

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111117\
 Data File : BF100430.D
 Acq On : 11 Nov 2017 10:33
 Operator : SJ/JU
 Sample : I6368-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

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-BF110817.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	3.975	312	321	325	rBV3	51800	97440	2.53%	0.178%
2	4.257	360	369	374	rBV	82696	128535	3.34%	0.235%
3	4.563	416	421	429	rVB2	284647	396235	10.30%	0.724%
4	5.051	496	504	506	rBV5	83001	162813	4.23%	0.298%
5	5.081	506	509	512	rVB	146312	152643	3.97%	0.279%
6	5.134	512	518	521	rBV	2069132	2898662	75.34%	5.298%
7	5.328	546	551	554	rBV2	135854	163920	4.26%	0.300%
8	5.404	560	564	566	rBV	89215	88474	2.30%	0.162%
9	5.428	566	568	571	rVB	100050	82557	2.15%	0.151%
10	5.516	578	583	586	rVB	1315375	1206617	31.36%	2.205%
11	5.728	616	619	621	rVV	83808	77250	2.01%	0.141%
12	5.810	630	633	637	rVV	346938	324243	8.43%	0.593%
13	6.157	685	692	698	rBV3	94982	175615	4.56%	0.321%
14	6.528	749	755	759	rVB	2789022	3137920	81.56%	5.735%
15	6.669	775	779	782	rVB	2388805	2080826	54.08%	3.803%
16	6.734	786	790	793	rBV2	264921	273713	7.11%	0.500%
17	6.904	815	819	822	rVB	1198076	1115826	29.00%	2.039%
18	7.057	841	845	848	rBV	2895488	2559253	66.52%	4.677%
19	7.298	879	886	889	rBV5	52839	88617	2.30%	0.162%
20	7.463	909	914	917	rBV	2286075	2181187	56.69%	3.986%
21	7.492	917	919	923	rVB	315322	240022	6.24%	0.439%
22	7.922	990	992	995	rVB2	72174	72435	1.88%	0.132%
23	8.081	1016	1019	1022	rVB3	112973	113110	2.94%	0.207%
24	8.157	1029	1032	1034	rVV	323609	301854	7.85%	0.552%
25	8.181	1034	1036	1038	rVV	1584995	1380039	35.87%	2.522%
26	8.204	1038	1040	1043	rVV	488750	371013	9.64%	0.678%
27	8.239	1043	1046	1049	rVB	218303	177456	4.61%	0.324%
28	8.633	1109	1113	1117	rVB	95597	101214	2.63%	0.185%
29	8.733	1124	1130	1133	rBV	363820	325502	8.46%	0.595%
30	8.769	1133	1136	1138	rBV	311071	240909	6.26%	0.440%
31	8.892	1154	1157	1160	rVB	484611	393424	10.23%	0.719%
32	8.992	1170	1174	1178	rBV	393148	330882	8.60%	0.605%
33	9.257	1214	1219	1222	rBV	3869631	3497289	90.90%	6.392%
34	9.333	1229	1232	1234	rBV	292479	247907	6.44%	0.453%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111117\
 Data File : BF100430.D
 Acq On : 11 Nov 2017 10:33
 Operator : SJ/JU
 Sample : I6368-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

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-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.357	1234	1236	1240	rVB	111161	87799	2.28%	0.160%
36	9.451	1250	1252	1257	rVB	113949	127985	3.33%	0.234%
37	9.522	1260	1264	1267	rBV	184874	244045	6.34%	0.446%
38	9.592	1267	1276	1279	rBV	339155	378756	9.84%	0.692%
39	9.622	1279	1281	1283	rVV	193371	149298	3.88%	0.273%
40	9.645	1283	1285	1289	rVB	553245	510837	13.28%	0.934%
41	9.686	1289	1292	1294	rBV2	132332	109502	2.85%	0.200%
42	9.710	1294	1296	1298	rBV	177246	135473	3.52%	0.248%
43	9.792	1308	1310	1314	rVB	114270	108495	2.82%	0.198%
44	9.863	1317	1322	1325	rVB	237585	202670	5.27%	0.370%
45	9.916	1329	1331	1332	rVV	107572	93582	2.43%	0.171%
46	9.939	1332	1335	1338	rVV	1708817	1480062	38.47%	2.705%
47	9.969	1338	1340	1343	rVV	345926	280492	7.29%	0.513%
48	10.039	1348	1352	1356	rBV2	105231	138923	3.61%	0.254%
49	10.139	1363	1369	1373	rVB2	243743	301942	7.85%	0.552%
50	10.175	1373	1375	1380	rBV2	126657	121146	3.15%	0.221%
51	10.251	1385	1388	1391	rBV	125696	128510	3.34%	0.235%
52	10.339	1399	1403	1405	rBV3	95273	129531	3.37%	0.237%
53	10.363	1405	1407	1409	rVB	245615	177805	4.62%	0.325%
54	10.480	1424	1427	1433	rBV2	253423	259259	6.74%	0.474%
55	10.551	1434	1439	1440	rVV3	70391	93283	2.42%	0.170%
56	10.569	1440	1442	1449	rVV6	98447	184746	4.80%	0.338%
57	10.645	1451	1455	1459	rVB	970053	913630	23.75%	1.670%
58	10.722	1465	1468	1473	rVB2	451845	384691	10.00%	0.703%
59	10.851	1484	1490	1493	rBV3	289495	394894	10.26%	0.722%
60	10.904	1496	1499	1501	rBV	300107	283992	7.38%	0.519%
61	10.933	1501	1504	1507	rVV2	259278	334952	8.71%	0.612%
62	10.969	1507	1510	1512	rVV	322591	277519	7.21%	0.507%
63	10.992	1512	1514	1516	rVV	192980	161045	4.19%	0.294%
64	11.027	1516	1520	1523	rVV2	294929	426664	11.09%	0.780%
65	11.080	1526	1529	1533	rVV3	324122	407186	10.58%	0.744%
66	11.116	1533	1535	1538	rVV	355508	321680	8.36%	0.588%
67	11.157	1540	1542	1551	rVB2	205752	267835	6.96%	0.490%
68	11.280	1560	1563	1565	rVV2	182660	170313	4.43%	0.311%
69	11.316	1565	1569	1574	rVB3	186051	244493	6.35%	0.447%
70	11.427	1584	1588	1590	rBV	1426354	1394812	36.25%	2.549%
71	11.451	1590	1592	1595	rVV	1107448	876417	22.78%	1.602%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111117\
 Data File : BF100430.D
 Acq On : 11 Nov 2017 10:33
 Operator : SJ/JU
 Sample : I6368-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

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-BF110817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.498	1597	1600	1602	rVV	299079	239966	6.24%	0.439%
73	11.533	1602	1606	1608	rVV3	169666	249479	6.48%	0.456%
74	11.574	1608	1613	1620	rVV4	157359	474779	12.34%	0.868%
75	11.651	1624	1626	1631	rVB	109853	121984	3.17%	0.223%
76	11.710	1633	1636	1639	rVV2	137888	116212	3.02%	0.212%
77	11.751	1641	1643	1648	rVB	118843	116434	3.03%	0.213%
78	11.945	1673	1676	1680	rVB3	599677	682368	17.74%	1.247%
79	12.033	1688	1691	1694	rBV2	257657	288101	7.49%	0.527%
80	12.116	1702	1705	1709	rVB2	190921	174620	4.54%	0.319%
81	12.221	1720	1723	1724	rBV	125116	125261	3.26%	0.229%
82	12.292	1724	1735	1746	rVV2	968013	3847427	100.00%	7.032%
83	12.398	1750	1753	1755	rBV2	123650	122377	3.18%	0.224%
84	12.474	1763	1766	1768	rVB	133121	125097	3.25%	0.229%
85	12.504	1768	1771	1775	rBV3	196667	292654	7.61%	0.535%
86	12.639	1789	1794	1796	rBV	1142486	1413890	36.75%	2.584%
87	12.727	1806	1809	1817	rBV	568309	523374	13.60%	0.957%
88	12.868	1827	1833	1838	rBV	842617	1037475	26.97%	1.896%
89	13.010	1853	1857	1860	rBV	2611922	2376106	61.76%	4.343%
90	13.192	1886	1888	1892	rVB	190665	158296	4.11%	0.289%
91	13.233	1893	1895	1897	rVV2	102470	82477	2.14%	0.151%
92	13.257	1897	1899	1902	rVV	110443	90162	2.34%	0.165%
93	13.392	1919	1922	1925	rBV2	162978	249001	6.47%	0.455%
94	13.480	1934	1937	1942	rVB	270984	209688	5.45%	0.383%
95	13.680	1968	1971	1978	rBV4	240992	397095	10.32%	0.726%
96	13.898	2005	2008	2012	rVB3	313408	349269	9.08%	0.638%
97	14.062	2032	2036	2039	rBV2	1070507	1283289	33.35%	2.345%
98	14.086	2039	2040	2048	rVB2	516172	619822	16.11%	1.133%
99	14.268	2068	2071	2073	rBV	246877	199805	5.19%	0.365%
100	15.557	2286	2290	2299	rVB2	691712	1259565	32.74%	2.302%

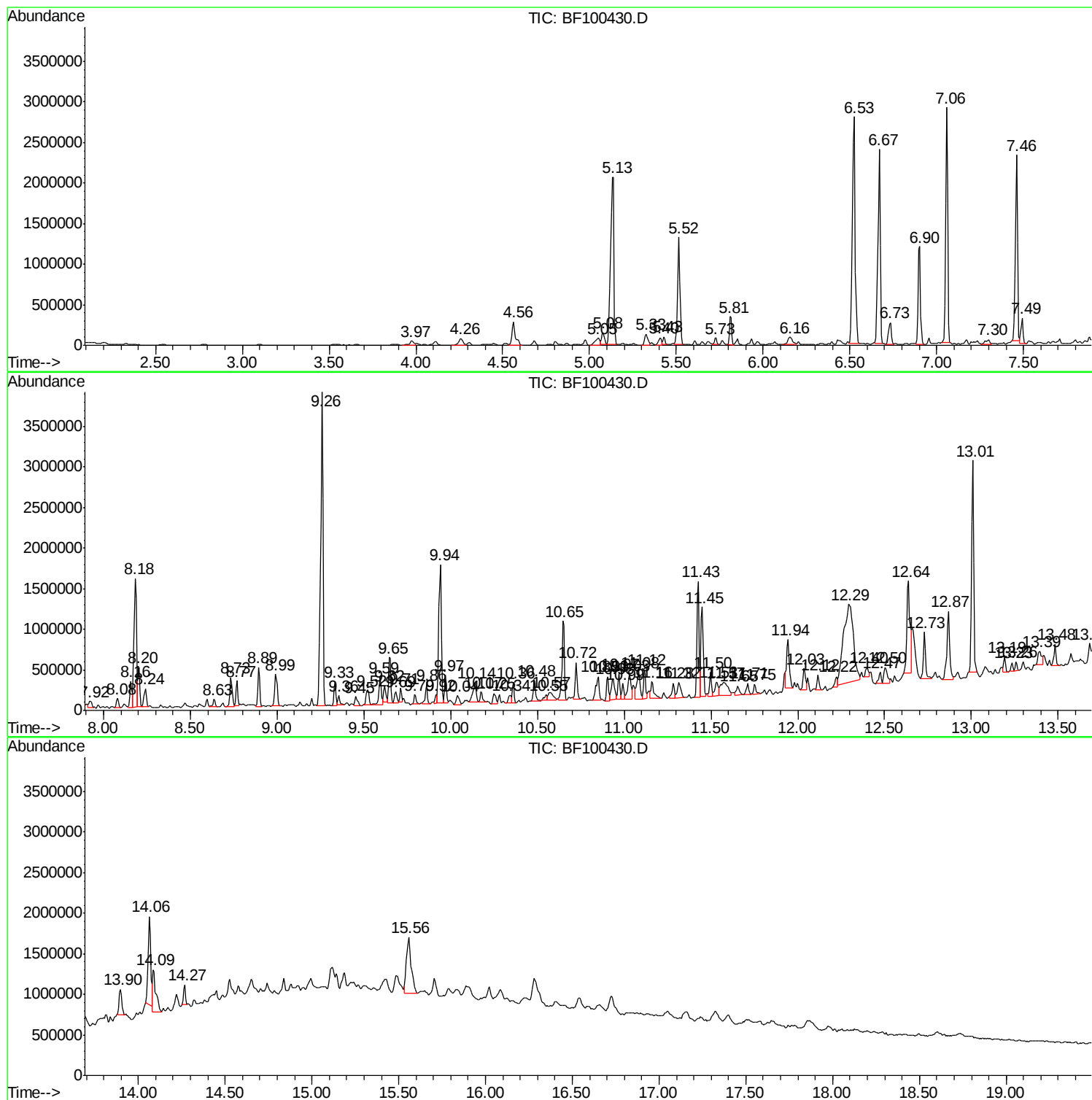
Sum of corrected areas: 54715739

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TEC-RCA-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

