

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110773.D
 Acq On : 14 Nov 2018 19:17
 Operator : JU/SJ
 Sample : J5911-05 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-07(10-12)

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-BF110818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.110	160	174	182	rBV	187662	412076	4.47%	0.216%
2	3.875	296	304	315	rBV	69609	149186	1.62%	0.078%
3	4.134	342	348	352	rVV	88008	130470	1.42%	0.069%
4	4.275	364	372	376	rBV	455559	639002	6.94%	0.336%
5	4.322	376	380	386	rVB	210226	263517	2.86%	0.138%
6	4.416	391	396	400	rBV2	161145	210353	2.28%	0.110%
7	4.469	400	405	412	rVB	158555	248072	2.69%	0.130%
8	4.604	423	428	437	rVB	452416	541588	5.88%	0.284%
9	4.698	437	444	451	rBV	232755	304126	3.30%	0.160%
10	4.845	465	469	472	rBV	125963	142492	1.55%	0.075%
11	4.887	472	476	480	rBV	241195	247880	2.69%	0.130%
12	4.992	490	494	501	rVB	698740	851807	9.24%	0.447%
13	5.075	501	508	510	rBV2	759731	1068151	11.59%	0.561%
14	5.104	510	513	518	rVB	1130791	1264709	13.73%	0.664%
15	5.157	518	522	526	rBV	1368463	1487267	16.14%	0.781%
16	5.210	528	531	537	rVB2	281636	396068	4.30%	0.208%
17	5.281	541	543	549	rVB2	250067	250599	2.72%	0.132%
18	5.351	549	555	559	rBV3	1184001	1986114	21.56%	1.043%
19	5.422	564	567	574	rVB2	102980	122196	1.33%	0.064%
20	5.504	578	581	584	rBV	320480	324906	3.53%	0.171%
