

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
 Data File : BF076890.D
 Acq On : 15 Jan 2015 18:33
 Operator : IZ / TP
 Sample : G1030-04
 Misc : S
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-SS-1(2-4)

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-BF011415.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	1.476	32	34	44	rBV	74804	140956	14.64%	0.860%
2	4.173	266	270	282	rVB	112975	270206	28.06%	1.649%
3	5.087	347	350	368	rVB	485860	890657	92.49%	5.436%
4	7.419	551	554	560	rBV	504300	884636	91.87%	5.399%
5	7.522	560	563	572	rVV	577451	962929	100.00%	5.877%
6	7.808	585	588	591	rVB	29297	48058	4.99%	0.293%
7	8.025	604	607	611	rVB	124203	204360	21.22%	1.247%
8	8.345	631	635	638	rBV	431649	673744	69.97%	4.112%
9	8.836	673	678	682	rBV4	14774	40263	4.18%	0.246%
10	9.316	716	720	723	rBV	397125	596635	61.96%	3.641%
11	9.591	741	744	747	rBV	75748	120032	12.47%	0.733%
12	9.842	763	766	769	rBV3	14433	31648	3.29%	0.193%
13	10.619	832	834	840	rVB3	22826	46582	4.84%	0.284%
14	10.928	854	861	863	rBV	201431	313141	32.52%	1.911%
15	10.974	863	865	871	rVV3	26966	75984	7.89%	0.464%
16	11.122	875	878	880	rVV	15219	34330	3.57%	0.210%
17	11.179	880	883	889	rVV	106205	171363	17.80%	1.046%
18	11.374	897	900	902	rVV	30055	49797	5.17%	0.304%
19	11.785	932	936	941	rVV5	9757	35154	3.65%	0.215%
20	11.945	945	950	956	rVV4	13018	52497	5.45%	0.320%
21	12.128	962	966	969	rVV2	23304	57677	5.99%	0.352%
22	12.185	969	971	972	rVV	21969	35362	3.67%	0.216%
23	12.231	972	975	979	rVV2	34408	74194	7.71%	0.453%
24	12.322	979	983	987	rVV4	12466	32213	3.35%	0.197%
25	12.391	987	989	993	rVB	35050	54589	5.67%	0.333%
26	12.528	999	1001	1007	rBV3	14488	32829	3.41%	0.200%
27	12.642	1007	1011	1015	rVB2	151252	291036	30.22%	1.776%
28	12.848	1026	1029	1034	rVV2	23863	53262	5.53%	0.325%
29	12.962	1036	1039	1042	rVB4	21583	41071	4.27%	0.251%
30	13.282	1064	1067	1069	rBV2	19185	34514	3.58%	0.211%
31	13.522	1083	1088	1090	rVV4	21886	42745	4.44%	0.261%
32	13.580	1090	1093	1098	rVV	564396	930541	96.64%	5.679%
33	13.671	1098	1101	1105	rVV	34322	62128	6.45%	0.379%
34	14.014	1126	1131	1136	rVV	162193	288670	29.98%	1.762%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
 Data File : BF076890.D
 Acq On : 15 Jan 2015 18:33
 Operator : IZ / TP
 Sample : G1030-04
 Misc : S
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-SS-1(2-4)

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-BF011415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.117	1136	1140	1149	rVB7	27659	121854	12.65%	0.744%
36	14.311	1153	1157	1160	rVB	37175	67228	6.98%	0.410%
37	14.368	1160	1162	1168	rBV3	22462	58293	6.05%	0.356%
38	14.643	1183	1186	1191	rVB	109812	212219	22.04%	1.295%
39	14.780	1191	1198	1200	rBV3	52532	106232	11.03%	0.648%
40	15.065	1220	1223	1227	rVB	199985	302379	31.40%	1.845%
41	15.294	1239	1243	1246	rVV	162518	285491	29.65%	1.742%
42	15.408	1247	1253	1259	rVB4	13883	46270	4.81%	0.282%
43	15.500	1259	1261	1265	rBV2	17426	30326	3.15%	0.185%
44	15.717	1277	1280	1282	rVV3	20286	38375	3.99%	0.234%
45	15.831	1284	1290	1292	rBV5	13967	41857	4.35%	0.255%
46	15.877	1292	1294	1296	rVV3	27362	47162	4.90%	0.288%
47	15.923	1296	1298	1303	rVV3	27532	66961	6.95%	0.409%
48	16.003	1303	1305	1308	rVV	31750	52766	5.48%	0.322%
49	16.071	1308	1311	1314	rVB3	21091	39431	4.09%	0.241%
50	16.277	1322	1329	1332	rBV3	26435	67459	7.01%	0.412%
51	16.357	1333	1336	1339	rVV	200120	288926	30.00%	1.763%
52	16.403	1339	1340	1345	rVV4	18965	48678	5.06%	0.297%
53	16.666	1360	1363	1365	rBV	179010	209980	21.81%	1.282%
54	16.723	1365	1368	1373	rVV2	502863	772106	80.18%	4.712%
55	16.849	1376	1379	1380	rVV2	17878	33530	3.48%	0.205%
56	16.894	1381	1383	1385	rVB	24254	30751	3.19%	0.188%
57	17.180	1405	1408	1412	rBV	187231	391234	40.63%	2.388%
58	17.431	1426	1430	1432	rBV2	18000	34700	3.60%	0.212%
59	17.523	1435	1438	1440	rVB	83773	113910	11.83%	0.695%
60	17.580	1440	1443	1445	rBV	21307	37024	3.84%	0.226%
61	17.614	1445	1446	1450	rVB4	16378	31721	3.29%	0.194%
62	17.820	1461	1464	1465	rBV	211981	304038	31.57%	1.856%
63	17.854	1465	1467	1469	rVV2	170906	246241	25.57%	1.503%
64	17.900	1469	1471	1472	rVV	66642	89088	9.25%	0.544%
65	17.923	1472	1473	1477	rVB2	29706	44631	4.63%	0.272%
66	18.026	1481	1482	1484	rVB	28055	31621	3.28%	0.193%
67	18.117	1487	1490	1496	rVB4	17538	46283	4.81%	0.282%
68	18.277	1500	1504	1508	rVB	59588	114498	11.89%	0.699%
69	18.403	1512	1515	1518	rVB	22625	42550	4.42%	0.260%
70	18.460	1518	1520	1523	rBV	132052	162301	16.85%	0.991%
71	18.597	1530	1532	1534	rBV2	24251	37065	3.85%	0.226%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
 Data File : BF076890.D
 Acq On : 15 Jan 2015 18:33
 Operator : IZ / TP
 Sample : G1030-04
 Misc : S
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-SS-1(2-4)

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-BF011415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.689	1538	1540	1542	rBV2	20265	31968	3.32%	0.195%
73	18.792	1547	1549	1553	rBV2	85940	136721	14.20%	0.834%
74	19.009	1564	1568	1571	rVB	108736	139483	14.49%	0.851%
75	19.489	1607	1610	1611	rBV	156821	177166	18.40%	1.081%
76	19.523	1611	1613	1615	rVB	116714	137674	14.30%	0.840%
77	19.775	1632	1635	1637	rVV	108866	137256	14.25%	0.838%
78	19.935	1647	1649	1651	rVV	118683	144652	15.02%	0.883%
79	20.003	1652	1655	1656	rVV2	52054	82874	8.61%	0.506%
80	20.037	1656	1658	1660	rVV	833928	877851	91.16%	5.358%
81	20.449	1689	1694	1696	rBV	50460	77138	8.01%	0.471%
82	20.689	1712	1715	1717	rBV	28323	32841	3.41%	0.200%
83	20.826	1724	1727	1729	rBV	110517	131369	13.64%	0.802%
84	20.883	1729	1732	1734	rVV2	43180	62806	6.52%	0.383%
85	20.963	1737	1739	1743	rVV3	18082	39396	4.09%	0.240%
86	21.306	1765	1769	1775	rVV3	371478	716276	74.39%	4.372%
87	21.695	1800	1803	1807	rBV	26486	37796	3.93%	0.231%
88	22.083	1834	1837	1843	rVB3	21830	41505	4.31%	0.253%
89	22.460	1867	1870	1872	rBV	24808	33729	3.50%	0.206%
90	22.563	1876	1879	1884	rVV	60646	130371	13.54%	0.796%
91	22.861	1900	1905	1908	rVB2	51874	93815	9.74%	0.573%
92	22.918	1908	1910	1912	rBV	66373	72639	7.54%	0.443%
93	22.975	1913	1915	1920	rBV	193987	309151	32.11%	1.887%
94	23.203	1933	1935	1939	rVB	22937	35006	3.64%	0.214%
95	23.581	1966	1968	1970	rBV2	25132	41168	4.28%	0.251%
96	23.626	1970	1972	1974	rVV2	21049	43308	4.50%	0.264%
97	23.969	2000	2002	2004	rVV	17073	33459	3.47%	0.204%
98	24.129	2011	2016	2020	rVB2	32652	70816	7.35%	0.432%
99	24.426	2039	2042	2046	rBV	42848	70963	7.37%	0.433%
100	24.598	2054	2057	2062	rBV6	29910	76493	7.94%	0.467%

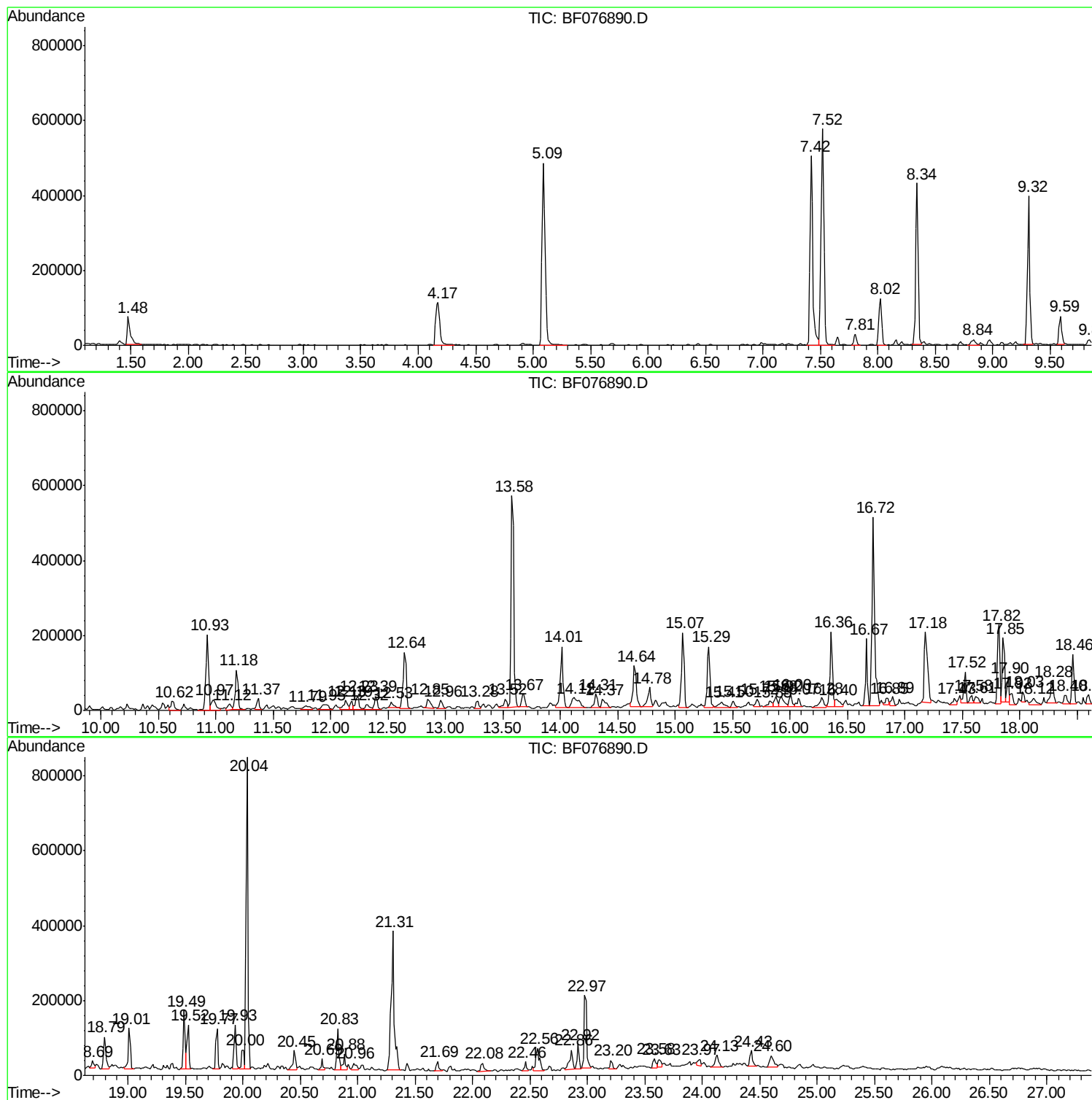
Sum of corrected areas: 16384672

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.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\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