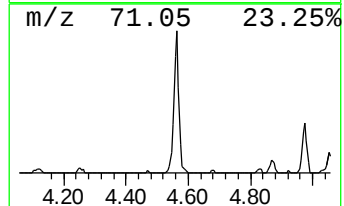
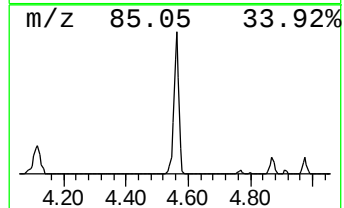
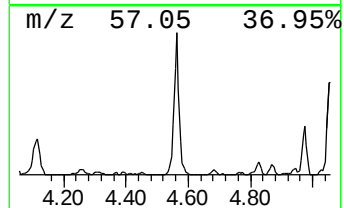
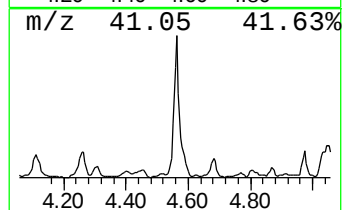
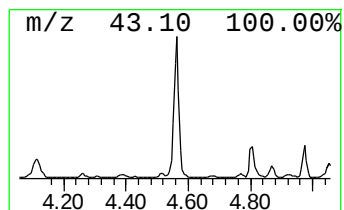
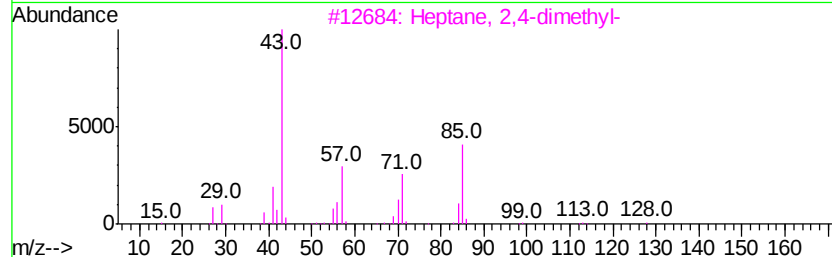
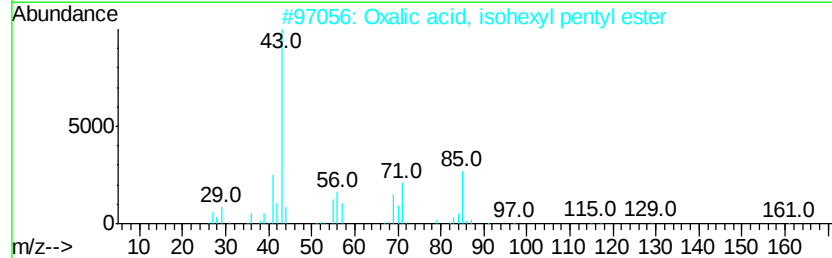
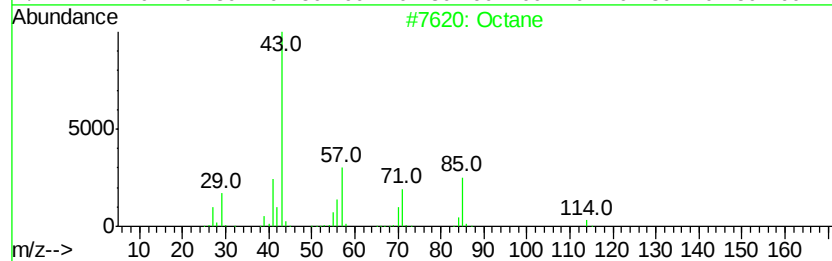
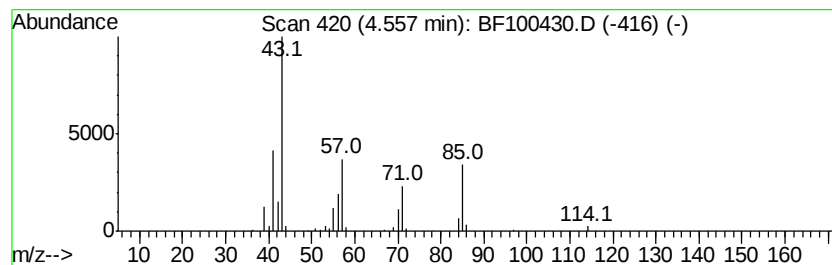
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Octane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	7.10 ng	396235	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	91
2		Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	83
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
4		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	72
5		Hexane, 3-ethyl-	114	C8H18	000619-99-8	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

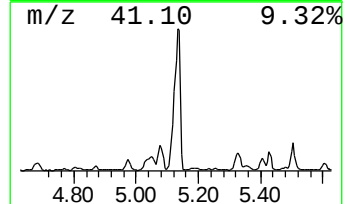
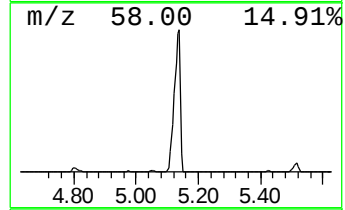
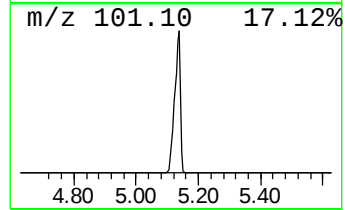
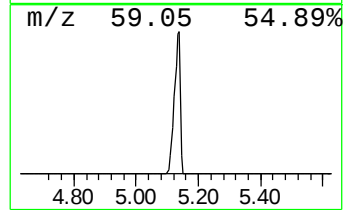
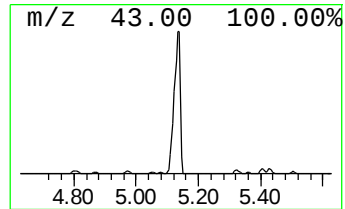
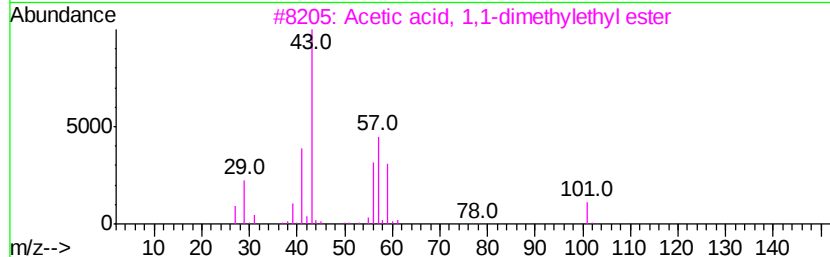
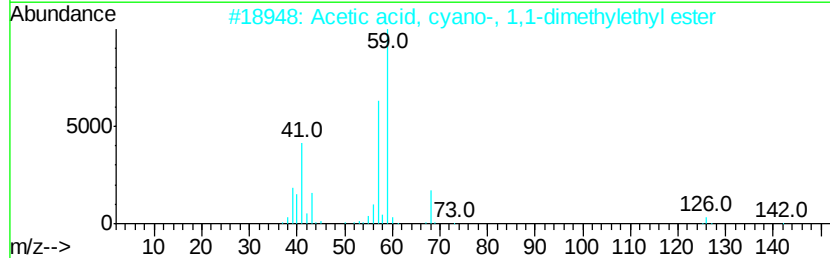
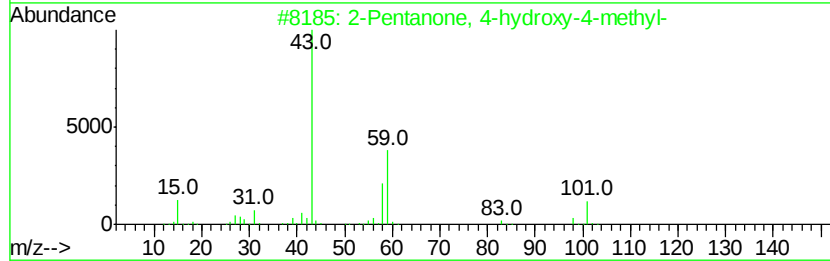
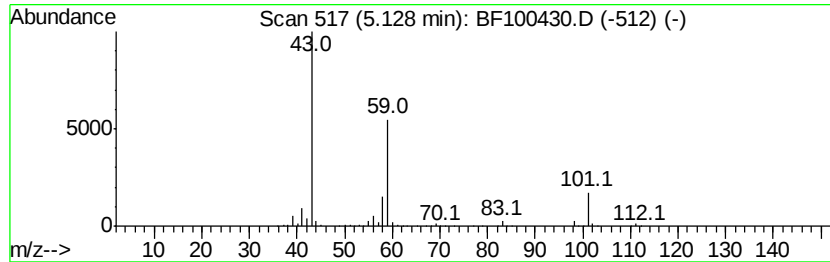
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	51.96 ng	2898660	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

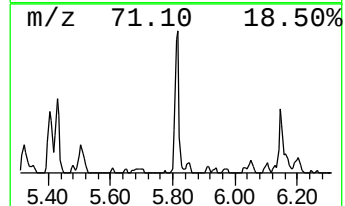
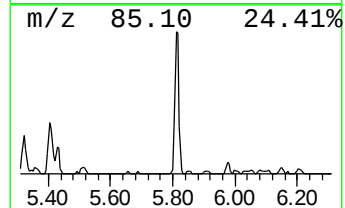
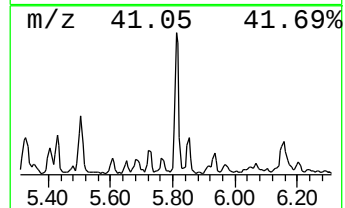
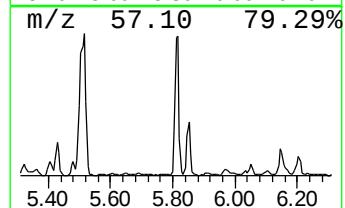
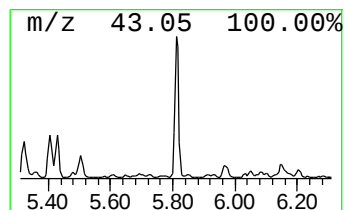
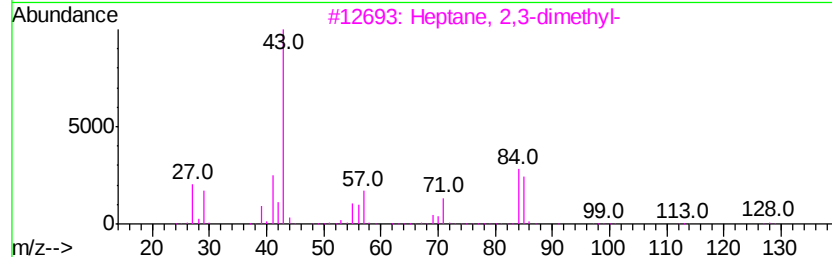
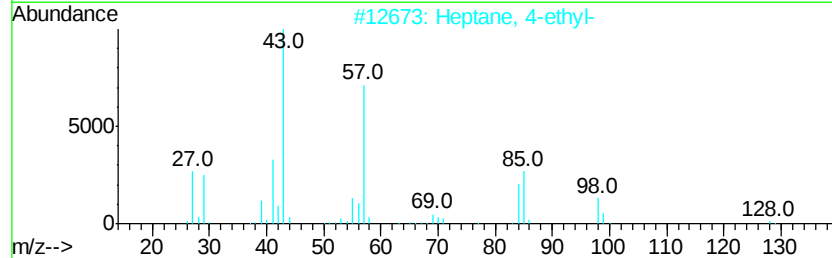
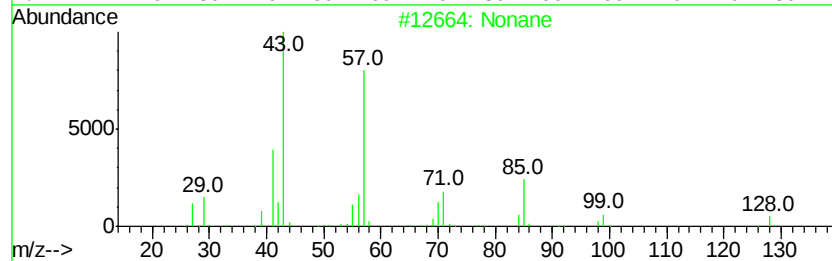
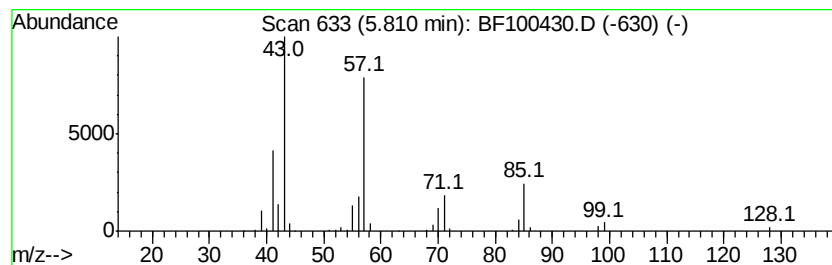
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	5.81 ng	324243	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	91
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
4		Octane	114	C8H18	000111-65-9	64
5		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

