

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085170.D
 Acq On : 3 Mar 2016 21:43
 Operator : SJ/UM
 Sample : H1663-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41(18-20)

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-BF030316.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	4.641	200	206	208	rBV6	221433	961297	28.66%	2.542%
2	4.710	208	212	214	rVV5	103031	394381	11.76%	1.043%
3	4.756	214	216	218	rVV3	51586	118182	3.52%	0.313%
4	4.973	234	235	238	rBV3	83236	107662	3.21%	0.285%
5	5.076	242	244	245	rBV2	75162	113657	3.39%	0.301%
6	5.167	250	252	256	rVB	456869	544070	16.22%	1.439%
7	5.281	260	262	267	rBV6	88094	311776	9.29%	0.824%
8	5.373	267	270	271	rBV3	59651	110654	3.30%	0.293%
9	5.407	271	273	274	rBV2	38224	57272	1.71%	0.151%
10	5.579	285	288	290	rBV	2652751	2658425	79.25%	7.030%
11	5.910	312	317	318	rBV5	53196	154957	4.62%	0.410%
12	6.013	323	326	328	rBV4	61541	138172	4.12%	0.365%
13	6.596	374	377	379	rVB	2818292	2855533	85.12%	7.551%
14	6.744	387	390	392	rVB	2786620	2844379	84.79%	7.522%
15	6.973	409	410	413	rVB	925450	855403	25.50%	2.262%
16	7.099	419	421	422	rBV2	71285	117786	3.51%	0.311%
17	7.133	422	424	426	rVV	2404364	2059882	61.40%	5.447%
18	7.167	426	427	430	rVB3	40437	44123	1.32%	0.117%
19	7.350	440	443	444	rBV3	60424	127682	3.81%	0.338%
20	7.533	457	459	462	rBV	1642532	1664923	49.63%	4.403%
21	8.162	511	514	515	rBV3	105309	212443	6.33%	0.562%
22	8.265	521	523	525	rBV	1356647	1309354	39.03%	3.462%
23	9.053	588	592	594	rBV5	66729	233585	6.96%	0.618%
24	9.339	614	617	619	rBV	3672532	3354585	100.00%	8.871%
25	9.510	630	632	634	rBV3	46948	99105	2.95%	0.262%
26	9.613	639	641	643	rVV	103739	142160	4.24%	0.376%
27	9.728	649	651	653	rBV	643031	526177	15.69%	1.391%
28	9.945	668	670	674	rBV	96688	111918	3.34%	0.296%
29	10.013	674	676	678	rBV2	1260166	1307428	38.97%	3.457%
30	10.448	712	714	716	rBV	129224	135685	4.04%	0.359%
31	10.802	742	745	747	rVB	2032625	1869423	55.73%	4.943%
32	10.916	753	755	758	rVB	225279	300257	8.95%	0.794%
33	10.973	758	760	765	rBV6	78453	206731	6.16%	0.547%
34	11.111	770	772	777	rVB6	102034	310343	9.25%	0.821%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085170.D
 Acq On : 3 Mar 2016 21:43
 Operator : SJ/UM
 Sample : H1663-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41(18-20)

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-BF030316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.294	787	788	790	rBV2	102738	191898	5.72%	0.507%
36	11.499	804	806	808	rBV	1616765	1383758	41.25%	3.659%
37	11.716	824	825	828	rBV3	170444	357704	10.66%	0.946%
38	11.888	838	840	842	rVB3	74267	77676	2.32%	0.205%
39	12.025	850	852	856	rVB5	90595	194540	5.80%	0.514%
40	12.425	885	887	892	rVB6	100602	245632	7.32%	0.650%
41	12.539	893	897	900	rBV	388082	872916	26.02%	2.308%
42	13.019	937	939	940	rBV2	74861	96593	2.88%	0.255%
43	13.088	942	945	947	rBV	2944724	3057113	91.13%	8.084%
44	13.568	984	987	988	rVB3	140944	197801	5.90%	0.523%
45	13.591	988	989	992	rBV3	161997	405889	12.10%	1.073%
46	14.140	1034	1037	1038	rBV	1108864	1248151	37.21%	3.301%
47	14.174	1038	1040	1041	rVB2	49003	59848	1.78%	0.158%
48	14.460	1063	1065	1068	rBV4	76732	154824	4.62%	0.409%
49	14.894	1101	1103	1105	rBV3	63839	99252	2.96%	0.262%
50	14.985	1109	1111	1114	rBV	82439	201965	6.02%	0.534%
51	15.111	1120	1122	1123	rVB2	70277	68022	2.03%	0.180%
52	15.134	1123	1124	1126	rVB2	102629	121927	3.63%	0.322%
53	15.191	1126	1129	1131	rBV4	180778	350735	10.46%	0.927%
54	15.534	1156	1159	1163	rVB6	142457	411090	12.25%	1.087%
55	15.602	1163	1165	1168	rVB	577074	761842	22.71%	2.015%
56	16.803	1268	1270	1271	rBV2	62854	103152	3.07%	0.273%
57	17.054	1290	1292	1294	rBV3	72617	173380	5.17%	0.458%
58	18.014	1375	1376	1378	rBV2	68113	129385	3.86%	0.342%
59	18.277	1397	1399	1400	rBV2	66640	90067	2.68%	0.238%
60	18.437	1411	1413	1417	rBV5	65556	122252	3.64%	0.323%
61	18.643	1429	1431	1434	rBV4	94315	173324	5.17%	0.458%
62	18.917	1453	1455	1456	rBV2	72341	106279	3.17%	0.281%