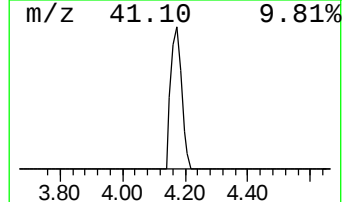
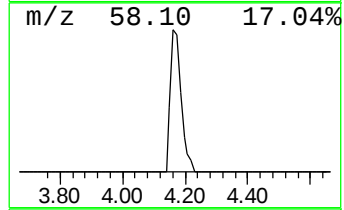
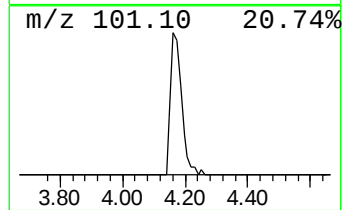
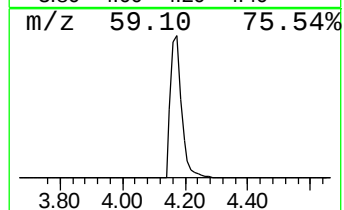
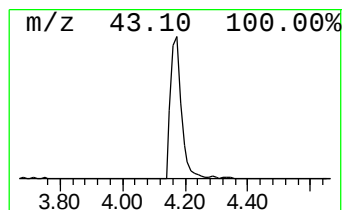
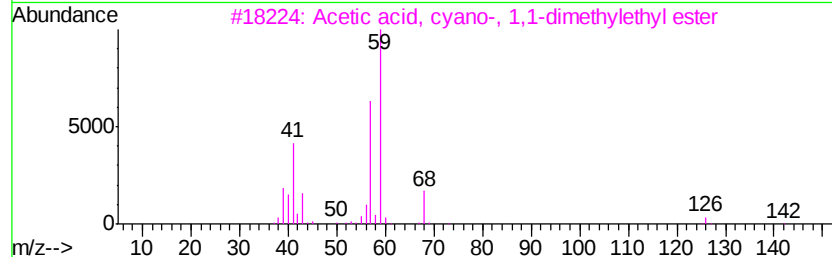
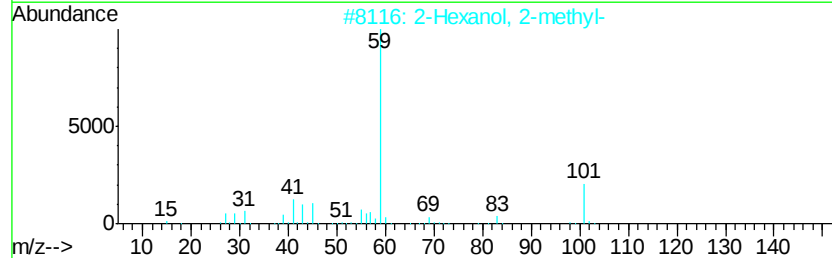
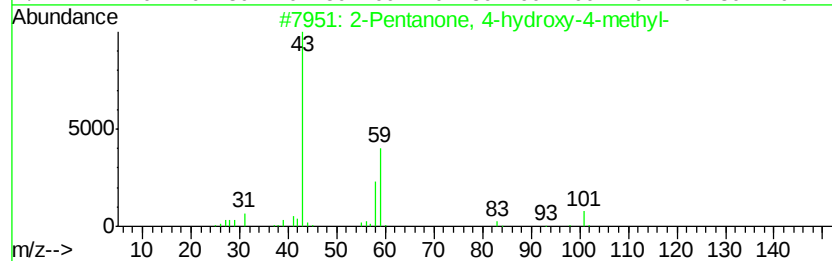
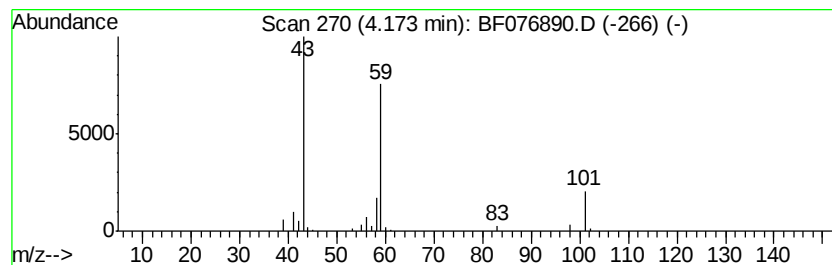
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	26.44 ng	270206	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	28
4		Acetone	58	C3H6O	000067-64-1	9
5		Guanidine	59	CH5N3	000113-00-8	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

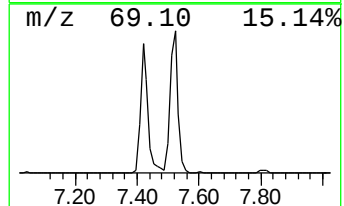
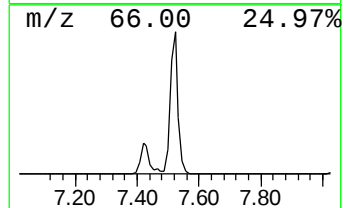
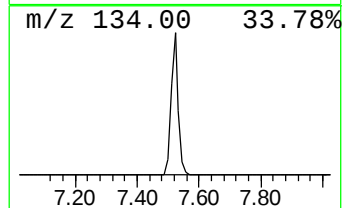
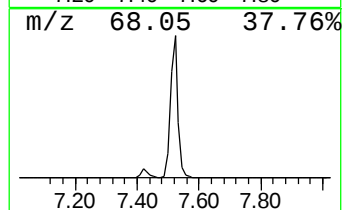
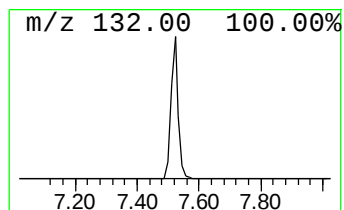
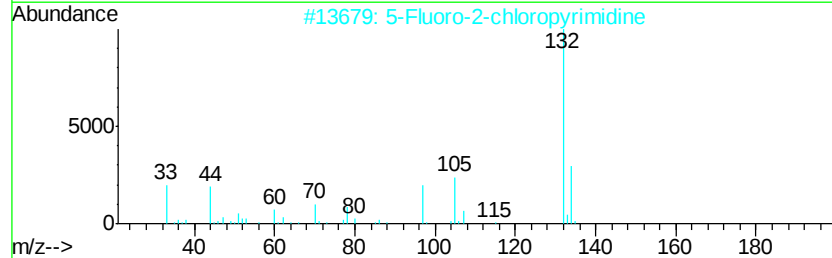
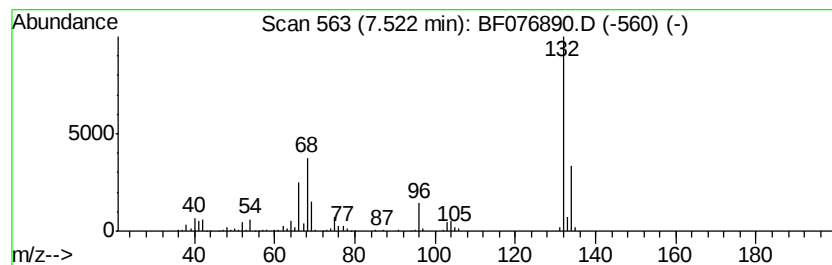
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	94.24 ng	962929	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3		Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

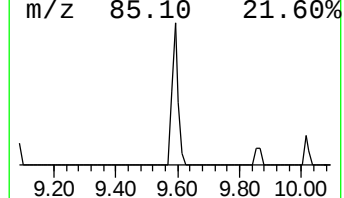
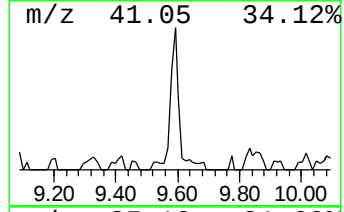
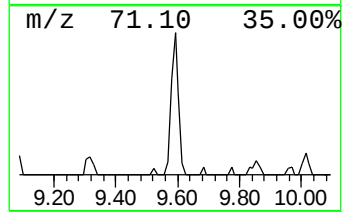
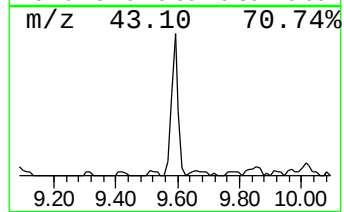
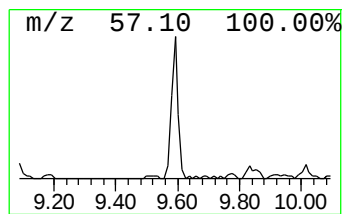
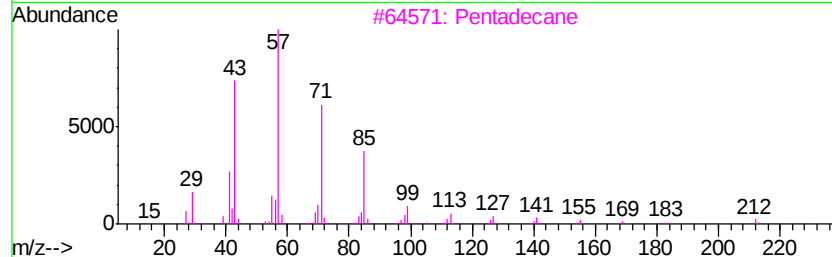
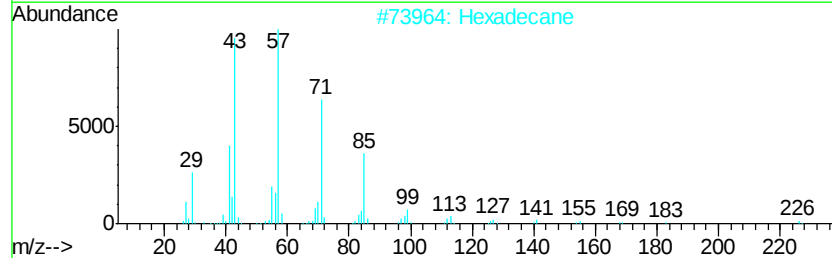
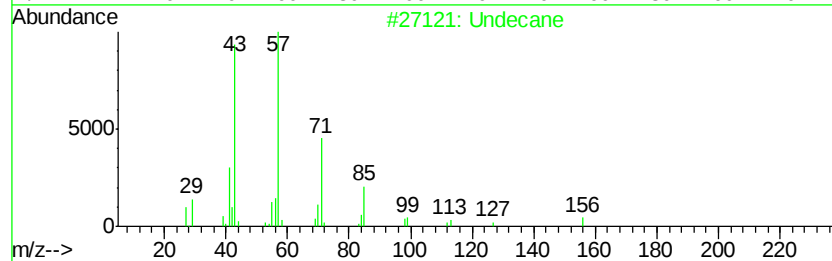
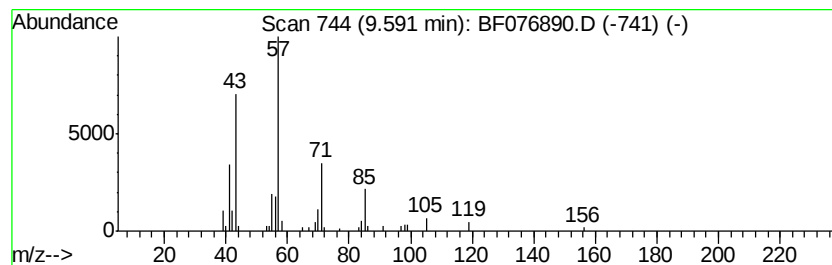
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	7.67 ng	120032	Naphthalene-d8	10.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	78
2	Hexadecane		226	C16H34	000544-76-3	64
3	Pentadecane		212	C15H32	000629-62-9	64
4	Tridecane		184	C13H28	000629-50-5	64
5	Decane		142	C10H22	000124-18-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

