

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101425.D
 Acq On : 15 Dec 2017 6:04
 Operator : SJ/JU
 Sample : I6828-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBWW-2-0-4

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-BF121417.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	3.275	196	202	216	rBV	50306	124302	3.14%	0.188%
2	3.869	298	303	311	rVB	49242	76538	1.93%	0.116%
3	5.045	500	503	513	rBV	241725	418001	10.54%	0.632%
4	5.287	540	544	548	rBV	488165	492087	12.41%	0.744%
5	5.398	559	563	565	rBV	1526496	1811480	45.69%	2.741%
6	5.440	567	570	589	rVV	3355207	3964674	100.00%	5.998%
7	5.657	603	607	613	rVV	724096	696636	17.57%	1.054%
8	5.710	613	616	622	rVB	236894	229180	5.78%	0.347%
9	5.828	628	636	640	rVB3	54943	98935	2.50%	0.150%
10	5.963	655	659	663	rBV4	93177	136889	3.45%	0.207%
11	6.051	668	674	677	rBV2	251097	353618	8.92%	0.535%
12	6.075	677	678	681	rVV2	97905	90048	2.27%	0.136%
13	6.104	681	683	686	rVB	266918	203593	5.14%	0.308%
14	6.239	701	706	709	rBV2	159231	206690	5.21%	0.313%
15	6.275	709	712	714	rBV2	61649	76514	1.93%	0.116%
16	6.298	714	716	719	rVB	198077	155831	3.93%	0.236%
17	6.334	719	722	726	rBV	544985	558800	14.09%	0.845%
18	6.392	730	732	733	rBV	109010	77200	1.95%	0.117%
19	6.410	733	735	739	rVB2	124802	121913	3.07%	0.184%
20	6.463	739	744	749	rBV	3065582	3962236	99.94%	5.994%
21	6.534	754	756	762	rVV5	205132	467895	11.80%	0.708%
22	6.592	762	766	770	rVV	3583931	3818529	96.31%	5.777%
23	6.639	770	774	777	rVV2	1648785	1587052	40.03%	2.401%
24	6.763	790	795	797	rBV3	87026	106878	2.70%	0.162%
25	6.816	800	804	807	rBV	1454585	1311570	33.08%	1.984%
26	6.869	809	813	815	rBV	274410	259028	6.53%	0.392%
27	6.916	819	821	824	rVB3	93004	104138	2.63%	0.158%
28	6.969	824	830	835	rBV	2989931	3087394	77.87%	4.671%
29	7.081	843	849	852	rBV3	290369	402229	10.15%	0.609%
30	7.139	855	859	863	rVB2	259530	382818	9.66%	0.579%
31	7.198	863	869	872	rBV2	207355	327234	8.25%	0.495%
32	7.228	872	874	879	rVB5	83695	110393	2.78%	0.167%
33	7.275	879	882	884	rBV	121905	119960	3.03%	0.181%
34	7.328	888	891	892	rBV	119531	115435	2.91%	0.175%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101425.D
 Acq On : 15 Dec 2017 6:04
 Operator : SJ/JU
 Sample : I6828-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBWW-2-0-4

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-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.339	892	893	896	rVB	185965	144557	3.65%	0.219%
36	7.386	896	901	902	rBV	2435753	2513652	63.40%	3.803%
37	7.451	907	912	915	rVB5	152412	241778	6.10%	0.366%
38	7.492	915	919	921	rBV3	107305	142568	3.60%	0.216%
39	7.581	932	934	936	rBV2	156078	109617	2.76%	0.166%
40	7.610	936	939	945	rVB2	221874	256721	6.48%	0.388%
41	7.704	949	955	957	rBV3	124318	167306	4.22%	0.253%
42	7.763	963	965	969	rVB2	67735	75103	1.89%	0.114%
43	7.834	974	977	980	rBV	388601	318380	8.03%	0.482%
44	7.904	986	989	992	rBV2	58956	67858	1.71%	0.103%
45	8.034	1007	1011	1014	rBV5	38827	78328	1.98%	0.119%
46	8.069	1014	1017	1019	rVV	422131	390939	9.86%	0.591%
47	8.098	1019	1022	1024	rVV	1386639	1407820	35.51%	2.130%
48	8.116	1024	1025	1028	rVV	569683	460660	11.62%	0.697%
49	8.145	1028	1030	1033	rVV	250481	213323	5.38%	0.323%
50	8.175	1033	1035	1043	rVB5	73260	98202	2.48%	0.149%
51	8.381	1067	1070	1075	rVB5	85385	107124	2.70%	0.162%
52	8.504	1088	1091	1093	rBV	184030	142428	3.59%	0.215%
53	8.663	1114	1118	1125	rBV2	445729	811265	20.46%	1.227%
54	8.810	1140	1143	1150	rBV	289437	312841	7.89%	0.473%
55	8.910	1155	1160	1166	rBV2	261360	318428	8.03%	0.482%
56	9.104	1191	1193	1199	rVB	223199	169954	4.29%	0.257%
57	9.169	1200	1204	1208	rBV	3492707	3354805	84.62%	5.075%
58	9.239	1213	1216	1219	rBV	288473	268116	6.76%	0.406%
59	9.275	1219	1222	1227	rBV	298231	315471	7.96%	0.477%
60	9.433	1246	1249	1254	rBV2	151692	238003	6.00%	0.360%
61	9.510	1258	1262	1265	rBV4	191128	278268	7.02%	0.421%
62	9.563	1265	1271	1274	rBV4	607781	768077	19.37%	1.162%
63	9.622	1279	1281	1283	rVV2	89274	89202	2.25%	0.135%
64	9.663	1286	1288	1290	rVB	147761	116039	2.93%	0.176%
65	9.710	1293	1296	1299	rBV2	236918	247104	6.23%	0.374%
66	9.751	1300	1303	1305	rBV	201591	203523	5.13%	0.308%
67	9.769	1305	1306	1311	rVB	361749	264576	6.67%	0.400%
68	9.851	1311	1320	1323	rBV3	1513437	1851080	46.69%	2.800%
69	9.886	1323	1326	1329	rVB	675645	628517	15.85%	0.951%
70	9.951	1334	1337	1341	rBV2	133955	167736	4.23%	0.254%
71	9.998	1341	1345	1348	rBV5	255268	381977	9.63%	0.578%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101425.D
 Acq On : 15 Dec 2017 6:04
 Operator : SJ/JU
 Sample : I6828-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBWW-2-0-4

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-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.027	1348	1350	1352	rVB	105200	74360	1.88%	0.112%
73	10.057	1352	1355	1358	rVB2	471330	418884	10.57%	0.634%
74	10.092	1358	1361	1365	rBV2	369499	409080	10.32%	0.619%
75	10.127	1365	1367	1370	rVB3	125139	100656	2.54%	0.152%
76	10.169	1371	1374	1377	rBV2	180204	282447	7.12%	0.427%
77	10.216	1377	1382	1385	rVB2	159474	225134	5.68%	0.341%
78	10.251	1385	1388	1390	rBV3	354586	410103	10.34%	0.620%
79	10.275	1390	1392	1394	rVB	502698	385755	9.73%	0.584%
80	10.304	1394	1397	1399	rBV3	148444	142282	3.59%	0.215%
81	10.327	1399	1401	1404	rBV3	108118	123317	3.11%	0.187%
82	10.363	1404	1407	1410	rBV	1064031	955479	24.10%	1.446%
83	10.404	1410	1414	1420	rVB	642614	707966	17.86%	1.071%
84	10.492	1425	1429	1431	rBV	911904	870138	21.95%	1.316%
85	10.610	1447	1449	1452	rBV2	257941	205762	5.19%	0.311%
86	10.651	1452	1456	1459	rBV	1640425	1782477	44.96%	2.697%
87	10.757	1469	1474	1478	rBV	1728568	2493726	62.90%	3.773%
88	10.822	1482	1485	1486	rBV	364888	366245	9.24%	0.554%
89	10.886	1494	1496	1499	rBV2	329504	336340	8.48%	0.509%
90	10.939	1503	1505	1506	rBV	335021	260831	6.58%	0.395%
91	11.033	1519	1521	1524	rBV2	296255	263980	6.66%	0.399%
92	11.198	1546	1549	1551	rBV2	760567	696737	17.57%	1.054%
93	11.227	1551	1554	1560	rVB2	1567837	1865226	47.05%	2.822%
94	11.345	1570	1574	1576	rBV2	1045841	1294718	32.66%	1.959%
95	11.374	1576	1579	1583	rVV	2481008	2623456	66.17%	3.969%
96	11.427	1585	1588	1590	rVV	595401	551115	13.90%	0.834%
97	11.580	1611	1614	1617	rBV3	773390	805367	20.31%	1.218%
98	11.880	1663	1665	1669	rVB2	600190	554440	13.98%	0.839%
99	12.580	1780	1784	1787	rBV	1764911	2059312	51.94%	3.115%
100	12.810	1821	1823	1826	rVB	1248144	1057002	26.66%	1.599%

