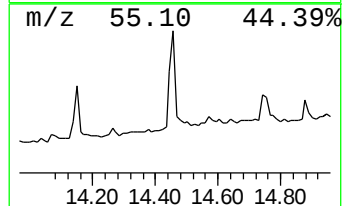
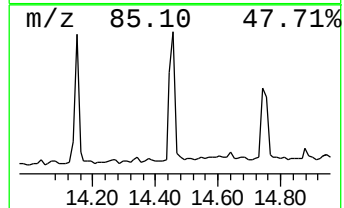
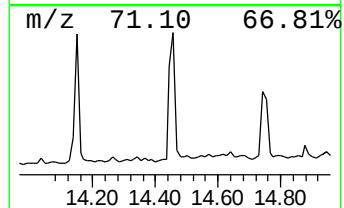
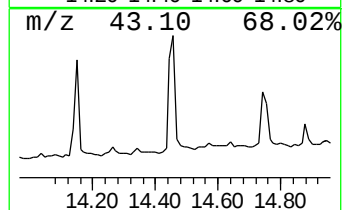
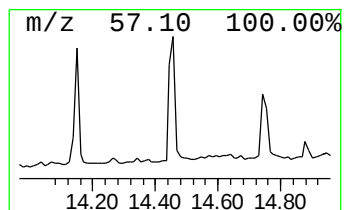
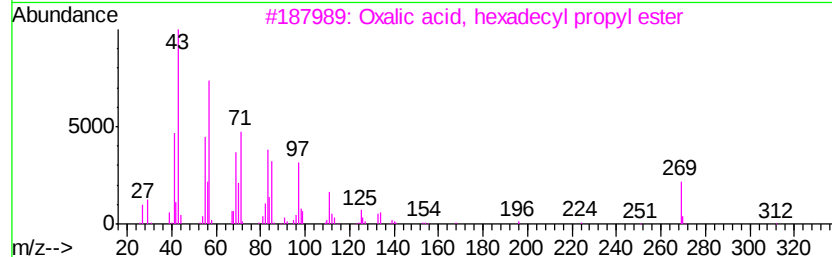
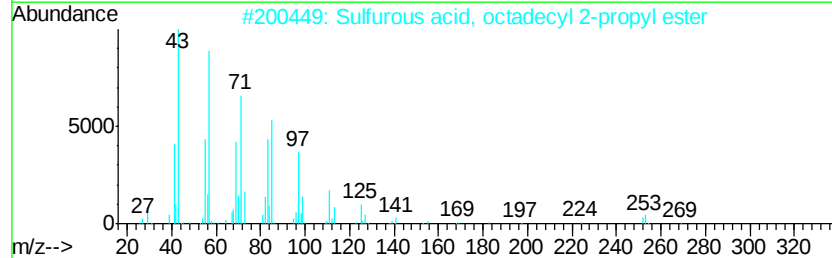
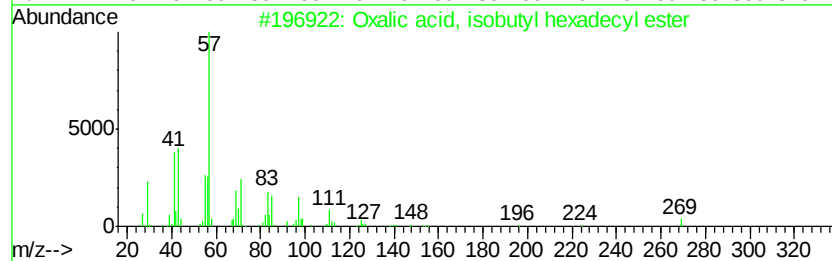
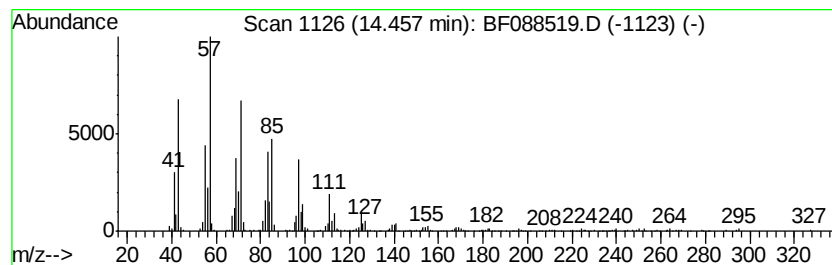
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Oxalic acid, isobutyl hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	8.03 ng	351754	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
3		Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
4		1-Heptadecene	238	C17H34	006765-39-5	91
5		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088519.D
Acq On : 30 Jun 2016 4:47
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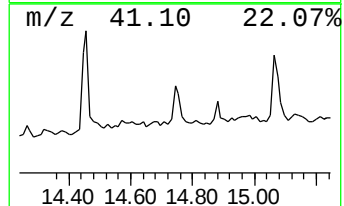
