

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085582.D
 Acq On : 19 Mar 2016 19:32
 Operator : UM/SJ
 Sample : H1788-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

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-BF031816.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.053	239	242	247	rBV	45524	62901	2.14%	0.232%
2	5.453	274	277	280	rBV	2512935	2656983	90.31%	9.790%
3	6.482	365	367	370	rBV	2002192	2941946	100.00%	10.840%
4	6.619	376	379	382	rBV	2815701	2733287	92.91%	10.071%
5	6.847	397	399	402	rBV	667963	725354	24.66%	2.673%
6	7.007	410	413	416	rBV	2487502	2233358	75.91%	8.229%
7	7.419	446	449	451	rBV	2009833	2023264	68.77%	7.455%
8	7.510	455	457	464	rVB	28393	41053	1.40%	0.151%
9	8.139	509	512	514	rBV	1109120	1005201	34.17%	3.704%
10	9.213	603	606	608	rBV	3210667	2872196	97.63%	10.583%
11	9.602	638	640	642	rBV	451907	506485	17.22%	1.866%
12	9.819	658	659	662	rBV	79044	91709	3.12%	0.338%
13	9.888	663	665	668	rVB	1118841	1004967	34.16%	3.703%
14	10.059	676	680	681	rBV	22023	34104	1.16%	0.126%
15	10.322	701	703	705	rVB	181619	142659	4.85%	0.526%
16	10.539	719	722	726	rBV	54733	104933	3.57%	0.387%
17	10.676	731	734	737	rBV	1801368	1767907	60.09%	6.514%
18	10.791	743	744	749	rBV	138330	209942	7.14%	0.774%
19	10.985	759	761	763	rBV2	24527	36038	1.22%	0.133%
20	11.248	781	784	785	rBV	45419	70538	2.40%	0.260%
21	11.271	785	786	789	rVB	49015	45942	1.56%	0.169%
22	11.374	793	795	797	rBV	1072902	975965	33.17%	3.596%
23	11.442	798	801	803	rVB3	28987	44345	1.51%	0.163%
24	11.899	839	841	846	rVB2	81817	99091	3.37%	0.365%
25	11.979	846	848	853	rVB3	17522	44244	1.50%	0.163%
26	12.071	853	856	858	rBV3	24821	45641	1.55%	0.168%
27	12.425	883	887	888	rBV3	23949	48075	1.63%	0.177%
28	12.688	907	910	913	rBV4	38710	75740	2.57%	0.279%
29	12.814	919	921	924	rBV3	27268	56249	1.91%	0.207%
30	12.951	931	933	936	rBV	1566400	2200537	74.80%	8.108%
31	13.191	952	954	956	rBV2	23550	30677	1.04%	0.113%
32	13.397	970	972	975	rBV	46256	58972	2.00%	0.217%
33	13.865	1011	1013	1017	rVB3	71838	118692	4.03%	0.437%
34	14.002	1022	1025	1028	rBV2	697966	837662	28.47%	3.086%

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ClientSampleId :
SB-5(9-10)

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-BF031816.M
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35	15.431	1148	1150	1155	rVB	498631	710501	24.15%	2.618%
36	15.568	1160	1162	1167	rVB2	78967	124218	4.22%	0.458%
37	16.105	1207	1209	1214	rVB2	100864	197294	6.71%	0.727%
38	16.517	1243	1245	1250	rVB	87022	160951	5.47%	0.593%

