

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
 Data File : BF088518.D
 Acq On : 30 Jun 2016 4:18
 Operator : UM/SJ
 Sample : H3829-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-GF-014

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	1.667	4	7	9	rVB	2218778	2696253	47.83%	7.730%
2	1.747	12	14	24	rVB	439260	795176	14.11%	2.280%
3	1.873	24	25	40	rVB	2967772	5636582	100.00%	16.160%
4	2.067	40	42	78	rVB2	166423	970909	17.23%	2.784%
5	5.004	295	299	302	rBV2	258977	516543	9.16%	1.481%
6	5.416	332	335	337	rBV	2453207	2382346	42.27%	6.830%
7	6.444	422	425	428	rBV	2011828	2177930	38.64%	6.244%
8	6.582	435	437	440	rBV	1914091	2425701	43.03%	6.955%
9	6.822	456	458	460	rBV	946936	749914	13.30%	2.150%
10	6.982	469	472	474	rVB	2089530	2096398	37.19%	6.010%
11	7.382	504	507	509	rBV	1698421	1504269	26.69%	4.313%
12	8.102	568	570	573	rBV	873894	805486	14.29%	2.309%
13	8.250	581	583	586	rBV	179210	192391	3.41%	0.552%
14	9.176	662	664	667	rBV	1780455	2246700	39.86%	6.441%
15	9.576	697	699	701	rBV	491305	440607	7.82%	1.263%
16	9.850	721	723	726	rBV	745255	700391	12.43%	2.008%
17	10.639	789	792	794	rBV	962620	1079551	19.15%	3.095%
18	11.325	850	852	855	rVB	541610	650350	11.54%	1.865%
19	11.862	897	899	902	rBV	64138	102392	1.82%	0.294%
20	12.651	966	968	975	rBV	47598	59958	1.06%	0.172%
21	12.914	989	991	994	rBV	2112617	2035098	36.11%	5.835%
22	13.165	1008	1013	1015	rBV2	57181	83246	1.48%	0.239%
23	13.508	1040	1043	1044	rVV	54674	79786	1.42%	0.229%
24	13.817	1068	1070	1075	rBV2	281819	409921	7.27%	1.175%
25	13.954	1080	1082	1085	rBV	890901	875688	15.54%	2.511%
26	14.148	1097	1099	1101	rBV	124457	118049	2.09%	0.338%
27	14.457	1123	1126	1128	rBV	233400	322636	5.72%	0.925%
28	14.605	1137	1139	1141	rVB	54520	59258	1.05%	0.170%
29	14.754	1150	1152	1157	rVB2	70456	122691	2.18%	0.352%
30	15.062	1177	1179	1183	rVB	142531	209786	3.72%	0.601%
31	15.360	1202	1205	1208	rBV	627587	801932	14.23%	2.299%
32	15.611	1224	1227	1232	rBV3	75512	168308	2.99%	0.483%
33	15.828	1244	1246	1248	rBV	125744	187350	3.32%	0.537%
34	15.874	1248	1250	1254	rVB3	84297	160065	2.84%	0.459%

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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

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35	16.034	1262	1264	1272	rVB3	73066	195255	3.46%	0.560%
36	16.571	1309	1311	1316	rVB	60857	120666	2.14%	0.346%
37	17.280	1371	1373	1378	rVB6	45491	94179	1.67%	0.270%
38	17.806	1416	1419	1425	rVB3	79653	198727	3.53%	0.570%
39	18.023	1434	1438	1445	rVB2	151736	406897	7.22%	1.167%

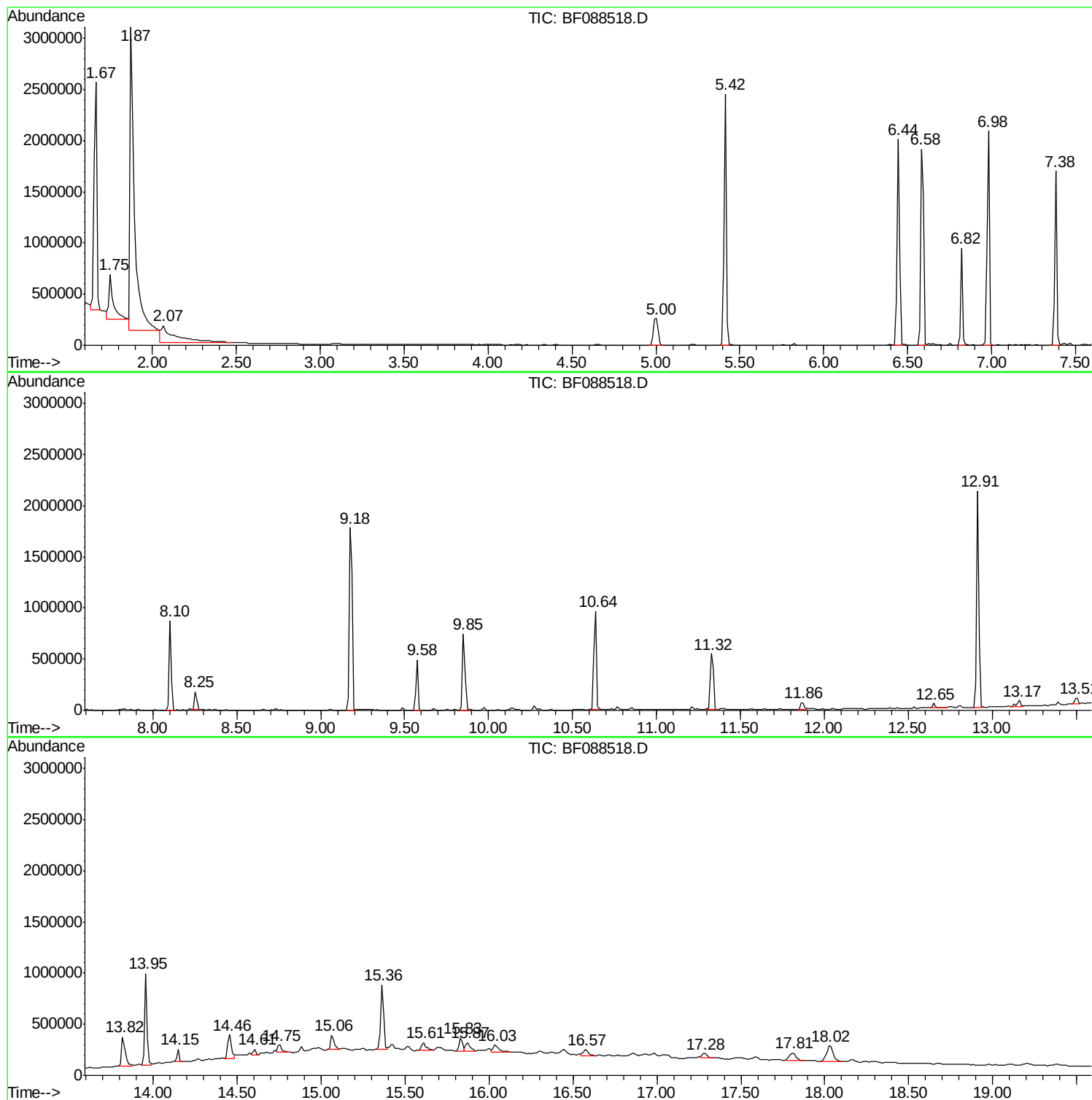
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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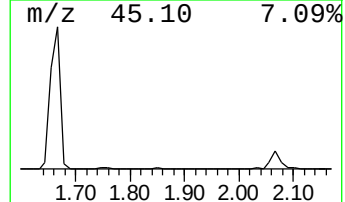
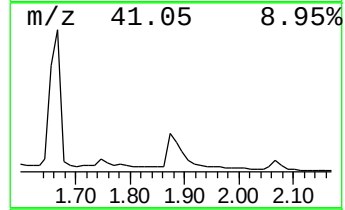
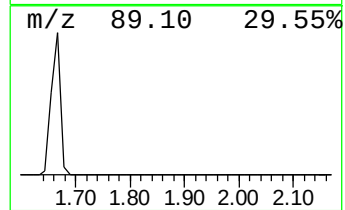
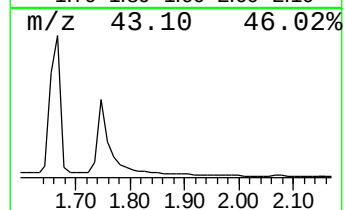
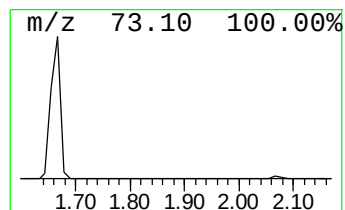
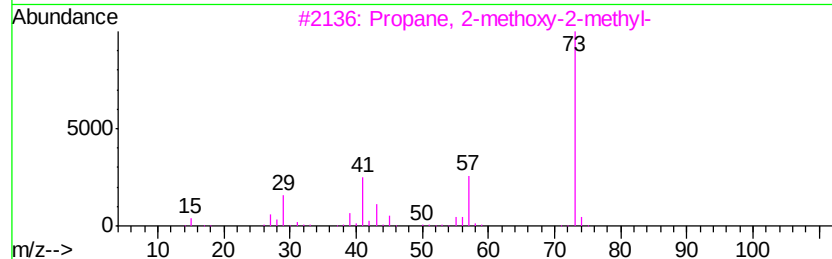
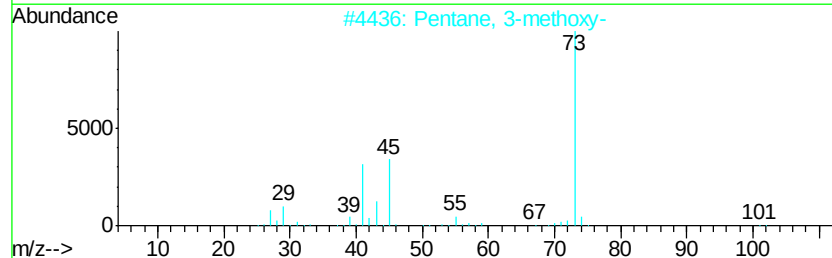
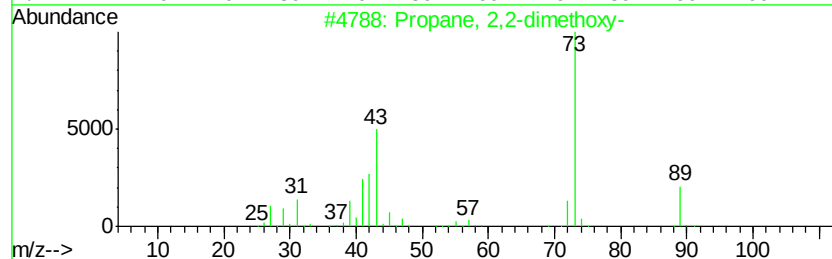
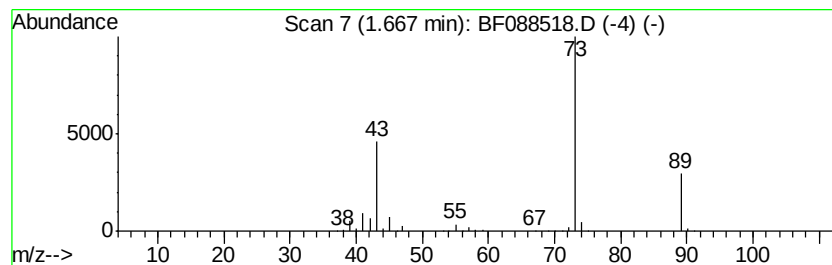
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 1 unknown1.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.67	71.91 ng	2696250	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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