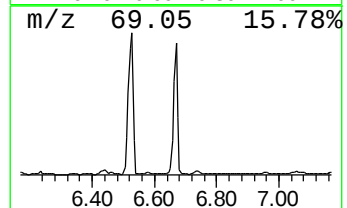
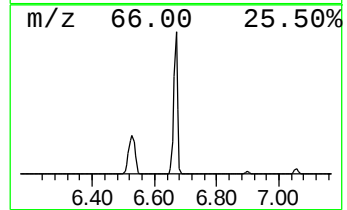
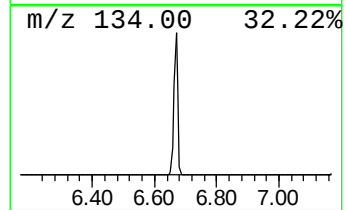
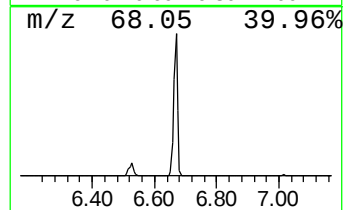
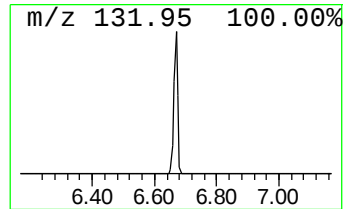
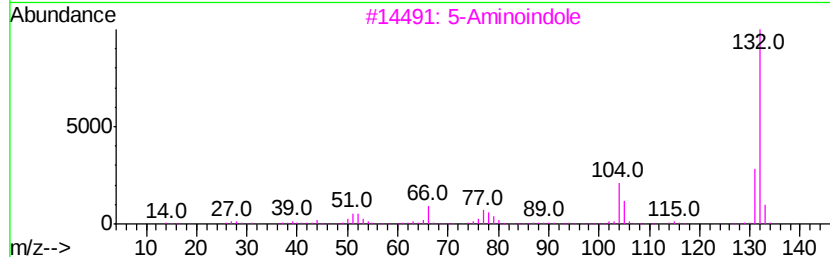
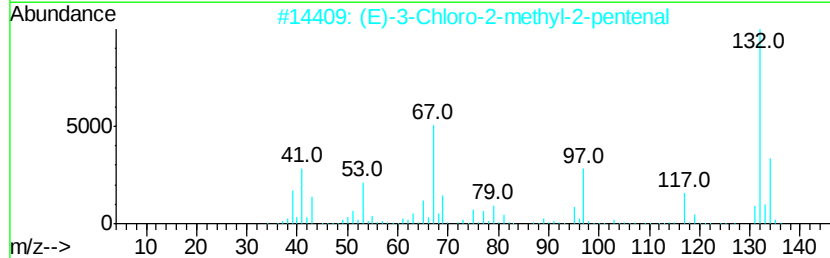
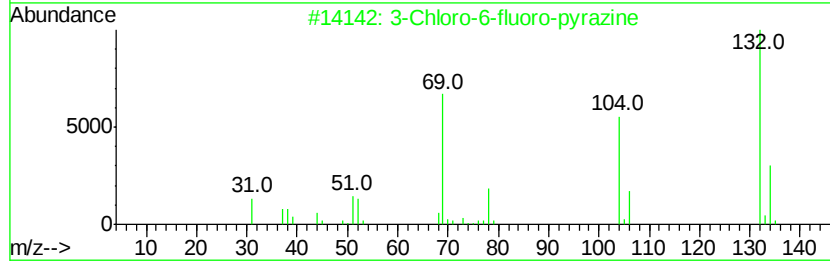
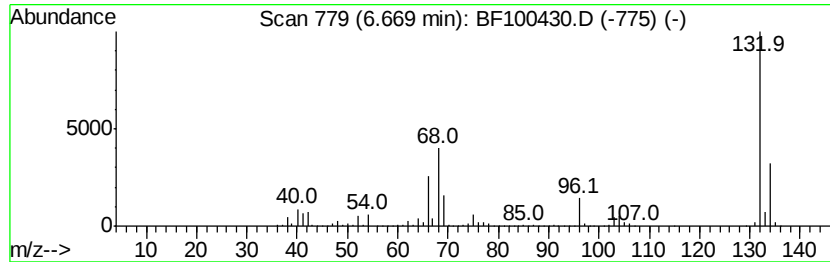
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	37.30 ng	2080830	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

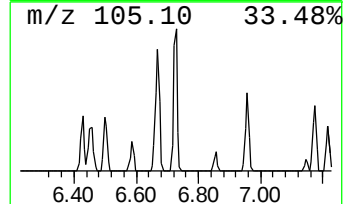
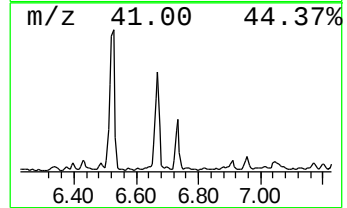
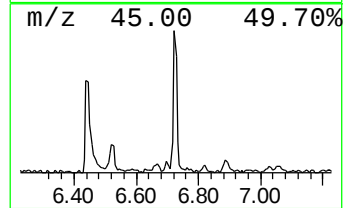
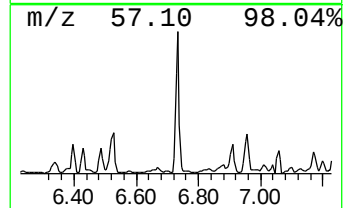
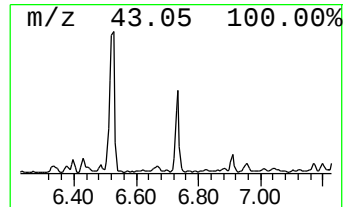
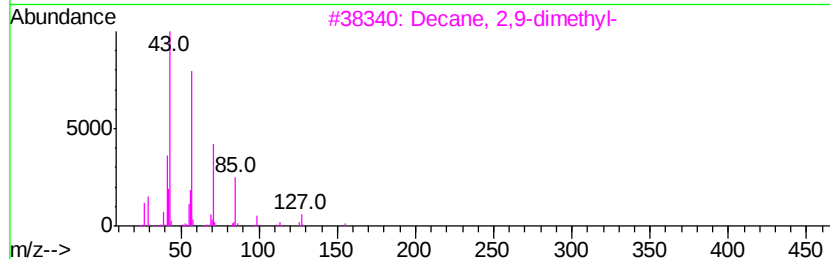
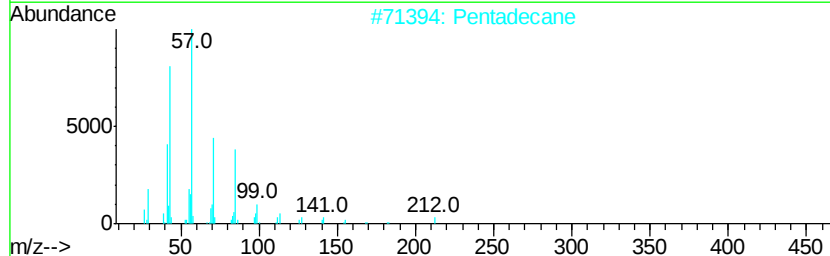
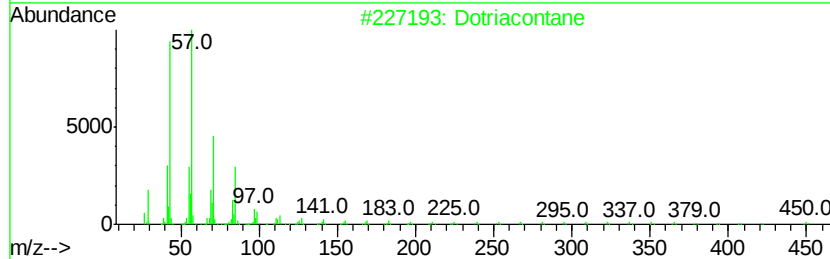
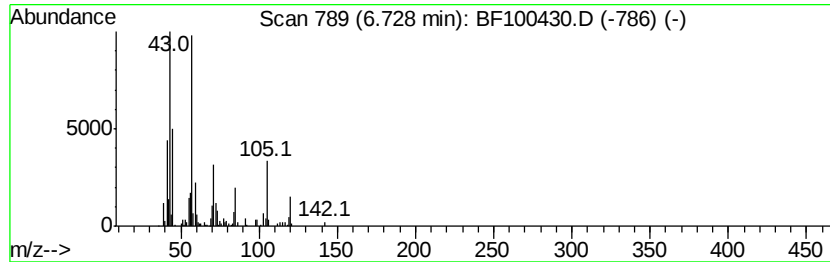
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dotriacontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	4.91 ng	273713	1,4-Dichlorobenzene-d4	6.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dotriacontane	451	C32H66	000544-85-4	78
2		Pentadecane	212	C15H32	000629-62-9	78
3		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tridecane	184	C13H28	000629-50-5	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

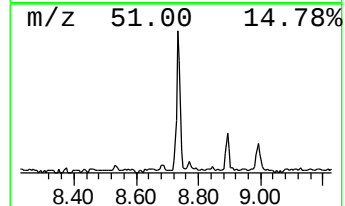
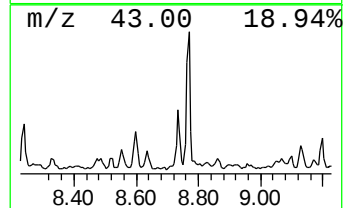
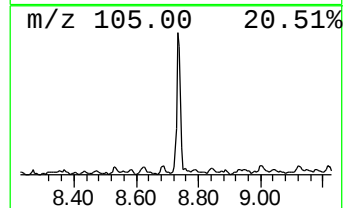
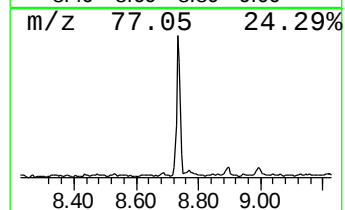
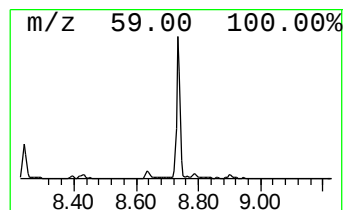
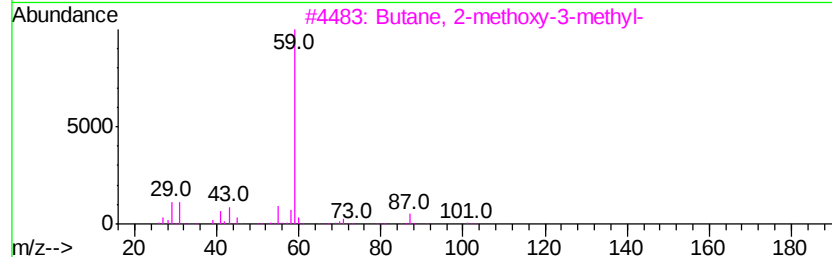
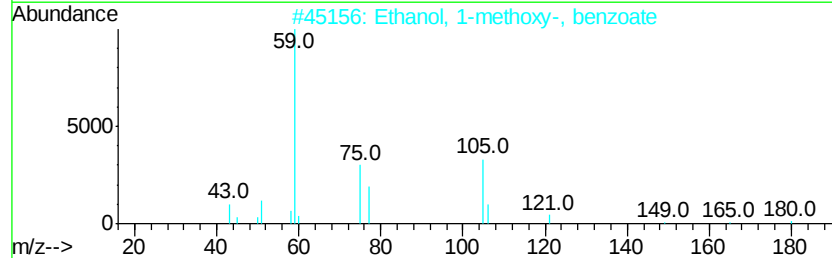
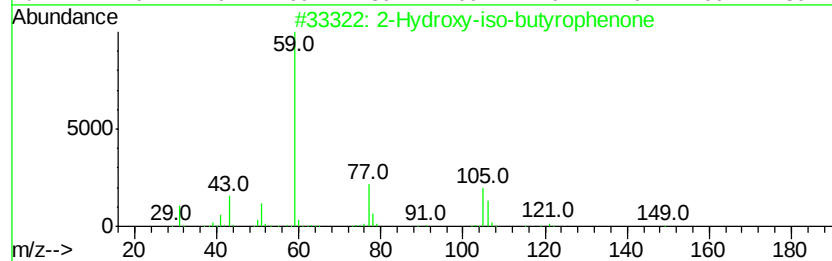
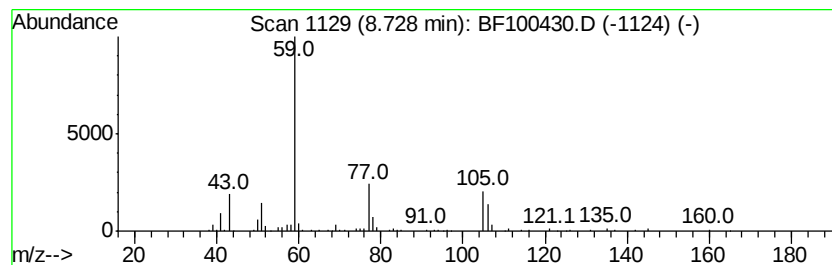
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2-Hydroxy-iso-butyrophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.72 ng	325502	Napthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2		Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	56
3		Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	9
4		Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
5		Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

