

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107417.D
 Acq On : 16 Jul 2018 22:01
 Operator : JU/SJ
 Sample : J3542-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-3

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-BF071618.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	5.213	484	489	495	rVB	389359	460392	11.52%	0.878%
2	5.601	550	555	558	rBV	3718932	3548727	88.78%	6.767%
3	6.595	718	724	727	rBV	3461858	3760018	94.06%	7.170%
4	6.748	745	750	753	rBV	3902202	3729111	93.29%	7.111%
5	6.795	755	758	762	rVB3	54488	64532	1.61%	0.123%
6	6.977	785	789	793	rVB	1274920	1035400	25.90%	1.974%
7	7.136	812	816	819	rBV	3334071	2837772	70.99%	5.411%
8	7.542	878	885	888	rBV	2338286	2369511	59.28%	4.518%
9	8.260	1003	1007	1009	rBV	1457905	1216259	30.43%	2.319%
10	8.283	1009	1011	1014	rVB	390438	277695	6.95%	0.530%
11	8.842	1102	1106	1108	rVB	64476	62201	1.56%	0.119%
12	8.971	1125	1128	1131	rBV	371351	318188	7.96%	0.607%
13	9.071	1142	1145	1148	rBV	219590	175093	4.38%	0.334%
14	9.142	1152	1157	1159	rBV5	26455	43943	1.10%	0.084%
15	9.336	1185	1190	1193	rVB	4516764	3997358	100.00%	7.622%
16	9.407	1199	1202	1204	rBV3	123687	102369	2.56%	0.195%
17	9.442	1204	1208	1211	rVV2	1174662	1034217	25.87%	1.972%
18	9.530	1220	1223	1228	rVB	98806	91777	2.30%	0.175%
19	9.601	1231	1235	1238	rBV2	113187	160541	4.02%	0.306%
20	9.677	1241	1248	1250	rBV	165858	220654	5.52%	0.421%
21	9.724	1253	1256	1259	rVB	879733	770495	19.28%	1.469%
22	9.789	1264	1267	1269	rBV4	71950	74997	1.88%	0.143%
23	9.883	1280	1283	1285	rVB4	92237	87184	2.18%	0.166%
24	9.936	1288	1292	1294	rVB2	111706	112760	2.82%	0.215%
25	9.971	1294	1298	1300	rBV4	47001	55420	1.39%	0.106%
26	10.018	1303	1306	1309	rVV2	1385088	1314497	32.88%	2.507%
27	10.054	1309	1312	1315	rVV	1456638	1134449	28.38%	2.163%
28	10.083	1315	1317	1319	rVB2	72687	56715	1.42%	0.108%
29	10.124	1319	1324	1328	rBV7	48981	81236	2.03%	0.155%
30	10.177	1330	1333	1336	rVV3	76569	89951	2.25%	0.172%
31	10.224	1337	1341	1344	rVV	926105	787970	19.71%	1.503%
32	10.260	1344	1347	1350	rVB5	52741	60206	1.51%	0.115%
33	10.336	1356	1360	1361	rBV3	100643	109018	2.73%	0.208%
34	10.430	1371	1376	1380	rBV8	98814	182670	4.57%	0.348%

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35	10.477	1380	1384	1386	rBV5	40534	64955	1.62%	0.124%
36	10.571	1396	1400	1402	rBV	1206342	1171731	29.31%	2.234%
37	10.654	1412	1414	1417	rVB3	164095	135521	3.39%	0.258%
38	10.701	1420	1422	1424	rVV2	89245	97421	2.44%	0.186%
39	10.724	1424	1426	1431	rVB	184860	153004	3.83%	0.292%
40	10.807	1436	1440	1444	rBV	2336457	2247281	56.22%	4.285%