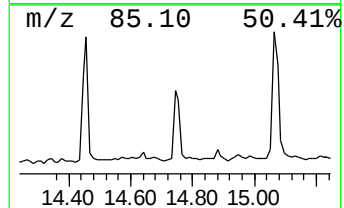
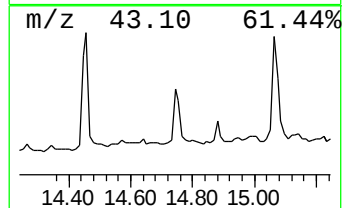
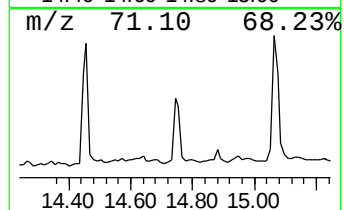
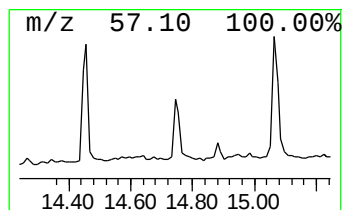
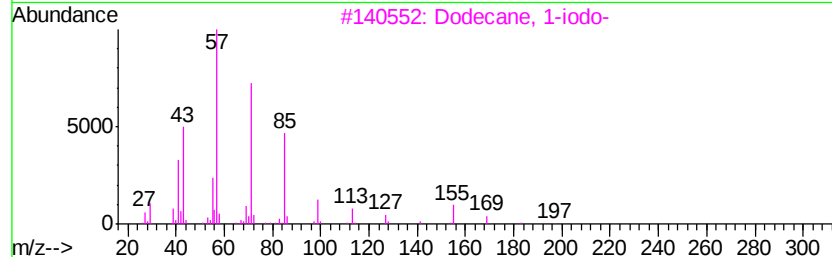
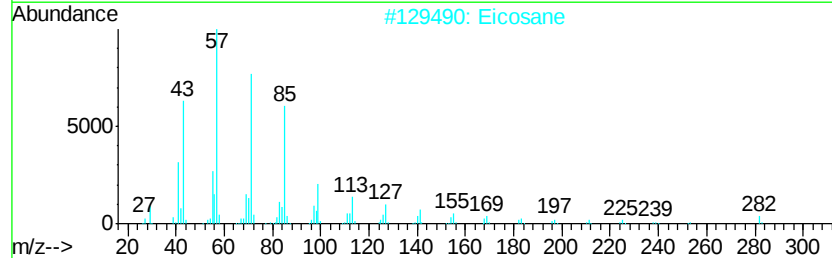
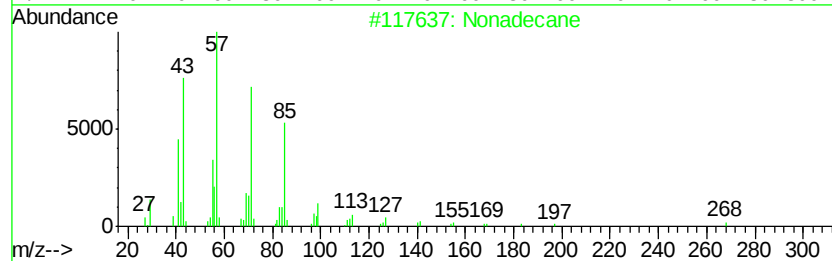
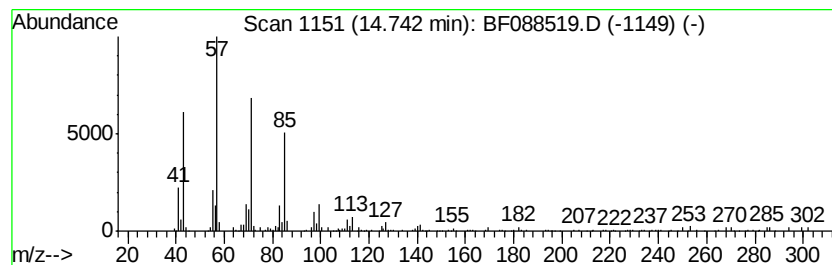
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	4.38 ng	169232	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		1-Iodoundecane	282	C11H23I	004282-44-4	72
5		Heptacosane	380	C27H56	000593-49-7	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088519.D
Acq On : 30 Jun 2016 4:47
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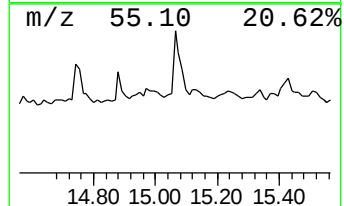
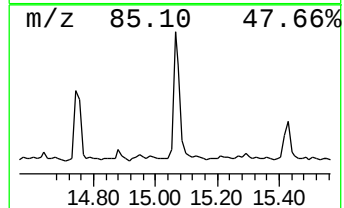