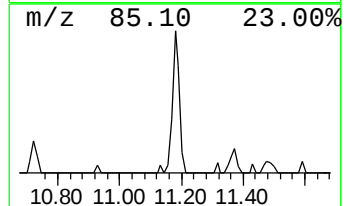
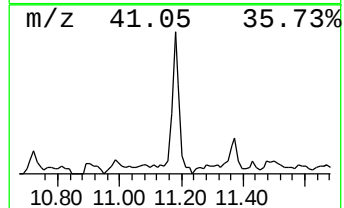
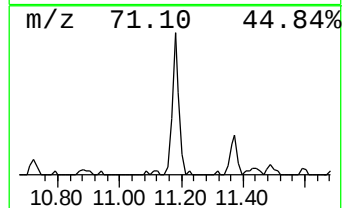
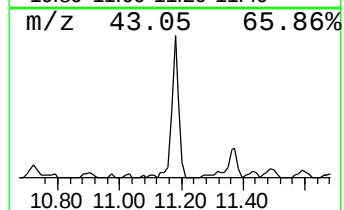
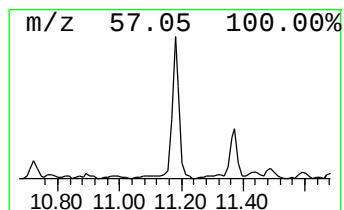
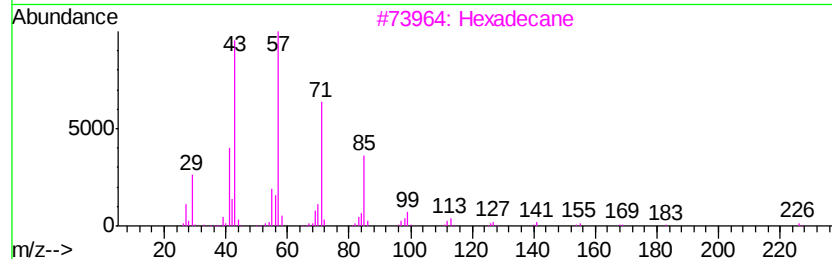
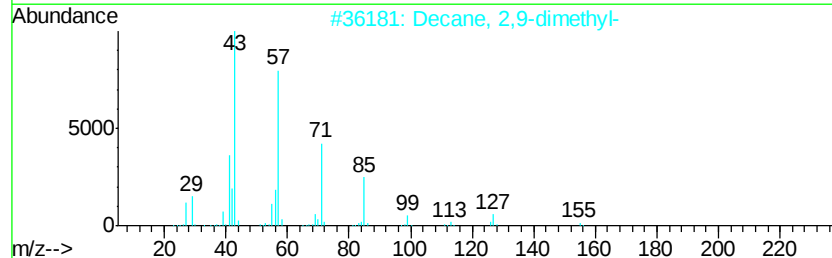
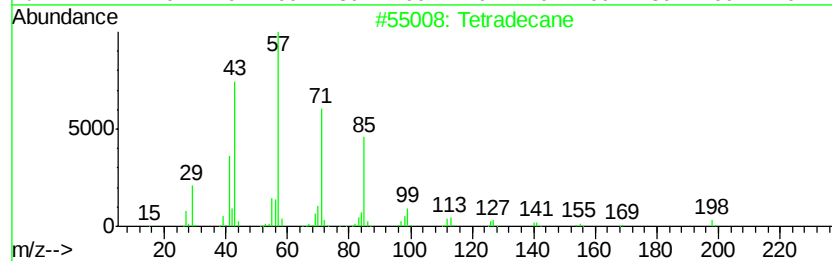
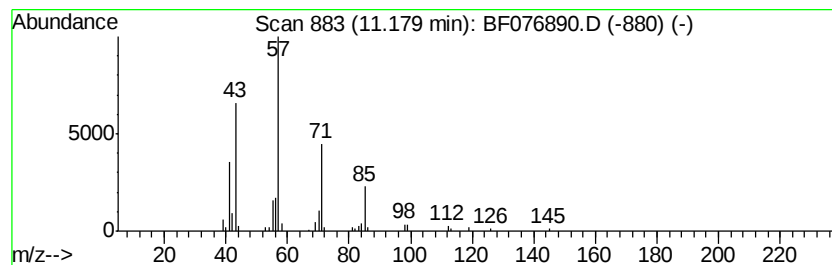
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	10.94 ng	171363	Naphthalene-d8	10.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	78
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
3		Hexadecane	226	C16H34	000544-76-3	72
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

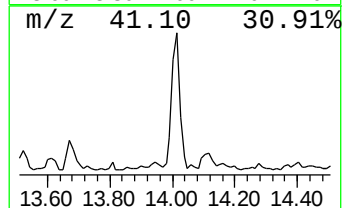
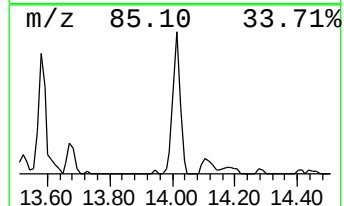
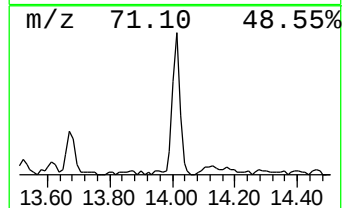
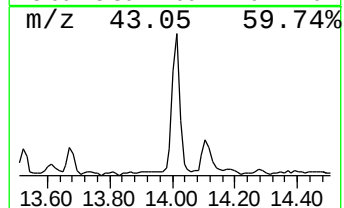
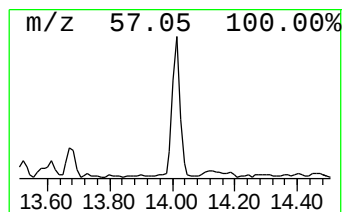
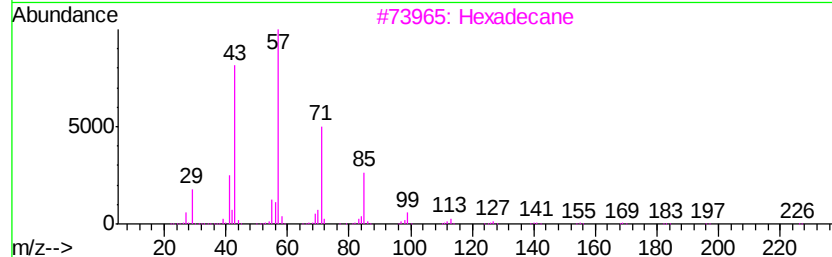
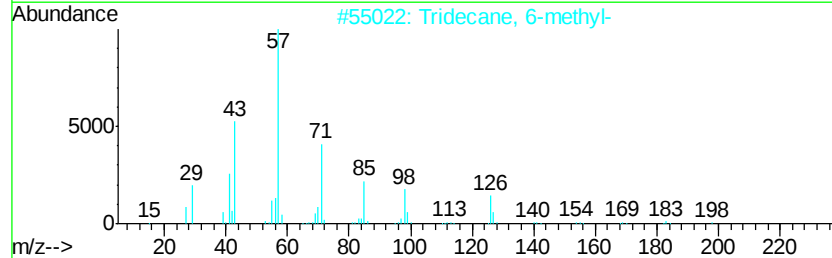
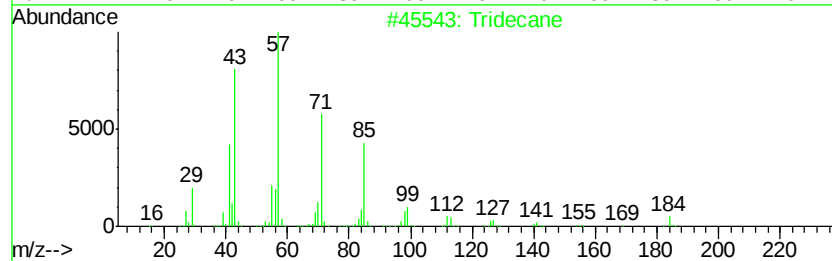
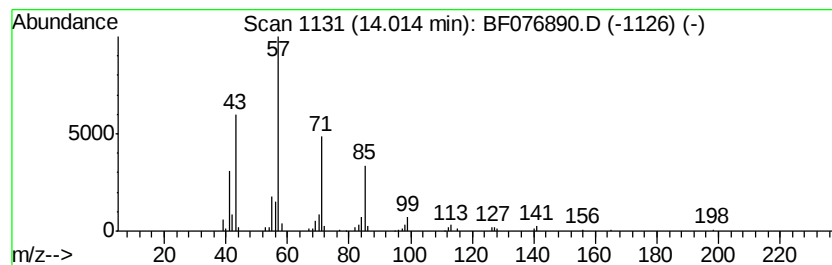
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	19.09 ng	288670	Acenaphthene-d10	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Decane, 2-methyl-	156	C11H24	006975-98-0	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