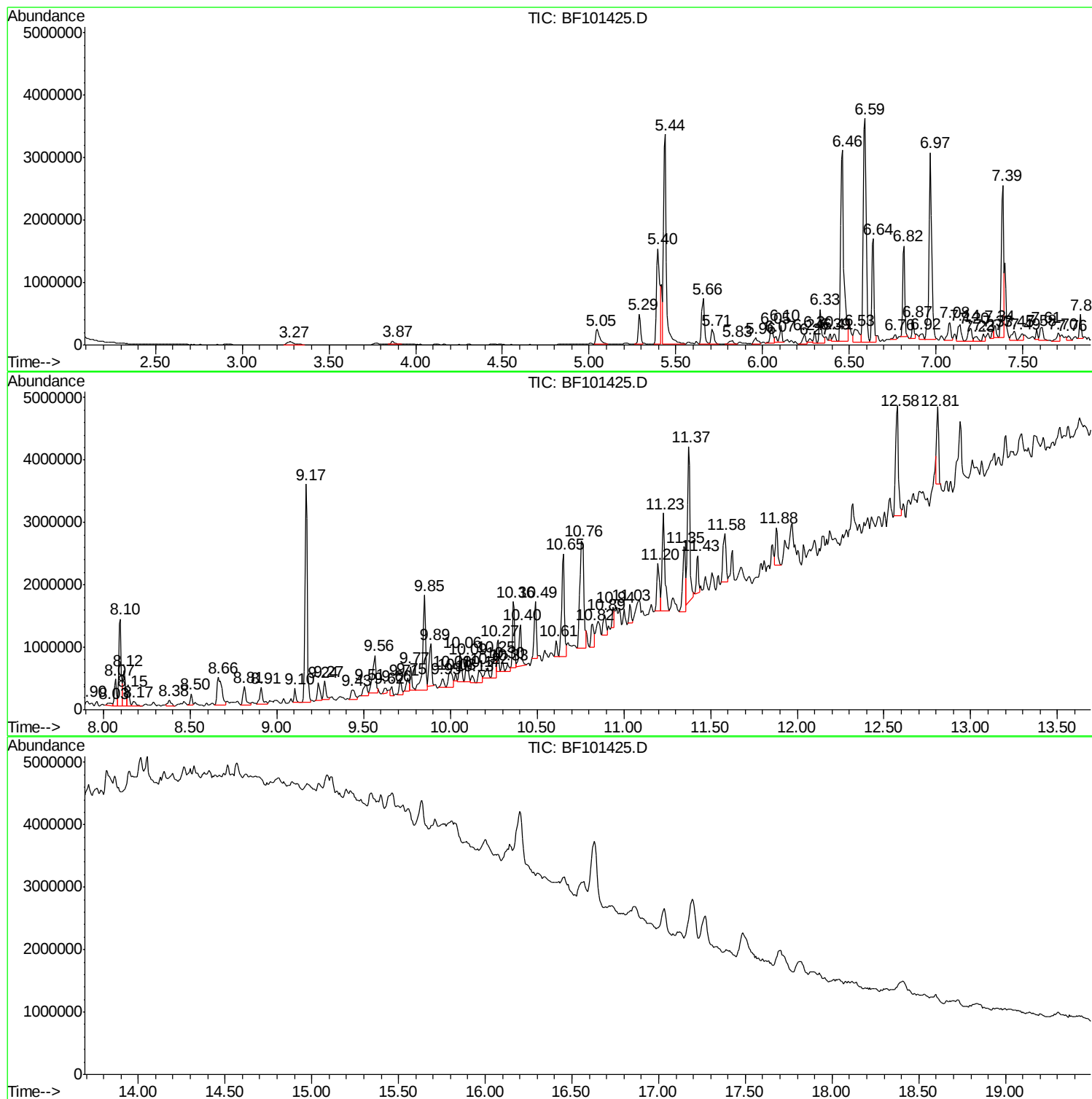
Sum of corrected areas: 66099399

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

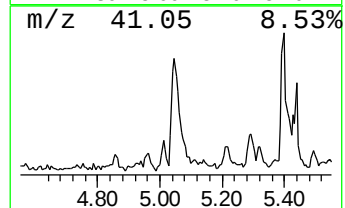
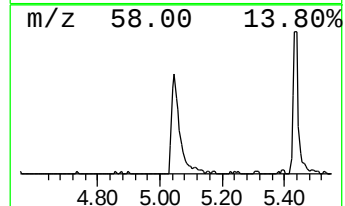
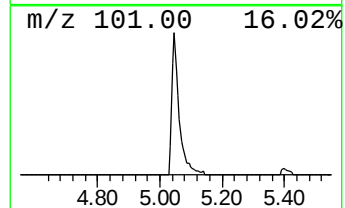
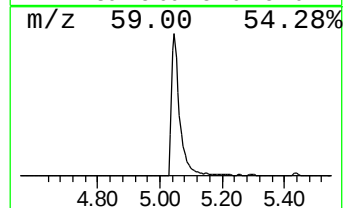
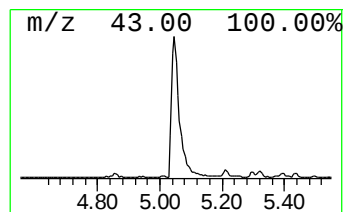
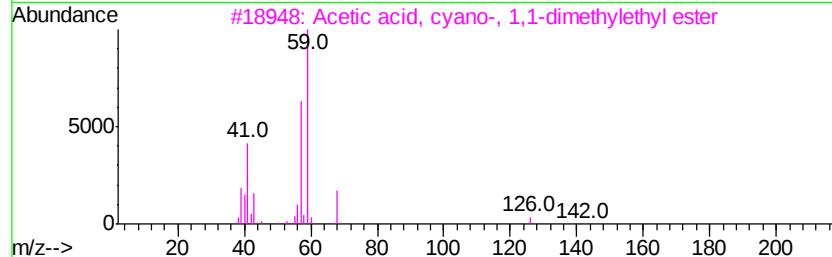
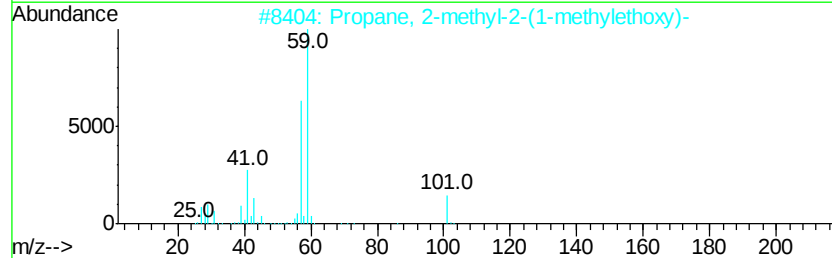
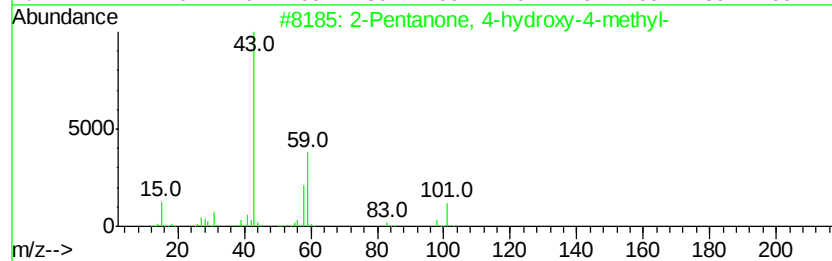
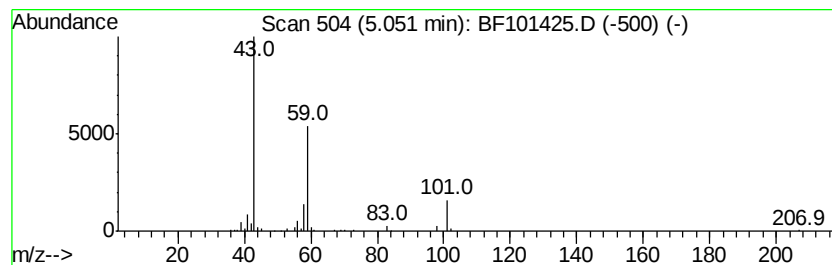
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	6.37 ng	418001	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	53
3			Acetic acid, cyano-, 1,1-dimethylethyl ester	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101425.D
 Acq On : 15 Dec 2017 6:04
 Operator : SJ/JU
 Sample : I6828-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBWW-2-0-4

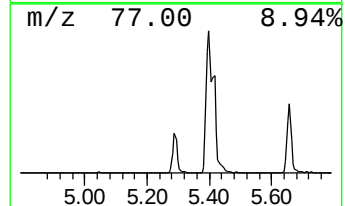
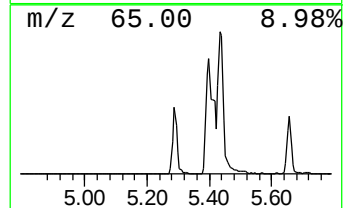
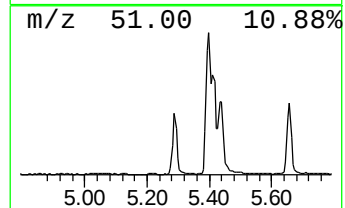
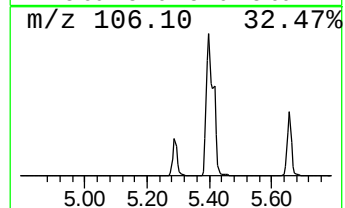
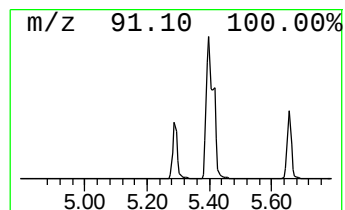
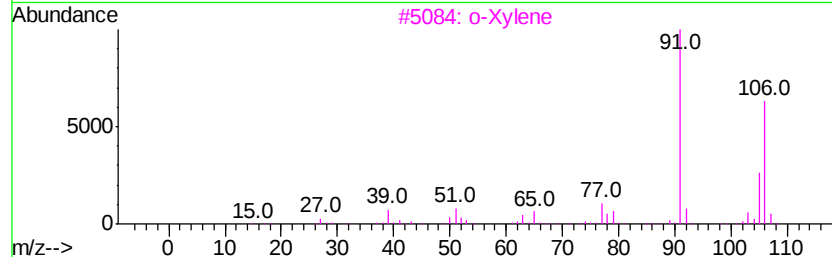
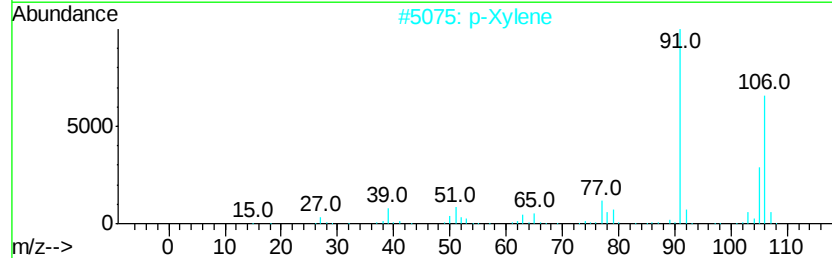
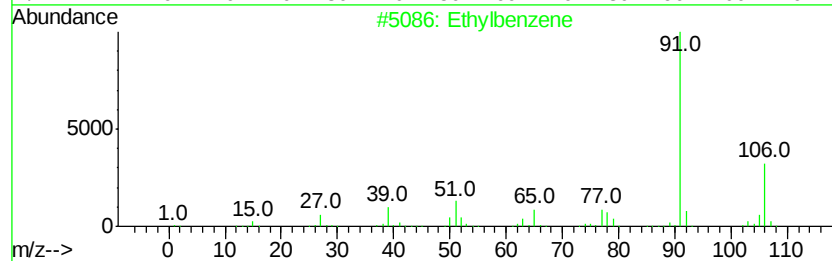
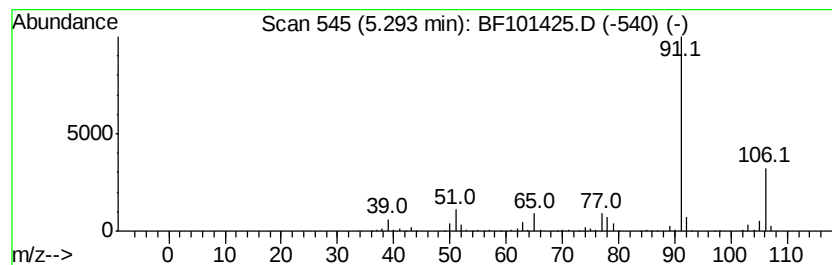
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 2 Ethylbenzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	7.50 ng	492087	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylbenzene	106	C8H10	000100-41-4	94
2			p-Xylene	106	C8H10	000106-42-3	72
3			o-Xylene	106	C8H10	000095-47-6	64
4			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	59
5			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	58