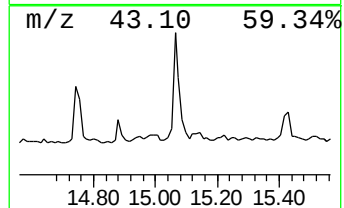
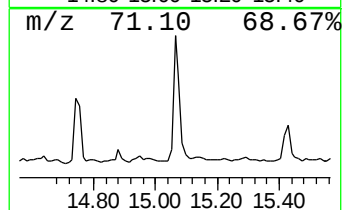
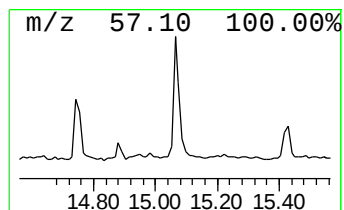
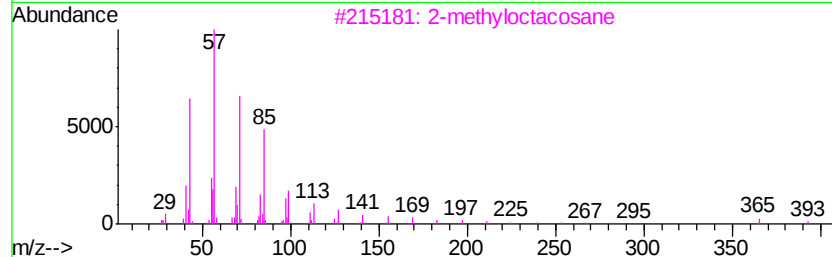
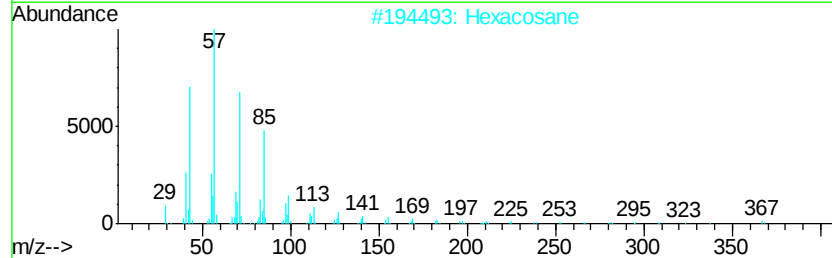
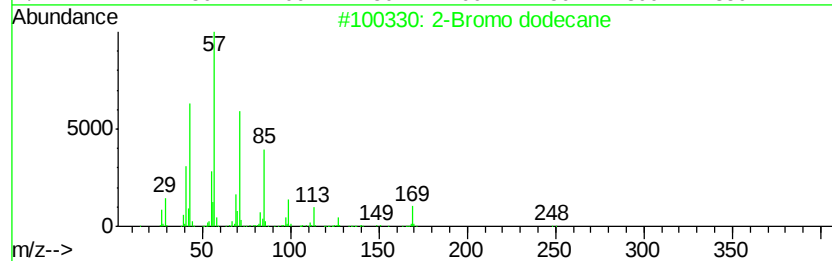
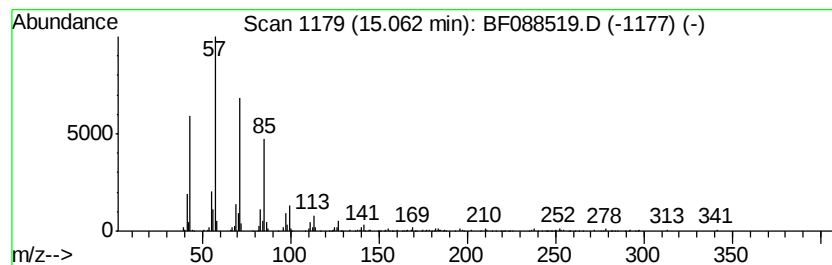
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	6.61 ng	255060	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2			Hexacosane	366	C26H54	000630-01-3	90
3			2-methyloctacosane	408	C29H60	1000376-72-8	86
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
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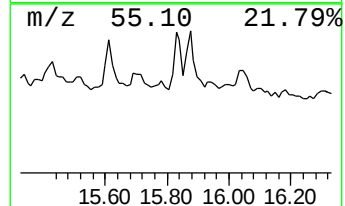
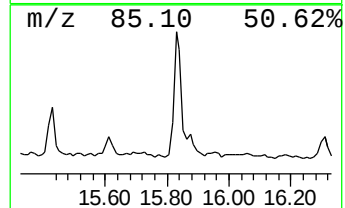
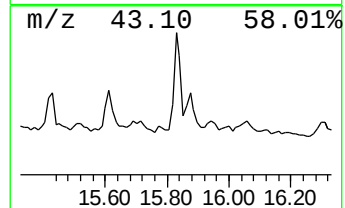
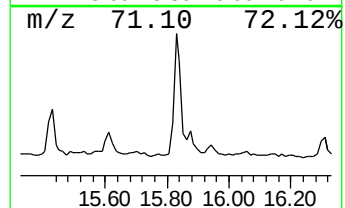
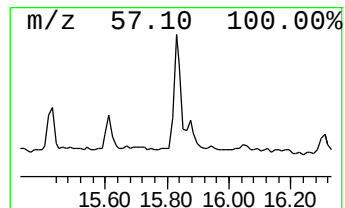
