

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083537.D
 Acq On : 7 Dec 2015 1:47
 Operator : UM/IZ
 Sample : G4614-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S34-15.5

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-BF120415.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	3.573	162	165	183	rVB	767962	1611279	18.60%	1.063%
2	4.019	201	204	220	rVB	4034720	6164924	71.18%	4.066%
3	5.299	313	316	319	rBV	3996979	6070139	70.09%	4.003%
4	5.436	325	328	330	rBV	4136318	6041869	69.76%	3.985%
5	5.733	351	354	362	rBV	971348	1217710	14.06%	0.803%
6	5.859	362	365	367	rBV	380294	528292	6.10%	0.348%
7	5.950	371	373	376	rVV	3442053	4212699	48.64%	2.778%
8	6.407	410	413	423	rBV	523242	998472	11.53%	0.659%
9	6.567	423	427	429	rBV	2789849	4156630	47.99%	2.741%
10	7.630	518	520	522	rVV	1151820	1646154	19.01%	1.086%
11	7.665	522	523	527	rVB	538379	629675	7.27%	0.415%
12	8.773	618	620	623	rVB	273944	356445	4.12%	0.235%
13	8.922	630	633	636	rBV	236470	328985	3.80%	0.217%
14	9.379	669	673	676	rBV	3880352	6078796	70.19%	4.009%
15	9.573	688	690	696	rVB2	189887	366197	4.23%	0.242%
16	9.665	696	698	705	rVB2	151962	321563	3.71%	0.212%
17	9.893	712	718	721	rBV2	236210	446768	5.16%	0.295%
18	10.065	730	733	736	rVV	1036444	1395080	16.11%	0.920%
19	10.111	736	737	743	rVV3	138559	322675	3.73%	0.213%
20	10.419	761	764	767	rBV	1096956	1933372	22.32%	1.275%
21	10.476	767	769	772	rVV	1196254	1503614	17.36%	0.992%
22	10.762	790	794	799	rBV	591804	976570	11.28%	0.644%
23	10.968	807	812	815	rBV3	144472	320904	3.71%	0.212%
24	11.265	835	838	840	rBV2	153782	296032	3.42%	0.195%
25	11.311	840	842	847	rVB	1112289	1502654	17.35%	0.991%
26	11.425	847	852	853	rBV2	196585	505293	5.83%	0.333%
27	11.585	864	866	868	rVV	318093	456975	5.28%	0.301%
28	11.711	874	877	881	rVV2	2402142	4168462	48.13%	2.749%
29	11.791	881	884	888	rVB3	171965	311482	3.60%	0.205%
30	11.939	893	897	901	rVB4	119341	307425	3.55%	0.203%
31	12.065	901	908	910	rBV3	291532	859275	9.92%	0.567%
32	12.214	918	921	923	rBV	277457	496189	5.73%	0.327%
33	12.442	939	941	943	rBV3	175240	322907	3.73%	0.213%
34	12.534	947	949	952	rVB	222902	353153	4.08%	0.233%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083537.D
 Acq On : 7 Dec 2015 1:47
 Operator : UM/IZ
 Sample : G4614-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S34-15.5

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-BF120415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.602	952	955	957	rBV3	272224	535516	6.18%	0.353%
36	12.648	957	959	962	rVB	452890	576630	6.66%	0.380%
37	12.819	972	974	976	rBV	1033344	2069784	23.90%	1.365%
38	12.877	976	979	981	rVB	5252003	8302581	95.86%	5.476%
39	12.945	981	985	988	rBV	1739398	2297447	26.53%	1.515%
40	13.014	989	991	995	rBV2	236475	449419	5.19%	0.296%
41	13.185	1004	1006	1008	rBV	215125	318984	3.68%	0.210%
42	13.242	1008	1011	1013	rBV	629073	948729	10.95%	0.626%
43	13.654	1044	1047	1049	rBV	878679	1355829	15.65%	0.894%
44	13.700	1049	1051	1053	rBV	981253	1319934	15.24%	0.871%
45	13.780	1056	1058	1059	rBV	458585	600784	6.94%	0.396%
46	13.825	1059	1062	1064	rBV2	990871	1871469	21.61%	1.234%
47	13.882	1064	1067	1071	rVV3	612999	2288866	26.43%	1.510%
48	14.248	1097	1099	1101	rBV	714775	887945	10.25%	0.586%
49	14.831	1145	1150	1152	rBV	4730314	8315526	96.01%	5.484%
50	14.922	1156	1158	1161	rBV	509243	845179	9.76%	0.557%
51	15.037	1166	1168	1173	rVB3	244833	523481	6.04%	0.345%
52	15.174	1176	1180	1183	rBV	5007635	8660918	100.00%	5.712%
53	15.265	1185	1188	1190	rVB2	276928	389690	4.50%	0.257%
54	15.323	1190	1193	1196	rVB2	280153	506207	5.84%	0.334%
55	15.380	1196	1198	1201	rBV2	489239	890789	10.29%	0.587%
56	15.460	1201	1205	1208	rVB	2329095	4145846	47.87%	2.734%
57	15.551	1211	1213	1215	rVB	294885	449250	5.19%	0.296%
58	15.665	1220	1223	1226	rBV2	821736	1614796	18.64%	1.065%
59	15.723	1226	1228	1232	rVB	899543	1323280	15.28%	0.873%
60	15.825	1234	1237	1239	rVB	762885	1024450	11.83%	0.676%
61	15.883	1239	1242	1248	rBV3	511386	1435661	16.58%	0.947%
62	16.020	1252	1254	1256	rVB	307560	371441	4.29%	0.245%
63	16.065	1256	1258	1260	rBV	236108	272152	3.14%	0.179%
64	16.260	1273	1275	1279	rVB	137168	313093	3.62%	0.206%
65	16.351	1279	1283	1284	rBV	262388	523878	6.05%	0.346%
66	16.488	1292	1295	1296	rBV2	220120	370359	4.28%	0.244%
67	16.523	1296	1298	1302	rVB3	300226	675443	7.80%	0.445%
68	16.671	1308	1311	1312	rBV	384529	634878	7.33%	0.419%
69	16.706	1312	1314	1316	rVV2	453930	727080	8.39%	0.480%
70	16.774	1318	1320	1322	rVV2	265264	356438	4.12%	0.235%
71	16.980	1334	1338	1339	rVV2	654295	1140643	13.17%	0.752%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083537.D
 Acq On : 7 Dec 2015 1:47
 Operator : UM/IZ
 Sample : G4614-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S34-15.5

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-BF120415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.014	1339	1341	1344	rVV2	2406103	5272339	60.88%	3.477%
73	17.060	1344	1345	1348	rVV	2402536	3324109	38.38%	2.192%
74	17.163	1352	1354	1356	rVB	440459	513966	5.93%	0.339%
75	17.311	1366	1367	1369	rVB	357486	342441	3.95%	0.226%
76	17.357	1369	1371	1372	rBV	271431	290417	3.35%	0.192%
77	17.391	1372	1374	1377	rVB3	281746	407836	4.71%	0.269%
78	17.506	1382	1384	1385	rBV2	197214	293142	3.38%	0.193%
79	17.551	1385	1388	1390	rVV	549915	687937	7.94%	0.454%
80	17.631	1393	1395	1396	rBV	265004	326224	3.77%	0.215%
81	17.700	1399	1401	1404	rBV4	157132	412097	4.76%	0.272%
82	17.769	1404	1407	1409	rVB3	438872	968688	11.18%	0.639%
83	18.123	1436	1438	1442	rBV2	297442	512029	5.91%	0.338%
84	18.283	1448	1452	1458	rVB	2288968	4909578	56.69%	3.238%
85	18.386	1459	1461	1463	rVB	386277	423219	4.89%	0.279%
86	18.454	1464	1467	1470	rBV2	1127808	2337979	26.99%	1.542%
87	18.546	1473	1475	1477	rBV	1288543	1478254	17.07%	0.975%
88	18.603	1478	1480	1483	rVB	2015189	2266455	26.17%	1.495%
89	18.660	1483	1485	1486	rBV	753530	808491	9.33%	0.533%
90	18.923	1506	1508	1511	rBV3	480514	761510	8.79%	0.502%
91	19.117	1523	1525	1527	rBV2	344580	615620	7.11%	0.406%
92	19.757	1577	1581	1585	rVB3	367851	863812	9.97%	0.570%
93	19.894	1591	1593	1598	rVB	938184	1696384	19.59%	1.119%
94	20.043	1604	1606	1609	rBV2	289325	712390	8.23%	0.470%
95	20.134	1612	1614	1620	rVB4	336536	972677	11.23%	0.642%
96	20.249	1621	1624	1629	rBV	717010	1639967	18.94%	1.082%
97	20.477	1641	1644	1651	rVB2	356813	952731	11.00%	0.628%
98	20.649	1656	1659	1662	rBV3	159215	450062	5.20%	0.297%
99	20.717	1662	1665	1667	rBV2	225062	457153	5.28%	0.302%
100	20.923	1681	1683	1690	rVB4	129747	384083	4.43%	0.253%