41	10.924	1457	1460	1464	rVB4	138018	166695	4.17%	0.318%
42	11.001	1468	1473	1476	rBV5	155253	183513	4.59%	0.350%
43	11.118	1490	1493	1494	rBV3	118746	77162	1.93%	0.147%
44	11.142	1495	1497	1500	rVB3	68484	50998	1.28%	0.097%
45	11.201	1505	1507	1510	rVB4	91730	74820	1.87%	0.143%
46	11.242	1510	1514	1516	rBV5	84630	130312	3.26%	0.248%
47	11.360	1532	1534	1536	rBV3	69665	51383	1.29%	0.098%
48	11.407	1540	1542	1547	rVB	272378	228893	5.73%	0.436%
49	11.512	1556	1560	1562	rBV	1234287	1213959	30.37%	2.315%
50	11.536	1562	1564	1568	rVV	2623735	2393178	59.87%	4.563%
51	11.589	1568	1573	1576	rVV	1121142	909535	22.75%	1.734%
52	11.736	1596	1598	1601	rBV	359551	323915	8.10%	0.618%
53	12.024	1643	1647	1654	rVB3	464033	810775	20.28%	1.546%
54	12.089	1656	1658	1661	rVB3	155664	132820	3.32%	0.253%
55	12.130	1661	1665	1667	rBV	475946	462585	11.57%	0.882%
56	12.307	1693	1695	1699	rVB	122341	115379	2.89%	0.220%
57	12.736	1764	1768	1772	rBV	1576409	1401253	35.05%	2.672%
58	12.812	1779	1781	1786	rBV6	124253	126168	3.16%	0.241%
59	12.959	1800	1806	1809	rBV2	1109704	1242138	31.07%	2.369%
60	13.101	1826	1830	1833	rVB	3150336	2959691	74.04%	5.644%
61	13.283	1859	1861	1865	rVB	250707	256475	6.42%	0.489%
62	13.354	1870	1873	1875	rBV	208022	159759	4.00%	0.305%
63	13.983	1976	1980	1984	rVB	851307	792324	19.82%	1.511%
64	14.159	2006	2010	2012	rBV2	1185463	1248614	31.24%	2.381%
65	14.183	2012	2014	2019	rVB	331969	266907	6.68%	0.509%
66	14.618	2085	2088	2095	rVB5	274177	351584	8.80%	0.670%
67	15.689	2266	2270	2282	rVB	826125	1361944	34.07%	2.597%
68	17.983	2657	2660	2661	rBV3	113921	123962	3.10%	0.236%
69	18.247	2701	2705	2711	rVB9	252096	532842	13.33%	1.016%

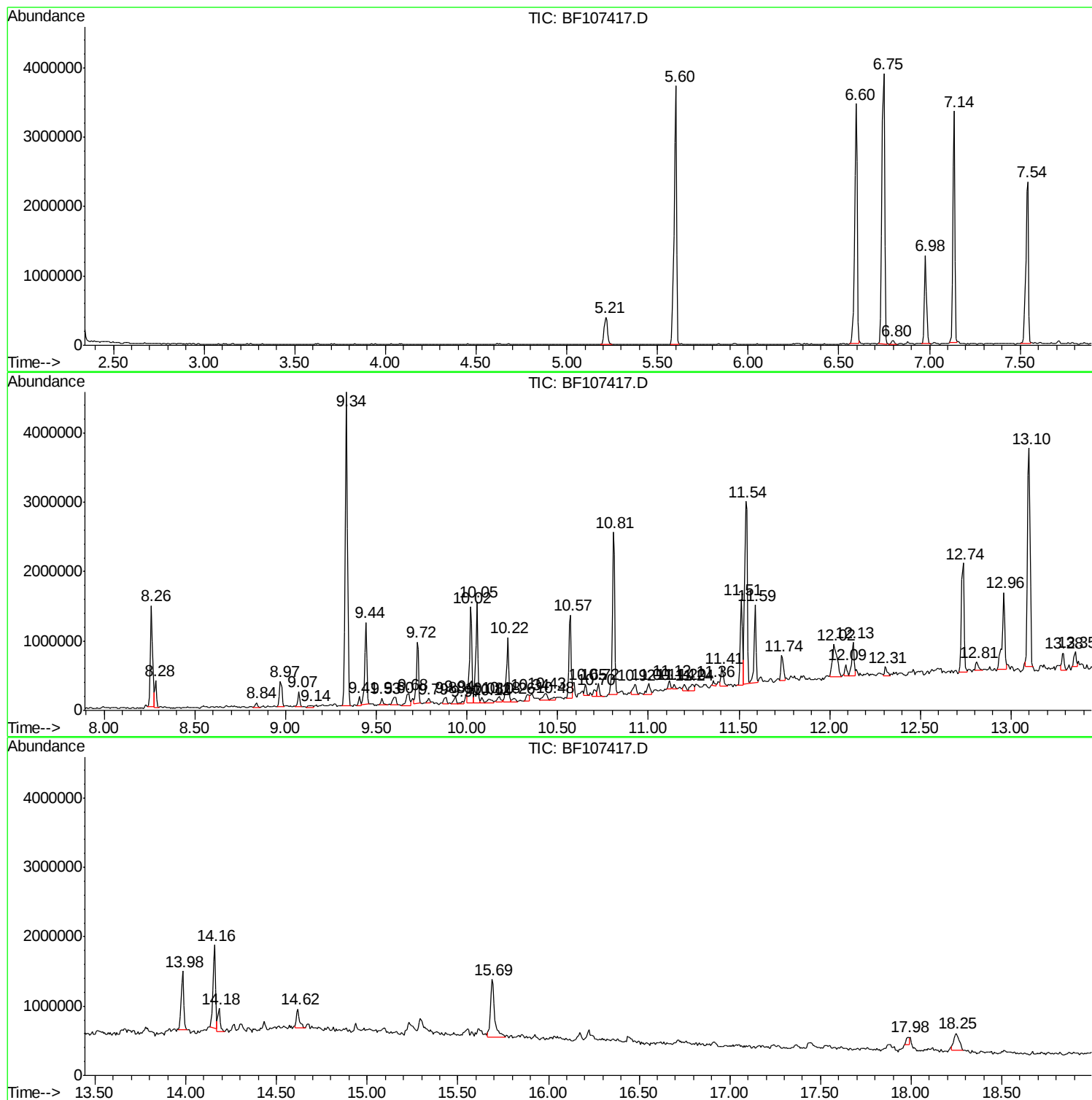
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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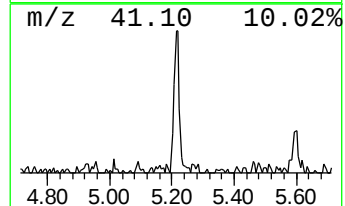
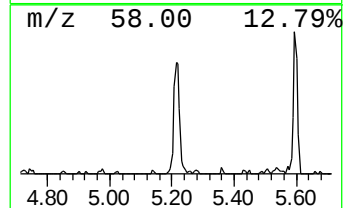
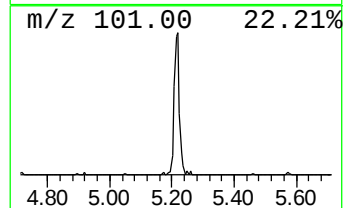
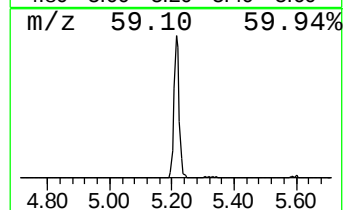
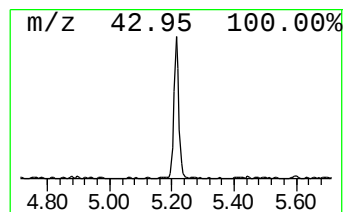
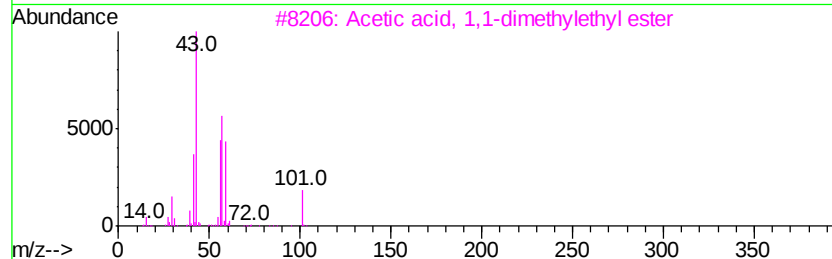
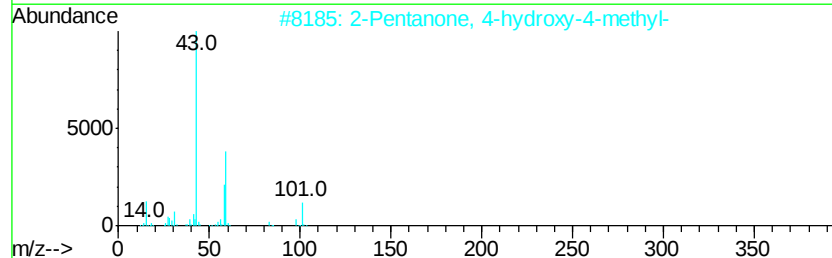
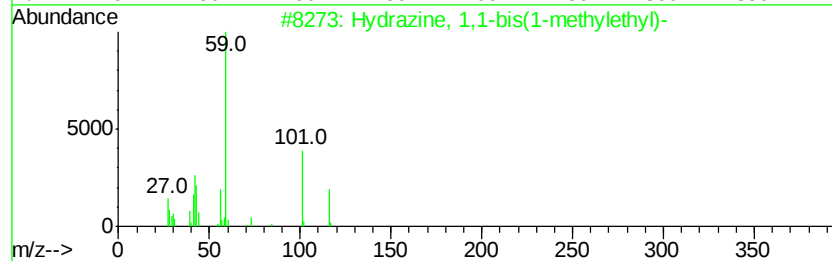
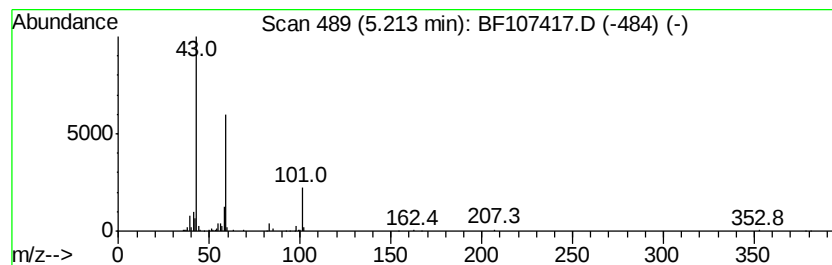
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.21 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	8.89 ng	460392	1,4-Dichlorobenzene-d4	6.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4			2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	28
5			2-Octanol, 2-methyl-	144	C9H20O	000628-44-4	12



