

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107121.D
 Acq On : 5 Jul 2018 12:40
 Operator : JU/SJ
 Sample : J3796-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.072	290	295	304	rVB	122986	151969	11.38%	1.008%
2	5.184	476	484	498	rBV	144657	183537	13.74%	1.217%
3	5.437	524	527	531	rBV	98166	84011	6.29%	0.557%
4	5.543	542	545	547	rBV	115858	116956	8.76%	0.776%
5	5.560	547	548	550	rVV	92222	55506	4.16%	0.368%
6	5.590	550	553	560	rVB	1147429	1173457	87.85%	7.782%
7	5.801	585	589	592	rBV	64583	61094	4.57%	0.405%
8	6.466	699	702	705	rBV	33539	27949	2.09%	0.185%
9	6.495	705	707	712	rVB	14218	14912	1.12%	0.099%
10	6.543	712	715	719	rBV	18982	14508	1.09%	0.096%
11	6.595	719	724	734	rBV	1177821	1233670	92.36%	8.182%
12	6.725	742	746	749	rBV	1354570	1227036	91.86%	8.138%
13	6.766	749	753	757	rVB	69956	54804	4.10%	0.363%
14	6.948	780	784	787	rBV	418906	357008	26.73%	2.368%
15	7.101	806	810	813	rBV	1060627	999519	74.83%	6.629%
16	7.125	813	814	817	rVB	93391	42777	3.20%	0.284%
17	7.207	822	828	831	rBV2	35221	36766	2.75%	0.244%
18	7.319	843	847	848	rBV2	17542	20454	1.53%	0.136%
19	7.513	875	880	883	rBV	816516	816417	61.12%	5.414%
20	7.960	953	956	962	rBV3	24101	29033	2.17%	0.193%
21	8.189	992	995	998	rBV	25764	21517	1.61%	0.143%
22	8.231	998	1002	1004	rVV	498788	450662	33.74%	2.989%
23	8.248	1004	1005	1011	rVB2	98556	92332	6.91%	0.612%
24	8.507	1044	1049	1053	rBV3	13162	17641	1.32%	0.117%
25	8.631	1067	1070	1072	rBV	28985	25295	1.89%	0.168%
26	8.801	1095	1099	1103	rVB	35349	31418	2.35%	0.208%
27	8.942	1119	1123	1126	rBV	43788	40299	3.02%	0.267%
28	8.995	1129	1132	1136	rBV4	13771	18805	1.41%	0.125%
29	9.042	1137	1140	1145	rVB	26598	24929	1.87%	0.165%
30	9.101	1145	1150	1151	rBV3	13149	16037	1.20%	0.106%
31	9.231	1165	1172	1174	rBV	51621	57787	4.33%	0.383%
32	9.301	1178	1184	1187	rBV	1452726	1335738	100.00%	8.859%
33	9.366	1192	1195	1199	rVV2	51325	64486	4.83%	0.428%
34	9.407	1199	1202	1206	rVB4	24112	27100	2.03%	0.180%

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35	9.572	1226	1230	1233	rBV2	27048	35872	2.69%	0.238%
36	9.642	1239	1242	1245	rBV2	33307	34667	2.60%	0.230%
37	9.695	1245	1251	1256	rVB2	233160	292868	21.93%	1.942%
38	9.842	1273	1276	1279	rBV3	50936	57082	4.27%	0.379%
39	9.895	1281	1285	1289	rVB3	70150	90983	6.81%	0.603%
40	9.966	1294	1297	1298	rVV3	35035	37866	2.83%	0.251%
41	9.989	1298	1301	1304	rVV	549155	482203	36.10%	3.198%
42	10.019	1304	1306	1313	rVB	66186	88598	6.63%	0.588%
43	10.154	1327	1329	1331	rVB	36143	23613	1.77%	0.157%
44	10.219	1338	1340	1350	rVB6	43525	83148	6.22%	0.551%
45	10.301	1351	1354	1357	rBV5	50166	67004	5.02%	0.444%