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
DBWW-2-0-4

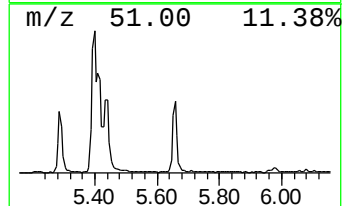
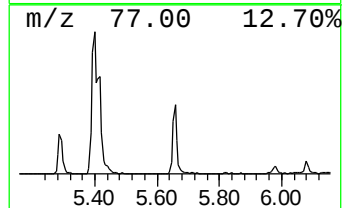
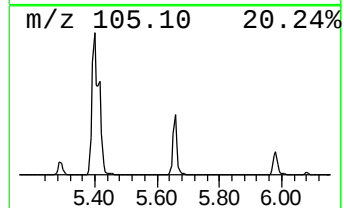
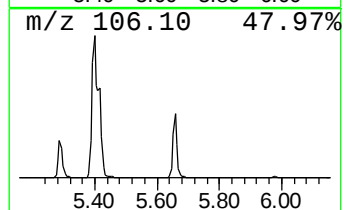
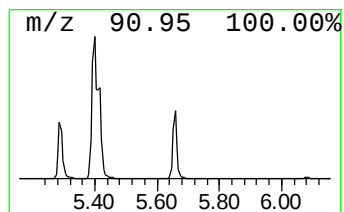
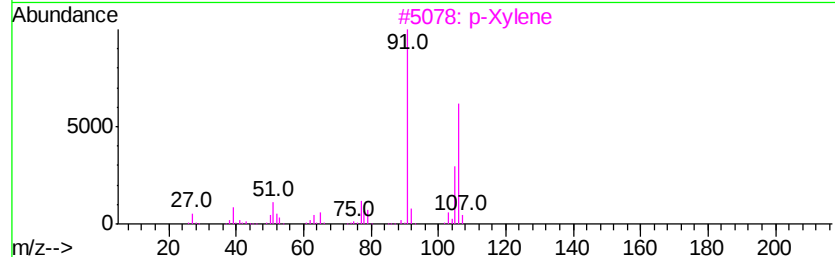
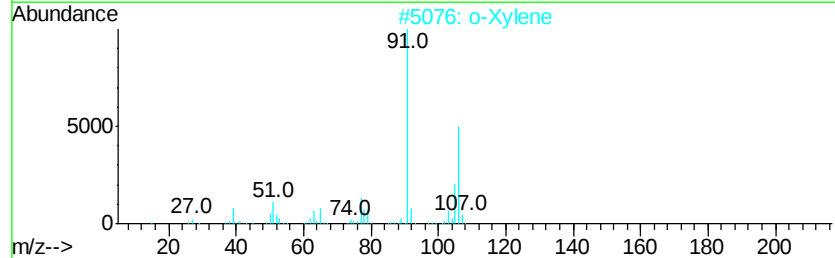
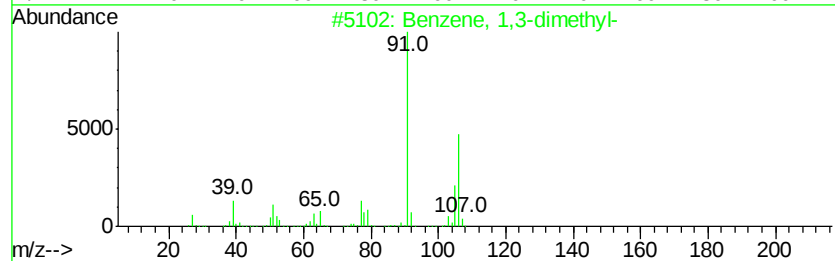
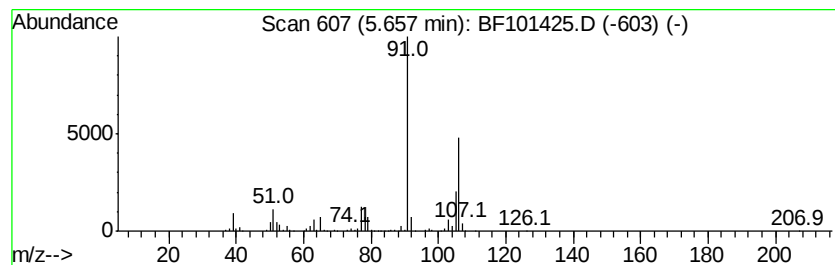
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	10.62 ng	696636	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		o-Xylene	106	C8H10	000095-47-6	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86
5		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

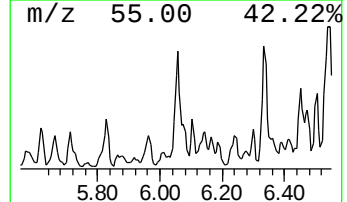
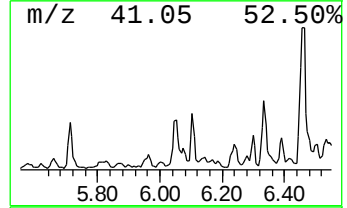
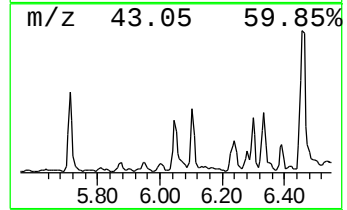
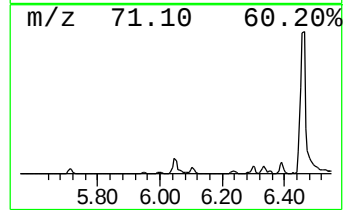
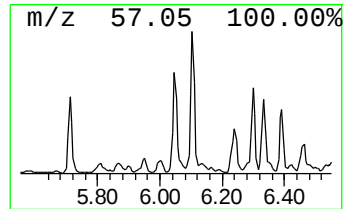
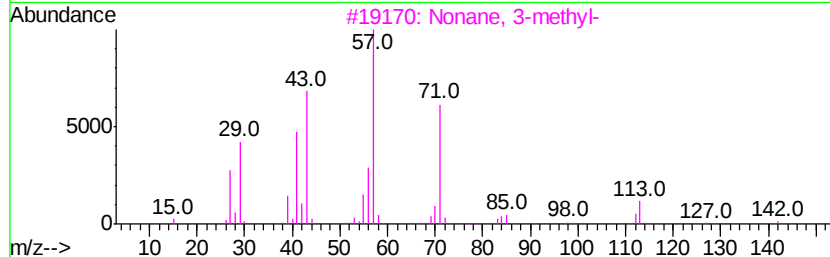
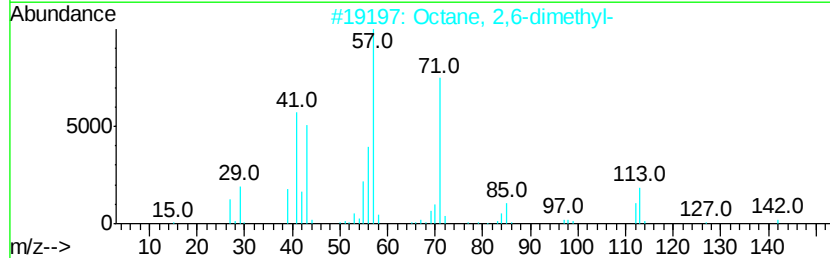
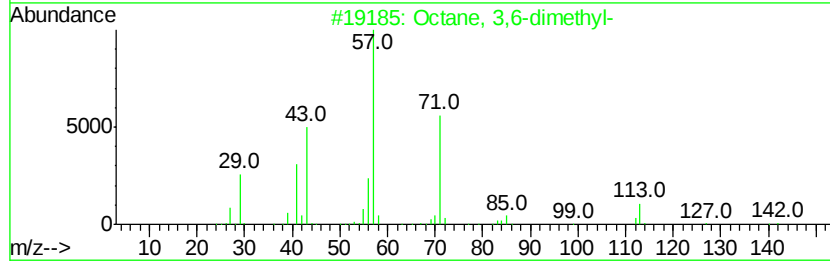
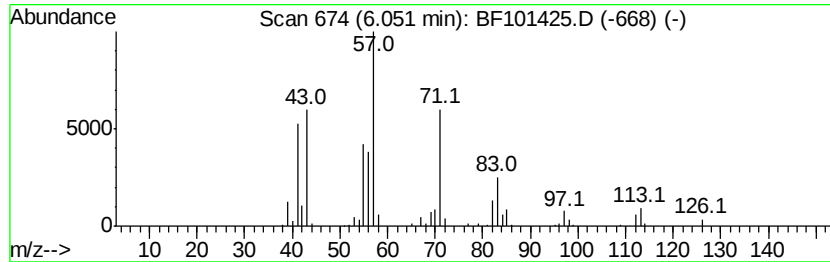
Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	5.39 ng	353618	1,4-Dichlorobenzene-d4	6.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	59
2	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	59
3	Nonane, 3-methyl-	142 C10H22	005911-04-6	59
4	Octane, 2,3,7-trimethyl-	156 C11H24	062016-34-6	53
5	Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

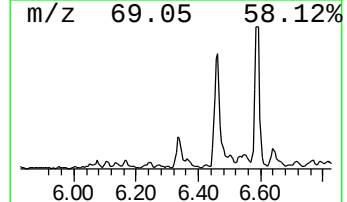
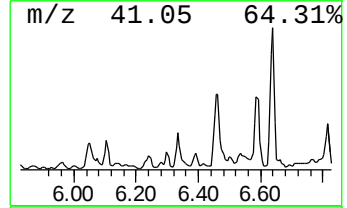
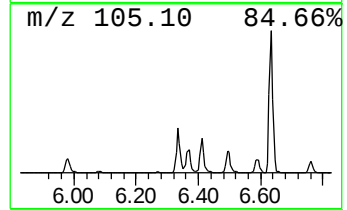
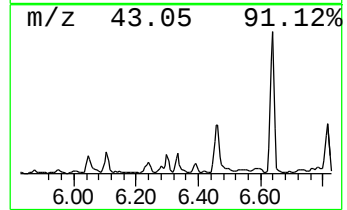
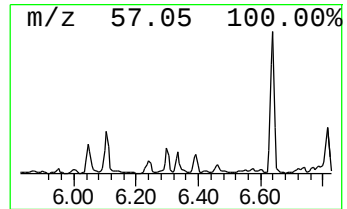
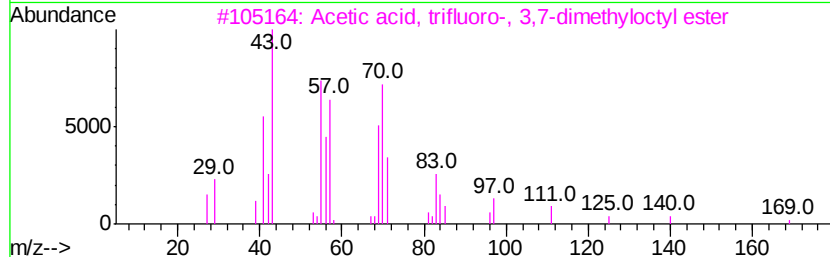
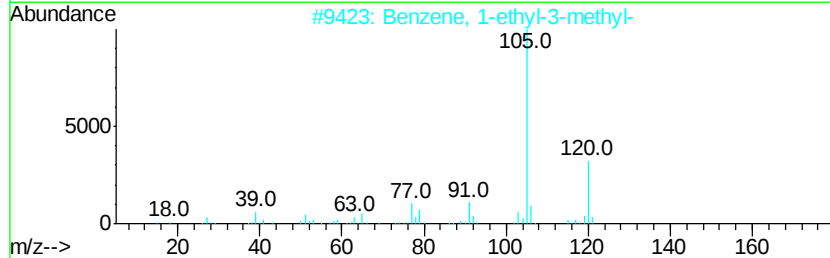
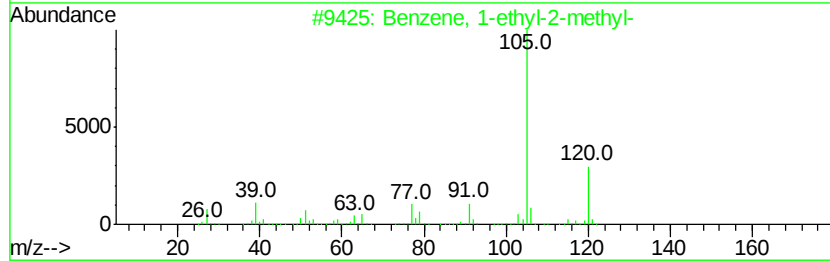
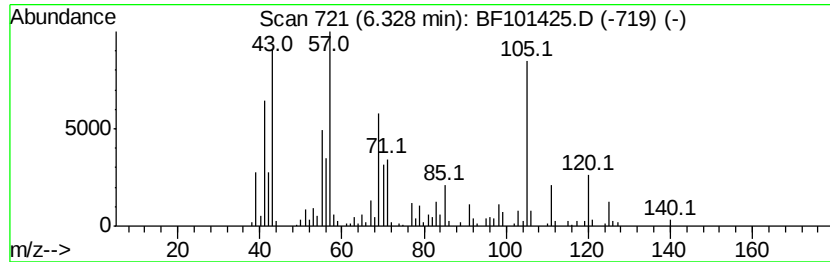
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	8.52 ng	558800	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	56
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	56
3		Acetic acid, trifluoro-, 3,7-dim...	254	C12H21F3O2	028745-07-5	46
4		1-Decene	140	C10H20	000872-05-9	42
5		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

