

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089477.D
 Acq On : 31 Jul 2016 18:19
 Operator : UM/SJ
 Sample : H4252-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RU001

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-BF072716.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	5	6	71	rVB	1322050	3589215	100.00%	25.506%
2	4.581	259	262	274	rBV	263235	467277	13.02%	3.321%
3	5.061	302	304	318	rBV	796661	1039906	28.97%	7.390%
4	6.159	398	400	407	rBV	635658	1067888	29.75%	7.589%
5	6.261	407	409	411	rBV	995102	1102087	30.71%	7.832%
6	6.490	427	429	436	rBV	232821	253691	7.07%	1.803%
7	6.650	440	443	445	rBV	628063	832620	23.20%	5.917%
8	7.062	477	479	489	rBV	460088	651153	18.14%	4.627%
9	7.782	540	542	544	rBV	242426	308380	8.59%	2.191%
10	8.856	634	636	639	rBV	1291413	1177597	32.81%	8.368%
11	9.256	669	671	674	rBV	195455	173484	4.83%	1.233%
12	9.519	692	694	697	rBV	395812	343088	9.56%	2.438%
13	10.308	761	763	765	rBV	449834	522428	14.56%	3.712%
14	10.445	773	775	779	rBV	34581	39856	1.11%	0.283%
15	10.993	820	823	827	rBV	246461	274374	7.64%	1.950%
16	11.553	870	872	875	rBV	36366	46319	1.29%	0.329%
17	12.422	945	948	951	rVV	31473	45934	1.28%	0.326%
18	12.571	959	961	964	rBV	810600	788793	21.98%	5.605%
19	13.485	1037	1041	1049	rBV3	49151	80526	2.24%	0.572%
20	13.611	1049	1052	1059	rBV2	232403	313308	8.73%	2.226%
21	14.114	1093	1096	1102	rBV3	27081	49334	1.37%	0.351%
22	14.605	1136	1139	1144	rBV	29576	65438	1.82%	0.465%
23	14.685	1144	1146	1153	rBV2	49889	121051	3.37%	0.860%
24	14.937	1166	1168	1171	rBV	211844	262838	7.32%	1.868%
25	15.142	1184	1186	1189	rVB3	29593	40028	1.12%	0.284%
26	15.337	1200	1203	1204	rBV	52112	82727	2.30%	0.588%
27	15.371	1204	1206	1210	rVB3	26639	45435	1.27%	0.323%
28	15.942	1253	1256	1260	rBV	31613	55723	1.55%	0.396%
29	16.331	1287	1290	1296	rVB3	23875	65042	1.81%	0.462%
30	16.537	1305	1308	1314	rVB2	35311	83031	2.31%	0.590%