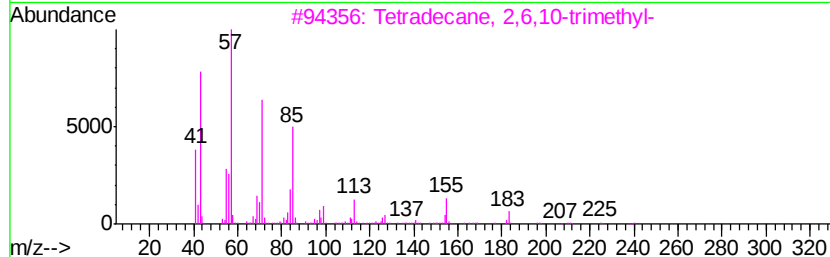
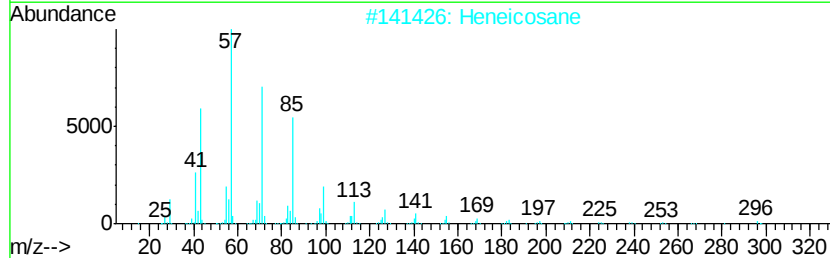
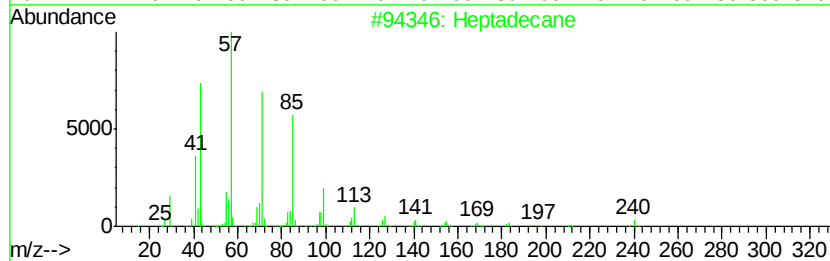
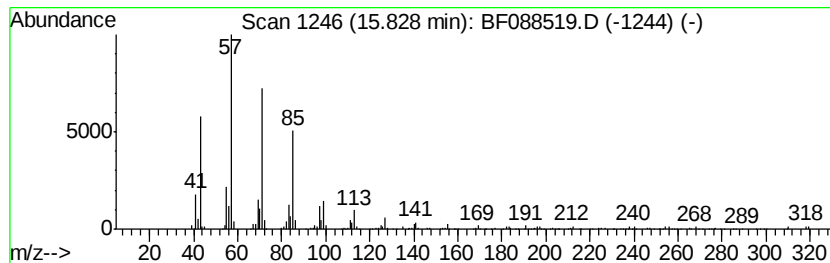
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	5.36 ng	206774	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Heneicosane	296	C21H44	000629-94-7	87
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4		Nonadecane	268	C19H40	000629-92-5	86
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088519.D
Acq On : 30 Jun 2016 4:47
Operator : UM/SJ
Sample : H3830-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015

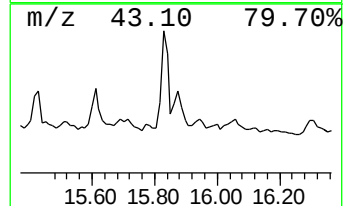
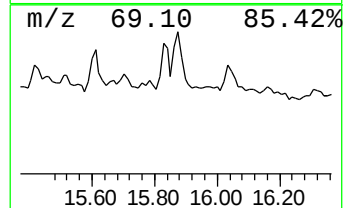
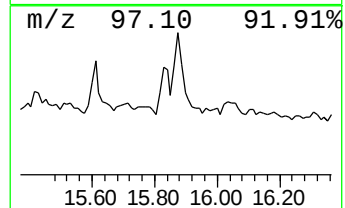
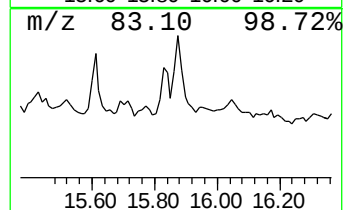
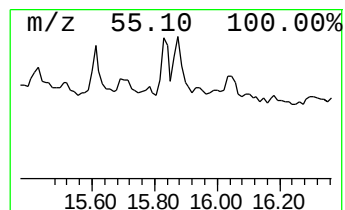