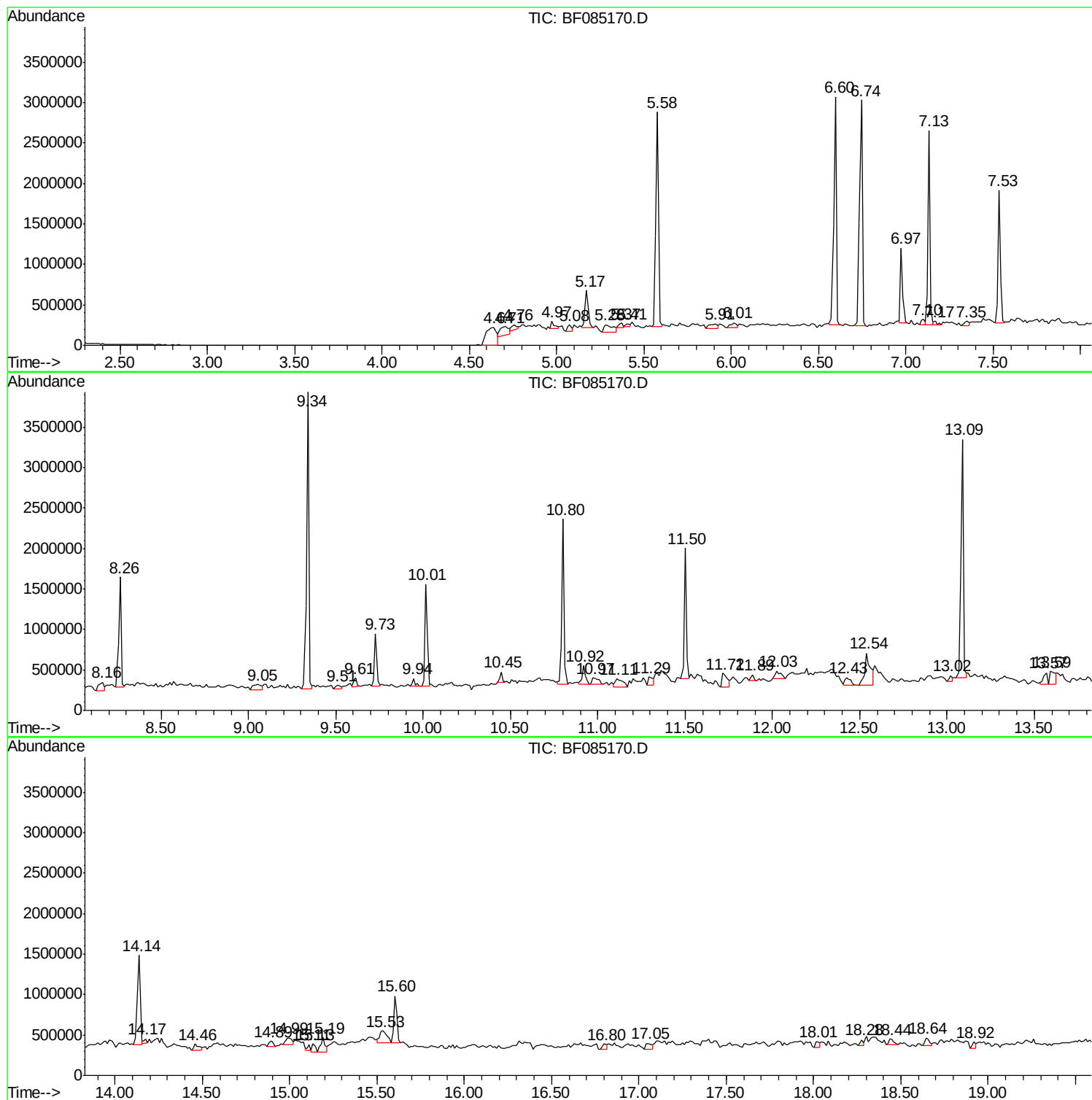
Sum of corrected areas: 37816425

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41(18-20)

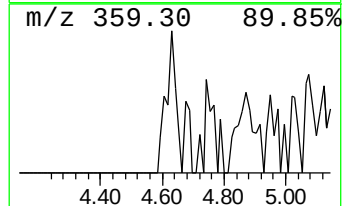
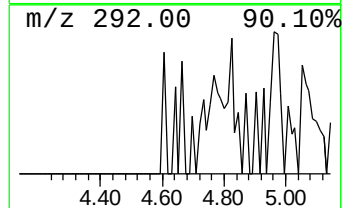
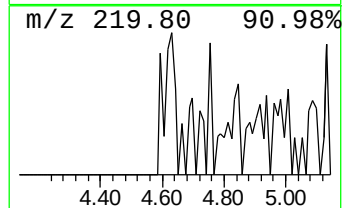
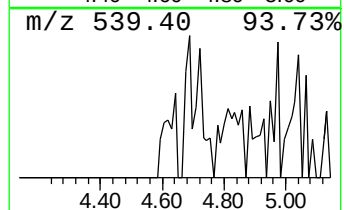
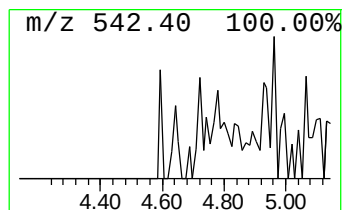
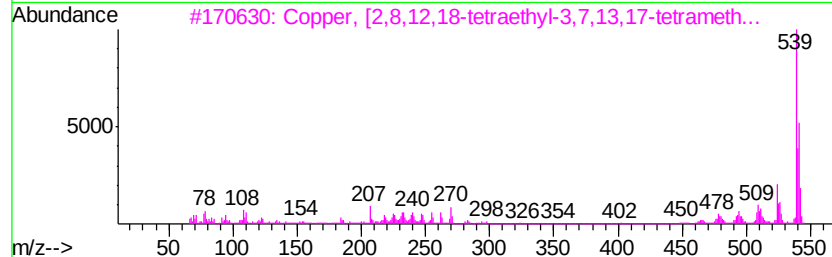
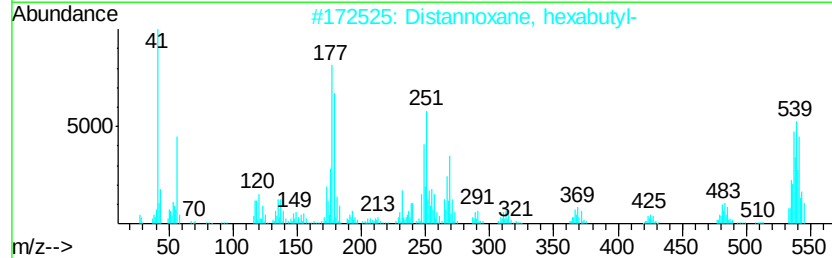
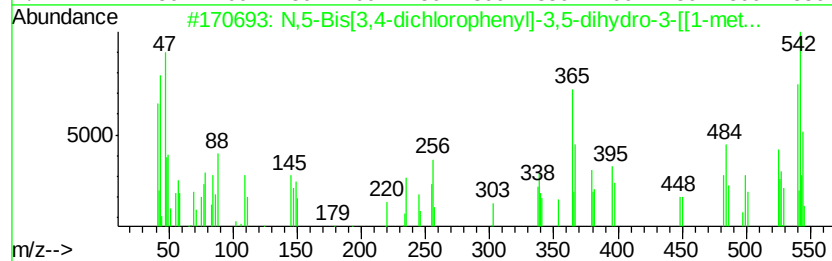
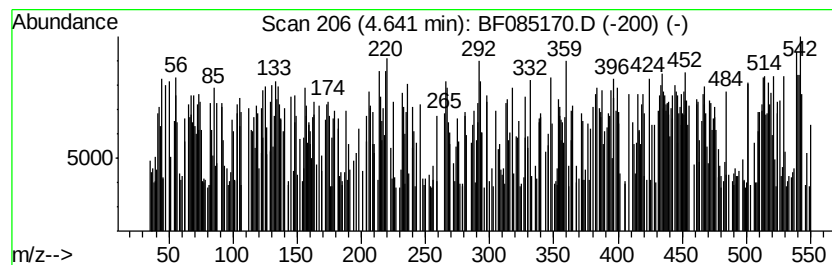
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.64 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	22.48 ng	961297	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,5-Bis[3,4-dichlorophenyl]-3,5-...	540	C27H20Cl4N4	333399-40-9	35
2		Distannoxane, hexabutyl-	598	C24H54OSn2	000056-35-9	10
3		Copper, [2,8,12,18-tetraethyl-3,...	539	C32H36CuN4	014055-18-6	10
4		Cholest-3-eno[3,4-b]quinoxaline,...	540	C33H46Cl2N2	1000210-84-3	9
5		Cobalt, tris(pentamethylcyclopen...	523	C30H45Co2	1000160-21-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41(18-20)