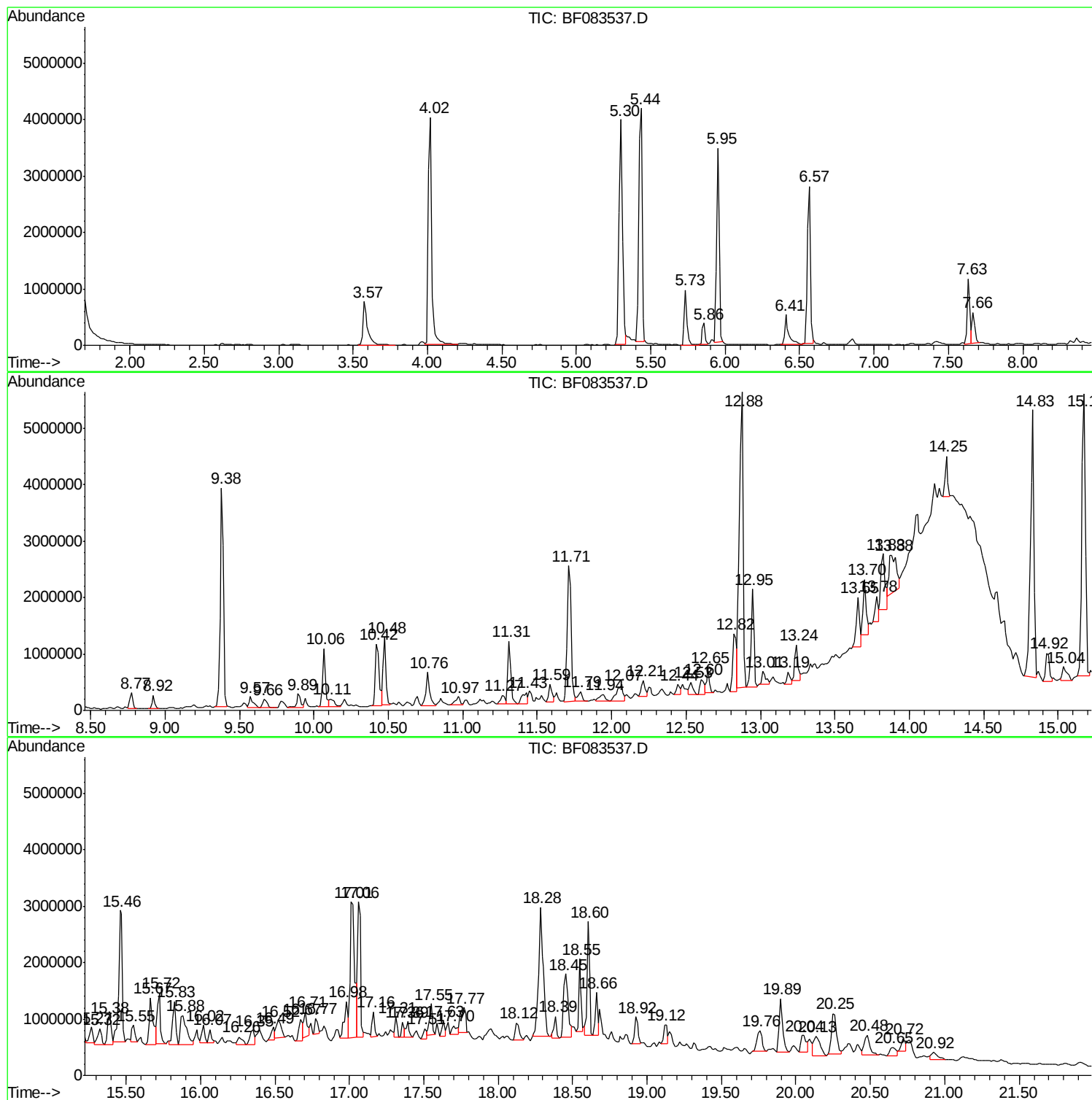
Sum of corrected areas: 151624644

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.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\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

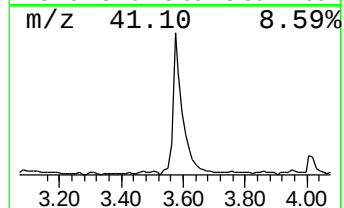
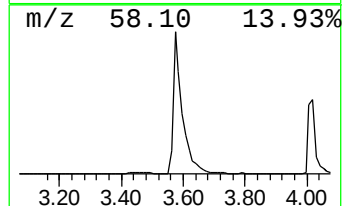
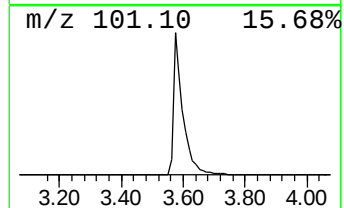
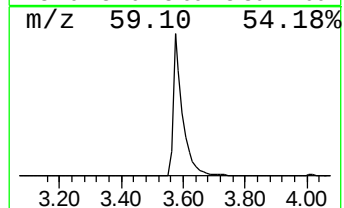
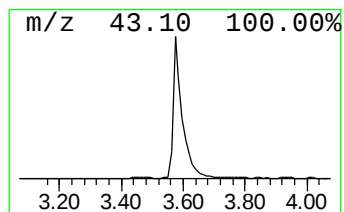
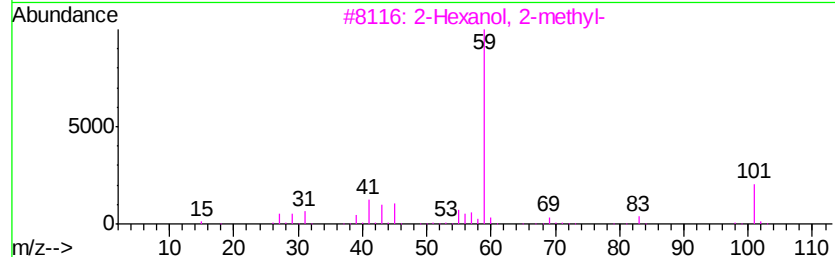
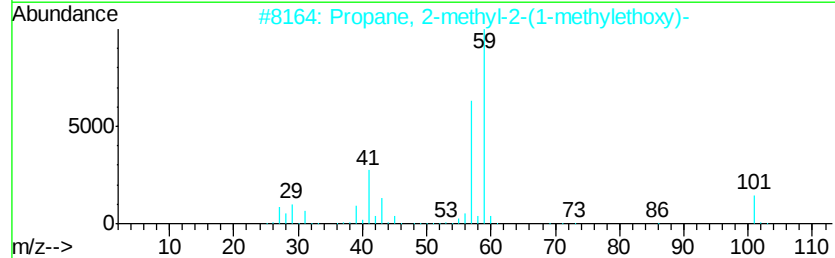
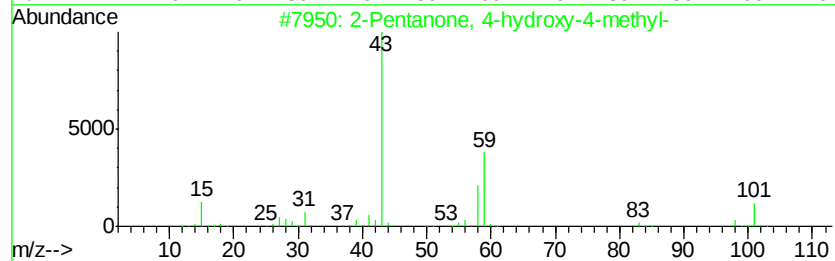
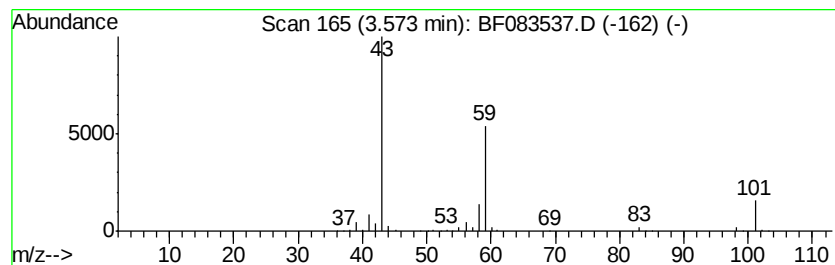
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	26.46 ng	1611280	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

