

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085063.D
 Acq On : 13 Feb 2016 2:38
 Operator : SJ/IZ
 Sample : H1396-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)

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-BF021316.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	1.656	5	6	10	rVB	155885	219844	4.74%	0.614%
2	1.724	10	12	51	rVB	1507957	4636267	100.00%	12.939%
3	3.701	182	185	198	rBV	129962	490752	10.59%	1.370%
4	4.147	221	224	254	rBV	290032	2595256	55.98%	7.243%
5	5.439	333	337	345	rBV	381398	1993406	43.00%	5.563%
6	5.564	345	348	374	rVV	987086	4619437	99.64%	12.892%
7	5.896	374	377	391	rVV	182000	1092854	23.57%	3.050%
8	6.090	391	394	433	rVB	673612	2648626	57.13%	7.392%
9	6.719	445	449	478	rBV	364282	2107874	45.46%	5.883%
10	7.793	539	543	565	rBV	240302	1186387	25.59%	3.311%
11	9.531	692	695	712	rBV	984296	2803246	60.46%	7.823%
12	10.216	752	755	771	rBV	125499	521734	11.25%	1.456%
13	10.582	784	787	806	rBV	497447	1429882	30.84%	3.990%
14	11.416	857	860	863	rBV	61747	122135	2.63%	0.341%
15	11.771	886	891	897	rBV	25108	73186	1.58%	0.204%
16	11.874	897	900	922	rVV	668920	2283566	49.25%	6.373%
17	12.182	925	927	932	rBV	77746	188011	4.06%	0.525%