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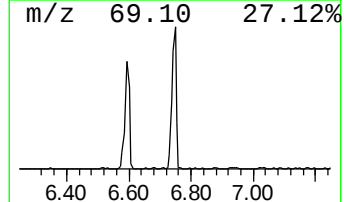
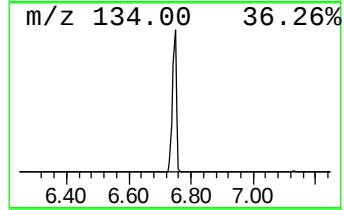
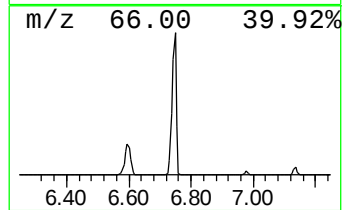
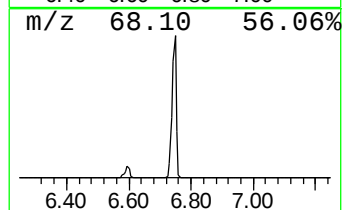
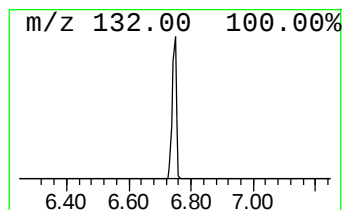
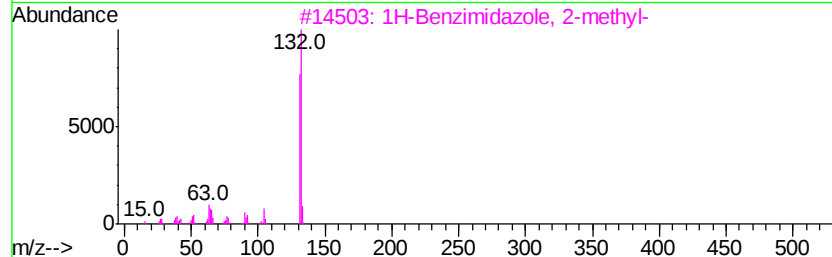
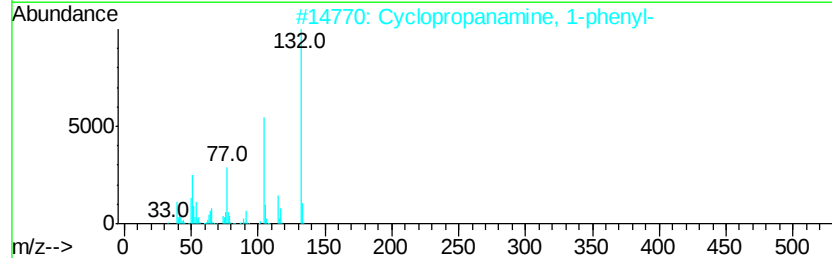
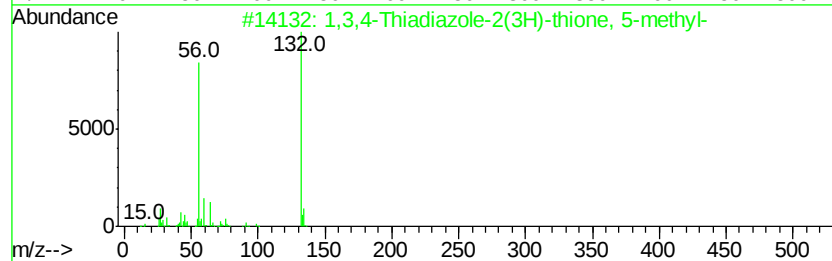
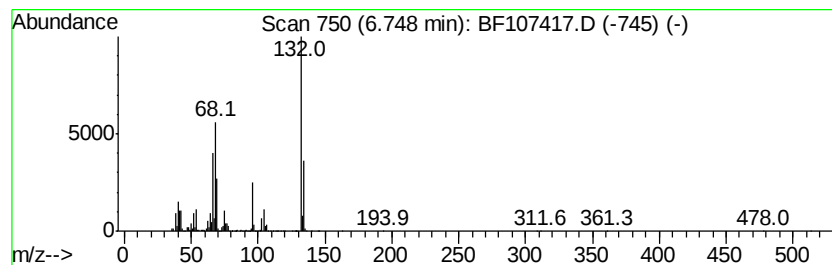
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Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	72.03 ng	3729110	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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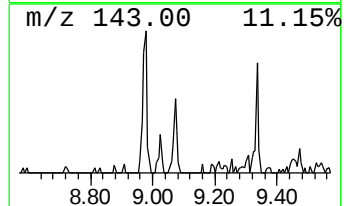
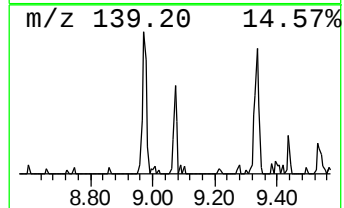
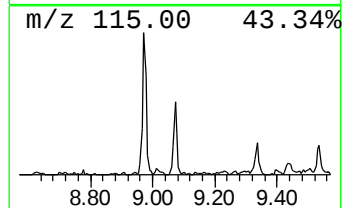
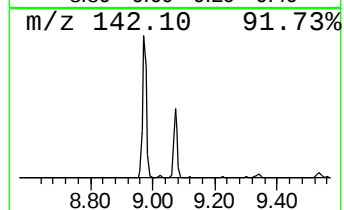
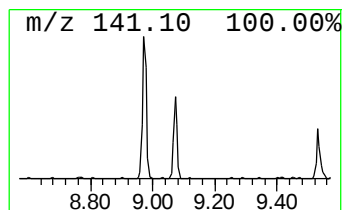
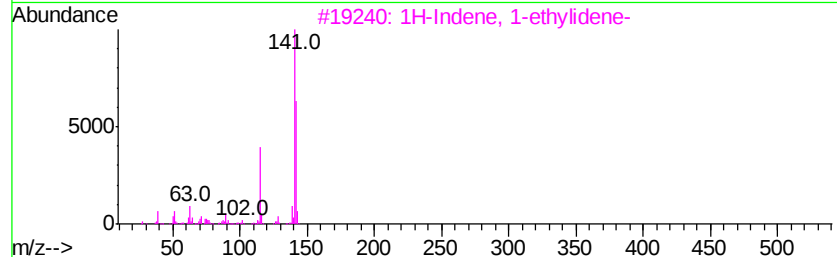
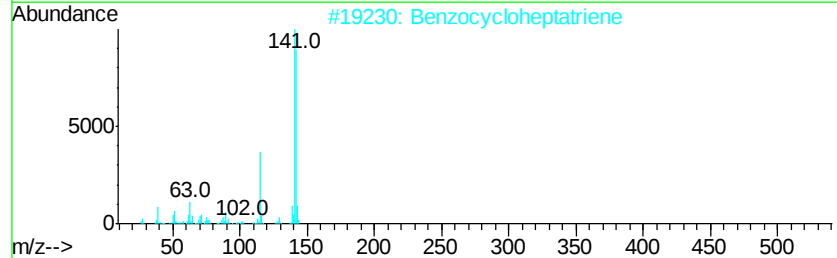
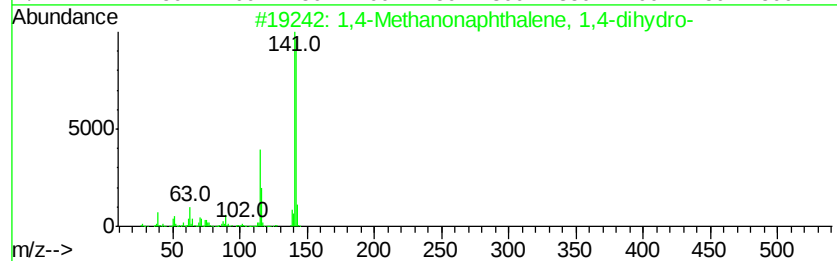
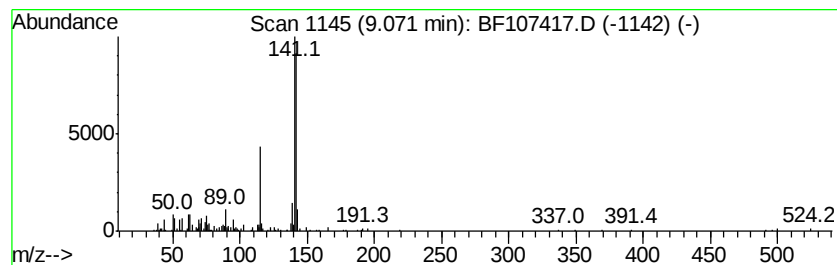
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1,4-Methanonaphthalene, 1,4... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.88 ng	175093	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
2		Benzocycloheptatriene	142	C11H10	000264-09-5	91
3		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90



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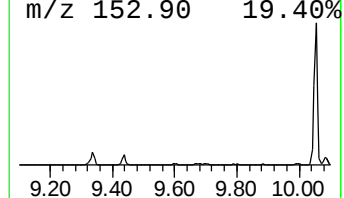
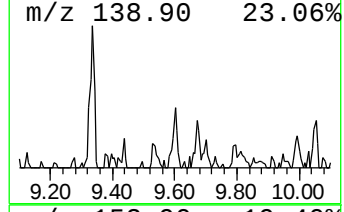
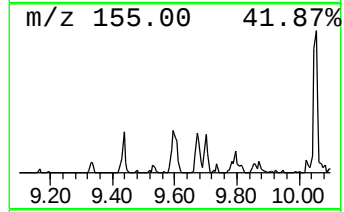
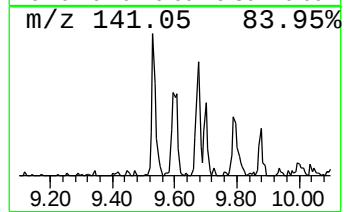
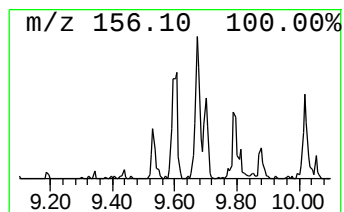
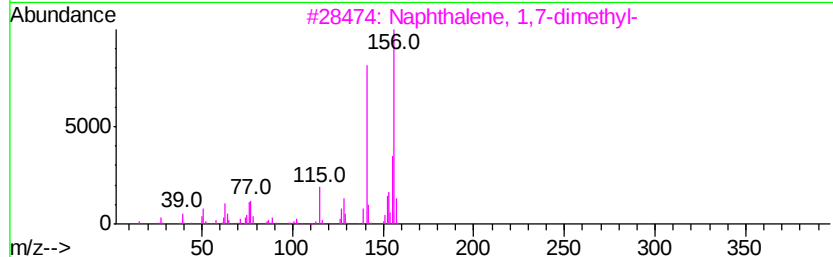
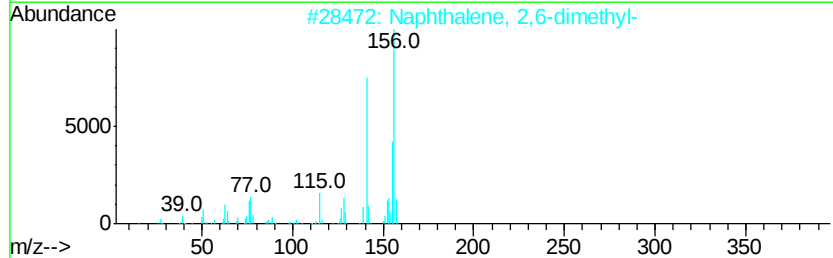
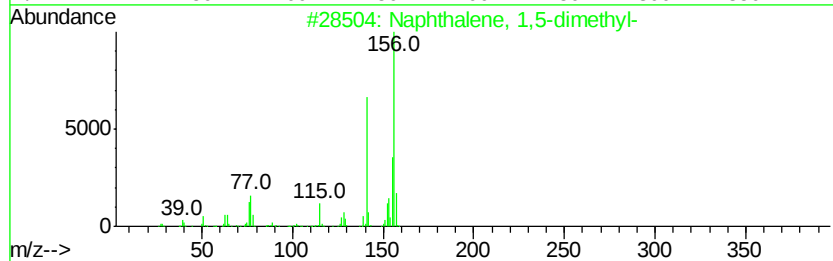
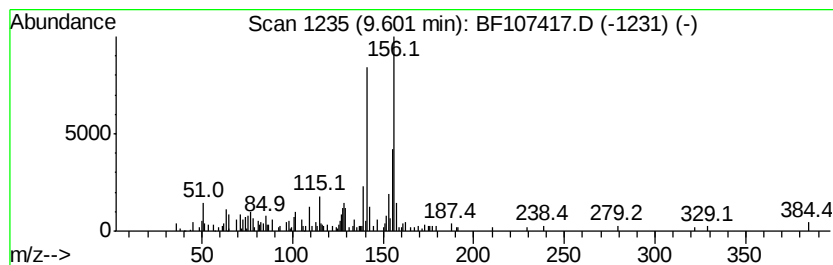
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Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.44 ng	160541	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
Acq On : 16 Jul 2018 22:01
Operator : JU/SJ
Sample : J3542-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
LS-SOIL-3

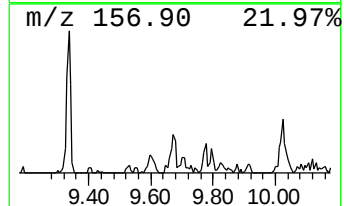
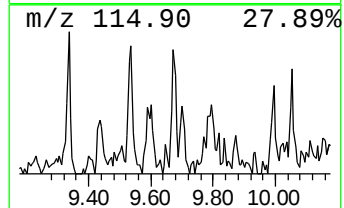
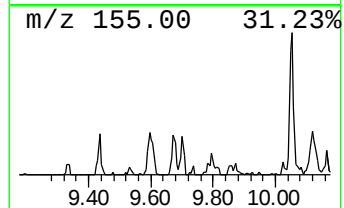
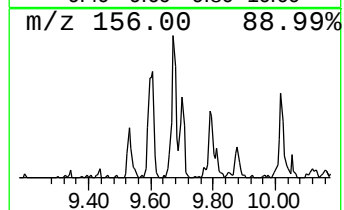
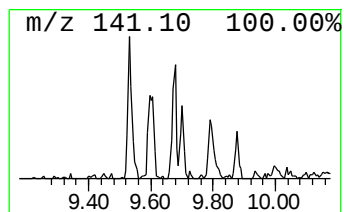
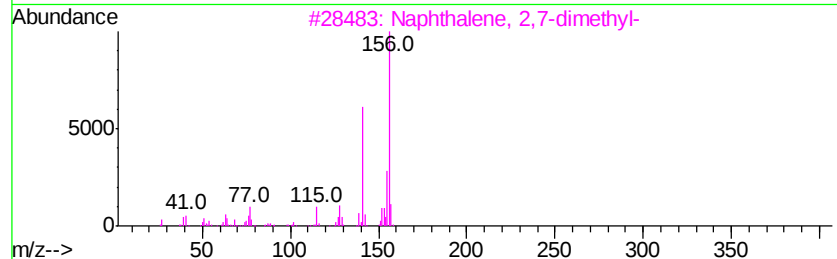
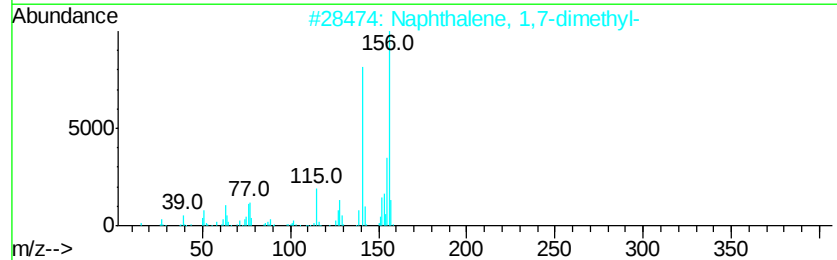
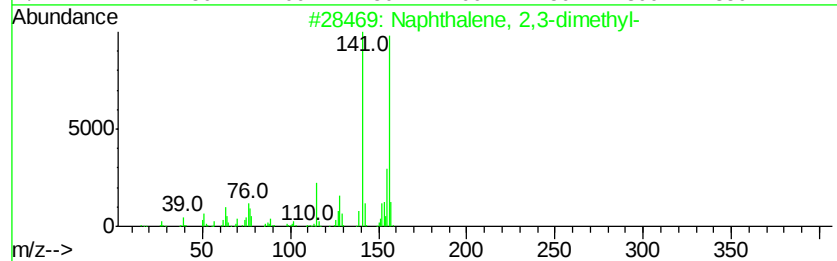
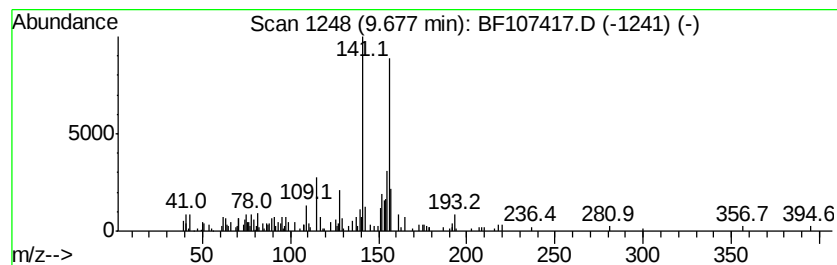
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	3.36 ng	220654	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	87