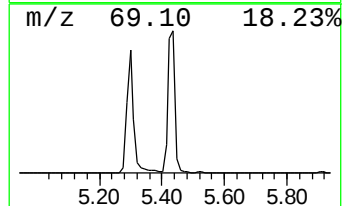
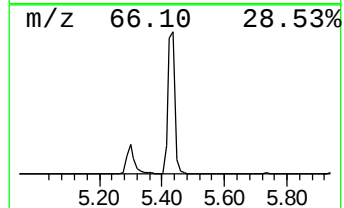
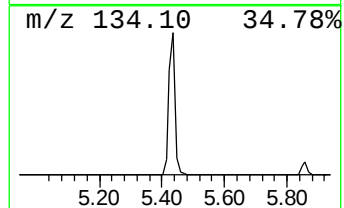
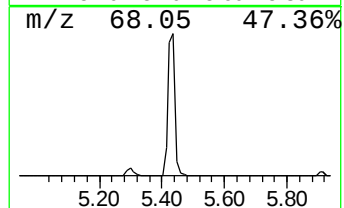
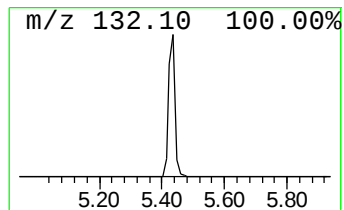
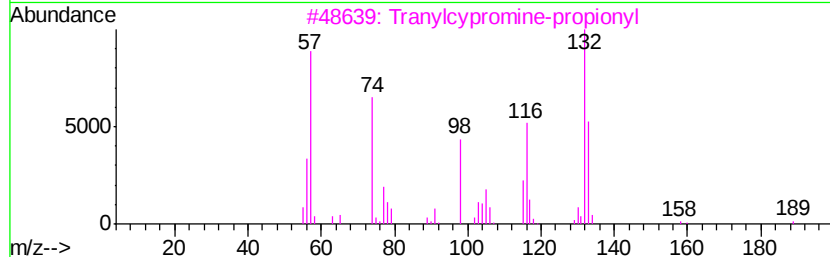
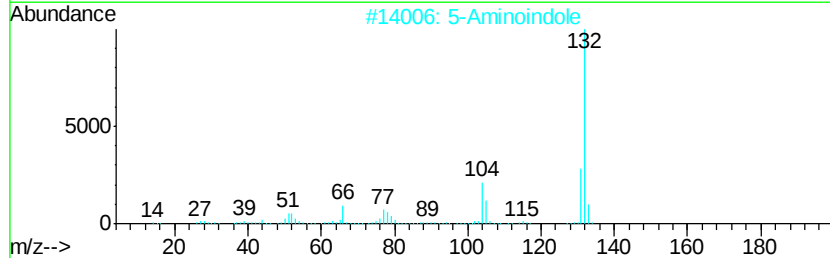
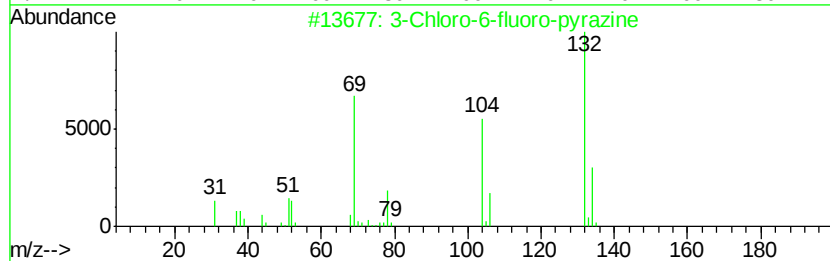
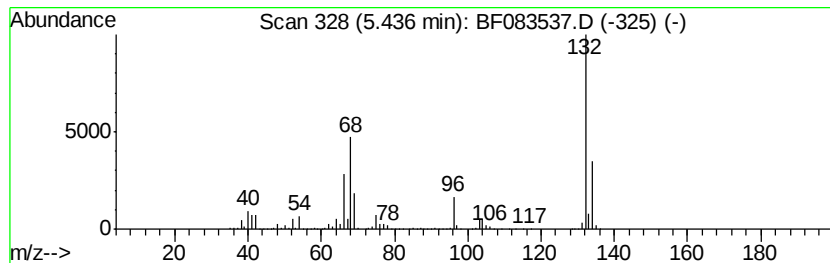
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	99.23 ng	6041870	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

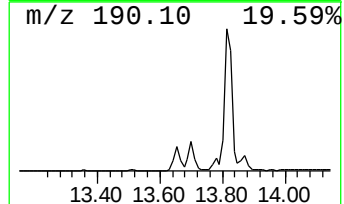
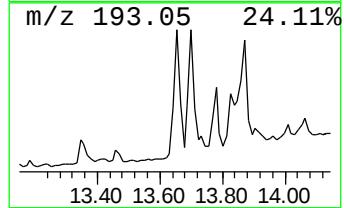
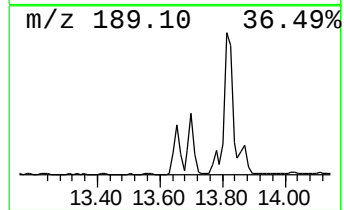
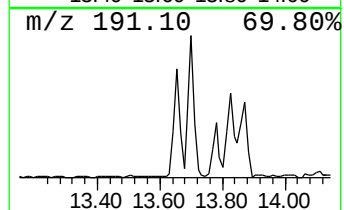
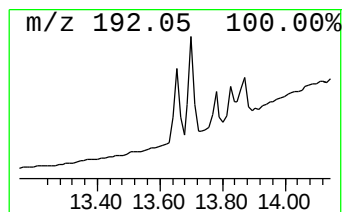
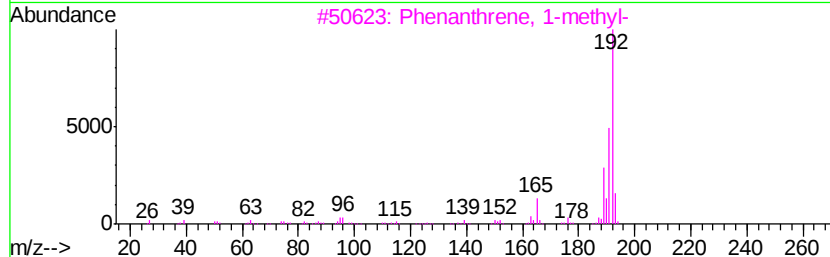
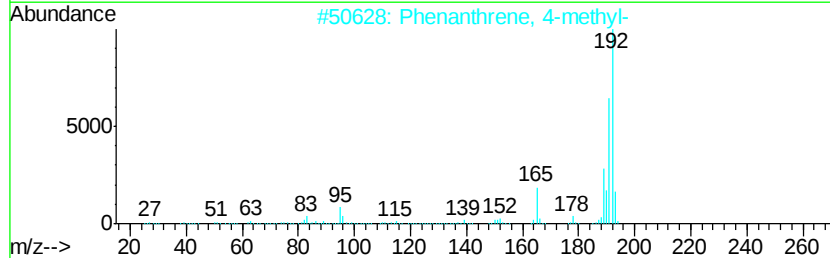
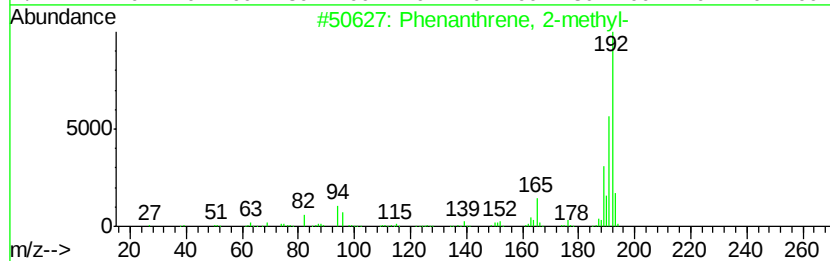
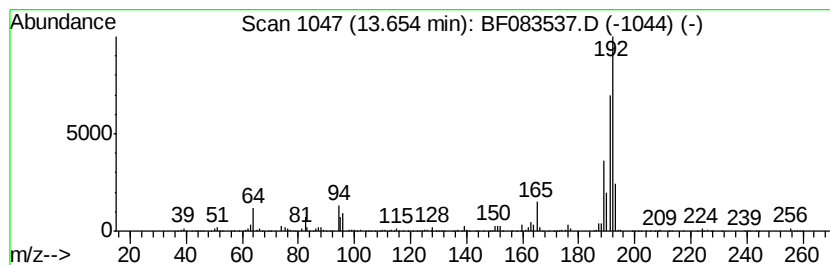
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	13.10 ng	1355830	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