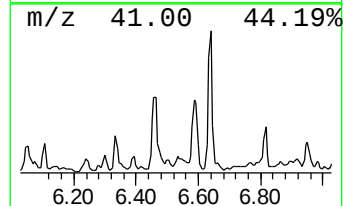
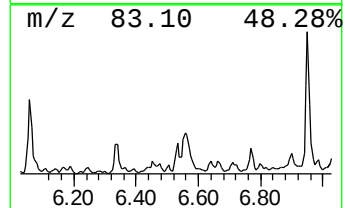
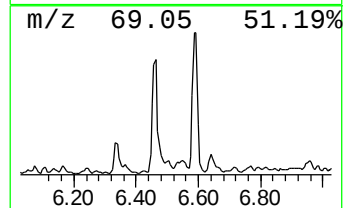
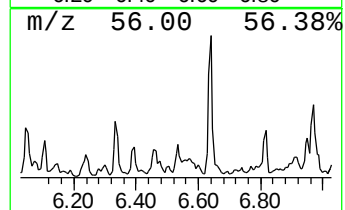
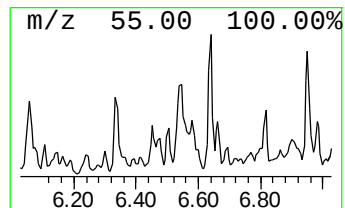
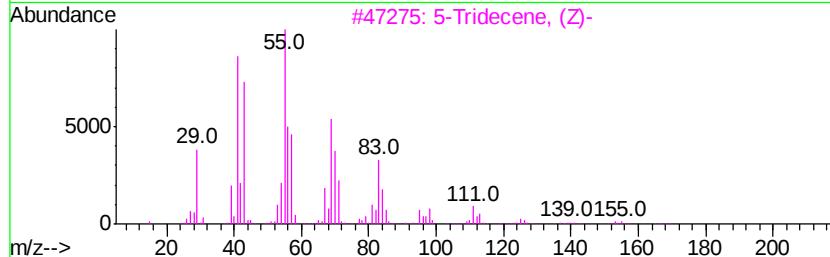
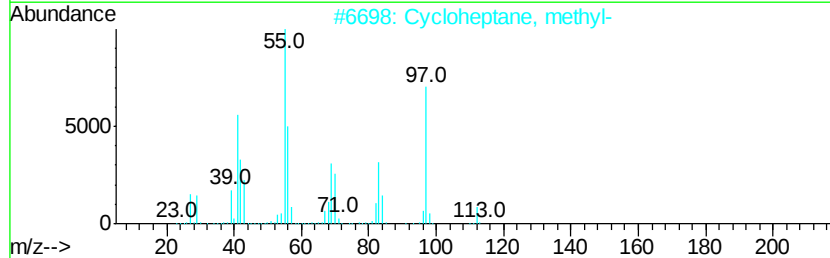
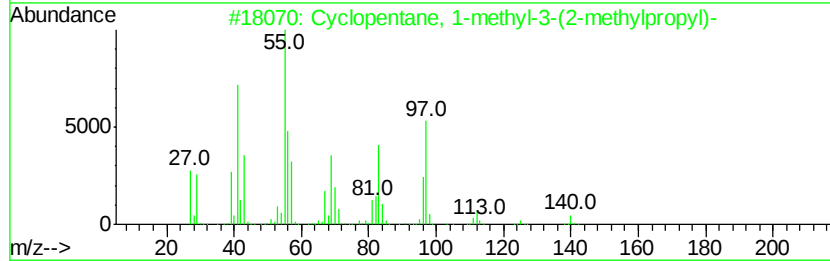
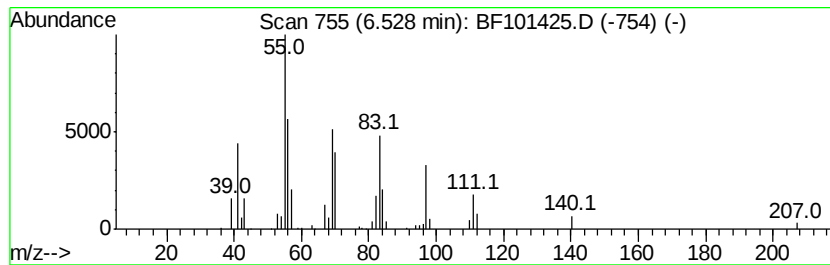
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclopentane, 1-methyl-3-(2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	7.13 ng	467895	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	72
2		Cycloheptane, methyl-	112	C8H16	004126-78-7	64
3		5-Tridecene, (Z)-	182	C13H26	025524-42-9	59
4		Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	53
5		trans-4-Decene	140	C10H20	019398-89-1	49



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

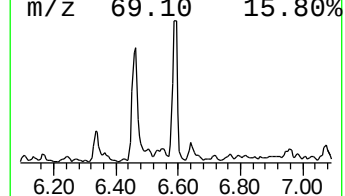
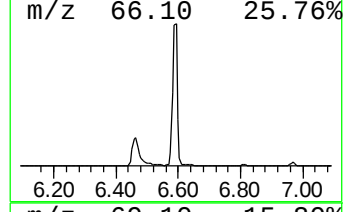
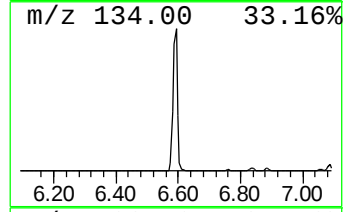
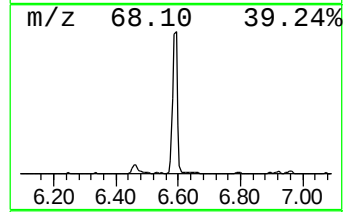
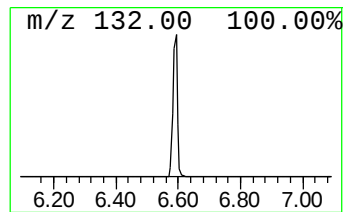
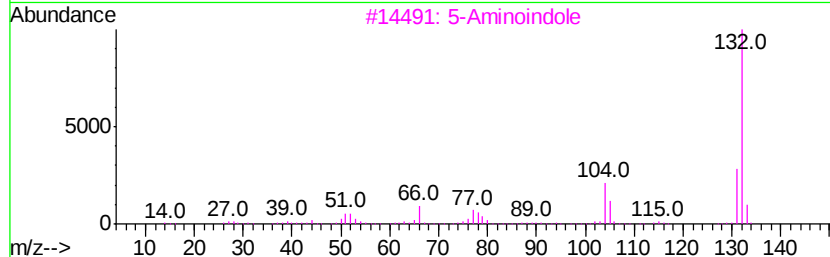
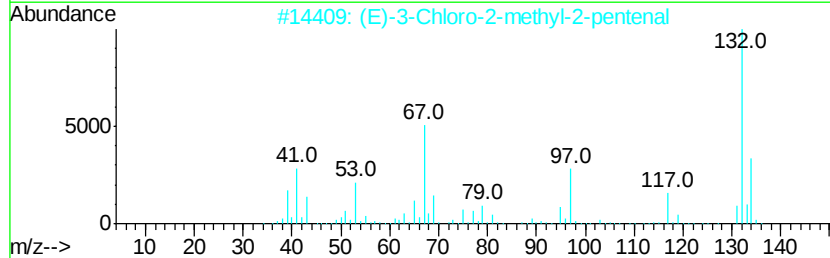
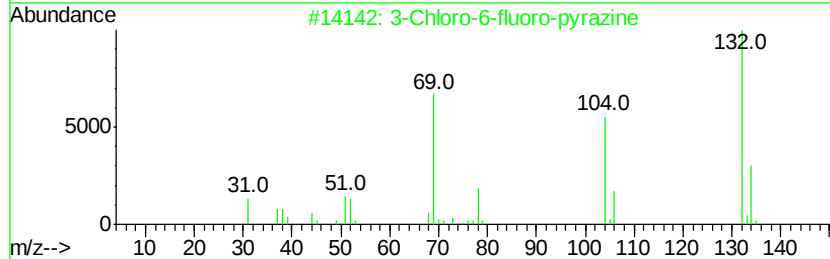
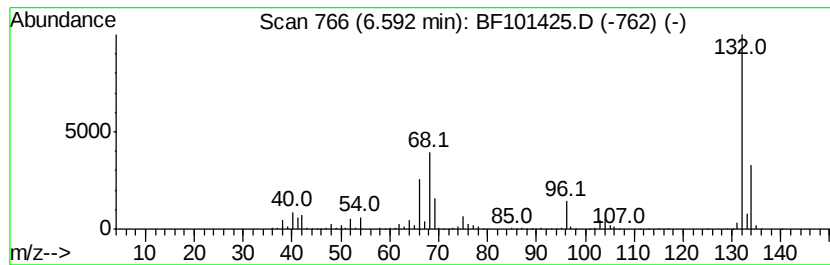
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	58.23 ng	3818530	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