18	12.925	989	992	995	rBV	40824	90378	1.95%	0.252%
19	12.994	995	998	1015	rVB	529040	1327275	28.63%	3.704%
20	13.520	1041	1044	1051	rBV3	27546	93589	2.02%	0.261%
21	15.451	1210	1213	1217	rBV	56748	81858	1.77%	0.228%
22	15.623	1225	1228	1239	rVB	1147922	1993923	43.01%	5.565%
23	16.583	1310	1312	1314	rBV	51588	59075	1.27%	0.165%
24	16.811	1329	1332	1337	rBV	58393	82196	1.77%	0.229%
25	17.097	1354	1357	1361	rBV	148389	295737	6.38%	0.825%
26	17.166	1361	1363	1370	rVV	682768	1161481	25.05%	3.241%
27	17.520	1390	1394	1401	rVV4	27713	93194	2.01%	0.260%
28	17.909	1424	1428	1431	rBV2	110404	258026	5.57%	0.720%
29	17.954	1431	1432	1435	rVB	44611	50155	1.08%	0.140%
30	18.583	1483	1487	1490	rBV2	51234	129557	2.79%	0.362%
31	18.789	1503	1505	1513	rBV	435737	769748	16.60%	2.148%
32	19.326	1549	1552	1555	rVV3	22027	52420	1.13%	0.146%
33	20.595	1657	1663	1666	rBV7	27701	119242	2.57%	0.333%
34	20.823	1679	1683	1687	rBV5	43268	111754	2.41%	0.312%

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B003(10-12)

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-BF021316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.263	1806	1809	1814	rVB7	17244	50151	1.08%	0.140%