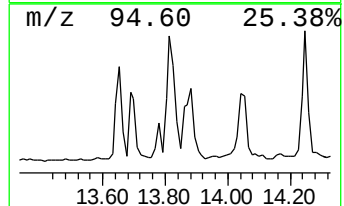
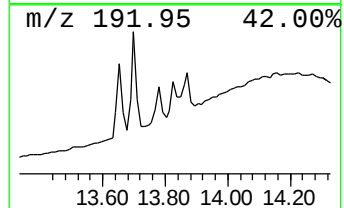
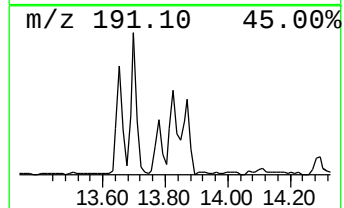
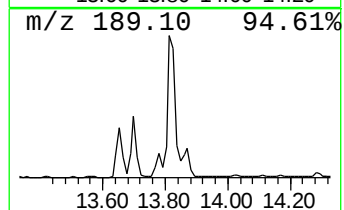
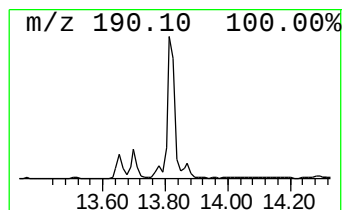
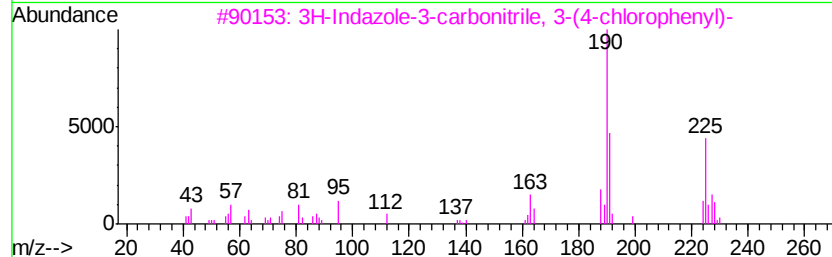
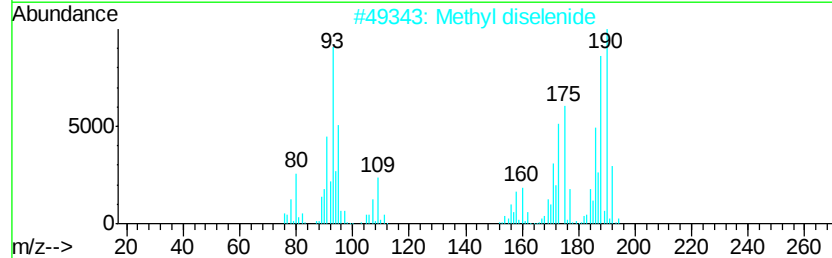
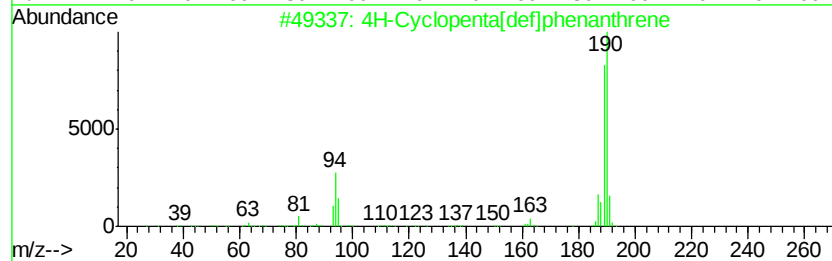
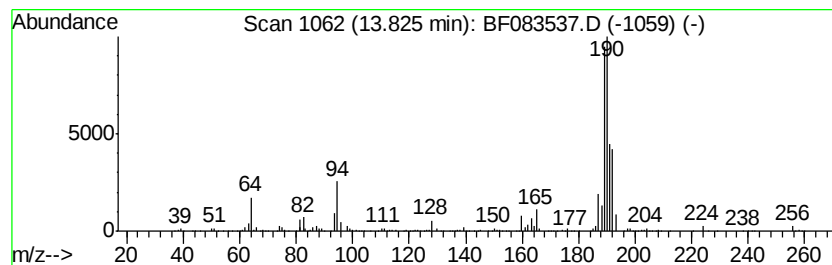
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	18.08 ng	1871470	Phenanthrene-d10	12.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		Methyl diselenide	190	C2H6Se2	007101-31-7	43
3		3H-Indazole-3-carbonitrile, 3-(4...	253	C14H8ClN3	056630-97-8	17
4		4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17
5		Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

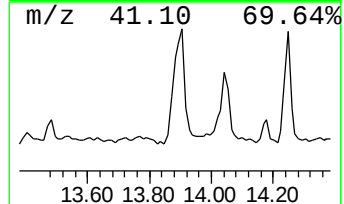
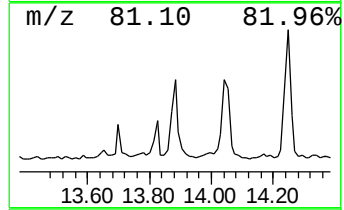
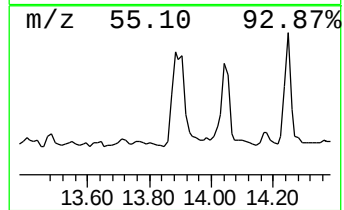
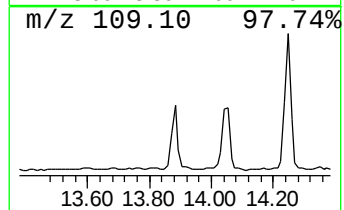
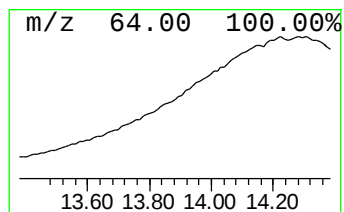
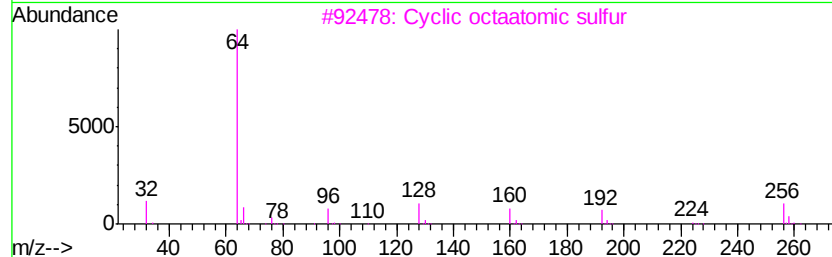
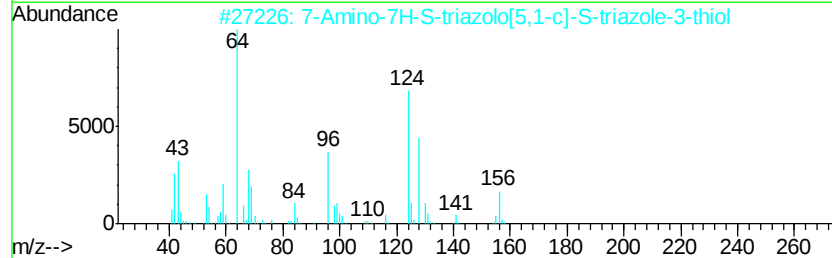
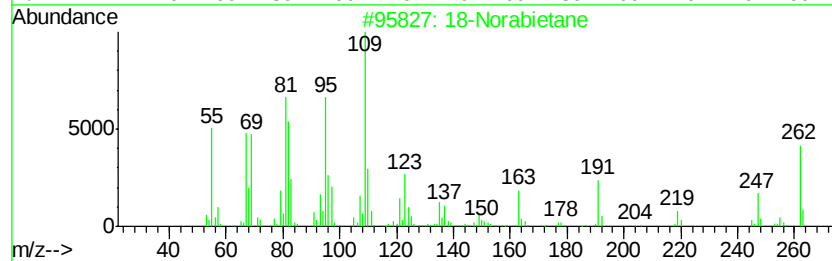
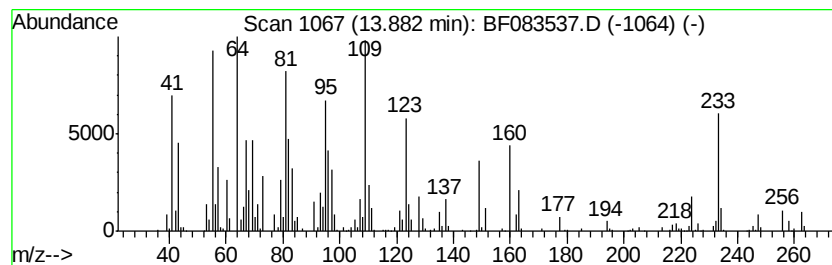
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 18-Norabietane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	22.12 ng	2288870	Phenanthrene-d10	12.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane		262	C19H34	1000293-16-6	56
2	7-Amino-7H-S-triazolo[5,1-c]-S-t...		156	C3H4N6S	013728-28-4	38
3	Cyclic octaatomic sulfur		256	S8	010544-50-0	32
4	S-[N-[2-Adamantyl]amidino]methyl...		304	C12H20N2O3S2	040283-71-4	25
5	Bicyclo[2.2.1]heptane, 1,3,3-tri...		138	C10H18	006248-88-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