31	17.325	1373	1377	1382	rBV3	17752	47376	1.32%	0.337%
32	18.114	1441	1446	1452	rVV4	9568	36250	1.01%	0.258%

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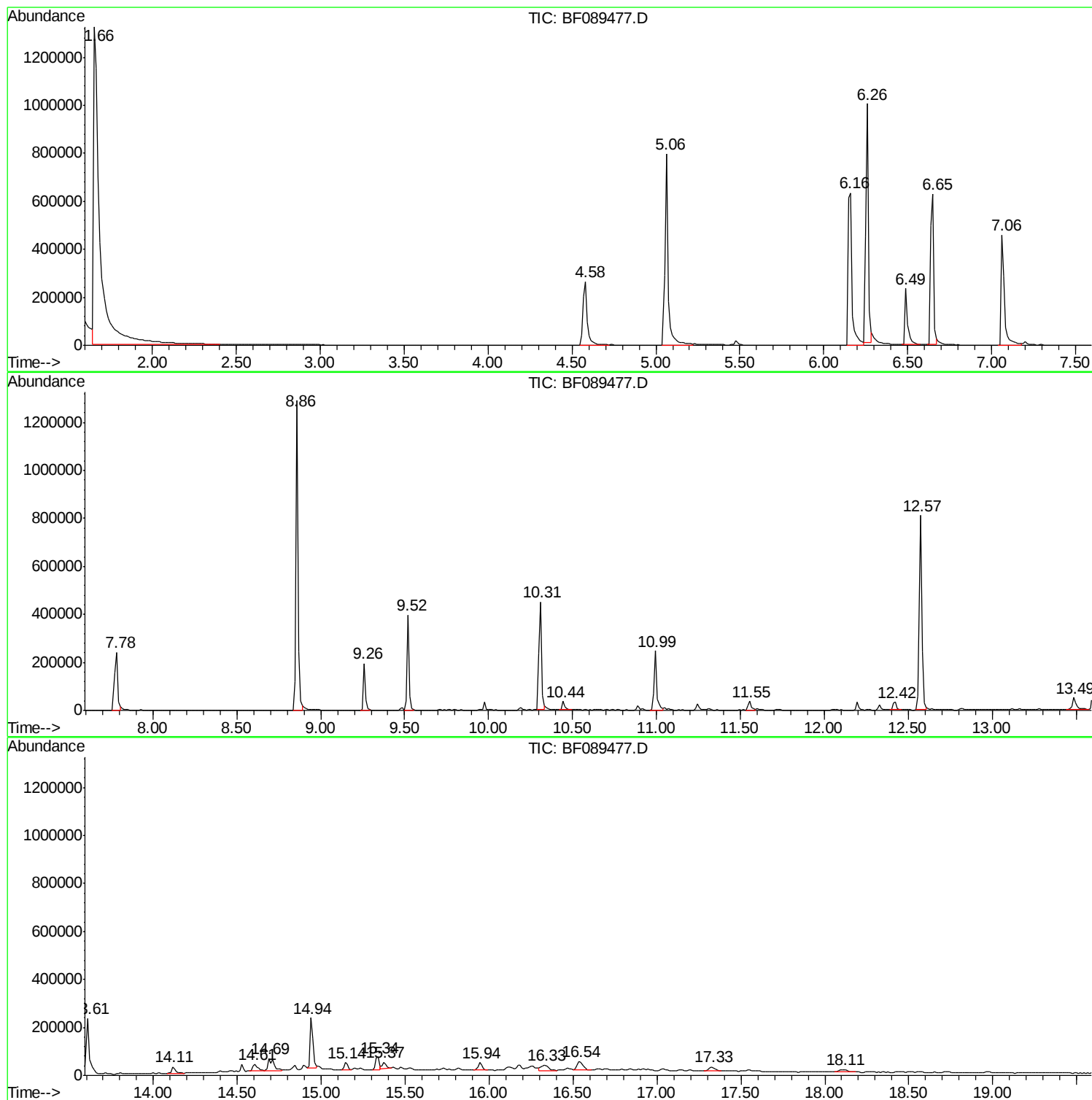
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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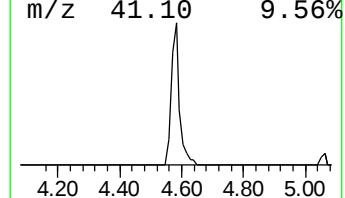
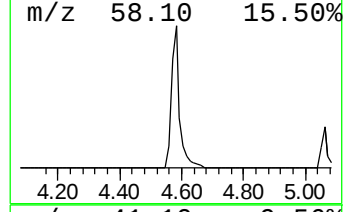
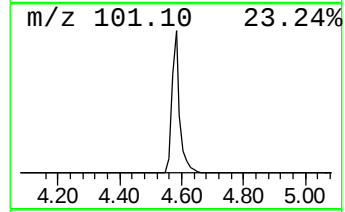
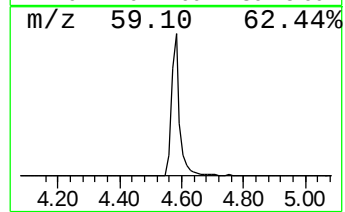
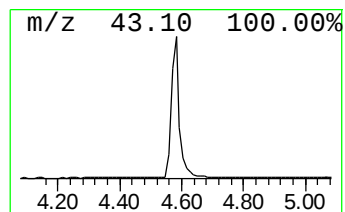
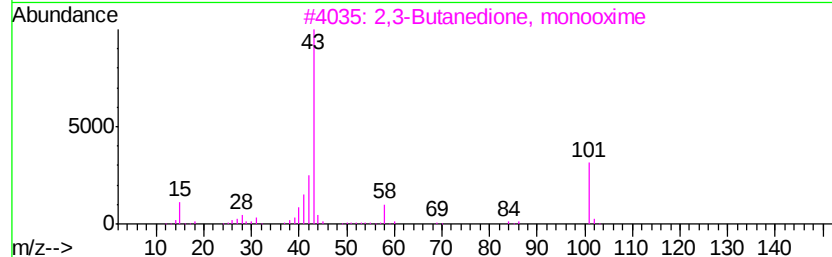
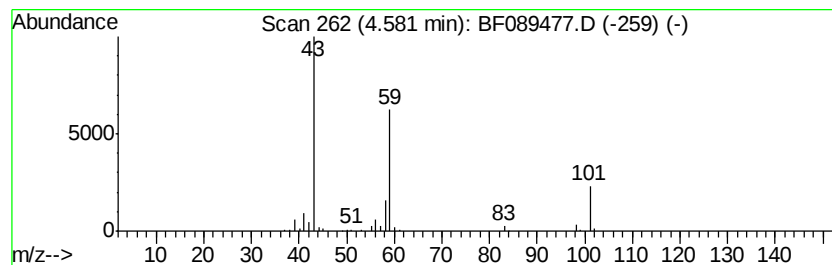
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	36.84 ng	467277	1,4-Dichlorobenzene-d4	6.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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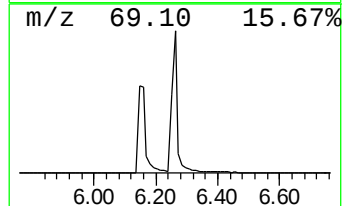
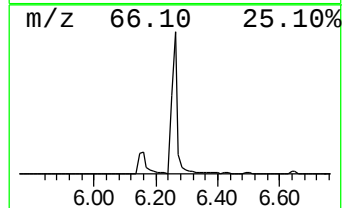
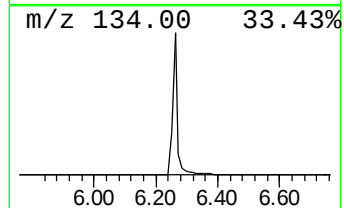
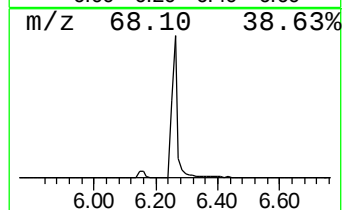
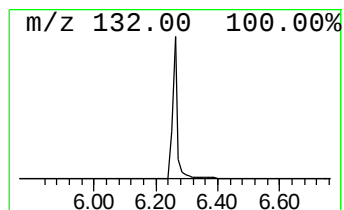
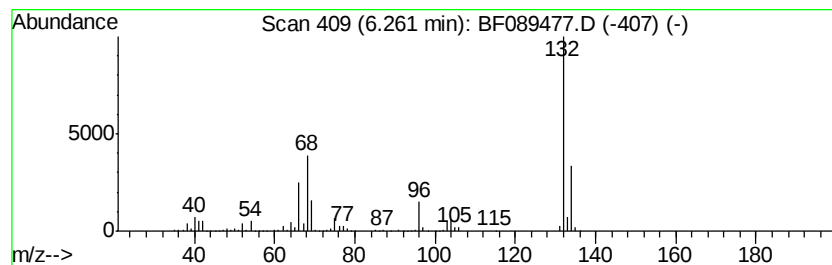
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown6.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	86.88 ng	1102090	1,4-Dichlorobenzene-d4	6.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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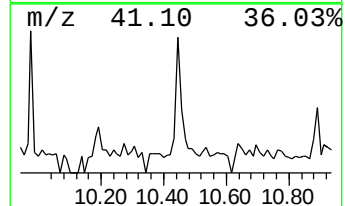
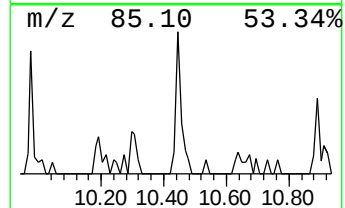
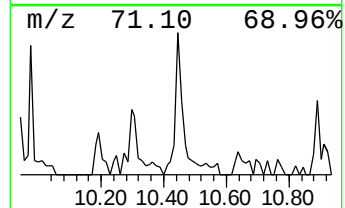
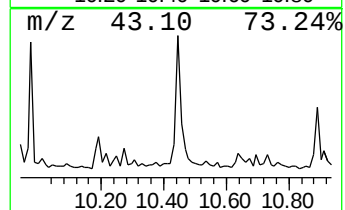
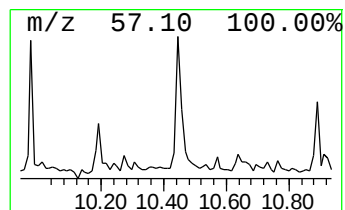
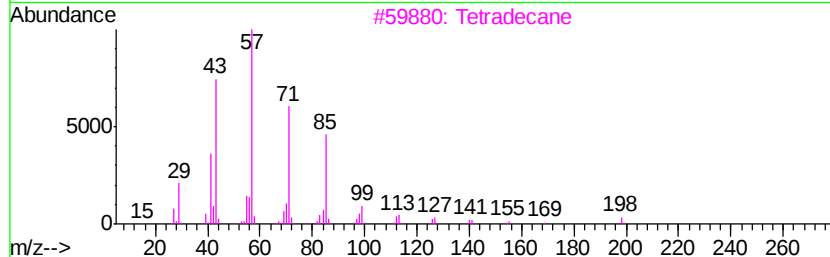
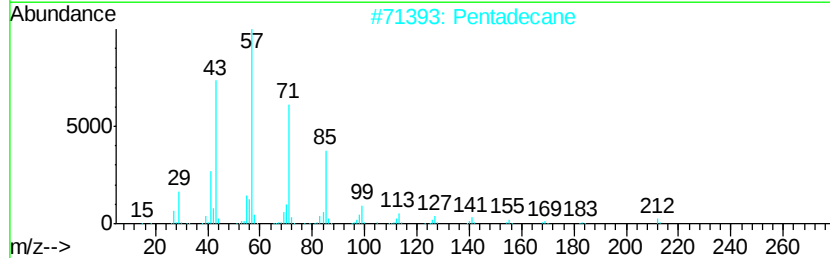
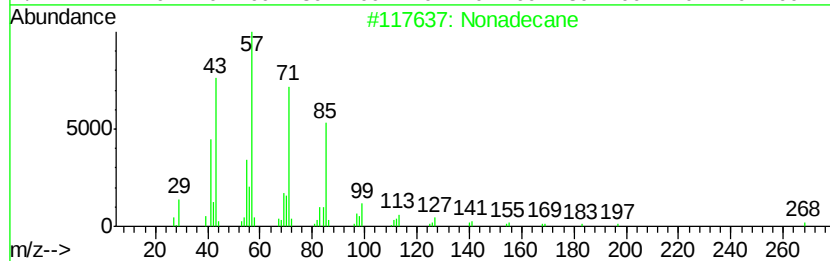
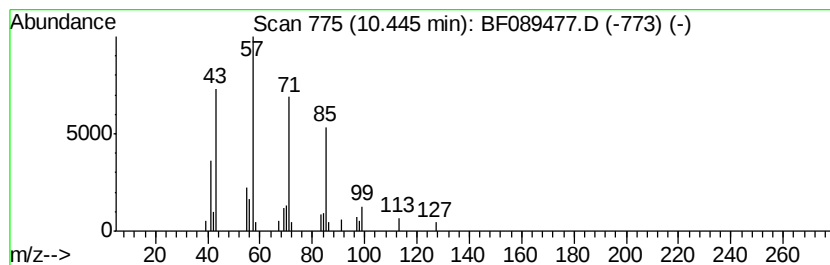
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Peak Number 5 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.44	2.91 ng	39856	Phenanthrene-d10		10.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Pentadecane	212	C15H32	000629-62-9	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	78