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
Acq On : 16 Jul 2018 22:01
Operator : JU/SJ
Sample : J3542-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

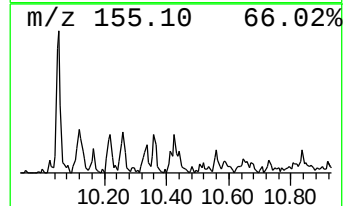
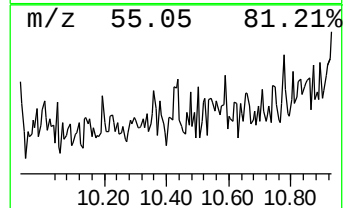
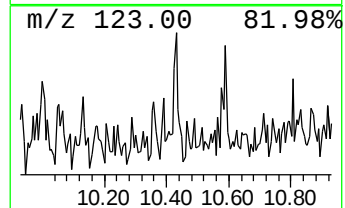
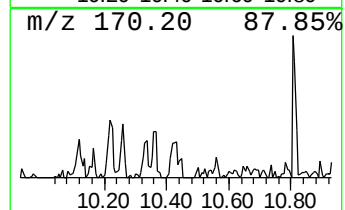
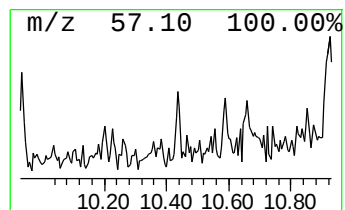
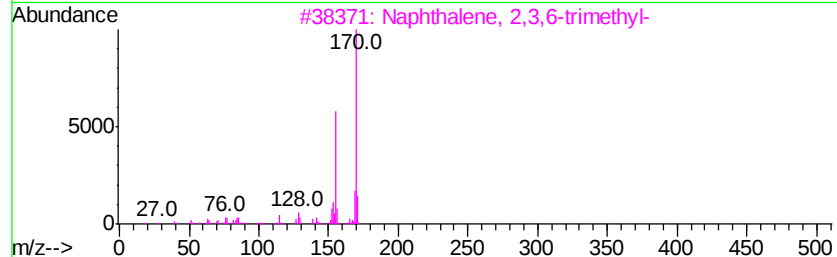
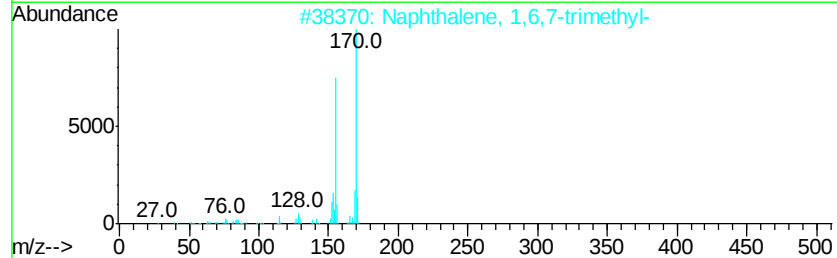
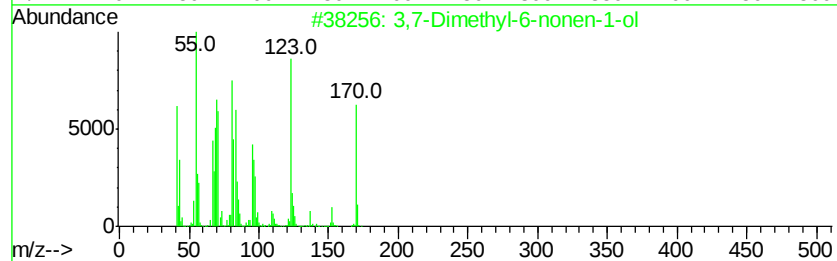
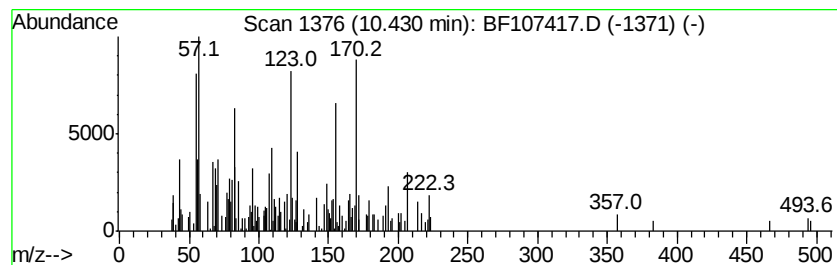
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3,7-Dimethyl-6-nonen-1-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.78 ng	182670	Acenaphthene-d10	10.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,7-Dimethyl-6-nonen-1-ol	170 C11H22O	041972-59-2	50
2	Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7	43
3	Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5	38
4	Pyrimidin-4(3H)-one, 5-ethyl-2-m...	170 C7H10N2OS	030150-54-0	30
5	2,4,6,(1H,3H,5H)-Pyrimidinetrion...	170 C6H6N2O4	058713-02-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
Acq On : 16 Jul 2018 22:01
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Sample : J3542-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

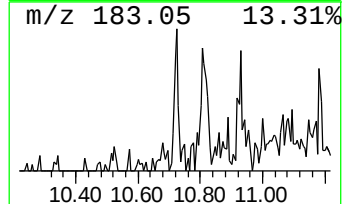
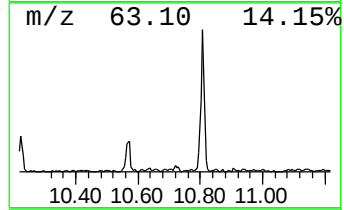
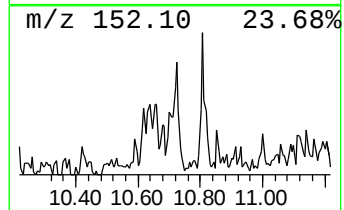
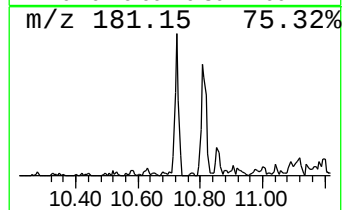
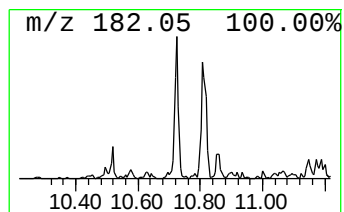
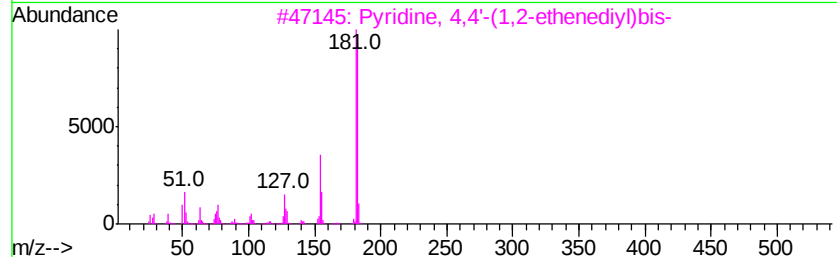
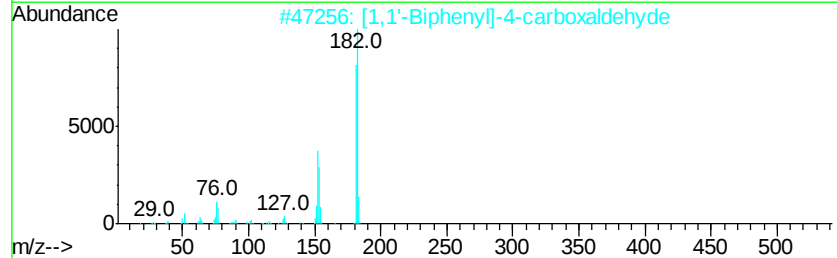
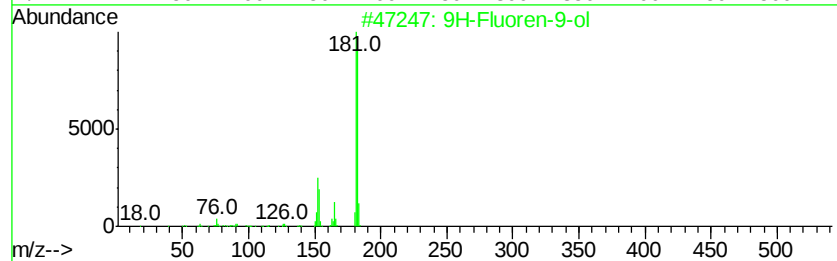
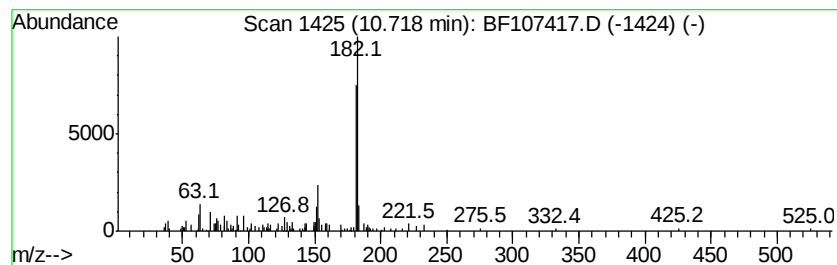
Instrument :
BNA_F
ClientSampled :
LS-SOIL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluoren-9-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.33 ng	153004	Acenaphthene-d10	10.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8	87
3	Pvridine, 4,4'-(1,2-ethenedivl)bis-	182 C12H10N2	001135-32-6	72
4	Norharmine, N-methyl-	182 C12H10N2	1000374-78-6	64
5	2-Hydroxyfluorene	182 C13H10O	002443-58-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
Acq On : 16 Jul 2018 22:01
Operator : JU/SJ
Sample : J3542-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

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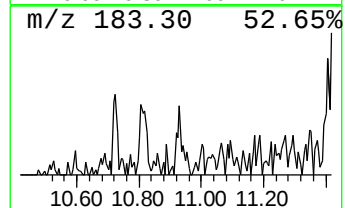
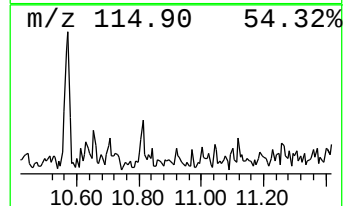
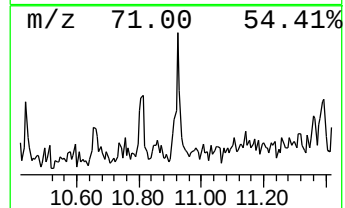
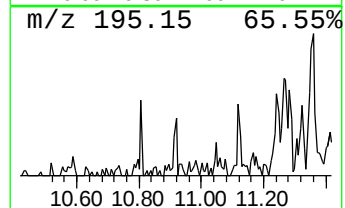
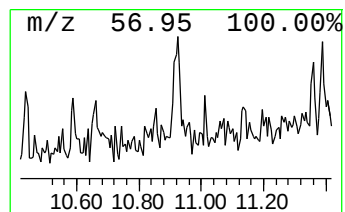
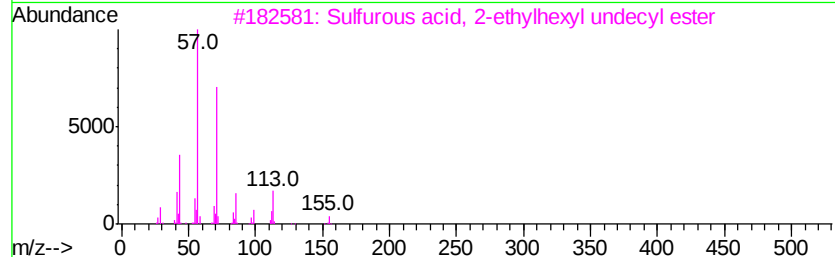
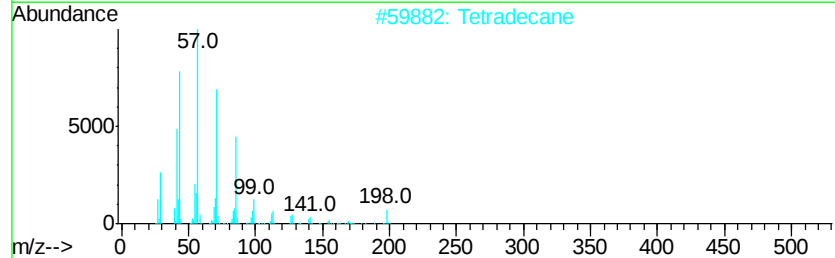
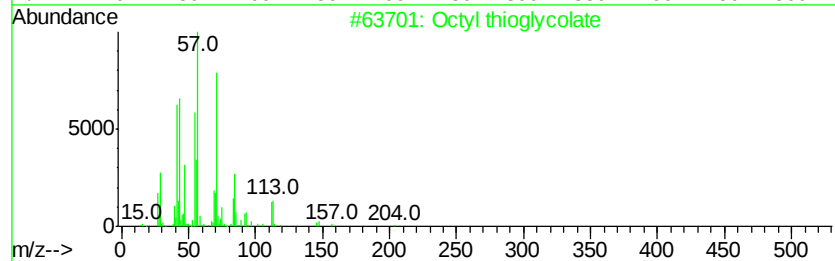