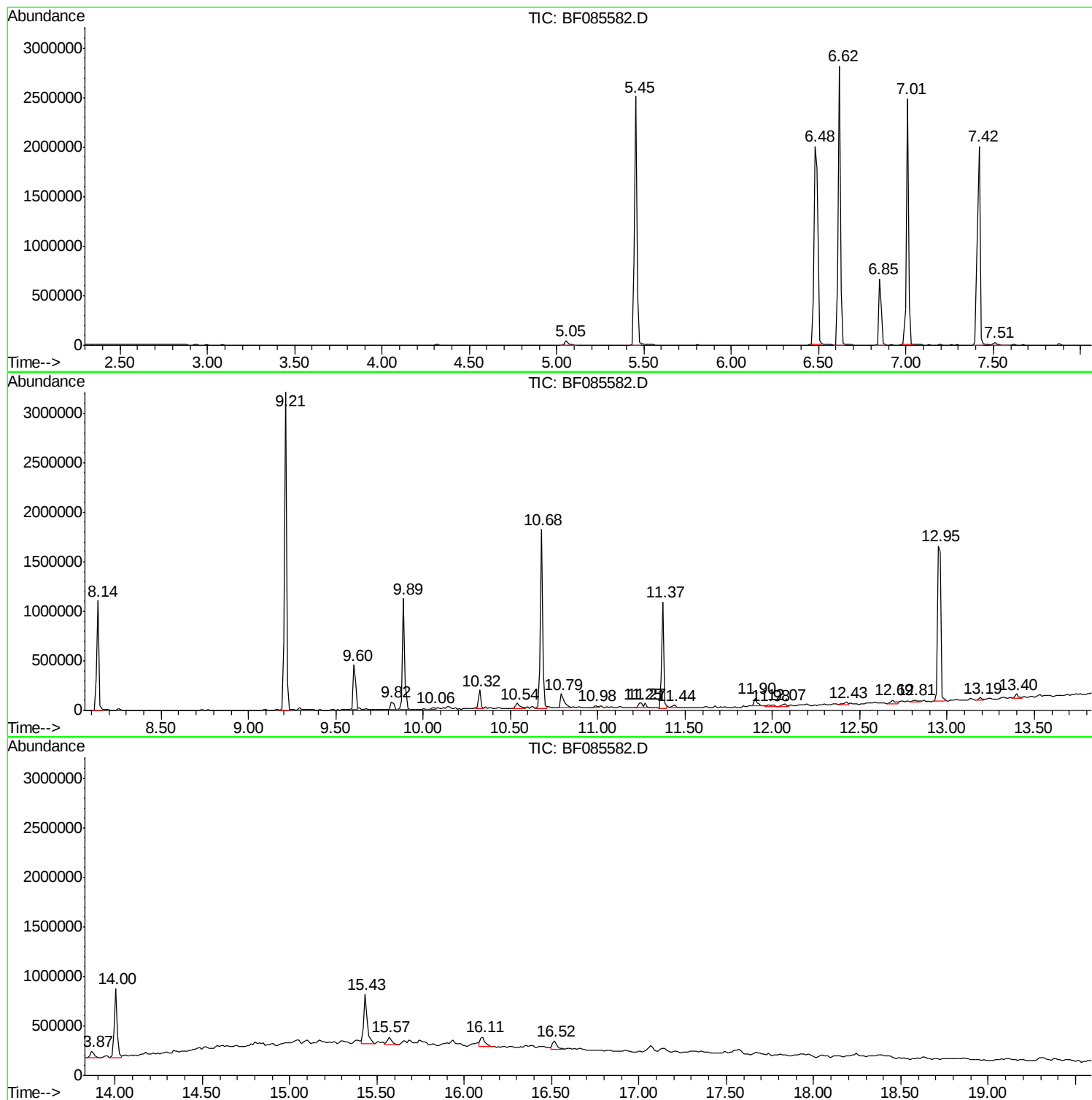
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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ClientSampleId :
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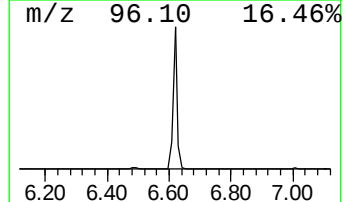
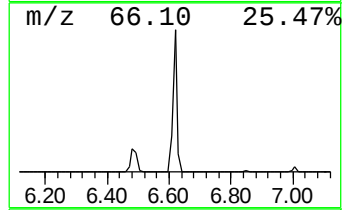
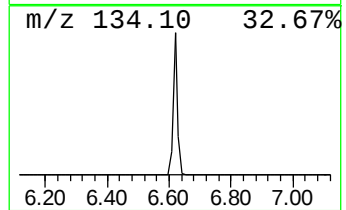
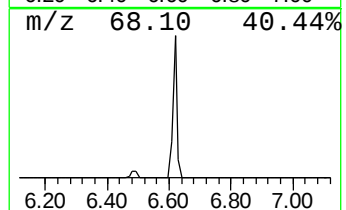
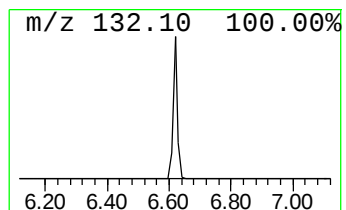
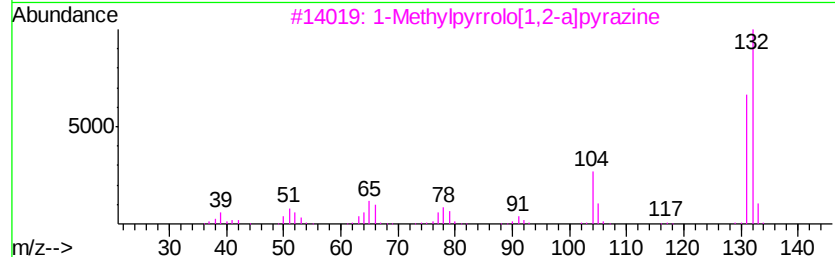
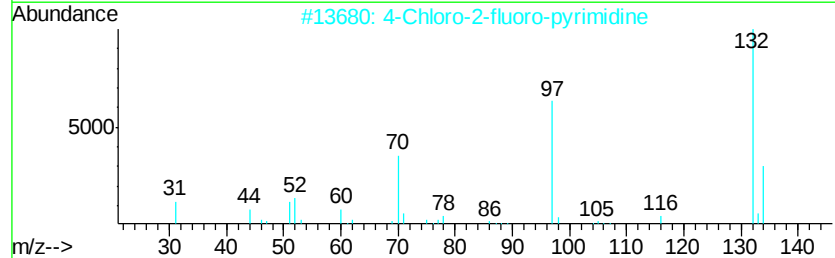
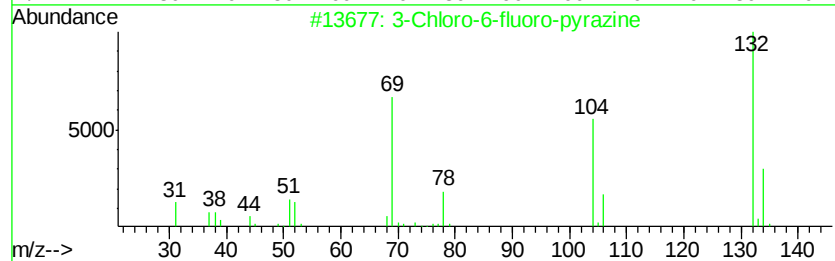
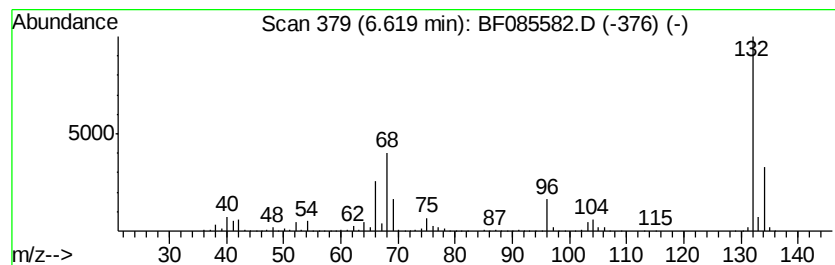
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	75.36 ng	2733290	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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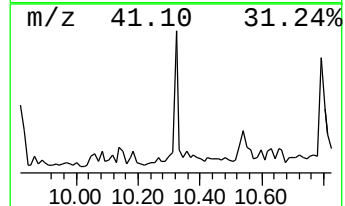
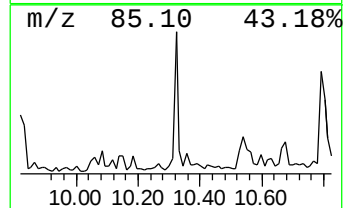
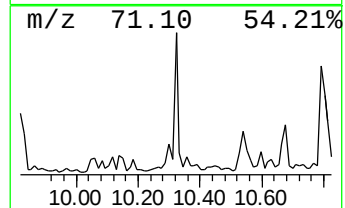
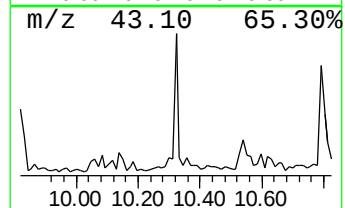
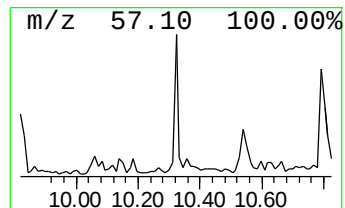
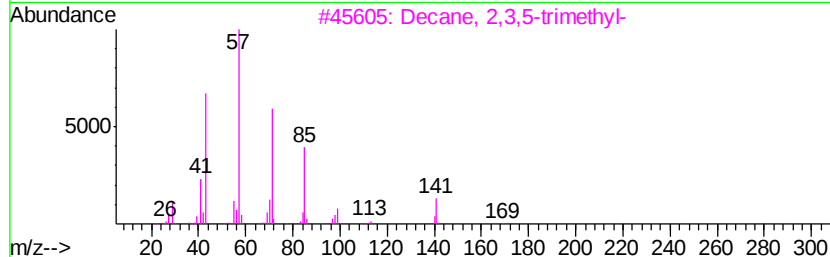
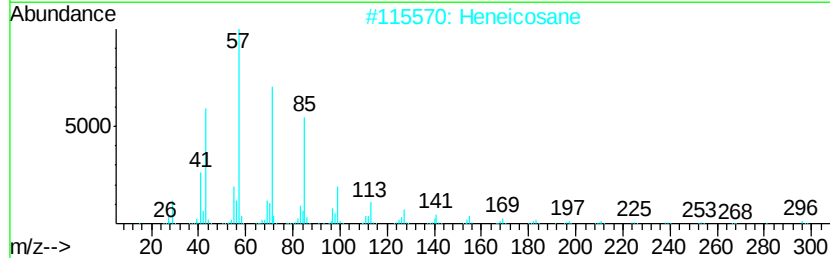
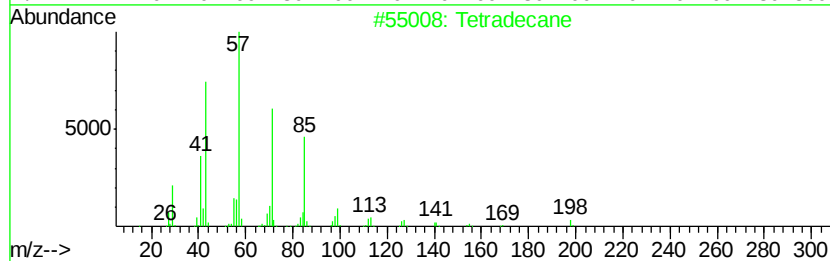
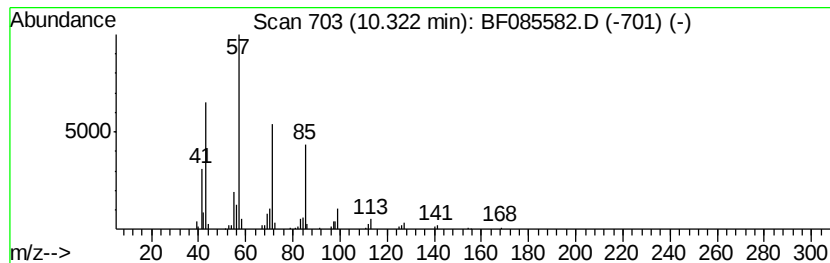
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SB-5(9-10)