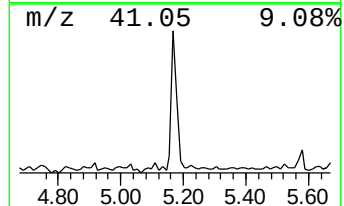
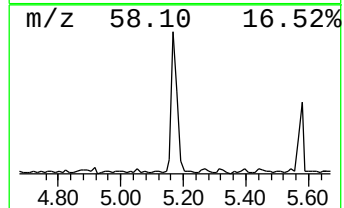
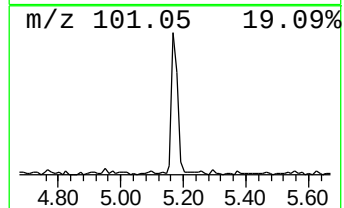
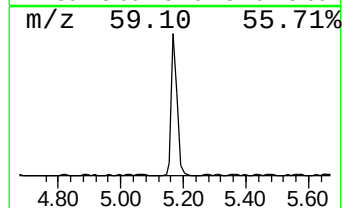
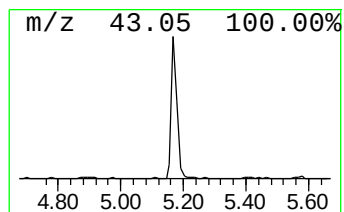
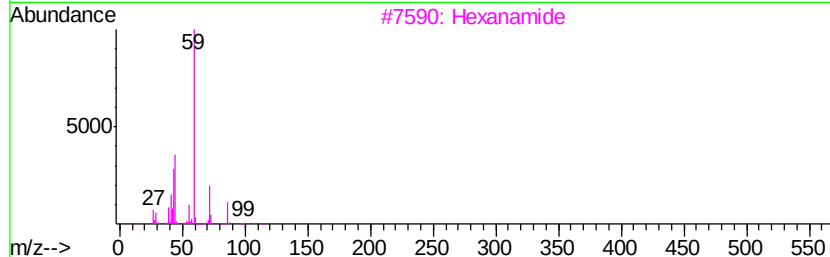
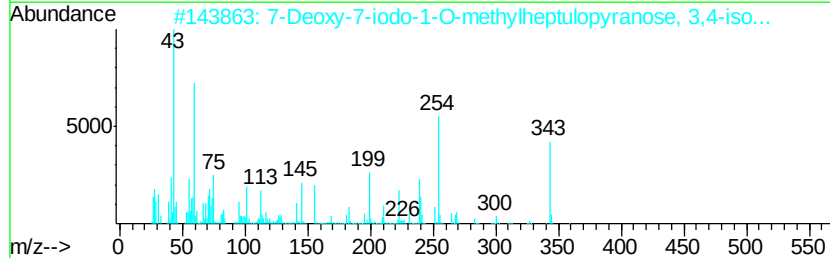
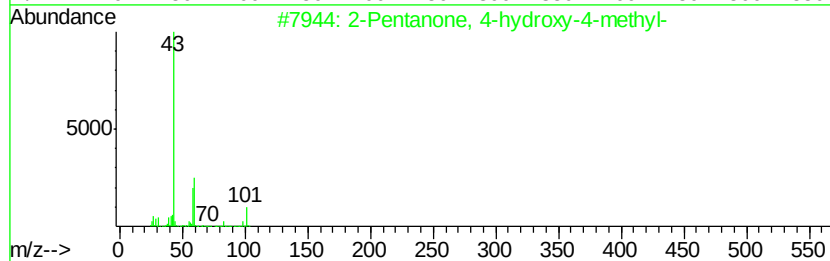
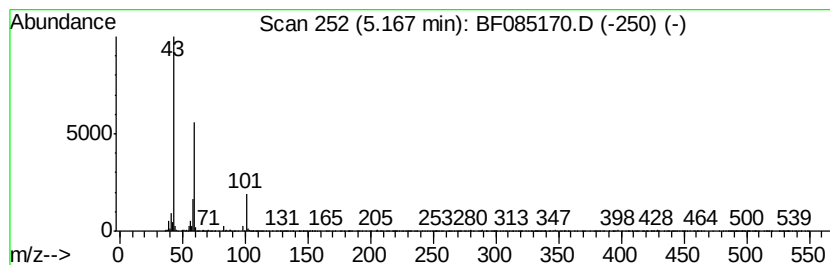
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	12.72 ng	544070	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		7-Deoxy-7-iodo-1-O-methylheptulo...	358	C11H19IO5	1000196-08-5	45
3		Hexanamide	115	C6H13NO	000628-02-4	32
4		2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	23
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41(18-20)