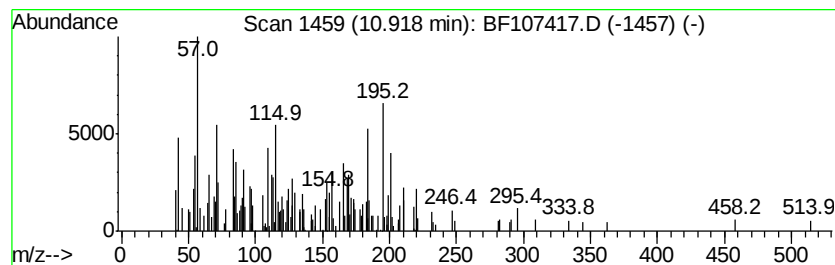
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.92 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	2.75 ng	166695	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octyl thio glycolate	204	C10H20O2S	007664-80-4	38
2			Tetradecane	198	C14H30	000629-59-4	35
3			Sulfurous acid, 2-ethylhexyl undecyl ester	348	C19H40O3S	1000309-19-4	35
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	27
5			Undeca-4,8-dione	184	C11H20O2	013505-35-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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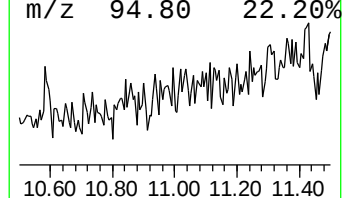
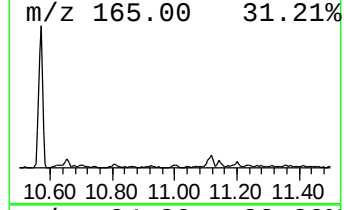
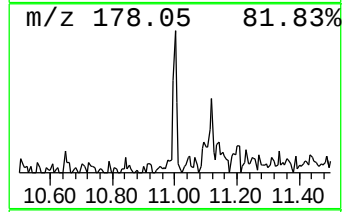
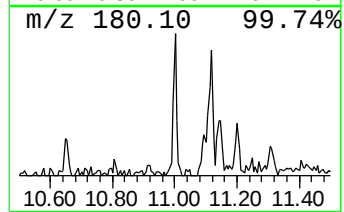
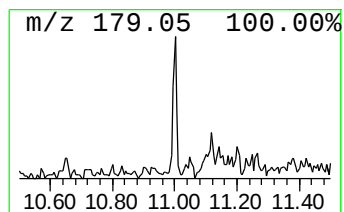
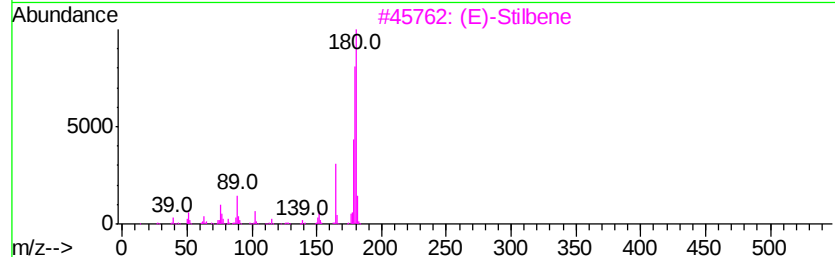
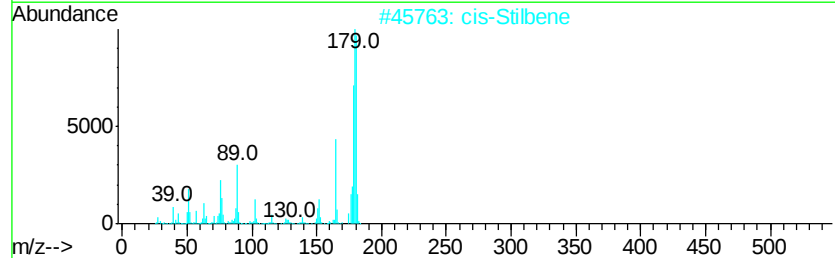
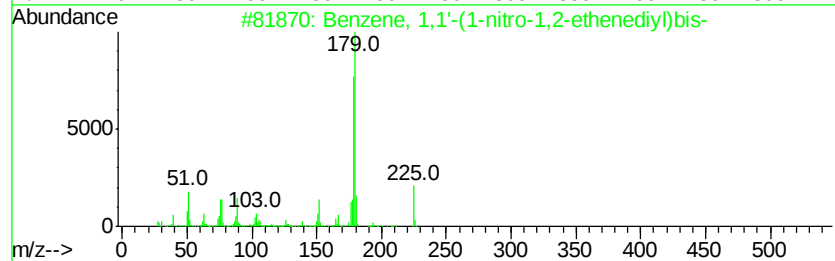
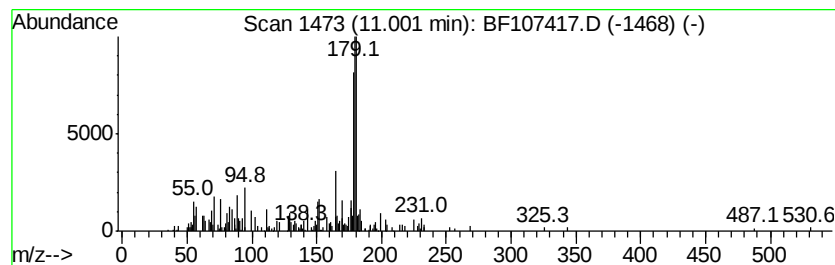
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,1'-(1-nitro-1,2-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	3.02 ng	183513	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(1-nitro-1,2-ethen...	225	C14H11N02	001215-07-2	60
2		cis-Stilbene	180	C14H12	000645-49-8	60
3		(E)-Stilbene	180	C14H12	000103-30-0	55
4		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	53
5		Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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Sample : J3542-09
Misc :
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Instrument :
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ClientSampleId :
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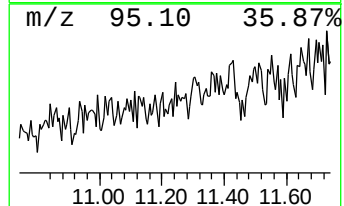
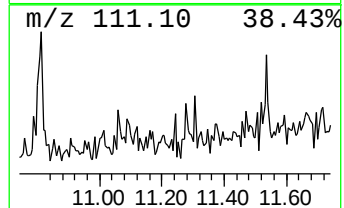
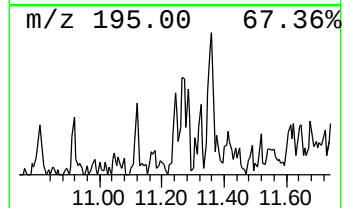
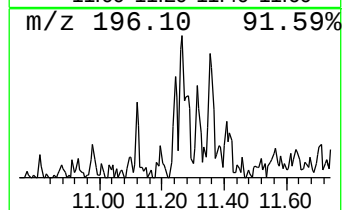
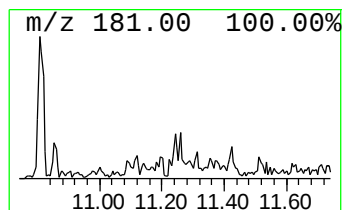
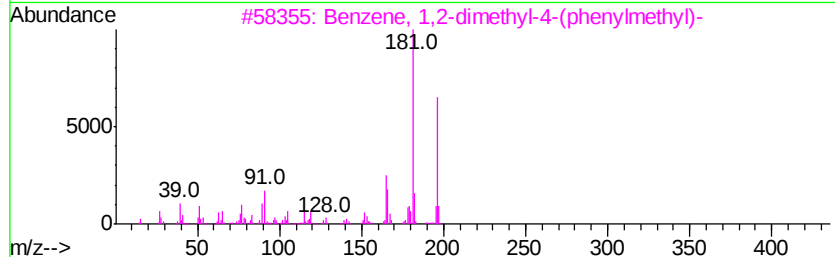
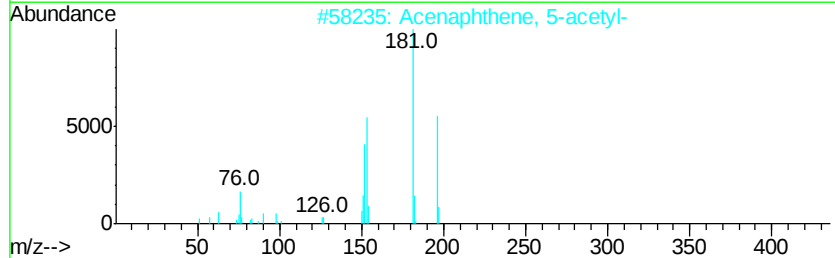
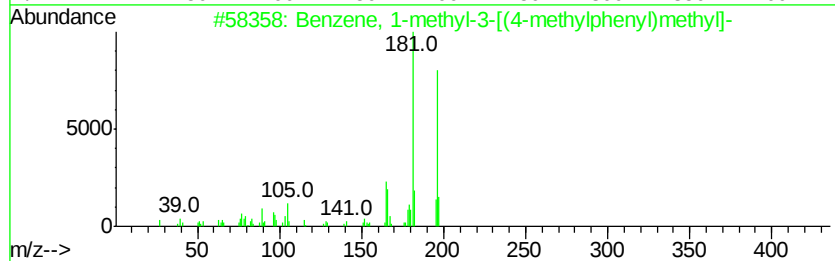
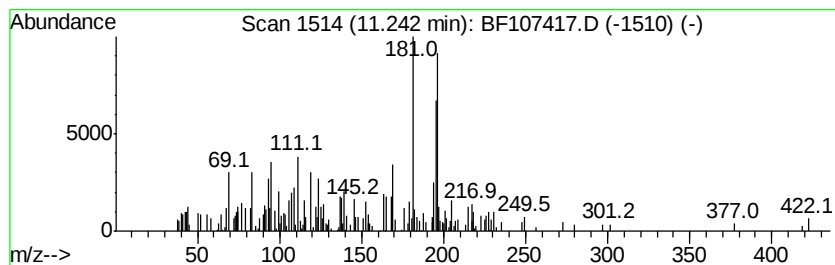
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.24 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.15 ng	130312	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	43
2			Acenaphthene, 5-acetyl-	196	C14H12O	010047-18-4	43
3			Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	43
4			6-Methyl-5,6,7,8-tetrahydro-2-th...	196	C9H12N2OS	104829-71-2	43
5			Silane, (3-methoxyphenoxy)trimet...	196	C10H16O2Si	033285-71-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