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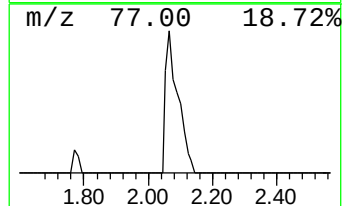
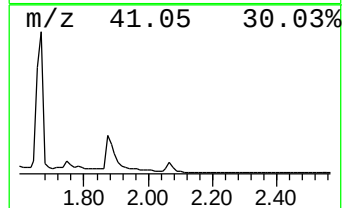
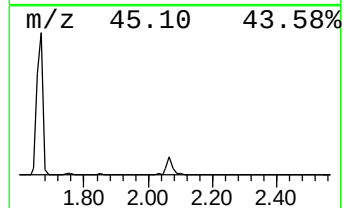
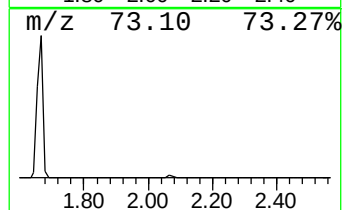
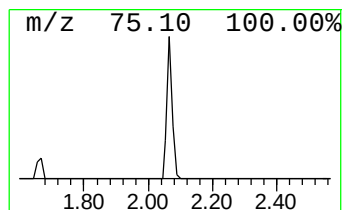
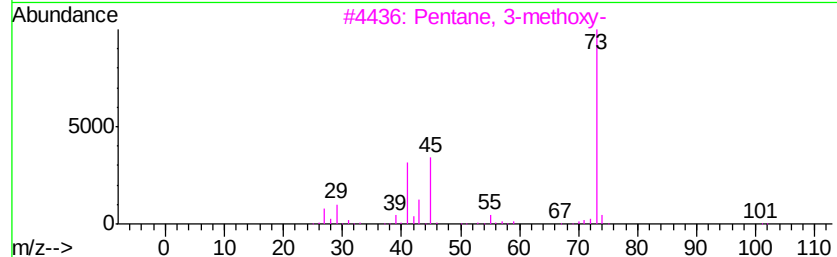
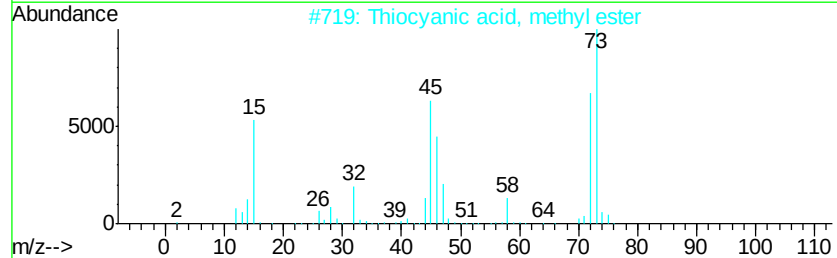
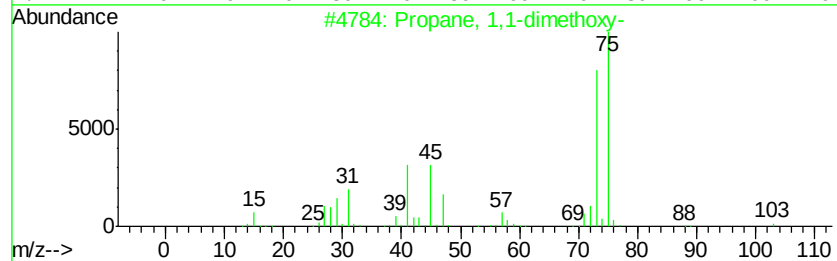
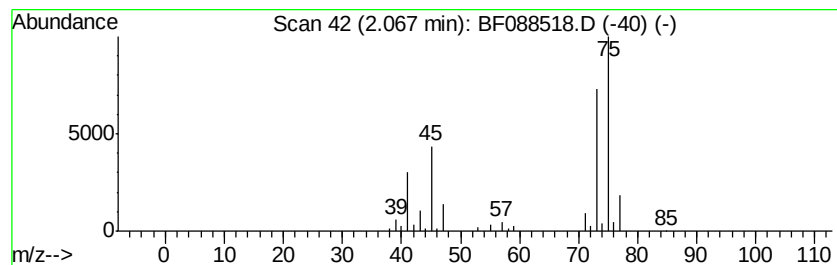
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Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	25.89 ng	970909	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	22
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
5	2-(2-Bromoethyl)-1,3-dioxolane	180	C5H9BrO2	018742-02-4	9



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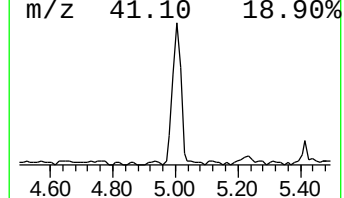
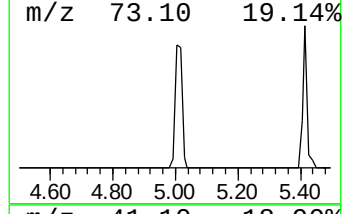
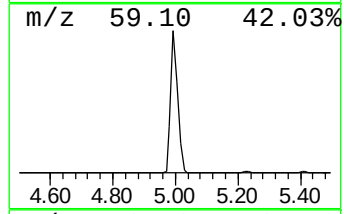
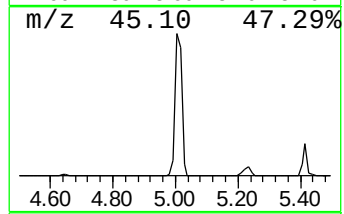
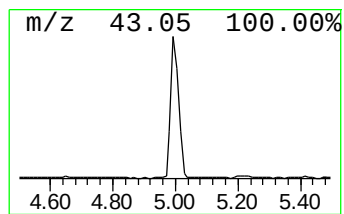
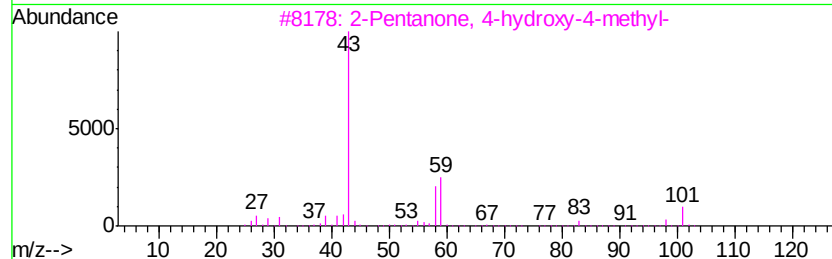
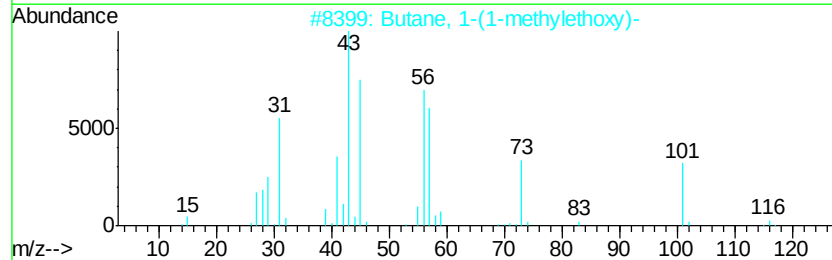
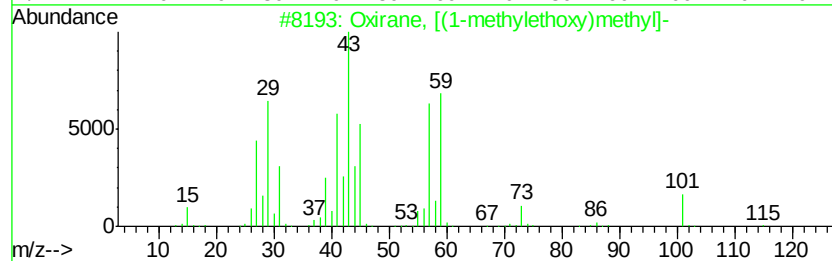
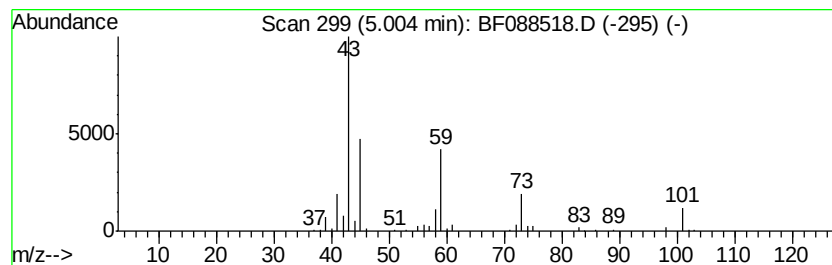
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown5.00 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	13.78 ng	516543	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	38
2		Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	37
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	35
4		2,3-Epoxybutane	72	C4H8O	003266-23-7	27
5		1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	25