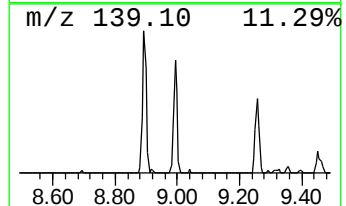
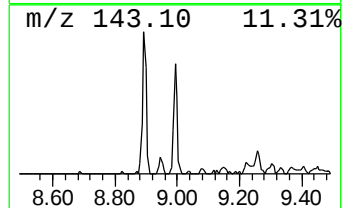
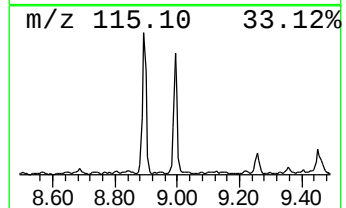
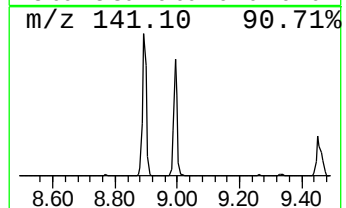
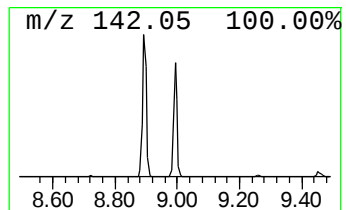
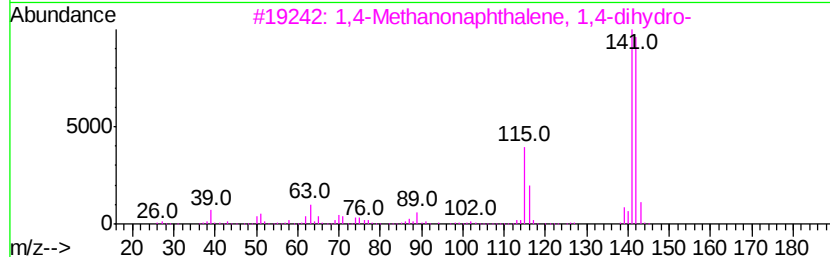
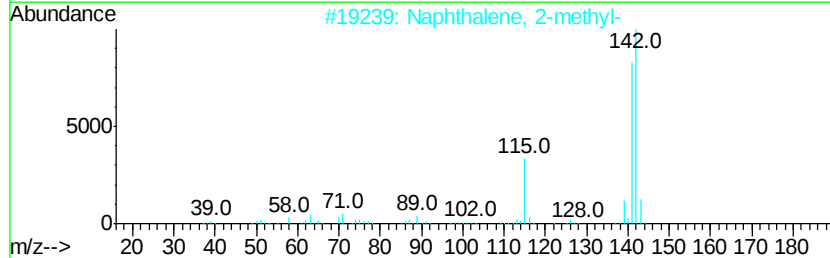
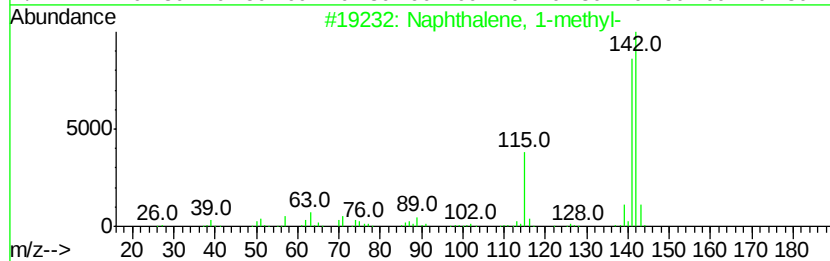
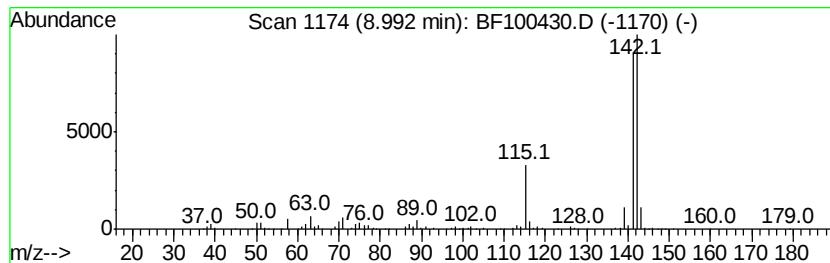
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	4.80 ng	330882	Naphthalene-d8	8.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 91
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2 64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

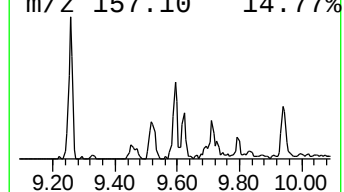
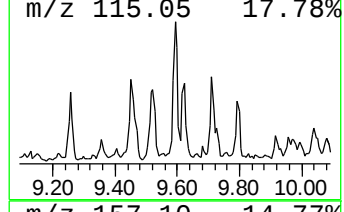
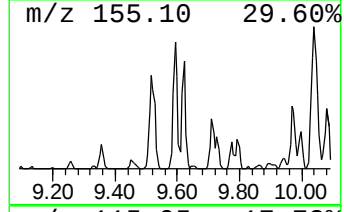
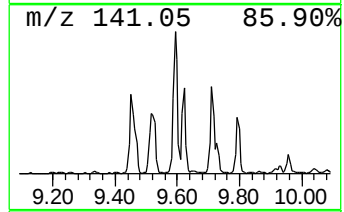
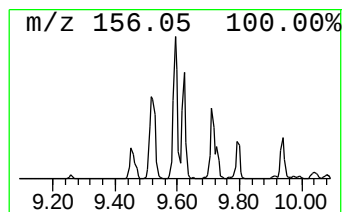
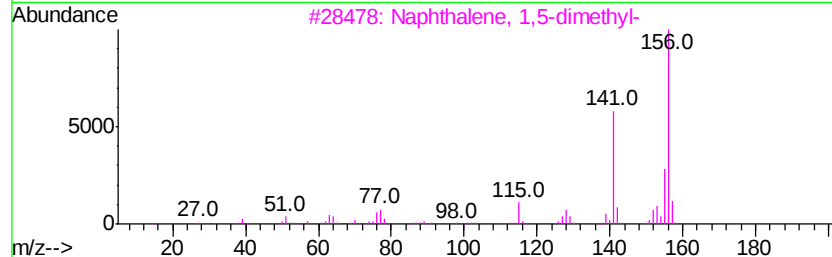
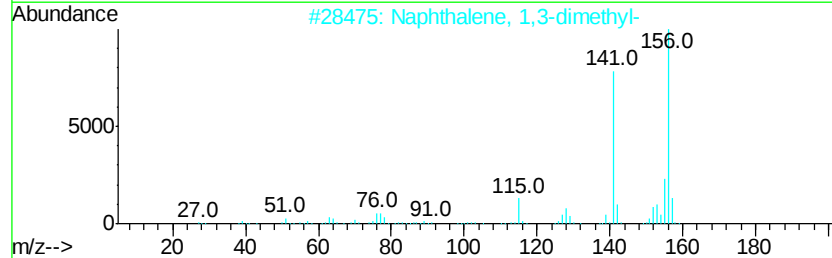
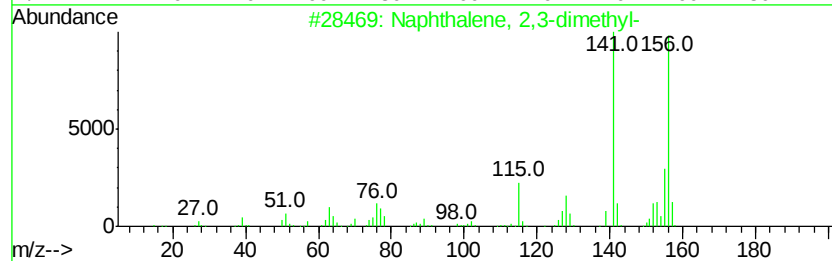
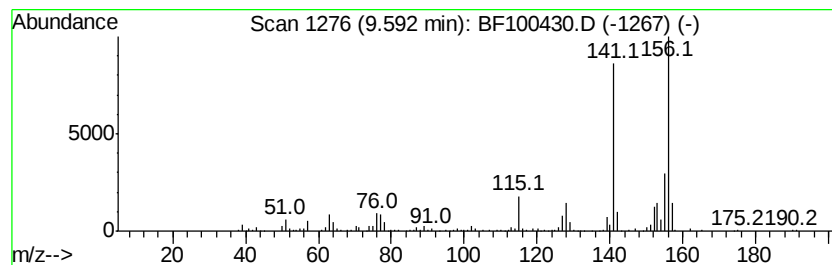
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.59	5.12 ng	378756	Acenaphthene-d10		9.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