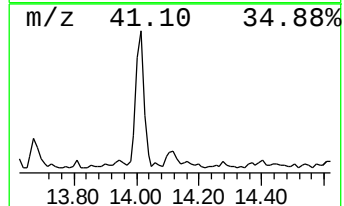
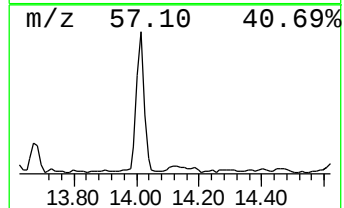
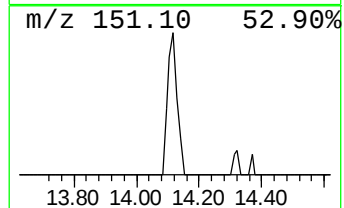
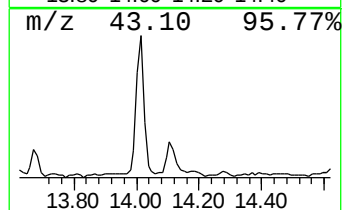
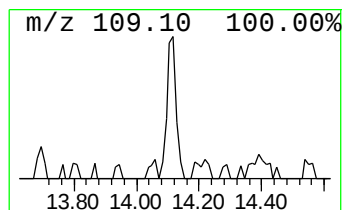
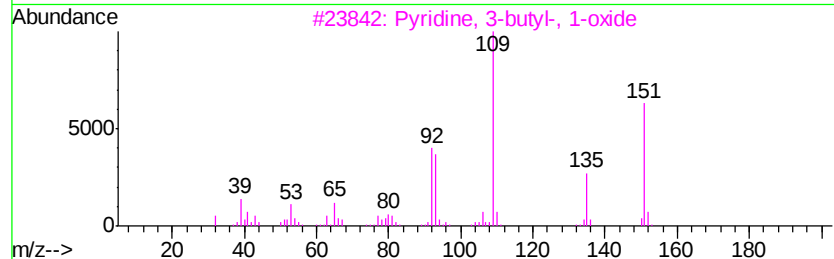
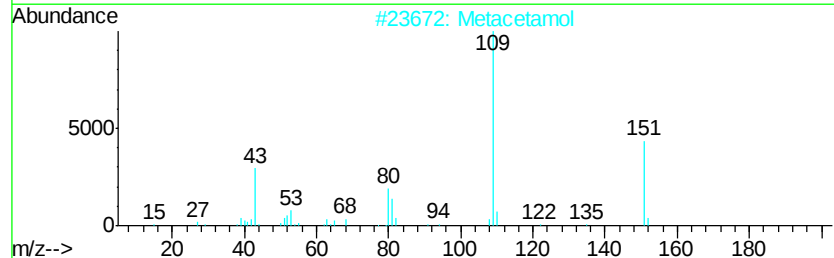
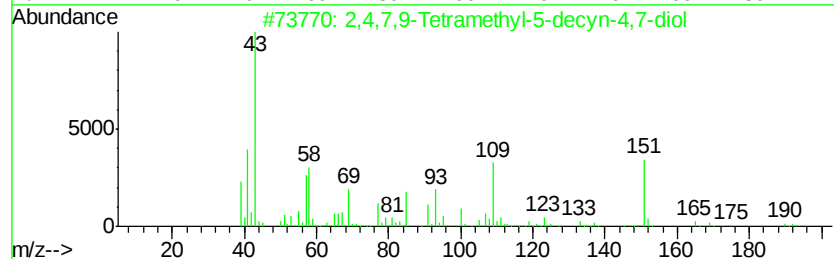
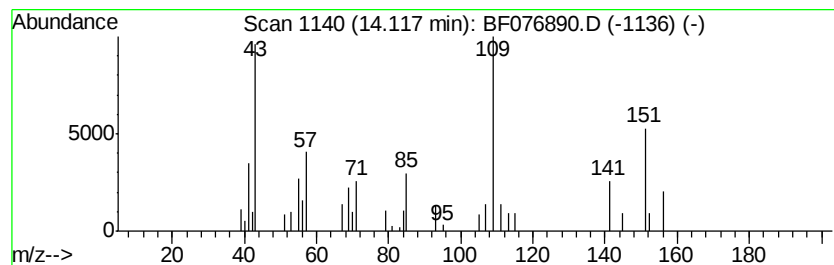
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.12 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	8.06 ng	121854	Acenaphthene-d10	15.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	37		
2	Metacetamol	151	C8H9NO2	000621-42-1	25		
3	Pvridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	25		
4	trans-2-Caren-4-ol	152	C10H16O	004017-82-7	16		
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	12		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

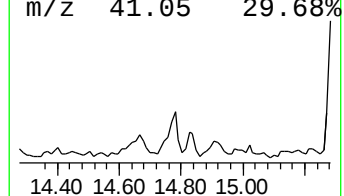
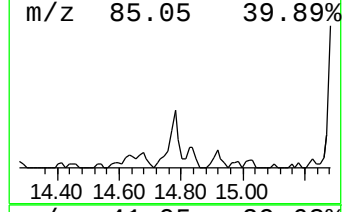
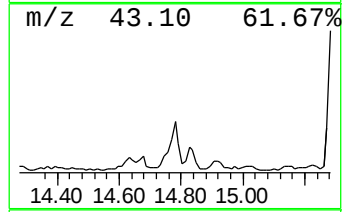
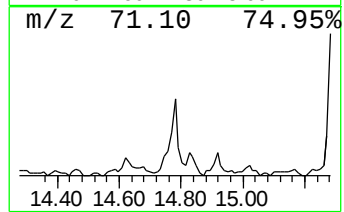
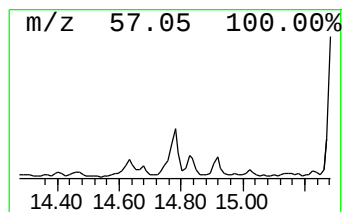
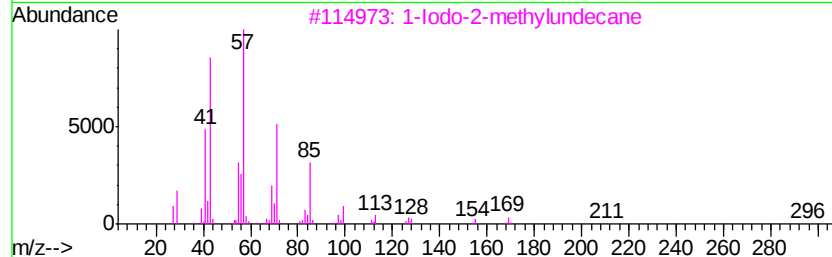
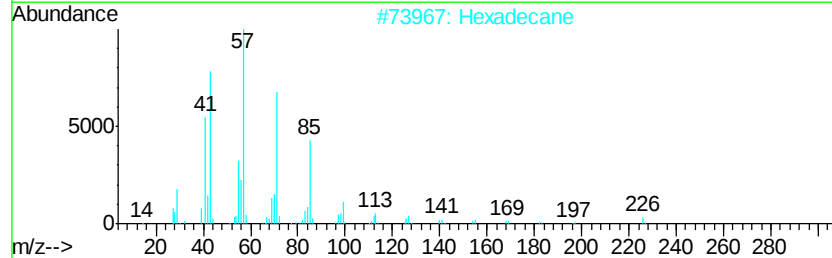
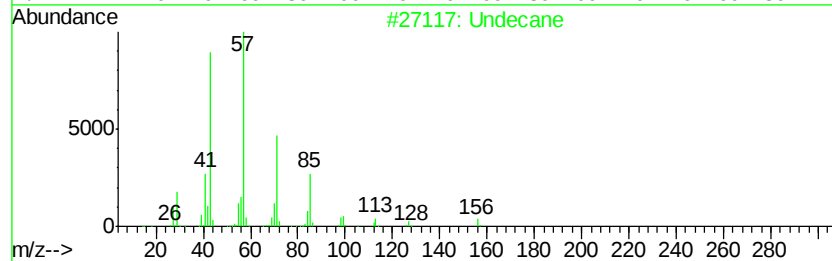
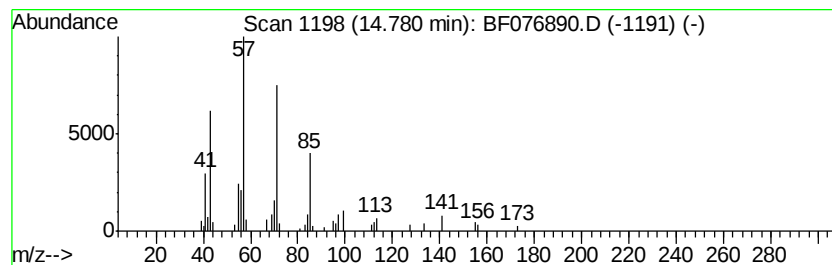
Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Iodo-2-methylundecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.78	7.03 ng	106232	Acenaphthene-d10		15.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
4	Pentadecane	212	C15H32	000629-62-9	72
5	Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

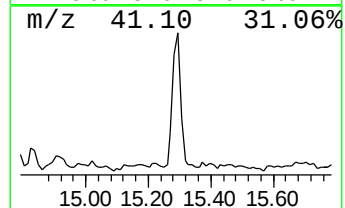
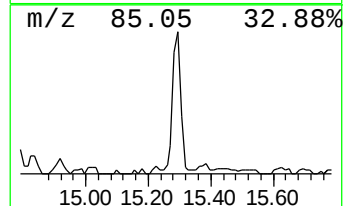
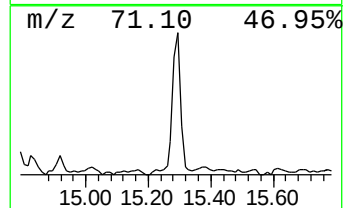
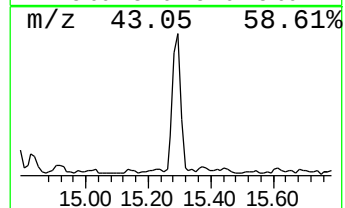
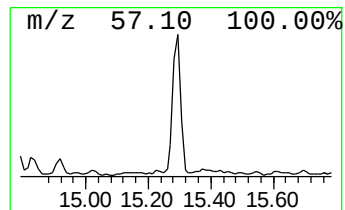
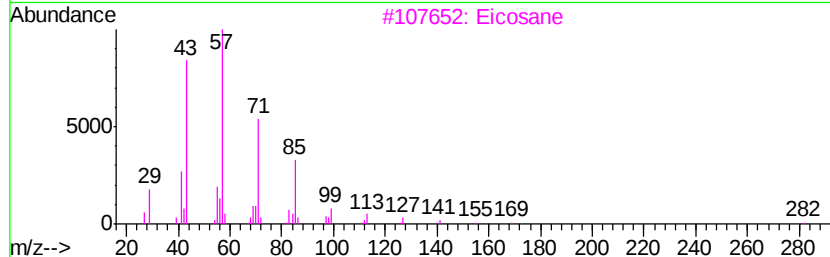
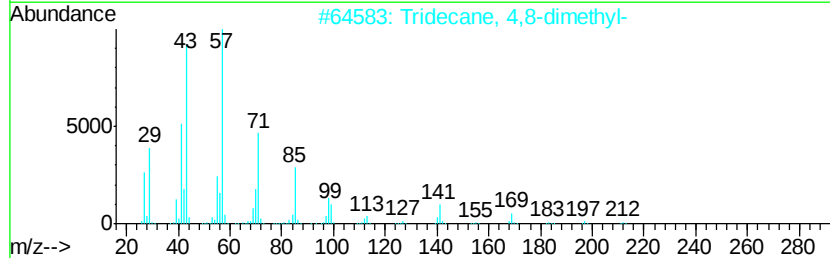
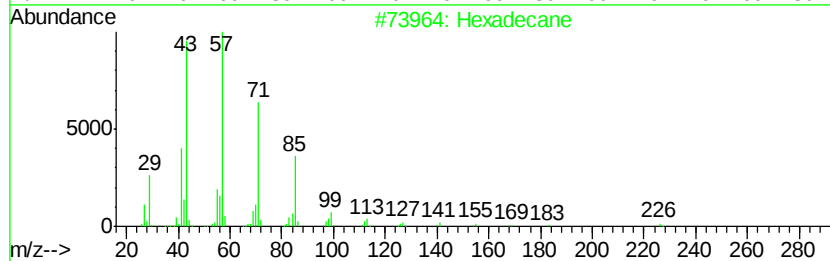
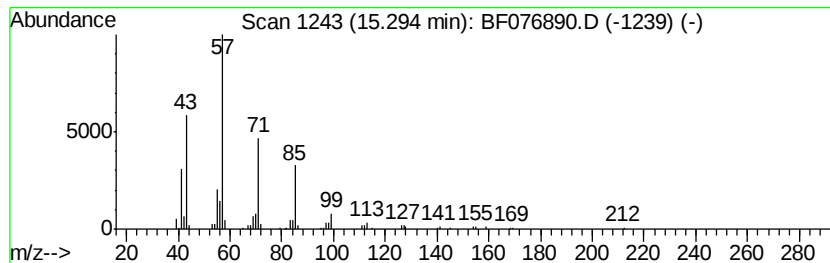
Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.29	18.88 ng	285491	Acenaphthene-d10	15.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