5			Hexadecane	226	C16H34	000544-76-3	78



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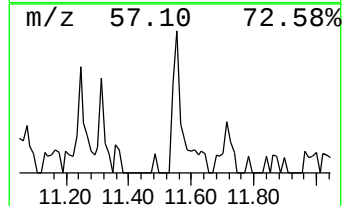
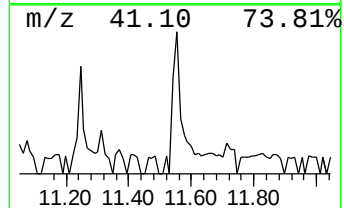
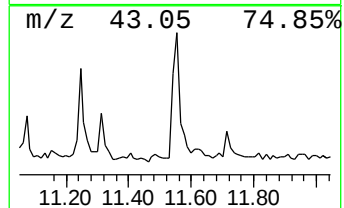
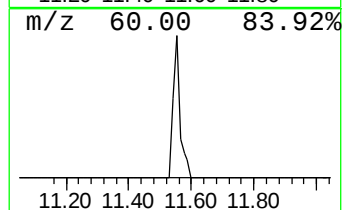
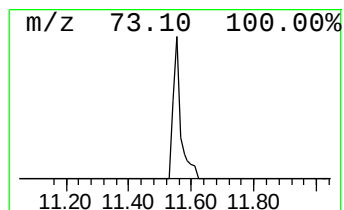
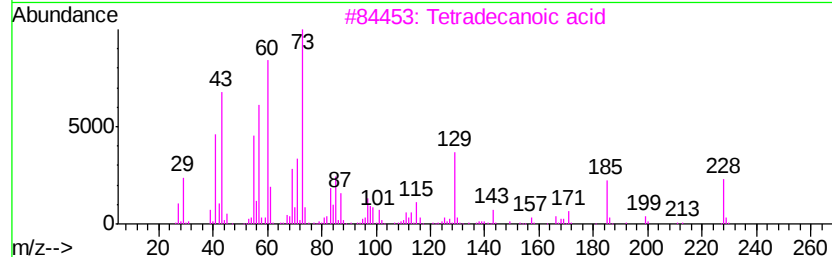
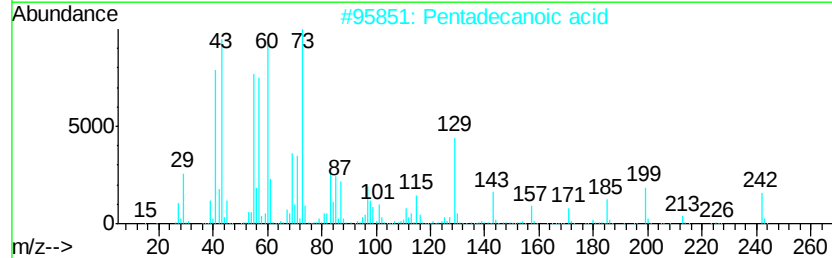
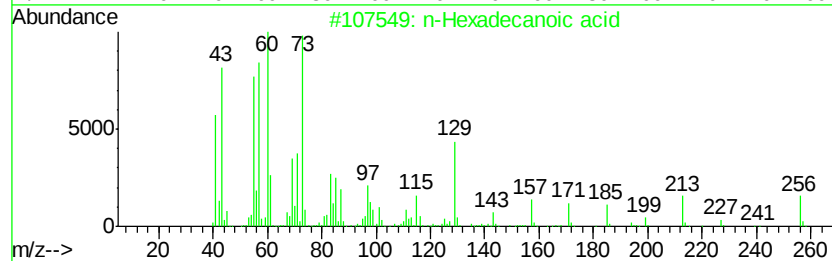
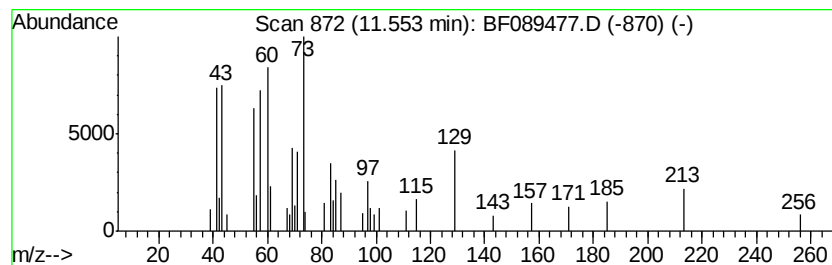
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	3.38 ng	46319	Phenanthrene-d10	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



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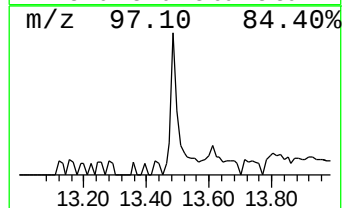
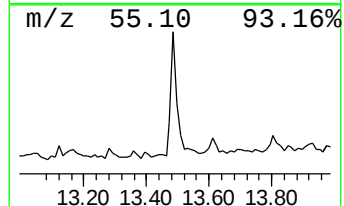
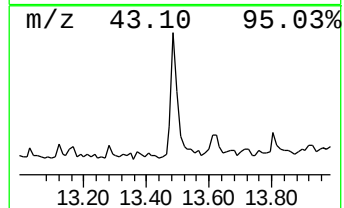
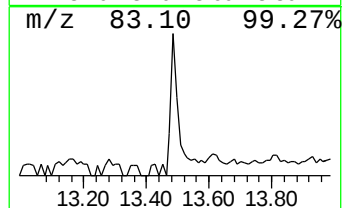
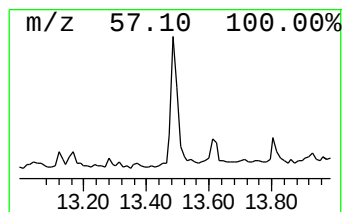
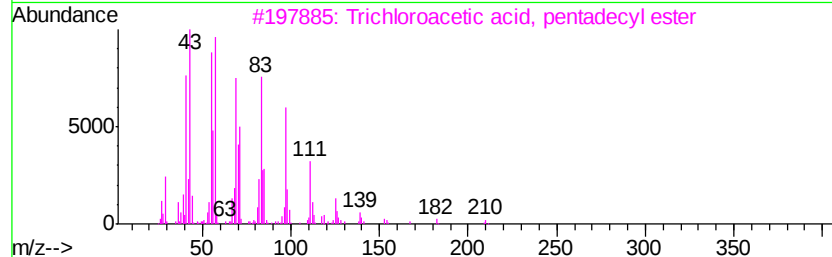
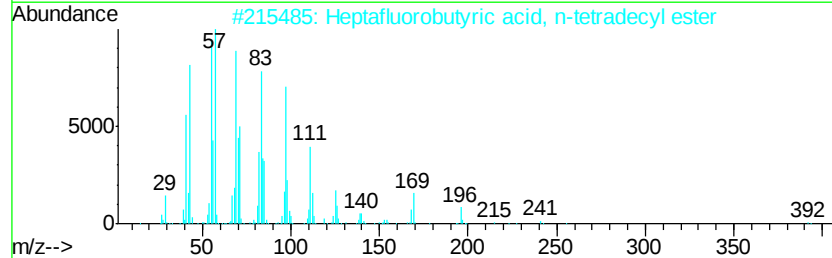
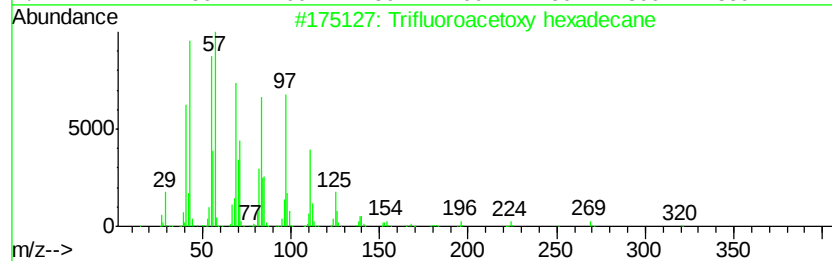
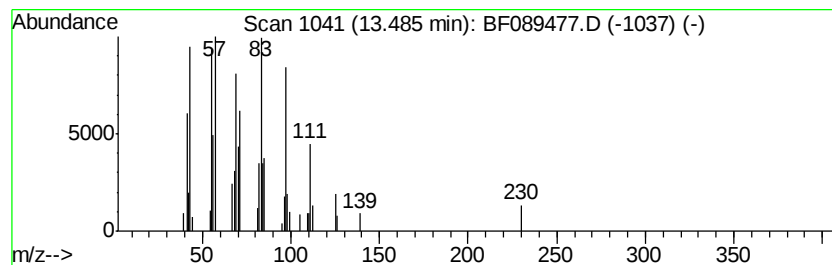
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Peak Number 7 Trifluoroacetoxy hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	5.14 ng	80526	Chrysene-d12	13.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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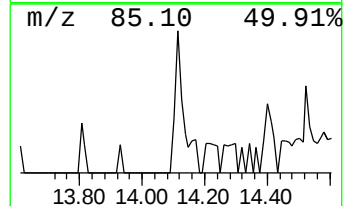
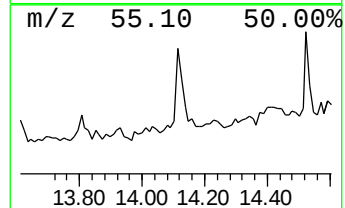
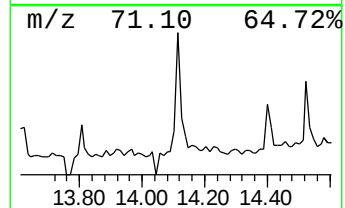
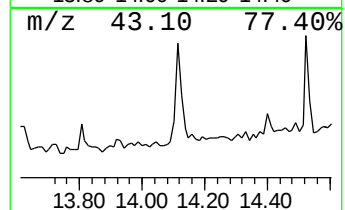
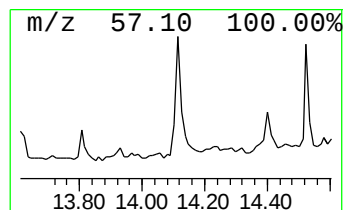
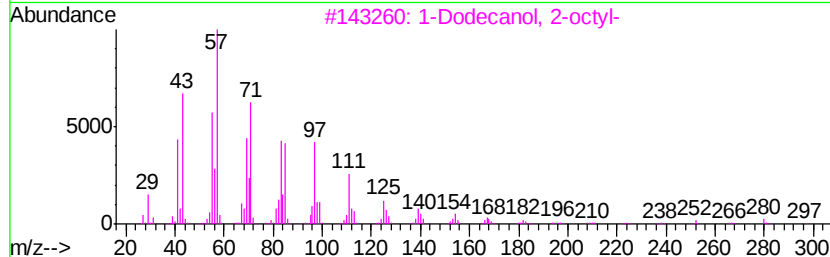
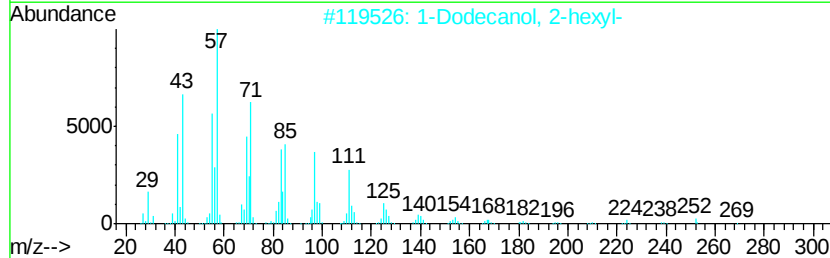
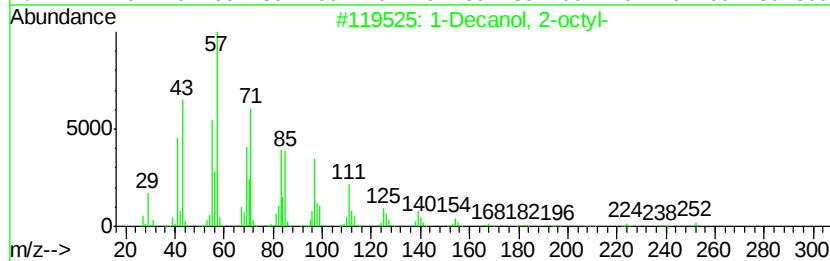
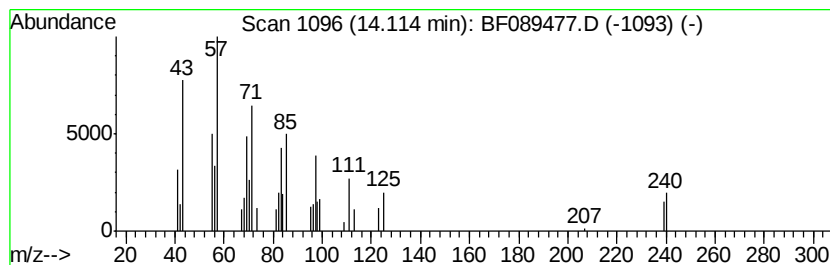
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Decanol, 2-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.11	3.15 ng	49334	Chrysene-d12	13.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	72