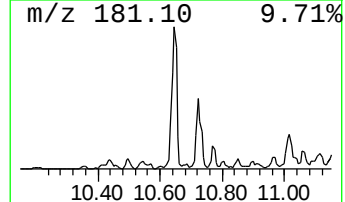
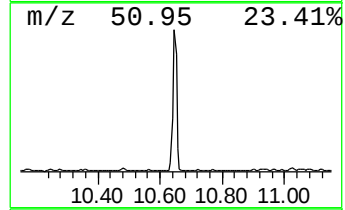
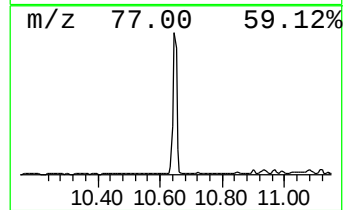
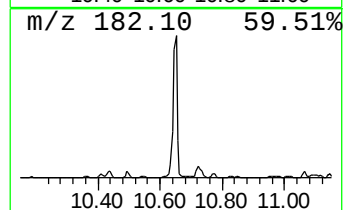
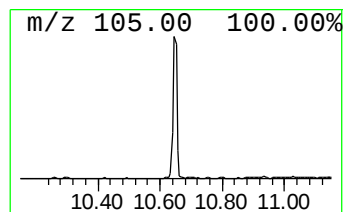
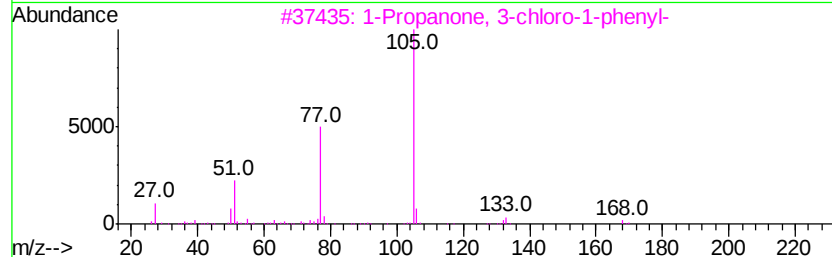
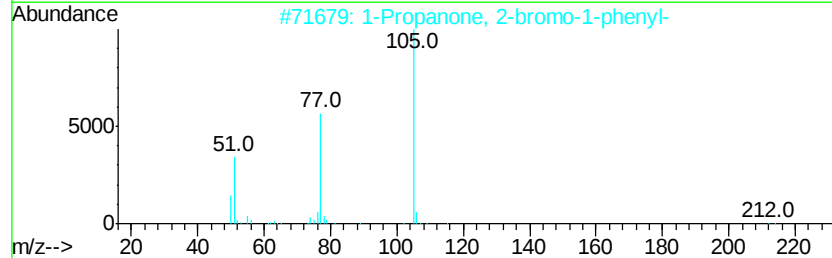
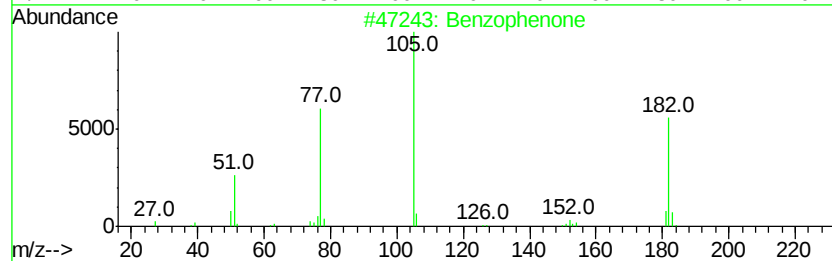
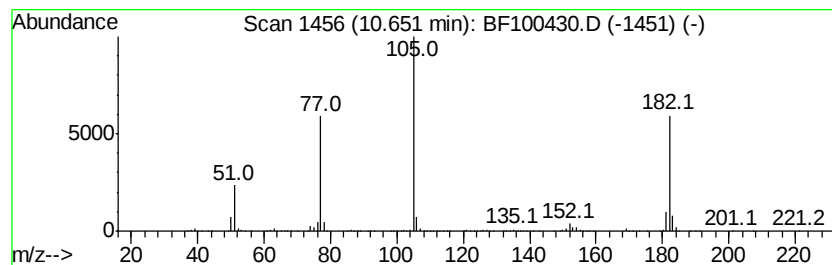
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	12.35 ng	913630	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
3		1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4		Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5		Vinyl benzoate	148	C9H8O2	000769-78-8	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

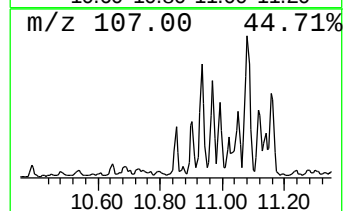
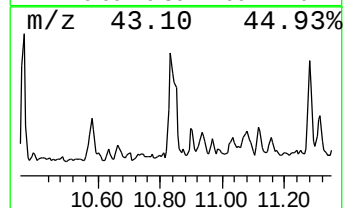
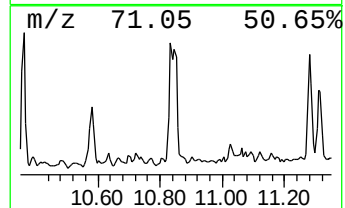
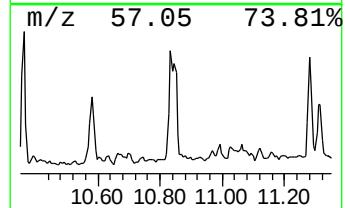
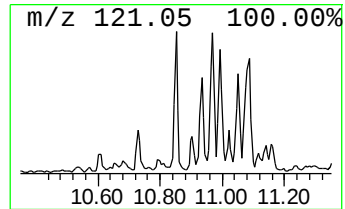
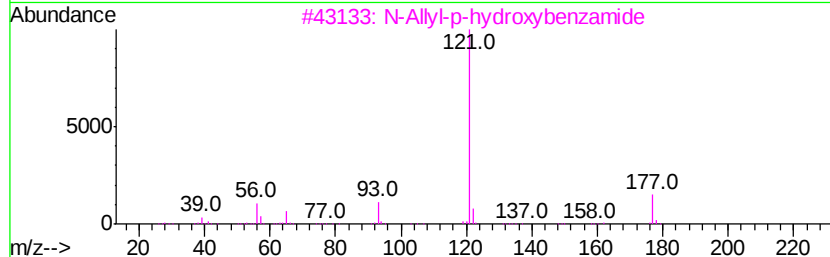
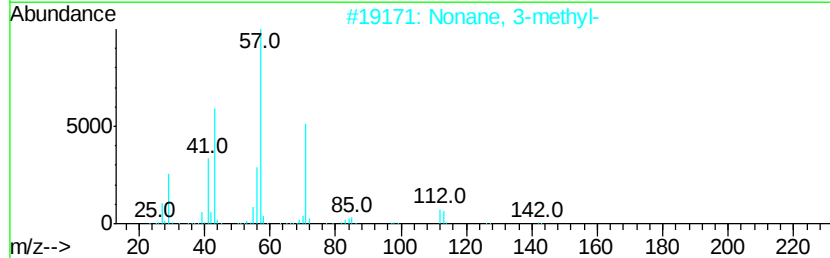
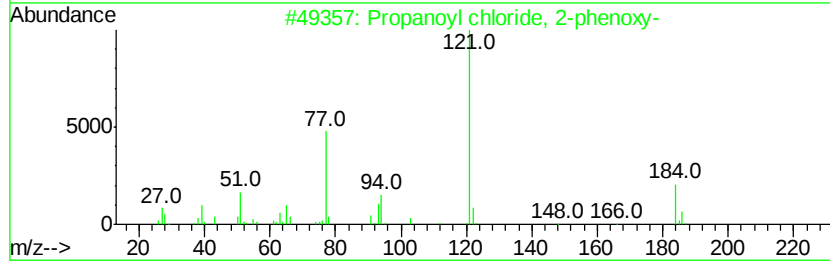
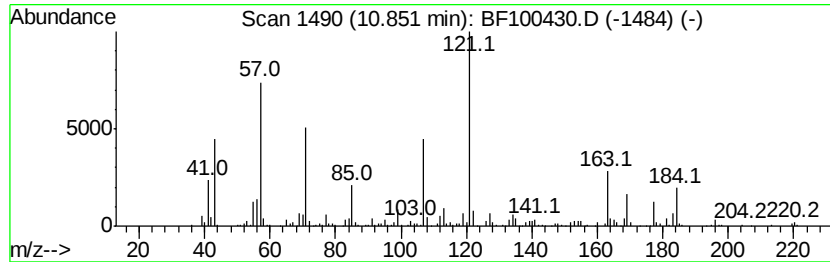
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown10.85 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	5.66 ng	394894	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoyl chloride, 2-phenoxy-	184	C9H9ClO2	000122-35-0	27
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	25
3			N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	22
4			Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	22
5			Oxiranecarboxylic acid, 3-phenyl...	178	C10H10O3	037161-74-3	14



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

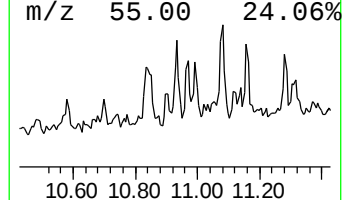
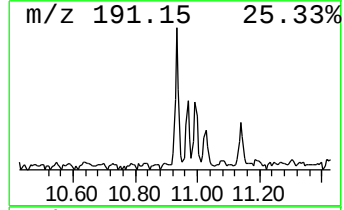
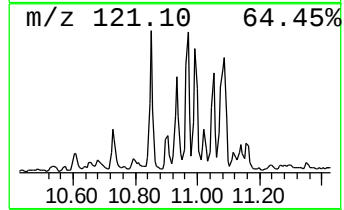
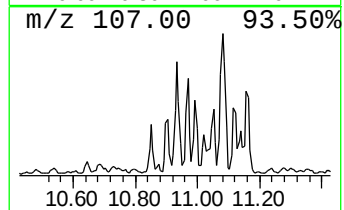
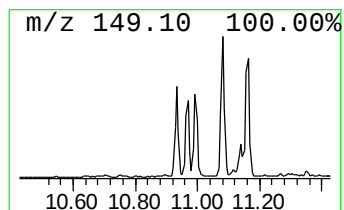
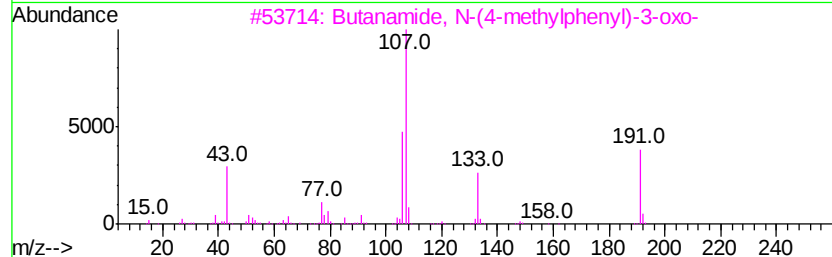
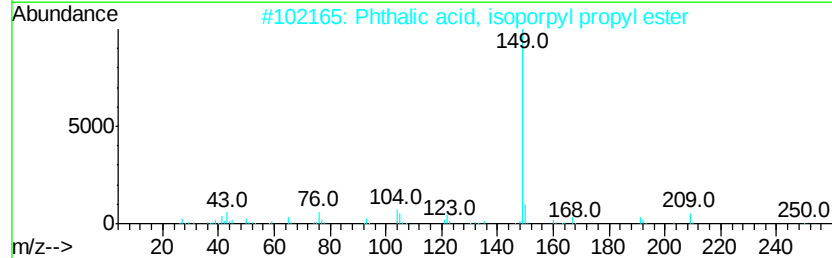
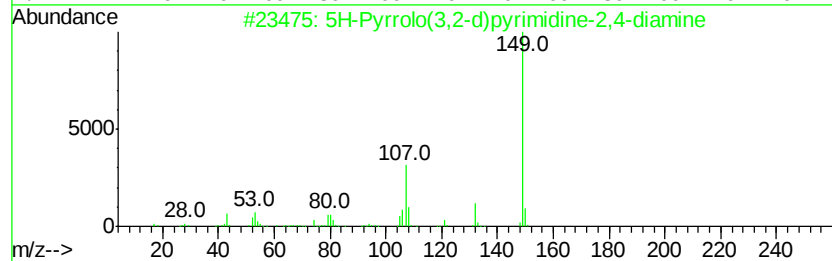
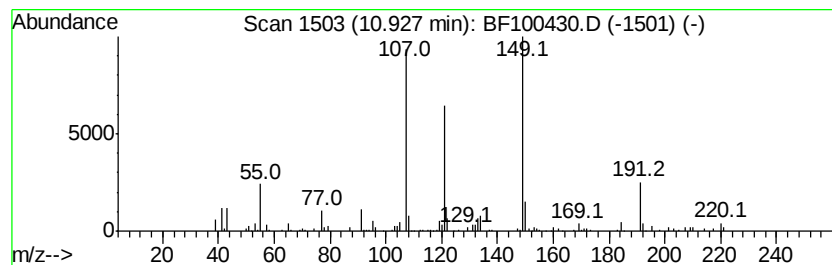
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.93	4.80 ng	334952	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	58
2	Phthalic acid, isoporpyl propyl ...	250	C14H18O4	1000314-99-7	35
3	Butanamide, N-(4-methylphenyl)-3...	191	C11H13NO2	002415-85-2	35
4	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	35
5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	27