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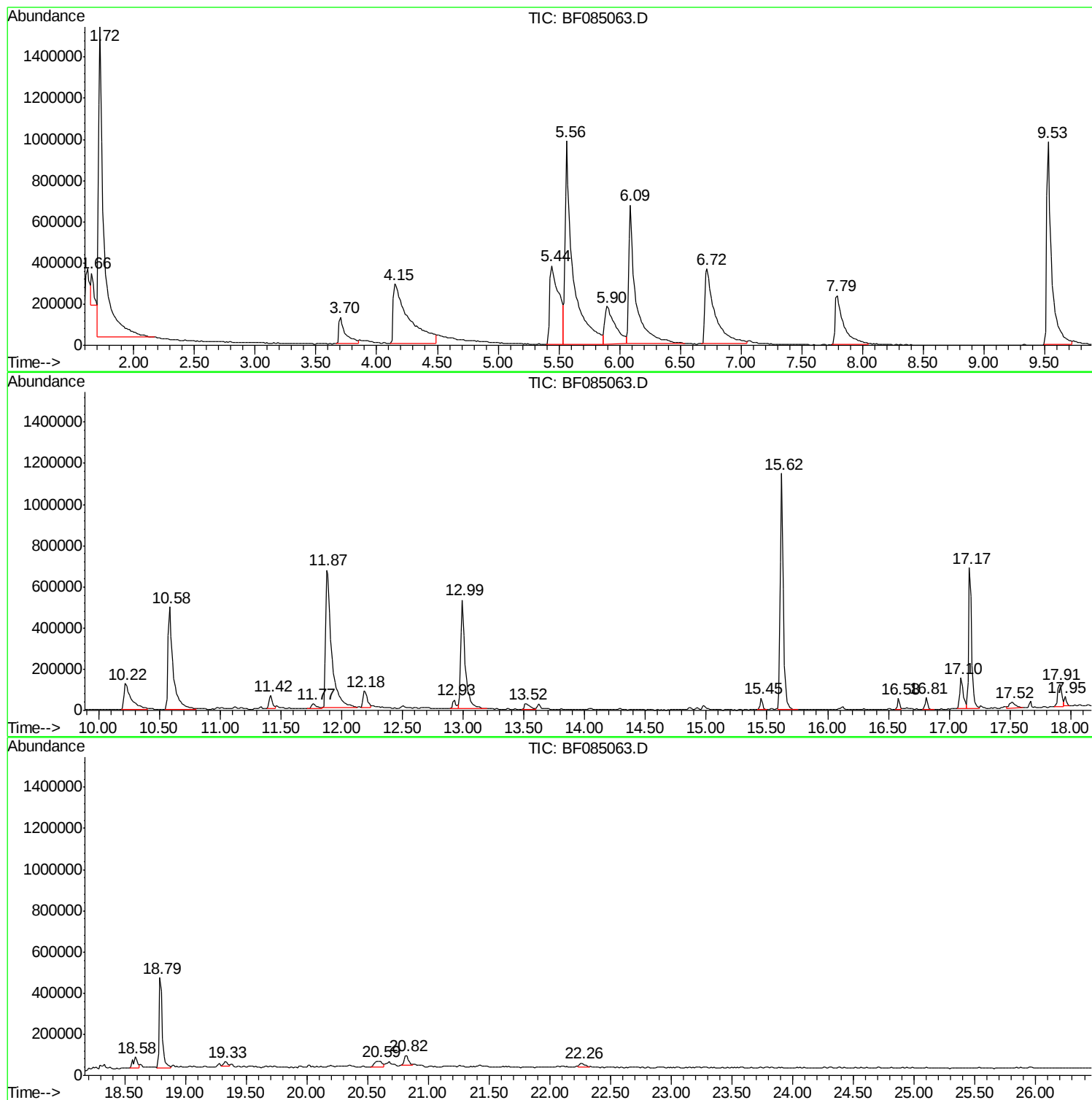
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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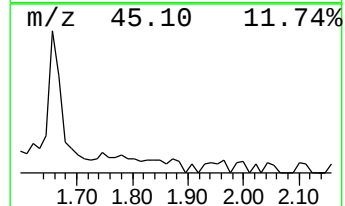
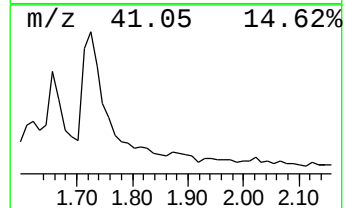
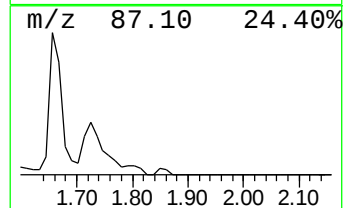
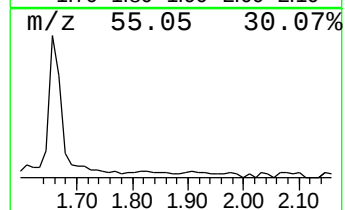
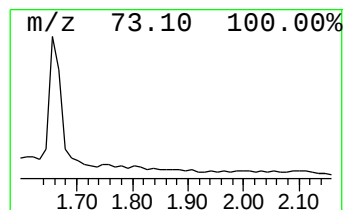
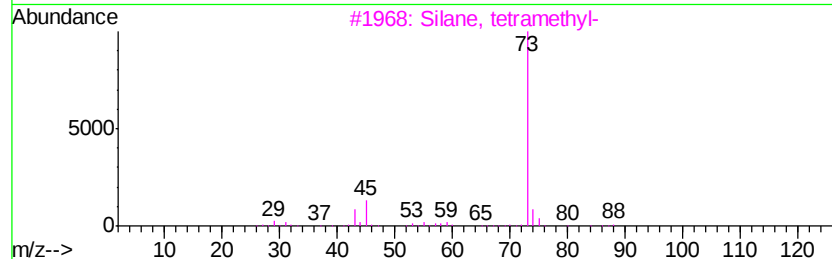
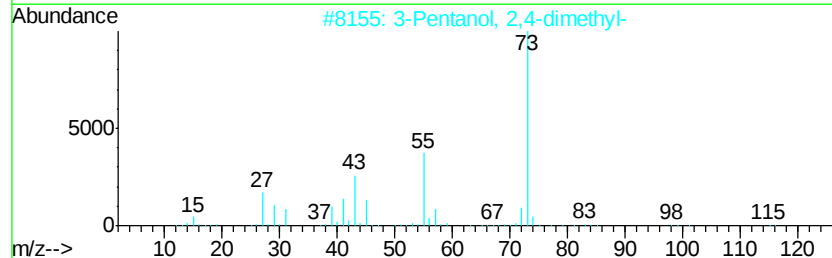
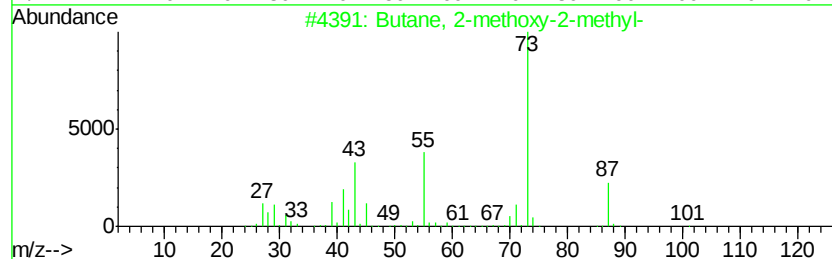
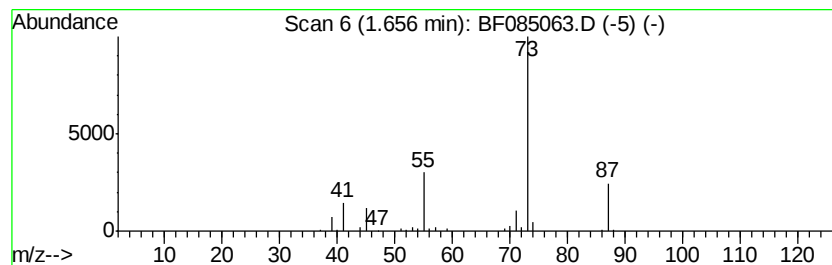
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	4.02 ng	219844	1,4-Dichlorobenzene-d4	5.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9



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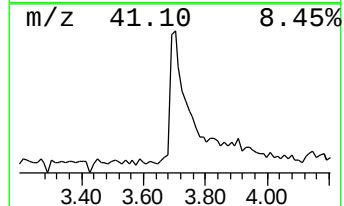
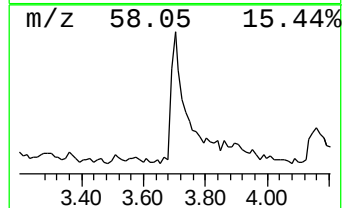
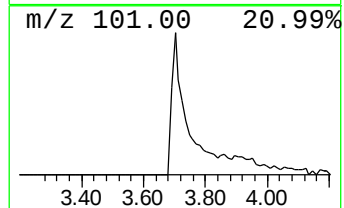
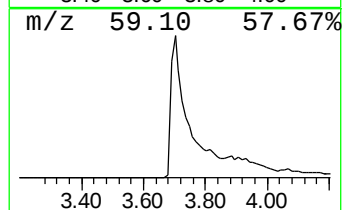
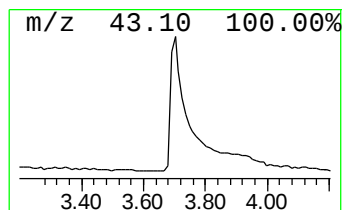
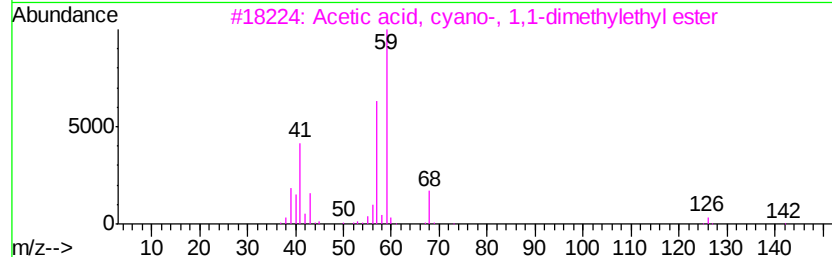
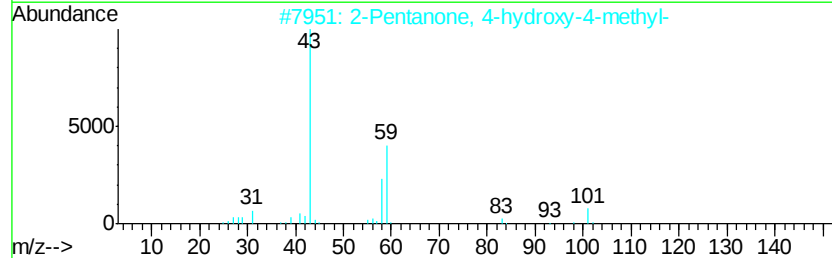
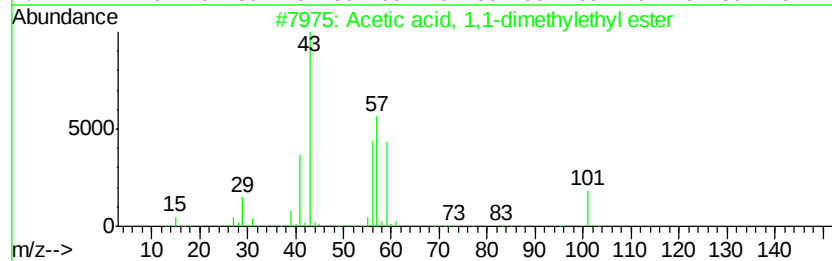
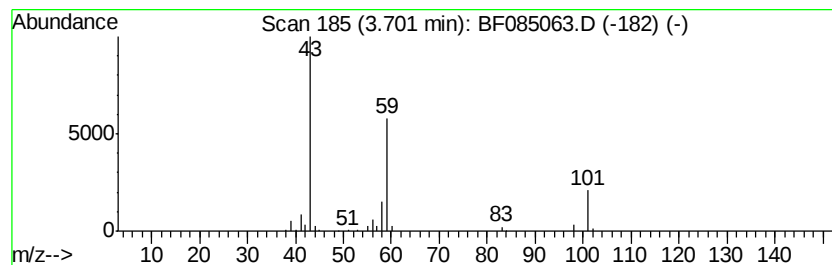