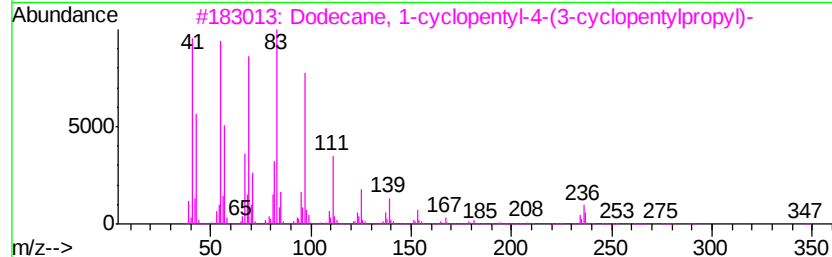
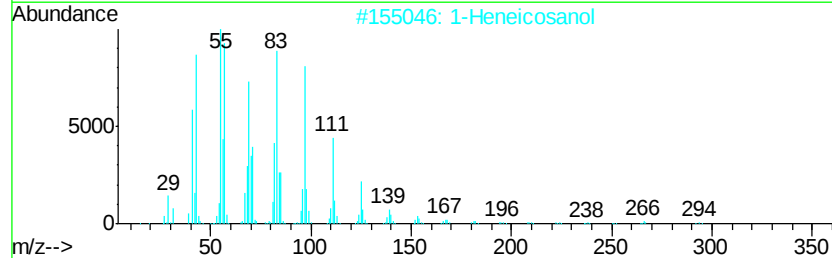
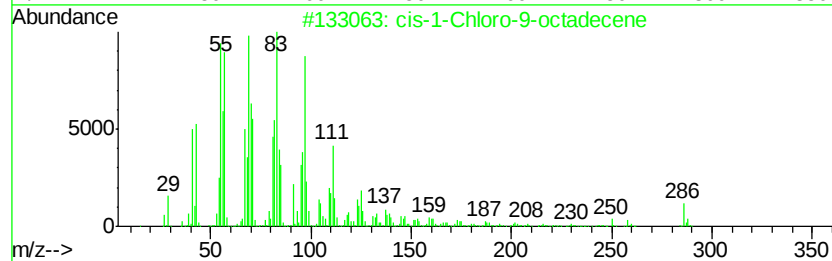
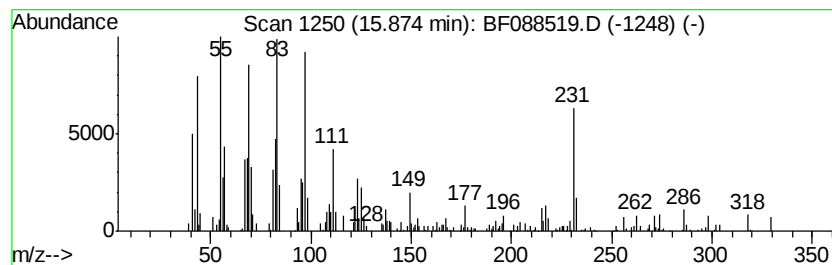
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 cis-1-Chloro-9-octadecene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.12 ng	159055	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	68
2			1-Heneicosanol	312	C21H44O	015594-90-8	64
3			Dodecane, 1-cyclopentyl-4-(3-cyclopentylpropyl)-	348	C25H48	007225-68-5	59
4			1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	46
5			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088519.D
Acq On : 30 Jun 2016 4:47
Operator : UM/SJ
Sample : H3830-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015

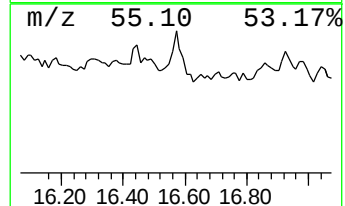
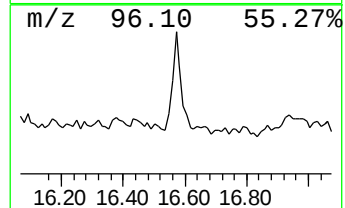