Acq On : 16 Jul 2018 22:01
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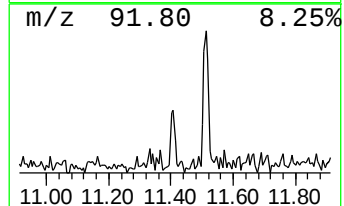
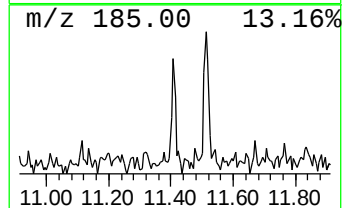
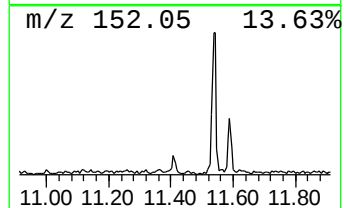
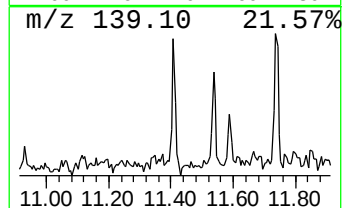
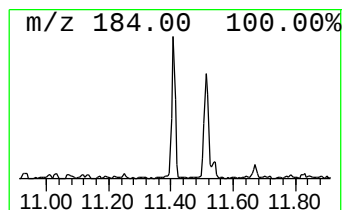
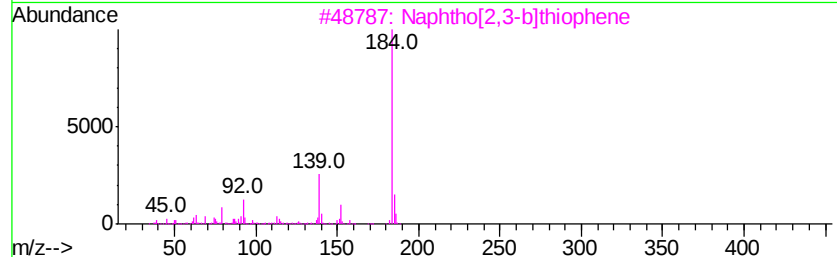
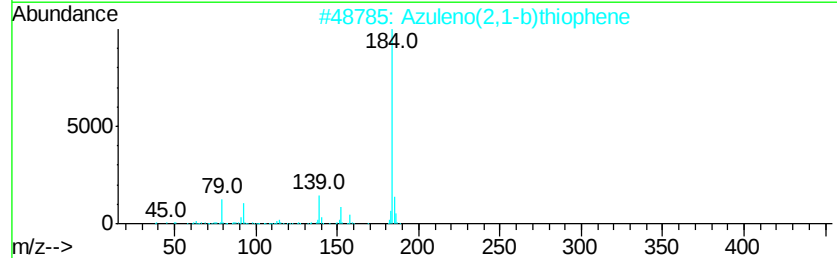
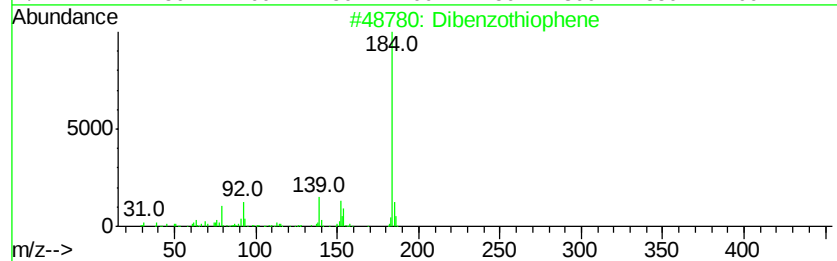
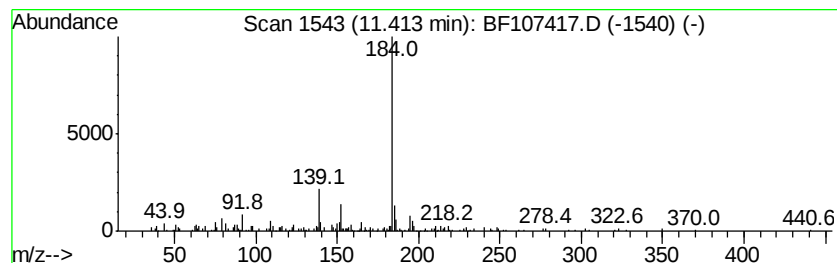
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	3.77 ng	228893	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	90
2			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
Acq On : 16 Jul 2018 22:01
Operator : JU/SJ
Sample : J3542-09
Misc :
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ClientSampleId :
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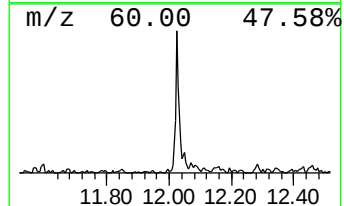
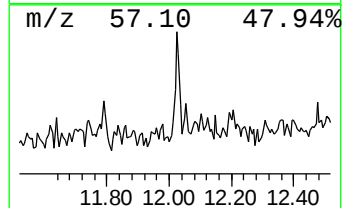
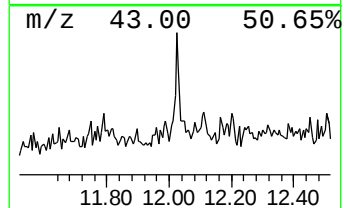
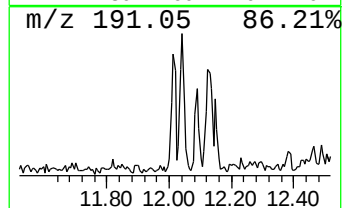
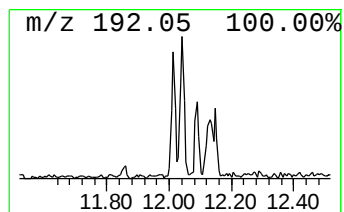
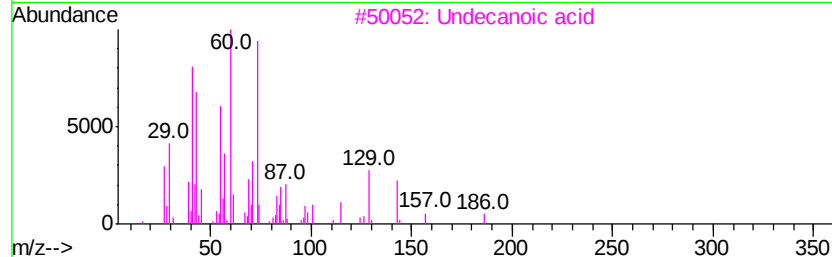
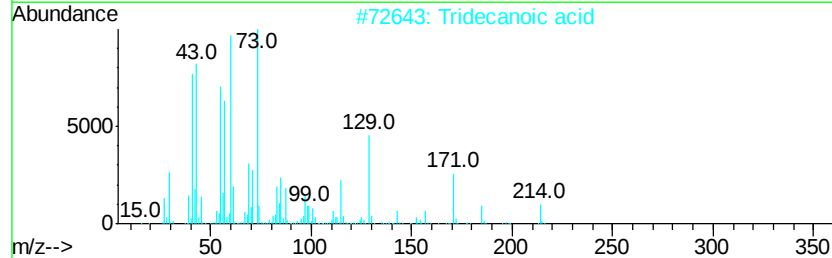
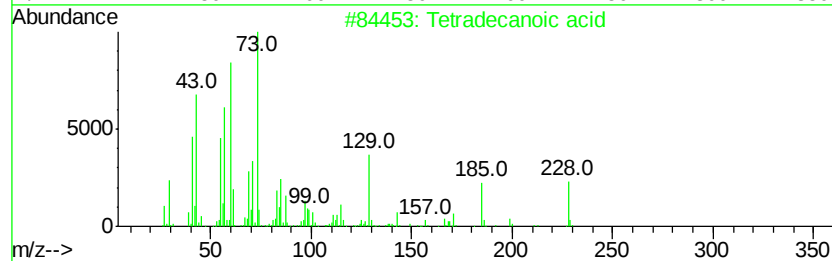
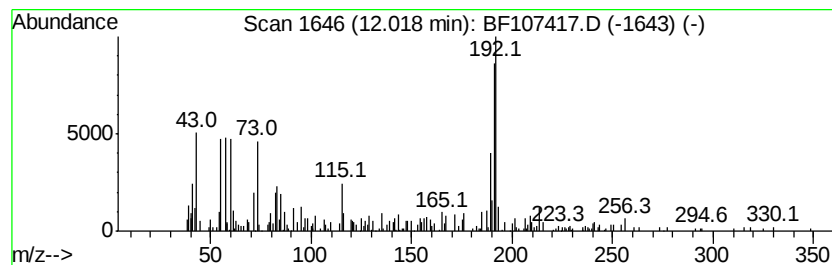
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	13.36 ng	810775	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		Undecanoic acid	186	C11H22O2	000112-37-8	64
4		Nonanoic acid	158	C9H18O2	000112-05-0	58
5		12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
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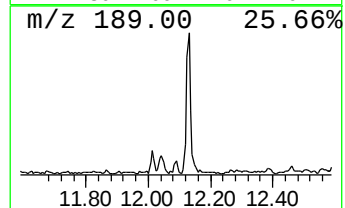
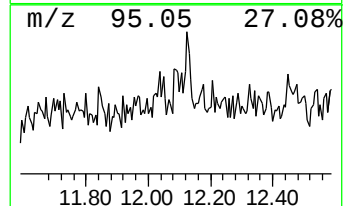
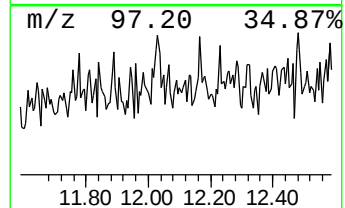
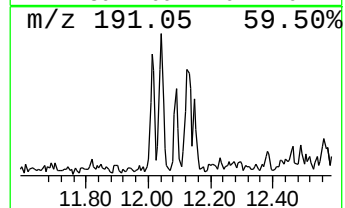
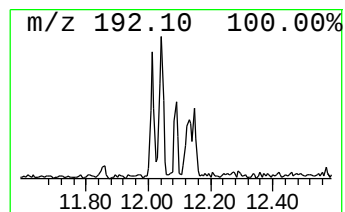
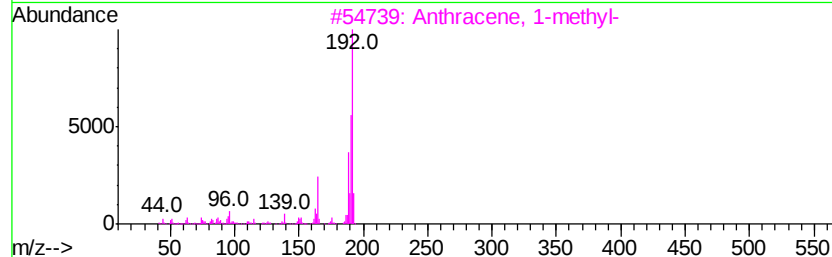
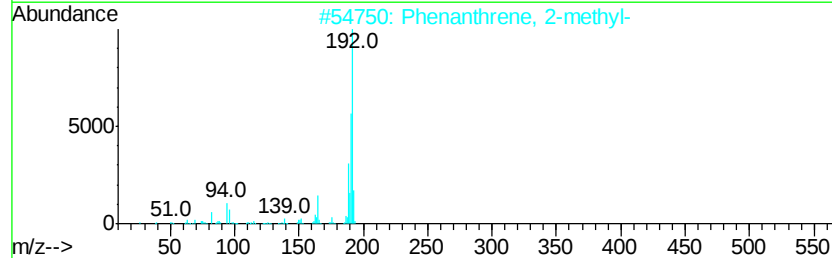
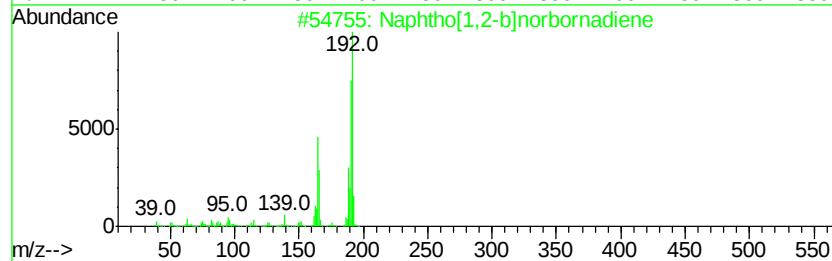
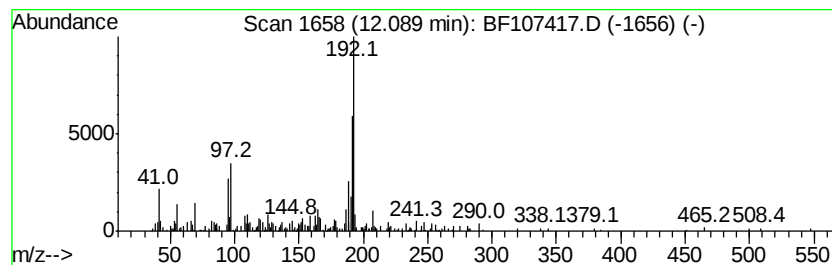
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphtho[1,2-b]norbornadiene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.19 ng	132820	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	62
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	53
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
Acq On : 16 Jul 2018 22:01
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Misc :
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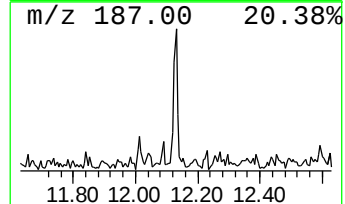
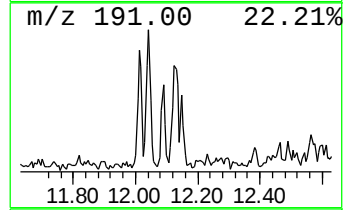
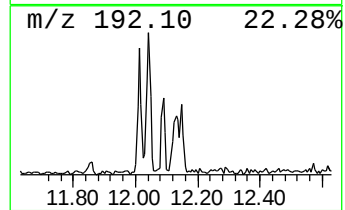
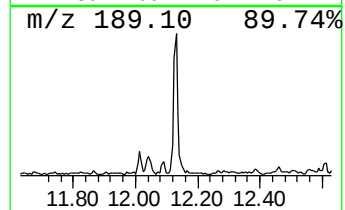
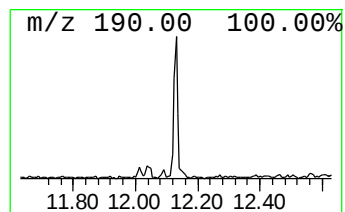