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	72
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	72
4	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	68
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073116\
Data File : BF089477.D
Acq On : 31 Jul 2016 18:19
Operator : UM/SJ
Sample : H4252-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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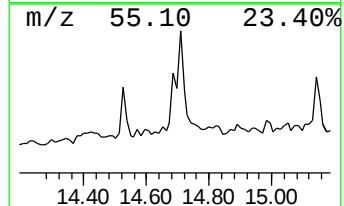
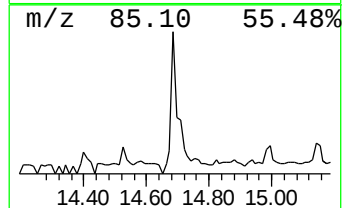
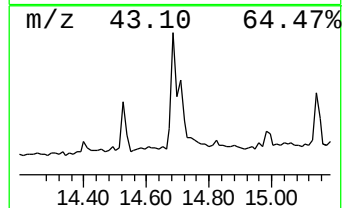
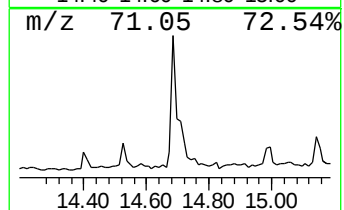
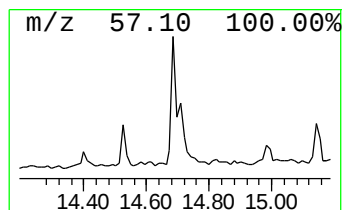
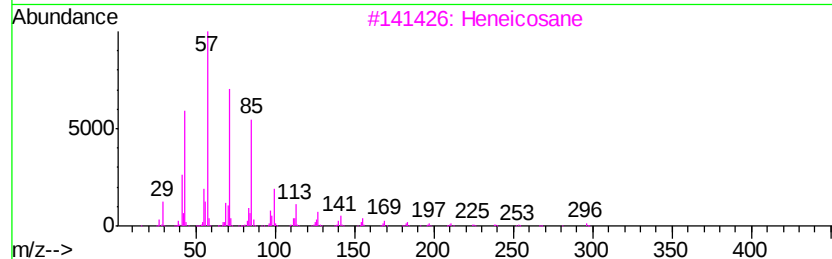
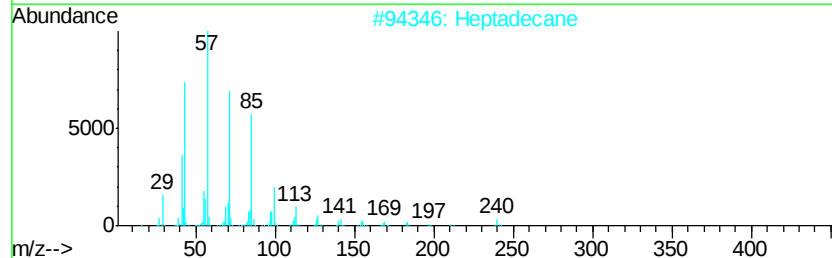
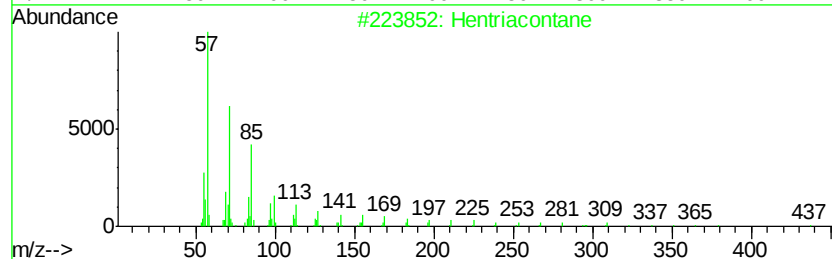
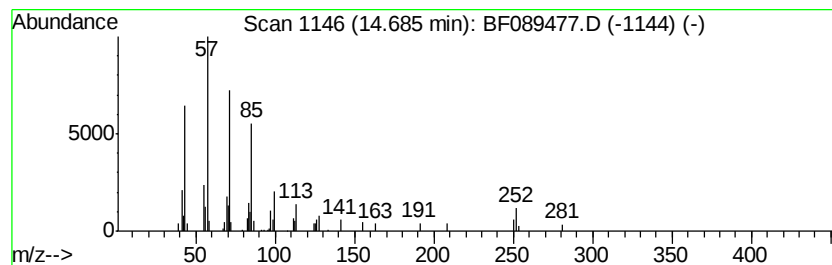
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	9.21 ng	121051	Perylene-d12	14.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	87
2	Heptadecane		240	C17H36	000629-78-7	81
3	Heneicosane		296	C21H44	000629-94-7	81
4	Hexadecane		226	C16H34	000544-76-3	81
5	triacontane		422	C30H62	000638-68-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
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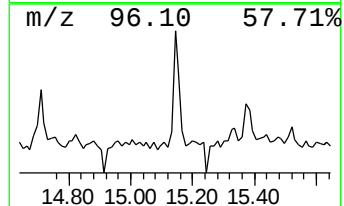
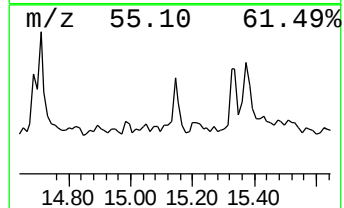
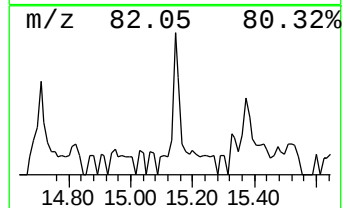
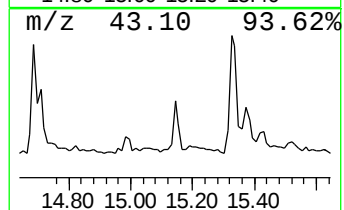
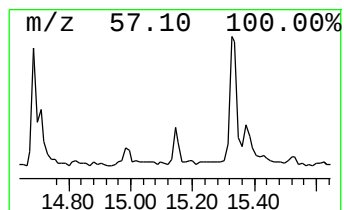
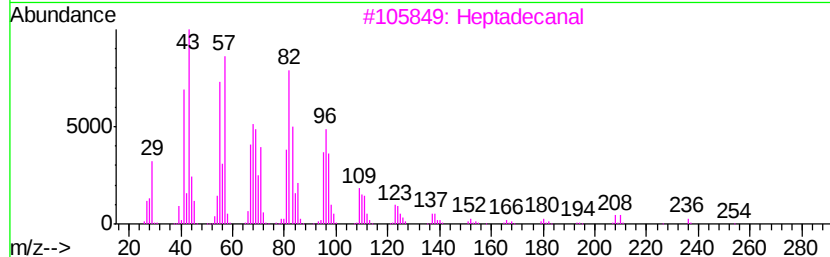
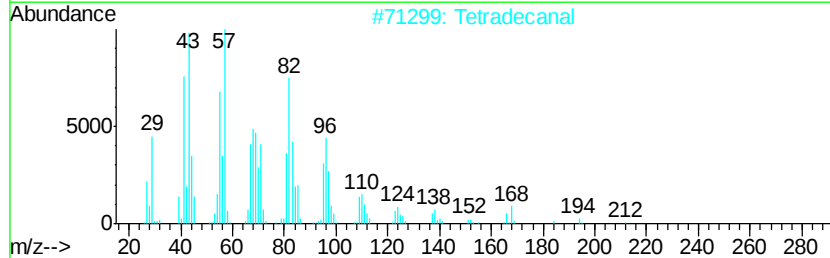
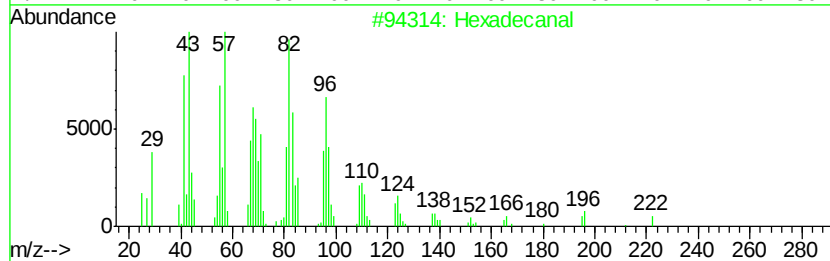
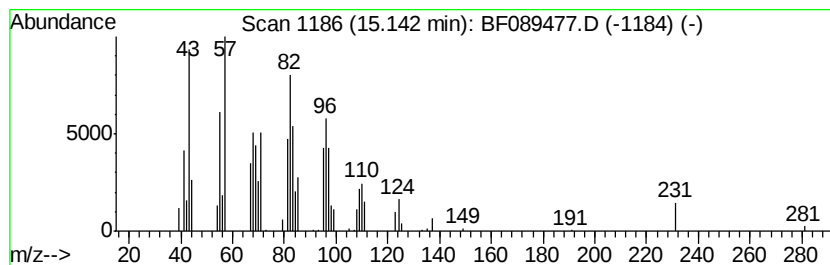
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.05 ng	40028	Perylene-d12	14.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanal	240	C16H32O	000629-80-1	95
2			Tetradecanal	212	C14H28O	000124-25-4	91
3			Heptadecanal	254	C17H34O	1000376-70-0	91
4			Octadecanal	268	C18H36O	000638-66-4	91
5			14-Octadecenal	266	C18H34O	056554-89-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073116\