46	10.331	1357	1359	1363	rVB3	49383	53379	4.00%	0.354%
47	10.389	1366	1369	1372	rVB2	63734	69400	5.20%	0.460%
48	10.613	1404	1407	1410	rBV	192465	191738	14.35%	1.272%
49	10.783	1432	1436	1439	rBV	766167	775812	58.08%	5.145%
50	10.883	1449	1453	1456	rBV	331453	334249	25.02%	2.217%
51	11.089	1485	1488	1491	rBV2	85661	94898	7.10%	0.629%
52	11.348	1529	1532	1536	rVB	296964	273259	20.46%	1.812%
53	11.483	1552	1555	1558	rBV	471465	397624	29.77%	2.637%
54	11.507	1558	1559	1567	rVB	80600	65976	4.94%	0.438%
55	11.695	1589	1591	1594	rBV	96994	100332	7.51%	0.665%
56	12.219	1677	1680	1687	rVB2	125463	150630	11.28%	0.999%
57	12.430	1714	1716	1719	rVB2	69215	68236	5.11%	0.453%
58	12.536	1731	1734	1737	rBV2	79724	78576	5.88%	0.521%
59	12.701	1759	1762	1765	rVB	106981	91980	6.89%	0.610%
60	12.936	1800	1802	1807	rVB	127297	117490	8.80%	0.779%
61	13.030	1816	1818	1821	rBV3	58723	52539	3.93%	0.348%
62	13.066	1821	1824	1827	rVB	1127517	977283	73.16%	6.481%
63	13.201	1845	1847	1850	rBV	61085	54374	4.07%	0.361%
64	13.942	1971	1973	1979	rBV4	54969	57298	4.29%	0.380%
65	14.136	2002	2006	2009	rBV	454856	457431	34.25%	3.034%
66	15.677	2264	2268	2272	rVB	323249	396577	29.69%	2.630%

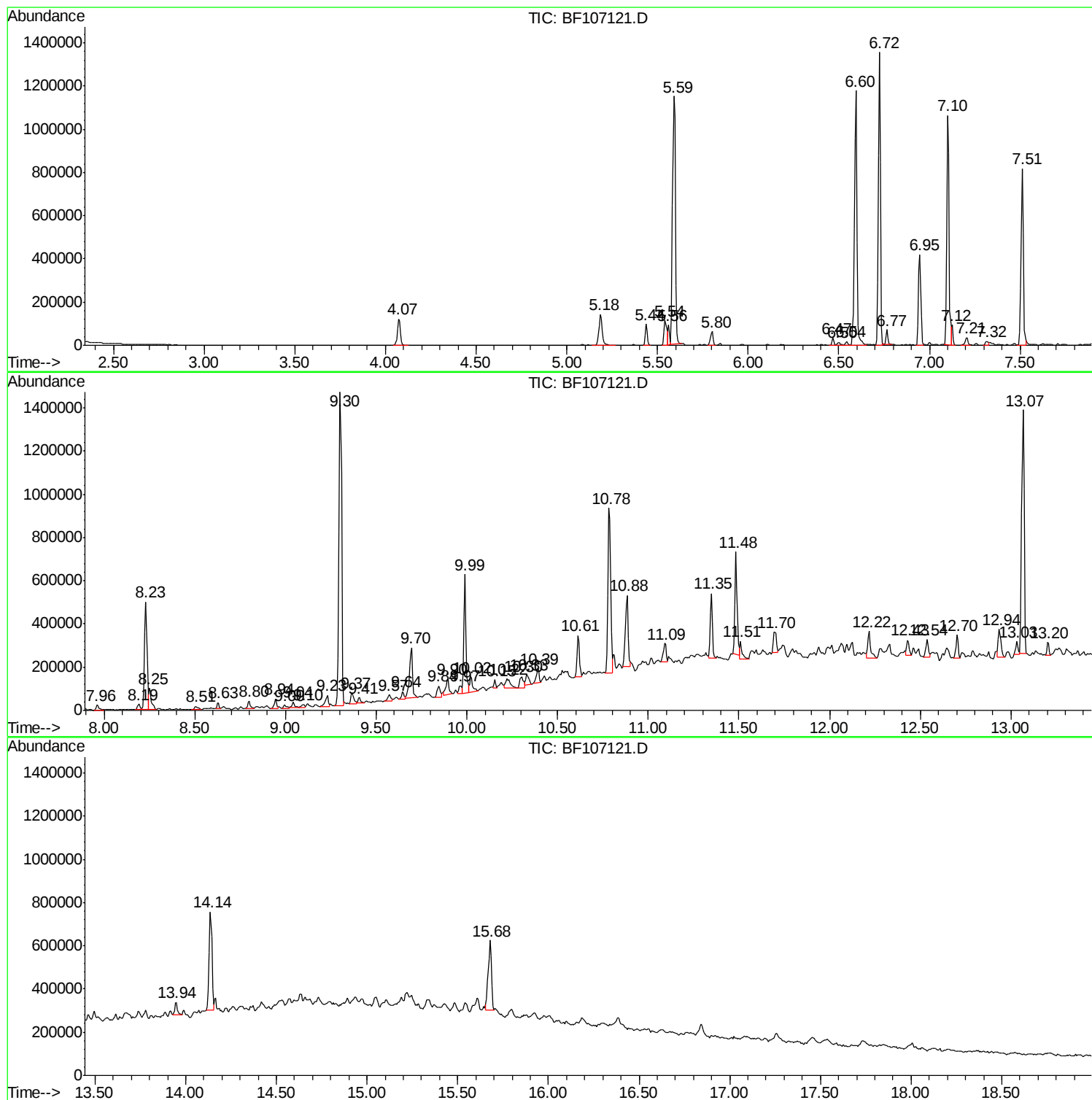
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ClientSampled :
JC-SOIL

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



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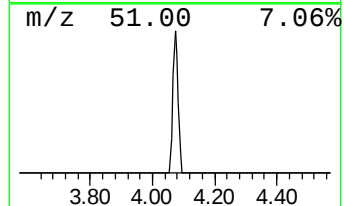
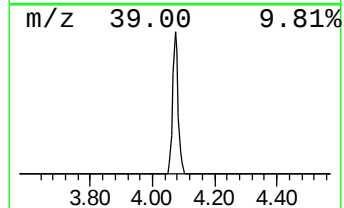
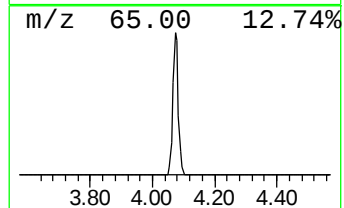
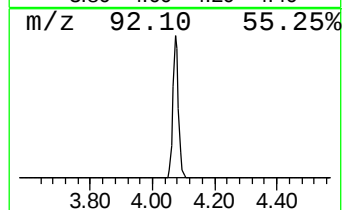
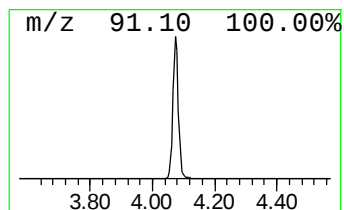
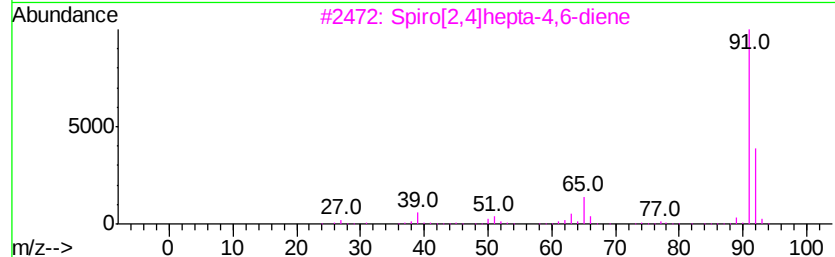
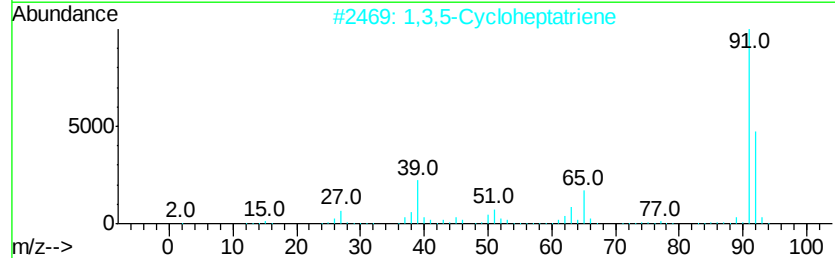
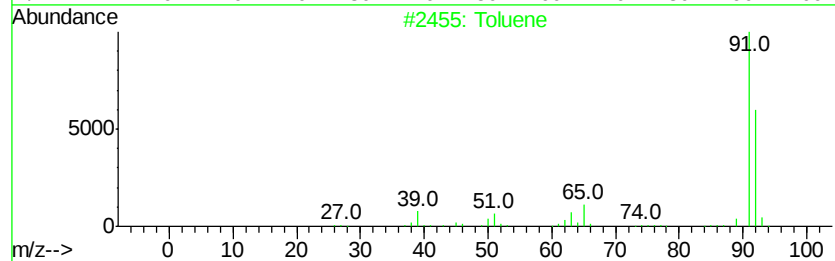
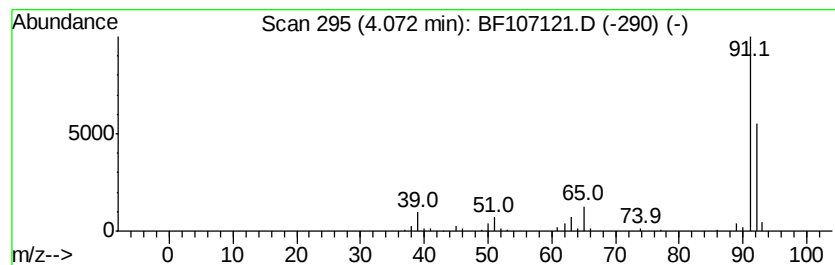
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	8.51 ng	151969	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	95
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3			Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	87
4			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	64
5			2,5-Norbornadiene	92	C7H8	000121-46-0	64



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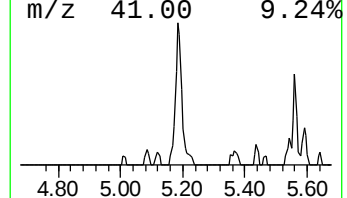
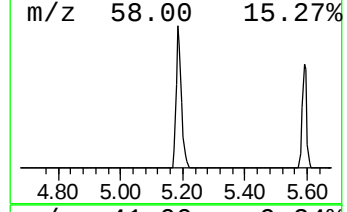
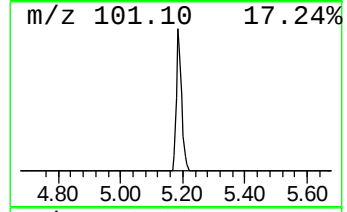
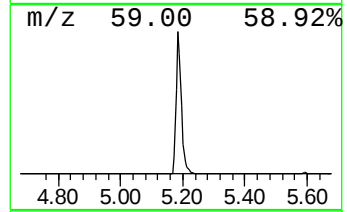
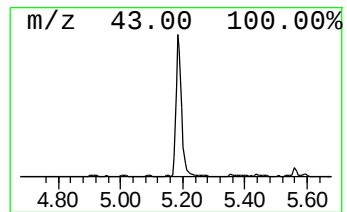
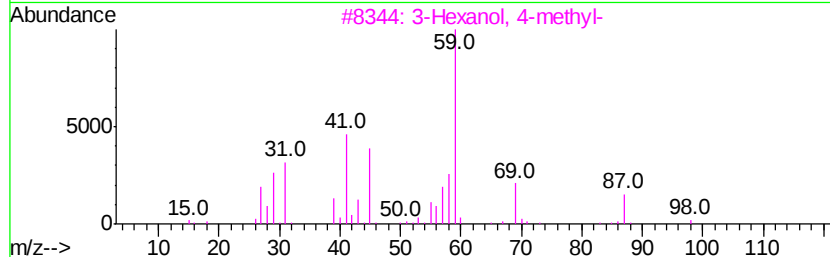
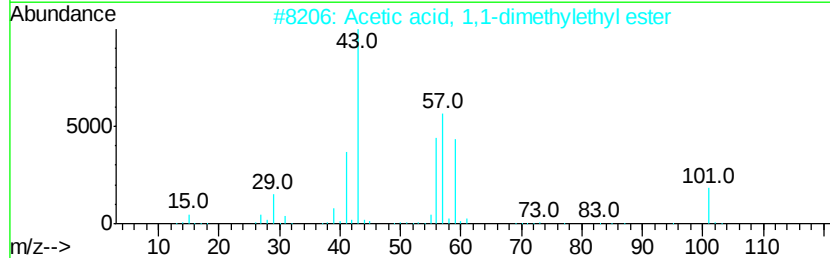
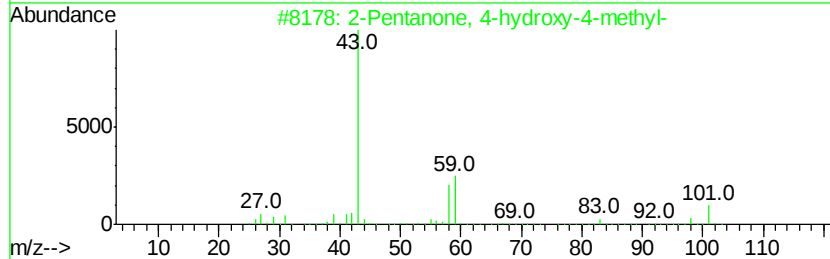
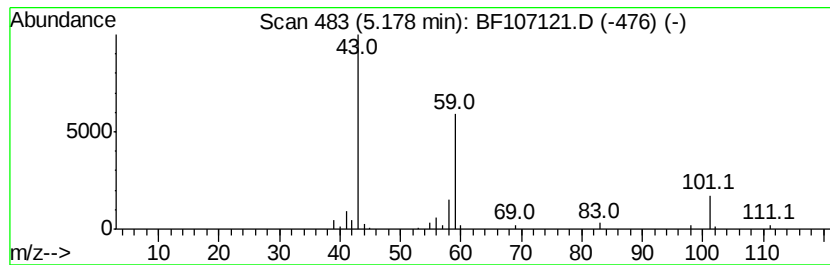