21	5.534	584	586	589	rBV2	184102	194954	2.12%	0.102%
22	5.634	599	603	607	rBV	535271	644821	7.00%	0.339%
23	5.710	612	616	621	rBV3	836304	1493210	16.21%	0.784%
24	5.757	621	624	627	rBV	1236405	1160178	12.59%	0.609%
25	5.798	627	631	639	rVB2	1064625	1671039	18.14%	0.878%
26	5.863	639	642	647	rBV	342092	386973	4.20%	0.203%
27	5.969	651	660	663	rBV4	1461934	2669391	28.97%	1.402%
28	6.010	663	667	674	rBV4	645862	1272908	13.81%	0.668%
29	6.104	674	683	687	rBV3	1649028	3086551	33.50%	1.621%
30	6.145	687	690	692	rVB2	367414	366771	3.98%	0.193%
31	6.192	692	698	704	rBV2	3896855	7831921	85.00%	4.113%
32	6.251	704	708	711	rVB	1862545	2179321	23.65%	1.144%
33	6.287	711	714	716	rBV2	398857	363826	3.95%	0.191%
34	6.310	716	718	721	rVB	411295	347766	3.77%	0.183%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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35	6.381	725	730	733	rBV3	1908088	3247126	35.24%	1.705%
36	6.410	733	735	743	rVB	1353639	1899154	20.61%	0.997%
37	6.487	743	748	756	rBV2	3206952	6264796	67.99%	3.290%
38	6.563	757	761	764	rBV5	696276	1135399	12.32%	0.596%
39	6.598	764	767	768	rBV	735898	772995	8.39%	0.406%
40	6.622	768	771	773	rVB2	845893	861353	9.35%	0.452%
41	6.645	773	775	777	rBV	386650	283054	3.07%	0.149%
42	6.692	777	783	787	rBV4	2089783	4693780	50.94%	2.465%
43	6.728	787	789	795	rVB3	2350691	3446772	37.41%	1.810%