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

Peak Number 3 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.84 ng	142659	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 91
2		Heneicosane	296 C21H44	000629-94-7 90
3		Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3 90
4		Hexadecane	226 C16H34	000544-76-3 90
5		Eicosane	282 C20H42	000112-95-8 83



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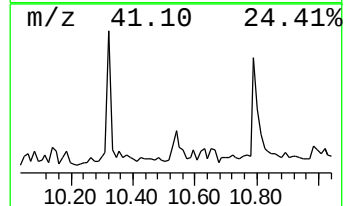
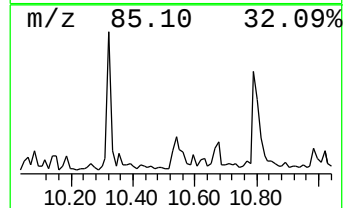
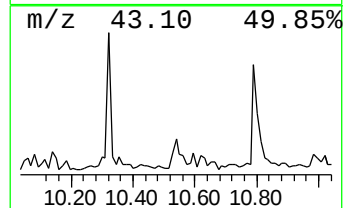
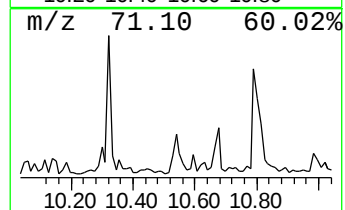
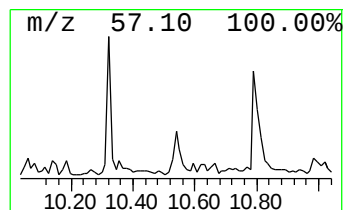
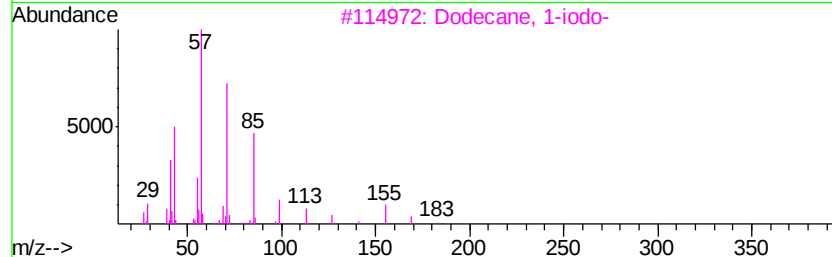
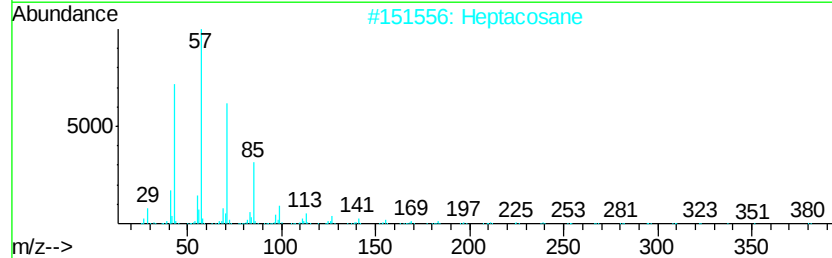
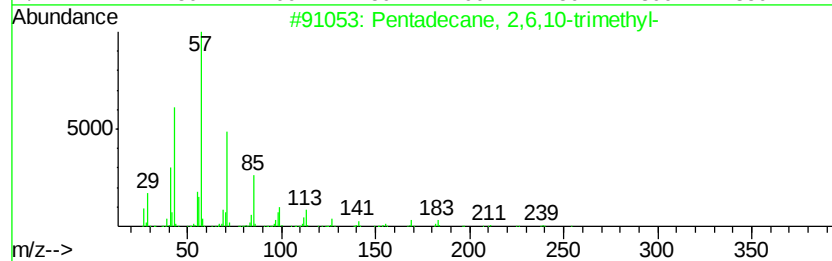
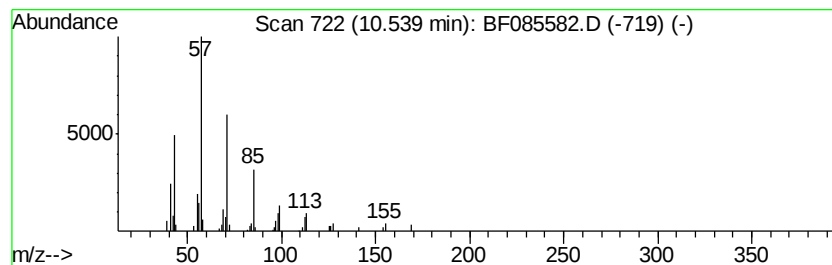
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.09 ng	104933	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Heptacosane	380	C27H56	000593-49-7	80
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5		Heptadecane	240	C17H36	000629-78-7	80