Data File : BF089477.D
Acq On : 31 Jul 2016 18:19
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Sample : H4252-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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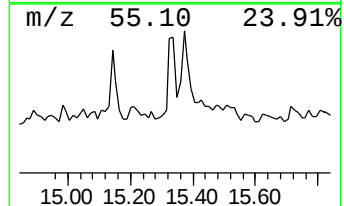
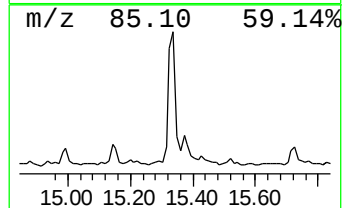
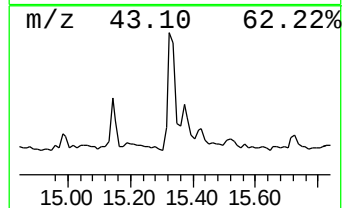
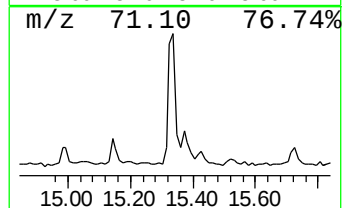
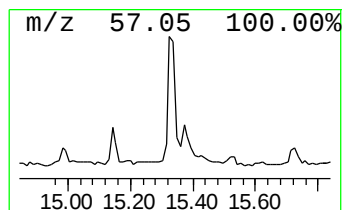
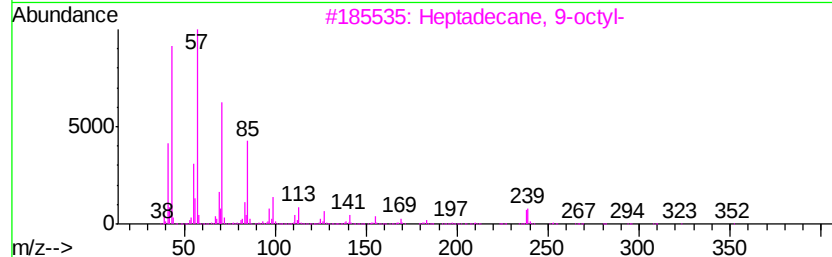
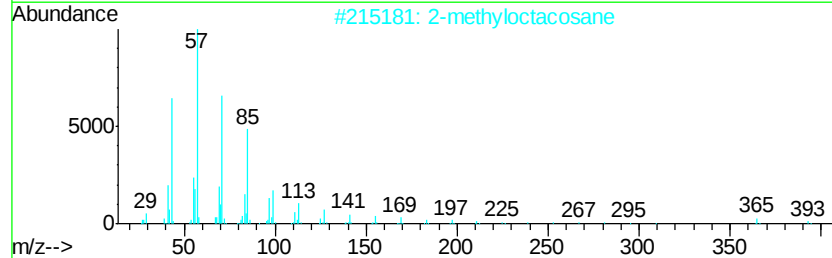
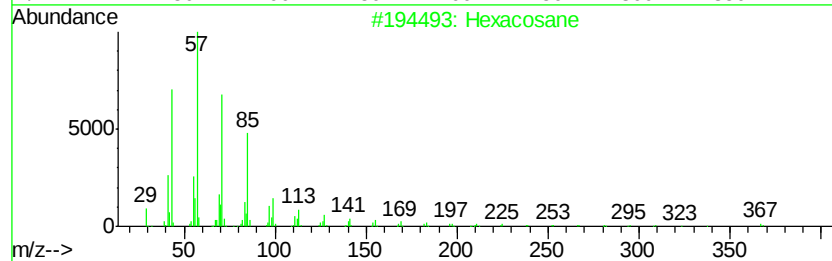
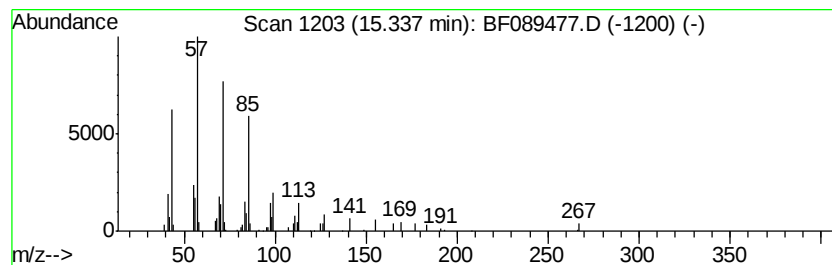
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	6.29 ng	82727	Perylene-d12	14.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073116\
Data File : BF089477.D
Acq On : 31 Jul 2016 18:19
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Sample : H4252-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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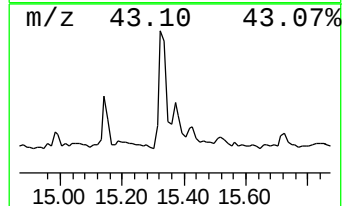
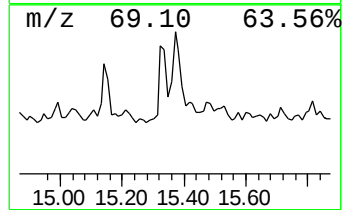
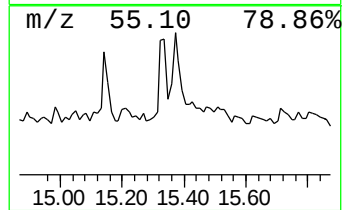
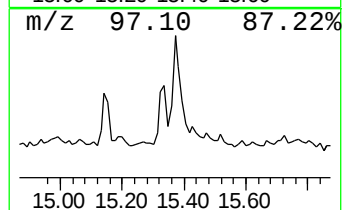
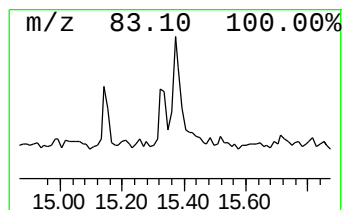
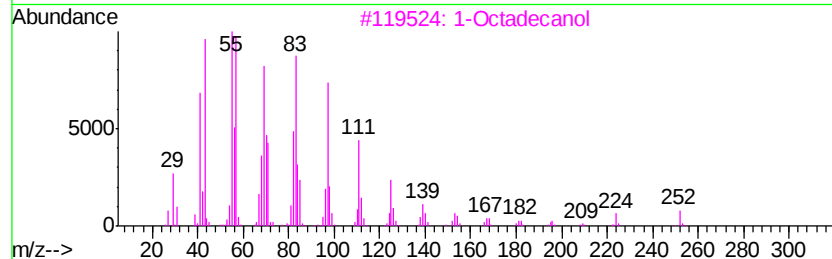
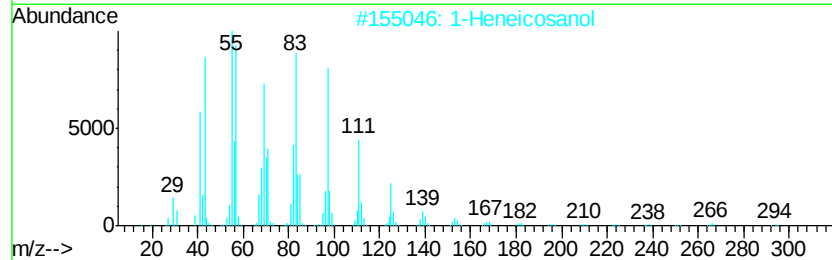
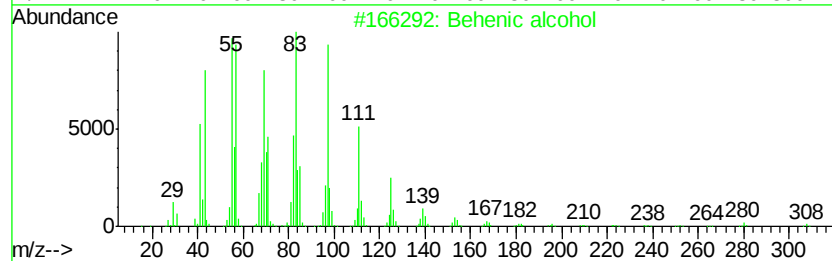
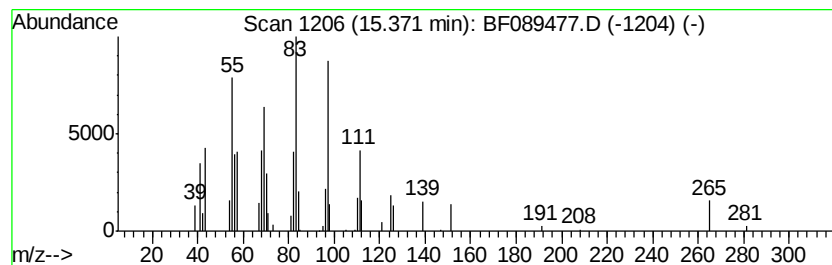
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Behenic alcohol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.46 ng	45435	Perylene-d12	14.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	90
2		1-Heneicosanol	312	C21H44O	015594-90-8	83
3		1-Octadecanol	270	C18H38O	000112-92-5	52
4		Cycloheptane, methyl-	112	C8H16	004126-78-7	43
5		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089477.D
Acq On : 31 Jul 2016 18:19
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Sample : H4252-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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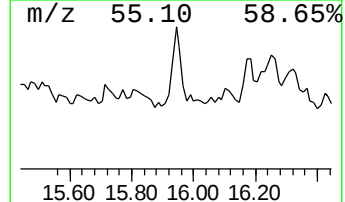