44	6.804	795	802	805	rBV4	1701048	3596441	39.03%	1.889%
45	6.834	805	807	809	rBV2	216276	184816	2.01%	0.097%
46	6.904	809	819	822	rBV5	2000155	4955030	53.78%	2.602%
47	7.010	833	837	840	rBV3	786853	1194448	12.96%	0.627%
48	7.063	840	846	848	rBV5	1377398	2653338	28.80%	1.393%
49	7.098	848	852	856	rVV3	2580861	4205873	45.65%	2.209%
50	7.181	863	866	868	rBV2	1047905	1367976	14.85%	0.718%
51	7.210	868	871	872	rBV2	864871	1018043	11.05%	0.535%
52	7.275	879	882	884	rBV	1083218	1235236	13.41%	0.649%
53	7.298	884	886	889	rVV4	1221108	1383080	15.01%	0.726%
54	7.363	891	897	905	rVB4	2895142	6862411	74.48%	3.604%
55	7.498	912	920	923	rBV3	4046943	9214027	100.00%	4.839%
56	7.534	923	926	932	rVV4	2615236	4595652	49.88%	2.413%
57	7.598	932	937	942	rVB4	2896204	5200722	56.44%	2.731%
58	7.734	958	960	963	rBV2	1052289	1035004	11.23%	0.544%
59	7.775	964	967	974	rVB3	2656512	4122176	44.74%	2.165%
60	7.863	975	982	984	rBV4	2758550	6278085	68.14%	3.297%
61	7.992	999	1004	1011	rVB4	3138205	6032095	65.47%	3.168%
62	8.063	1012	1016	1021	rBV4	1295162	2322943	25.21%	1.220%
63	8.116	1021	1025	1030	rBV2	1626513	3281868	35.62%	1.723%
64	8.686	1117	1122	1125	rBV	2370993	3484868	37.82%	1.830%
65	9.086	1187	1190	1197	rVB5	2060648	2942081	31.93%	1.545%
66	9.280	1217	1223	1228	rVB2	3712821	7452950	80.89%	3.914%
67	9.610	1273	1279	1282	rBV2	2091203	3876393	42.07%	2.036%