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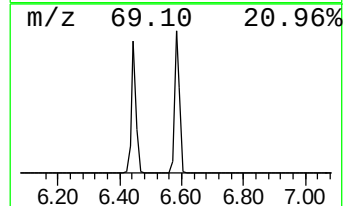
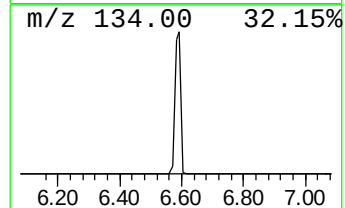
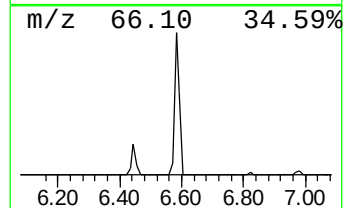
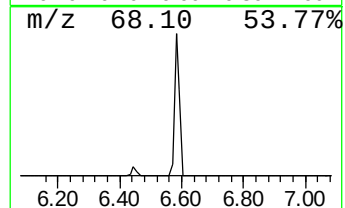
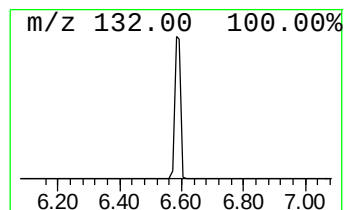
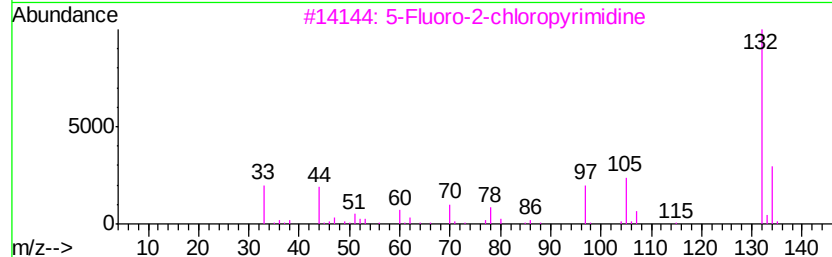
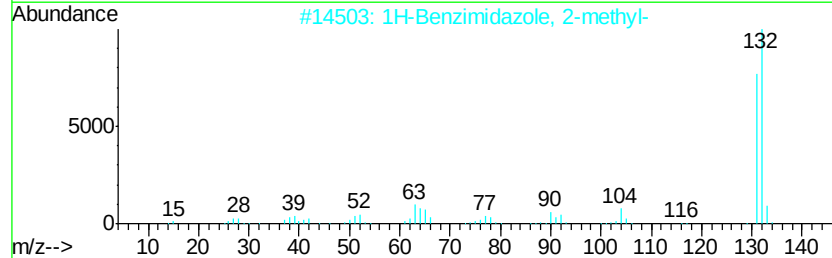
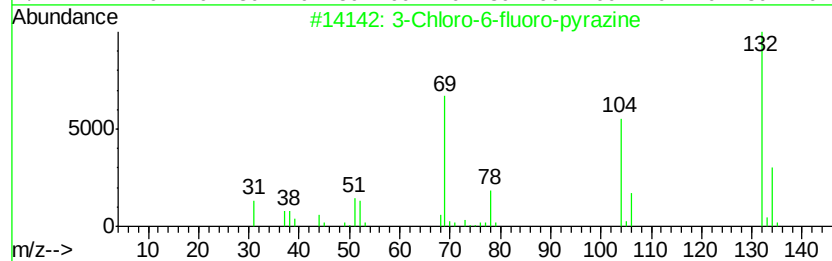
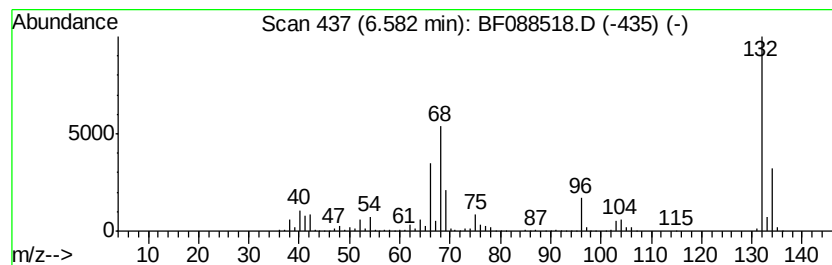
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	64.69 ng	2425700	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12
4	Cyclopropanamine, 1-phenyl-			133	C9H11N	1000351-26-2	10
5	(5-Methyl-2-pyridyl)acetonitrile			132	C8H8N2	1000241-93-9	10



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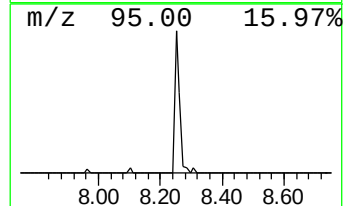
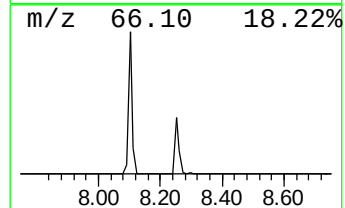
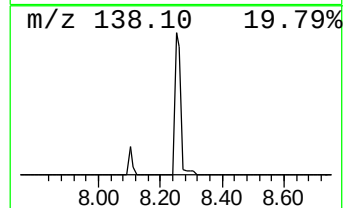
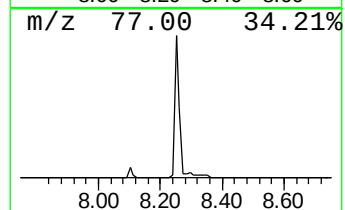
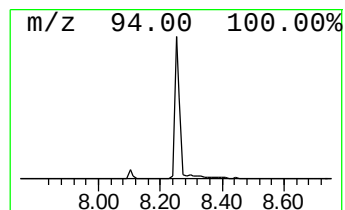
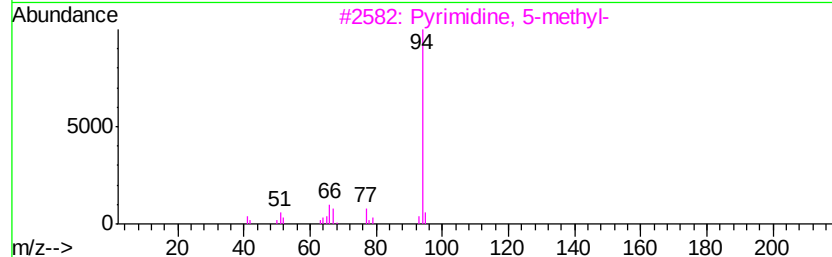
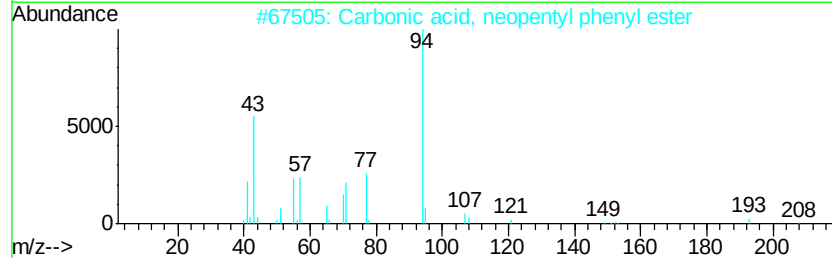
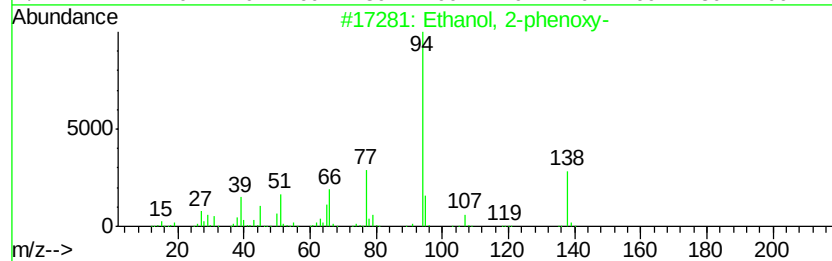
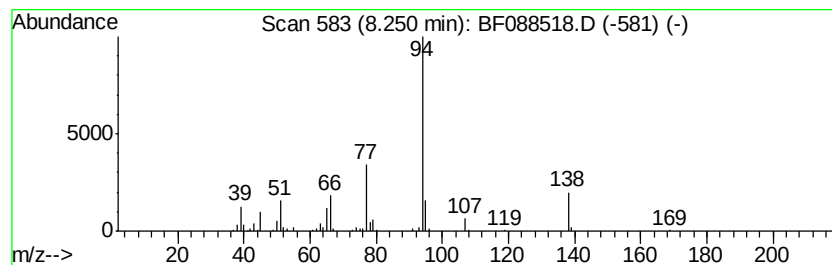
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TIC Library : C:\Database\NIST11.L
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Peak Number 8 Ethanol, 2-phenoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	4.78 ng	192391	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	97
2		Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	59
3		Pyrimidine, 5-methyl-	94	C5H6N2	002036-41-1	53
4		3-Phenoxypropionic acid	166	C9H10O3	007170-38-9	53
5		Methane, isopropoxyphenoxy-	166	C10H14O2	000828-12-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088518.D
Acq On : 30 Jun 2016 4:18
Operator : UM/SJ
Sample : H3829-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-014