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	10.28 ng	183537	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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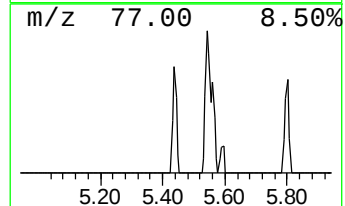
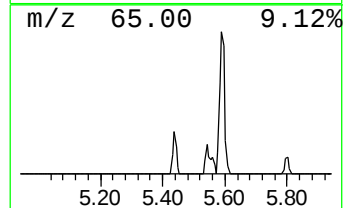
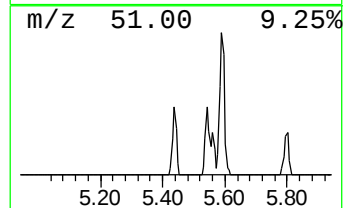
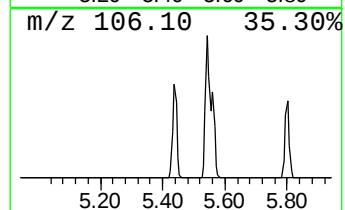
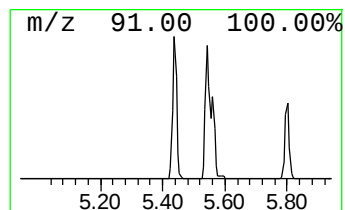
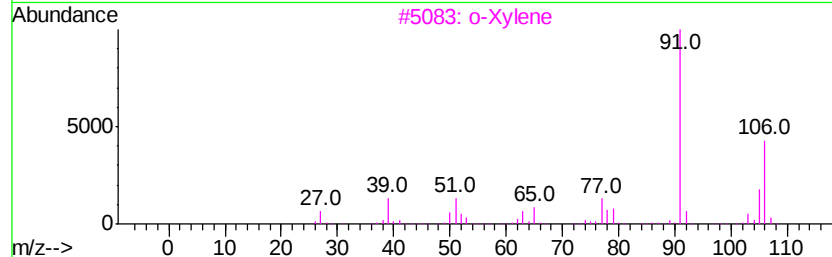
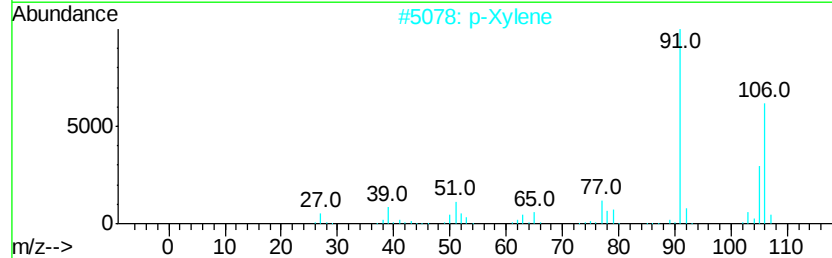
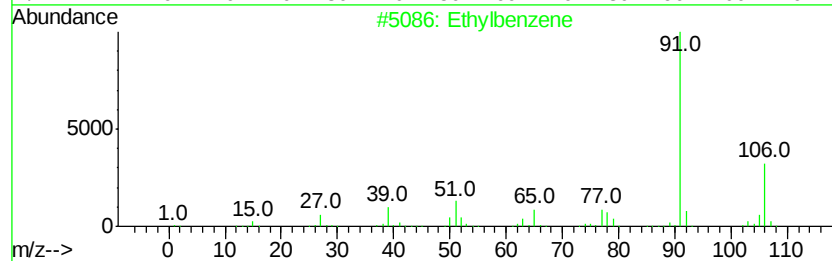
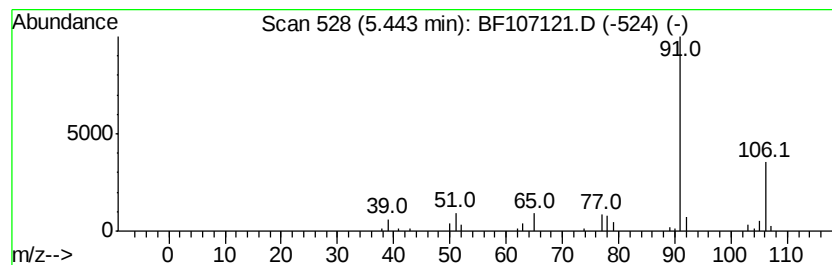
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethylbenzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	4.71 ng	84011	1,4-Dichlorobenzene-d4	6.95

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	78
3			o-Xylene	106	C8H10	000095-47-6	70
4			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	70
5			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	58



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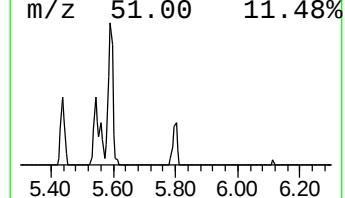
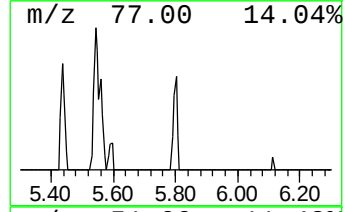
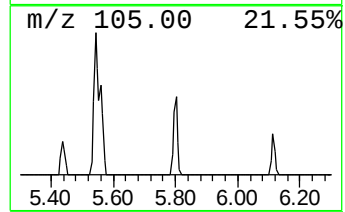
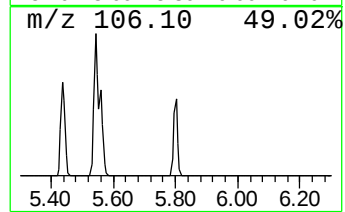
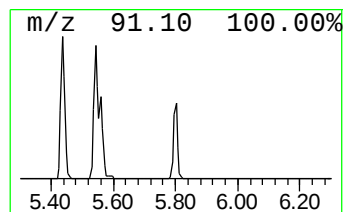
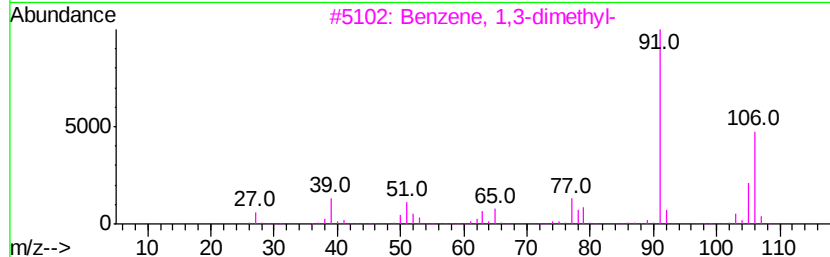
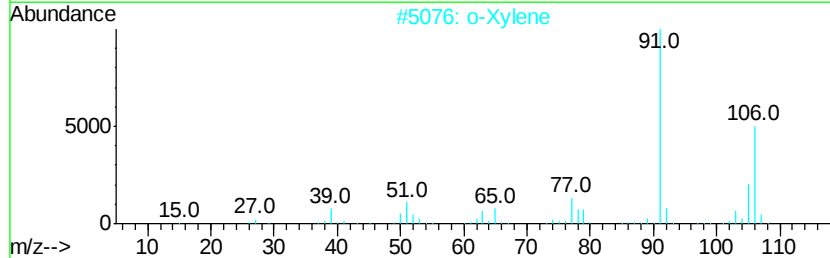
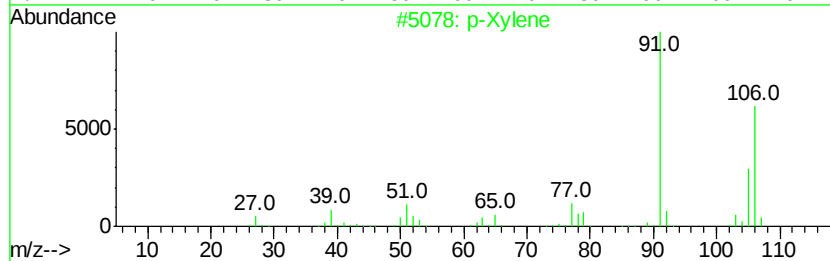
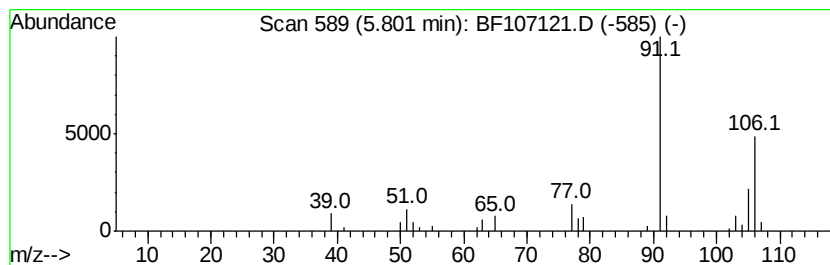
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 p-Xylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	3.42 ng	61094	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Xylene	106	C8H10	000106-42-3	97
2			o-Xylene	106	C8H10	000095-47-6	95
3			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
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



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ClientSampleId :
JC-SOIL

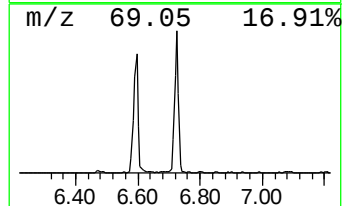
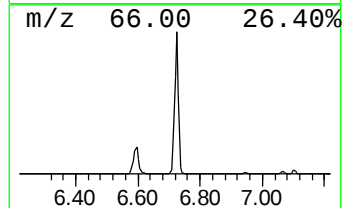
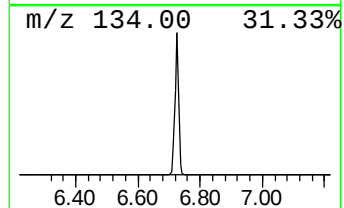
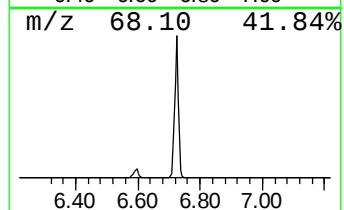
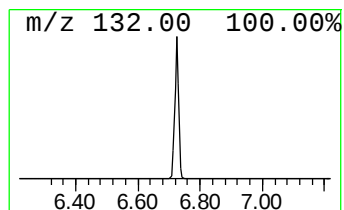
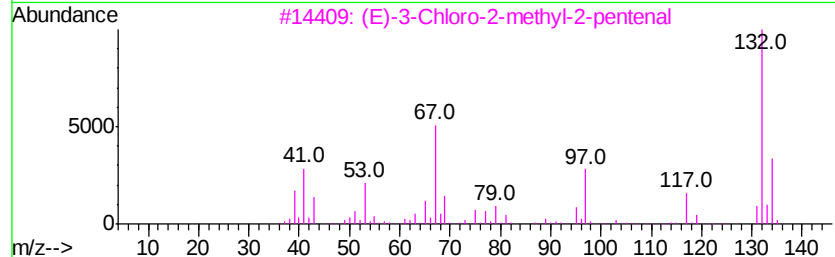
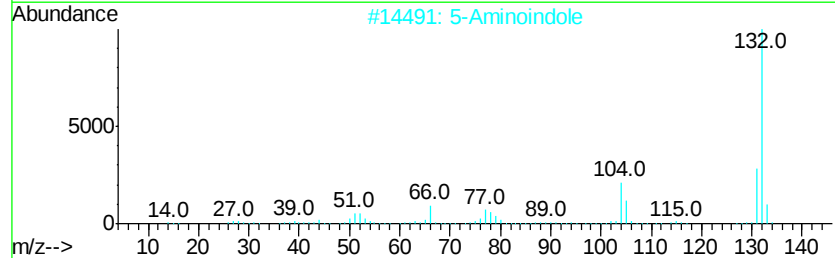
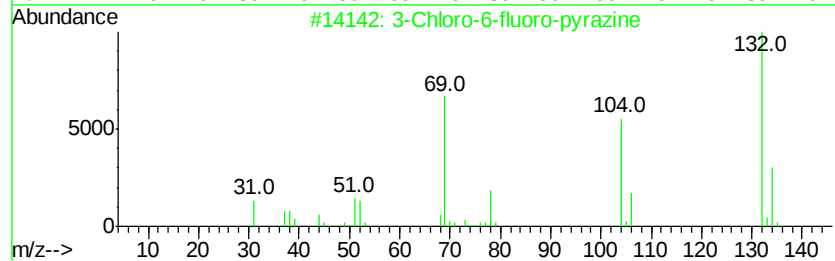
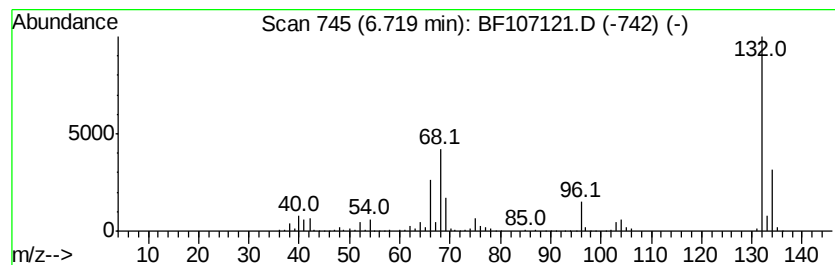
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	68.74 ng	1227040	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5	Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3	Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl		189	C12H15NO	1000123-86-3	10
5	4	Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107121.D
Acq On : 5 Jul 2018 12:40
Operator : JU/SJ
Sample : J3796-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-SOIL

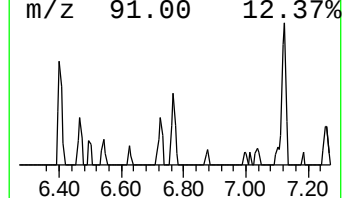