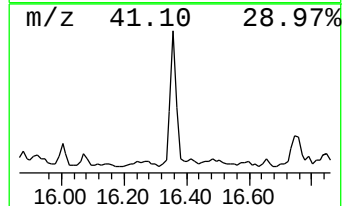
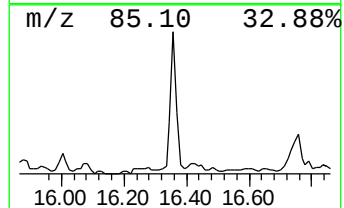
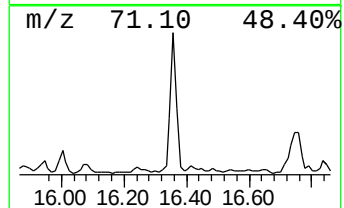
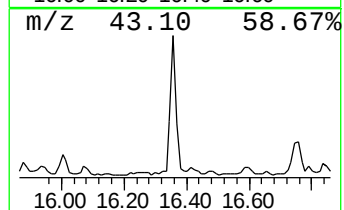
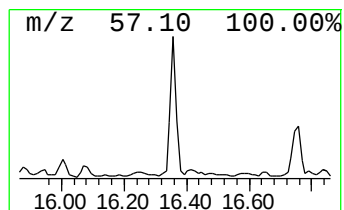
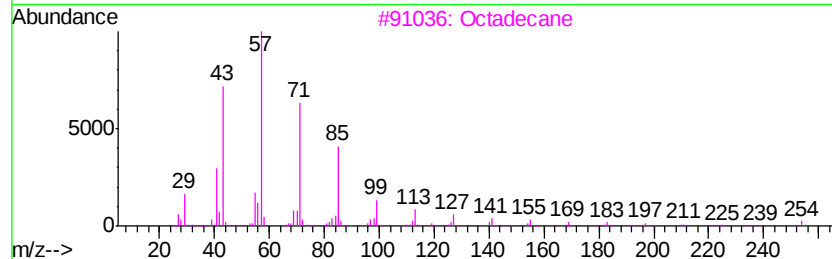
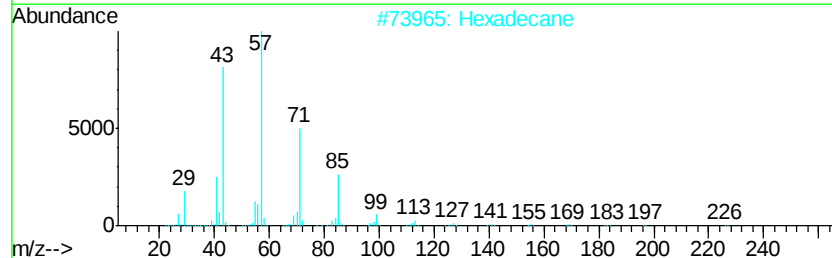
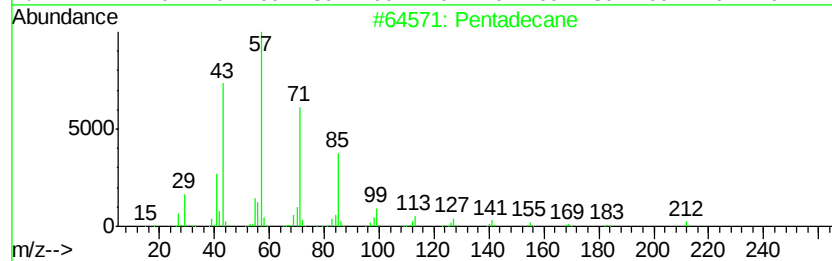
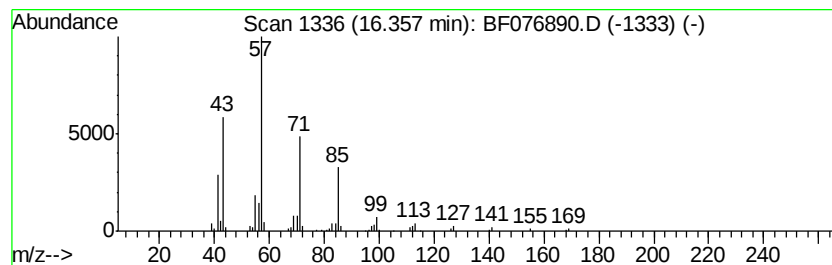
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	19.11 ng	288926	Acenaphthene-d10	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

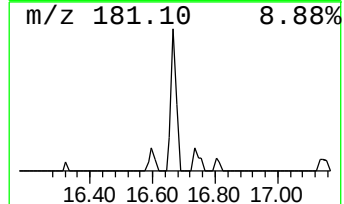
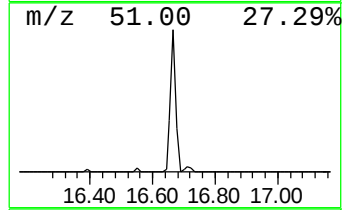
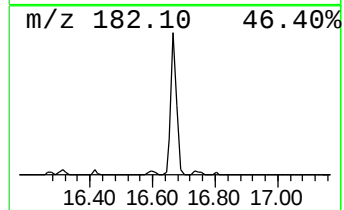
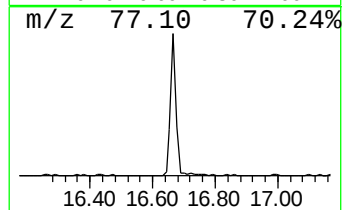
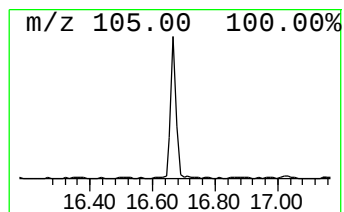
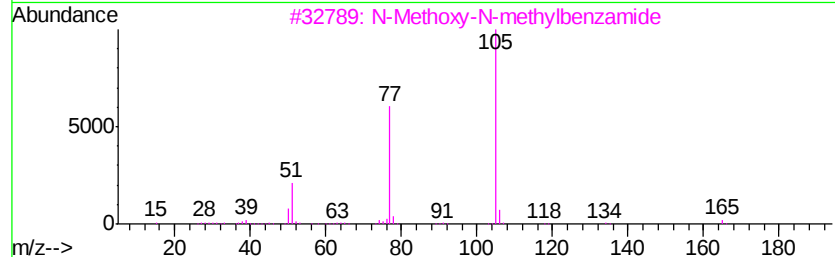
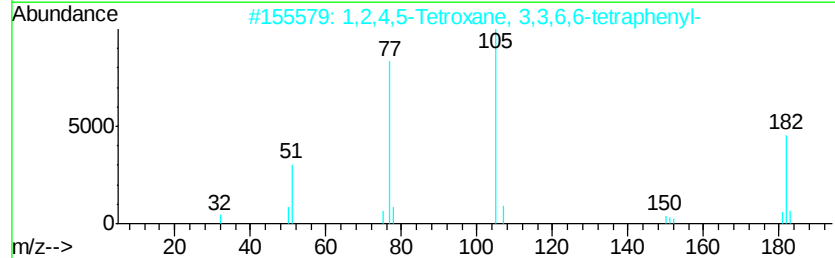
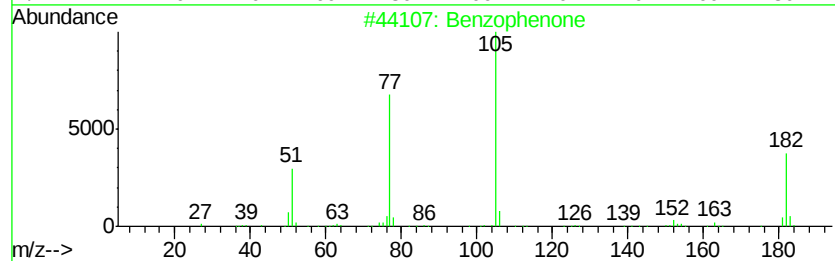
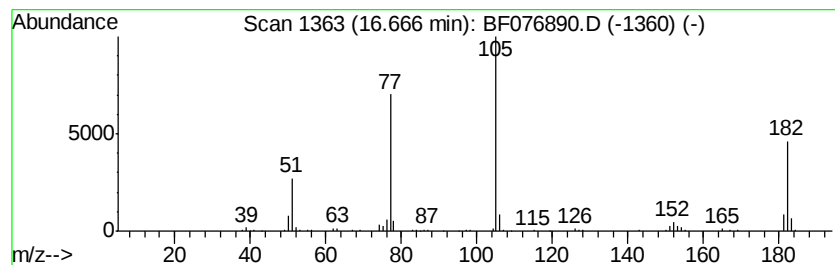
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	13.81 ng	209980	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	97
2		1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3		N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	53
4		N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
5		1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

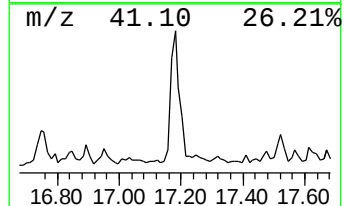
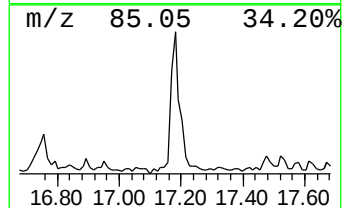
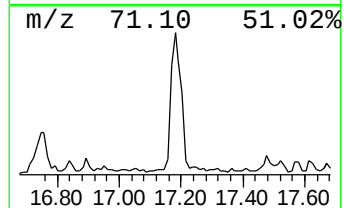
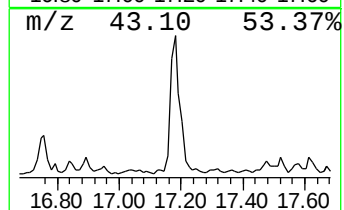
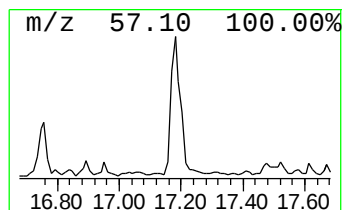
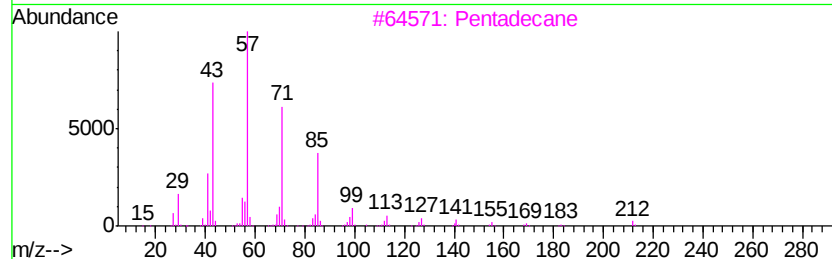
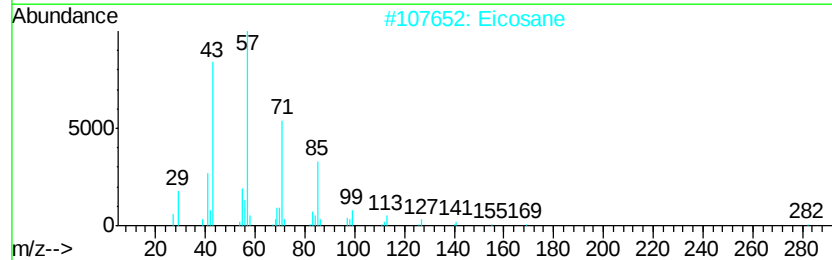
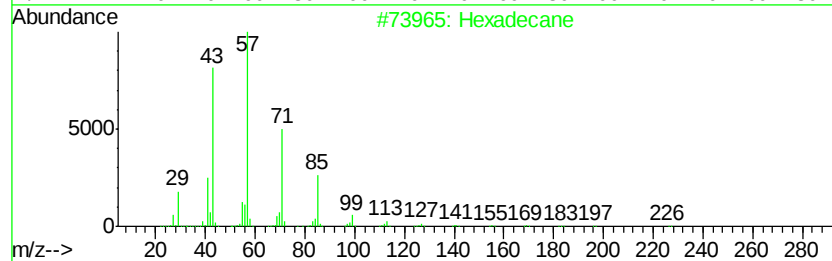
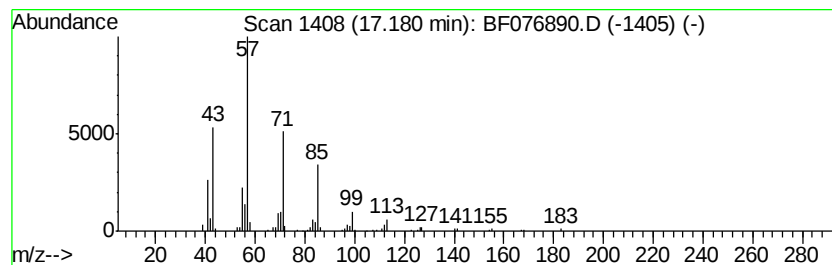
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	25.74 ng	391234	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Eicosane	282	C20H42	000112-95-8	86
3		Pentadecane	212	C15H32	000629-62-9	78
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