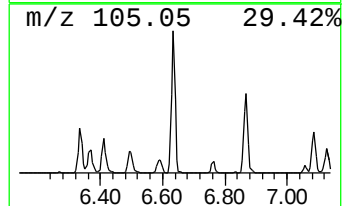
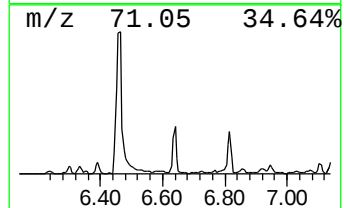
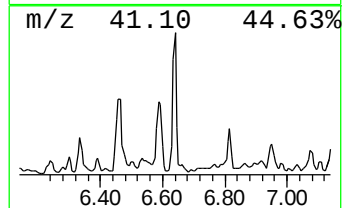
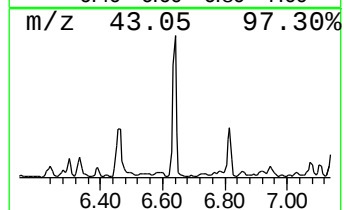
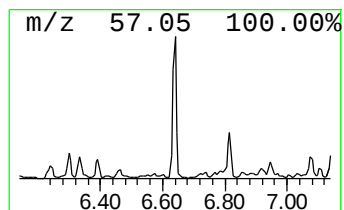
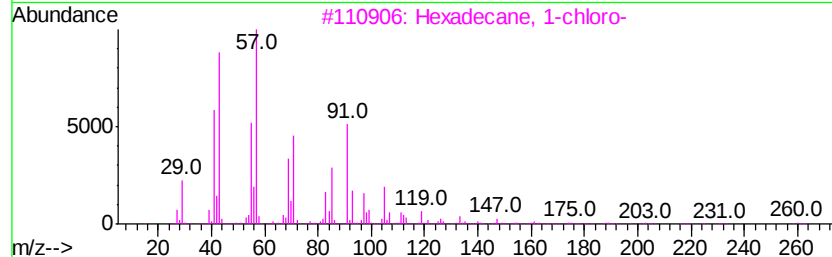
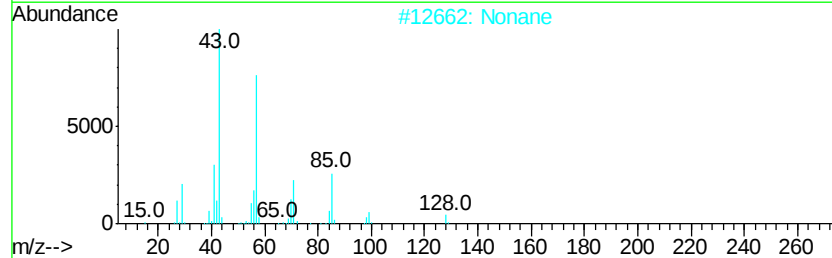
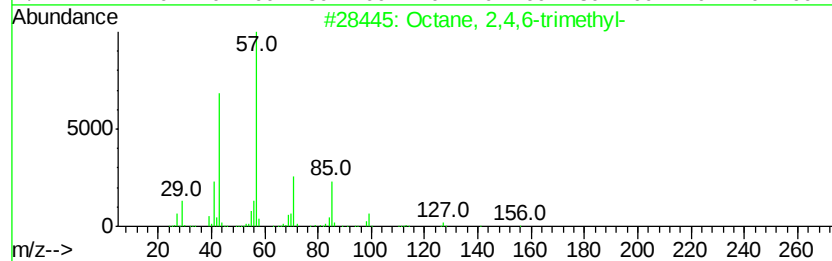
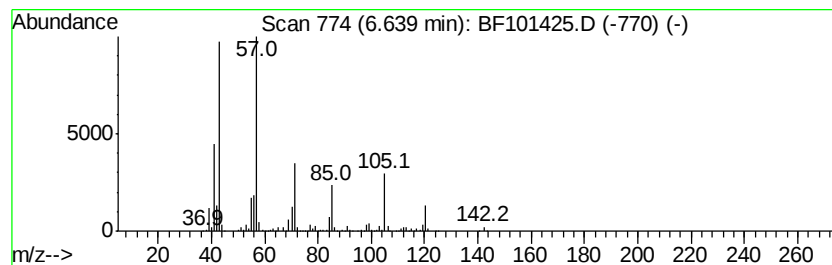
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 2,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	24.20 ng	1587050	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
2		Nonane	128	C9H20	000111-84-2	50
3		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	50
4		Decane	142	C10H22	000124-18-5	47
5		Undecane	156	C11H24	001120-21-4	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

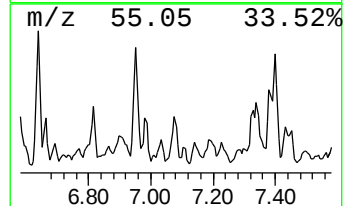
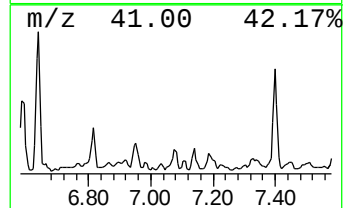
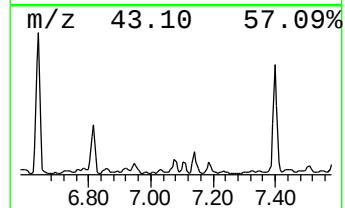
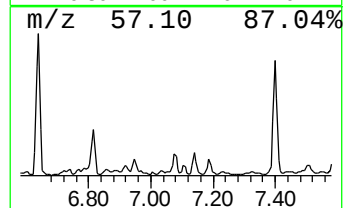
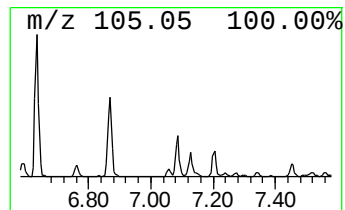
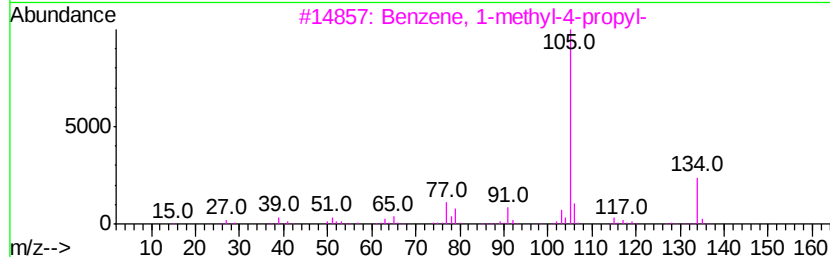
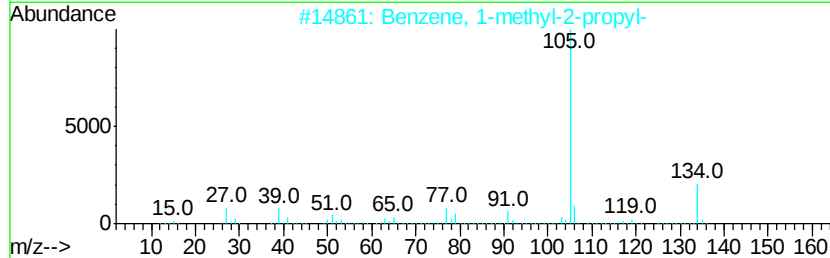
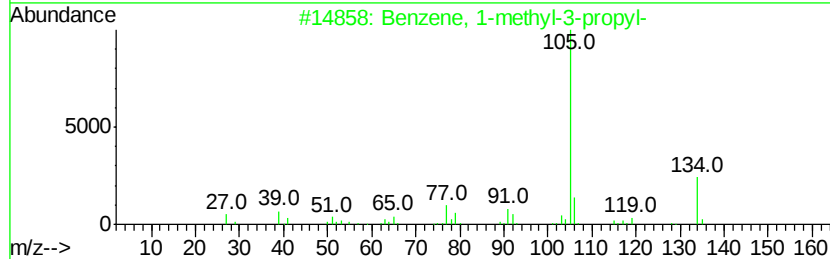
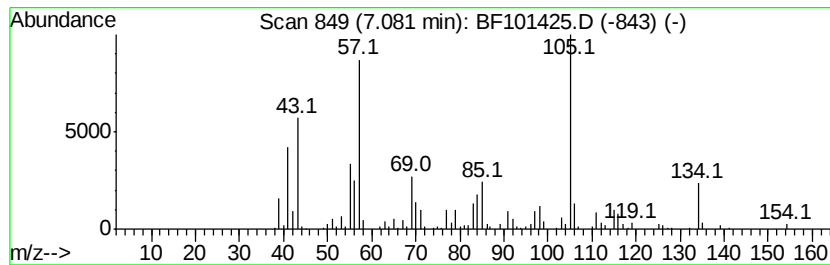
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	6.13 ng	402229	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
5		Tetratetracontane	619	C44H90	007098-22-8	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

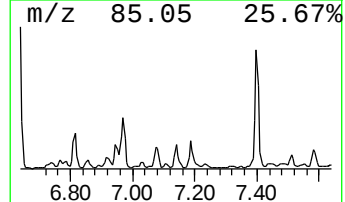
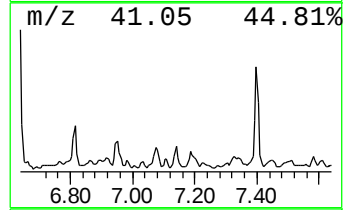
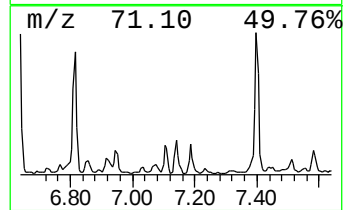
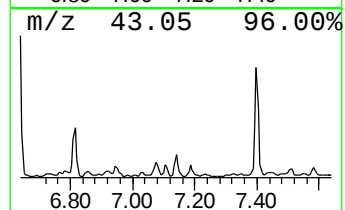
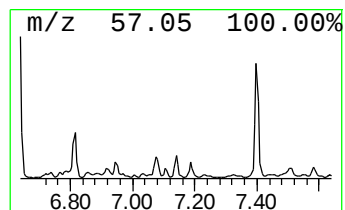
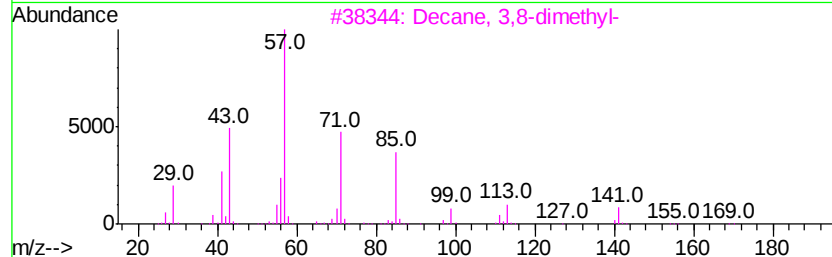
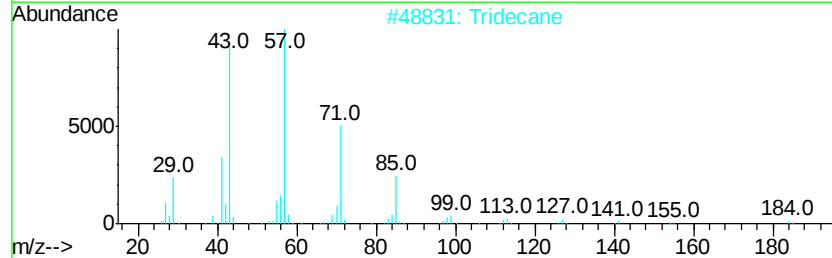
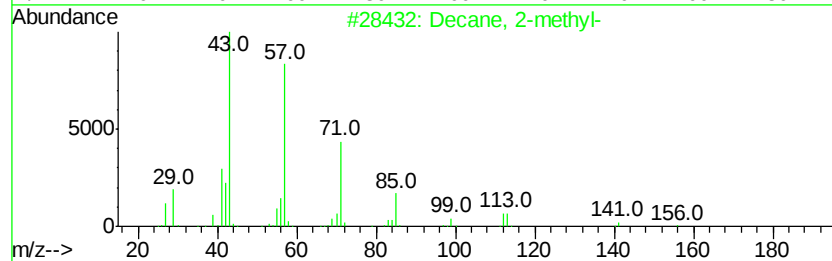
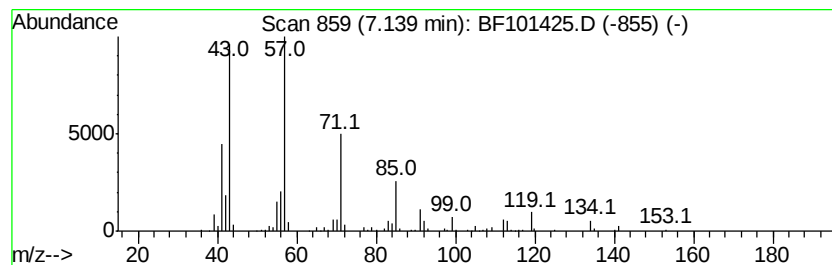
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	5.84 ng	382818	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	72
2			Tridecane	184	C13H28	000629-50-5	64
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