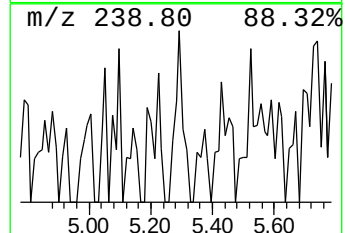
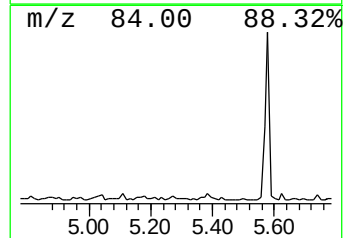
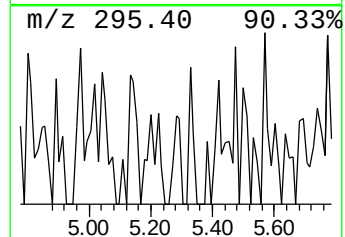
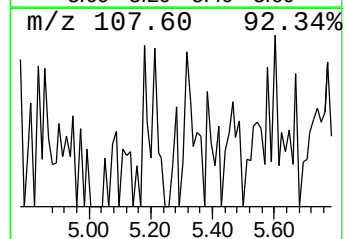
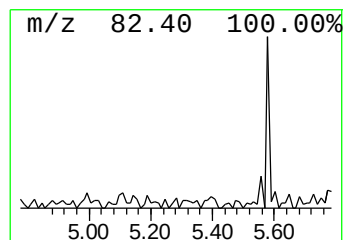
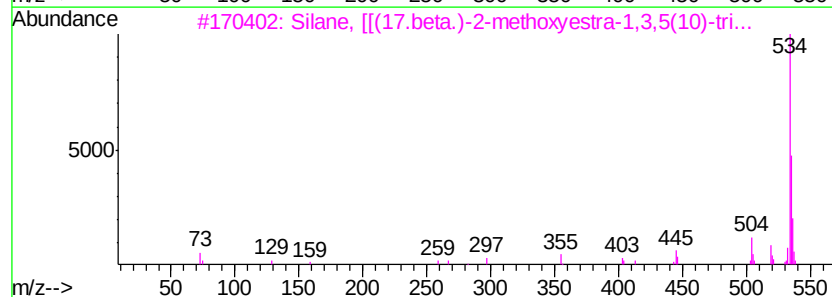
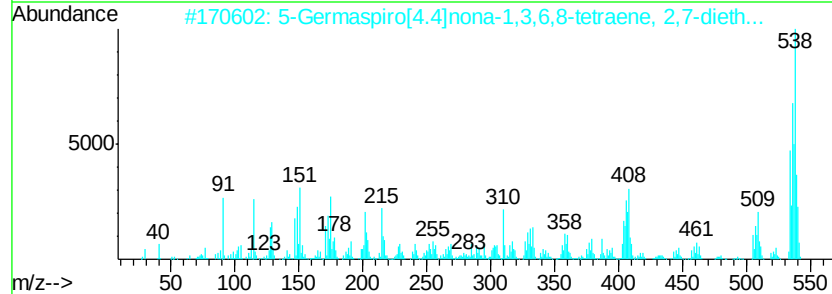
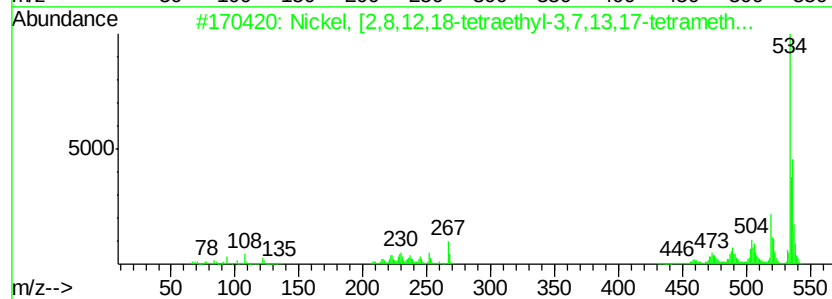
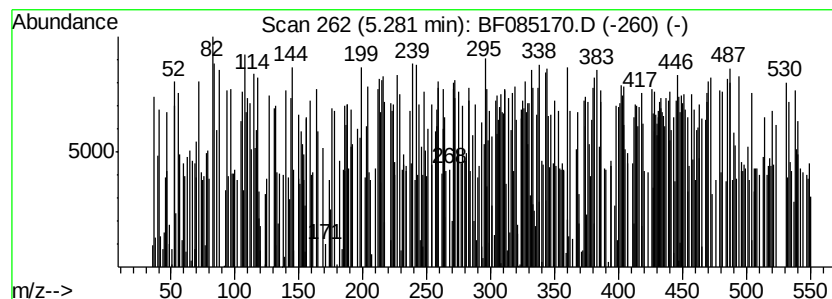
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.28 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	7.29 ng	311776	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Nickel, [2,8,12,18-tetraethyl-3,...	534	C32H36N4Ni	022925-21-9	20
2		5-Germaspiro[4.4]nona-1,3,6,8-te...	538	C36H32Ge	150479-95-1	9
3		Silane, [[(17.beta.)-2-methoxyes...	534	C28H50O4Si3	077882-92-9	4



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-41(18-20)

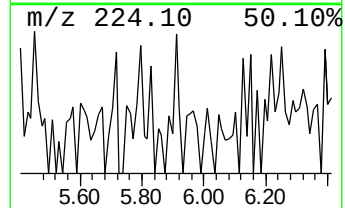
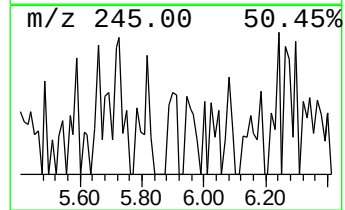
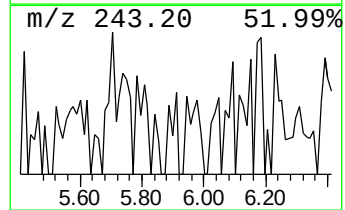
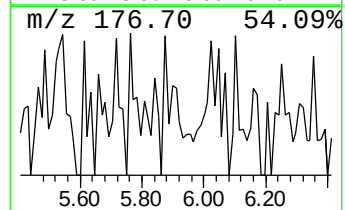
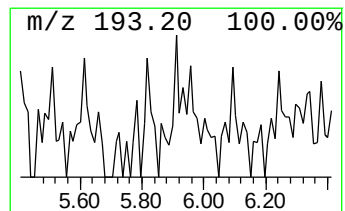
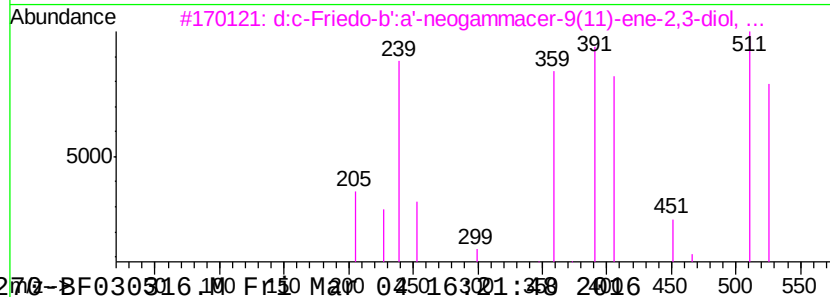
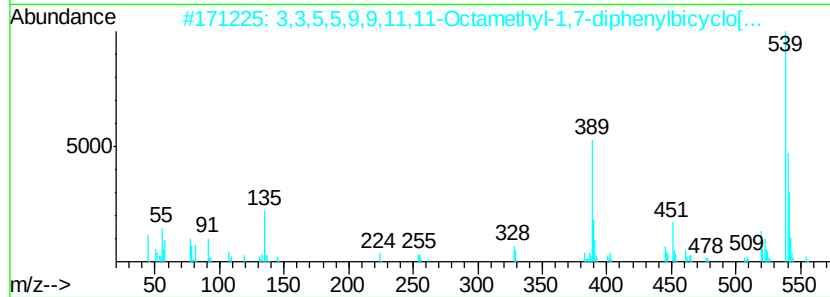
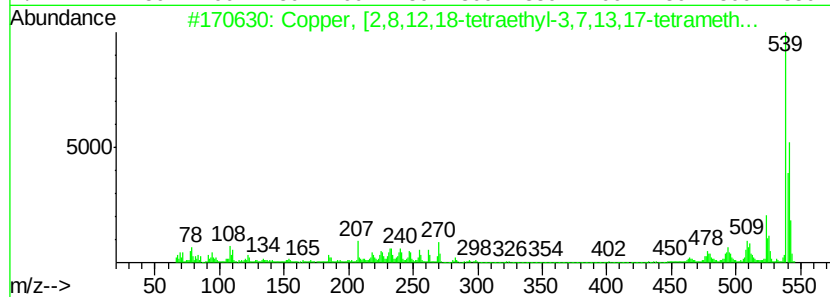
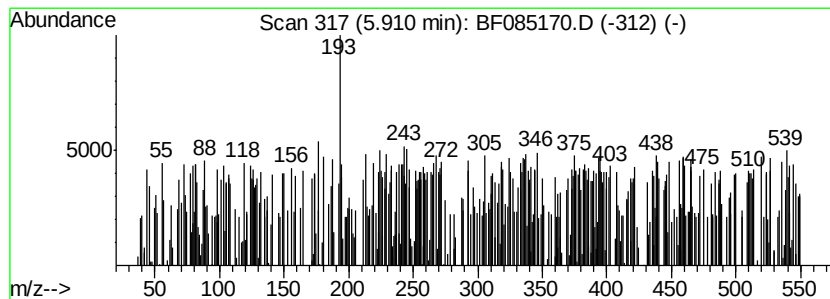
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown5.91 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	3.62 ng	154957	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	4	Copper, [2,8,12,18-tetraethyl-3,...	539	C32H36CuN4	014055-18-6	22
2		3,3,5,5,9,9,11,11-Octamethyl-1,7...	554	C20H34O7Si6	049538-51-4	10
3		d:c-Friedo-b':a'-neogammacer-9(1...	526	C34H54O4	010211-55-9	7
4		Rhodium, chloro-[1,1-di-t-butylp...	539	C24H37ClNP2Rh	1000162-73-1	6