68	9.639	1282	1284	1286	rVV2	843121	701223	7.61%	0.368%
69	9.686	1287	1292	1294	rVV2	1724073	3229150	35.05%	1.696%
70	9.727	1294	1299	1302	rVB4	3351727	5924707	64.30%	3.111%
71	9.798	1309	1311	1318	rVB6	1823937	3357702	36.44%	1.763%

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72	9.880	1322	1325	1327	rVV3	1212395	1251064	13.58%	0.657%
73	9.927	1331	1333	1337	rVB3	1353824	1368392	14.85%	0.719%
74	9.963	1337	1339	1342	rBV2	876836	1090482	11.84%	0.573%
75	10.110	1362	1364	1368	rVB2	769335	925696	10.05%	0.486%
76	10.180	1373	1376	1377	rVV	1230472	1137641	12.35%	0.597%
77	10.210	1377	1381	1383	rVV2	1513771	1908401	20.71%	1.002%
78	10.251	1383	1388	1392	rVB3	2407196	3719071	40.36%	1.953%
79	10.322	1397	1400	1403	rBV2	1513592	1826579	19.82%	0.959%
80	10.351	1403	1405	1408	rVV2	1744976	1455643	15.80%	0.764%
81	10.410	1412	1415	1417	rVV2	1156502	1258696	13.66%	0.661%
82	10.433	1417	1419	1422	rVB2	1130835	1089364	11.82%	0.572%
83	10.539	1435	1437	1439	rBV2	605423	615665	6.68%	0.323%
84	10.627	1448	1452	1455	rVV	3000773	3099636	33.64%	1.628%
85	10.651	1455	1456	1459	rVB2	376252	243445	2.64%	0.128%
86	10.745	1470	1472	1476	rVB4	557973	579632	6.29%	0.304%
87	10.780	1476	1478	1482	rVV4	443377	606798	6.59%	0.319%
88	10.816	1482	1484	1486	rVV	472114	379153	4.11%	0.199%
89	10.839	1486	1488	1492	rVB4	293041	319111	3.46%	0.168%
90	10.892	1492	1497	1504	rVB	3794307	4557364	49.46%	2.393%