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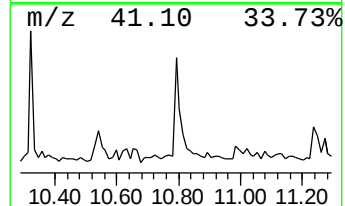
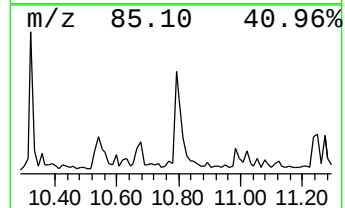
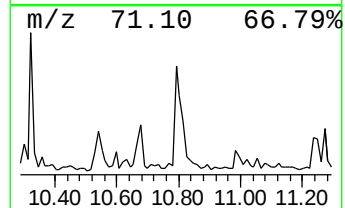
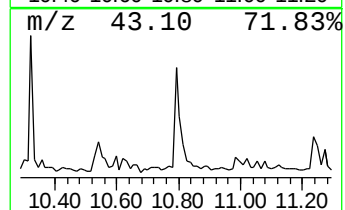
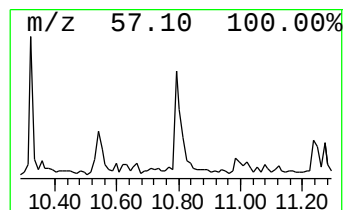
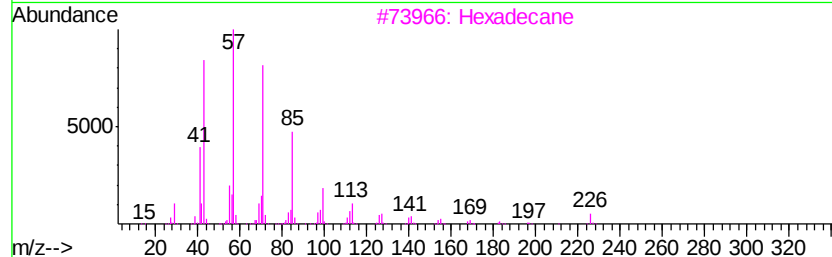
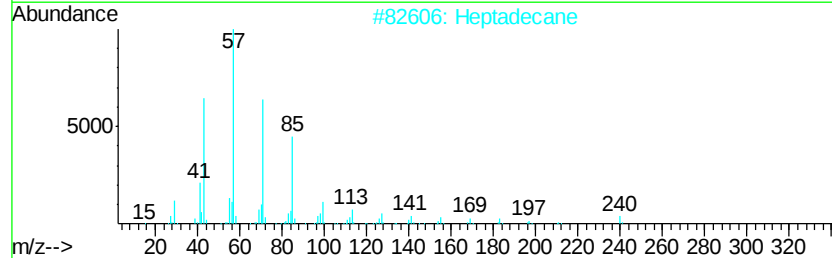
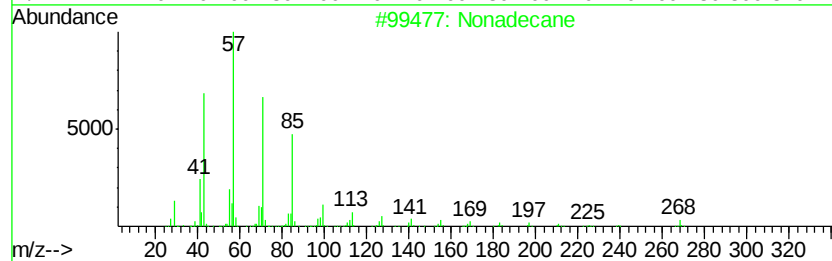
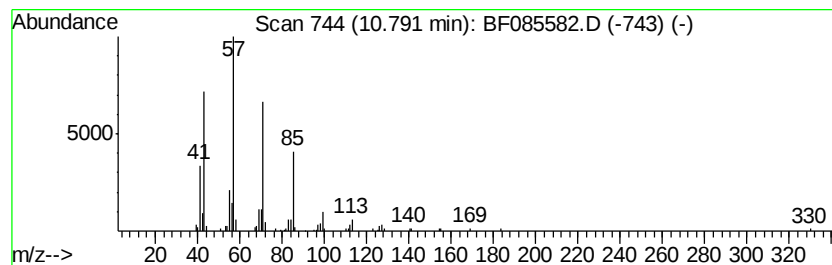
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.79	4.30 ng	209942	Phenanthrene-d10		11.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