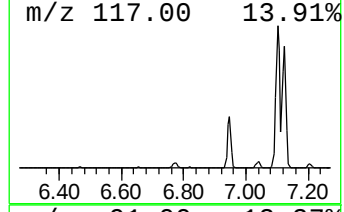
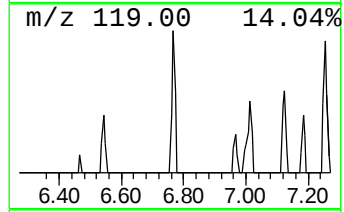
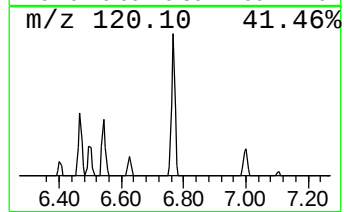
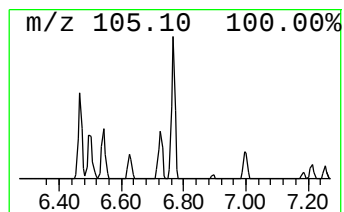
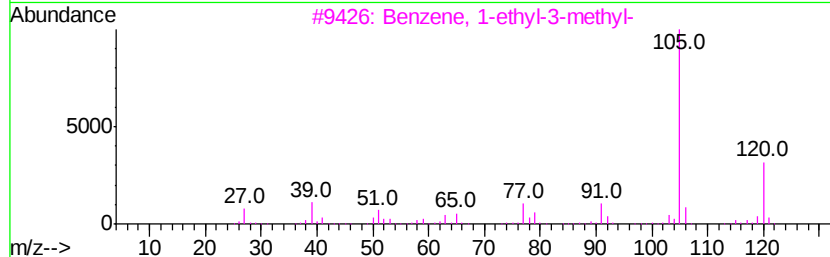
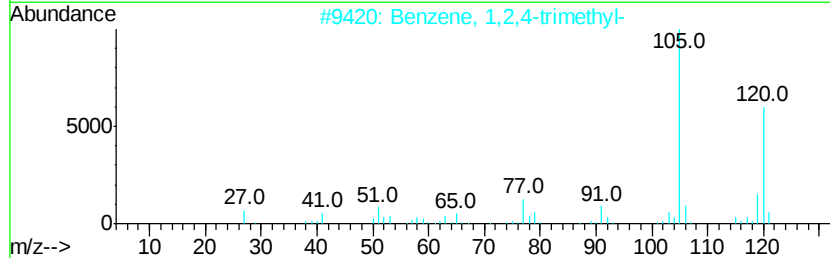
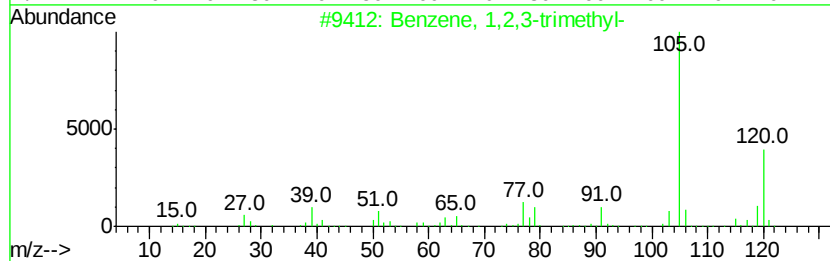
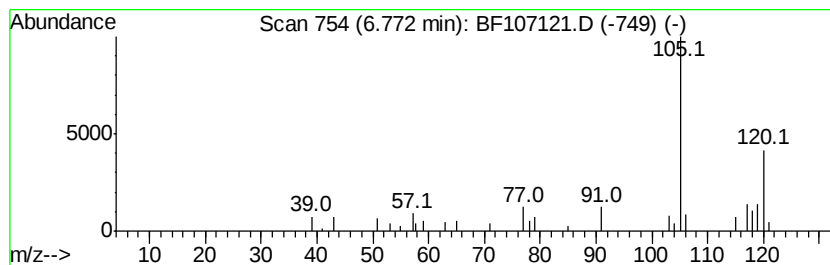
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	3.07 ng	54804	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107121.D
Acq On : 5 Jul 2018 12:40
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Sample : J3796-01
Misc :
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Instrument :
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ClientSampleId :
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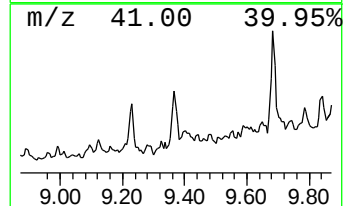
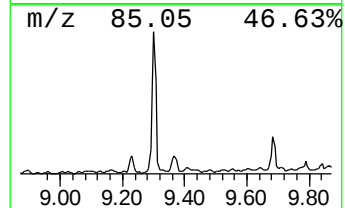
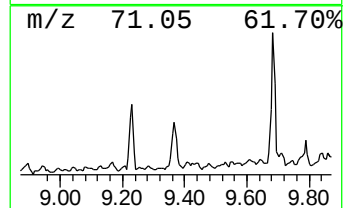
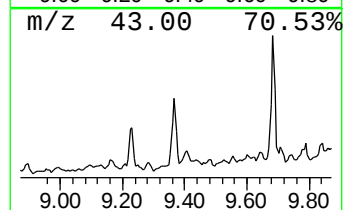
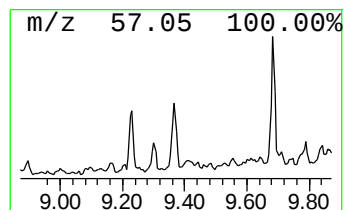
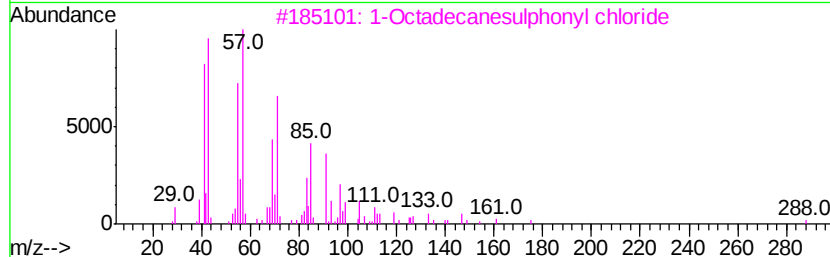
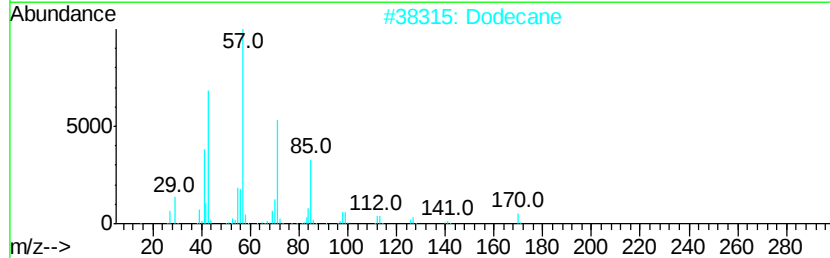
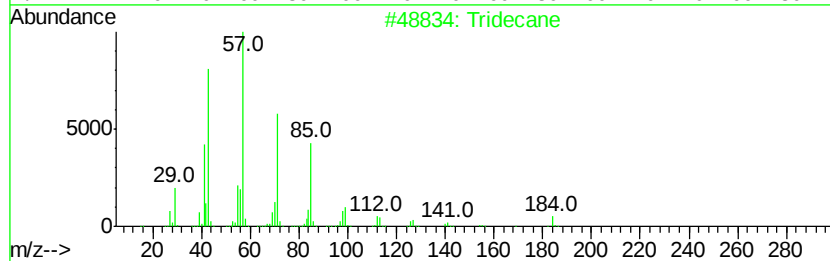
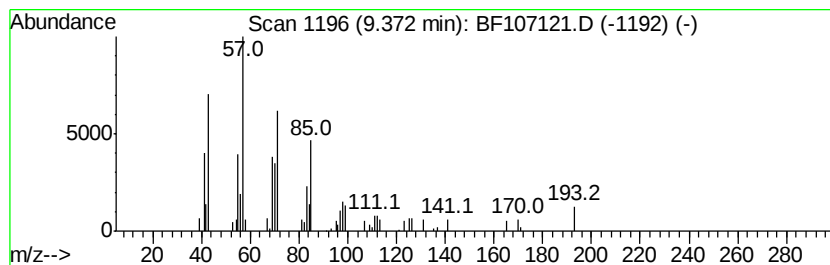
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.67 ng	64486	Acenaphthene-d10	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Dodecane	170	C12H26	000112-40-3	90
3		1-Octadecanesulphonvl chloride	352	C18H37ClO2S	1000342-70-4	90
4		Hexadecane	226	C16H34	000544-76-3	83
5		Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107121.D
Acq On : 5 Jul 2018 12:40
Operator : JU/SJ
Sample : J3796-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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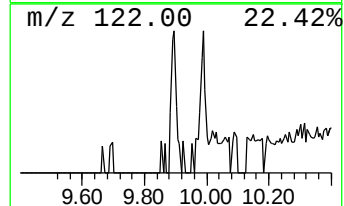
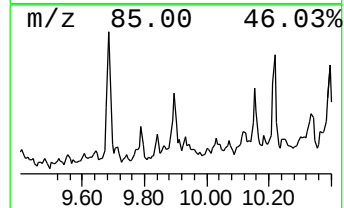
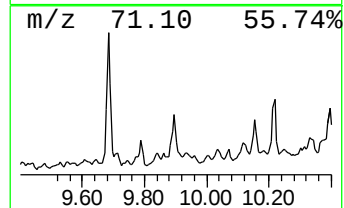
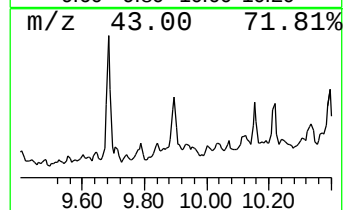
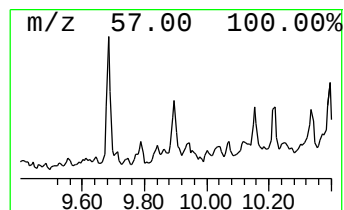
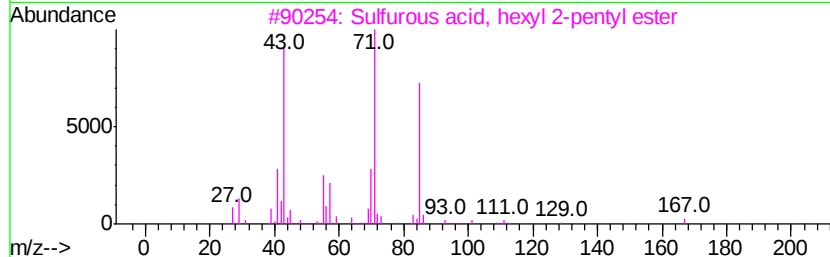
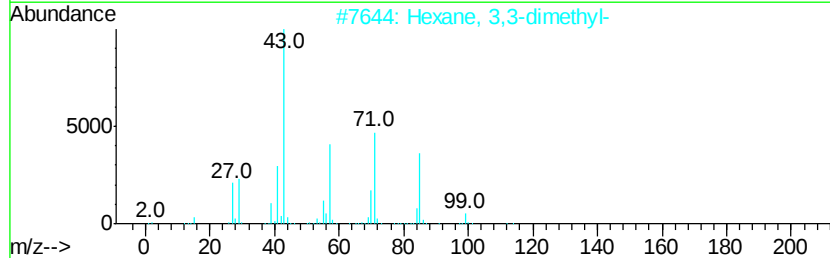
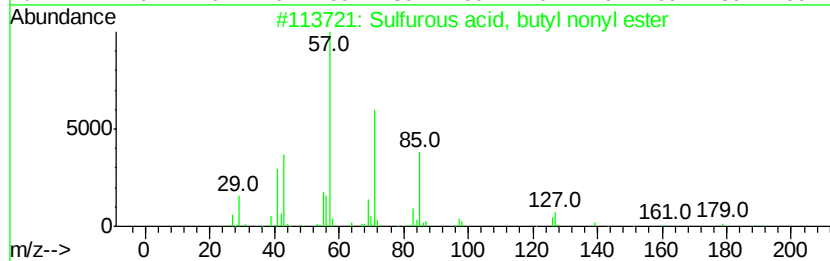
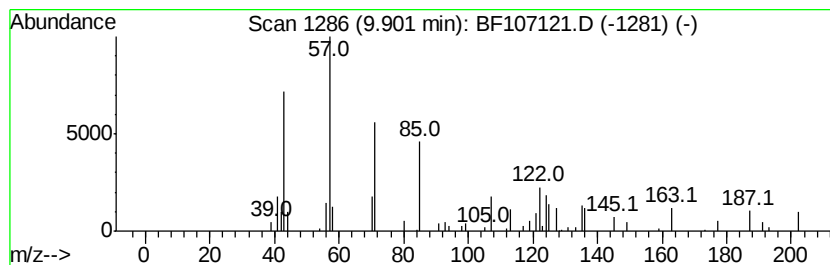
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.90 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	3.77 ng	90983	Acenaphthene-d10	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	38
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
3			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	38
4			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	38
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107121.D
Acq On : 5 Jul 2018 12:40
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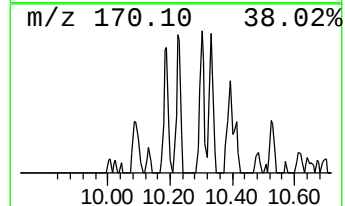
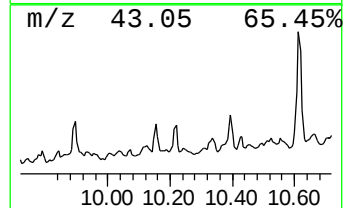