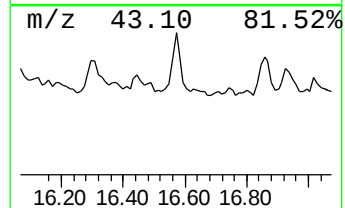
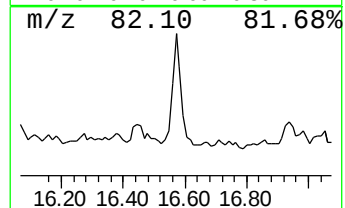
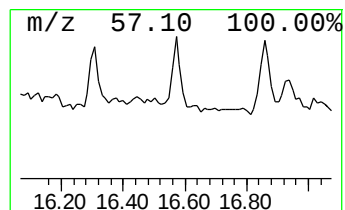
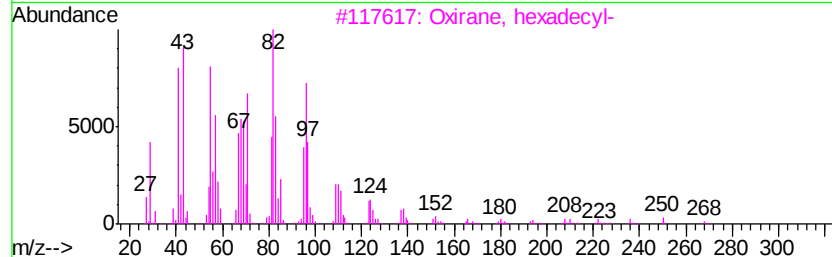
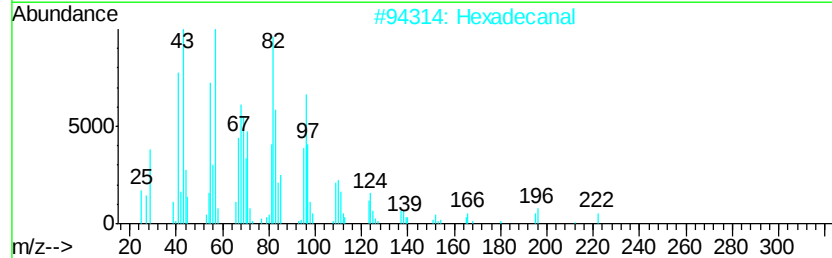
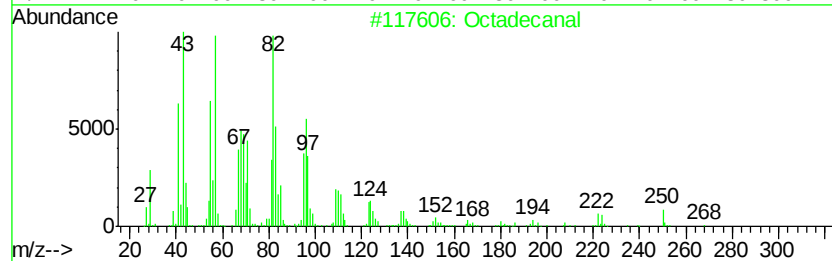
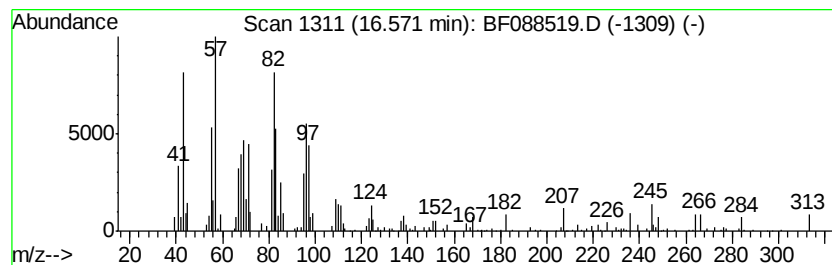
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	3.00 ng	115794	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	83
2		Hexadecanal	240	C16H32O	000629-80-1	83
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
4		Heptadecanal	254	C17H34O	1000376-70-0	72
5		1,19-Eicosadiene	278	C20H38	014811-95-1	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
 Data File : BF088519.D
 Acq On : 30 Jun 2016 4:47
 Operator : UM/SJ
 Sample : H3830-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062916.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