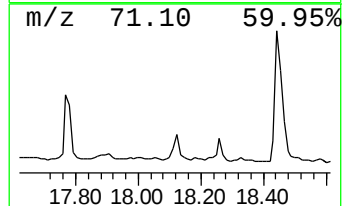
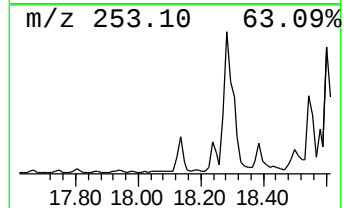
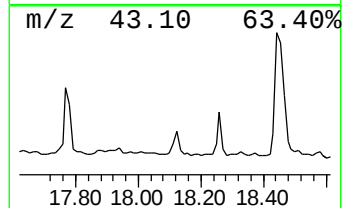
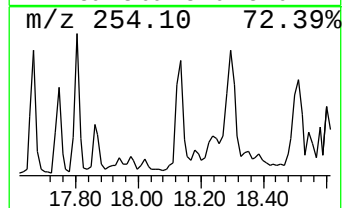
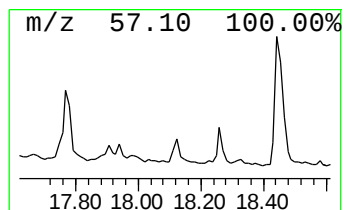
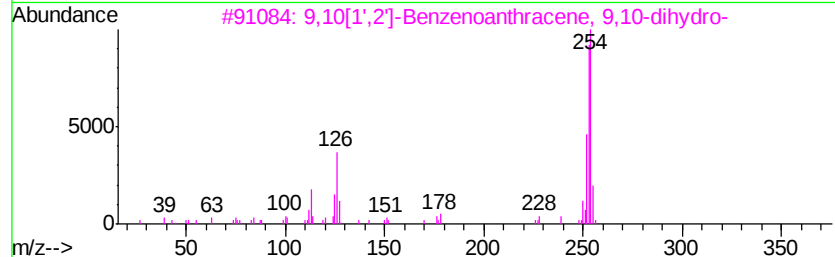
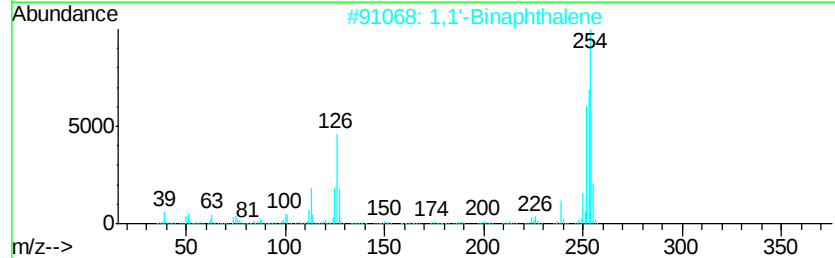
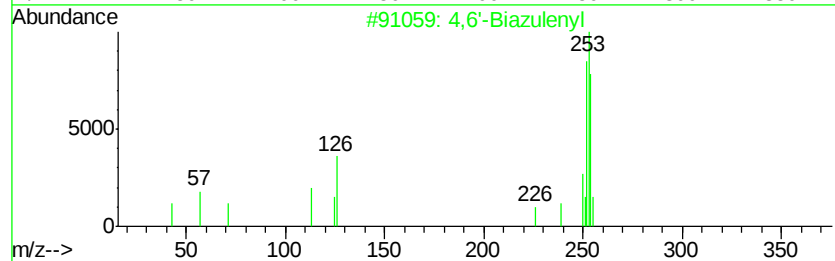
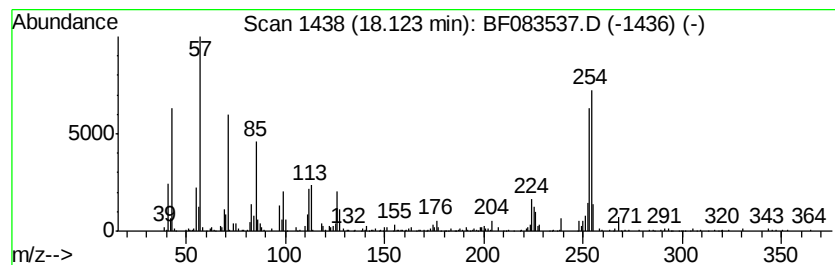
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4,6'-Biazulenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	12.67 ng	512029	Perylene-d12	18.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6'-Biazulenyl	254	C20H14	094154-49-1	53
2		1,1'-Binaphthalene	254	C20H14	000604-53-5	46
3		9,10[1',2'-Benzenoanthracene, 9...	254	C20H14	000477-75-8	46
4		1,2'-Binaphthalene	254	C20H14	004325-74-0	38
5		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

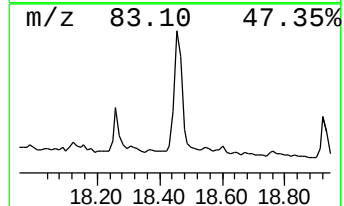
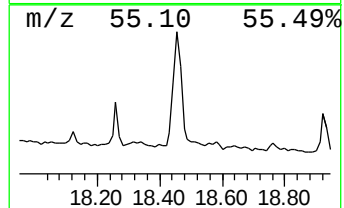
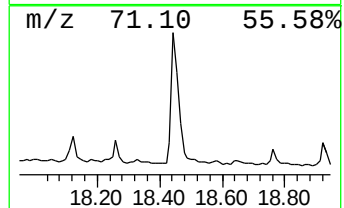
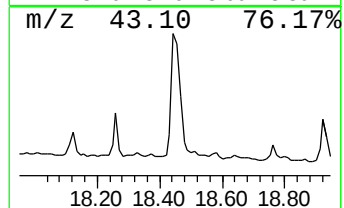
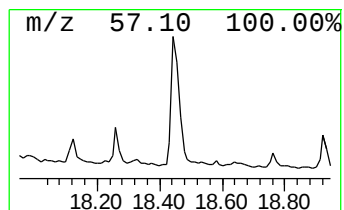
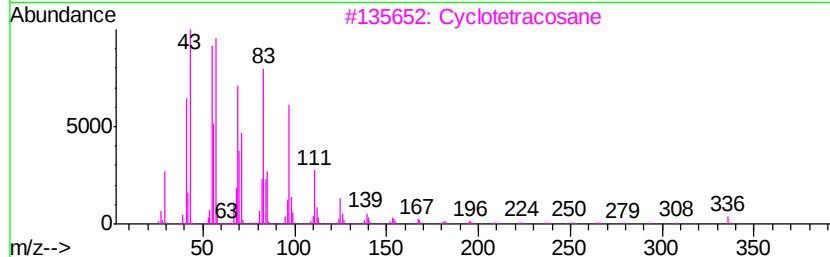
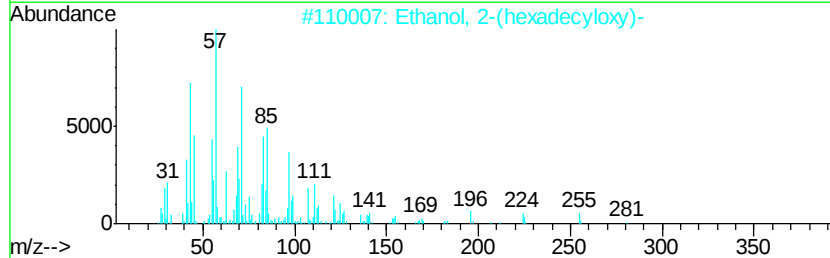
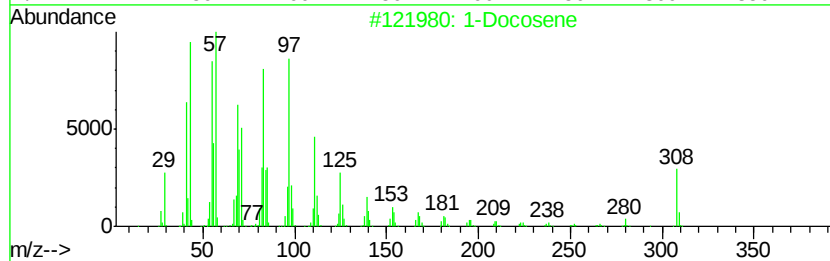
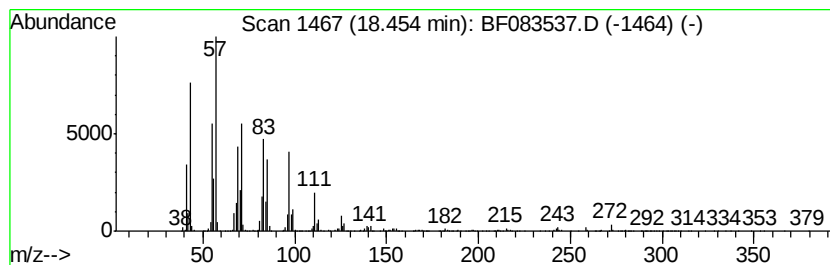
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	57.84 ng	2337980	Perylene-d12	18.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	93
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	80
3		Cyclotetracosane	336	C24H48	000297-03-0	62
4		10-Heneicosene (c,t)	294	C21H42	095008-11-0	58
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