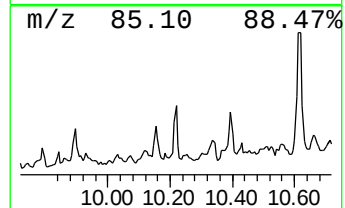
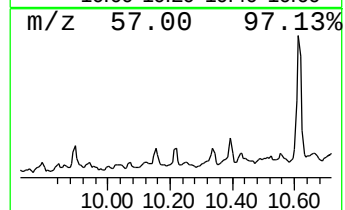
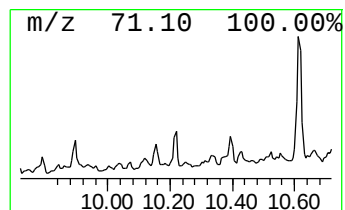
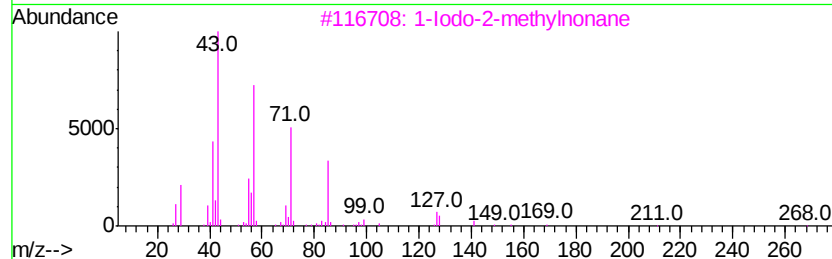
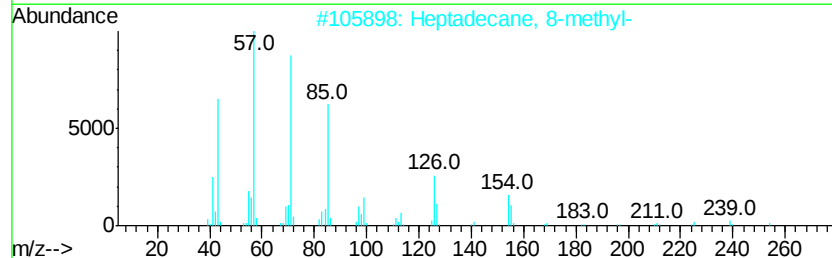
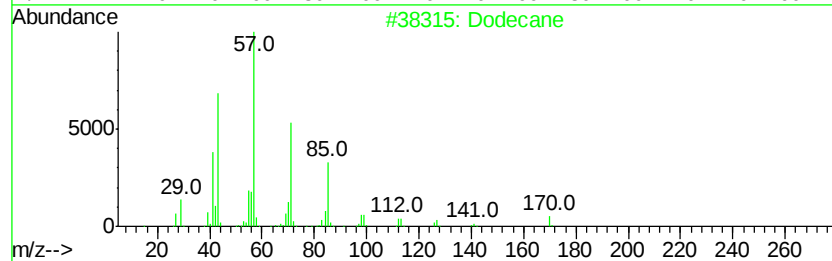
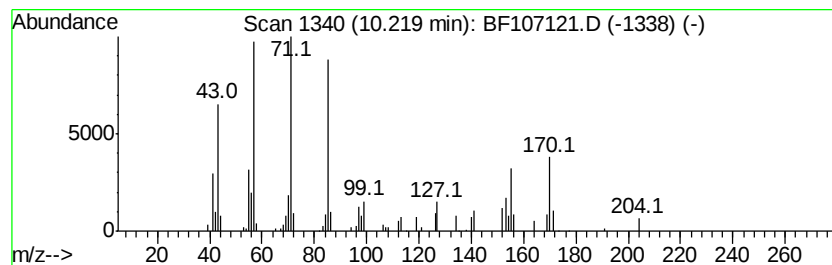
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	3.45 ng	83148	Acenaphthene-d10	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	76
2			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	53
3			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
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Misc :
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ClientSampleId :
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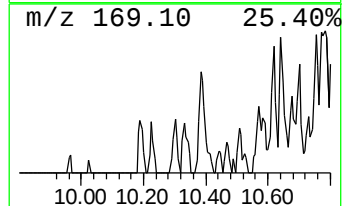
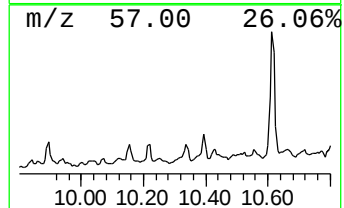
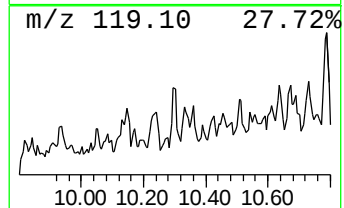
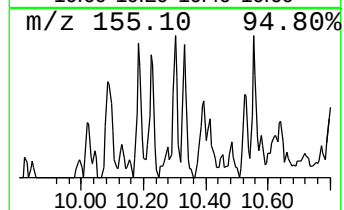
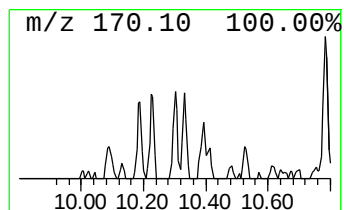
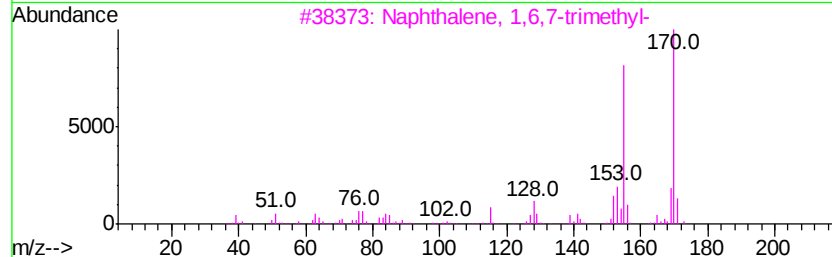
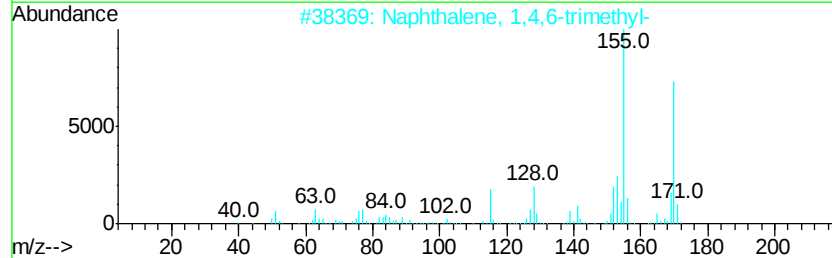
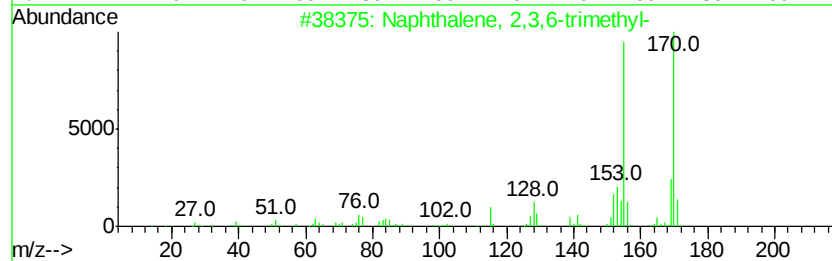
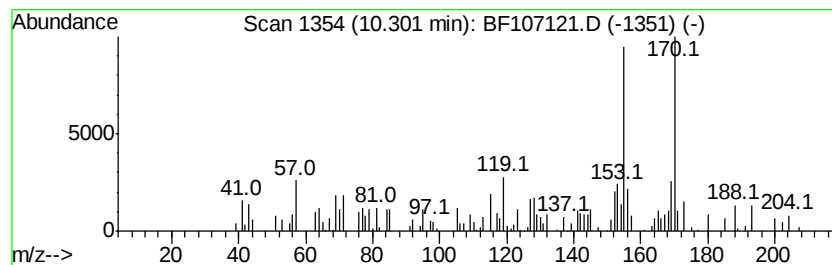
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.78 ng	67004	Acenaphthene-d10	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81
4			1-Naphthaleneacetic acid, 2-methyl-	200	C13H12O2	000085-08-5	70
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107121.D
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Sample : J3796-01
Misc :
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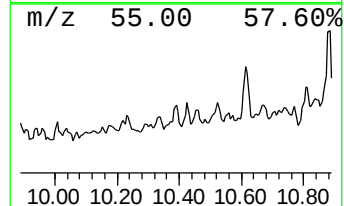
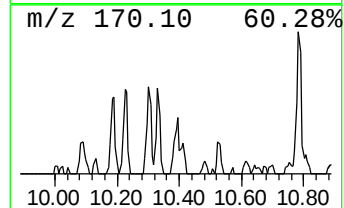
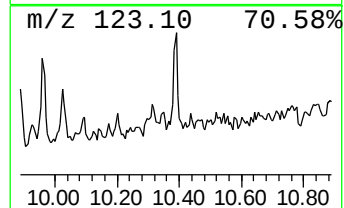
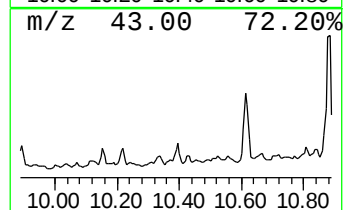
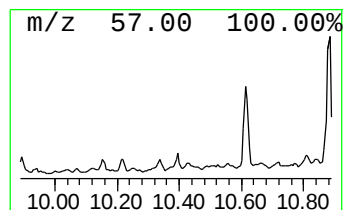
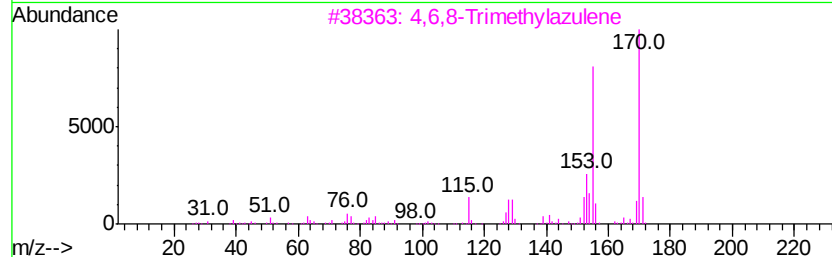
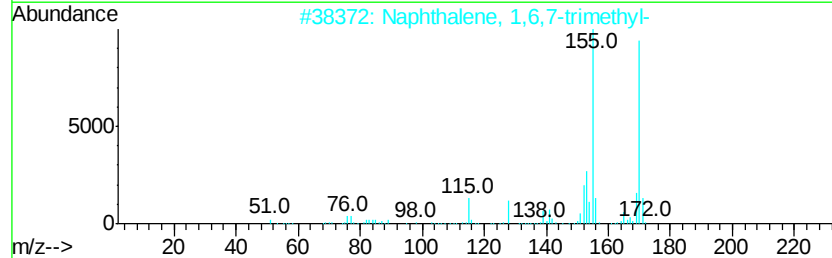
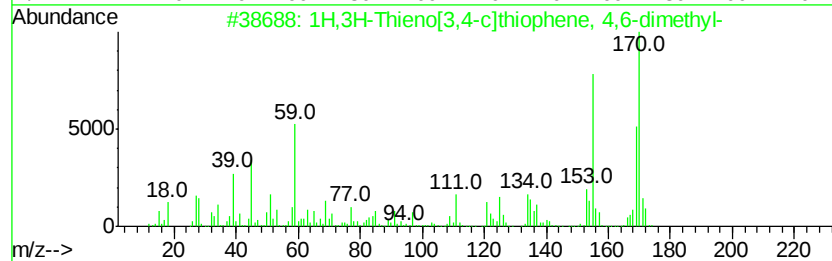
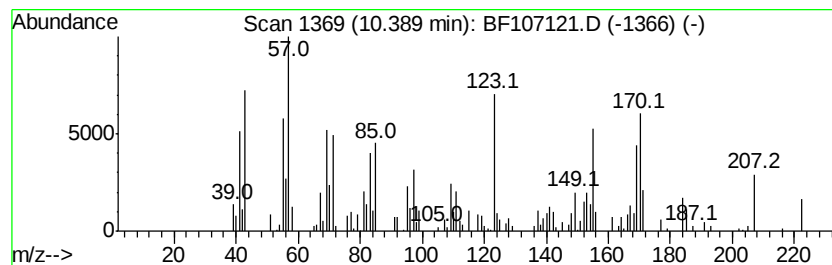
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.39 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	2.88 ng	69400	Acenaphthene-d10	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	43
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	38
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	30
5			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	25



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Data File : BF107121.D
Acq On : 5 Jul 2018 12:40
Operator : JU/SJ
Sample : J3796-01
Misc :
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Instrument :
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ClientSampleId :
JC-SOIL

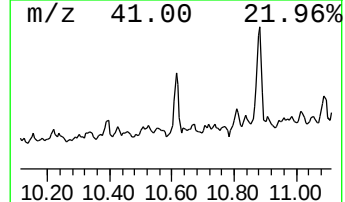
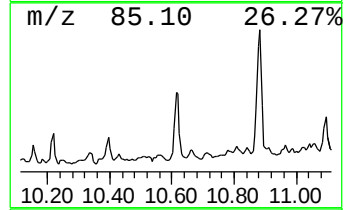