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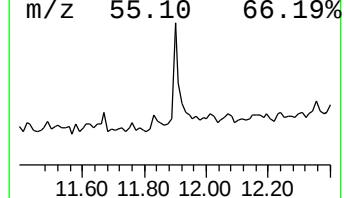
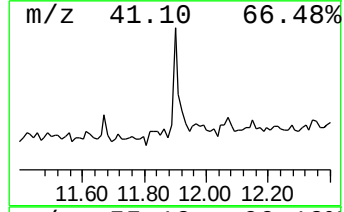
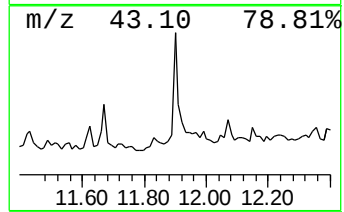
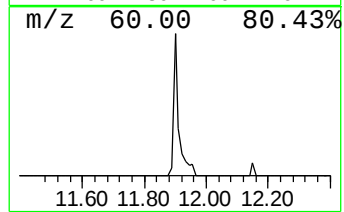
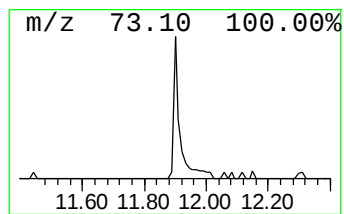
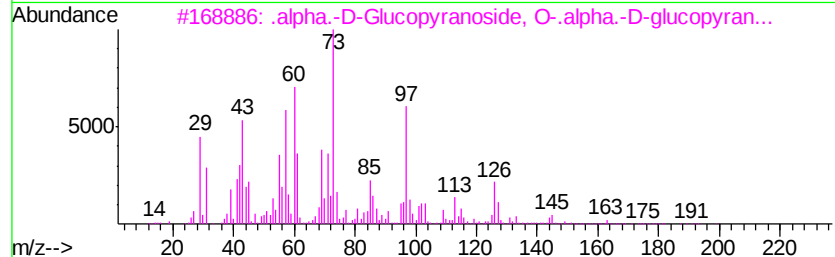
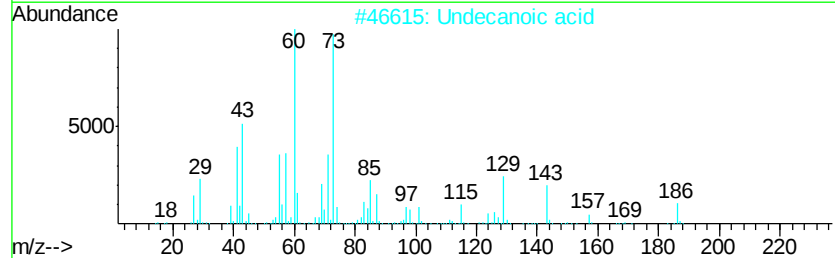
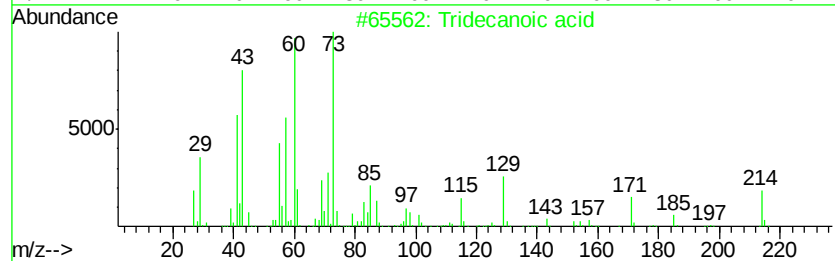
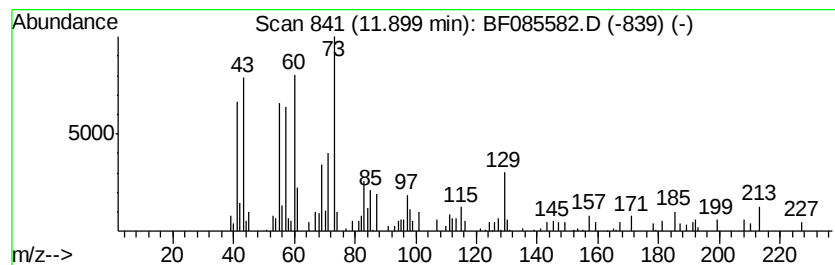
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.03 ng	99091	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	72
2		Undecanoic acid	186	C11H22O2	000112-37-8	72
3		.alpha.-D-Glucopyranoside, O-.al...	504	C18H32O16	000597-12-6	14
4		Pentadecane	212	C15H32	000629-62-9	10
5		Decane, 2-methyl-	156	C11H24	006975-98-0	10



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Sample : H1788-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(9-10)