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41(18-20)

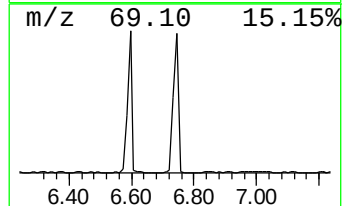
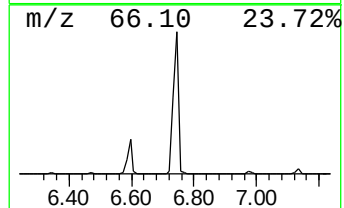
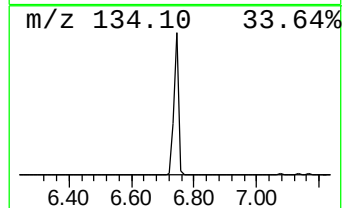
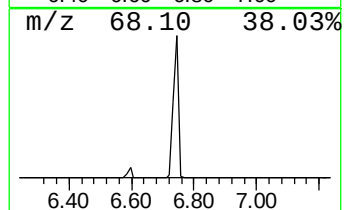
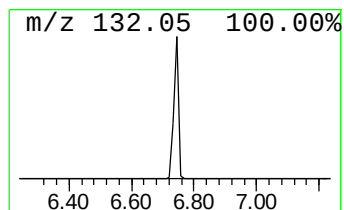
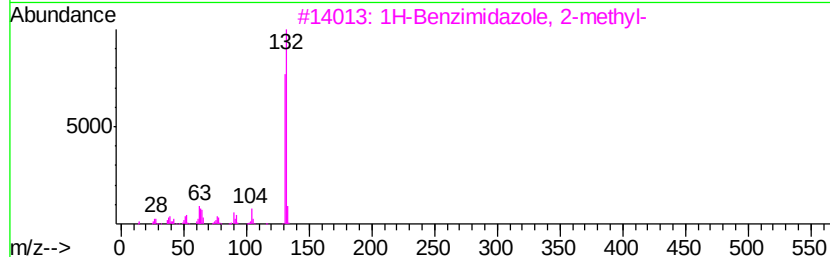
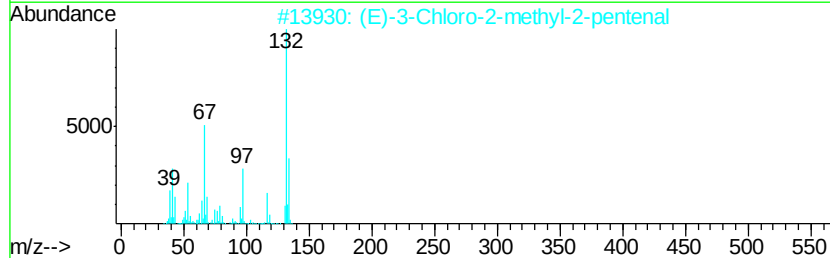
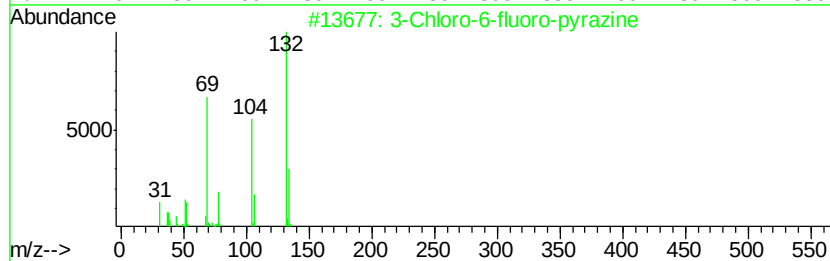
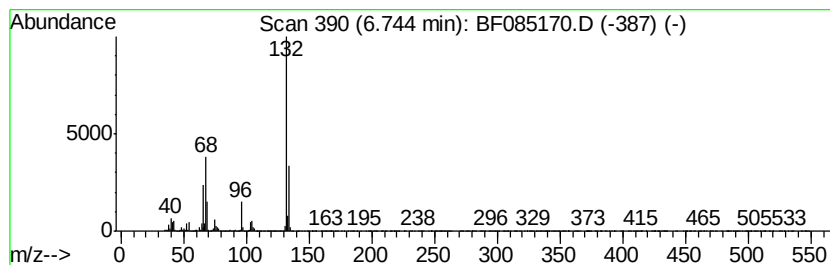
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	66.50 ng	2844380	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41(18-20)