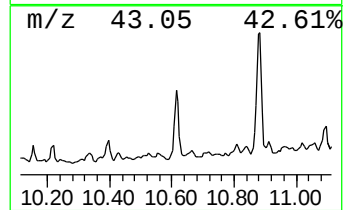
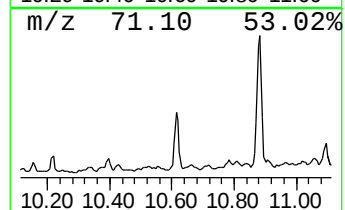
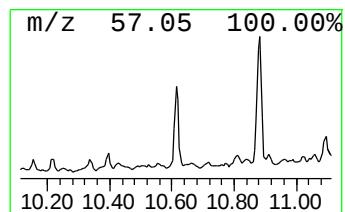
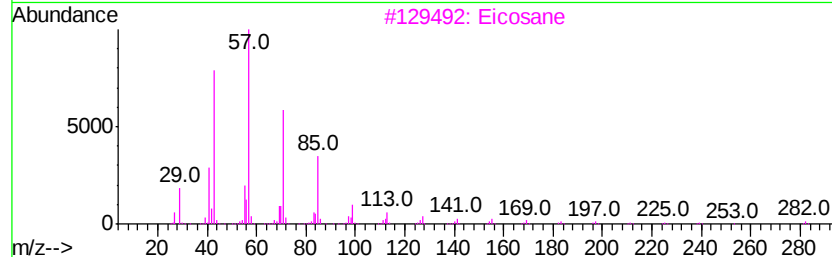
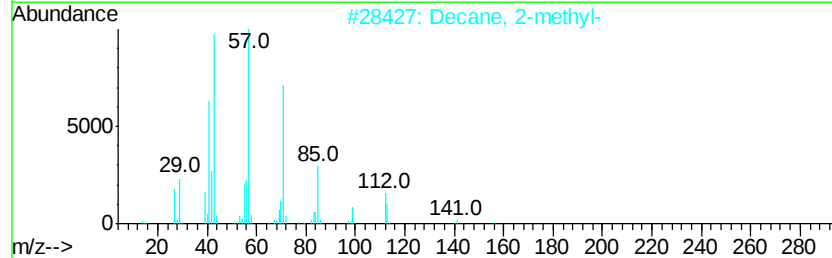
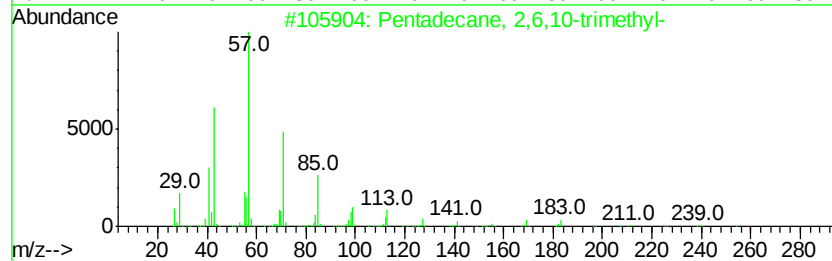
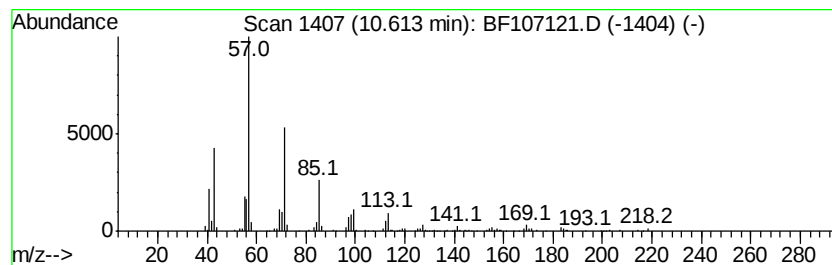
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	7.95 ng	191738	Acenaphthene-d10	9.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2		Decane, 2-methyl-	156	C11H24	006975-98-0	81
3		Eicosane	282	C20H42	000112-95-8	80
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
5		Hexacosane	366	C26H54	000630-01-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107121.D
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ClientSampleId :
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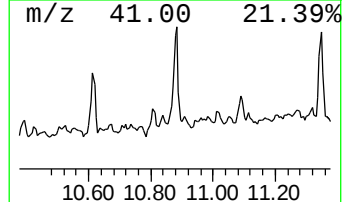
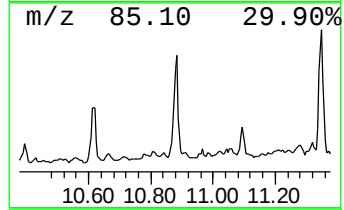
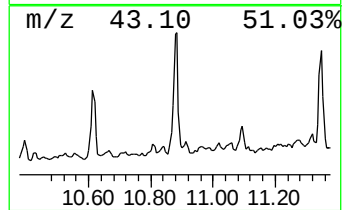
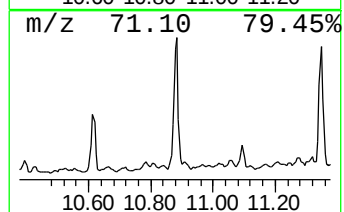
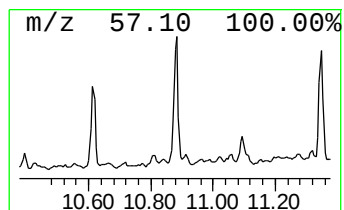
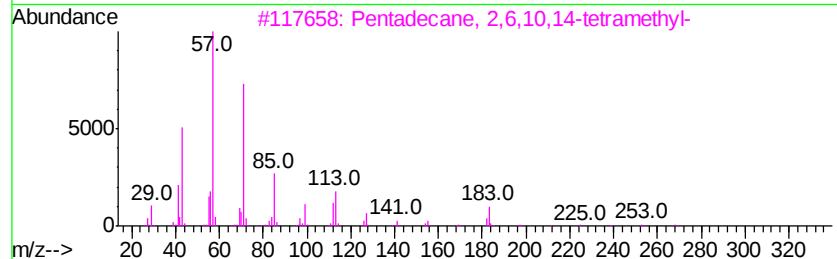
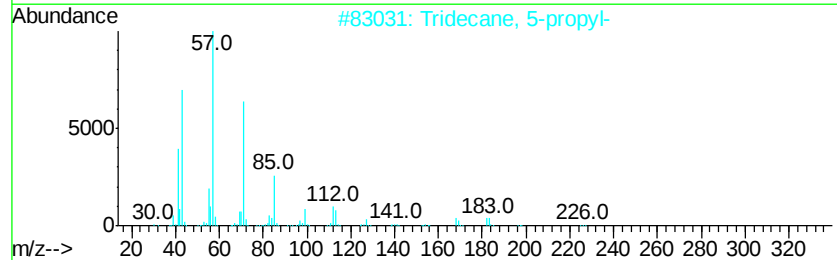
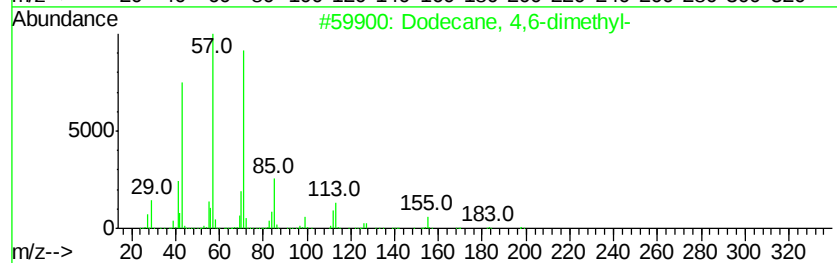
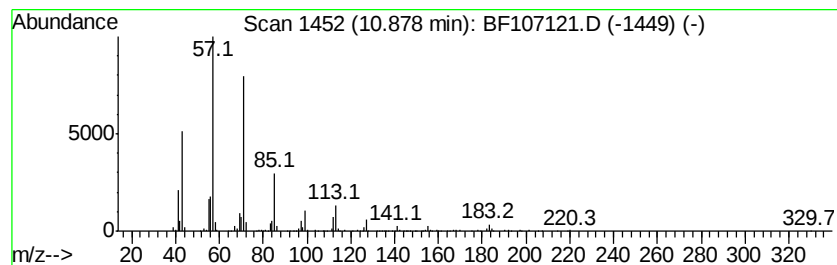
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	16.81 ng	334249	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
4			Tridecane	184	C13H28	000629-50-5	87
5			Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107121.D
Acq On : 5 Jul 2018 12:40
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Sample : J3796-01
Misc :
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ClientSampleId :
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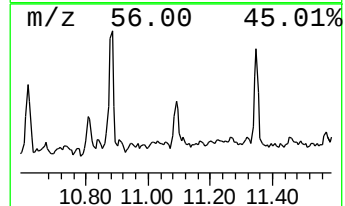
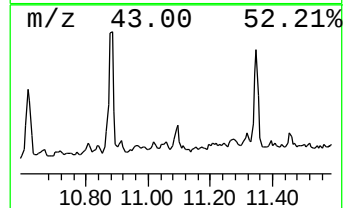
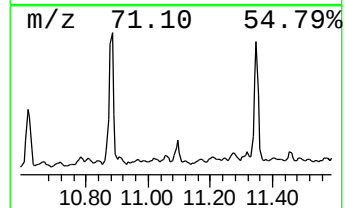
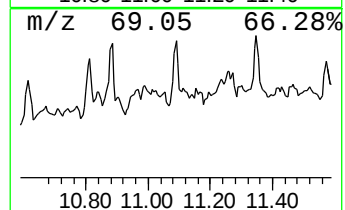
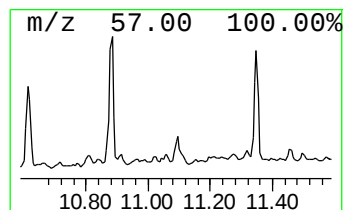
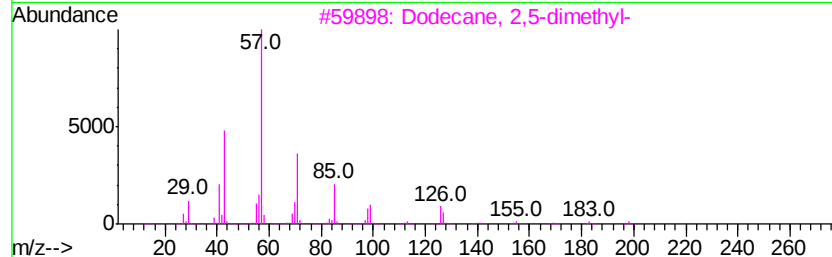
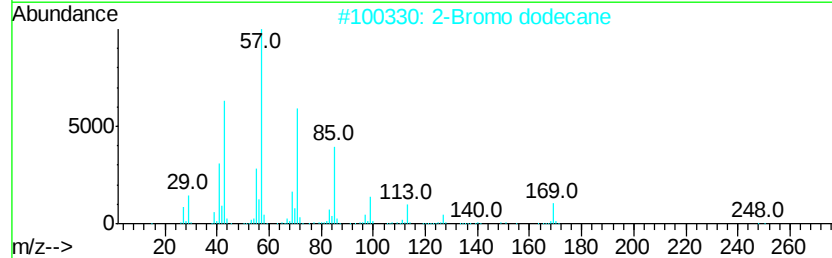
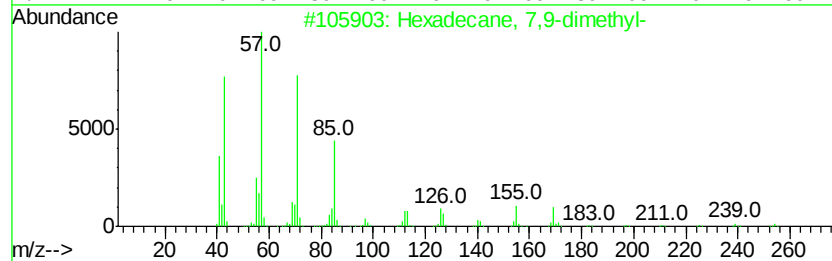
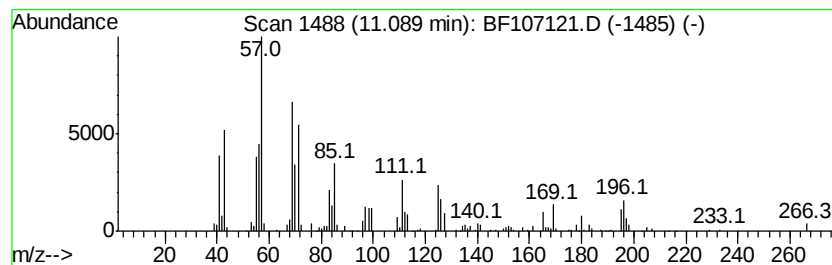
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown11.09 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	4.77 ng	94898	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	38
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	38
3		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	38
4		Tetradecane	198	C14H30	000629-59-4	30
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107121.D
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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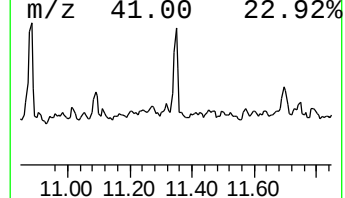
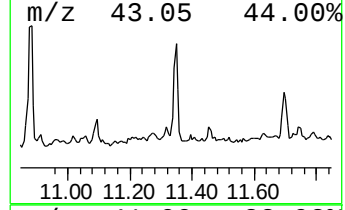