91	11.092	1528	1531	1534	rVB2	435540	494950	5.37%	0.260%
92	11.122	1534	1536	1539	rBV2	300900	239536	2.60%	0.126%
93	11.216	1547	1552	1559	rVB8	224295	458455	4.98%	0.241%
94	11.345	1571	1574	1577	rBV	935497	782411	8.49%	0.411%
95	11.480	1594	1597	1600	rBV	535968	528146	5.73%	0.277%
96	11.510	1600	1602	1609	rVB	226927	295918	3.21%	0.155%
97	11.692	1630	1633	1640	rVB	132627	159904	1.74%	0.084%
98	13.057	1862	1865	1872	rVB	165002	140061	1.52%	0.074%
99	14.127	2043	2047	2055	rBV	475714	462592	5.02%	0.243%
100	15.657	2303	2307	2318	rVB	277406	409115	4.44%	0.215%

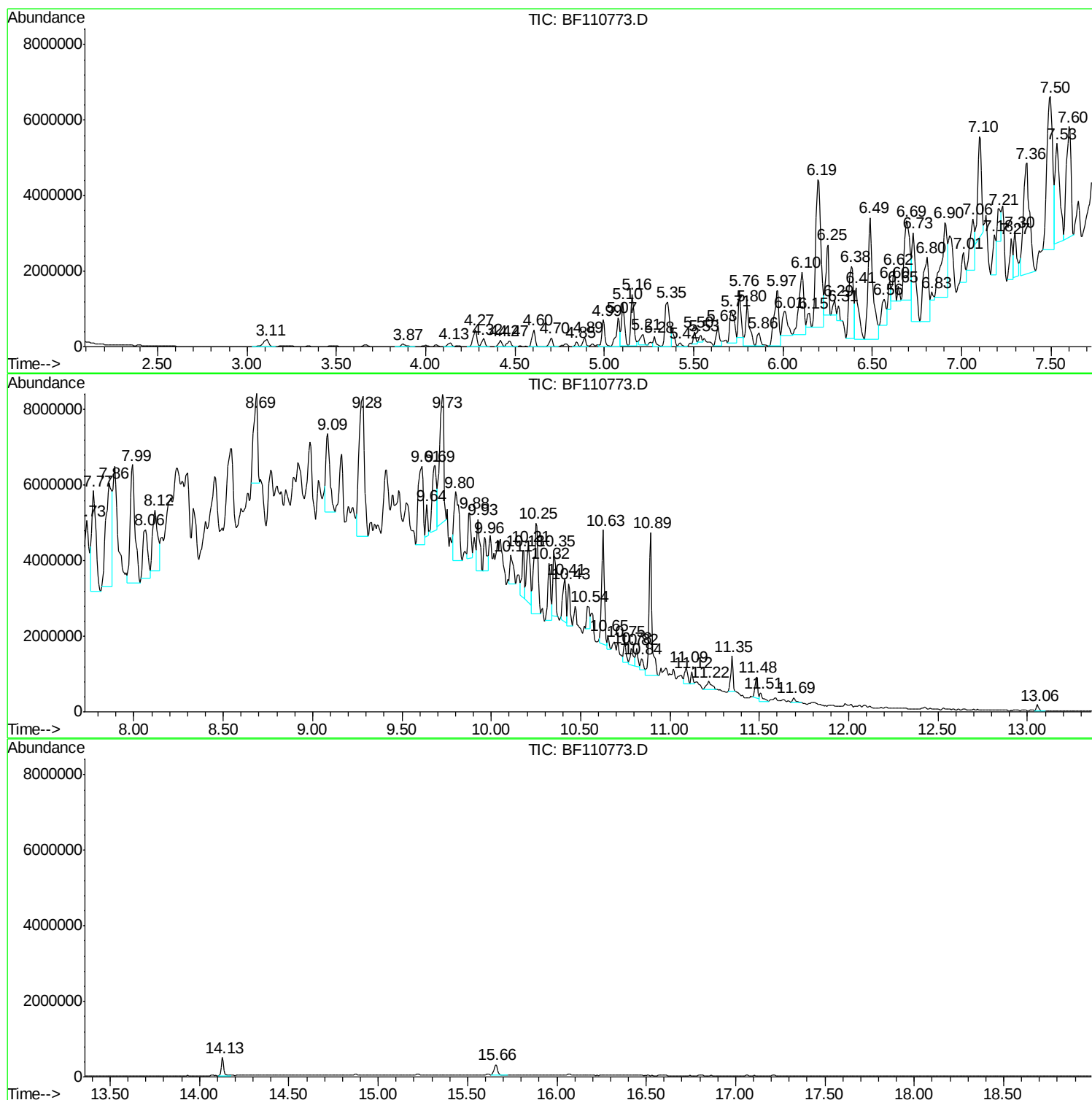
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ClientSampleId :
FDSB-07(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.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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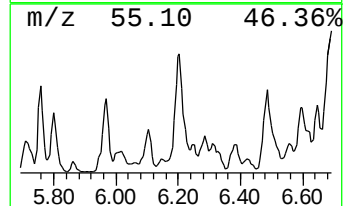
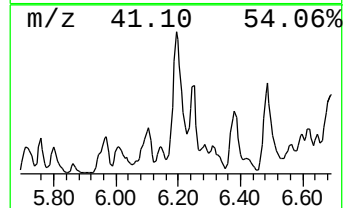
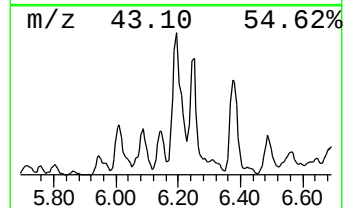
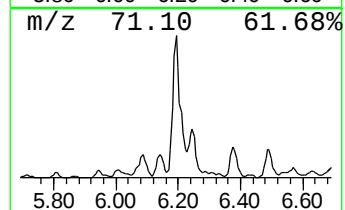
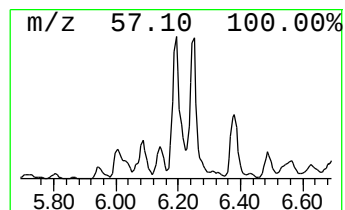
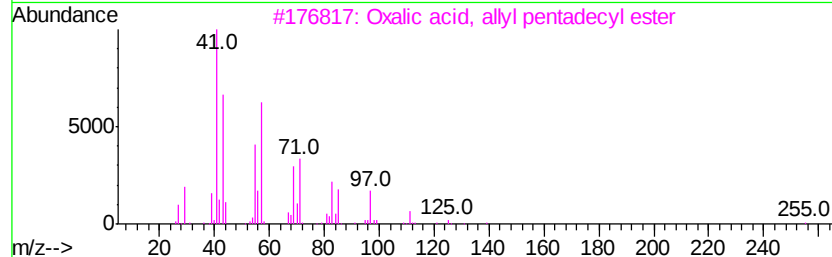
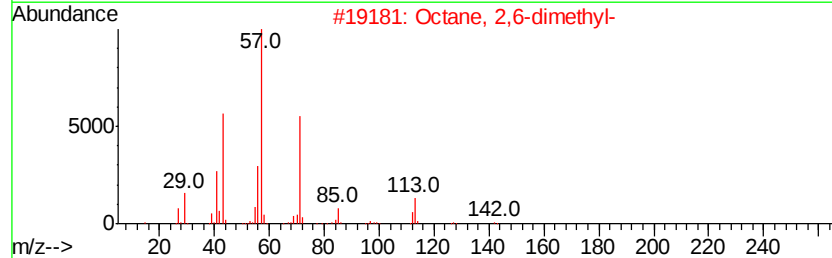
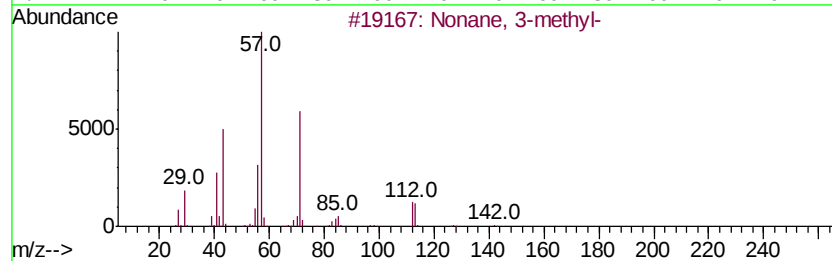
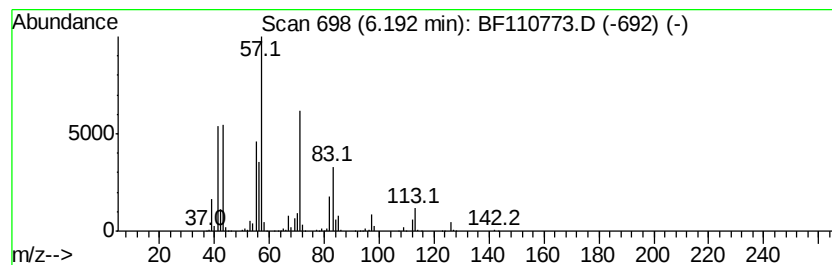
Instrument :
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FDSB-07(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.19	31.61 ng	7831920	1,4-Dichlorobenzene-d4	6.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