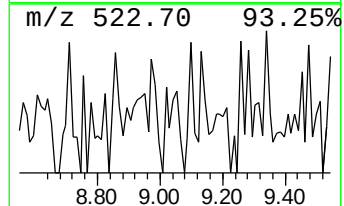
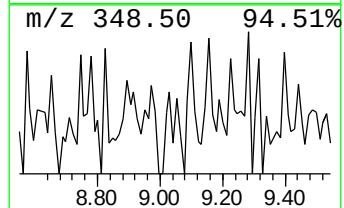
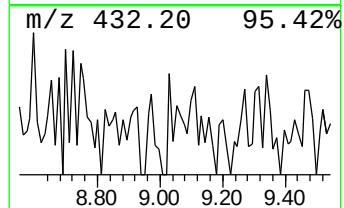
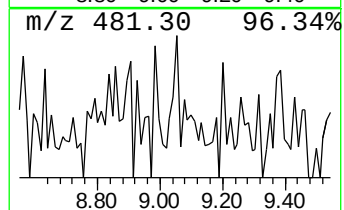
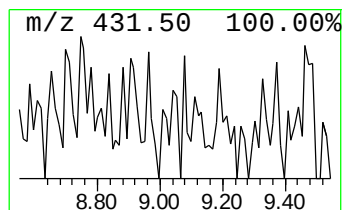
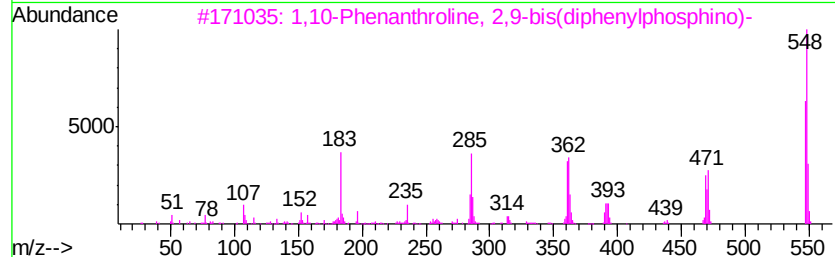
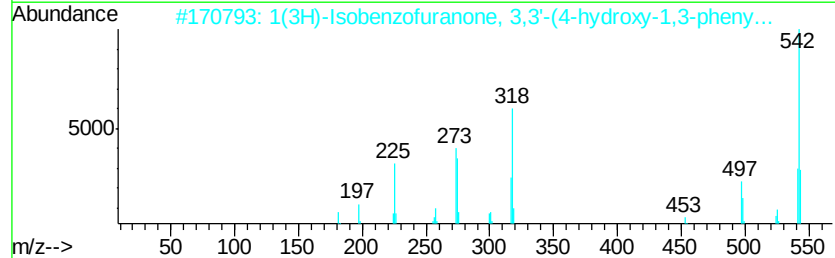
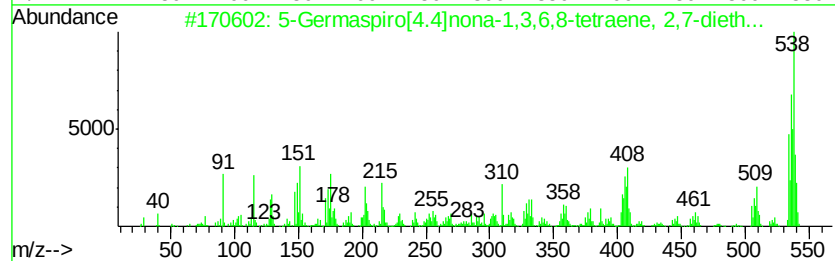
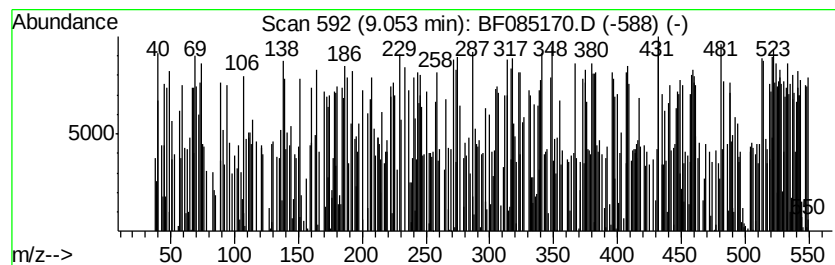
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	3.57 ng	233585	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Germaspiro[4.4]nona-1,3,6,8-te...	538	C36H32Ge	150479-95-1	25
2		1(3H)-Isobenzofuranone, 3,3'-(4-...	542	C34H22O7	055517-70-9	9
3		1,10-Phenanthroline, 2,9-bis(dip...	548	C36H26N2P2	122768-46-1	9
4		Cholest-3-eno[3,4-b]quinoxaline,...	540	C33H46Cl2N2	1000210-84-3	9
5		Tris(benzo[b]selenopheno)[2,3:2'...	540	C24H12Se3	107210-82-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41(18-20)