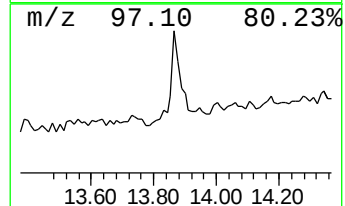
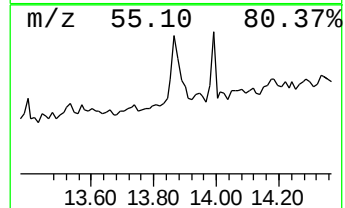
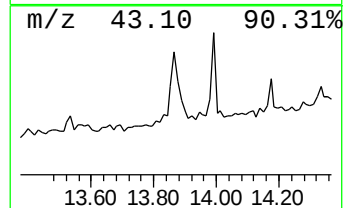
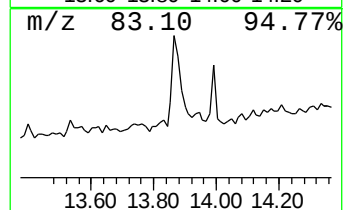
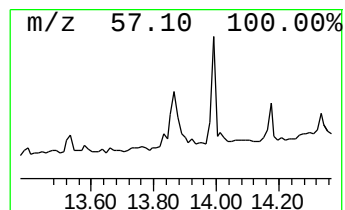
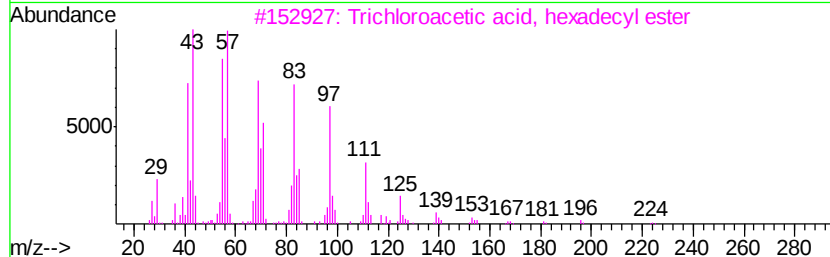
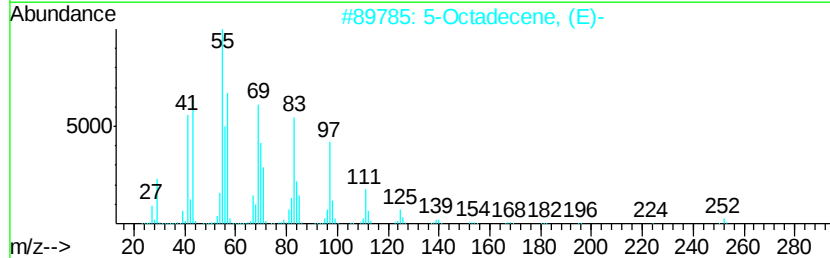
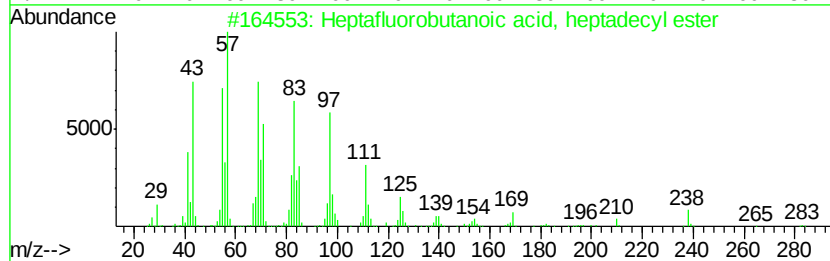
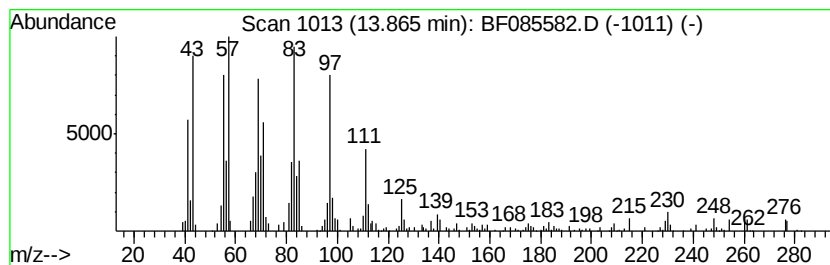
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptafluorobutanoic acid, h... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.83 ng	118692	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	89
5		Cyclohexadecane	224	C16H32	000295-65-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085582.D
Acq On : 19 Mar 2016 19:32
Operator : UM/SJ
Sample : H1788-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(9-10)

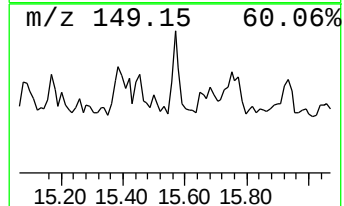
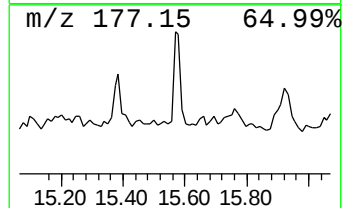
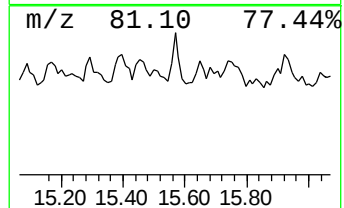
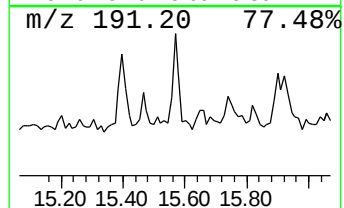
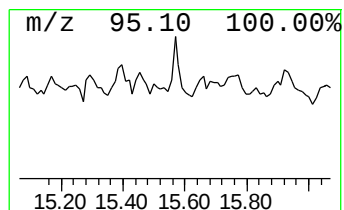
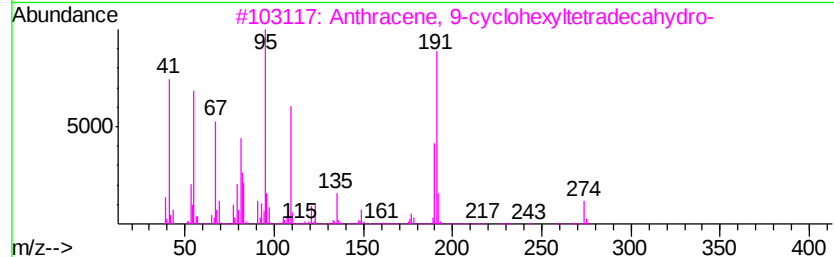
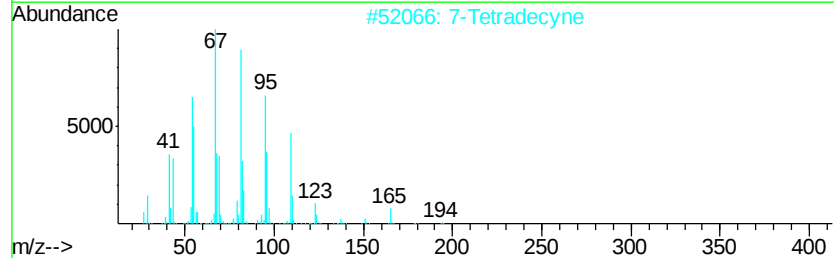
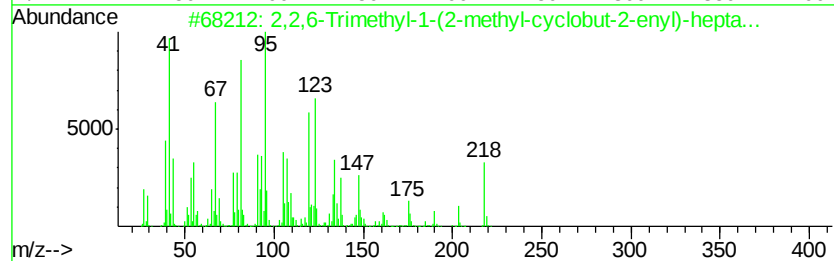
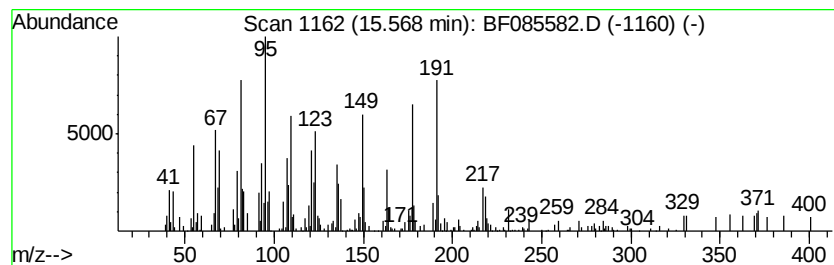
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,2,6-Trimethyl-1-(2-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.50 ng	124218	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	62
2		7-Tetradecyne	194	C14H26	035216-11-6	45
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
4		9-Phenanthrenemethyl naphthalene...	376	C27H20O2	093091-04-4	25
5		Spiro[4.5]dec-6-en-8-one, 1,7-di...	220	C15H24O	039510-36-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085582.D
Acq On : 19 Mar 2016 19:32
Operator : UM/SJ
Sample : H1788-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