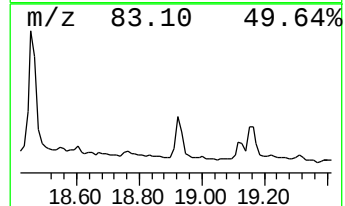
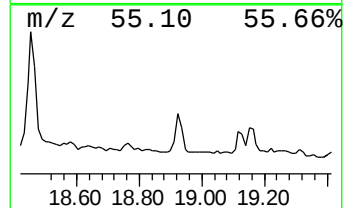
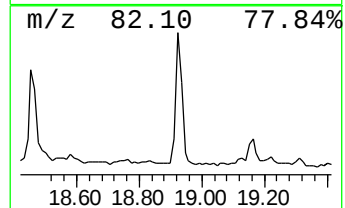
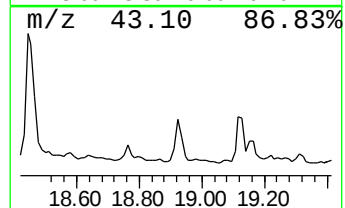
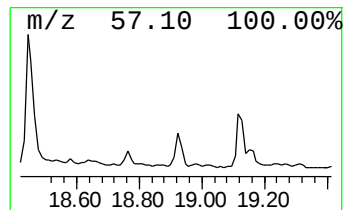
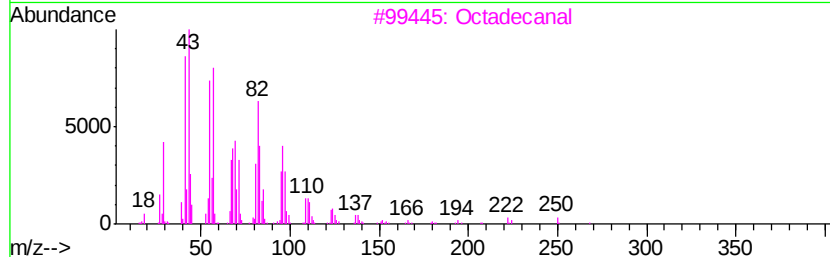
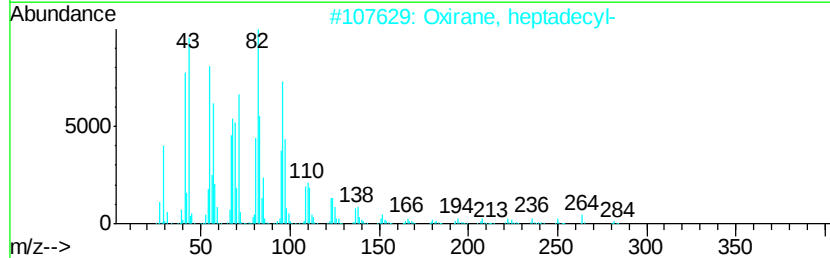
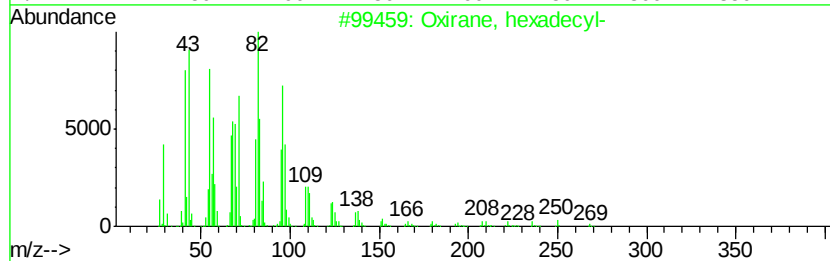
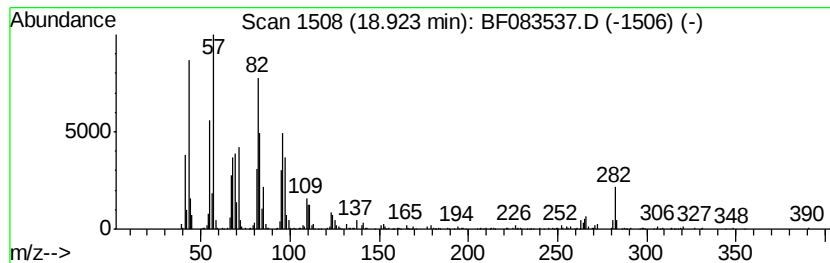
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	18.84 ng	761510	Perylene-d12	18.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81
3			Octadecanal	268	C18H36O	000638-66-4	74
4			Tetradecanal	212	C14H28O	000124-25-4	72
5			18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

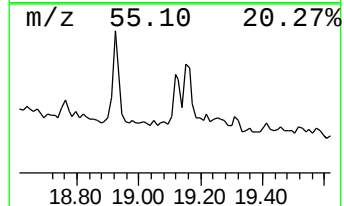
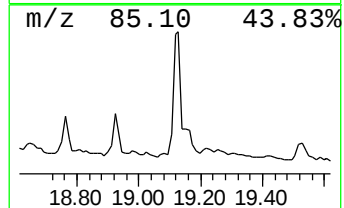
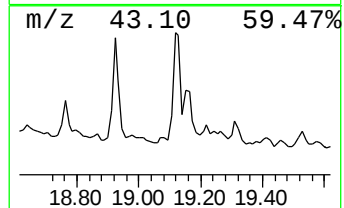
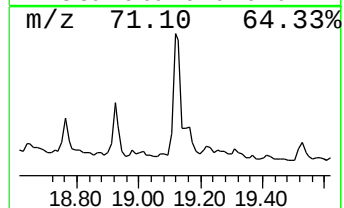
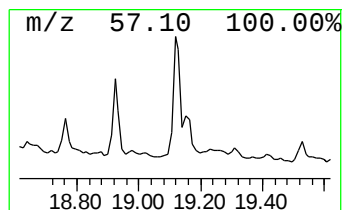
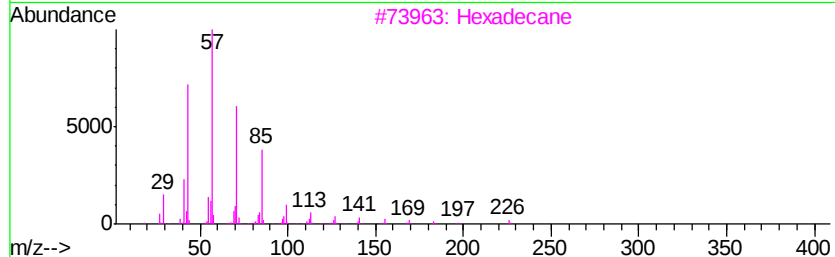
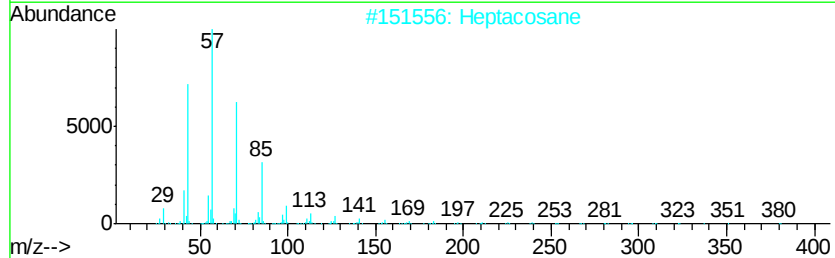
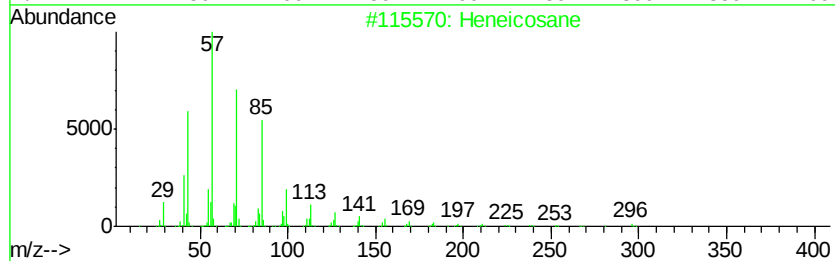
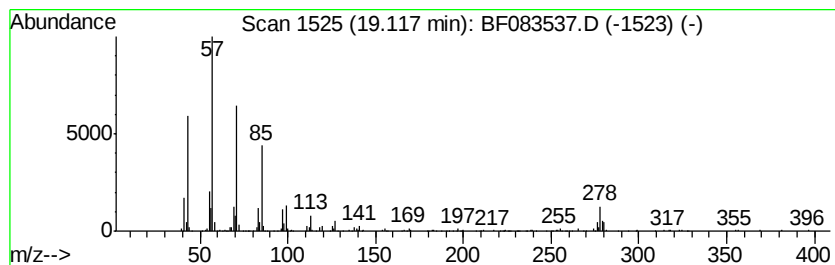
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	15.23 ng	615620	Perylene-d12	18.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	72
2		Heptacosane	380	C27H56	000593-49-7	68
3		Hexadecane	226	C16H34	000544-76-3	64
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5		Nonadecane	268	C19H40	000629-92-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