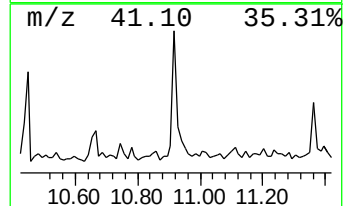
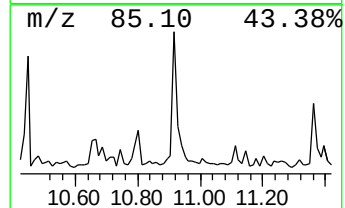
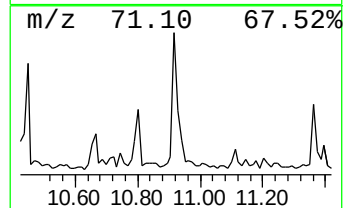
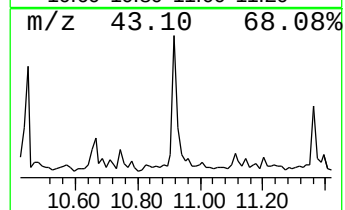
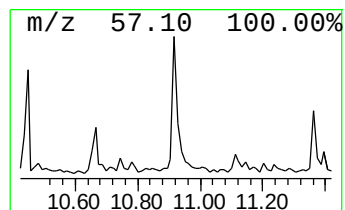
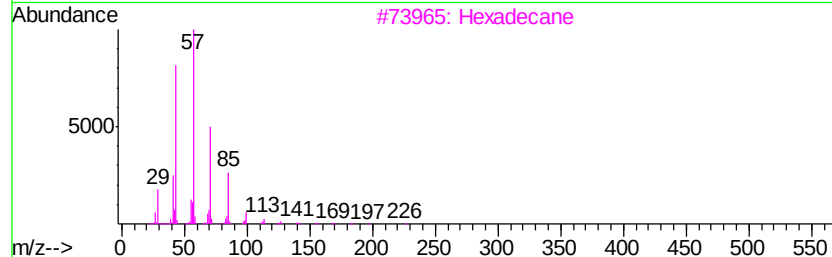
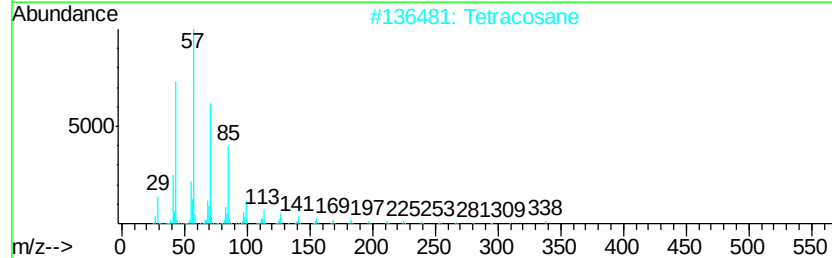
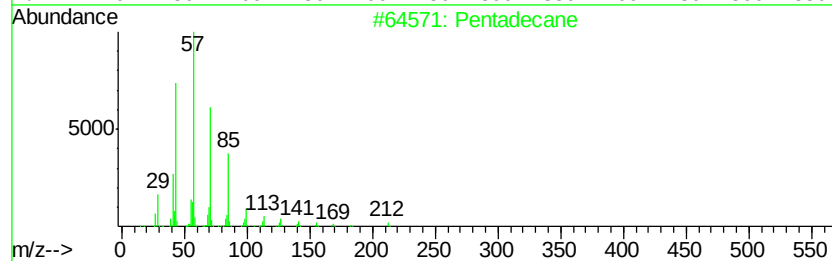
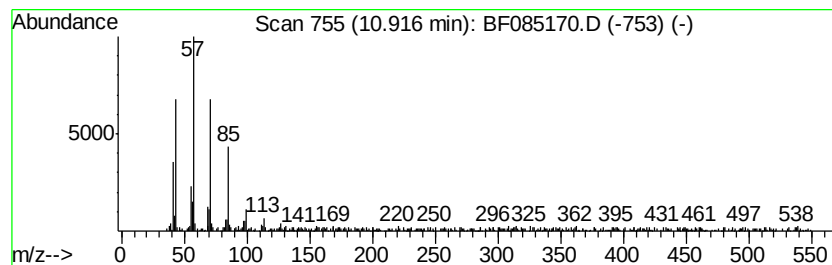
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.34 ng	300257	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexadecane	226	C16H34	000544-76-3	78
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
5		Heptacosane	380	C27H56	000593-49-7	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41(18-20)

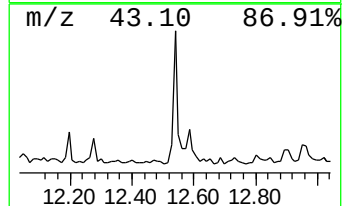
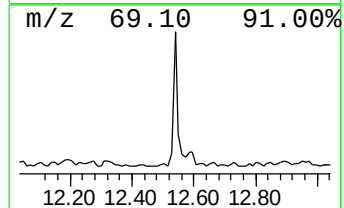
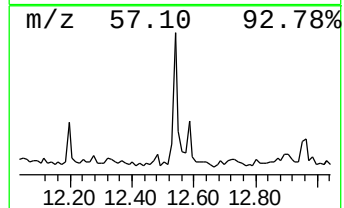
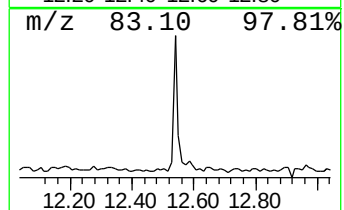
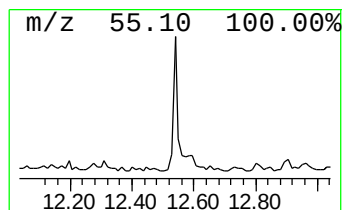
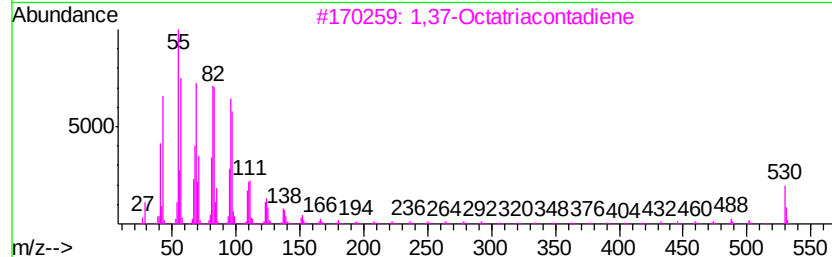
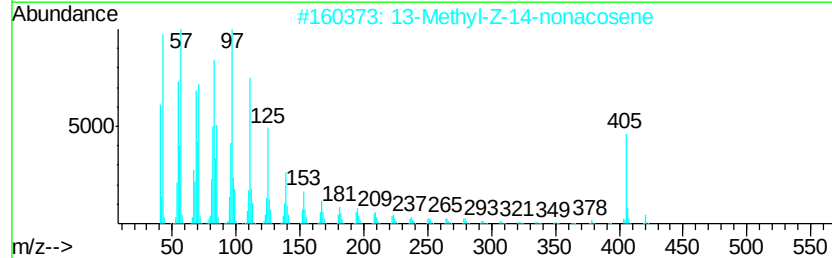
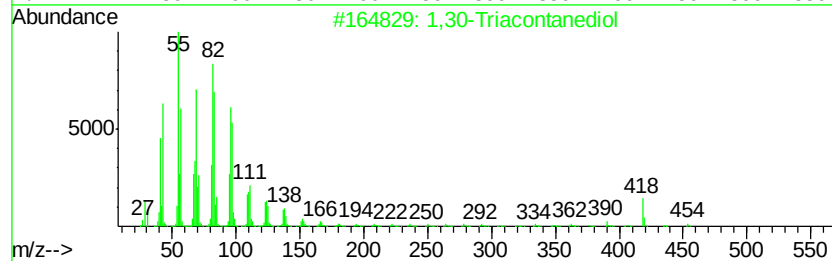
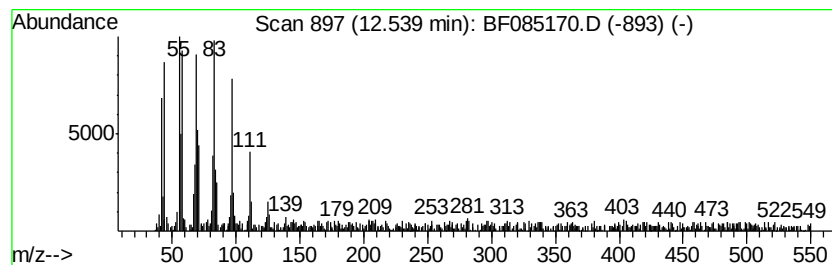
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.54 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.54	12.62 ng	872916	Phenanthrene-d10		11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,30-Triacontanediol			454	C30H62O2	036645-68-8	49
2	13-Methyl-Z-14-nonacosene			420	C30H60	1000131-19-0	47
3	1,37-Octatriacontadiene			531	C38H74	1000159-37-3	38
4	Bis-(3,4-dimethoxyphenyl)-hydrox...			445	C24H31NO7	095805-62-2	28
5	2-(2-Thienyl)ethylamine			127	C6H9NS	030433-91-1	28