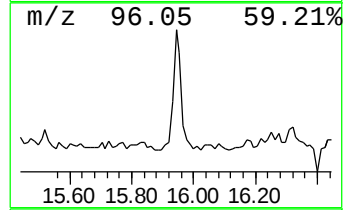
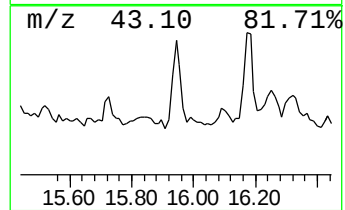
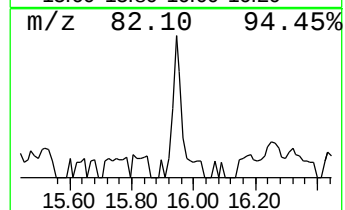
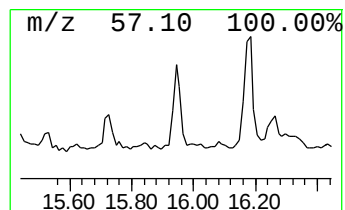
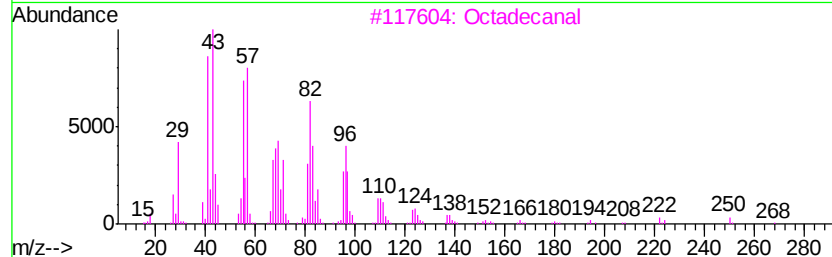
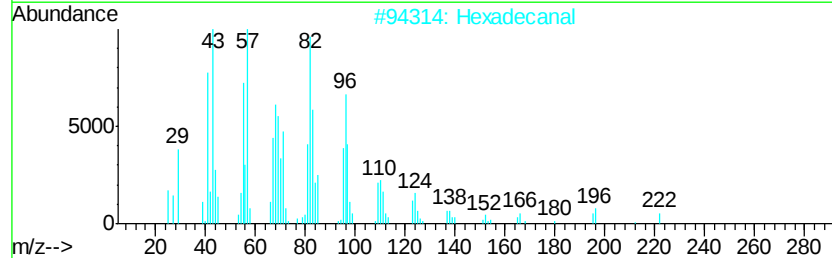
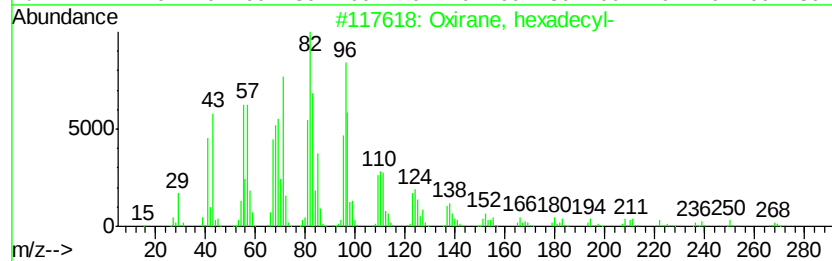
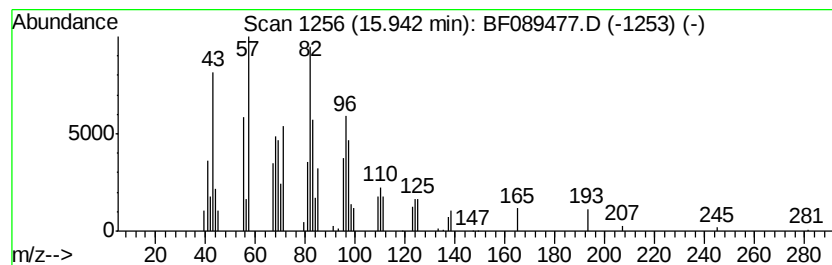
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	4.24 ng	55723	Perylene-d12	14.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2			Hexadecanal	240	C16H32O	000629-80-1	94
3			Octadecanal	268	C18H36O	000638-66-4	91
4			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5			Heptadecanal	254	C17H34O	1000376-70-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073116\
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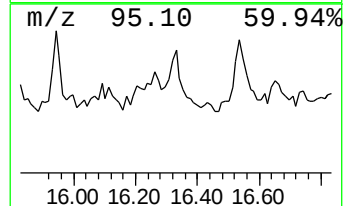
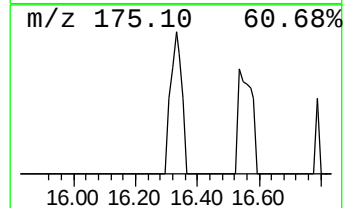
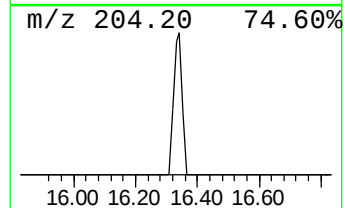
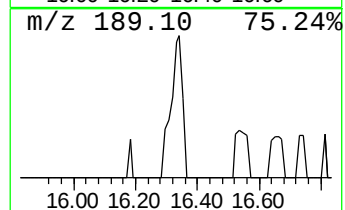
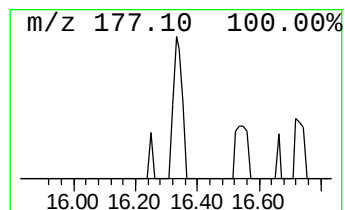
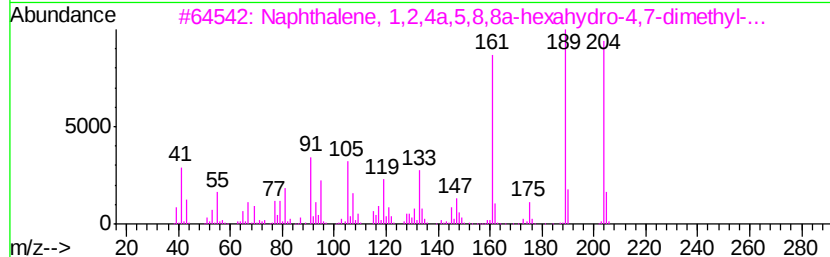
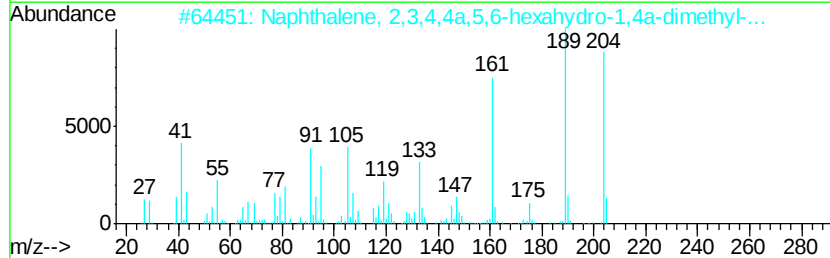
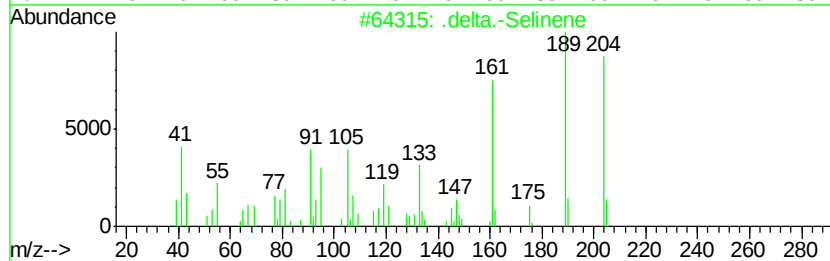
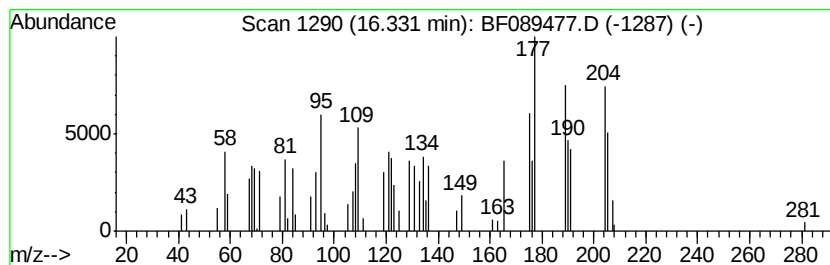
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown16.33 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	4.95 ng	65042	Perylene-d12	14.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.delta.-Selinene	204	C15H24	028624-23-9	27
2		Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	27
3		Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	22
4		Cedrene-V6	204	C15H24	1000162-76-8	22
5		2-Methylthio-1,4-naphthoquinone	204	C11H8O2S	026037-60-5	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
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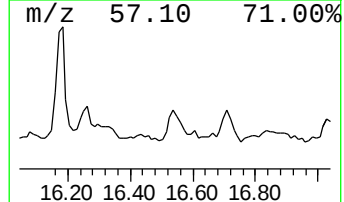
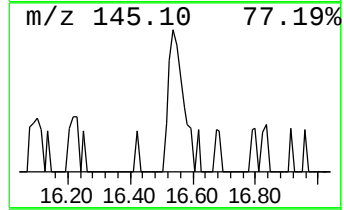
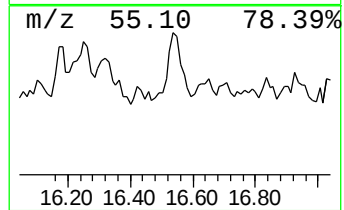