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

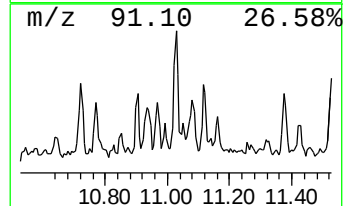
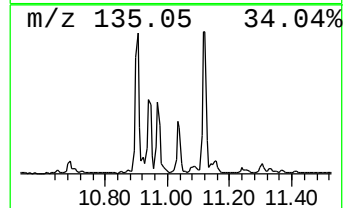
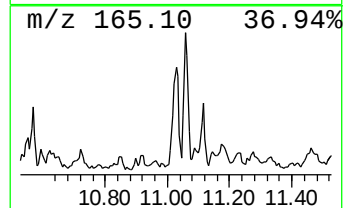
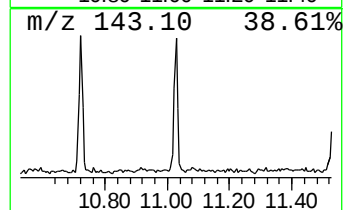
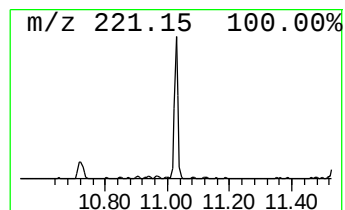
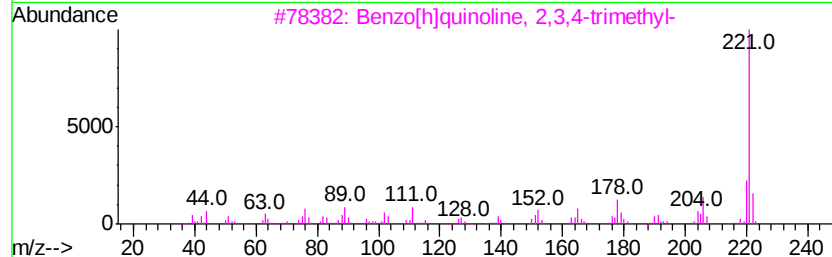
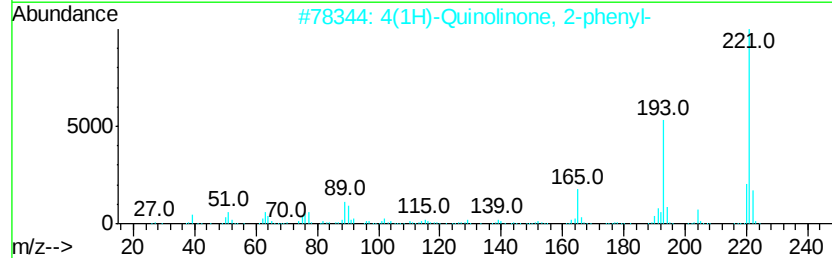
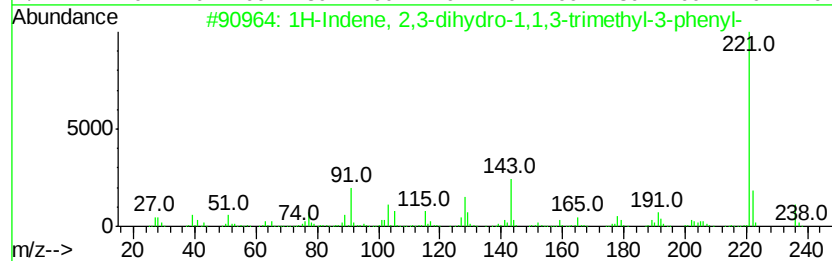
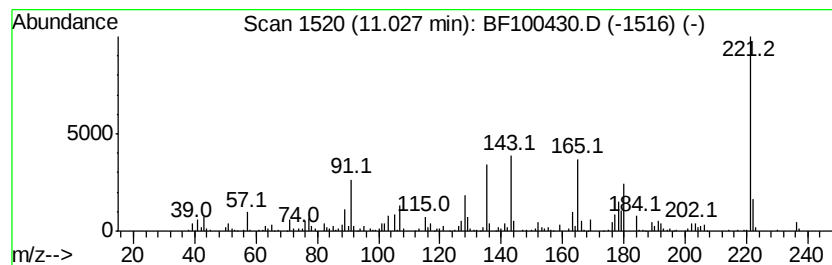
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.03	6.12 ng	426664	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	83
2	4(1H)-Quinolinone, 2-phenyl-	221	C15H11NO	014802-18-7	38
3	Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	38
4	1-Dimethyl(phenyl)silyloxyhexane	236	C14H24OSi	018414-94-3	37
5	2-Methyl-thieno[2',3':3,4]benzo[...	221	C10H7NOS2	294668-48-7	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

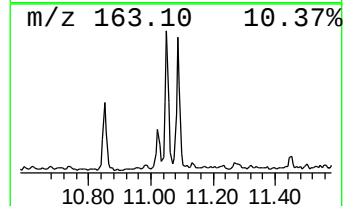
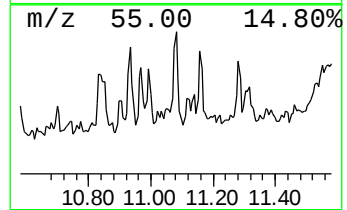
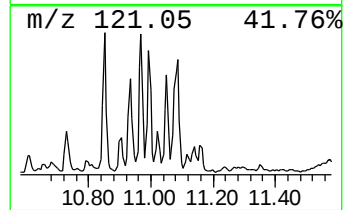
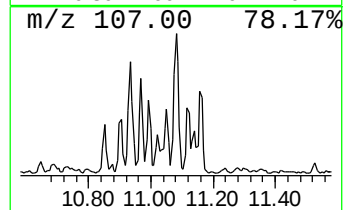
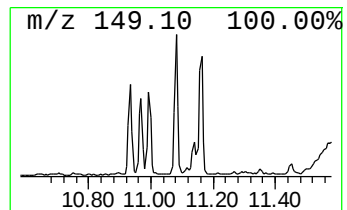
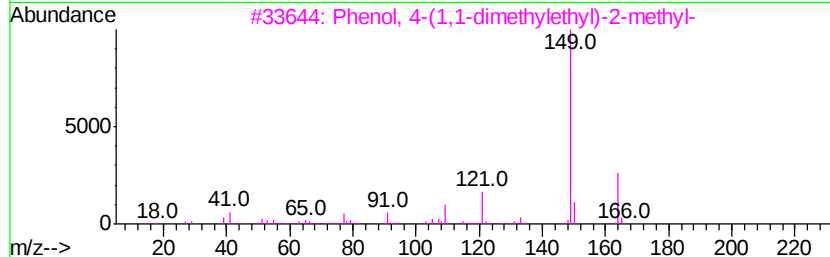
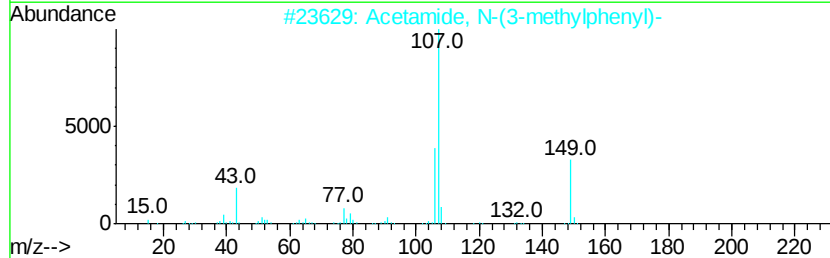
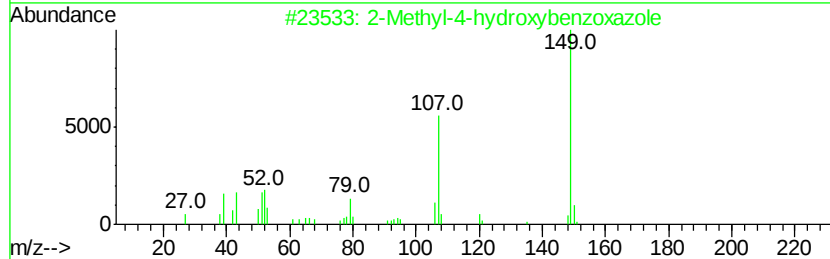
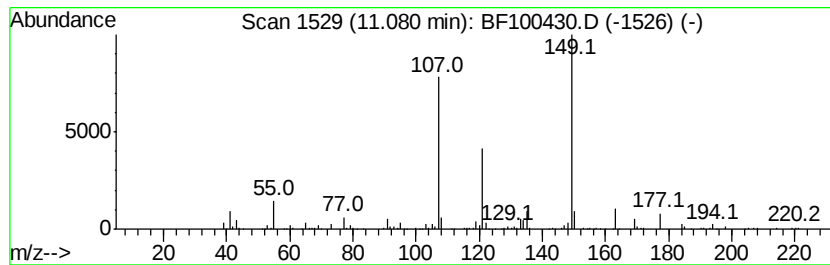
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 2-Methyl-4-hydroxybenzoxazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	5.84 ng	407186	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2			Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
3			Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	38
4			3-Ethoxybenzhydrazide	180	C9H12N2O2	027830-16-6	35
5			(2-Hydroxy-3,5-dimethylbenzoyl)f...	194	C10H10O4	1000241-63-8	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

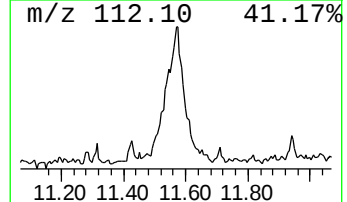
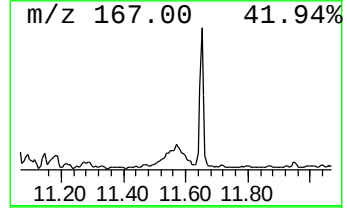
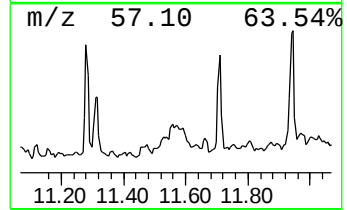
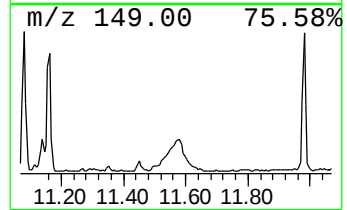
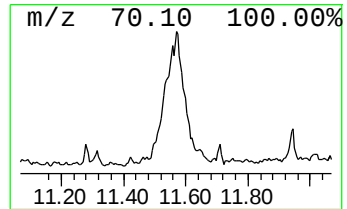
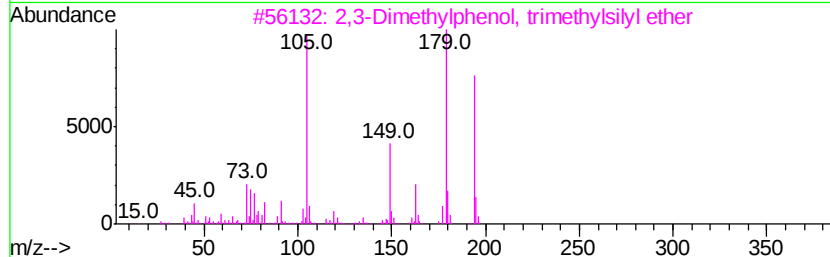
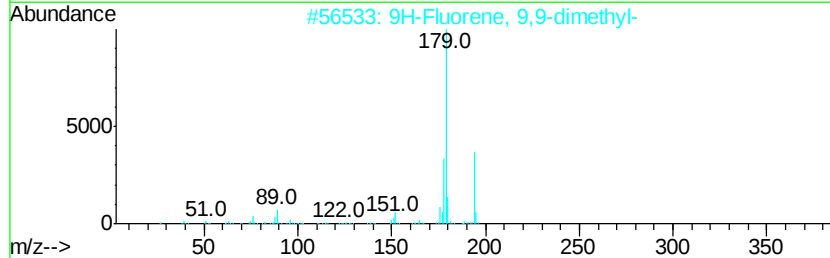
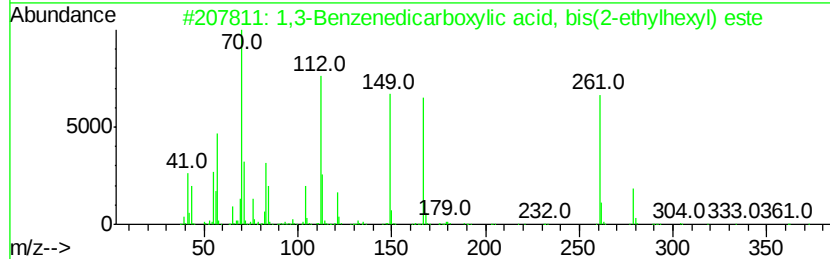
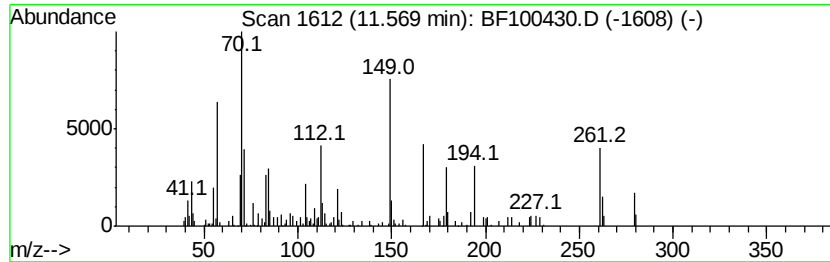
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown11.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.57	6.81 ng	474779	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	27
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	18
3	2,3-Dimethylphenol, trimethylsil...	194	C11H18OSi	1000333-49-1	14
4	6-Chloromethyl-2,3-dihydro-benzo...	184	C9H9ClO2	1000317-64-3	11
5	6-[[1,1'-Biphenyl]-3-yl]-N-methy...	263	C15H13N5	072115-93-6	11