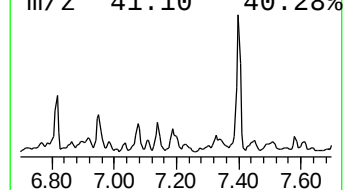
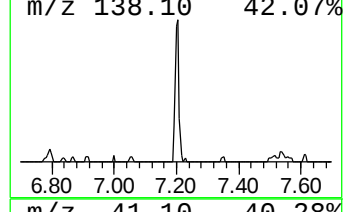
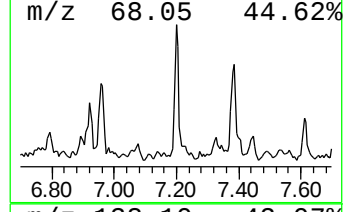
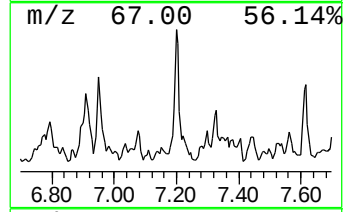
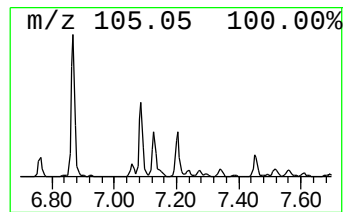
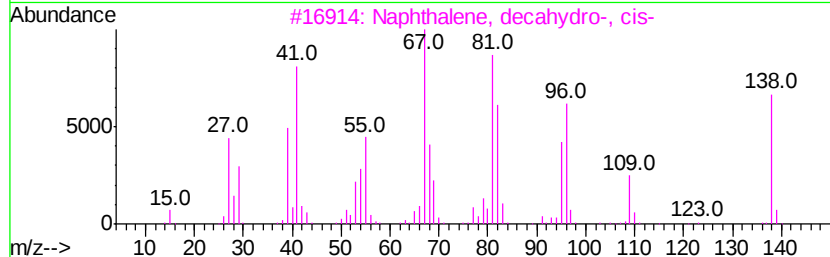
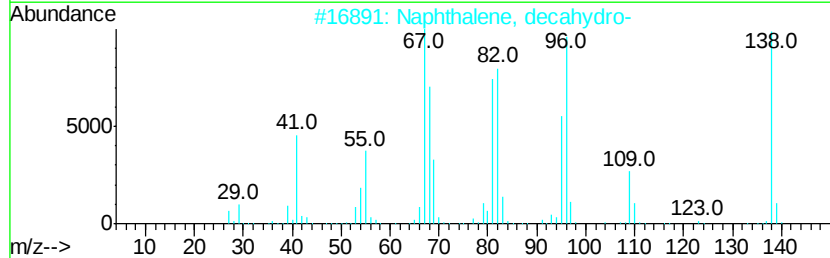
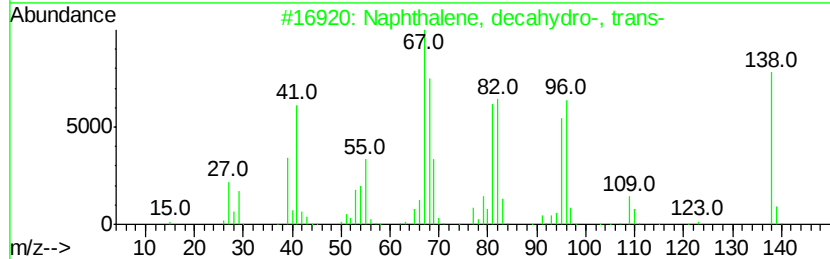
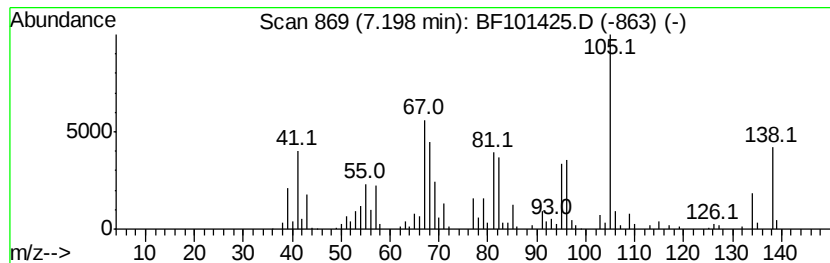
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, decahydro-, tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	4.99 ng	327234	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	89
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	62
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	52
4		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	43
5		Bicyclo[3.3.1]nonan-9-one	138	C9H14O	017931-55-4	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

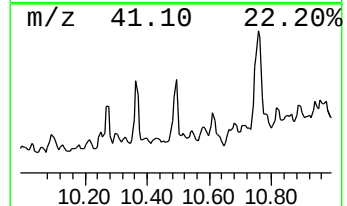
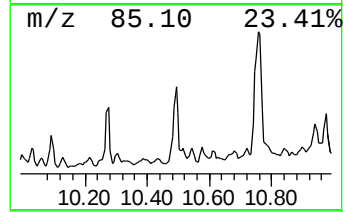
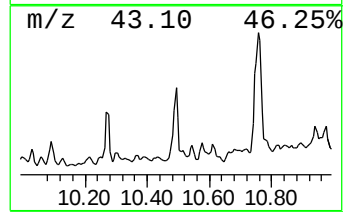
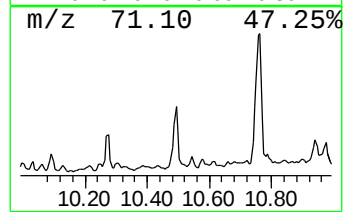
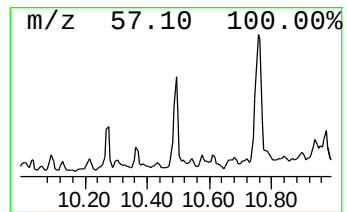
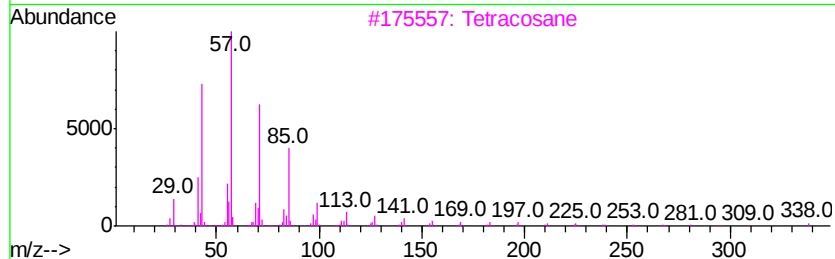
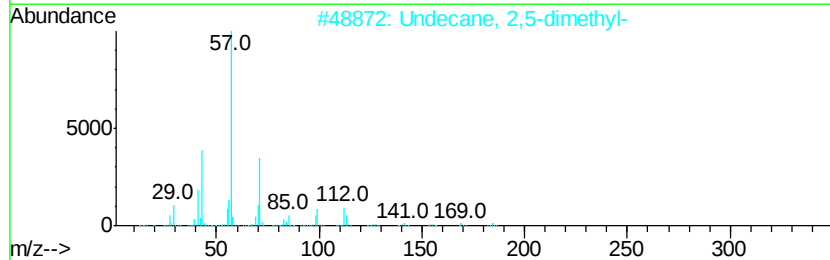
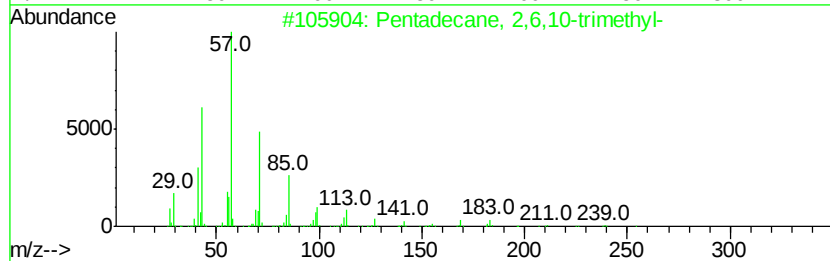
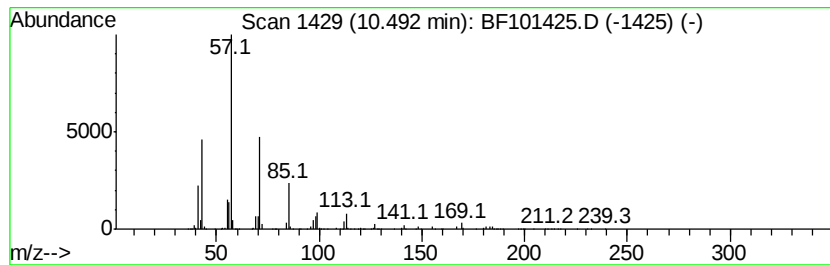
Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	9.40 ng	870138	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0 90
2		Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3 76
3		Tetracosane	338 C24H50	000646-31-1 72
4		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 72
5		Heneicosane	296 C21H44	000629-94-7 72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