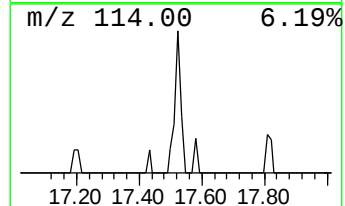
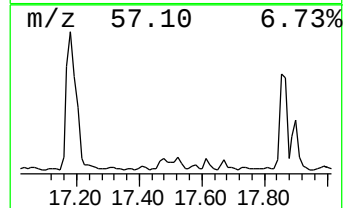
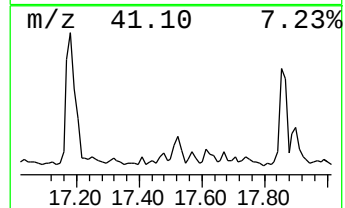
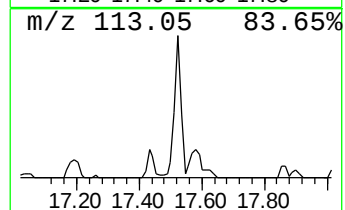
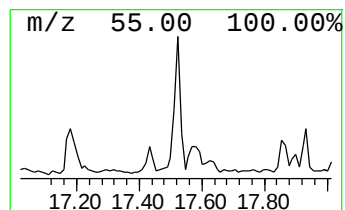
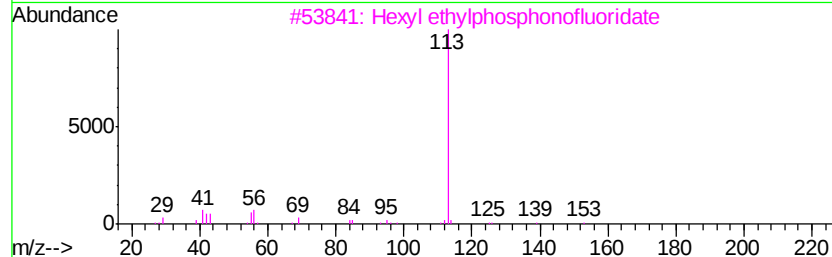
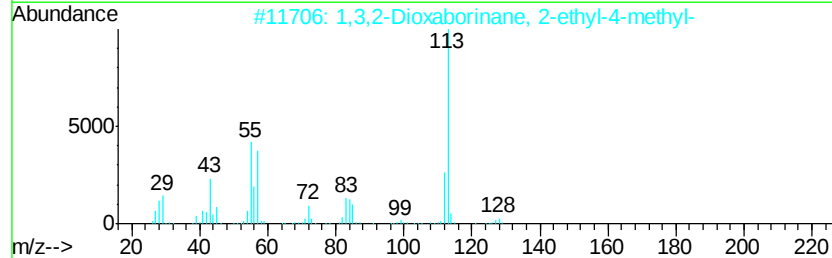
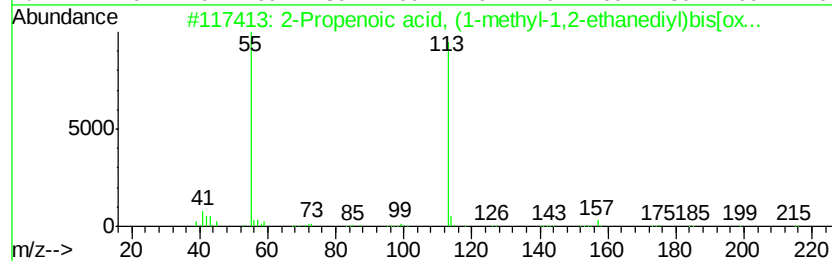
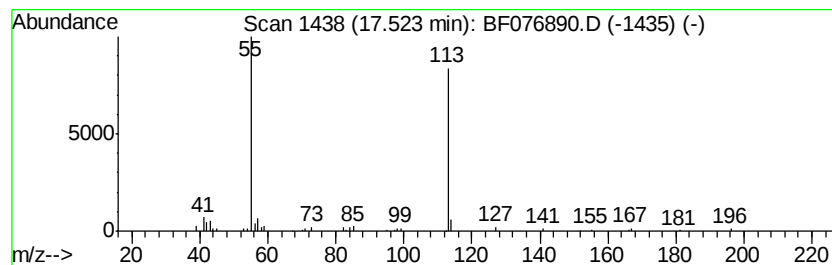
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Propenoic acid, (1-methyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	7.49 ng	113910	Phenanthrene-d10	17.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	72
2			1,3,2-Dioxaborinane, 2-ethyl-4-m...	128	C6H13B02	057633-65-5	56
3			Hexyl ethylphosphonofluoridate	196	C8H18F02P	135445-19-1	45
4			Heptyl ethylphosphonofluoridate	210	C9H20F02P	162085-85-0	42
5			1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

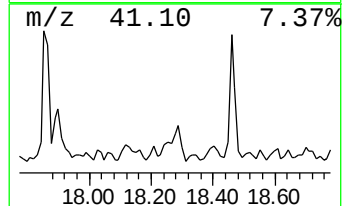
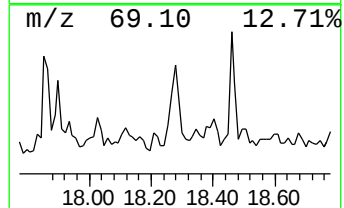
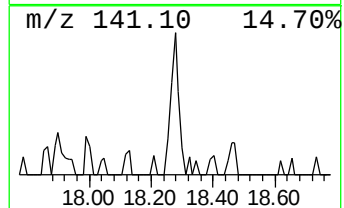
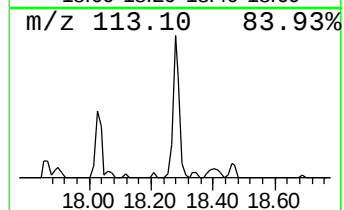
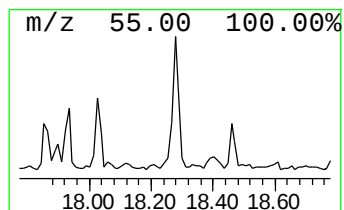
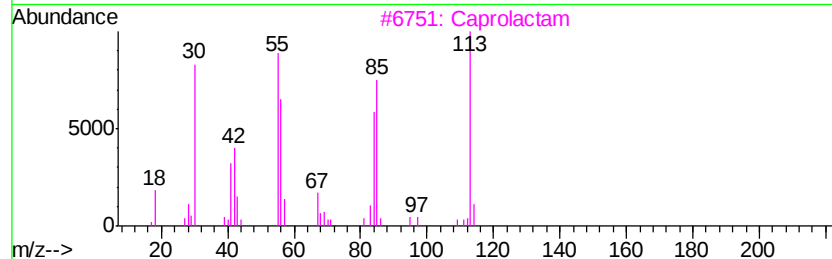
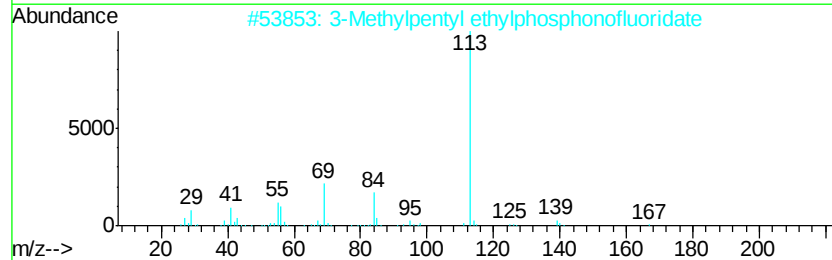
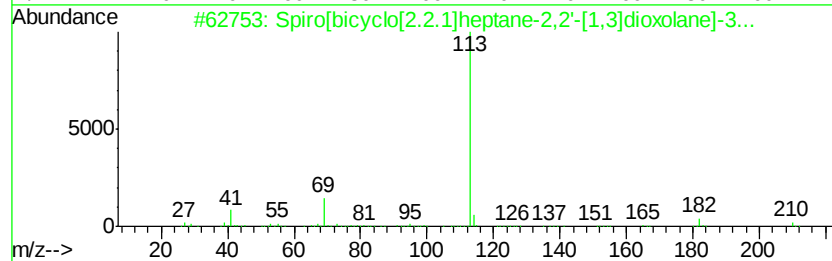
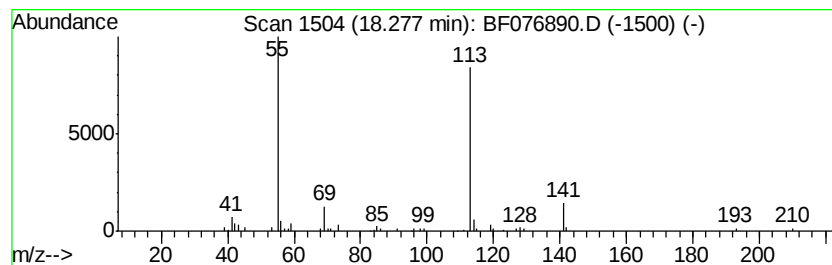
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Spiro[bicyclo[2.2.1]heptane... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	7.53 ng	114498	Phenanthrene-d10	17.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Spiro[bicvclo[2.2.1]heptane-2,2'...	210	C12H18O3	018501-56-9	53
2			3-Methylpentyl ethylphosphonoflu...	196	C8H18F02P	1000298-39-1	53
3			Caprolactam	113	C6H11NO	000105-60-2	45
4			2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	45
5			2-Propenoic acid, 2-methyl-, oxy...	330	C16H26O7	000109-17-1	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