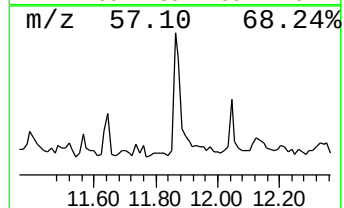
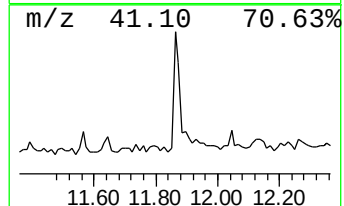
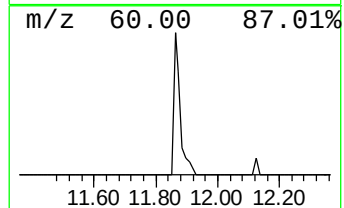
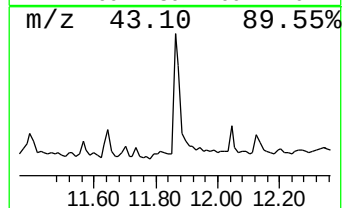
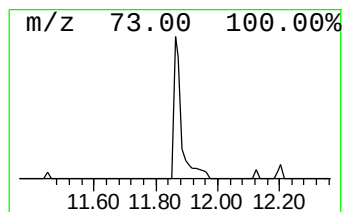
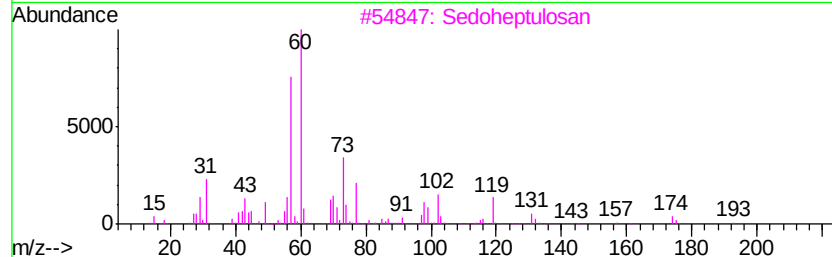
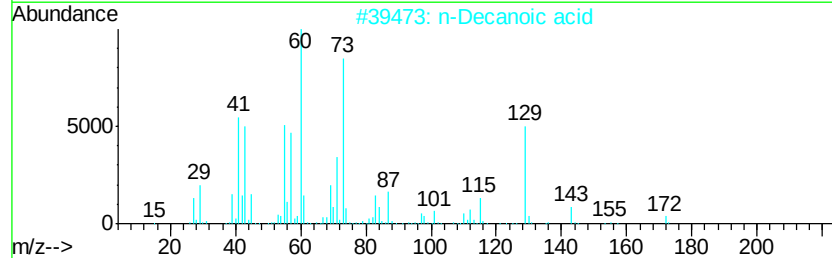
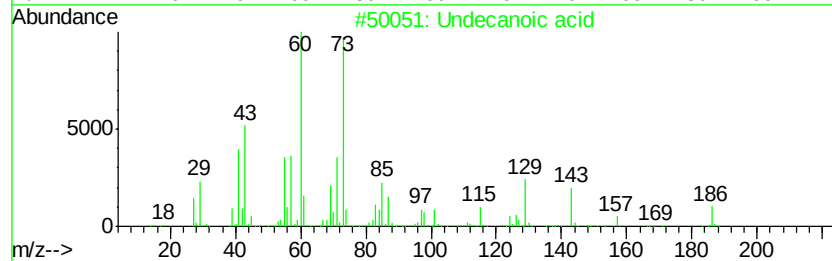
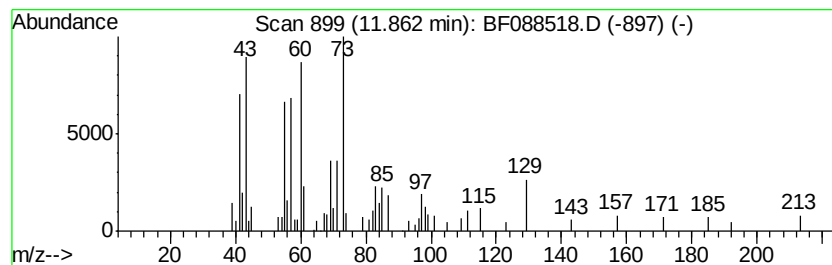
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.15 ng	102392	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	80
2		n-Decanoic acid	172	C10H20O2	000334-48-5	53
3		Sedoheptulosan	192	C7H12O6	000469-90-9	43
4		11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43
5		.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
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Acq On : 30 Jun 2016 4:18
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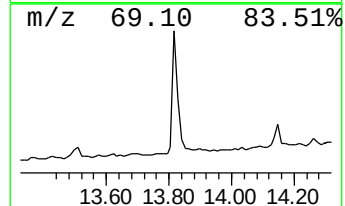
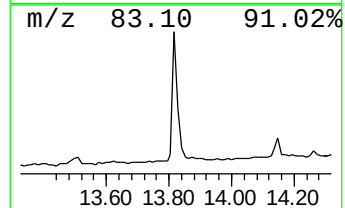
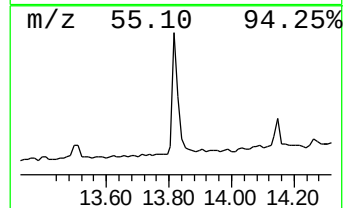
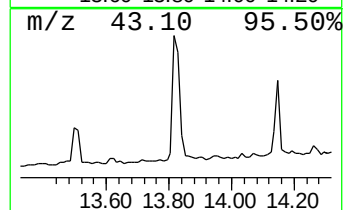
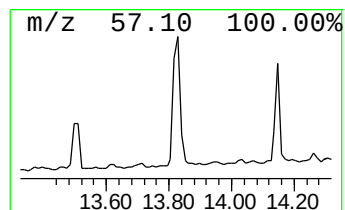
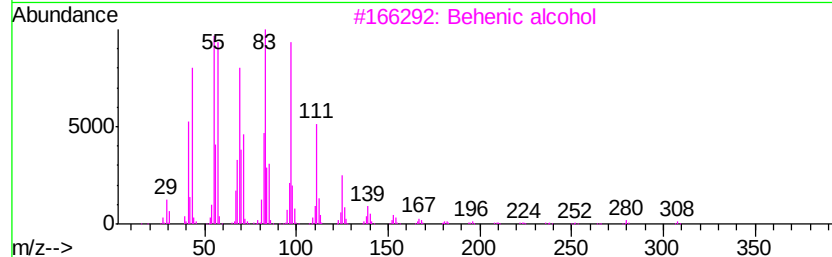
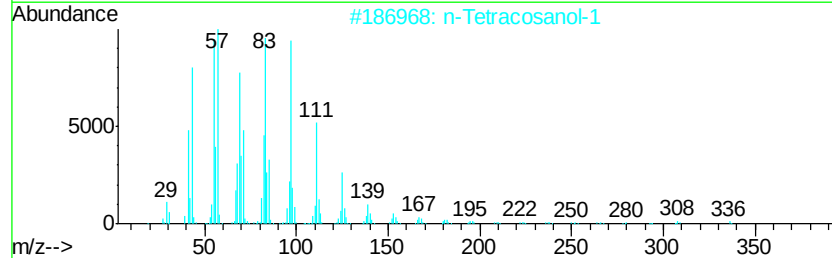
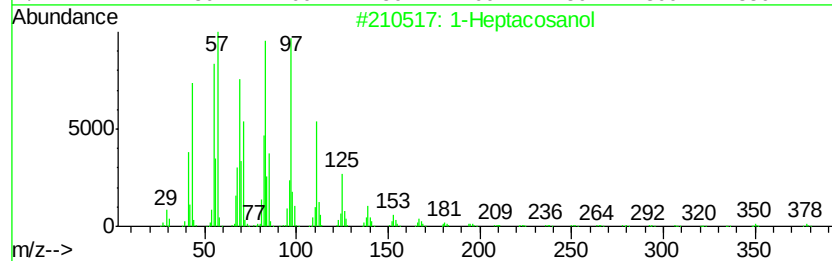
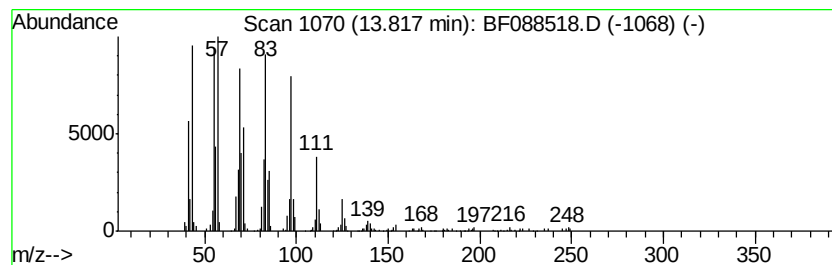
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	9.36 ng	409921	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088518.D
Acq On : 30 Jun 2016 4:18
Operator : UM/SJ
Sample : H3829-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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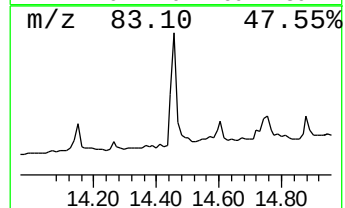
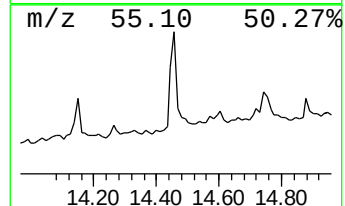
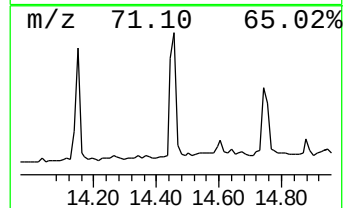
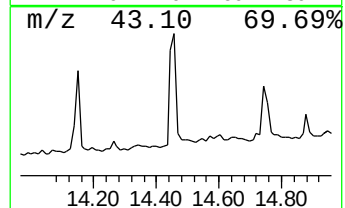
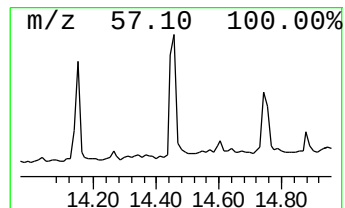
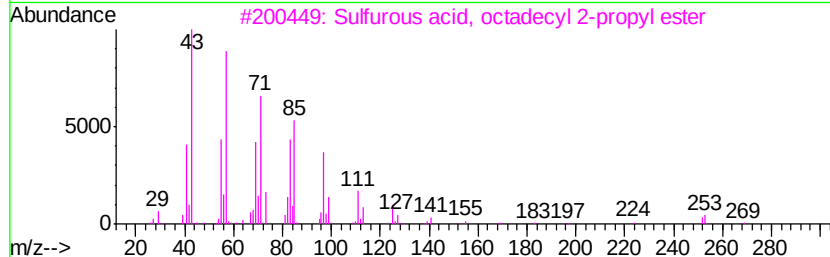
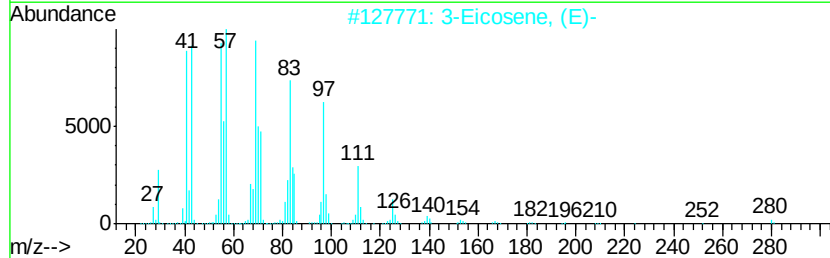
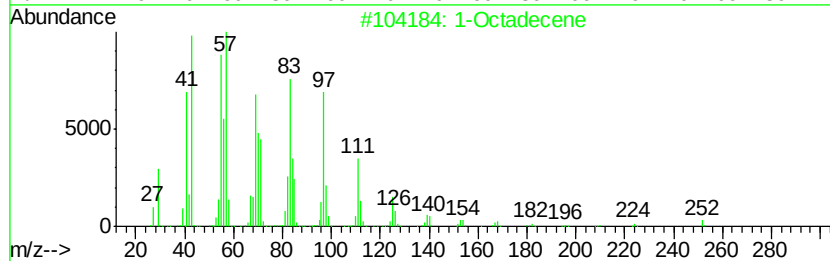
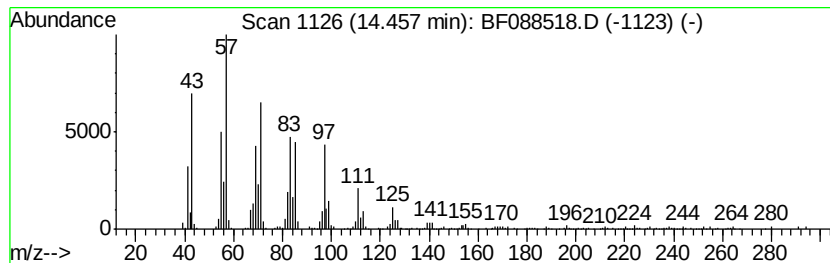
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Octadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	7.37 ng	322636	Chrysene-d12	13.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	96
2			3-Eicosene, (E)-	280	C20H40	074685-33-9	92
3			Sulfurous acid, octadecyl 2-propyl ester	376	C21H44O3S	1000309-12-7	91
4			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
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Acq On : 30 Jun 2016 4:18
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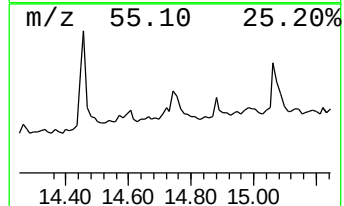
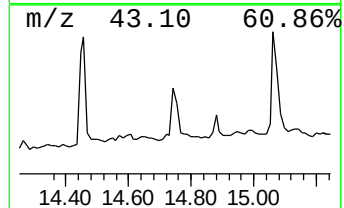
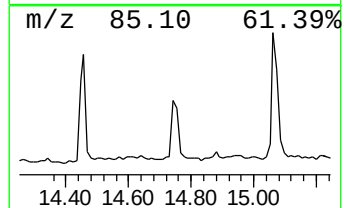
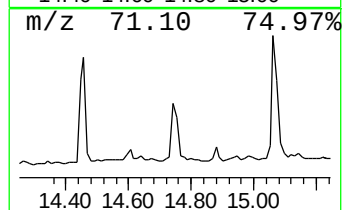
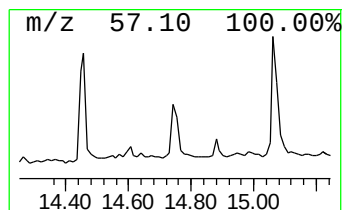
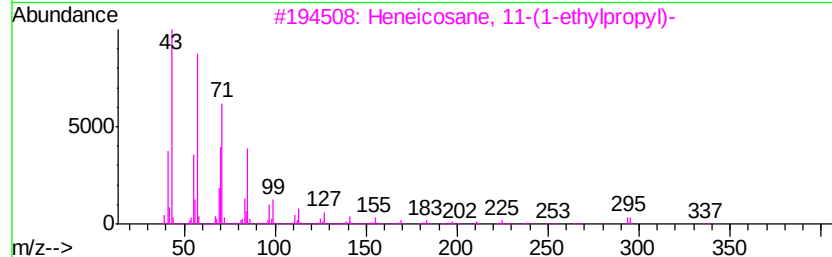
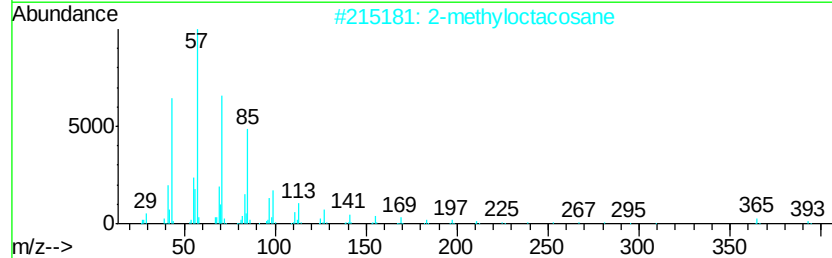
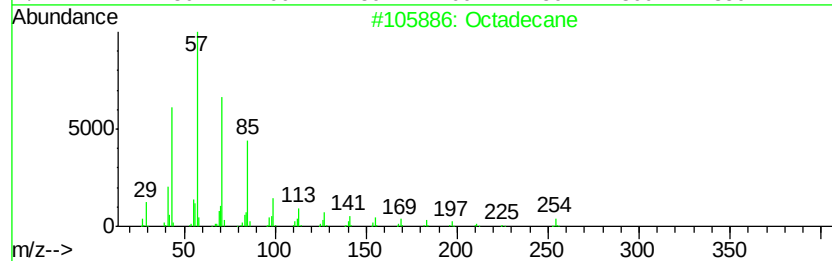
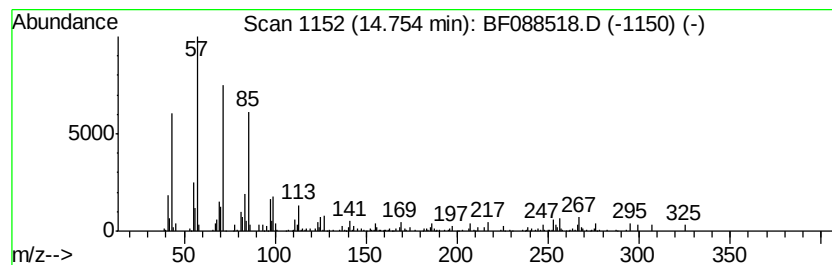
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	3.06 ng	122691	Perylene-d12	15.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	93
2	2-methyloctacosane	408 C29H60	1000376-72-8	87
3	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	87
4	Heneicosane, 11-decyl-	437 C31H64	055320-06-4	87
5	Octadecane, 2-methyl-	268 C19H40	001560-88-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088518.D
Acq On : 30 Jun 2016 4:18
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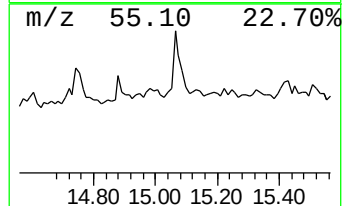
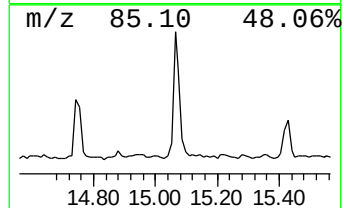
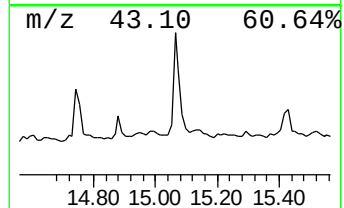
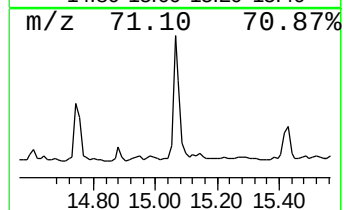
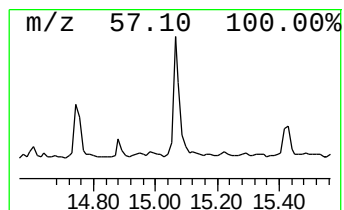
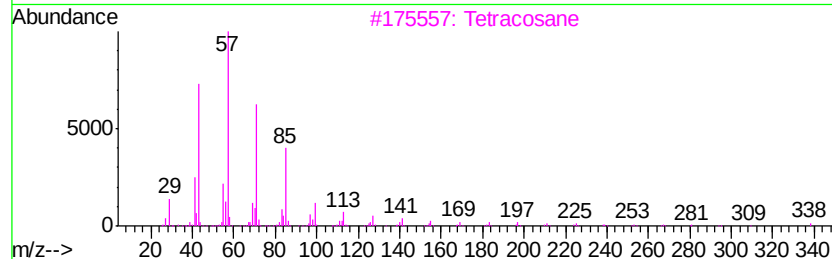
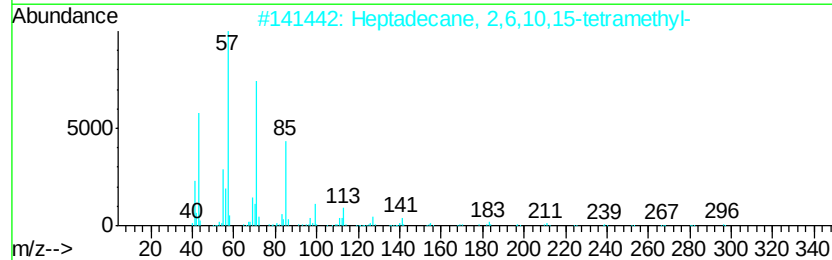
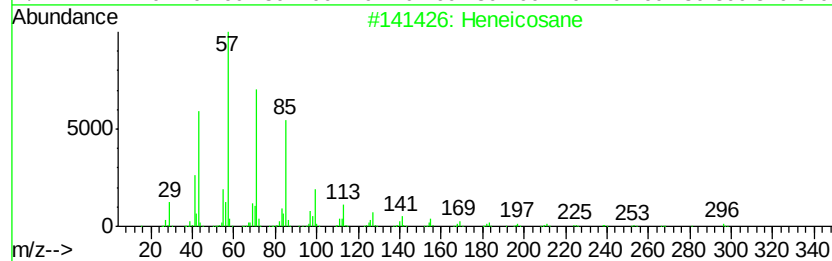
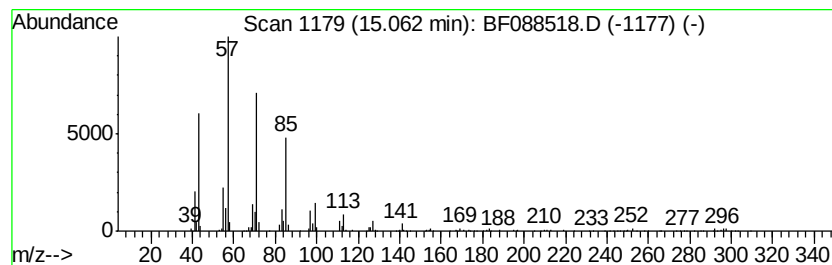
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	5.23 ng	209786	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Tetracosane	338	C24H50	000646-31-1	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