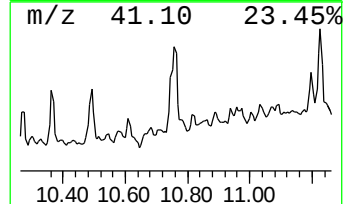
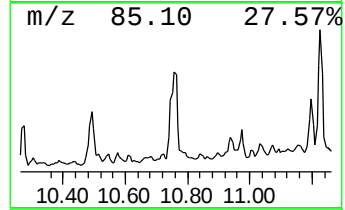
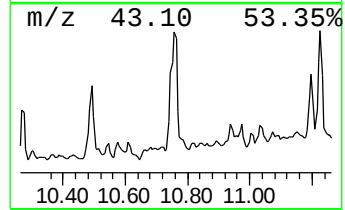
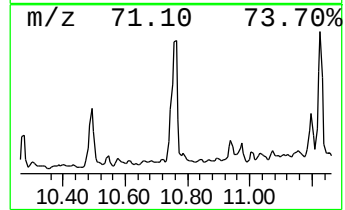
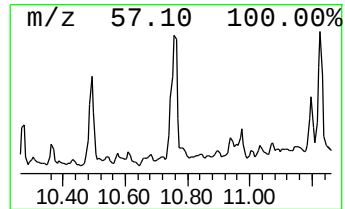
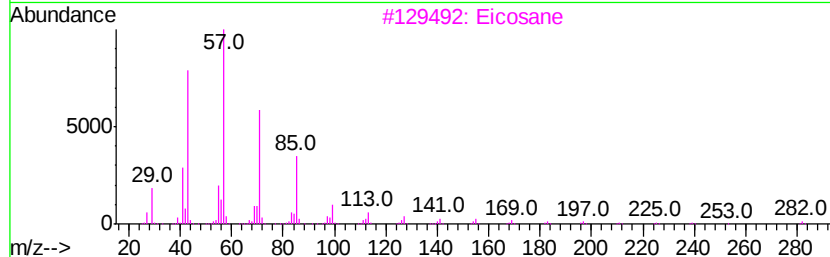
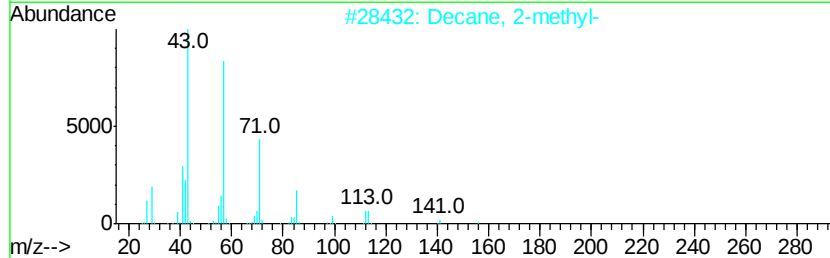
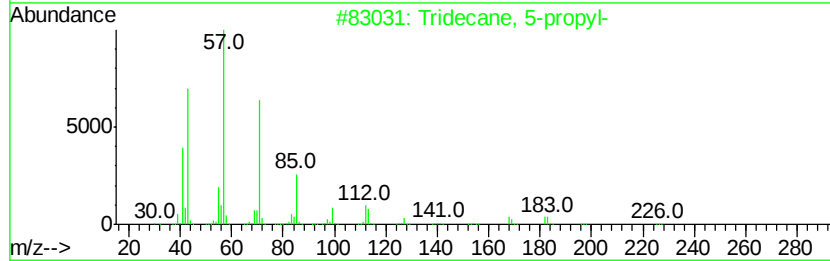
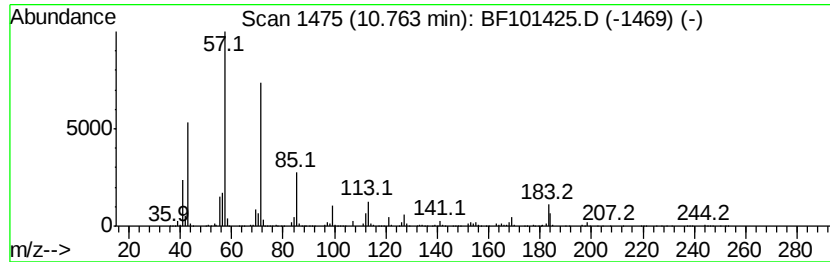
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	38.52 ng	2493730	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
2		Decane, 2-methyl-	156	C11H24	006975-98-0	76
3		Eicosane	282	C20H42	000112-95-8	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Tetradecane	198	C14H30	000629-59-4	58



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

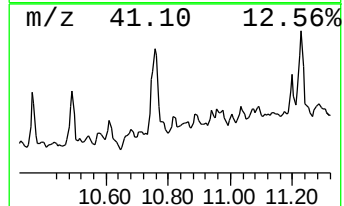
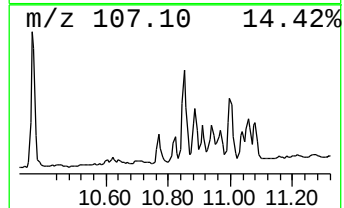
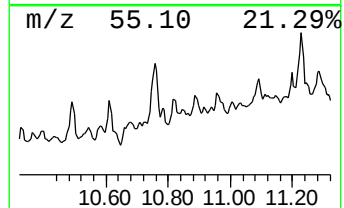
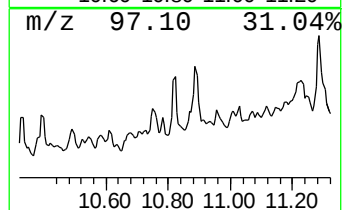
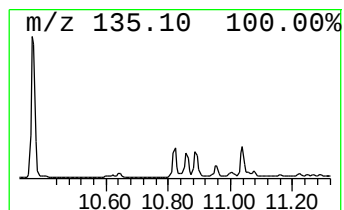
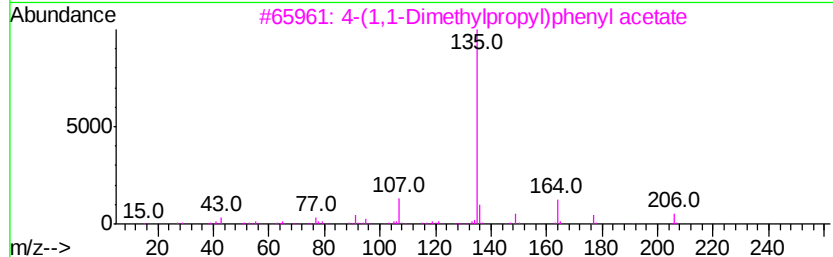
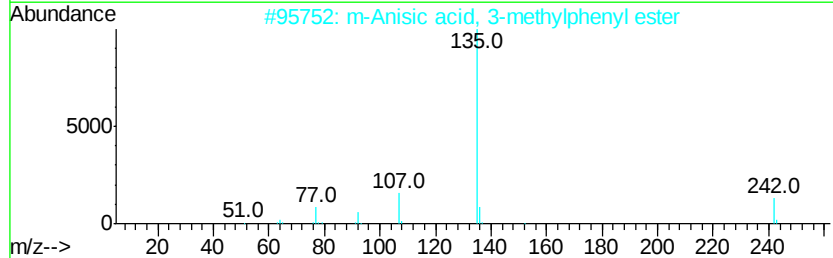
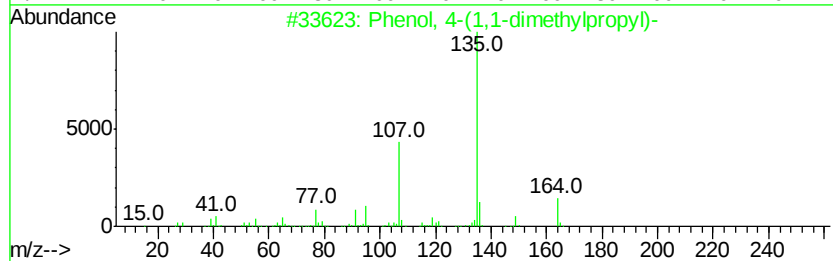
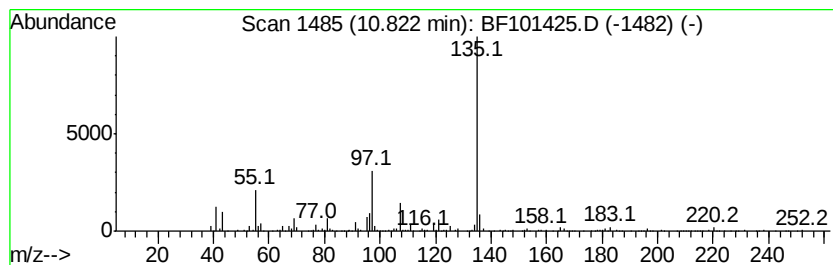
Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenol, 4-(1,1-dimethylprop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.82	5.66 ng	366245	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
2	m-Anisic acid, 3-methylphenyl ester	242	C15H14O3	1000307-79-8	50
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	50
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	50
5	4-Methyl-2-(phenylacetyl)phenol	226	C15H14O2	024258-63-7	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

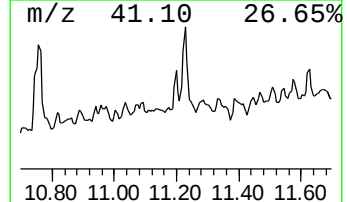
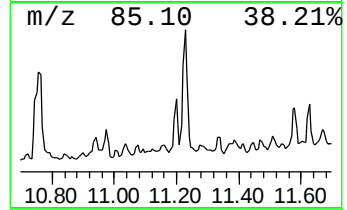
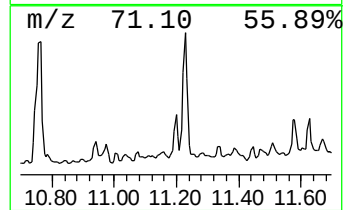
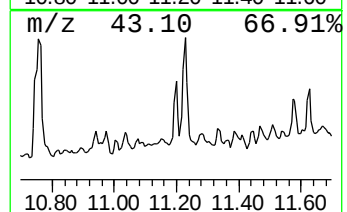
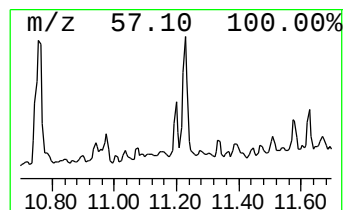
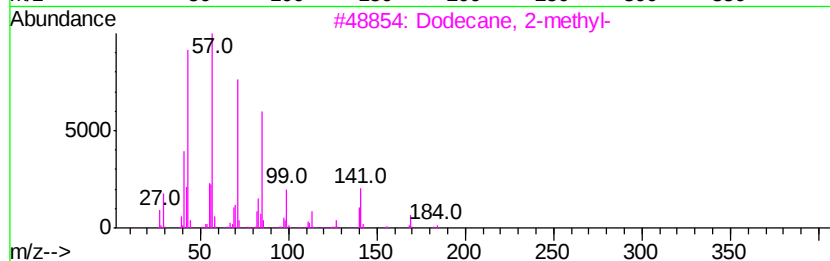
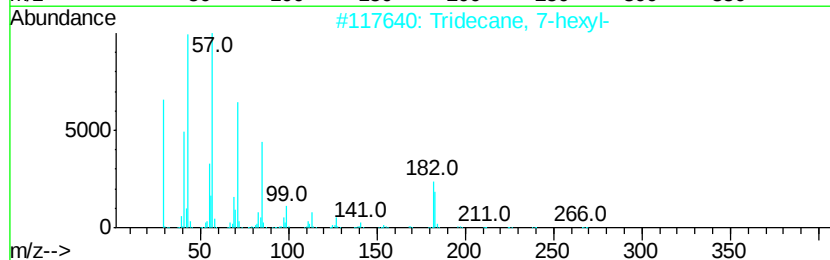
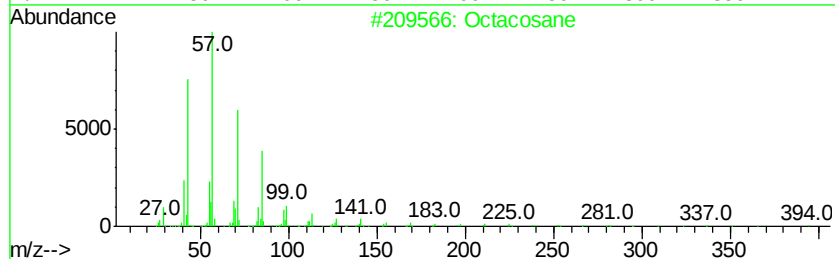
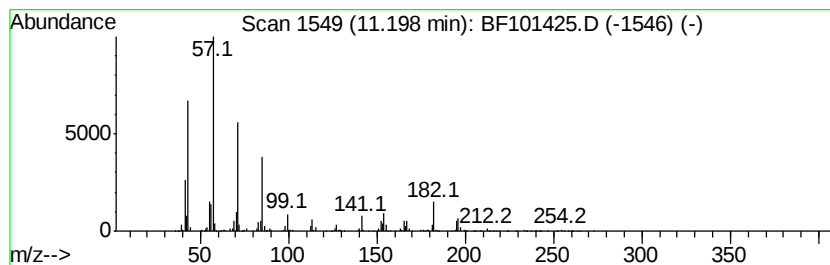
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	10.76 ng	696737	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	58
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	58
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	58
4		Hexadecane	226	C16H34	000544-76-3	58
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