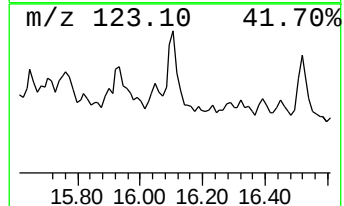
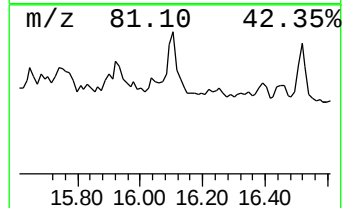
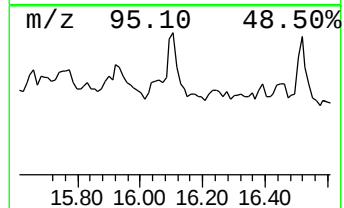
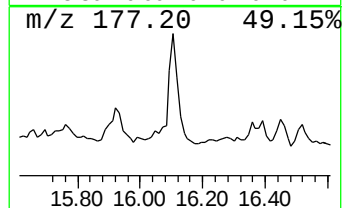
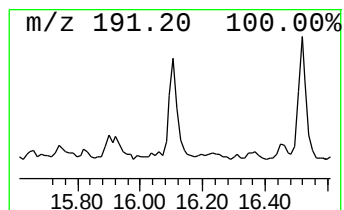
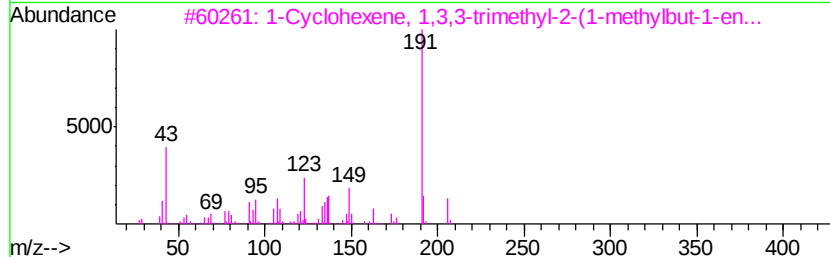
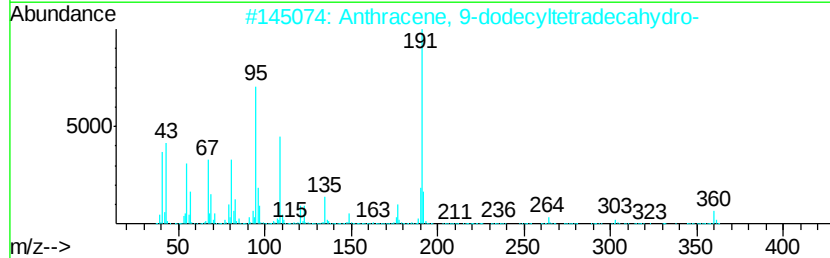
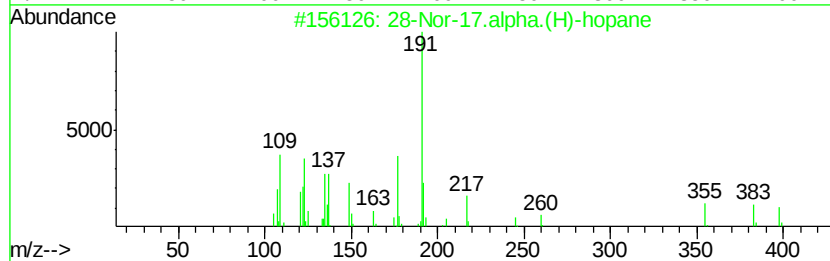
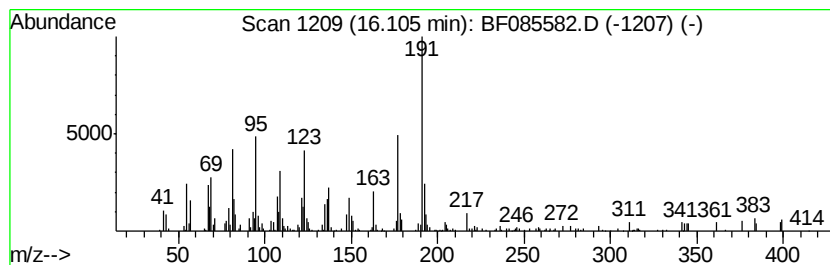
Instrument :
BNA_F
ClientSampleId :
SB-5(9-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 28-Nor-17.alpha.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	5.55 ng	197294	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.alpha.(H)-hopane	398 C29H50	053584-60-4	64
2	Anthracene, 9-dodecyltetradecahy...	360 C26H48	055401-75-7	37
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	35
4	.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2	32
5	Phenol, 2,5-bis(1,1-dimethylethyl)-	206 C14H22O	005875-45-6	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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Operator : UM/SJ
Sample : H1788-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(9-10)