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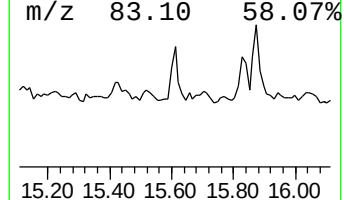
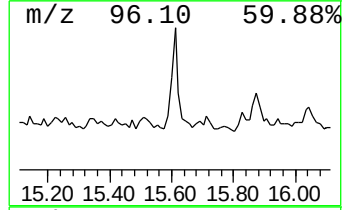
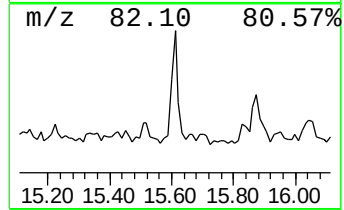
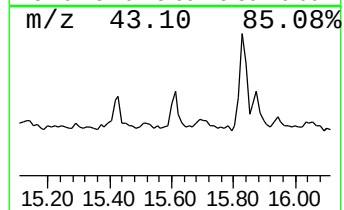
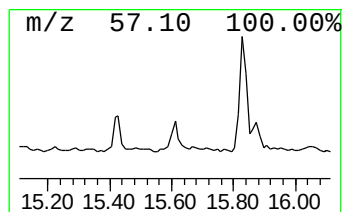
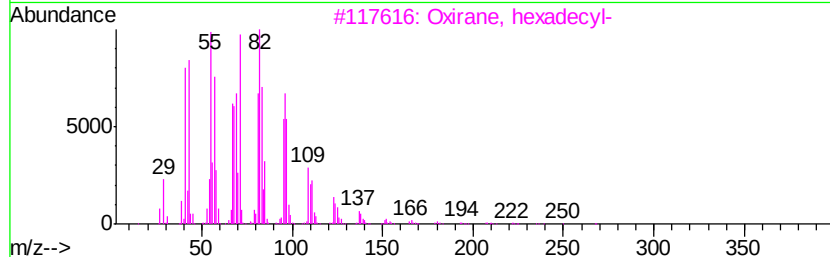
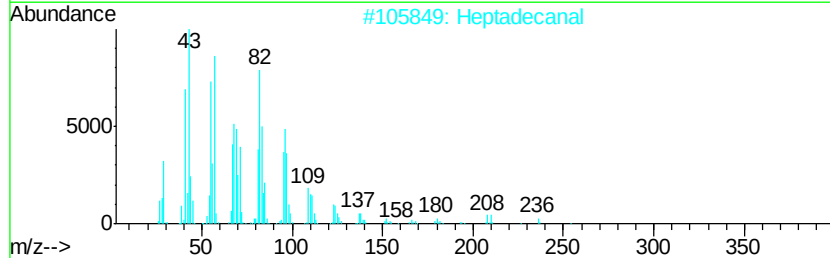
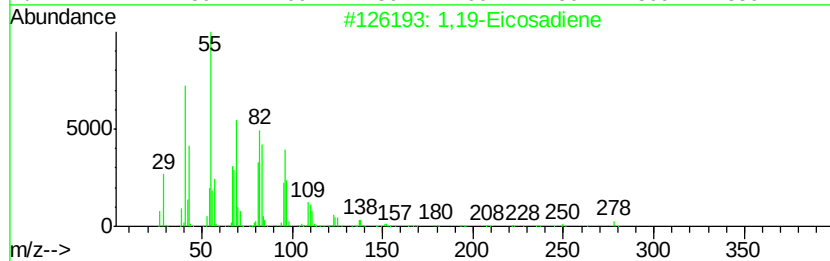
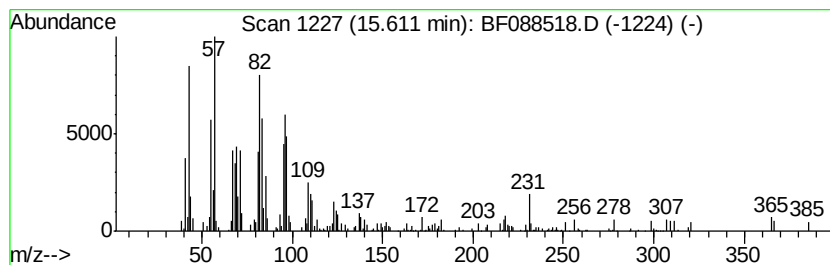
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,19-Eicosadiene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.			
15.61	4.20 ng	168308	Perylene-d12	15.36			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	93
2			Heptadecanal	254	C17H34O	1000376-70-0	91
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
4			Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	86
5			Octadecanal	268	C18H36O	000638-66-4	80