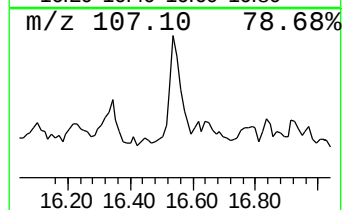
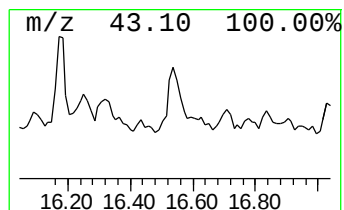
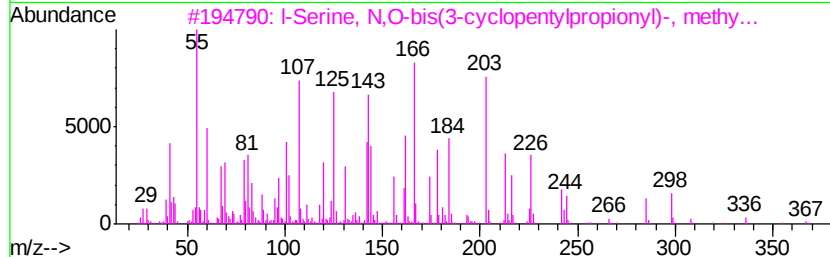
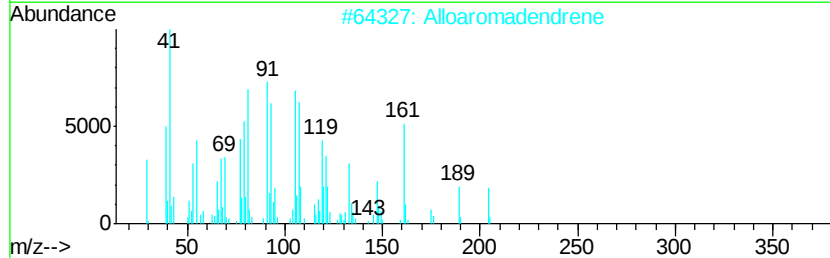
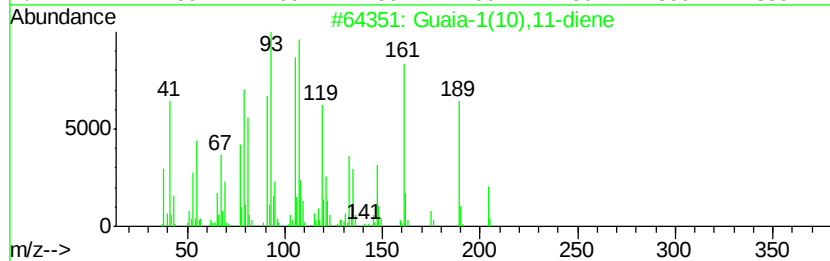
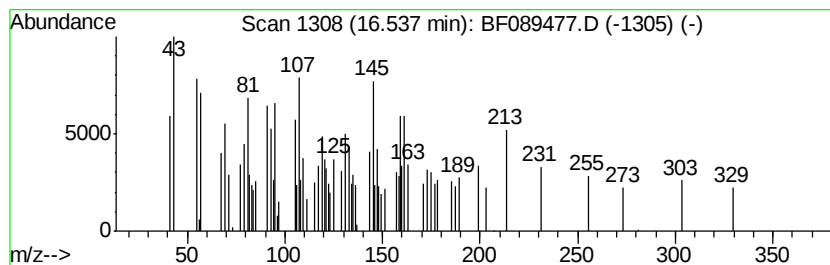
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.54 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	6.32 ng	83031	Perylene-d12	14.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Guaia-1(10),11-diene	204	C15H24	1000374-19-7	14
2		Alloaromadendrene	204	C15H24	025246-27-9	14
3		l-Serine, N,O-bis(3-cyclopentylpropionyl)-, methy...	367	C20H33NO5	1000299-65-7	11
4		Cyclohexane, 1,5-diethenyl-2,3-d...	164	C12H20	068779-12-4	11
5		Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073116\
Data File : BF089477.D
Acq On : 31 Jul 2016 18:19
Operator : UM/SJ
Sample : H4252-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RU001

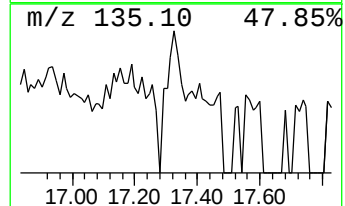
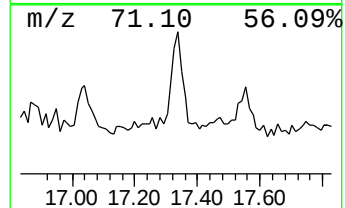
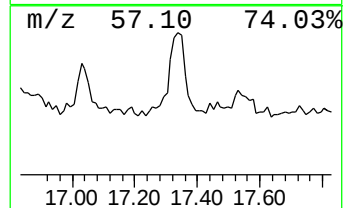
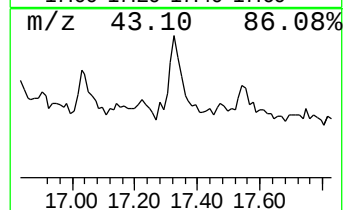
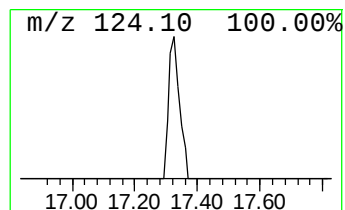
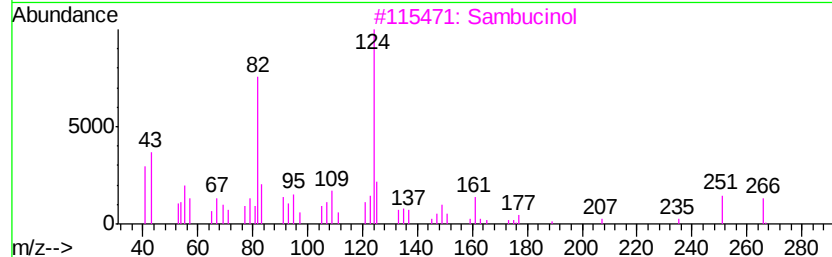
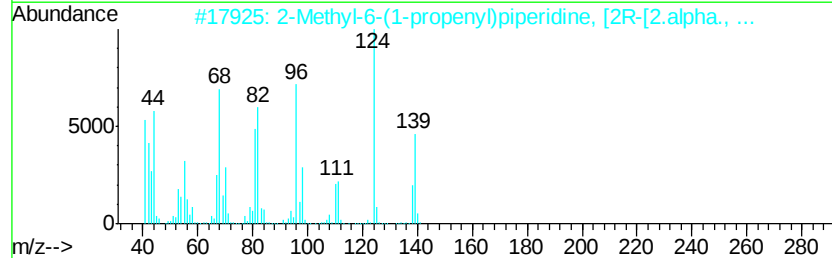
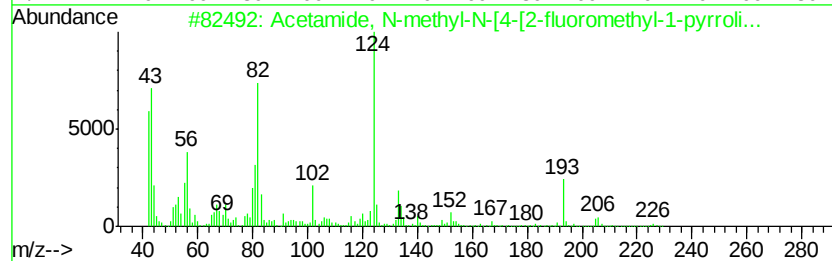
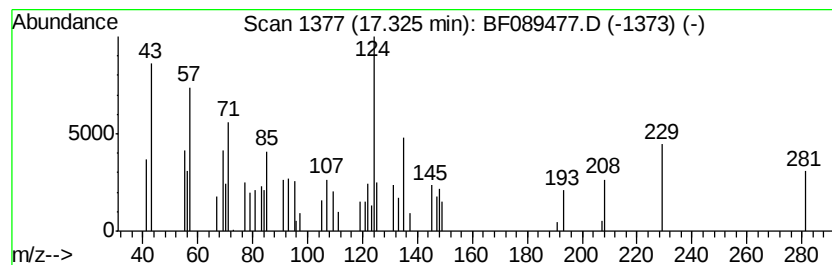
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.33 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	3.60 ng	47376	Perylene-d12	14.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetamide, N-methyl-N-[4-[2-fluo...	226	C12H19FN2O	132377-37-8	10
2			2-Methyl-6-(1-propenyl)piperidin...	139	C9H17N	000501-02-0	10
3			Sambucinol	266	C15H22O4	090044-33-0	10
4			Acetic acid, cyano-, (1-methylet...	139	C6H9N3O	004974-42-9	10
5			4H-Pyran-4-one, 2,6-dimethyl-	124	C7H8O2	001004-36-0	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089477.D
Acq On : 31 Jul 2016 18:19
Operator : UM/SJ
Sample : H4252-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RU001