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown3.70 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	8.98 ng	490752	1,4-Dichlorobenzene-d4	5.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3			Acetic acid, cyano-, 1,1-dimethv...	141	C7H11NO2	001116-98-9	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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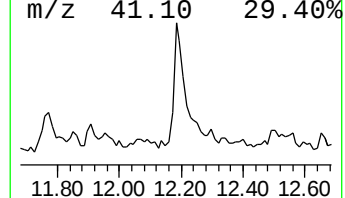
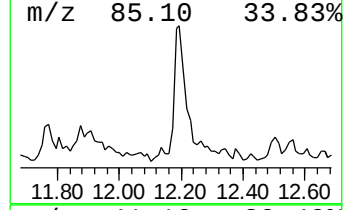
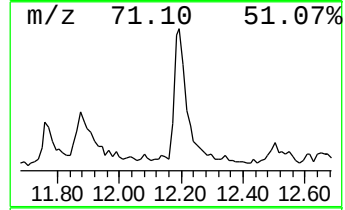
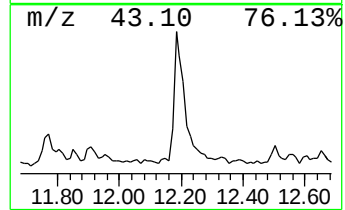
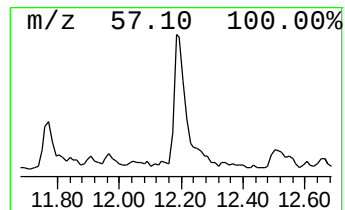
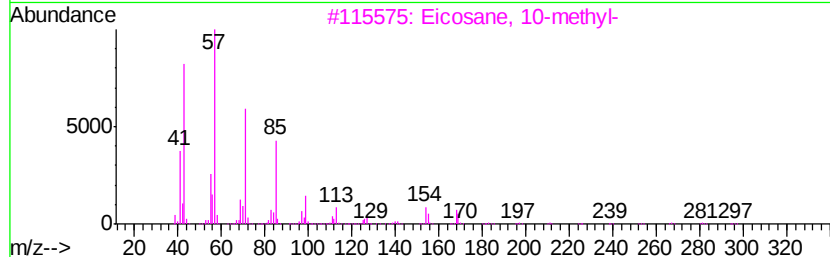
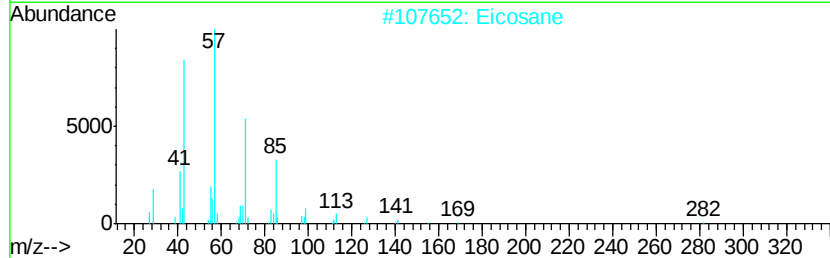
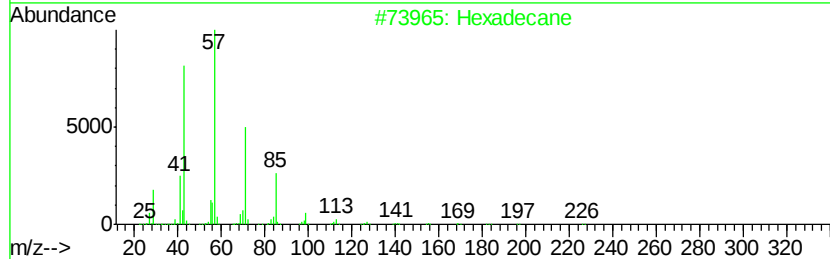
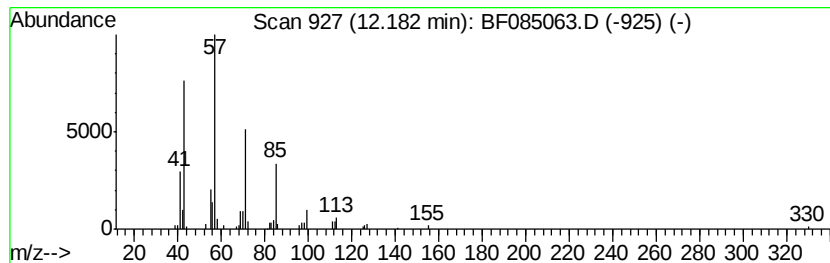
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.83 ng	188011	Phenanthrene-d10	12.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Eicosane	282	C20H42	000112-95-8	87
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4		Tetracosane	338	C24H50	000646-31-1	86
5		Pentadecane	212	C15H32	000629-62-9	86



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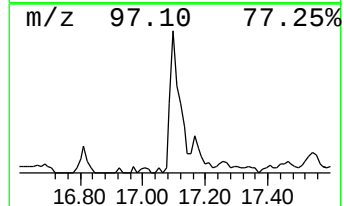
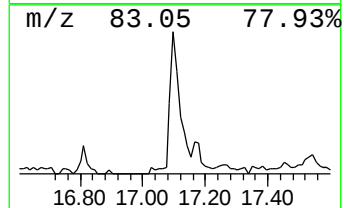