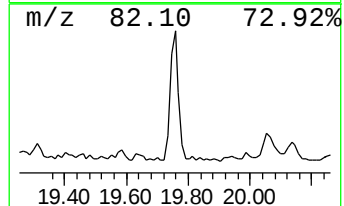
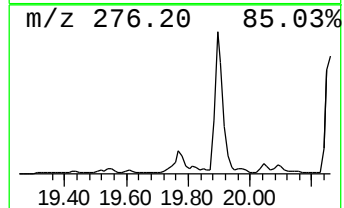
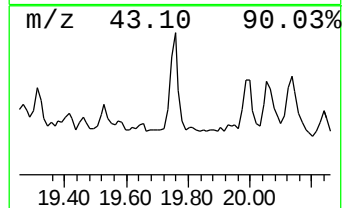
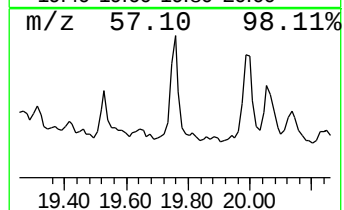
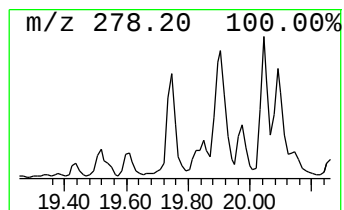
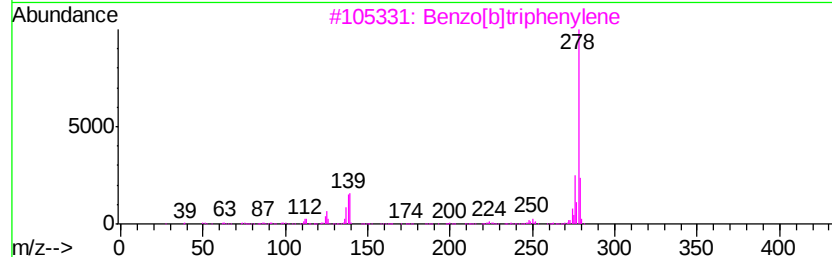
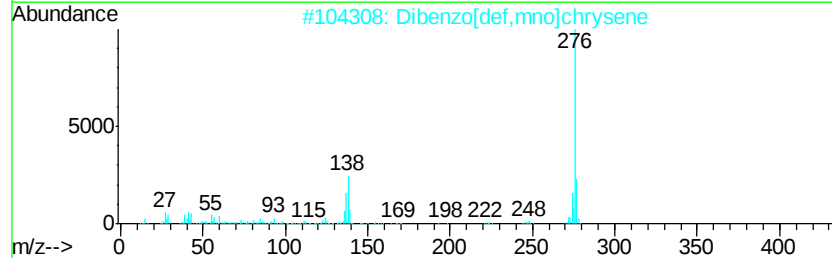
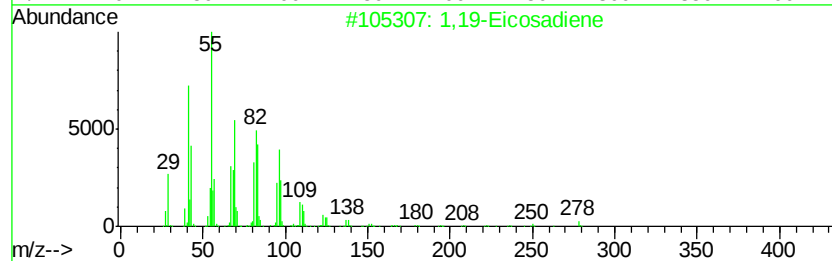
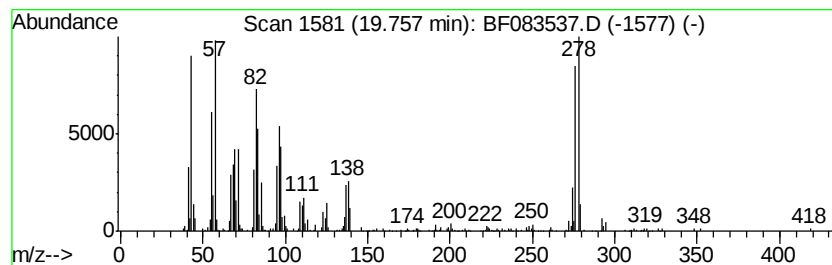
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown19.76 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	21.37 ng	863812	Perylene-d12	18.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	45
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	38
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	35
4		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	30
5		2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

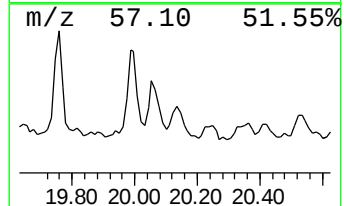
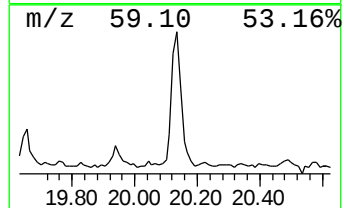
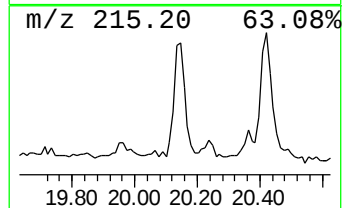
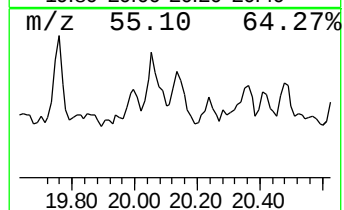
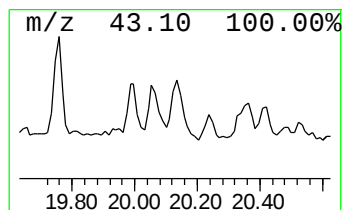
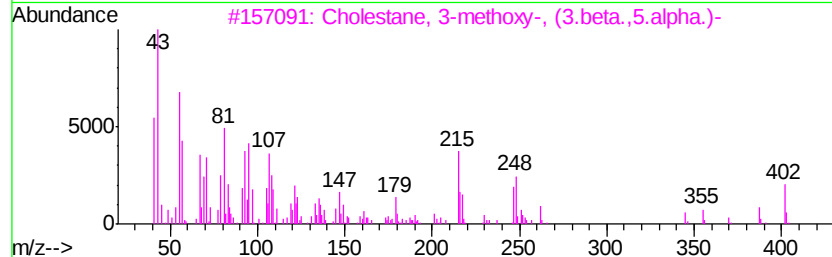
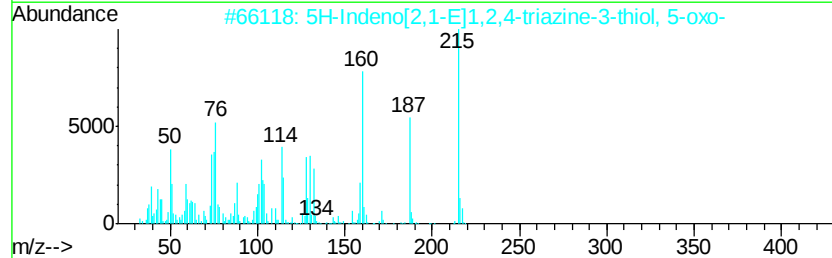
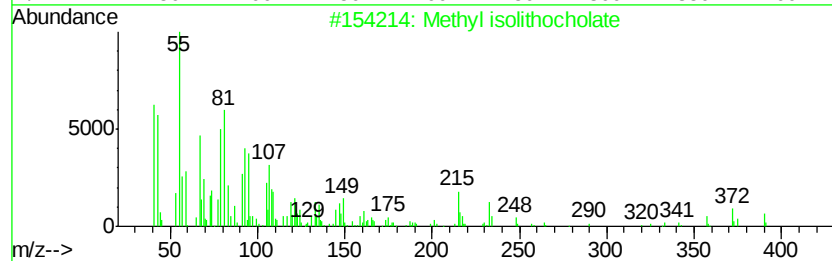
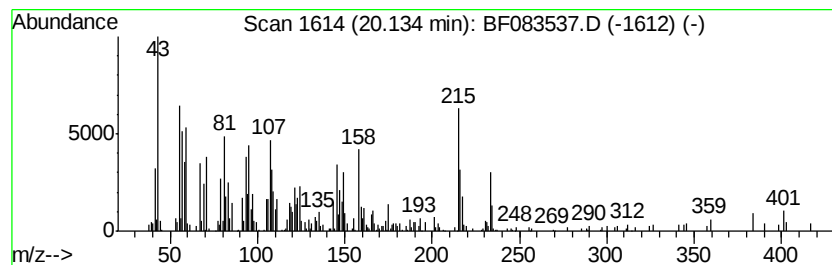
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown20.13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	24.06 ng	972677	Perylene-d12	18.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl isolithocholate	390	C25H42O3	005405-42-5	23
2		5H-Indeno[2,1-E]1,2,4-triazine-3...	215	C10H5N3OS	1000271-90-8	22
3		Cholestane, 3-methoxy-, (3.beta....	402	C28H50O	001981-90-4	16
4		Phosphoric acid, diphenyl 1,1'-b...	402	C24H19O4P	017269-99-7	11
5		Pentanenitrile, 2-(4-fluoropheny...	233	C12H12FN3O	1000269-22-3	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