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

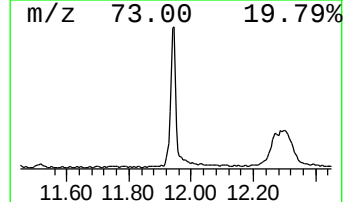
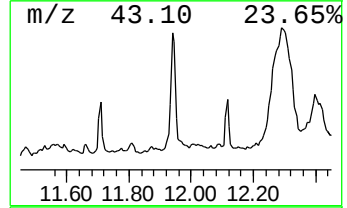
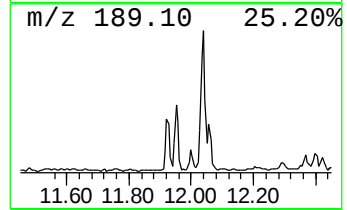
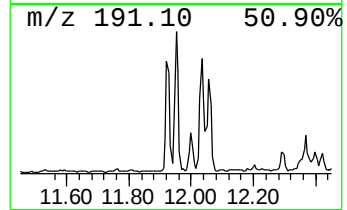
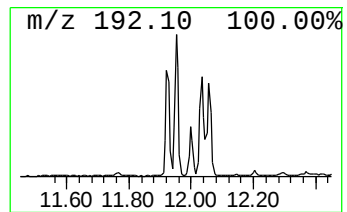
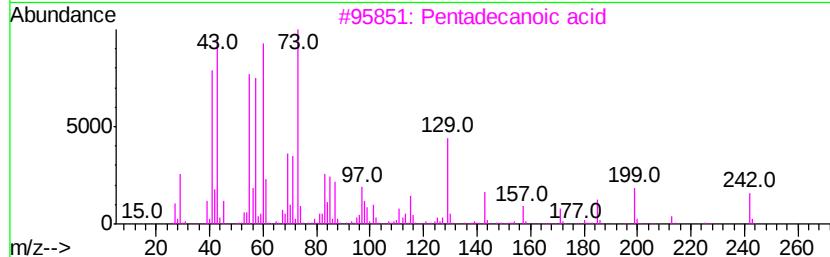
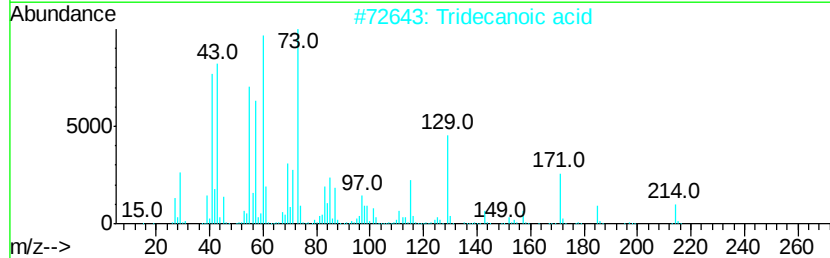
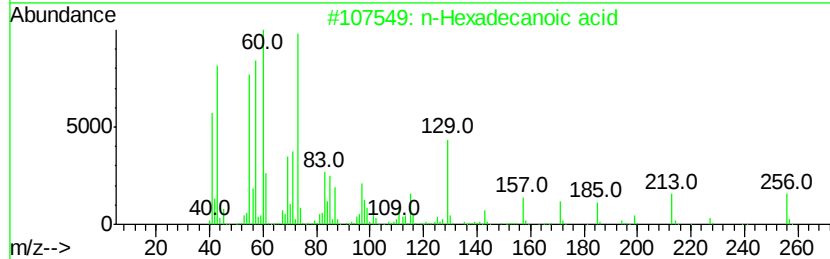
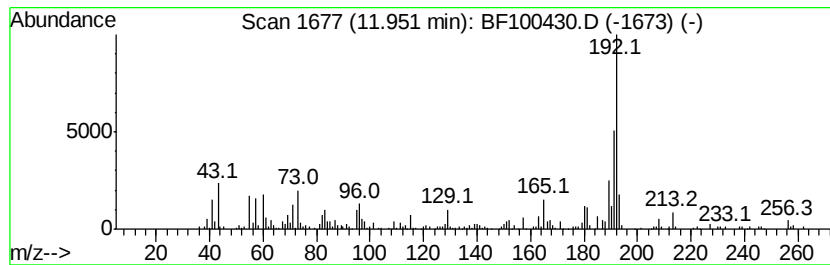
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	9.78 ng	682368	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	49



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

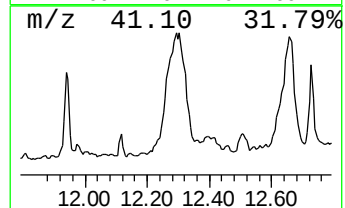
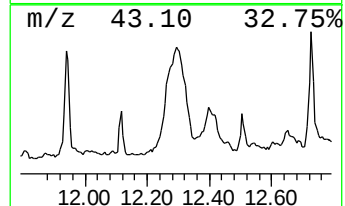
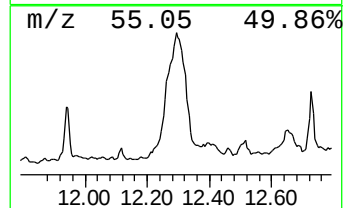
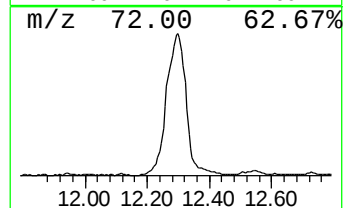
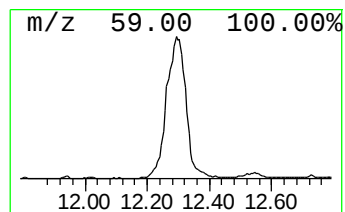
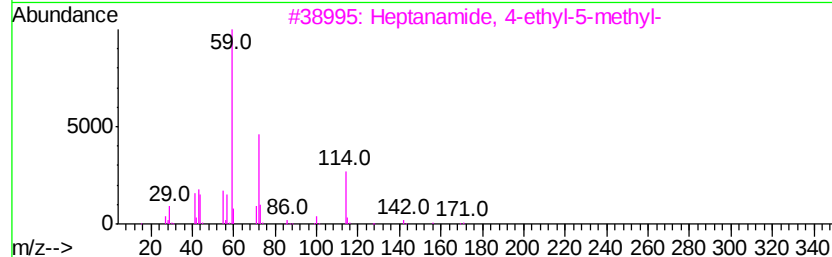
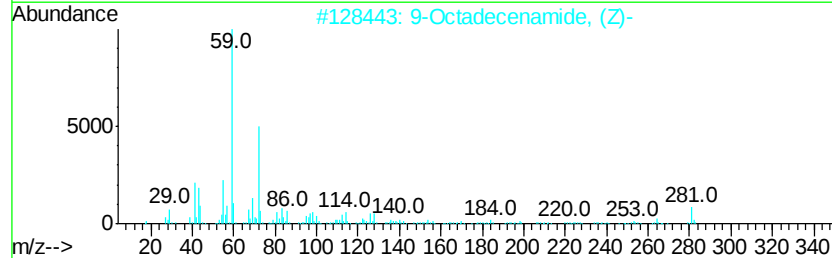
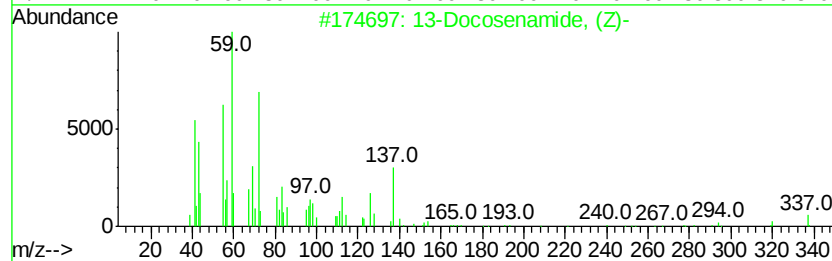
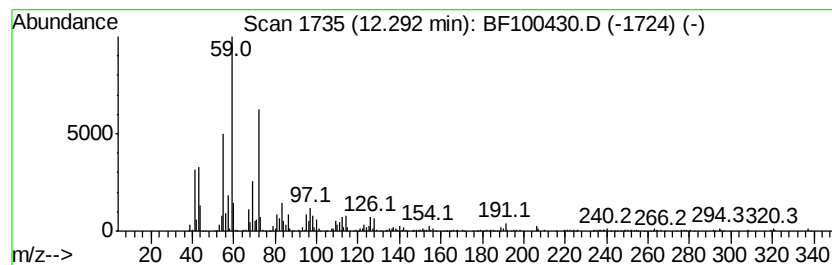
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.29	55.17 ng	3847430	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
3	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	64
5	Dodecanamide	199	C12H25NO	001120-16-7	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

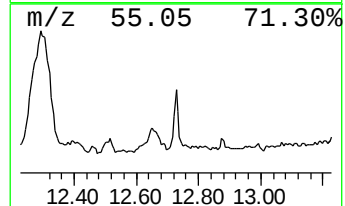
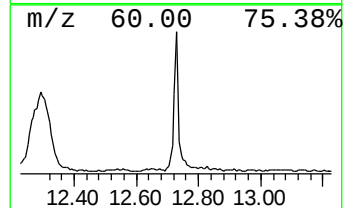
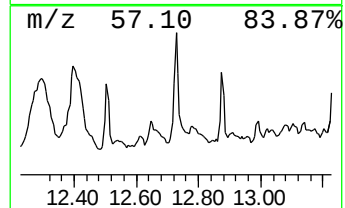
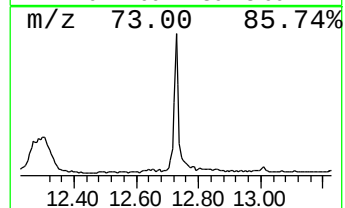
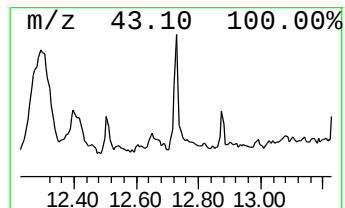
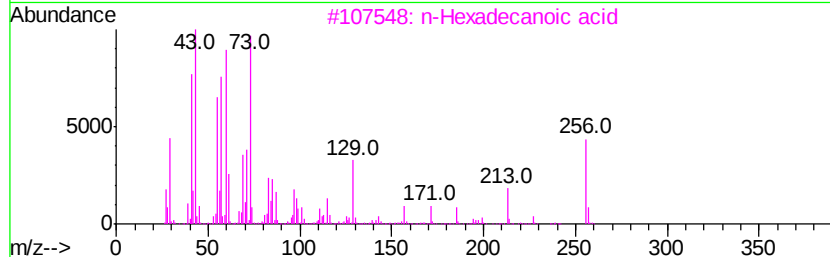
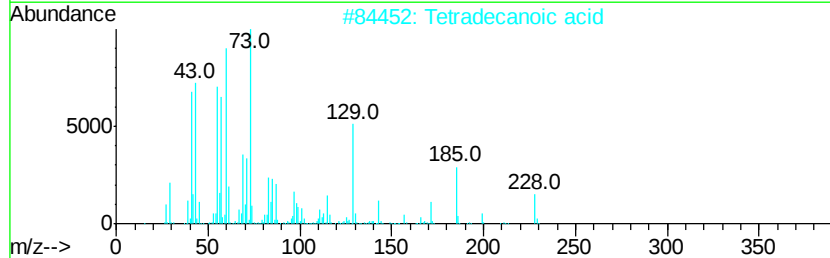
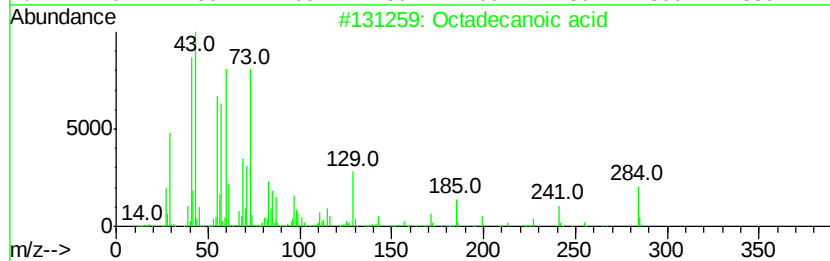
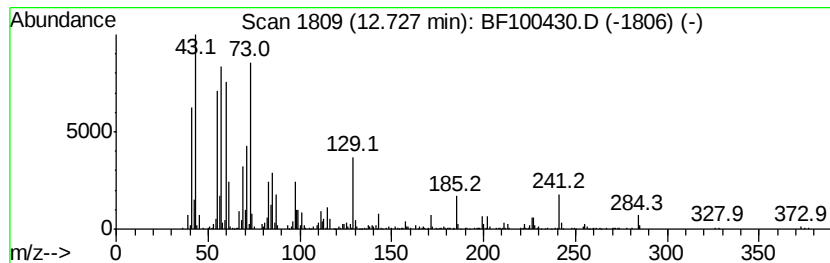
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	7.50 ng	523374	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