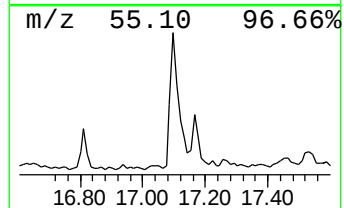
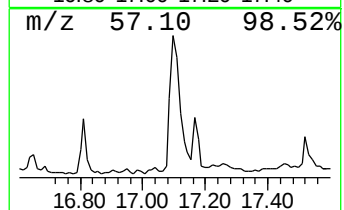
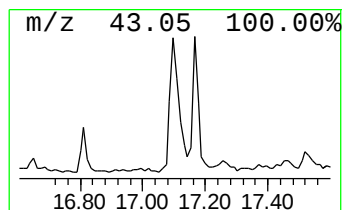
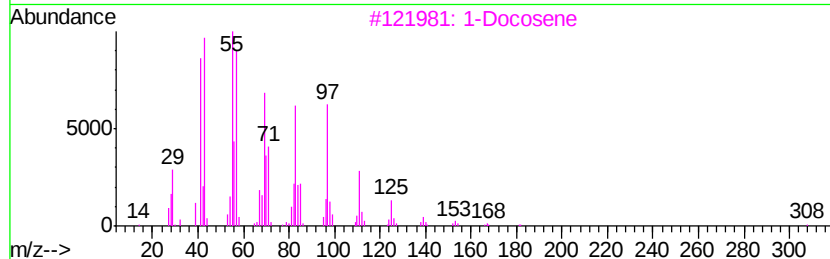
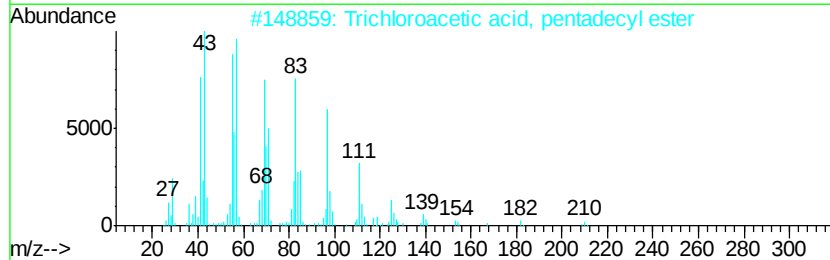
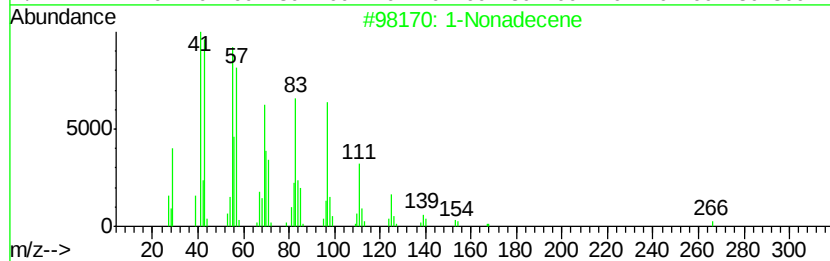
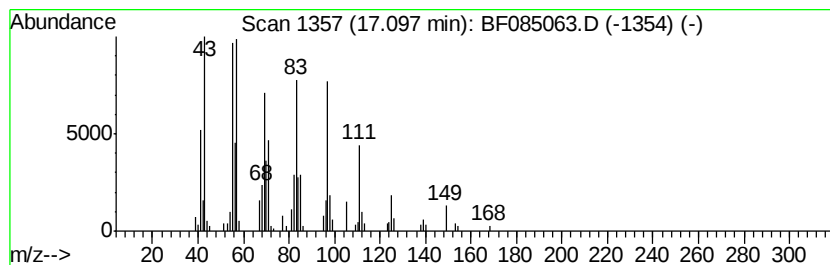
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.10	5.09 ng	295737	Chrysene-d12	17.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
3	1-Docosene	308	C22H44	001599-67-3	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	76



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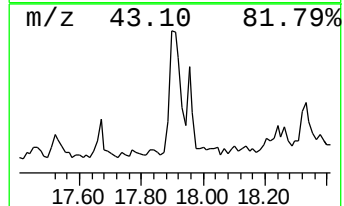
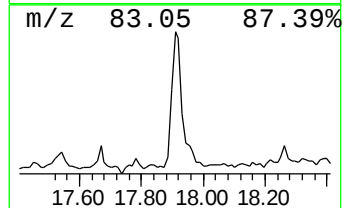
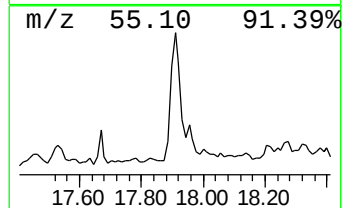
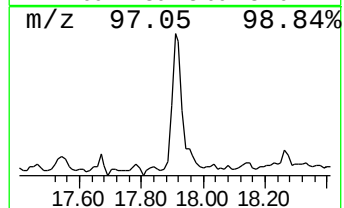
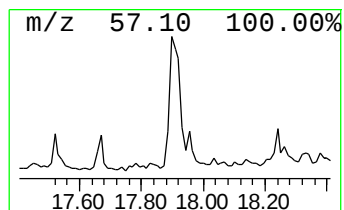
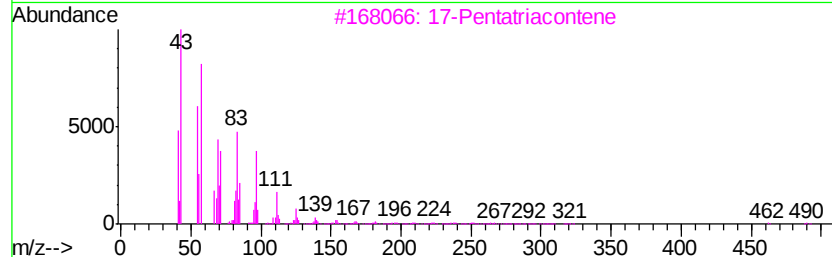
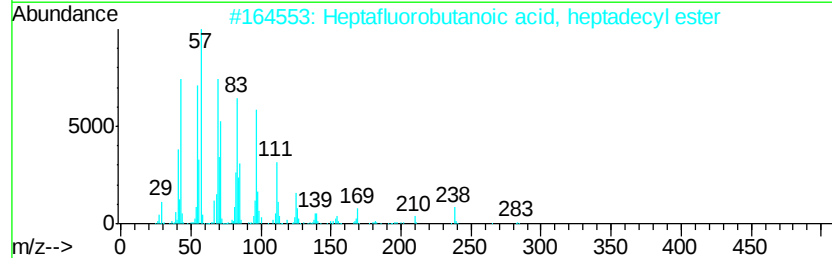
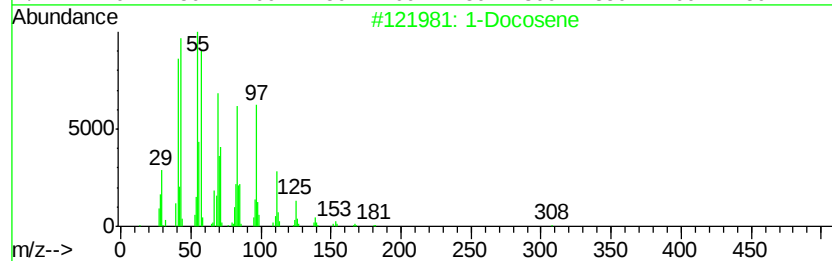
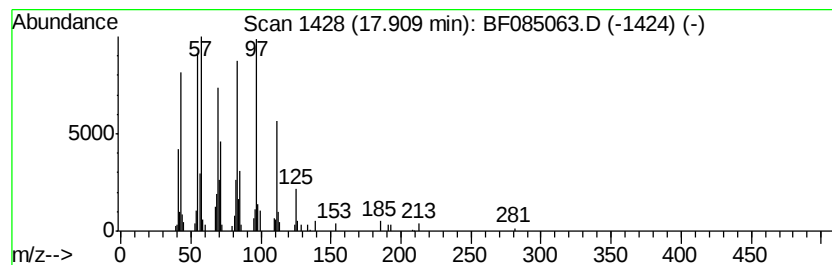
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	4.44 ng	258026	Chrysene-d12	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	68
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	62
3		17-Pentatriacontene	491	C35H70	006971-40-0	58