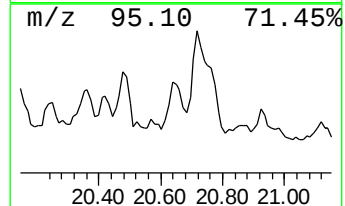
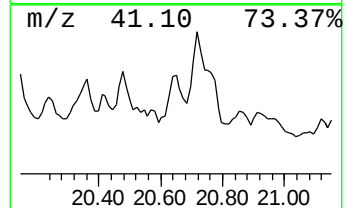
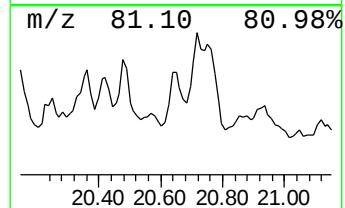
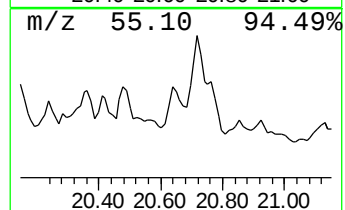
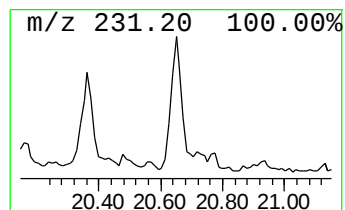
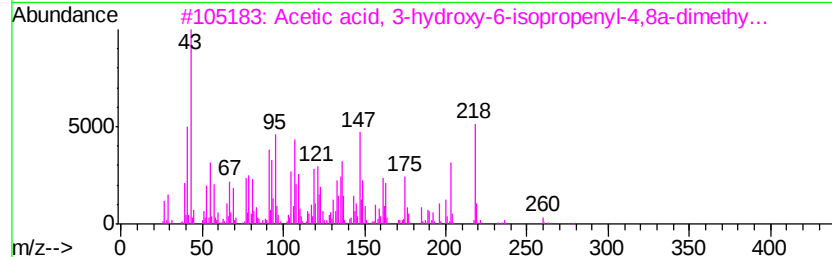
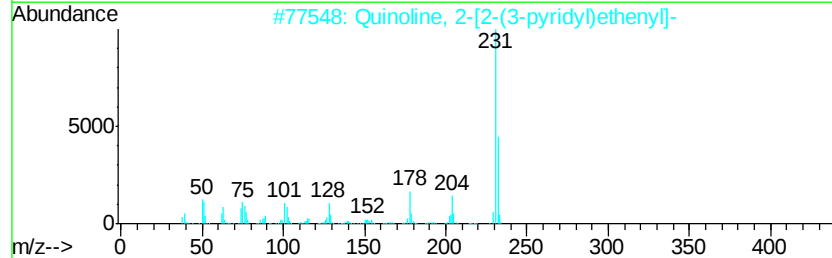
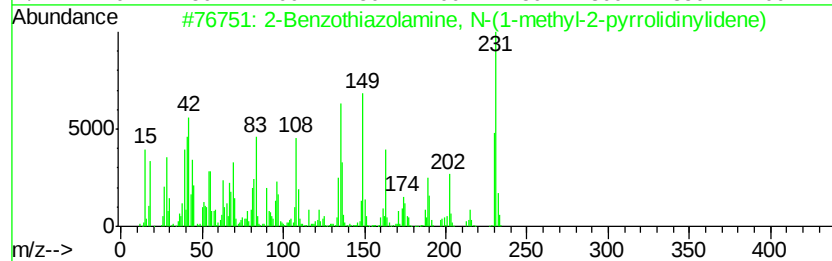
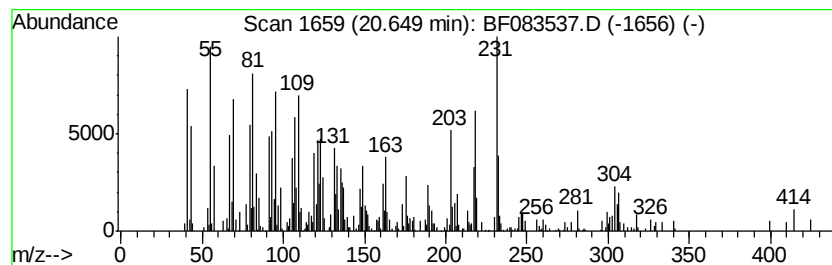
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown20.65 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	11.13 ng	450062	Perylene-d12	18.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Benzothiazolamine, N-(1-methyl...	231	C12H13N3S	084859-07-4	22
2		Quinoline, 2-[2-(3-pyridyl)ethen...	232	C16H12N2	001586-51-2	18
3		Acetic acid, 3-hydroxy-6-isoprop...	278	C17H26O3	1000185-44-8	15
4		Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	15
5		Phenanthridine 6-chloro-2-methyl...	231	C14H14ClN	035417-77-7	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083537.D
Acq On : 7 Dec 2015 1:47
Operator : UM/IZ
Sample : G4614-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S34-15.5

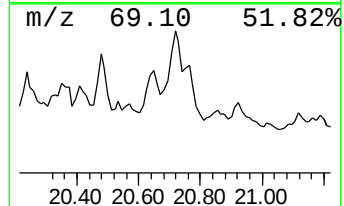
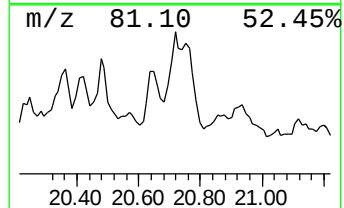
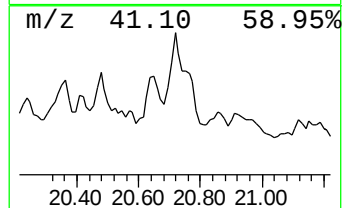
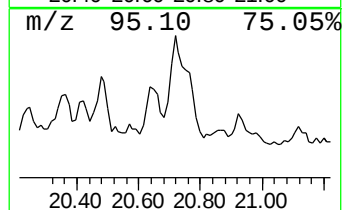
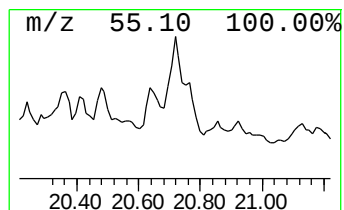
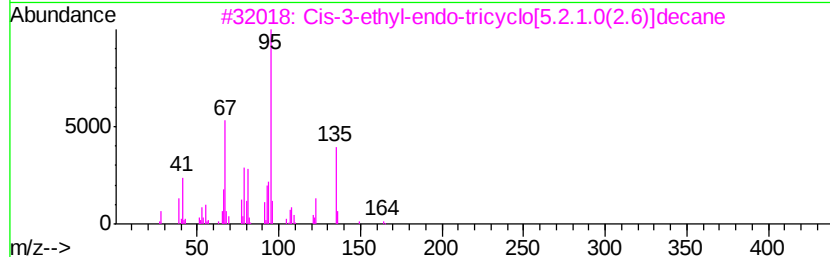
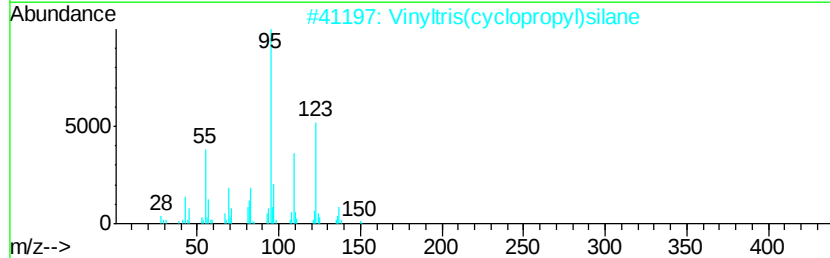
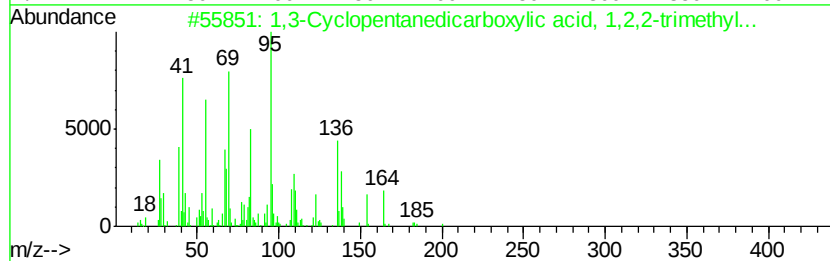
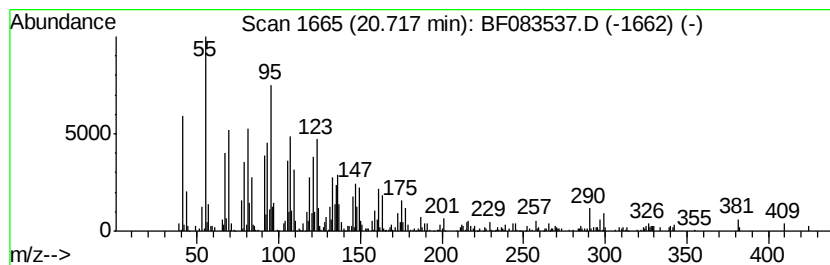
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown20.72 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	11.31 ng	457153	Perylene-d12	18.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedicarboxylic aci...	200	C10H16O4	000124-83-4	38
2		Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	35
3		Cis-3-ethyl-endo-tricyclo[5.2.1]...	164	C12H20	1000215-29-1	30
4		.alpha.-Santoline alcohol	154	C10H18O	090823-36-2	18
5		1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083537.D
 Acq On : 7 Dec 2015 1:47
 Operator : UM/IZ
 Sample : G4614-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S34-15.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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
2-Pentanone, 4-hy...	3.57	26.5	ng	1611280	1	5.73	1217710	20.0
unknown5.44	5.44	99.2	ng	6041870	1	5.73	1217710	20.0
Phenanthrene, 2-m...	13.65	13.1	ng	1355830	4	12.82	2069780	20.0
4H-Cyclopenta[def...	13.83	18.1	ng	1871470	4	12.82	2069780	20.0
18-Norabietane	13.88	22.1	ng	2288870	4	12.82	2069780	20.0
4,6'-Biazulenyl	18.12	12.7	ng	512029	6	18.66	808491	20.0
1-Docosene	18.45	57.8	ng	2337980	6	18.66	808491	20.0
Oxirane, hexadecyl-	18.92	18.8	ng	761510	6	18.66	808491	20.0
Heneicosane	19.12	15.2	ng	615620	6	18.66	808491	20.0
unknown19.76	19.76	21.4	ng	863812	6	18.66	808491	20.0
unknown20.13	20.13	24.1	ng	972677	6	18.66	808491	20.0
unknown20.65	20.65	11.1	ng	450062	6	18.66	808491	20.0
unknown20.72	20.72	11.3	ng	457153	6	18.66	808491	20.0