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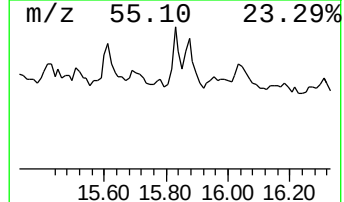
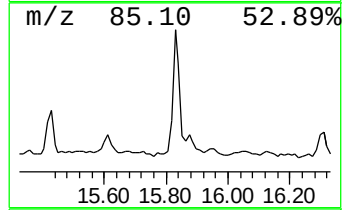
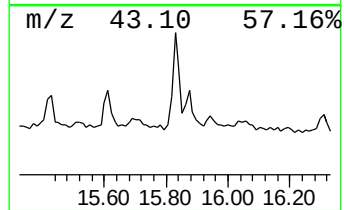
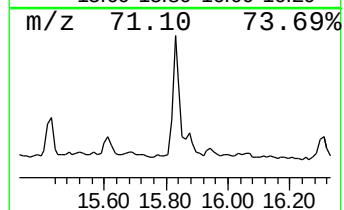
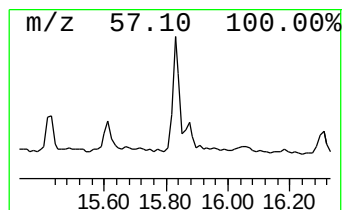
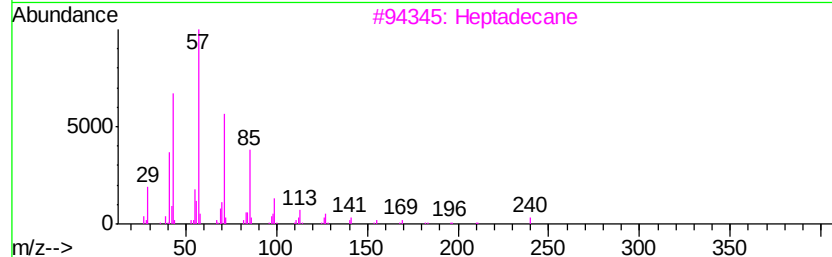
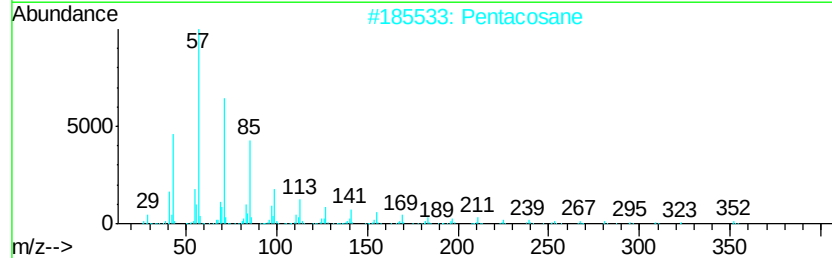
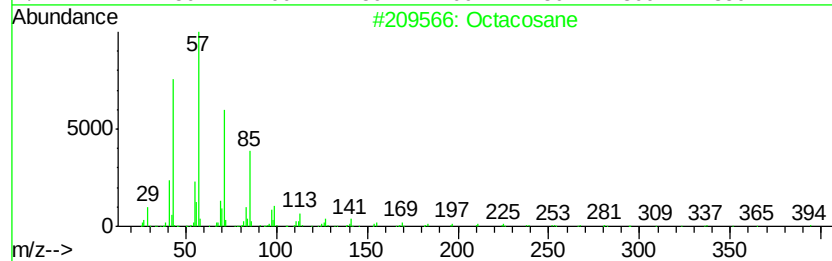
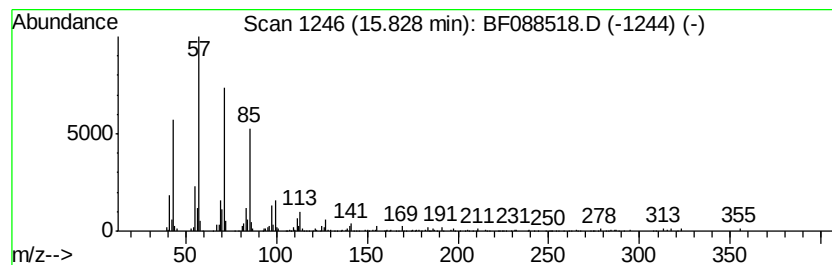
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.67 ng	187350	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Pentacosane	352	C25H52	000629-99-2	90
3		Heptadecane	240	C17H36	000629-78-7	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Hexacosane	366	C26H54	000630-01-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088518.D
Acq On : 30 Jun 2016 4:18
Operator : UM/SJ
Sample : H3829-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

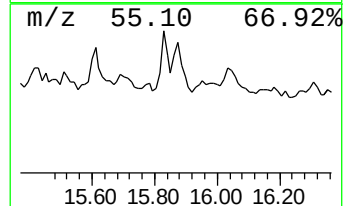
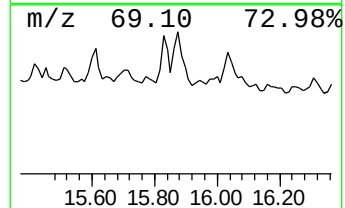
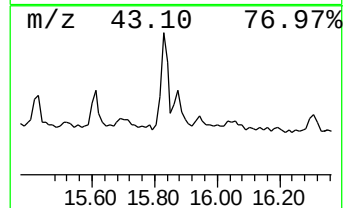
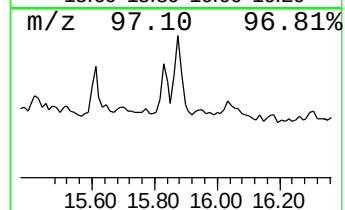
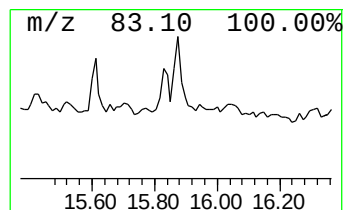
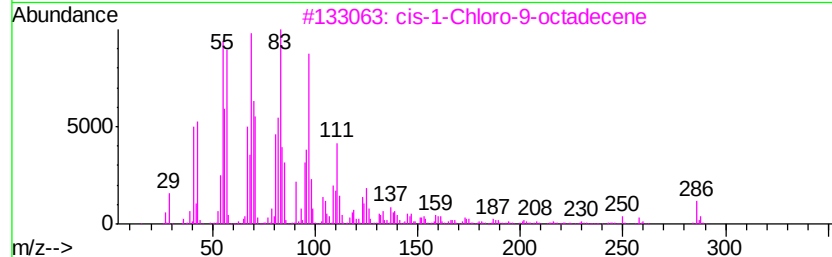
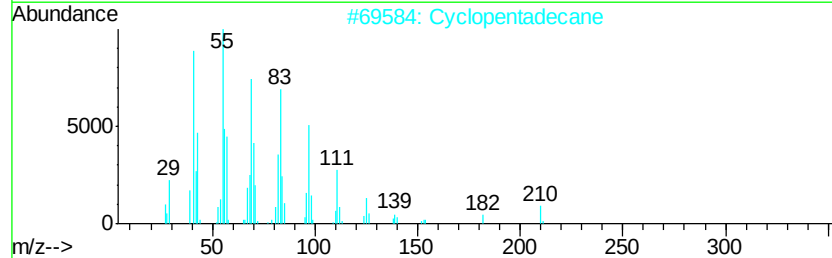
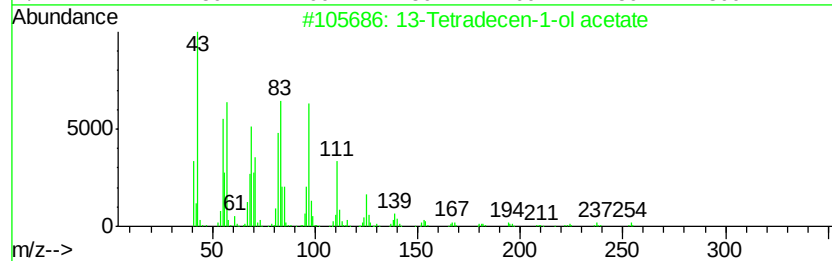
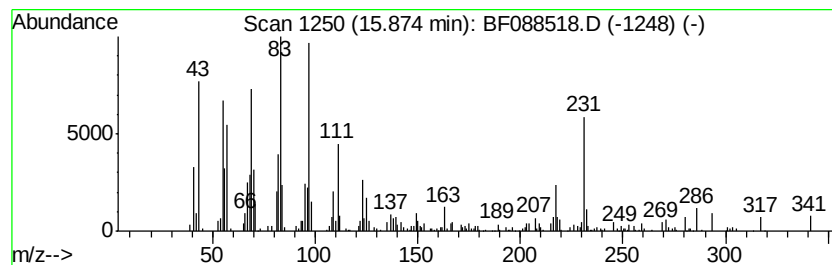
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.87 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.87	3.99 ng	160065	Perylene-d12	15.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	49
2	Cyclopentadecane	210	C15H30	000295-48-7	38
3	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	38
4	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	38
5	Thiophen-2-methylamine, N-ethyl-...	231	C14H17NS	1000310-35-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088518.D
Acq On : 30 Jun 2016 4:18
Operator : UM/SJ
Sample : H3829-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-014