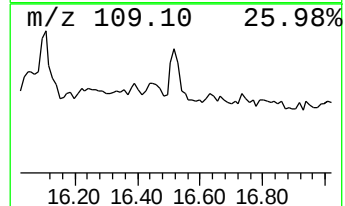
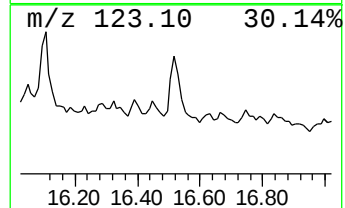
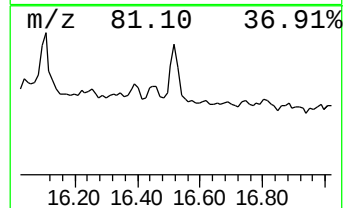
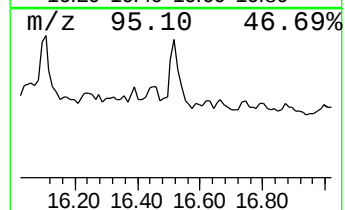
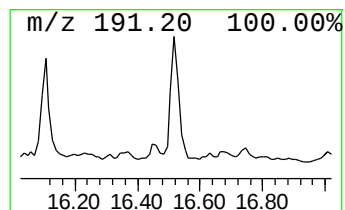
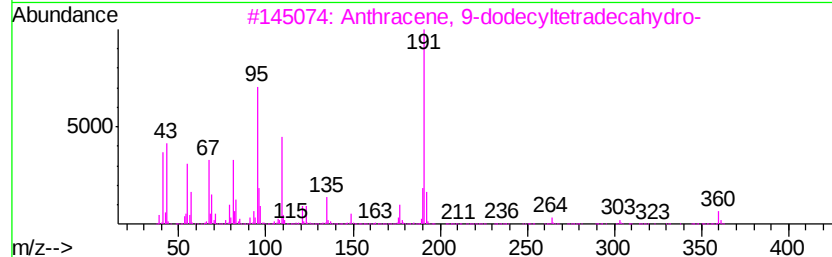
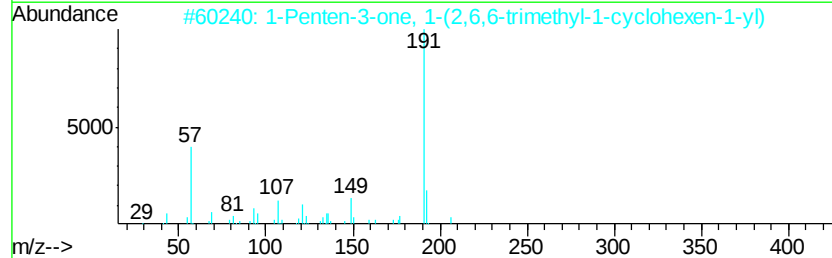
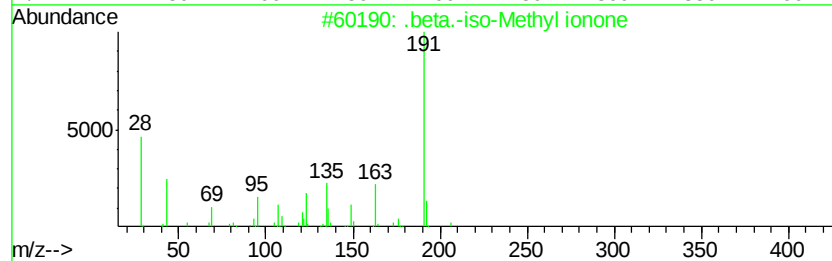
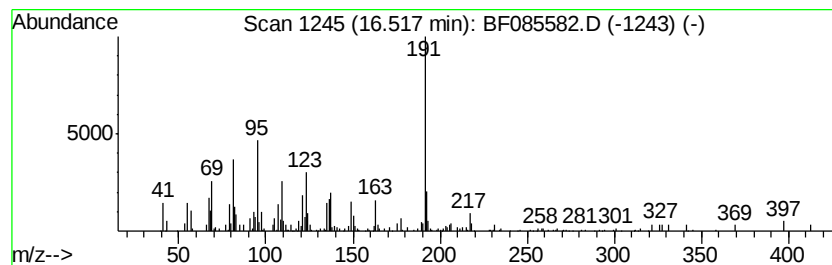
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 .beta.-iso-Methyl ionone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	4.53 ng	160951	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	68
2			1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
3			Anthracene, 9-dodecyltetradeca...	360	C26H48	055401-75-7	42
4			1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	40
5			Cyclopropene-3-carboxamide, 1,2-...	341	C23H19N2O2	1000264-18-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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Misc :
ALS Vial : 43 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.62	6.62	75.4	ng	2733290	1	6.85	725354	20.0
Tetradecane	10.32	2.8	ng	142659	3	9.89	1004970	20.0
Pentadecane, 2,6,...	10.54	2.1	ng	104933	3	9.89	1004970	20.0
Nonadecane	10.79	4.3	ng	209942	4	11.37	975965	20.0
Tridecanoic acid	11.90	2.0	ng	99091	4	11.37	975965	20.0
Heptafluorobutano...	13.87	2.8	ng	118692	5	14.00	837662	20.0
2,2,6-Trimethyl-1...	15.57	3.5	ng	124218	6	15.43	710501	20.0
28-Nor-17.alpha.(...	16.11	5.5	ng	197294	6	15.43	710501	20.0
.beta.-iso-Methyl...	16.52	4.5	ng	160951	6	15.43	710501	20.0