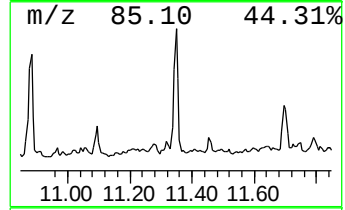
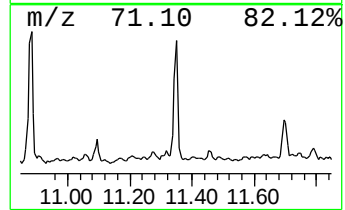
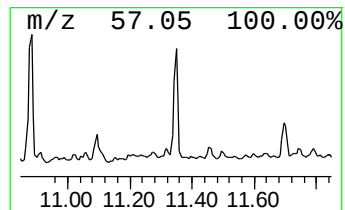
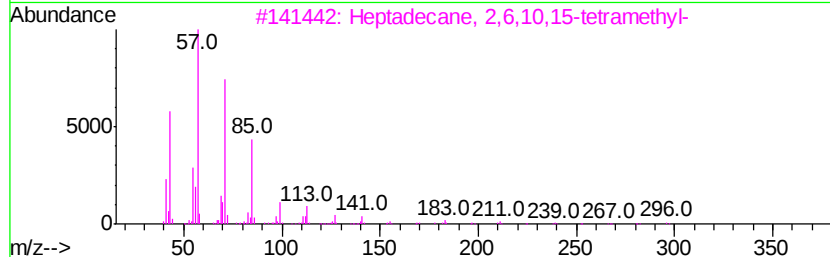
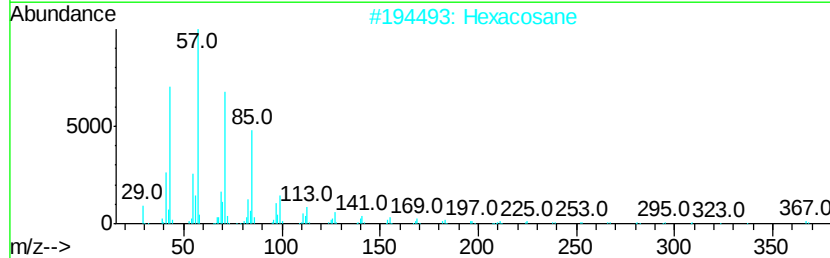
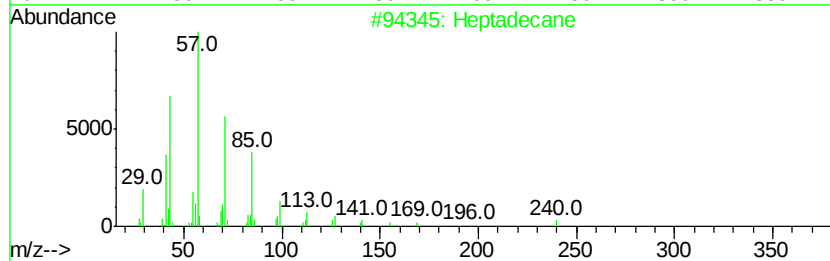
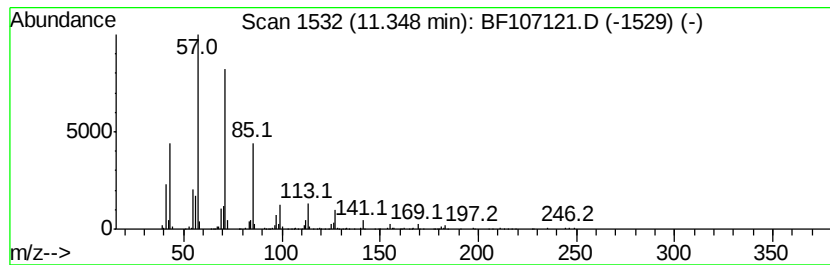
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	13.74 ng	273259	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Hexadecane	226	C16H34	000544-76-3	83
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107121.D
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Sample : J3796-01
Misc :
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Instrument :
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ClientSampleId :
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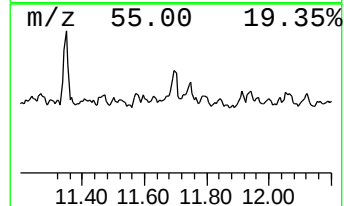
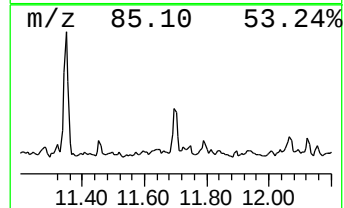
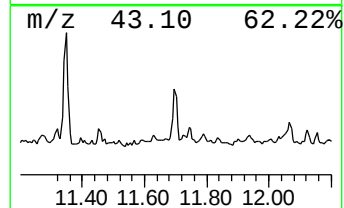
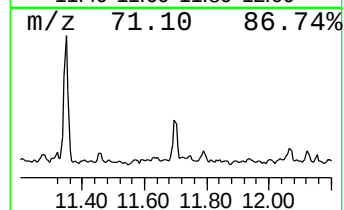
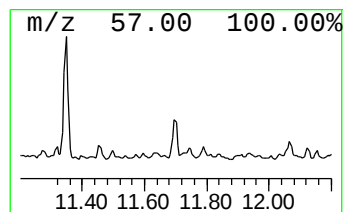
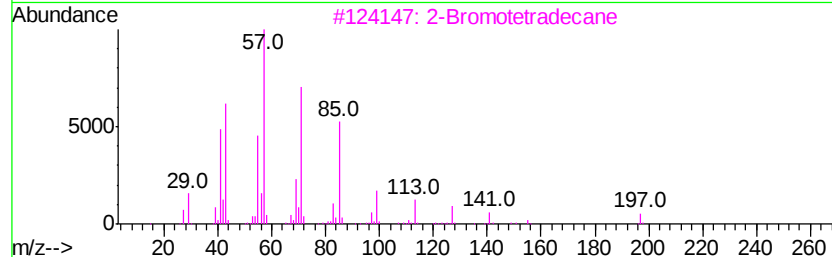
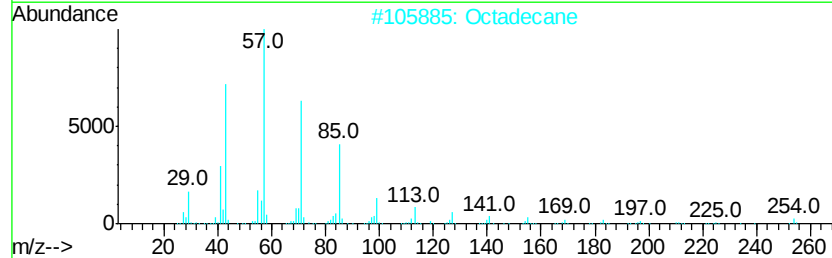
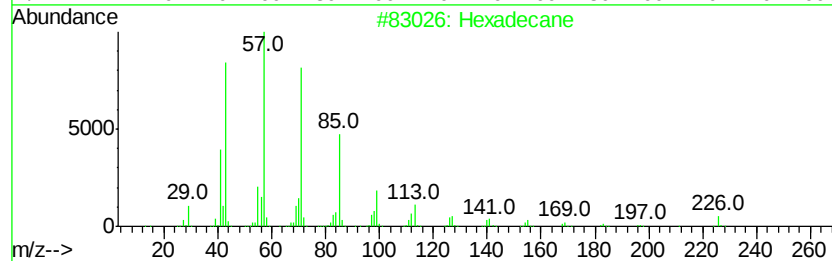
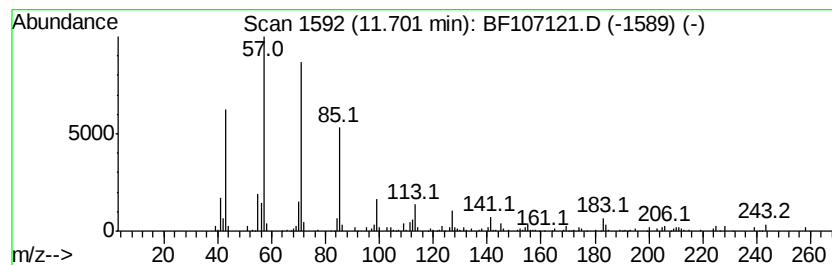
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	5.05 ng	100332	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Octadecane		254	C18H38	000593-45-3	90
3	2-Bromotetradecane		276	C14H29Br	074036-95-6	86
4	Tetradecane, 4,11-dimethyl-		226	C16H34	055045-12-0	83
5	Tetradecane		198	C14H30	000629-59-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107121.D
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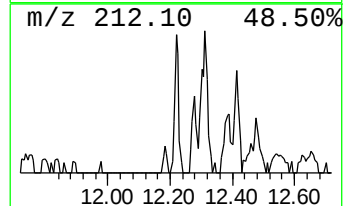
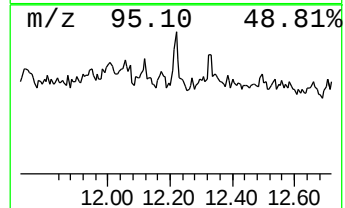
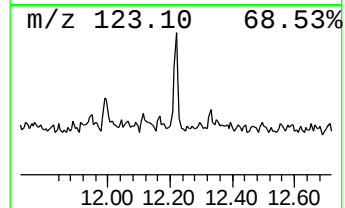
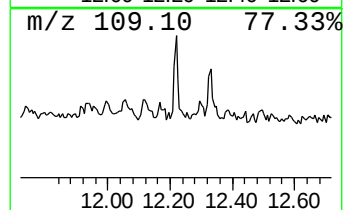
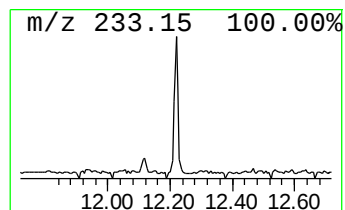
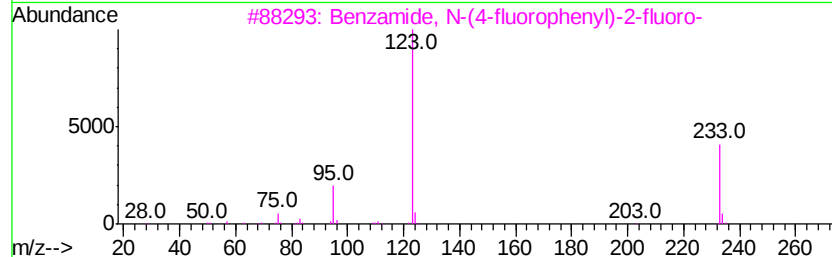
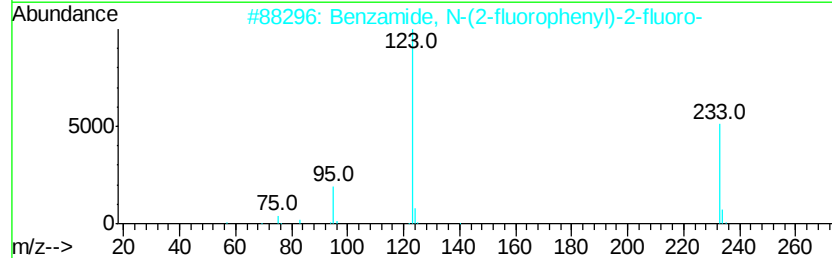
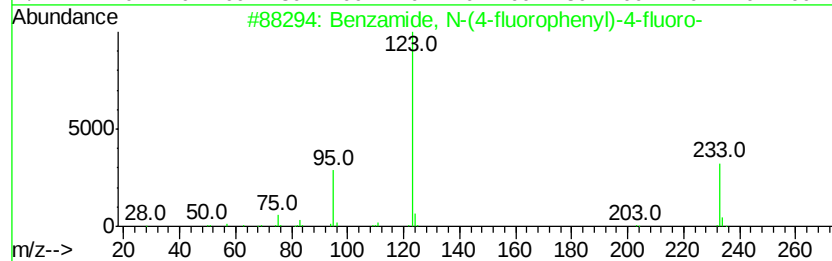
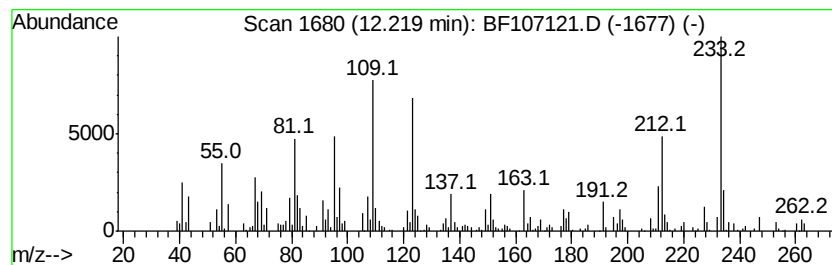
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown12.22 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	7.58 ng	150630	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzamide, N-(4-fluorophenyl)-4-...	233	C13H9F2NO	1000307-10-1	38
2			Benzamide, N-(2-fluorophenyl)-2-...	233	C13H9F2NO	1000308-09-1	35
3			Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	22
4			Ethanone, 1-(1,4-dimethyl-3-cyclo...	152	C10H16O	043219-68-7	15
5			Bicyclo[2.2.1]heptan-2-one, 5-br...	230	C10H15BrO	010293-00-2	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
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ClientSampleId :
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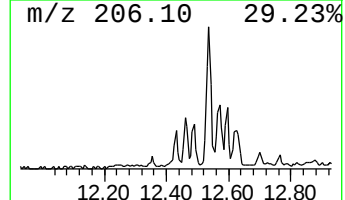