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

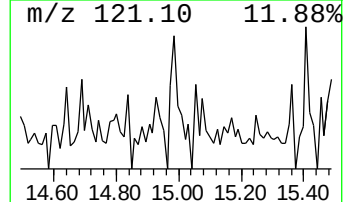
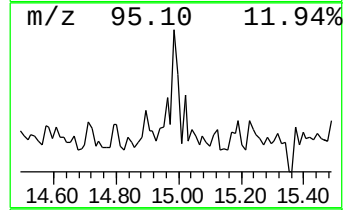
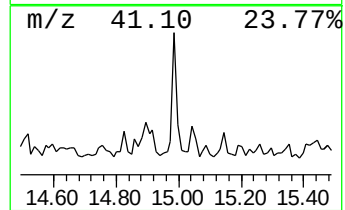
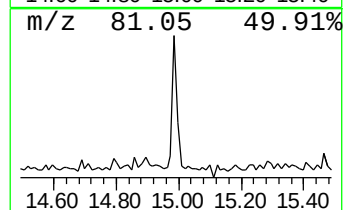
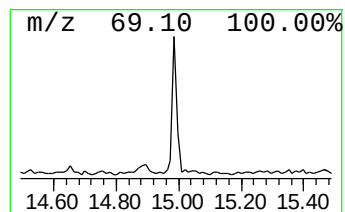
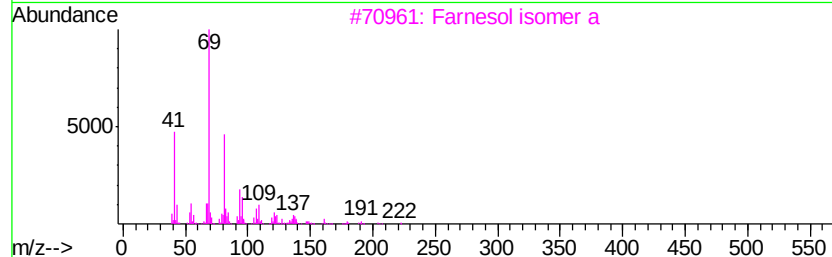
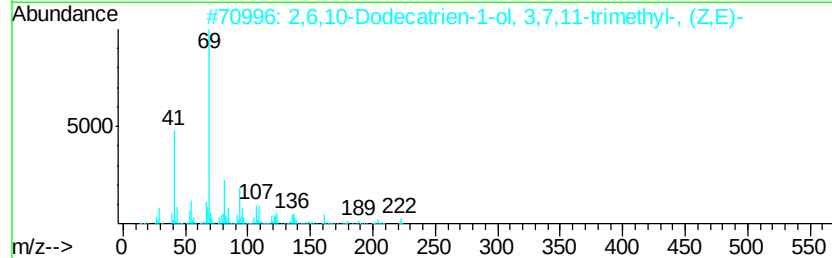
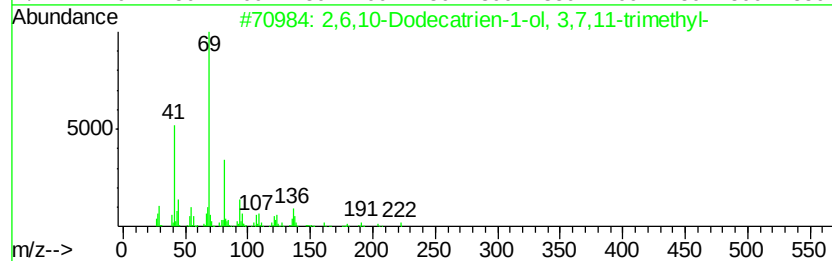
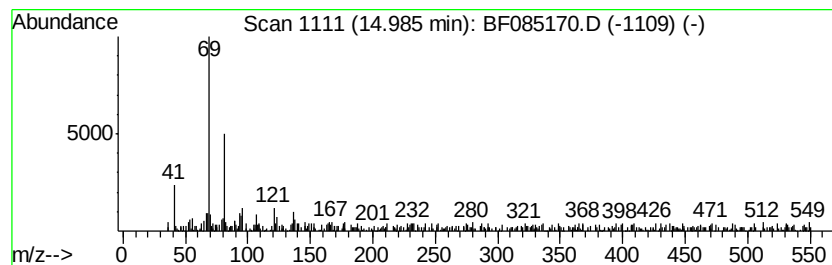
Instrument :
BNA_F
ClientSampleId :
SB-41(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.99	5.30 ng	201965	Perylene-d12	15.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	83
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	64
3	Farnesol isomer a	222	C15H26O	1000108-92-4	64
4	1-(3,5-Dinitrophenoxy)-3,7,11-tr...	388	C21H28N2O5	1000187-44-2	52
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085170.D
Acq On : 3 Mar 2016 21:43
Operator : SJ/UM
Sample : H1663-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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
unknown4.64	4.64	22.5	ng	961297	1	6.97	855403	20.0
2-Pentanone, 4-hy...	5.17	12.7	ng	544070	1	6.97	855403	20.0
unknown5.28	5.28	7.3	ng	311776	1	6.97	855403	20.0
unknown5.91	5.91	3.6	ng	154957	1	6.97	855403	20.0
unknown6.74	6.74	66.5	ng	2844380	1	6.97	855403	20.0
unknown9.05	9.05	3.6	ng	233585	2	8.26	1309350	20.0
Pentadecane	10.92	4.3	ng	300257	4	11.50	1383760	20.0
unknown12.54	12.54	12.6	ng	872916	4	11.50	1383760	20.0
2,6,10-Dodecatric...	14.99	5.3	ng	201965	6	15.60	761842	20.0