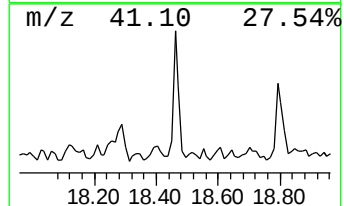
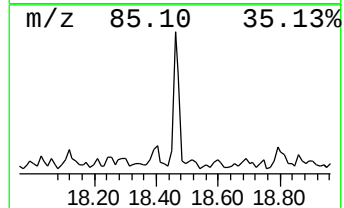
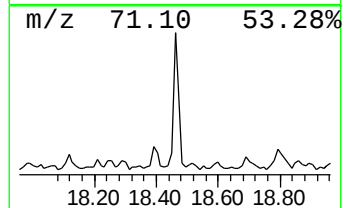
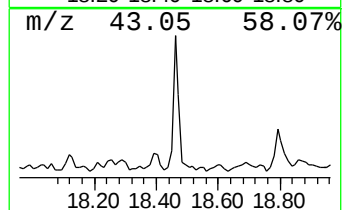
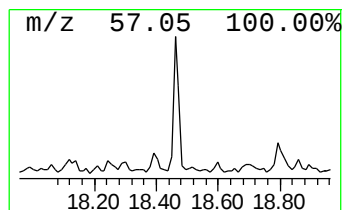
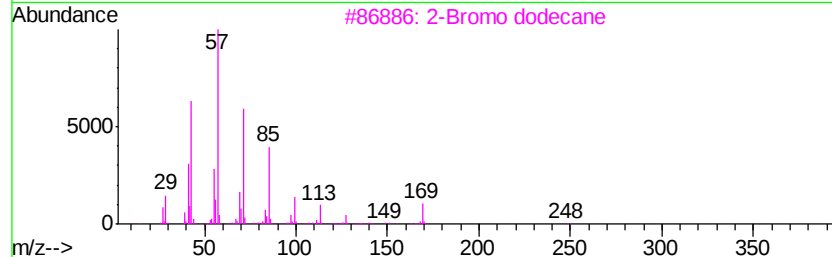
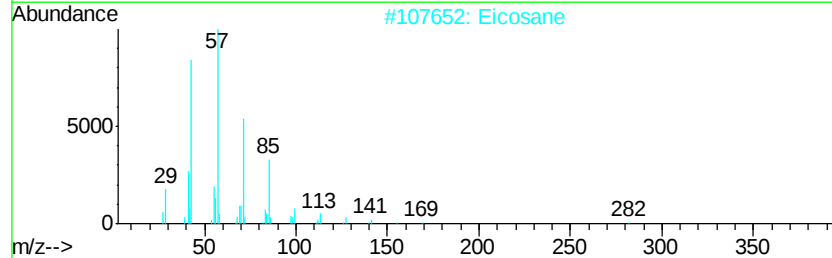
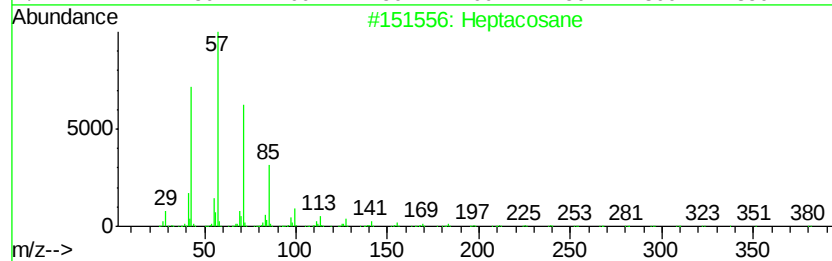
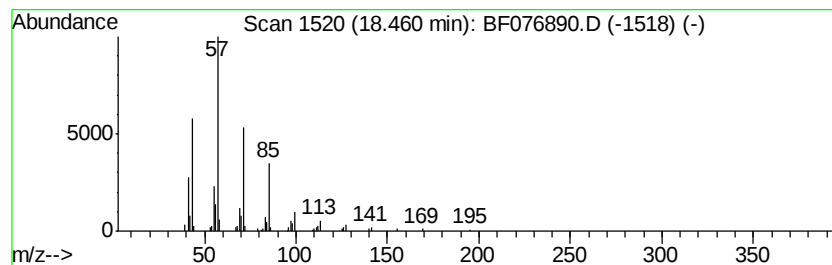
Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.46	10.68 ng	162301	Phenanthrene-d10		17.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

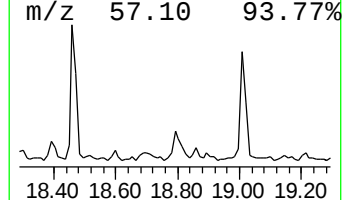
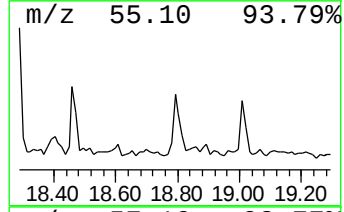
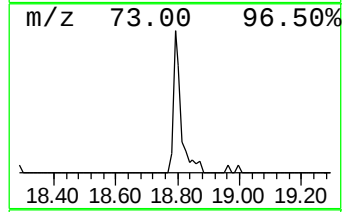
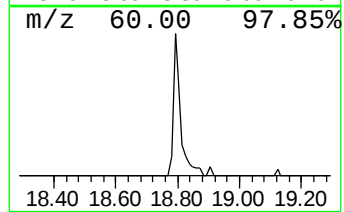
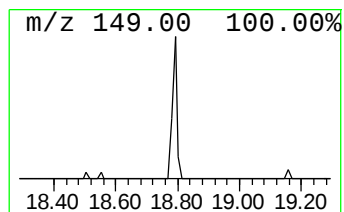
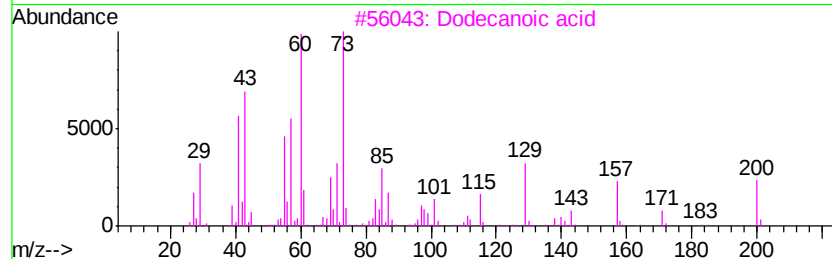
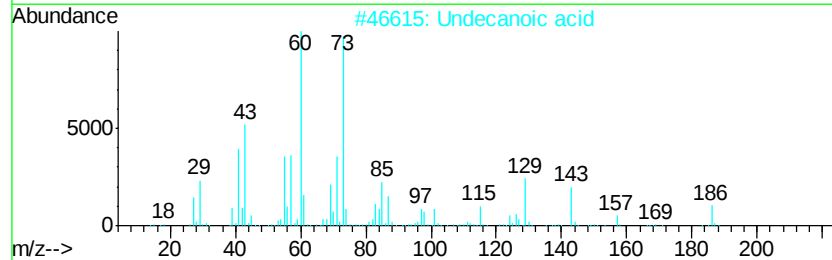
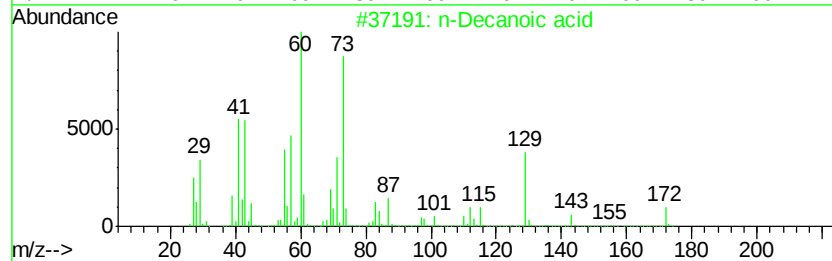
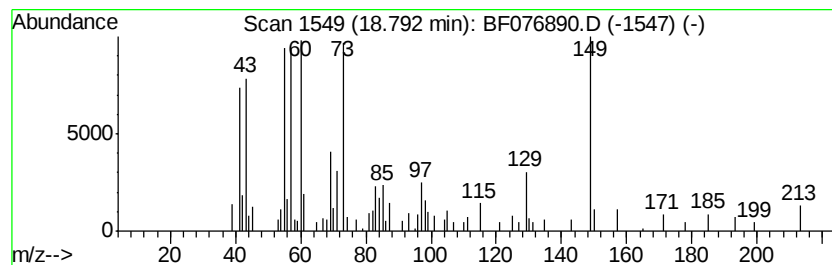
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown18.79 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	8.99 ng	136721	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Decanoic acid	172	C10H20O2	000334-48-5	38
2		Undecanoic acid	186	C11H22O2	000112-37-8	38
3		Dodecanoic acid	200	C12H24O2	000143-07-7	38
4		Nonanoic acid	158	C9H18O2	000112-05-0	27
5		11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

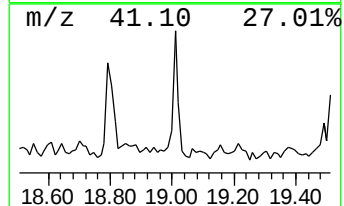
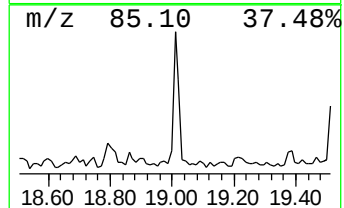
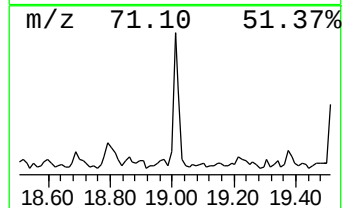
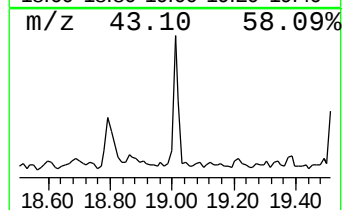
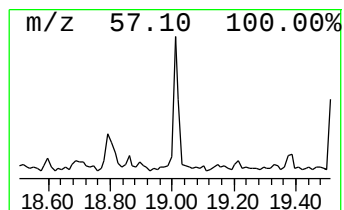
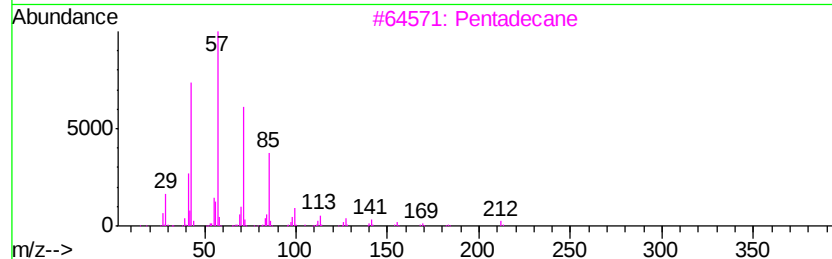
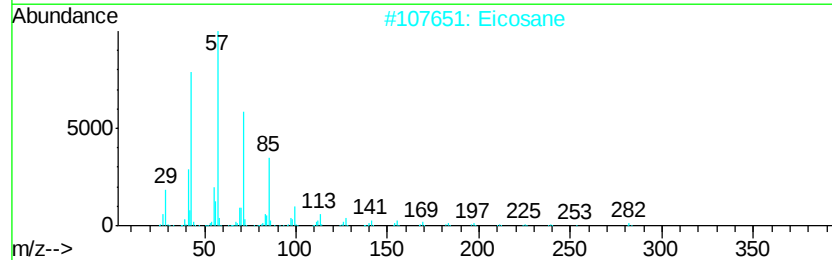
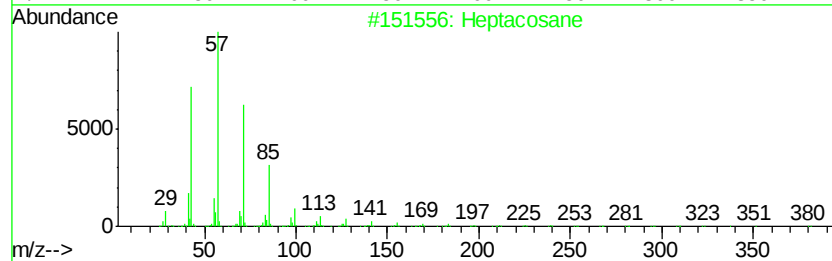
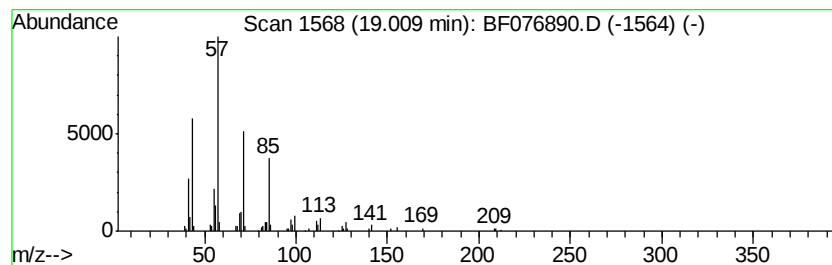
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	9.18 ng	139483	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Eicosane	282	C20H42	000112-95-8	83
3		Pentadecane	212	C15H32	000629-62-9	83
4		Octacosane	394	C28H58	000630-02-4	83
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