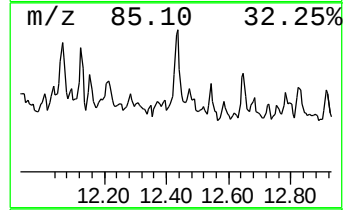
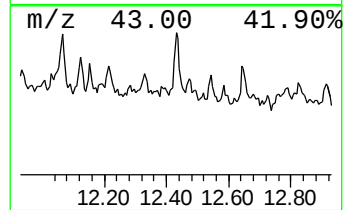
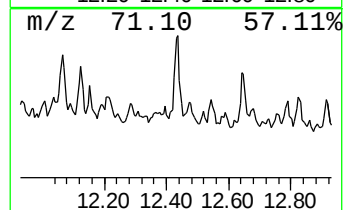
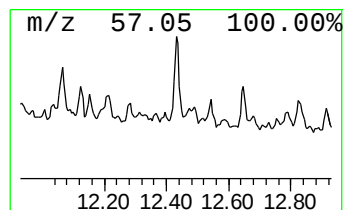
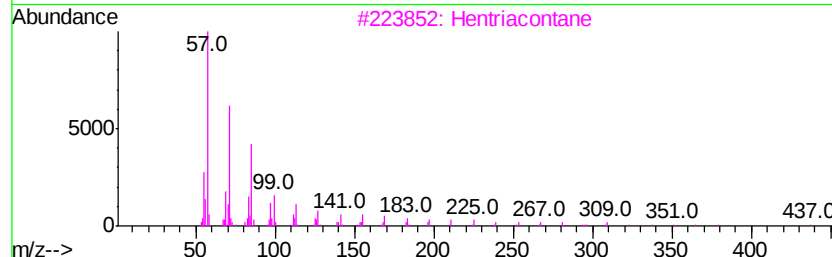
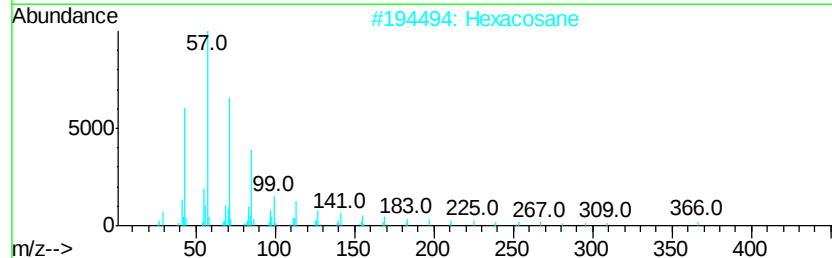
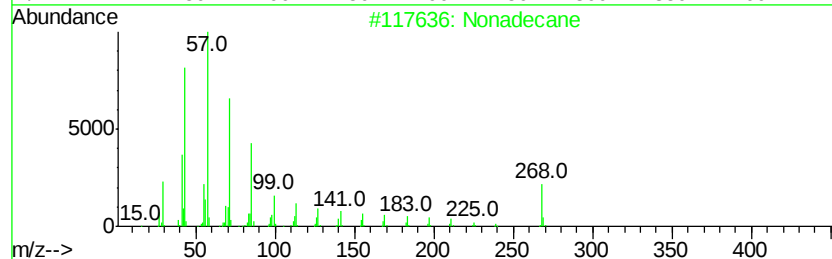
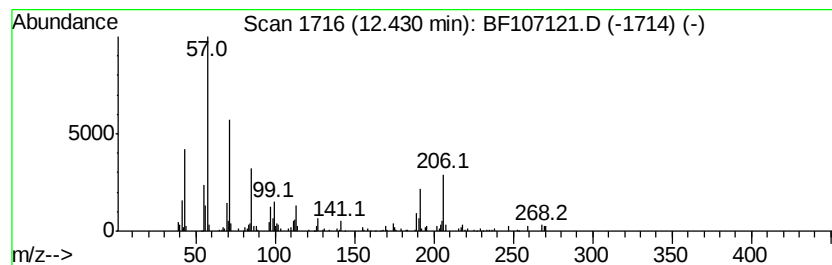
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.43 ng	68236	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	60
2			Hexacosane	366	C26H54	000630-01-3	52
3			Hentriacontane	437	C31H64	000630-04-6	52
4			Hexatriacontane	507	C36H74	000630-06-8	50
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107121.D
Acq On : 5 Jul 2018 12:40
Operator : JU/SJ
Sample : J3796-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-SOIL

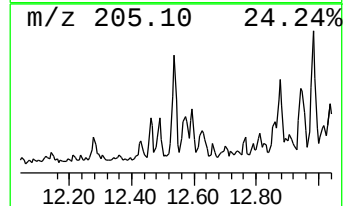
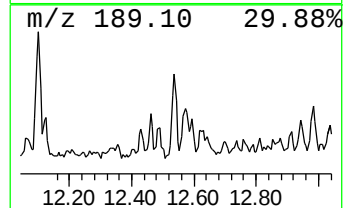
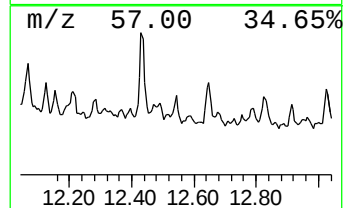
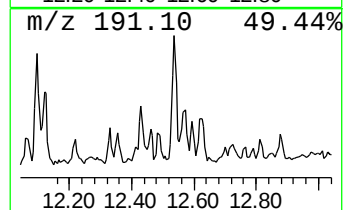
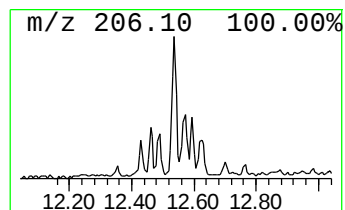
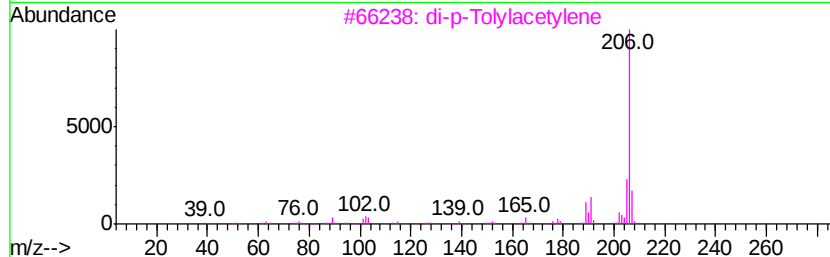
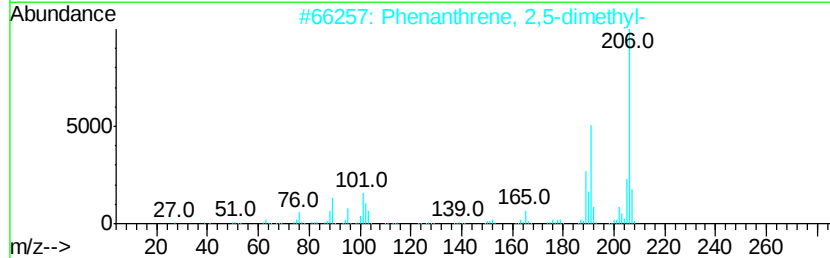
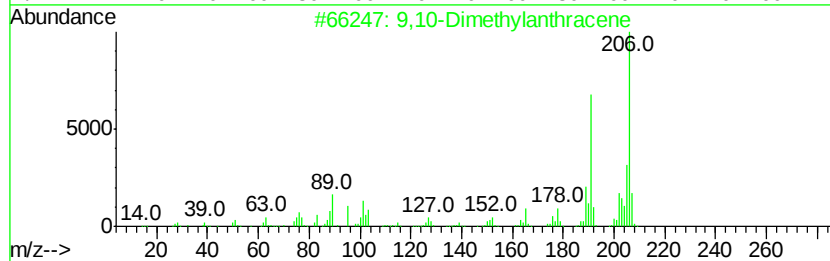
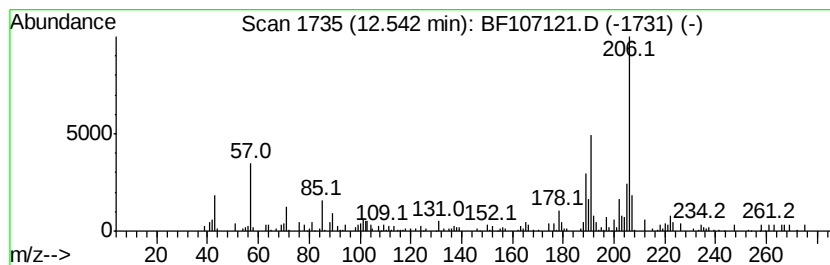
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9,10-Dimethylantracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	3.95 ng	78576	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		di-p-Tolylacetvlene	206	C16H14	002789-88-0	91
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107121.D
 Acq On : 5 Jul 2018 12:40
 Operator : JU/SJ
 Sample : J3796-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
Toluene	4.07	8.5	ng	151969	1	6.95	357008	20.0
2-Pentanone, 4-hy...	5.18	10.3	ng	183537	1	6.95	357008	20.0
Ethylbenzene	5.44	4.7	ng	84011	1	6.95	357008	20.0
p-Xylene	5.80	3.4	ng	61094	1	6.95	357008	20.0
unknown6.72	6.72	68.7	ng	1227040	1	6.95	357008	20.0
Benzene, 1,2,3-tr...	6.77	3.1	ng	54804	1	6.95	357008	20.0
Tridecane	9.37	2.7	ng	64486	3	9.99	482203	20.0
unknown9.90	9.90	3.8	ng	90983	3	9.99	482203	20.0
Dodecane	10.22	3.5	ng	83148	3	9.99	482203	20.0
Naphthalene, 2,3,...	10.30	2.8	ng	67004	3	9.99	482203	20.0
unknown10.39	10.39	2.9	ng	69400	3	9.99	482203	20.0
Pentadecane, 2,6,...	10.61	8.0	ng	191738	3	9.99	482203	20.0
Dodecane, 4,6-dim...	10.88	16.8	ng	334249	4	11.48	397624	20.0
unknown11.09	11.09	4.8	ng	94898	4	11.48	397624	20.0
Heptadecane	11.35	13.7	ng	273259	4	11.48	397624	20.0
Hexadecane	11.70	5.0	ng	100332	4	11.48	397624	20.0
unknown12.22	12.22	7.6	ng	150630	4	11.48	397624	20.0
Nonadecane	12.43	3.4	ng	68236	4	11.48	397624	20.0
9,10-Dimethylanth...	12.54	4.0	ng	78576	4	11.48	397624	20.0