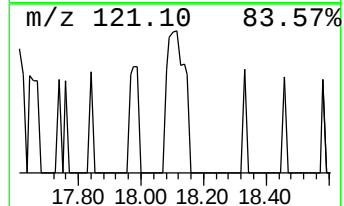
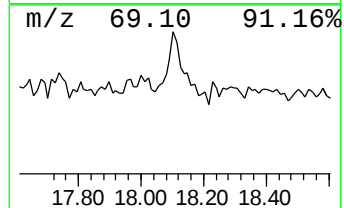
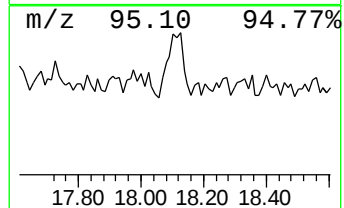
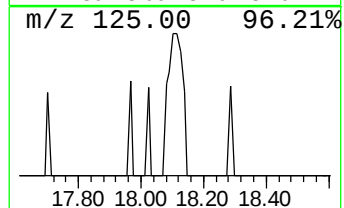
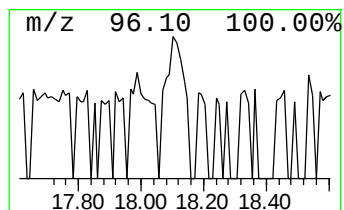
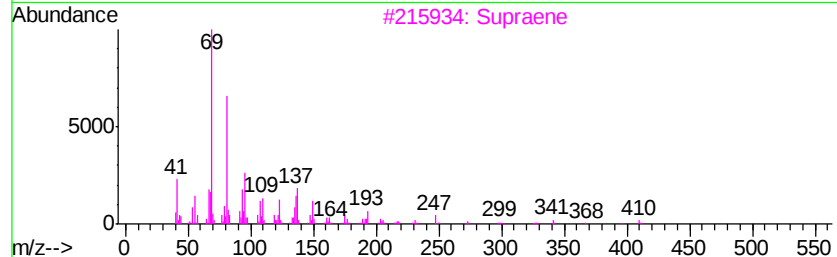
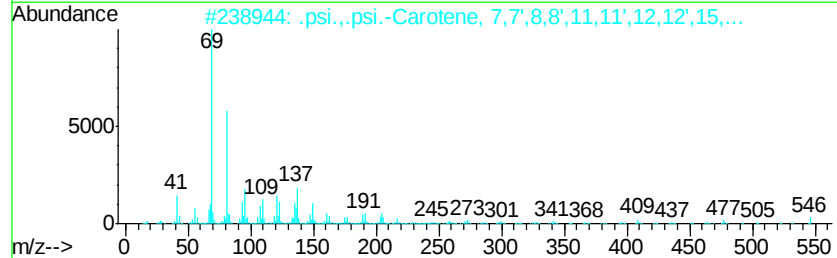
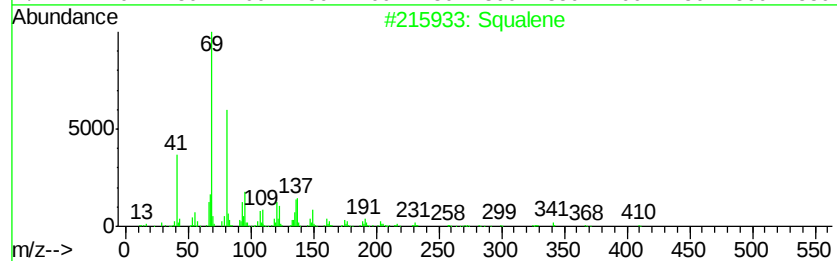
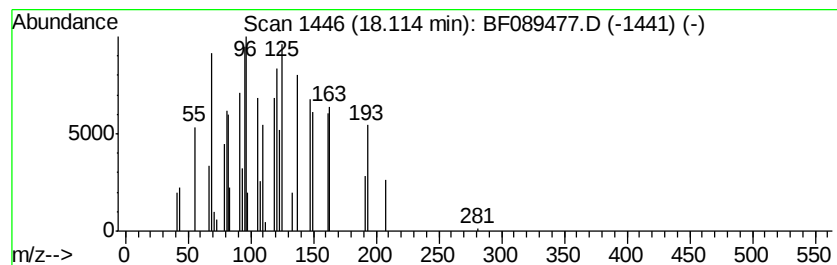
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown18.11 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	2.76 ng	36250	Perylene-d12	14.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	32
2			.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	12
3			Supraene	410	C30H50	007683-64-9	12
4			1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	12
5			1,2-Cyclohexanedimethanol	144	C8H16O2	003971-29-7	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073116\
 Data File : BF089477.D
 Acq On : 31 Jul 2016 18:19
 Operator : UM/SJ
 Sample : H4252-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RU001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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
2-Pentanone, 4-hy...	4.58	36.8	ng	467277	1	6.49	253691	20.0
unknown6.26	6.26	86.9	ng	1102090	1	6.49	253691	20.0
Nonadecane	10.44	2.9	ng	39856	4	10.99	274374	20.0
n-Hexadecanoic acid	11.55	3.4	ng	46319	4	10.99	274374	20.0
Trifluoroacetoxy ...	13.49	5.1	ng	80526	5	13.61	313308	20.0
1-Decanol, 2-octyl-	14.11	3.1	ng	49334	5	13.61	313308	20.0
Hentriacontane	14.69	9.2	ng	121051	6	14.94	262838	20.0
Hexadecanal	15.14	3.0	ng	40028	6	14.94	262838	20.0
Hexacosane	15.34	6.3	ng	82727	6	14.94	262838	20.0
Behenic alcohol	15.37	3.5	ng	45435	6	14.94	262838	20.0
Oxirane, hexadecyl-	15.94	4.2	ng	55723	6	14.94	262838	20.0
unknown16.33	16.33	5.0	ng	65042	6	14.94	262838	20.0
unknown16.54	16.54	6.3	ng	83031	6	14.94	262838	20.0
unknown17.33	17.33	3.6	ng	47376	6	14.94	262838	20.0
unknown18.11	18.11	2.8	ng	36250	6	14.94	262838	20.0