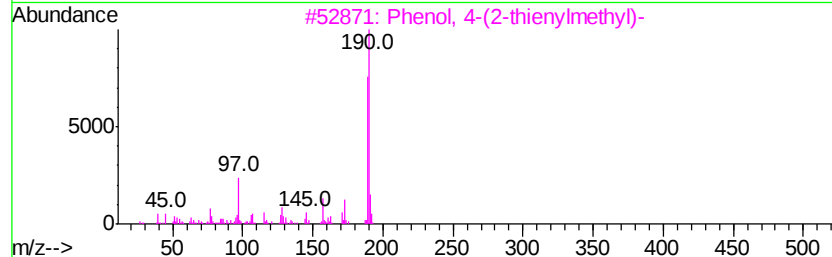
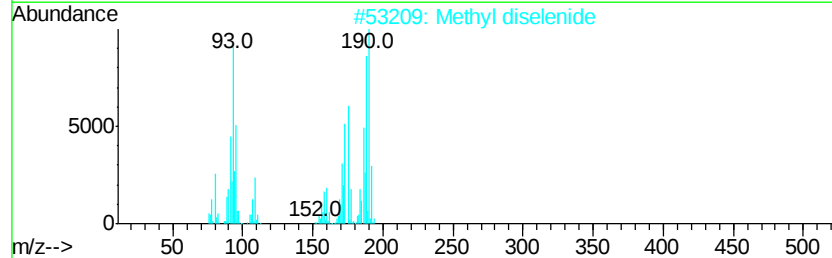
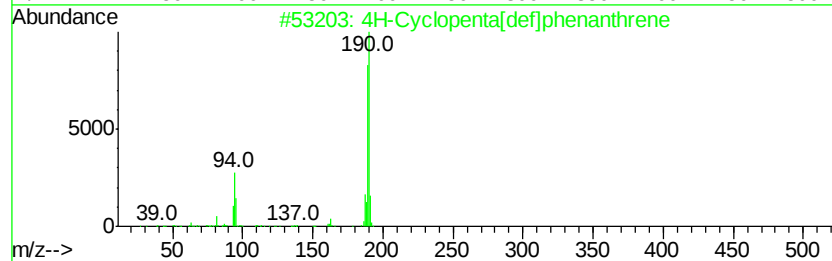
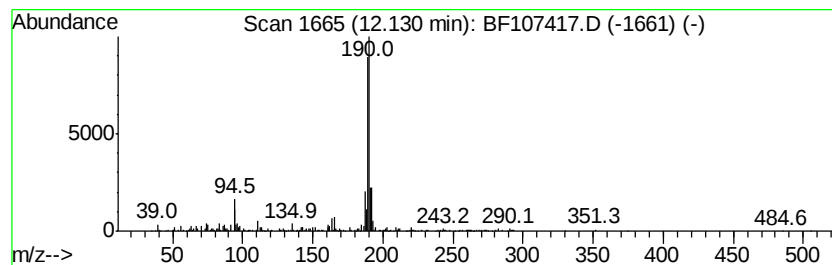
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	7.62 ng	462585	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
Acq On : 16 Jul 2018 22:01
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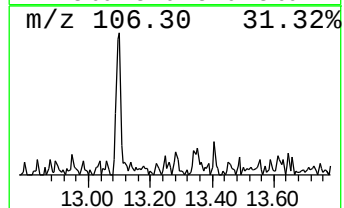
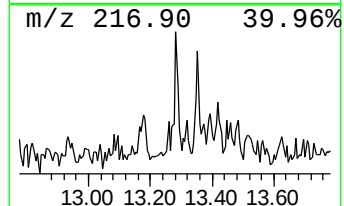
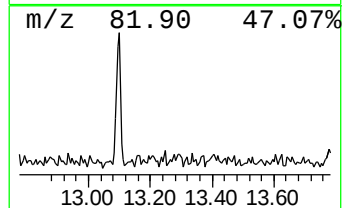
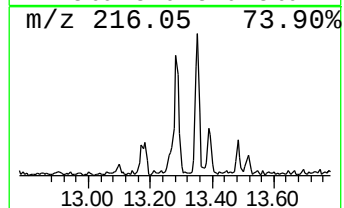
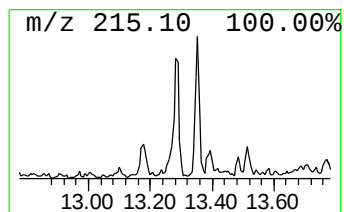
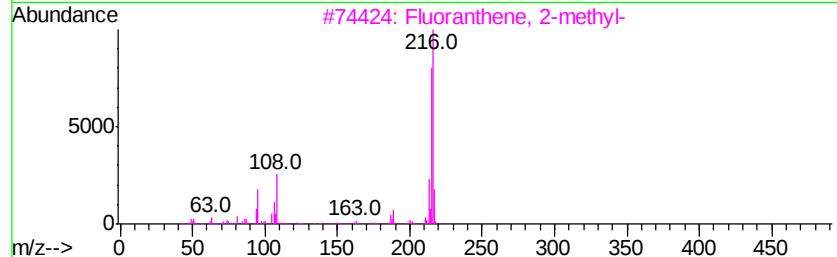
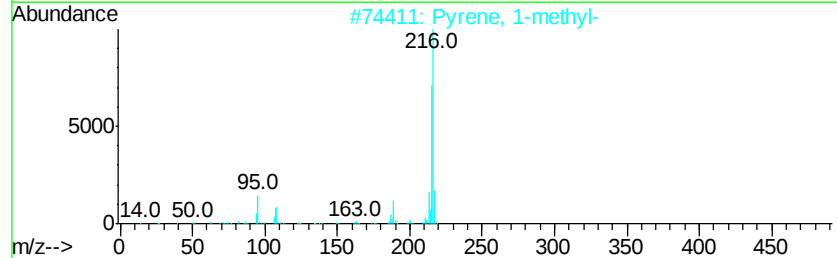
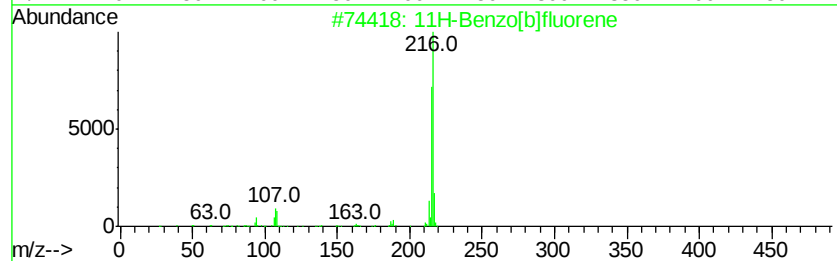
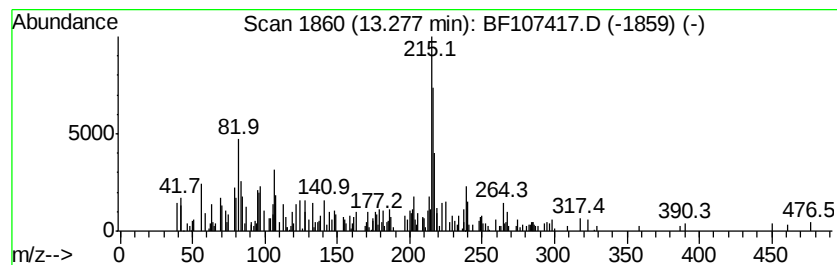
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	4.11 ng	256475	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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Misc :
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Instrument :
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ClientSampleId :
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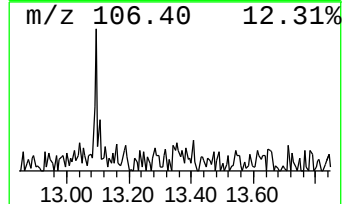
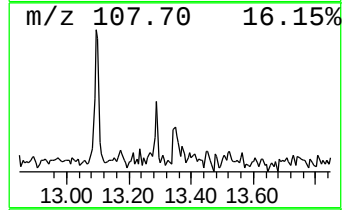
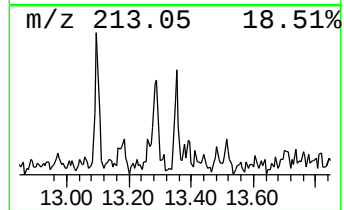
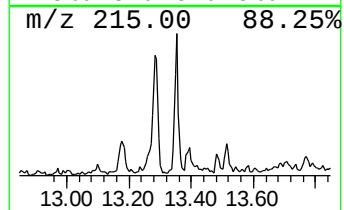
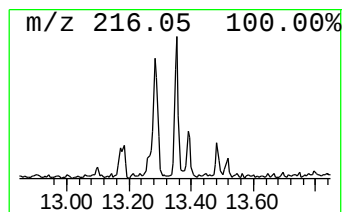
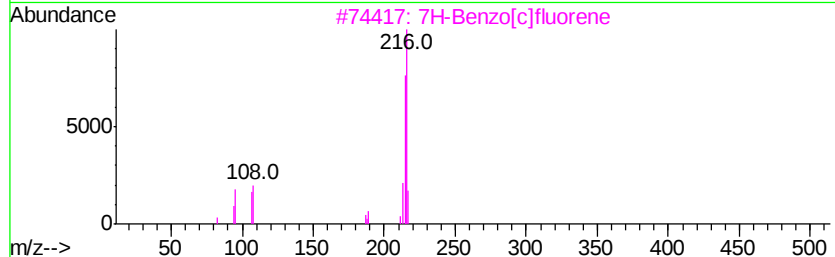
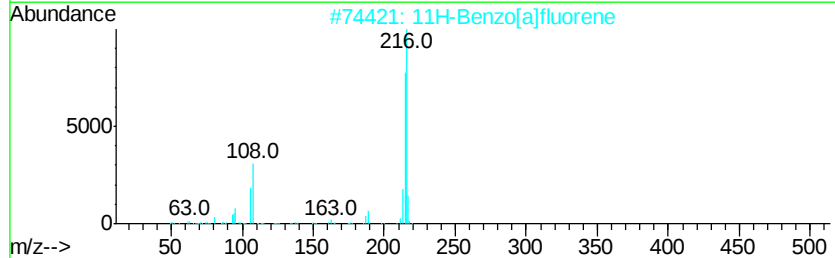
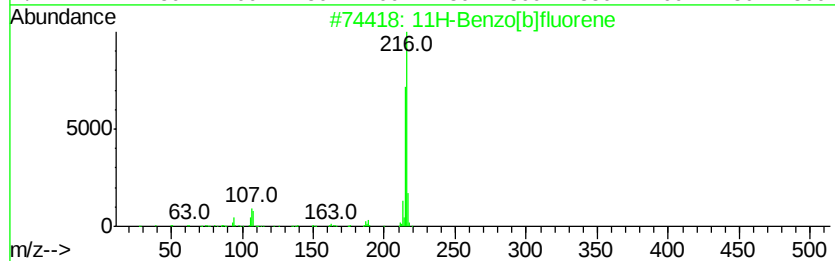
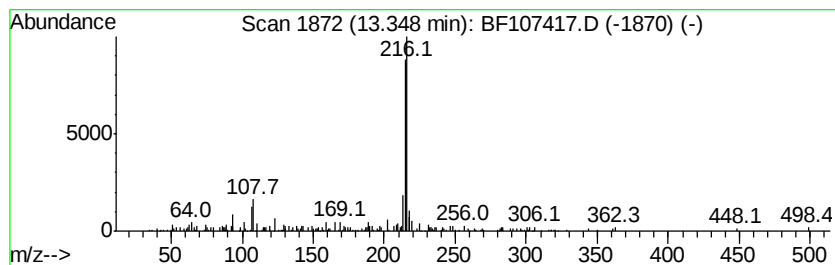
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.56 ng	159759	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	52



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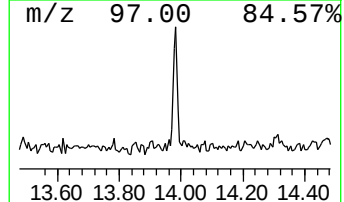
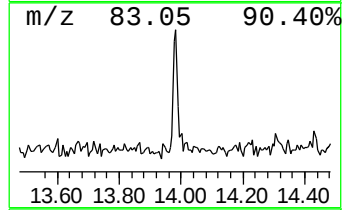
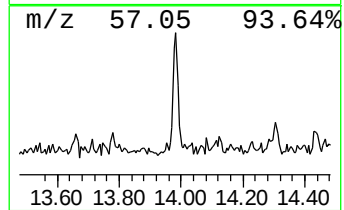
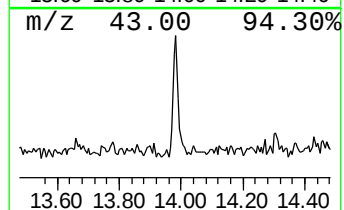
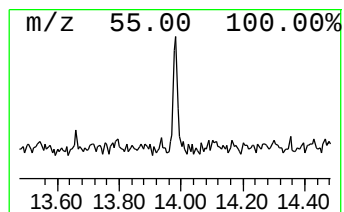
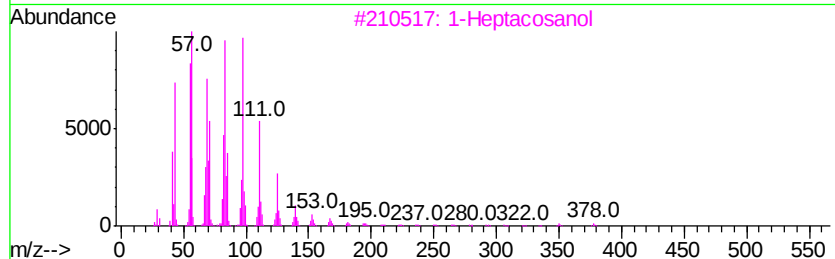
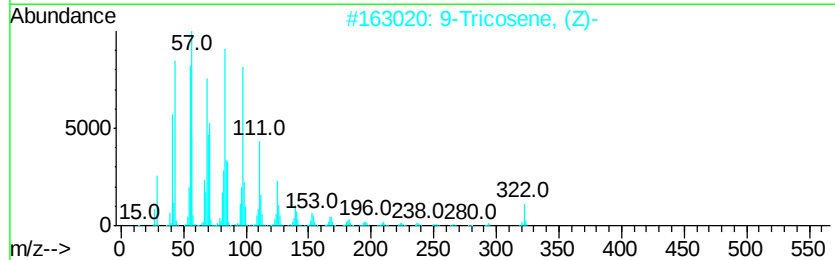
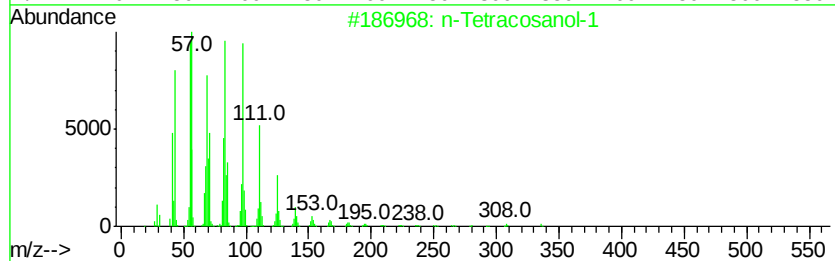
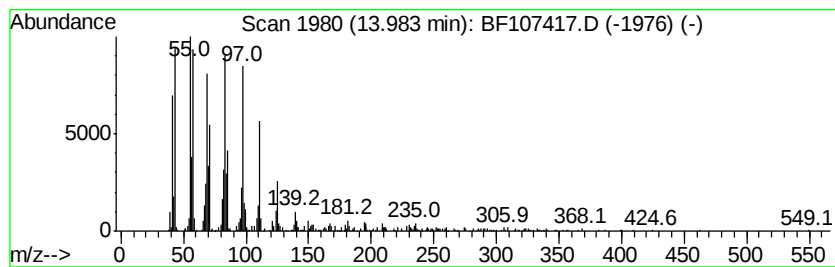
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	12.69 ng	792324	Chrysene-d12	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Behenic alcohol	326	C22H46O	000661-19-8	87
5		1-Nonadecene	266	C19H38	018435-45-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

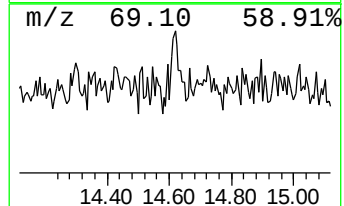
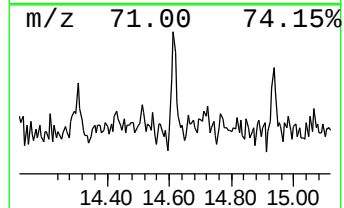
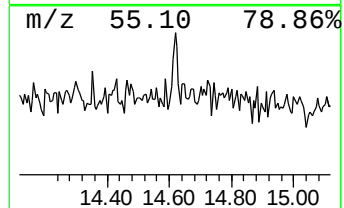
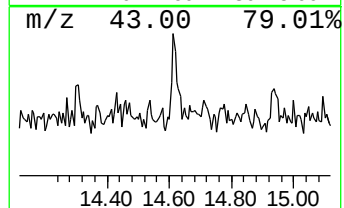
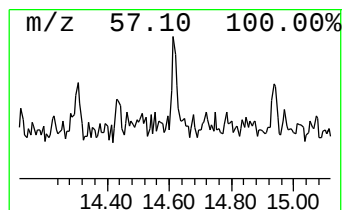
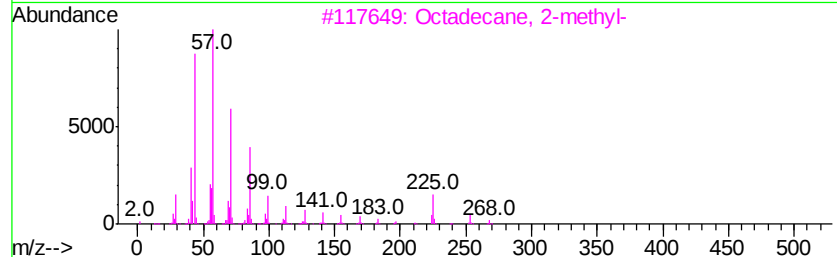