4		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	52
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	38



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BNA_F
ClientSampleId :
S4-B003(10-12)

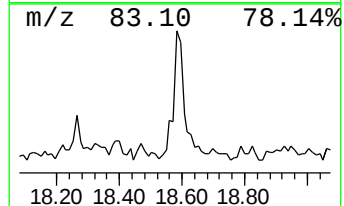
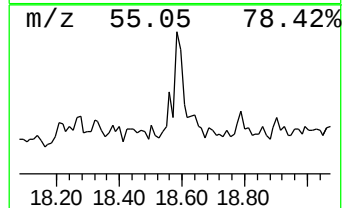
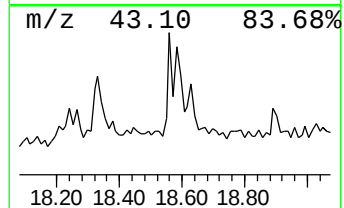
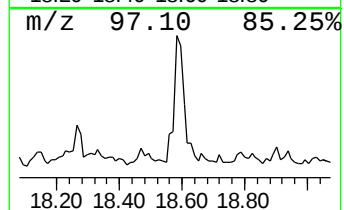
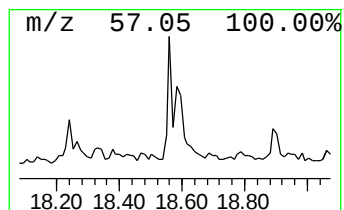
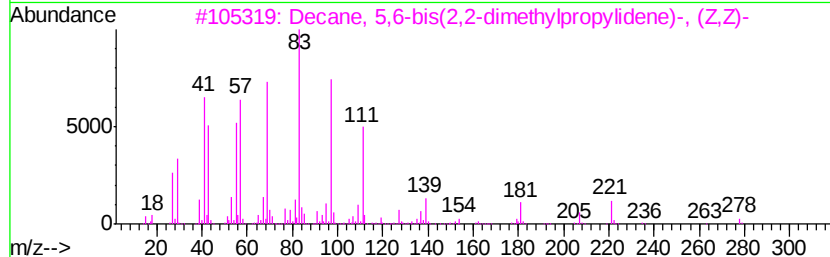
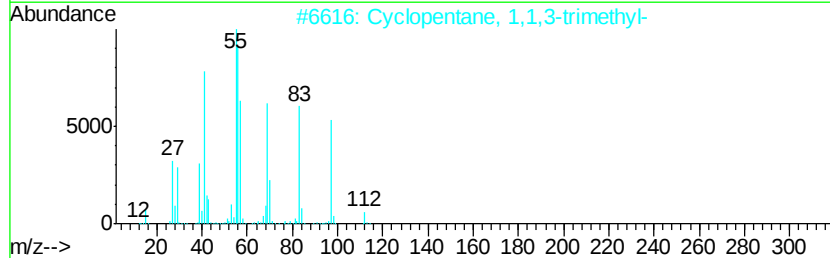
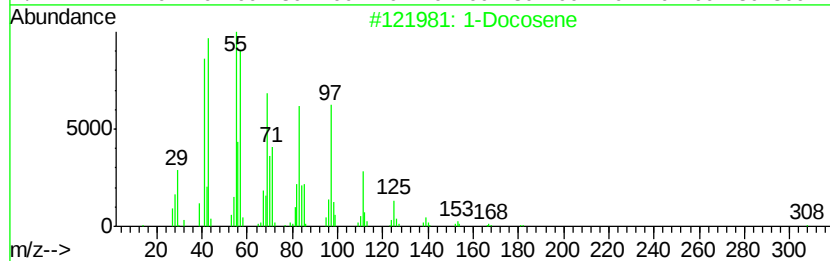
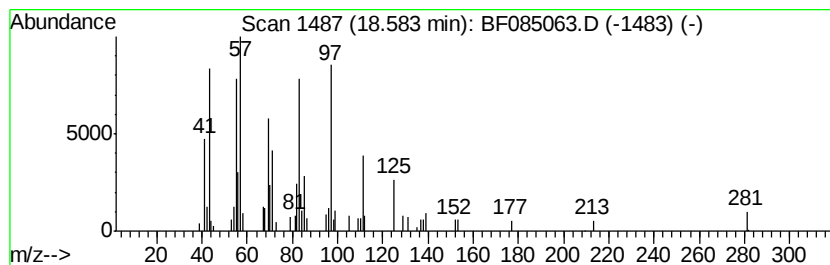
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown18.58 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	3.37 ng	129557	Perylene-d12	18.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	86
2		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	45
3		Decane, 5,6-bis(2,2-dimethylpropyl)-	278	C20H38	073002-85-4	38
4		1,7-Dimethyl-4-(1-methylethyl)cyclopentane	210	C15H30	000645-10-3	35
5		1-Hentetracontanol	593	C41H84O	040710-42-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085063.D
Acq On : 13 Feb 2016 2:38
Operator : SJ/IZ
Sample : H1396-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)