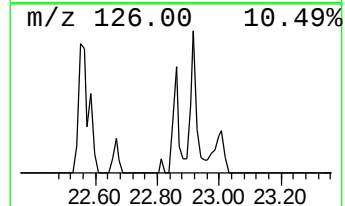
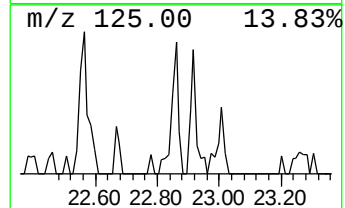
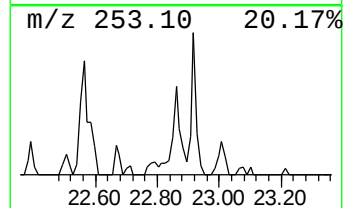
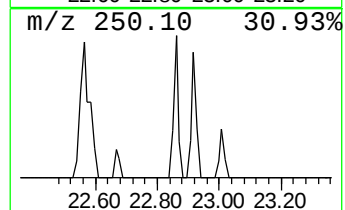
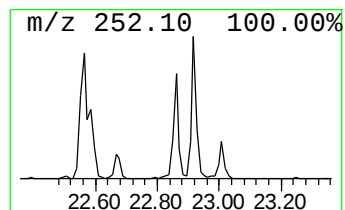
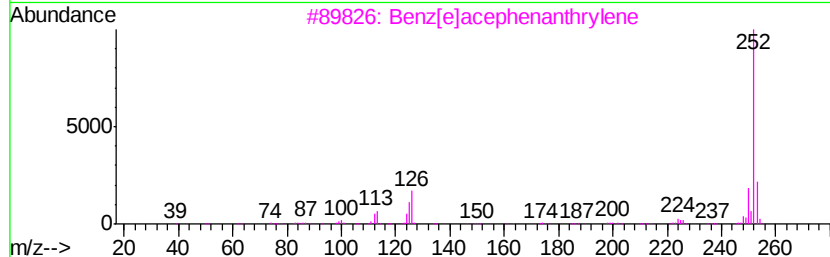
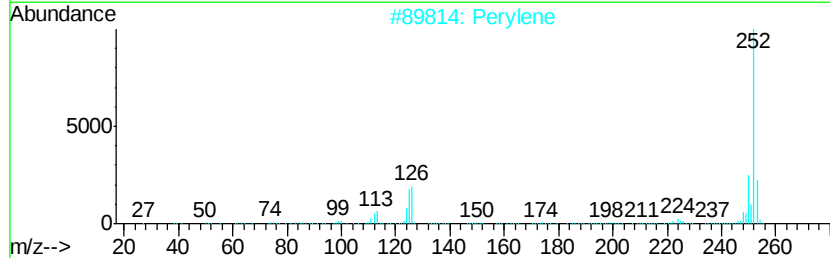
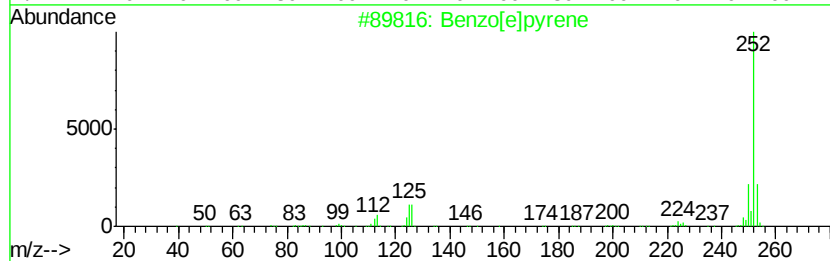
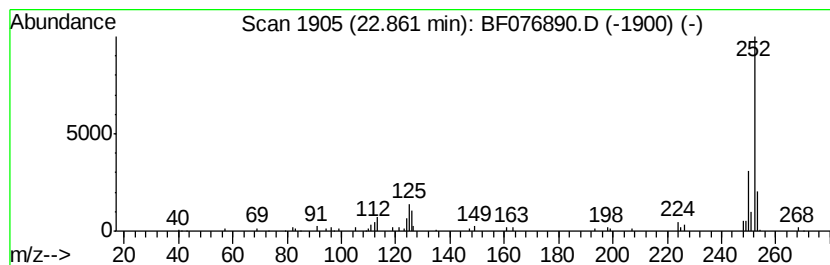
Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.86	6.07 ng	93815	Perylene-d12	22.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076890.D
Acq On : 15 Jan 2015 18:33
Operator : IZ / TP
Sample : G1030-04
Misc : S
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-1(2-4)

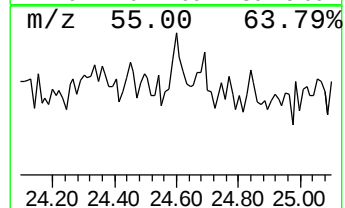
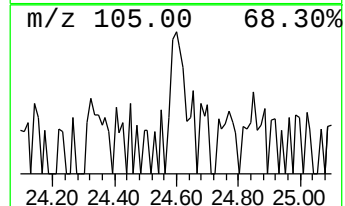
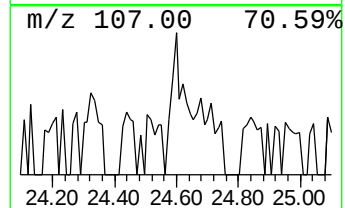
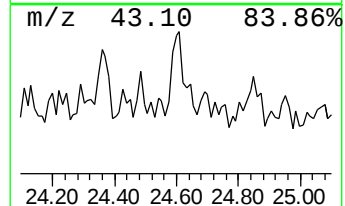
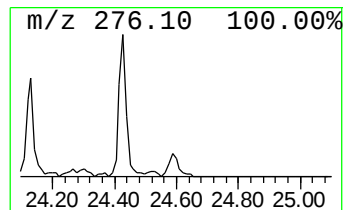
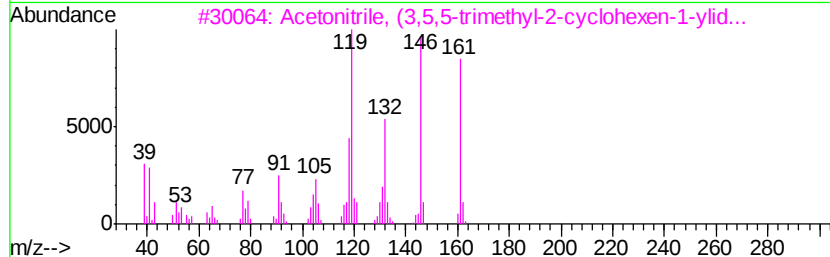
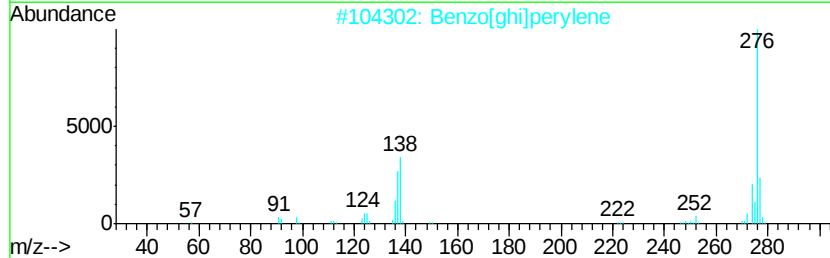
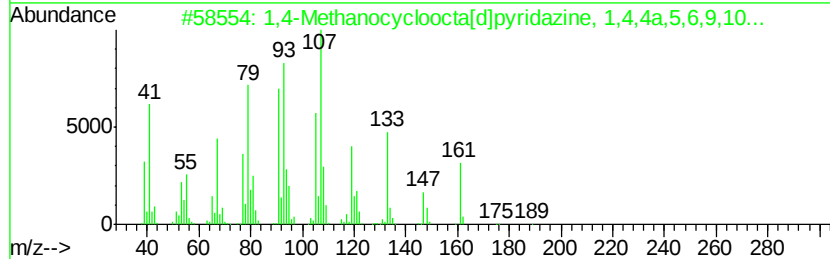
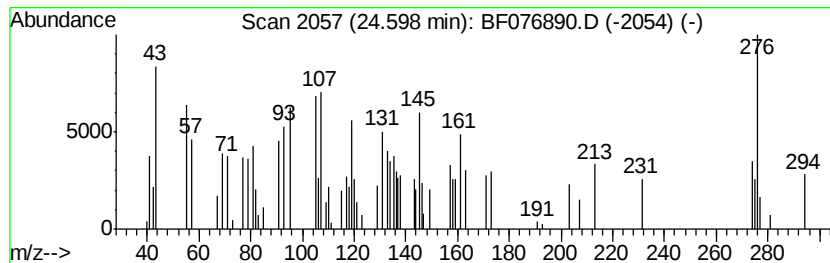
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown24.60 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	4.95 ng	76493	Perylene-d12	22.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanocycloocta[d]pyridazin...	204	C13H20N2	1000221-85-9	12
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	11
3		Acetonitrile, (3,5,5-trimethyl-2...	161	C11H15N	069697-21-8	10
4		Benzimidazole, 6-nitro-2-(1H-1,2...	276	C10H8N6O2S	347341-85-9	10
5		Quinoline, 4-(p-nitrostyryl)-	276	C17H12N2O2	004594-97-2	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
 Data File : BF076890.D
 Acq On : 15 Jan 2015 18:33
 Operator : IZ / TP
 Sample : G1030-04
 Misc : S
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-SS-1(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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...	4.17	26.4	ng	270206	1	8.02	204360	20.0
unknown7.52	7.52	94.2	ng	962929	1	8.02	204360	20.0
Undecane	9.59	7.7	ng	120032	2	10.93	313141	20.0
Tetradecane	11.18	10.9	ng	171363	2	10.93	313141	20.0
Tridecane, 6-methyl-	14.01	19.1	ng	288670	3	15.07	302379	20.0
unknown14.12	14.12	8.1	ng	121854	3	15.07	302379	20.0
1-Iodo-2-methylun...	14.78	7.0	ng	106232	3	15.07	302379	20.0
Hexadecane	15.29	18.9	ng	285491	3	15.07	302379	20.0
Tridecane	16.36	19.1	ng	288926	3	15.07	302379	20.0
Benzophenone	16.67	13.8	ng	209980	4	17.82	304038	20.0
Eicosane	17.18	25.7	ng	391234	4	17.82	304038	20.0
2-Propenoic acid,...	17.52	7.5	ng	113910	4	17.82	304038	20.0
Spiro[bicyclo[2.2...	18.28	7.5	ng	114498	4	17.82	304038	20.0
Heptacosane	18.46	10.7	ng	162301	4	17.82	304038	20.0
unknown18.79	18.79	9.0	ng	136721	4	17.82	304038	20.0
Pentadecane	19.01	9.2	ng	139483	4	17.82	304038	20.0
Benzo[e]pyrene	22.86	6.1	ng	93815	6	22.99	309151	20.0
unknown24.60	24.60	5.0	ng	76493	6	22.99	309151	20.0