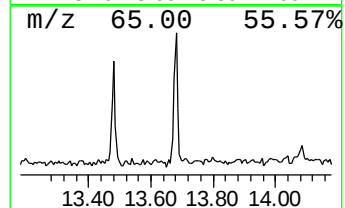
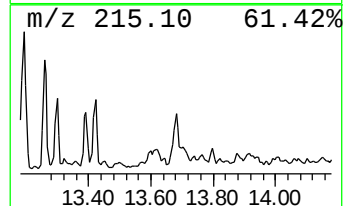
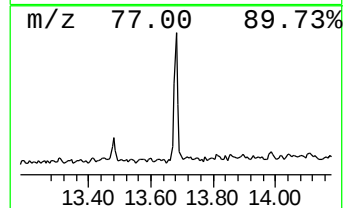
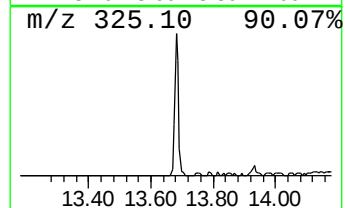
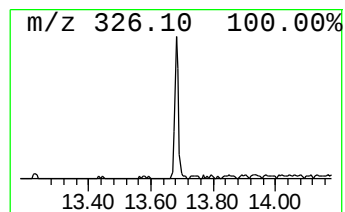
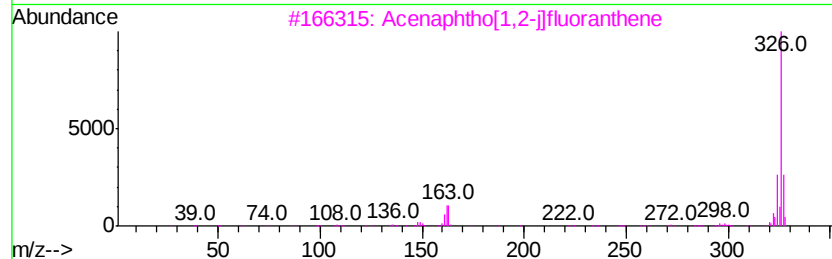
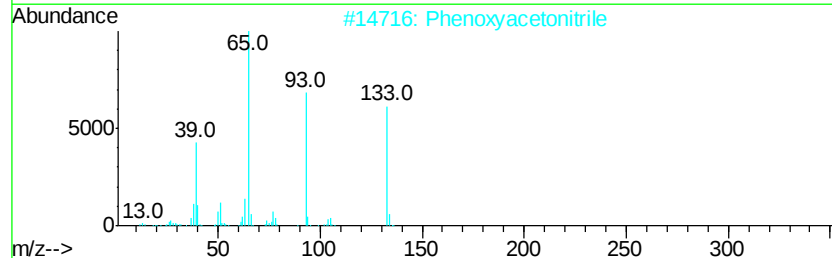
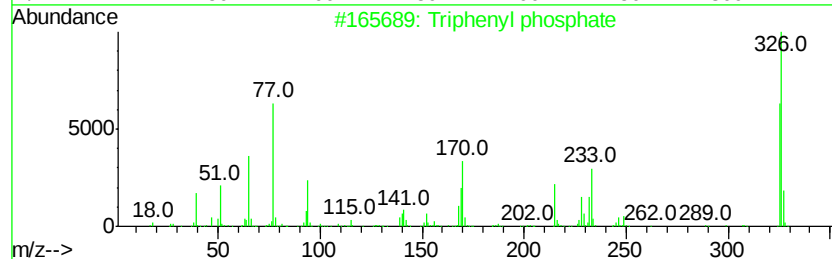
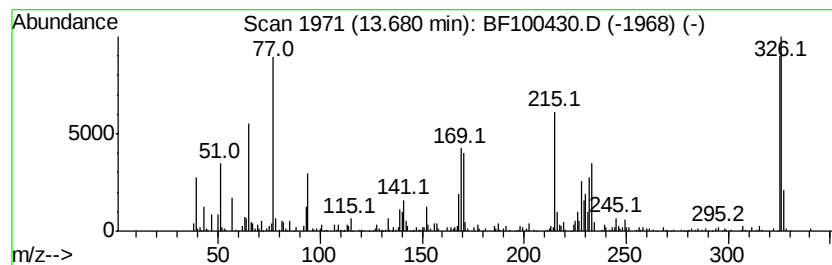
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Triphenyl phosphate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	6.19 ng	397095	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenyl phosphate	326	C18H15O4P	000115-86-6	93
2		Phenoxyacetoneitrile	133	C8H7NO	003598-14-9	14
3		Acenaphtho[1,2-ilfluoranthene	326	C26H14	000193-21-5	14
4		4-(3-Nitroanilino)-5,6,7,8-tetra...	326	C16H14N4O2S	313952-58-8	12
5		3-Buten-2-one, 4-(2-furanyl)-	136	C8H8O2	000623-15-4	10



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100430.D
Acq On : 11 Nov 2017 10:33
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

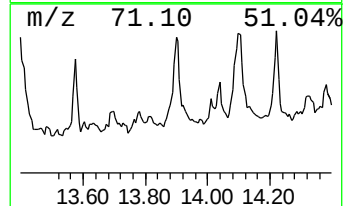
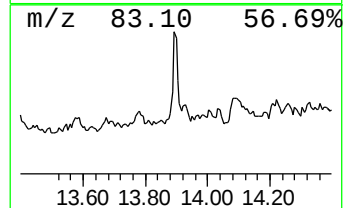
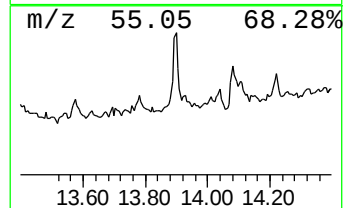
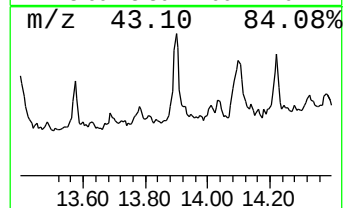
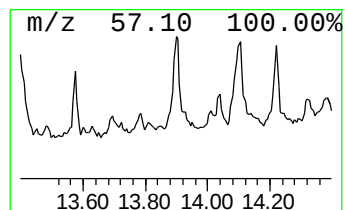
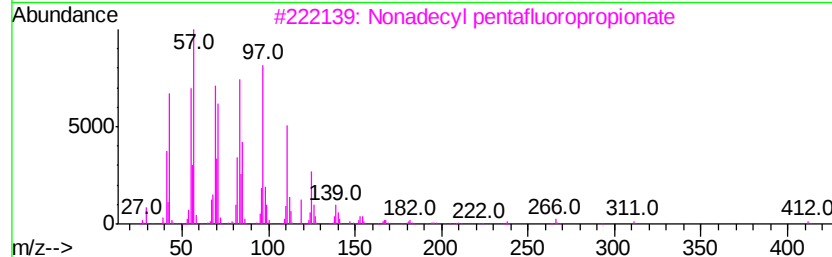
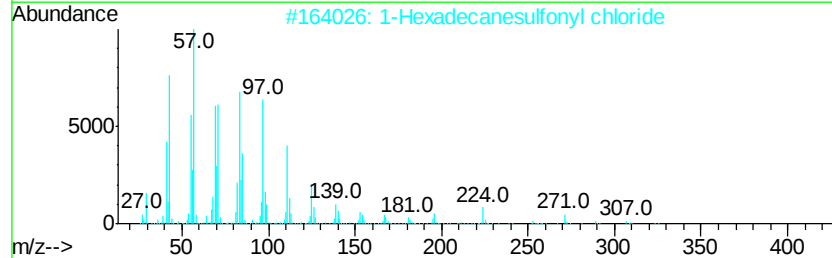
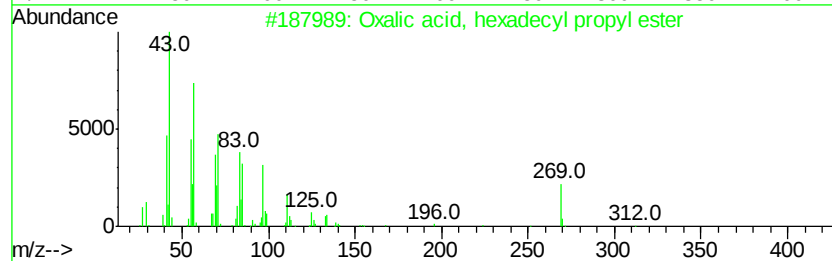
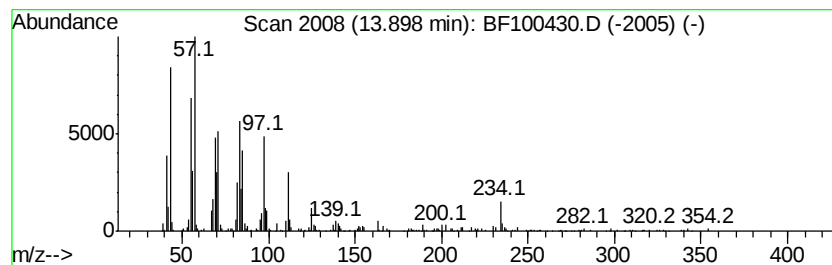
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Oxalic acid, hexadecyl prop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	5.44 ng	349269	Chrysene-d12	14.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	90
2			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	83
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	83
4			Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	83
5			1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	81



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111117\
 Data File : BF100430.D
 Acq On : 11 Nov 2017 10:33
 Operator : SJ/JU
 Sample : I6368-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane	4.56	7.1 ng		396235	1	6.90	1115830	20.0
2-Pentanone, 4-hy...	5.13	52.0 ng		2898660	1	6.90	1115830	20.0
Nonane	5.81	5.8 ng		324243	1	6.90	1115830	20.0
unknown6.67	6.67	37.3 ng		2080830	1	6.90	1115830	20.0
Dotriacontane	6.73	4.9 ng		273713	1	6.90	1115830	20.0
2-Hydroxy-iso-but...	8.73	4.7 ng		325502	2	8.18	1380040	20.0
Naphthalene, 1-me...	8.99	4.8 ng		330882	2	8.18	1380040	20.0
Naphthalene, 2,3-...	9.59	5.1 ng		378756	3	9.94	1480060	20.0
Benzophenone	10.65	12.4 ng		913630	3	9.94	1480060	20.0
unknown10.85	10.85	5.7 ng		394894	4	11.43	1394810	20.0
5H-Pyrrolo(3,2-d)...	10.93	4.8 ng		334952	4	11.43	1394810	20.0
1H-Indene, 2,3-di...	11.03	6.1 ng		426664	4	11.43	1394810	20.0
2-Methyl-4-hydrox...	11.08	5.8 ng		407186	4	11.43	1394810	20.0
unknown11.57	11.57	6.8 ng		474779	4	11.43	1394810	20.0
n-Hexadecanoic acid	11.95	9.8 ng		682368	4	11.43	1394810	20.0
13-Docosenamide, ...	12.29	55.2 ng		3847430	4	11.43	1394810	20.0
Octadecanoic acid	12.73	7.5 ng		523374	4	11.43	1394810	20.0
Triphenyl phosphate	13.68	6.2 ng		397095	5	14.06	1283290	20.0
Oxalic acid, hexa...	13.90	5.4 ng		349269	5	14.06	1283290	20.0