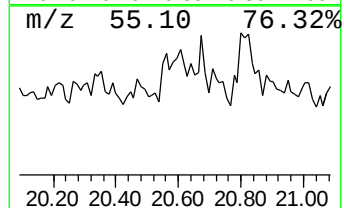
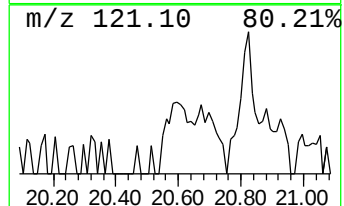
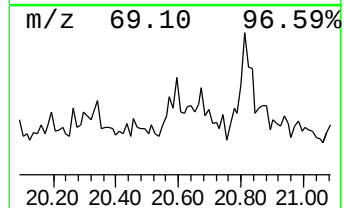
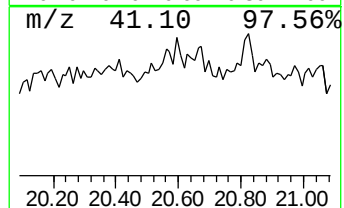
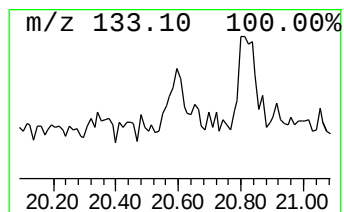
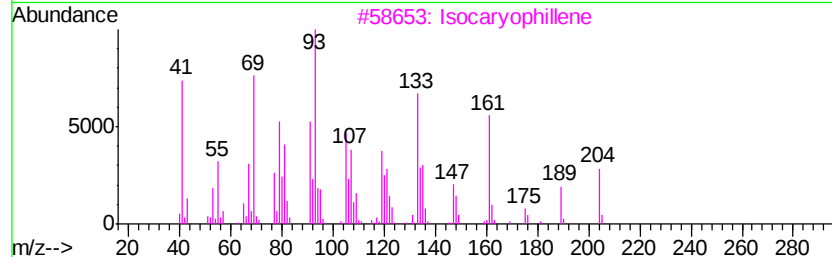
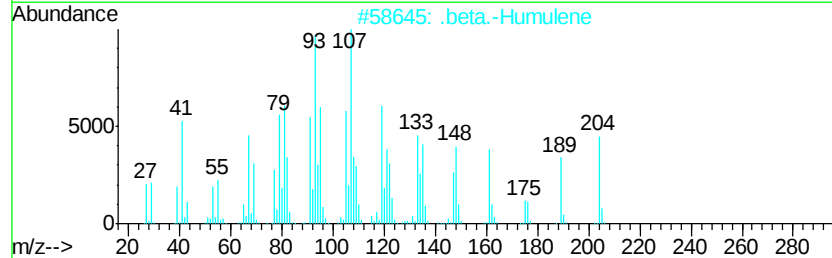
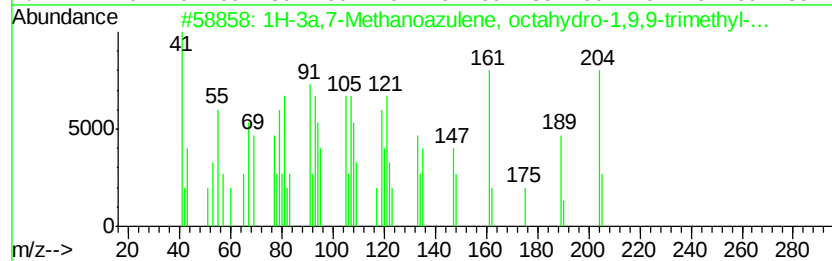
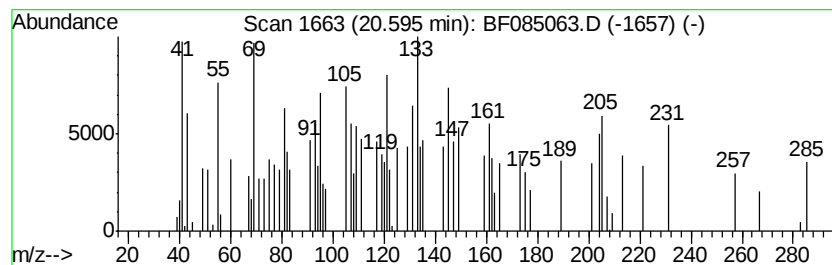
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown20.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	3.10 ng	119242	Perylene-d12	18.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	25
2			.beta.-Humulene	204	C15H24	000116-04-1	25
3			Isocaryophyllene	204	C15H24	1000140-07-2	15
4			1H-Cycloprop[elazulene, decahydr...	204	C15H24	000489-39-4	15
5			1,4-Methanoazulene, decahydro-4,...	204	C15H24	000475-20-7	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085063.D
Acq On : 13 Feb 2016 2:38
Operator : SJ/IZ
Sample : H1396-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)

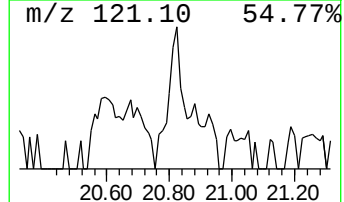
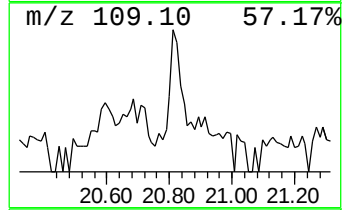
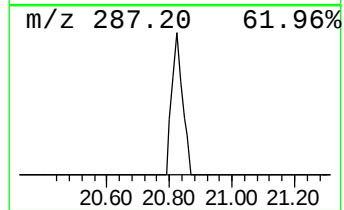
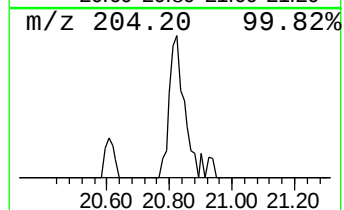
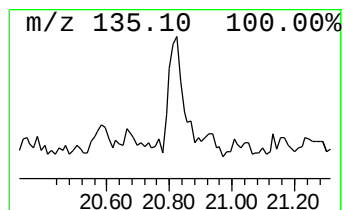