unknown1.66	1.66	35.3	ng	1365390	1	6.82	774725	20.0
Propane, 1,1-dime...	2.07	24.9	ng	965460	1	6.82	774725	20.0
2-Pentanone, 4-hy...	4.99	10.5	ng	405459	1	6.82	774725	20.0
Undecanoic acid	11.86	2.6	ng	95768	4	11.34	731845	20.0
Heneicosane	13.17	2.4	ng	106672	5	13.95	876477	20.0
Hexacosane	13.51	2.6	ng	113018	5	13.95	876477	20.0
n-Tetracosanol-1	13.82	10.5	ng	461974	5	13.95	876477	20.0
Hexadecane	14.15	4.0	ng	173051	5	13.95	876477	20.0
Oxalic acid, isob...	14.46	8.0	ng	351754	5	13.95	876477	20.0
Nonadecane	14.74	4.4	ng	169232	6	15.36	771957	20.0
2-Bromo dodecane	15.06	6.6	ng	255060	6	15.36	771957	20.0
Heptadecane	15.83	5.4	ng	206774	6	15.36	771957	20.0
cis-1-Chloro-9-oc...	15.87	4.1	ng	159055	6	15.36	771957	20.0
Octadecanal	16.57	3.0	ng	115794	6	15.36	771957	20.0