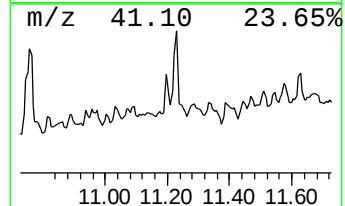
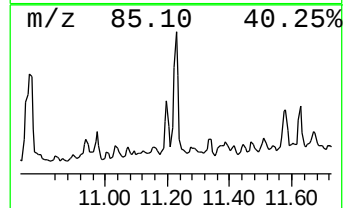
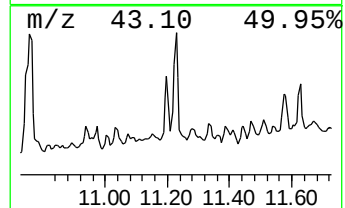
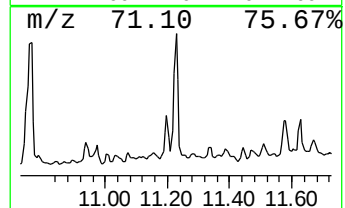
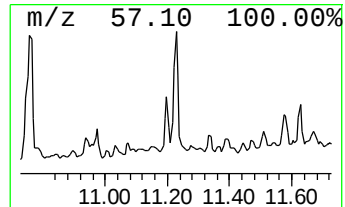
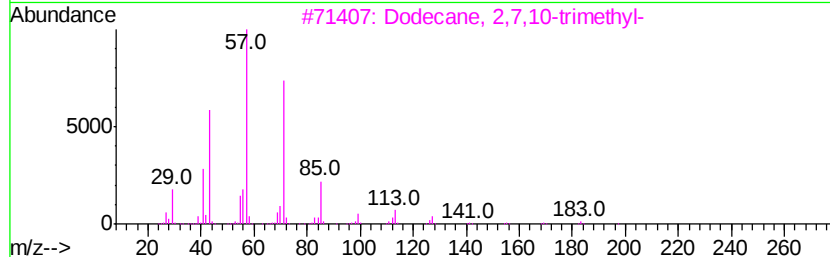
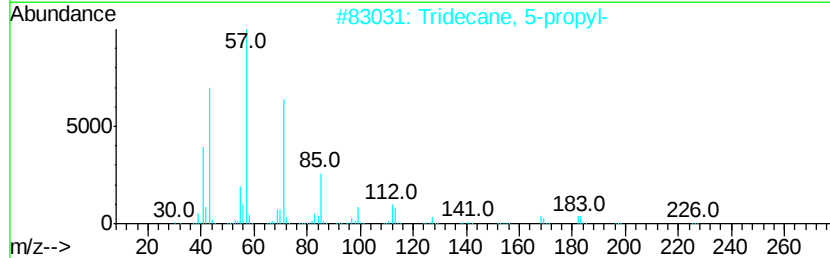
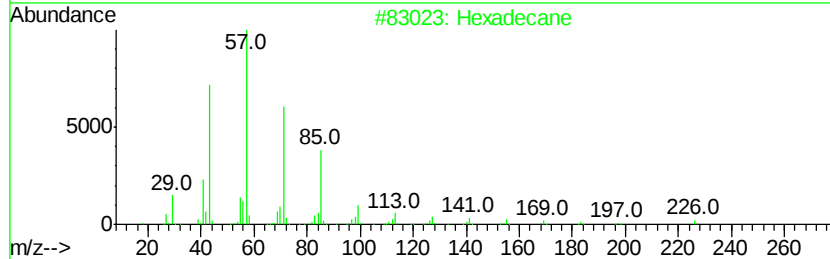
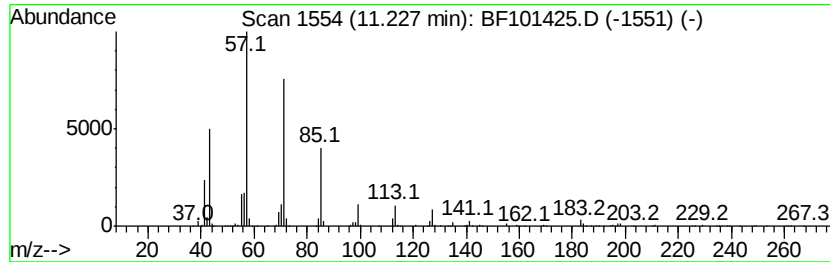
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	28.81 ng	1865230	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	68



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101425.D
Acq On : 15 Dec 2017 6:04
Operator : SJ/JU
Sample : I6828-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

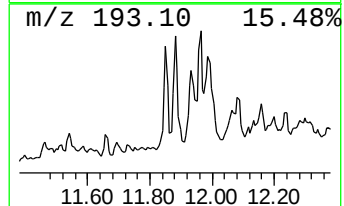
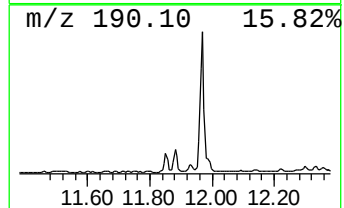
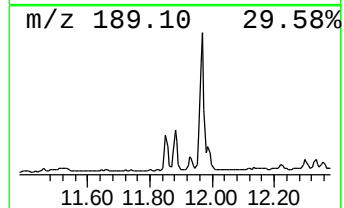
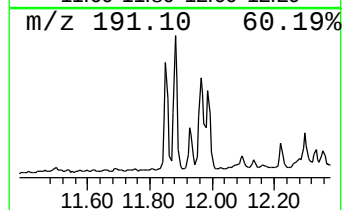
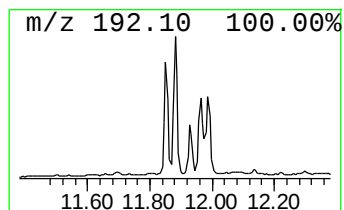
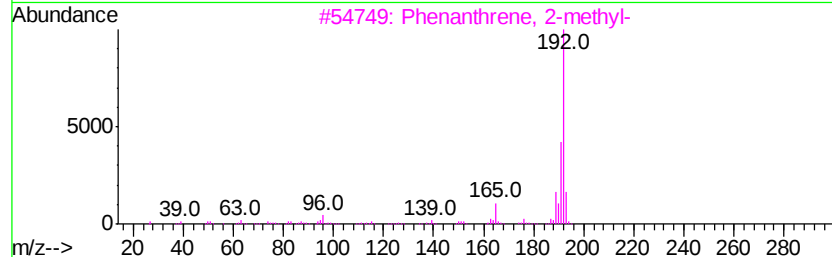
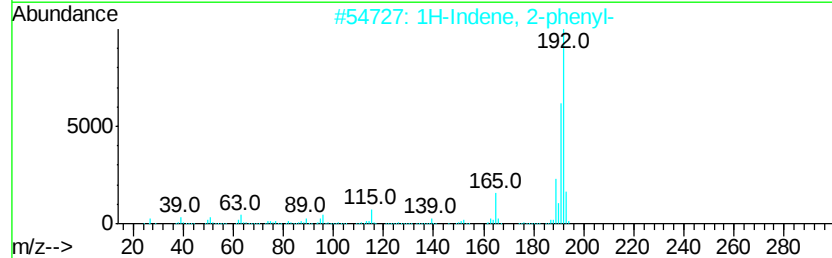
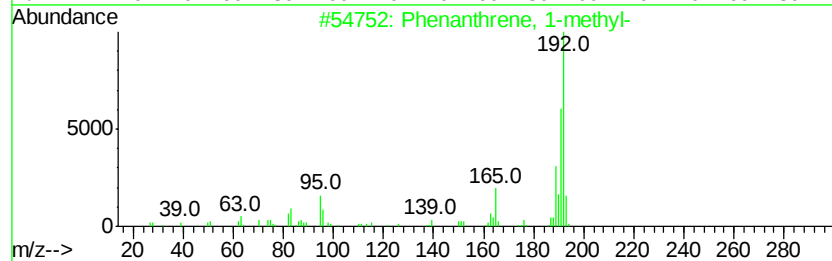
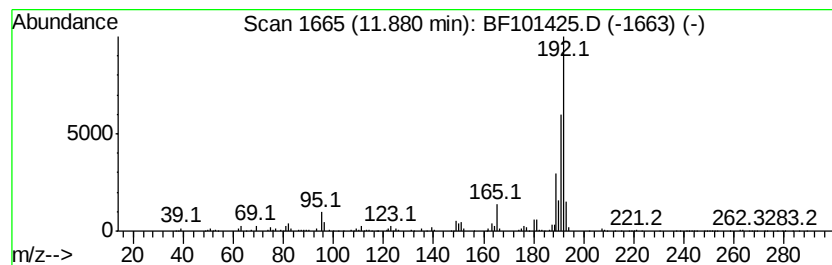
Instrument :
BNA_F
ClientSampleId :
DBWW-2-0-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.88	8.56 ng	554440	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101425.D
 Acq On : 15 Dec 2017 6:04
 Operator : SJ/JU
 Sample : I6828-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBWW-2-0-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
2-Pentanone, 4-hy...	5.05	6.4	ng	418001	1	6.82	1311570	20.0
Ethylbenzene	5.29	7.5	ng	492087	1	6.82	1311570	20.0
Benzene, 1,3-dime...	5.66	10.6	ng	696636	1	6.82	1311570	20.0
Octane, 3,6-dimet...	6.05	5.4	ng	353618	1	6.82	1311570	20.0
Benzene, 1-ethyl-...	6.33	8.5	ng	558800	1	6.82	1311570	20.0
Cyclopentane, 1-m...	6.53	7.1	ng	467895	1	6.82	1311570	20.0
unknown6.59	6.59	58.2	ng	3818530	1	6.82	1311570	20.0
Octane, 2,4,6-tri...	6.64	24.2	ng	1587050	1	6.82	1311570	20.0
Benzene, 1-methyl...	7.08	6.1	ng	402229	1	6.82	1311570	20.0
Decane, 2-methyl-	7.14	5.8	ng	382818	1	6.82	1311570	20.0
Naphthalene, deca...	7.20	5.0	ng	327234	1	6.82	1311570	20.0
Pentadecane, 2,6,...	10.49	9.4	ng	870138	3	9.85	1851080	20.0
Tridecane, 5-propyl-	10.76	38.5	ng	2493730	4	11.35	1294720	20.0
Phenol, 4-(1,1-di...	10.82	5.7	ng	366245	4	11.35	1294720	20.0
Octacosane	11.20	10.8	ng	696737	4	11.35	1294720	20.0
Hexadecane	11.23	28.8	ng	1865230	4	11.35	1294720	20.0
Phenanthrene, 1-m...	11.88	8.6	ng	554440	4	11.35	1294720	20.0