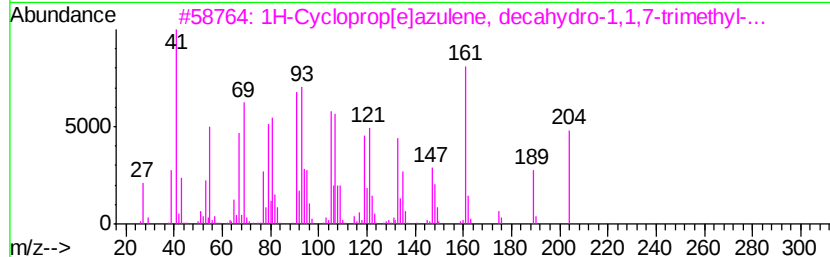
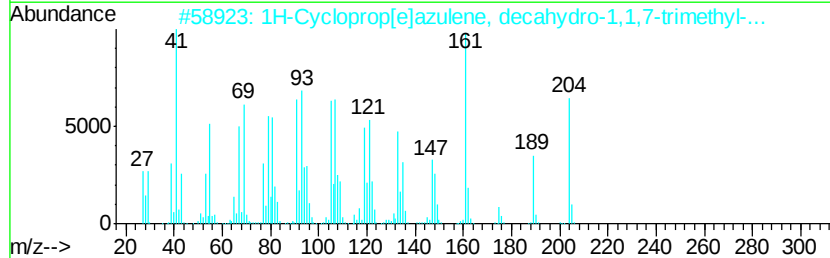
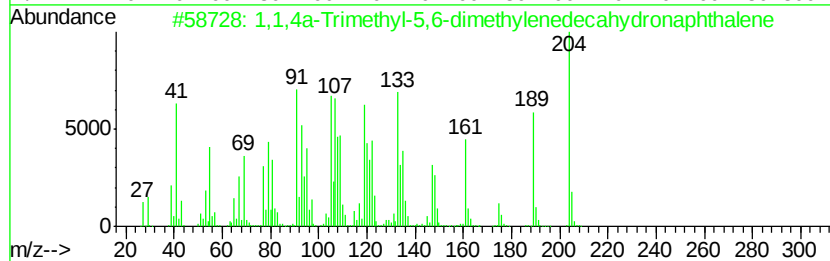
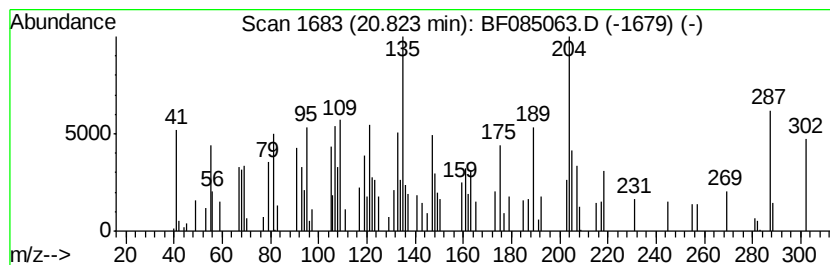
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.90 ng	111754	Perylene-d12	18.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	86
2		1H-Cycloprop[elazulene, decahydr...	204	C15H24	000489-39-4	64
3		1H-Cycloprop[elazulene, decahydr...	204	C15H24	072747-25-2	64
4		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	64
5		1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085063.D
Acq On : 13 Feb 2016 2:38
Operator : SJ/IZ
Sample : H1396-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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
Butane, 2-methoxy...	1.66	4.0	ng	219844	1	5.91	1092850	20.0
unknown3.70	3.70	9.0	ng	490752	1	5.91	1092850	20.0
Hexadecane	12.18	2.8	ng	188011	4	12.99	1327280	20.0
1-Nonadecene	17.10	5.1	ng	295737	5	17.17	1161480	20.0
1-Docosene	17.91	4.4	ng	258026	5	17.17	1161480	20.0
unknown18.58	18.58	3.4	ng	129557	6	18.79	769748	20.0
unknown20.59	20.59	3.1	ng	119242	6	18.79	769748	20.0
1,1,4a-Trimethyl-...	20.82	2.9	ng	111754	6	18.79	769748	20.0