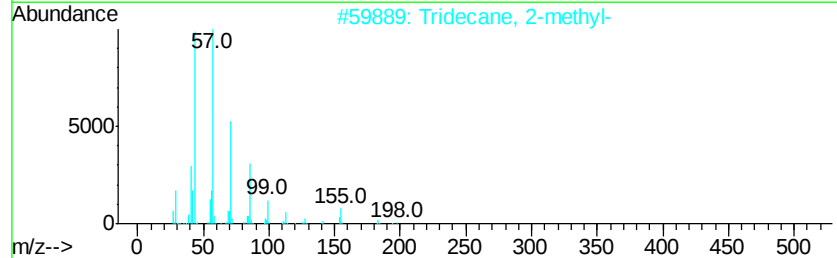
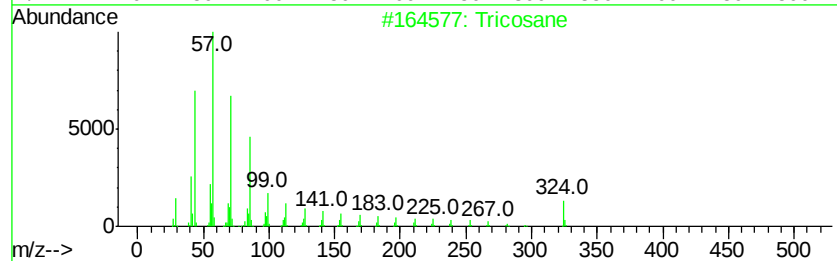
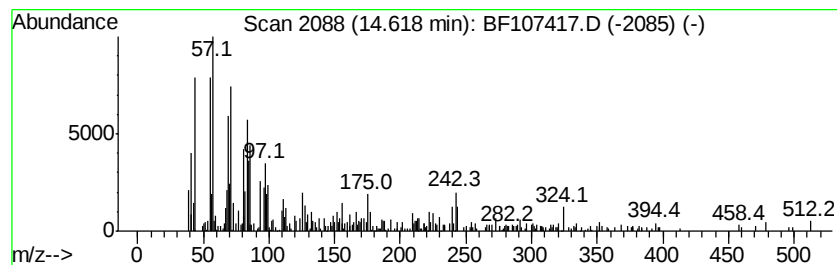
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.62	5.63 ng	351584	Chrysene-d12	14.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	64
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	60
4	Heneicosane	296	C21H44	000629-94-7	60
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107417.D
Acq On : 16 Jul 2018 22:01
Operator : JU/SJ
Sample : J3542-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-3

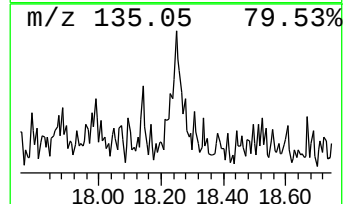
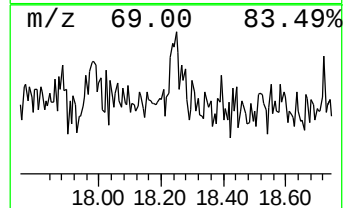
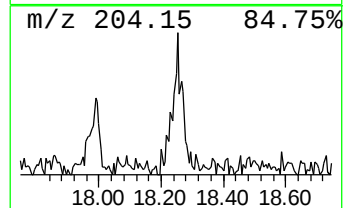
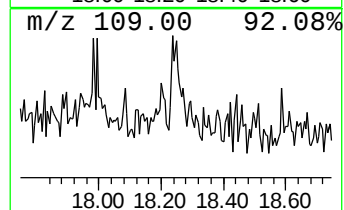
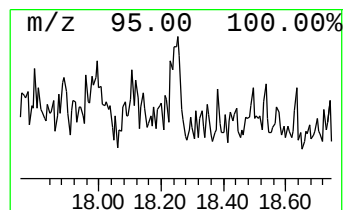
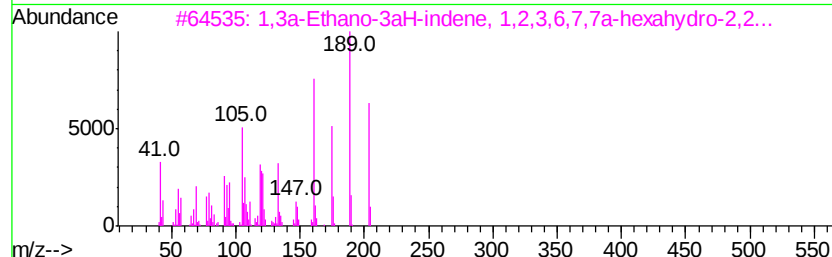
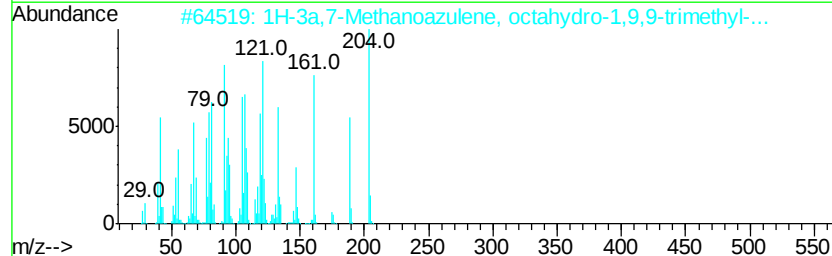
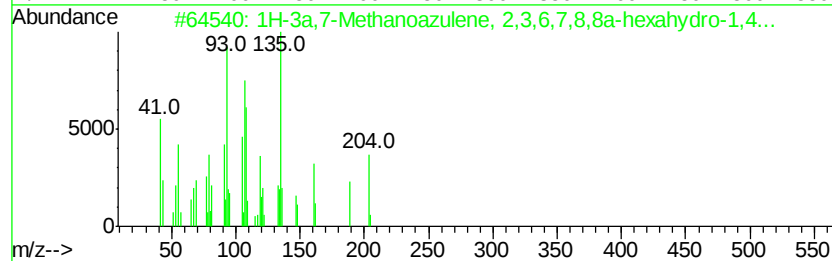
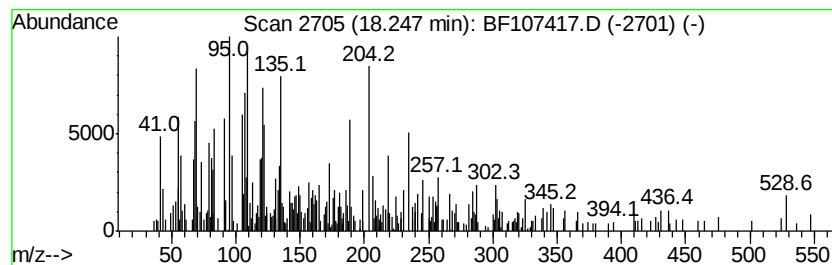
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.25 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	7.82 ng	532842	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	30
2		1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	30
3		1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	25
4		.delta.-Selinene	204	C15H24	028624-23-9	22
5		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107417.D
 Acq On : 16 Jul 2018 22:01
 Operator : JU/SJ
 Sample : J3542-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
unknown5.21	5.21	8.9	ng	460392	1	6.98	1035400	20.0
unknown6.75	6.75	72.0	ng	3729110	1	6.98	1035400	20.0
1,4-Methanonaphth...	9.07	2.9	ng	175093	2	8.26	1216260	20.0
Naphthalene, 1,5-...	9.60	2.4	ng	160541	3	10.02	1314500	20.0
Naphthalene, 2,3-...	9.68	3.4	ng	220654	3	10.02	1314500	20.0
3,7-Dimethyl-6-no...	10.43	2.8	ng	182670	3	10.02	1314500	20.0
9H-Fluoren-9-ol	10.72	2.3	ng	153004	3	10.02	1314500	20.0
unknown10.92	10.92	2.8	ng	166695	4	11.51	1213960	20.0
Benzene, 1,1'-(1-...	11.00	3.0	ng	183513	4	11.51	1213960	20.0
unknown11.24	11.24	2.1	ng	130312	4	11.51	1213960	20.0
Dibenzothiophene	11.41	3.8	ng	228893	4	11.51	1213960	20.0
Tetradecanoic acid	12.02	13.4	ng	810775	4	11.51	1213960	20.0
Naphtho[1,2-b]nor...	12.09	2.2	ng	132820	4	11.51	1213960	20.0
4H-Cyclopenta[def...	12.13	7.6	ng	462585	4	11.51	1213960	20.0
11H-Benzo[b]fluorene	13.28	4.1	ng	256475	5	14.16	1248610	20.0
Pyrene, 1-methyl-	13.35	2.6	ng	159759	5	14.16	1248610	20.0
n-Tetracosanol-1	13.98	12.7	ng	792324	5	14.16	1248610	20.0
Tricosane	14.62	5.6	ng	351584	5	14.16	1248610	20.0
unknown18.25	18.25	7.8	ng	532842	6	15.69	1361940	20.0