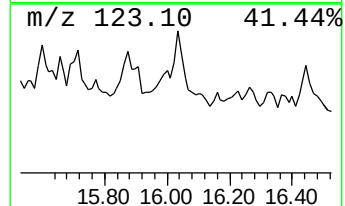
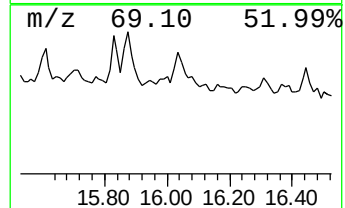
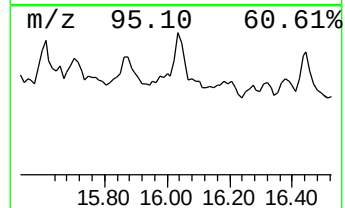
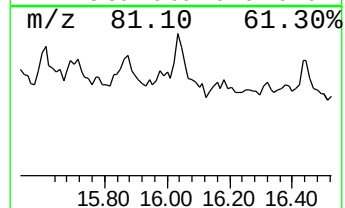
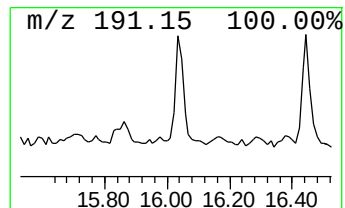
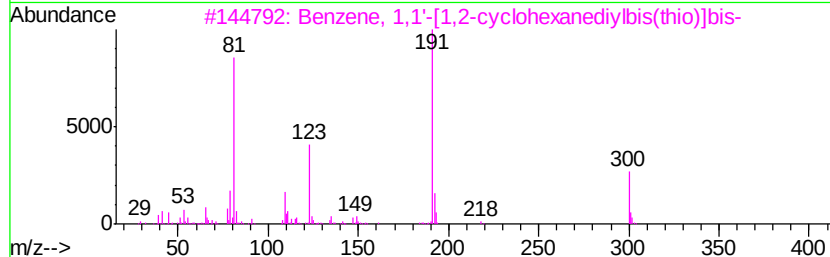
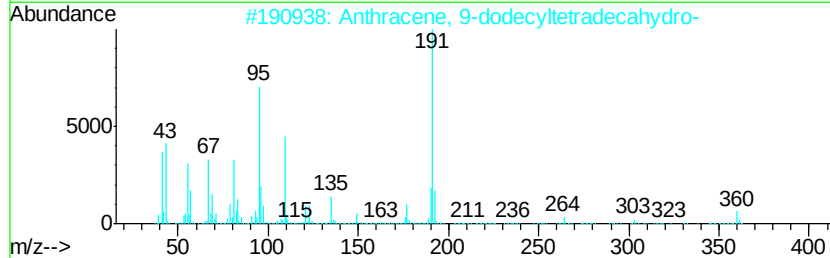
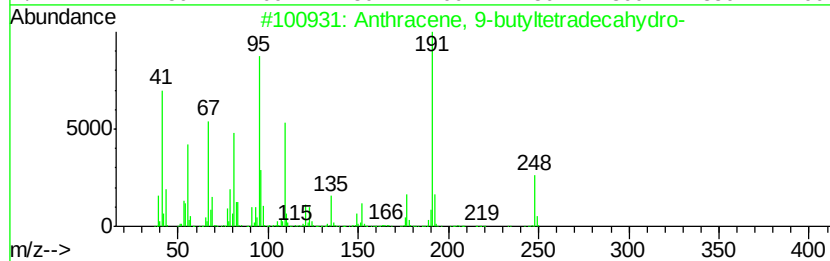
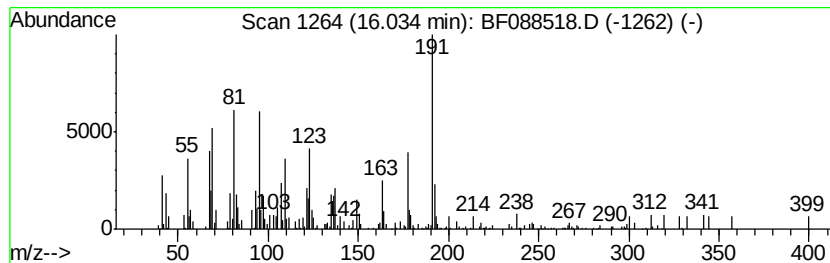
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.87 ng	195255	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	43
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
3		Benzene, 1,1'-[1,2-cyclohexanedi...	300	C18H20S2	1000362-19-6	30
4		2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	27
5		Propenoic acid, 3-(3,4-dimethoxy...	344	C19H24N2O4	1000259-51-5	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088518.D
Acq On : 30 Jun 2016 4:18
Operator : UM/SJ
Sample : H3829-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-014

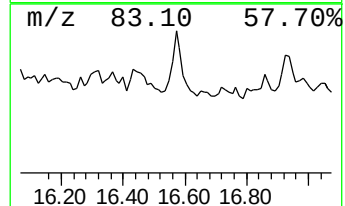
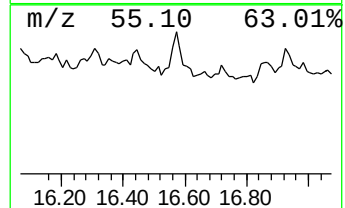
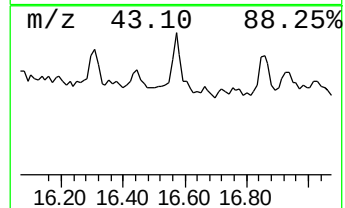
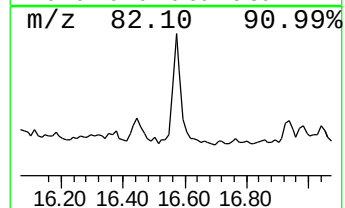
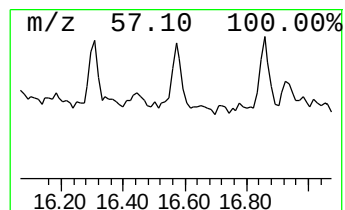
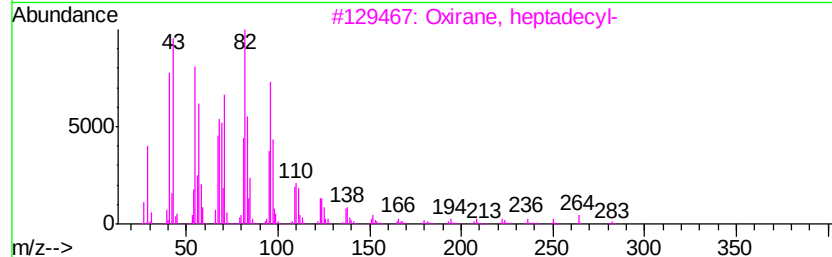
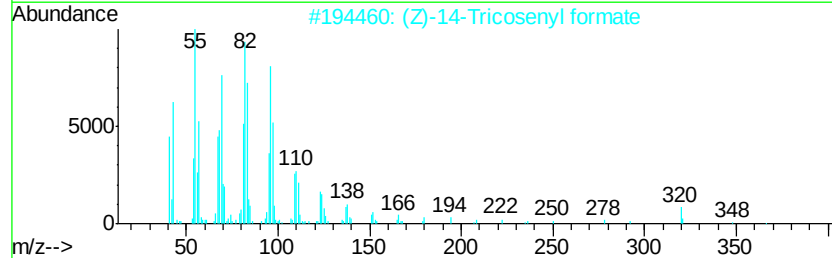
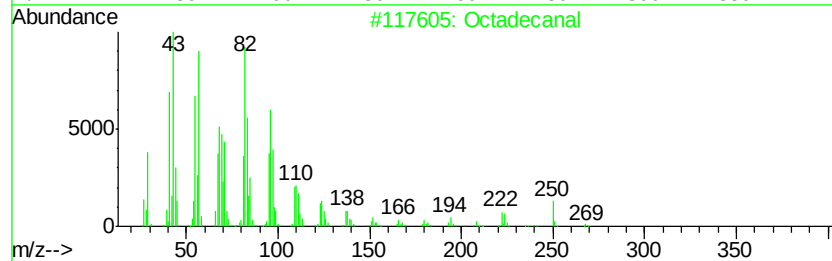
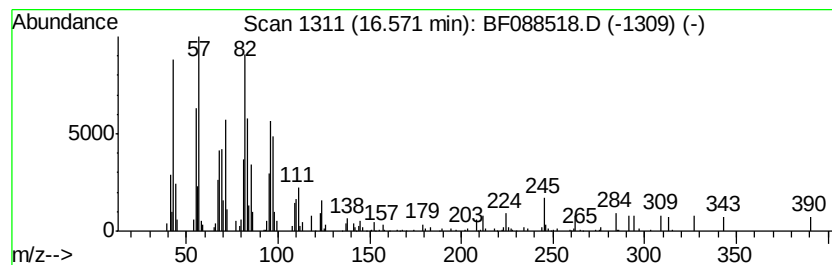
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	3.01 ng	120666	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	72
2			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	60
3			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	46
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	46
5			Hexadecanal	240	C16H32O	000629-80-1	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
Data File : BF088518.D
Acq On : 30 Jun 2016 4:18
Operator : UM/SJ
Sample : H3829-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-014

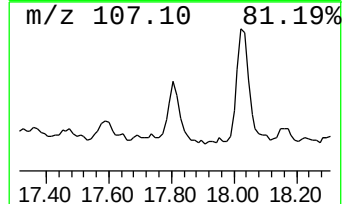
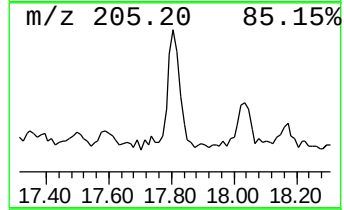
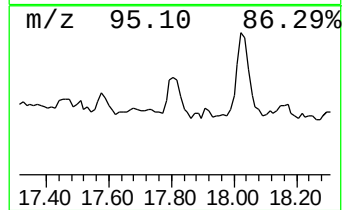
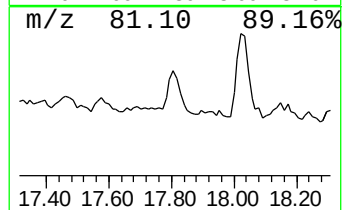
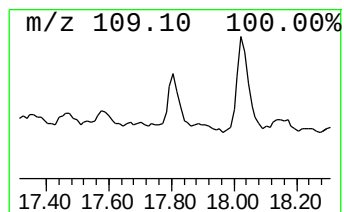
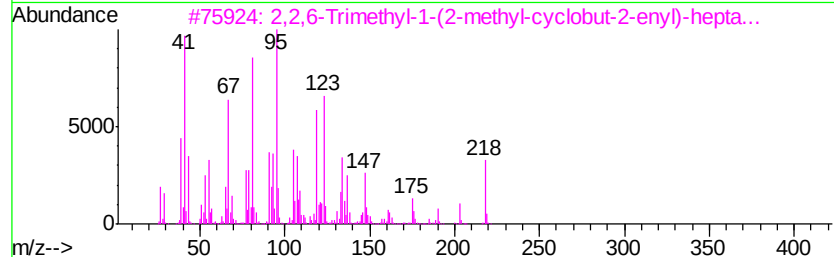
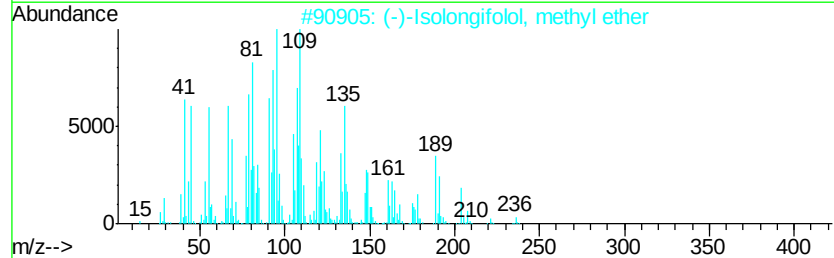
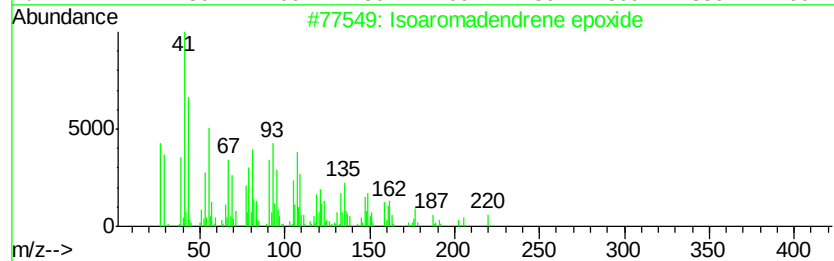
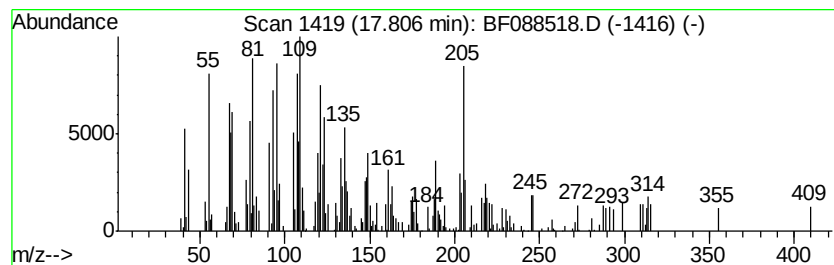
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Isoaromadendrene epoxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	4.96 ng	198727	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isoaromadendrene epoxide	220	C15H24O	1000159-36-6	55
2		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	49
3		2,2,6-Trimethyl-1-(2-methyl-cyclobut-2-enyl)-hepta...	218	C15H22O	1000188-72-8	45
4		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43
5		4-(1,3,3-Trimethyl-bicyclo[4.1.0]...	206	C14H22O	077143-31-8	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088518.D
Acq On : 30 Jun 2016 4:18
Operator : UM/SJ
Sample : H3829-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TILCON-GF-014

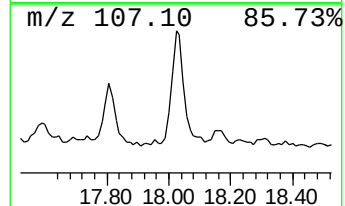
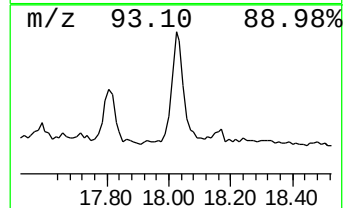
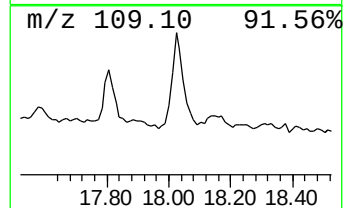
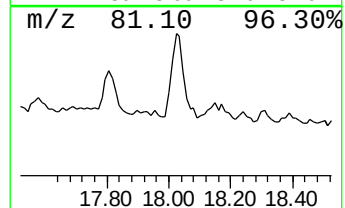
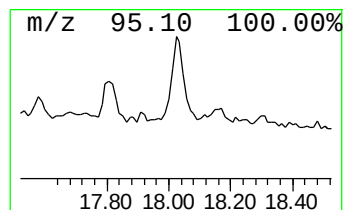
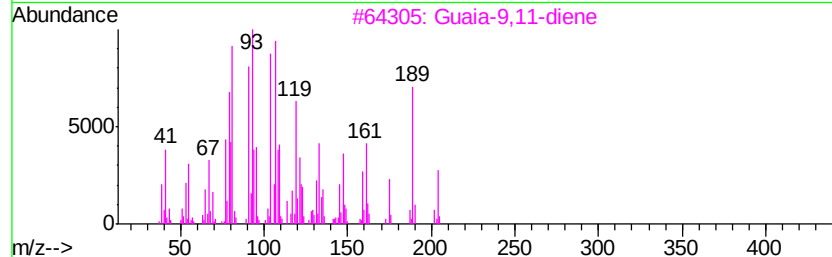
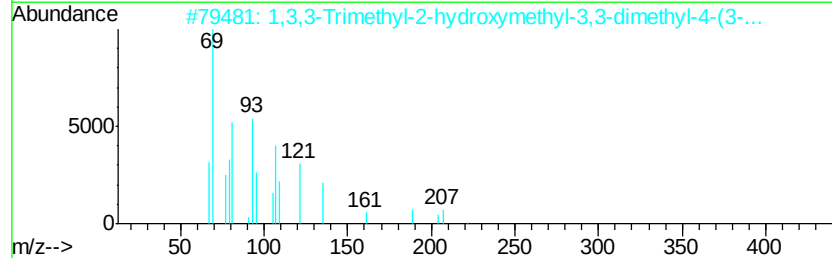
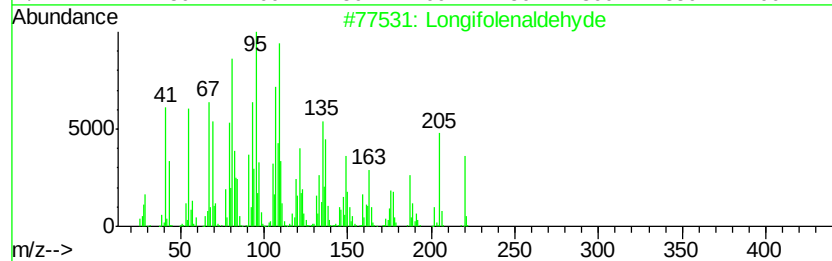
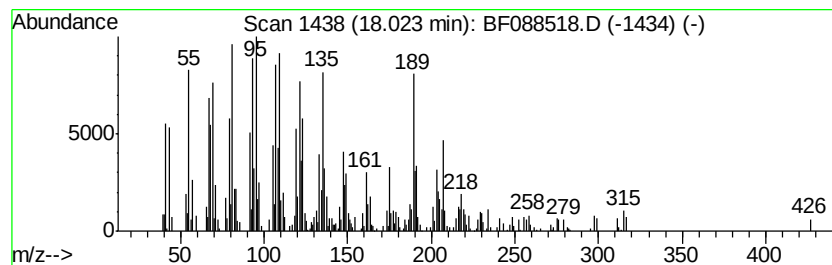
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Longifolenaldehyde Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	10.15 ng	406897	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Longifolenaldehyde	220	C15H24O	019890-84-7	83
2		1,3,3-Trimethyl-2-hydroxymethyl-...	222	C15H26O	1000144-10-7	60
3		Guaia-9,11-diene	204	C15H24	1000374-19-8	49
4		Caparratriene	206	C15H26	1000374-08-7	49
5		1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
 Data File : BF088518.D
 Acq On : 30 Jun 2016 4:18
 Operator : UM/SJ
 Sample : H3829-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Propane, 1,1-dime...	2.07	25.9	ng	970909	1	6.82	749914	20.0
unknown5.00	5.00	13.8	ng	516543	1	6.82	749914	20.0
unknown6.58	6.58	64.7	ng	2425700	1	6.82	749914	20.0
Ethanol, 2-phenoxy-	8.25	4.8	ng	192391	2	8.10	805486	20.0
Undecanoic acid	11.86	3.1	ng	102392	4	11.32	650350	20.0
1-Heptacosanol	13.82	9.4	ng	409921	5	13.95	875688	20.0
1-Octadecene	14.46	7.4	ng	322636	5	13.95	875688	20.0
Octadecane	14.75	3.1	ng	122691	6	15.36	801932	20.0
Heneicosane	15.06	5.2	ng	209786	6	15.36	801932	20.0
1,19-Eicosadiene	15.61	4.2	ng	168308	6	15.36	801932	20.0
Octacosane	15.83	4.7	ng	187350	6	15.36	801932	20.0
unknown15.87	15.87	4.0	ng	160065	6	15.36	801932	20.0
unknown16.03	16.03	4.9	ng	195255	6	15.36	801932	20.0
Octadecanal	16.57	3.0	ng	120666	6	15.36	801932	20.0
Isoaromadendrene ...	17.81	5.0	ng	198727	6	15.36	801932	20.0
Longifolenaldehyde	18.02	10.2	ng	406897	6	15.36	801932	20.0