3	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50



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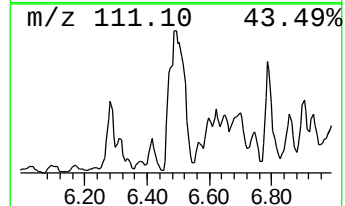
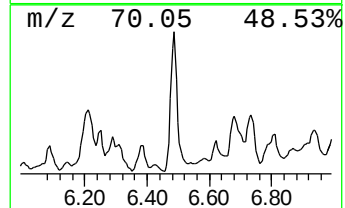
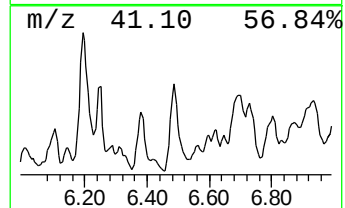
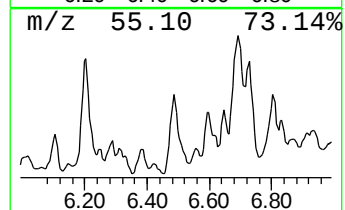
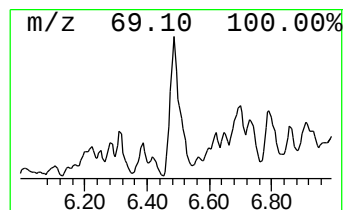
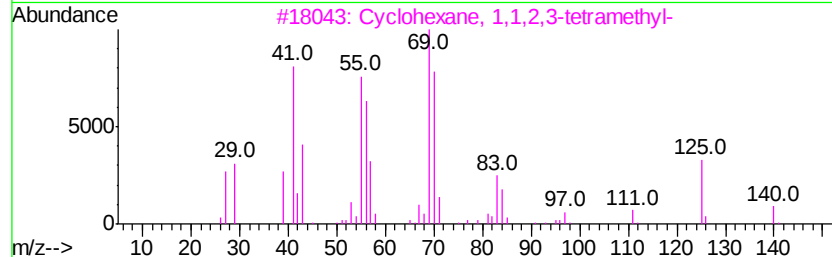
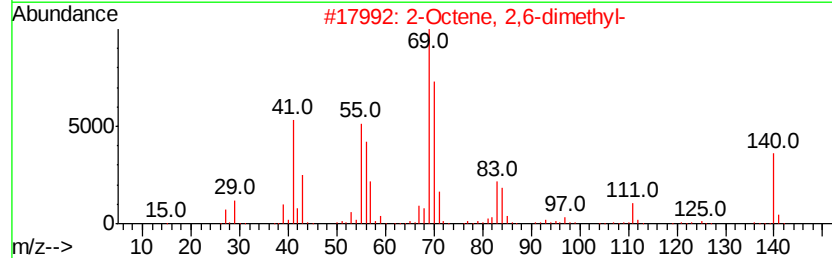
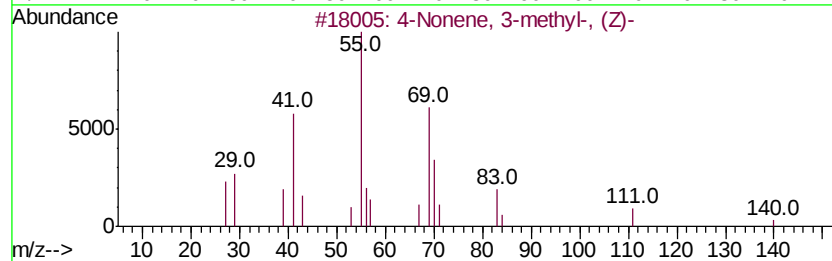
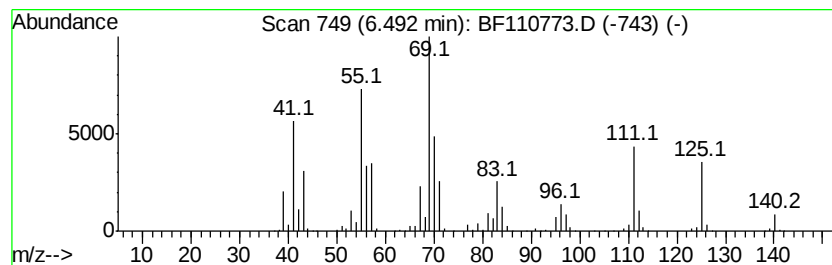
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4-Nonene, 3-methyl-, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.49	25.29 ng	6264800	1,4-Dichlorobenzene-d4	6.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	74
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	47
4	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	46
5	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	43



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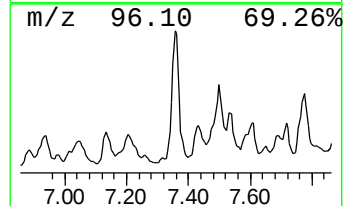
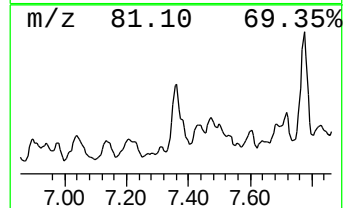
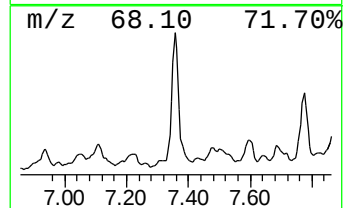
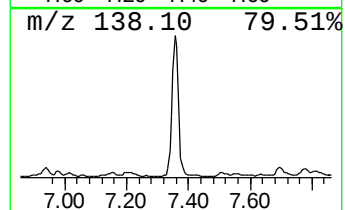
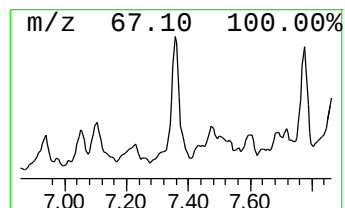
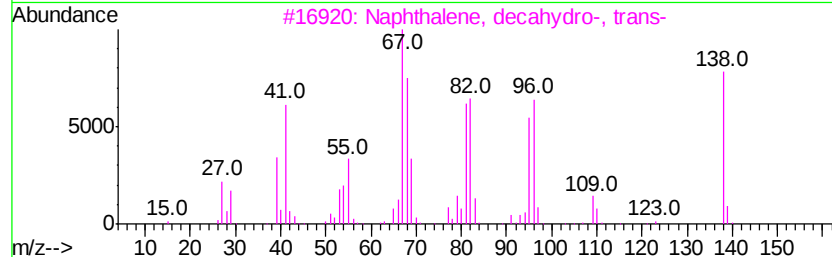
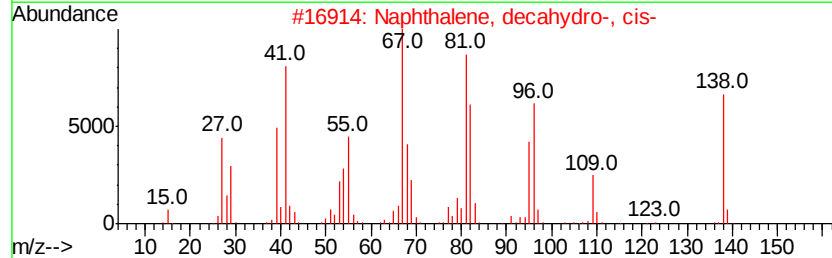
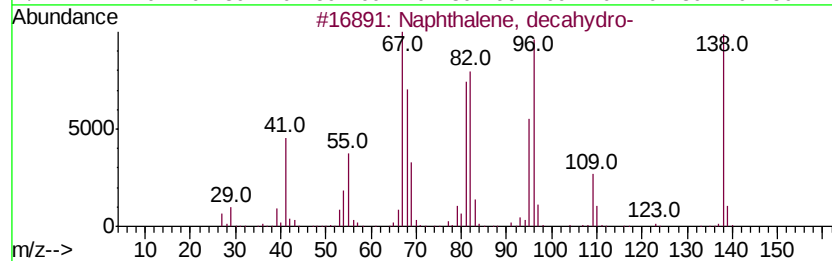
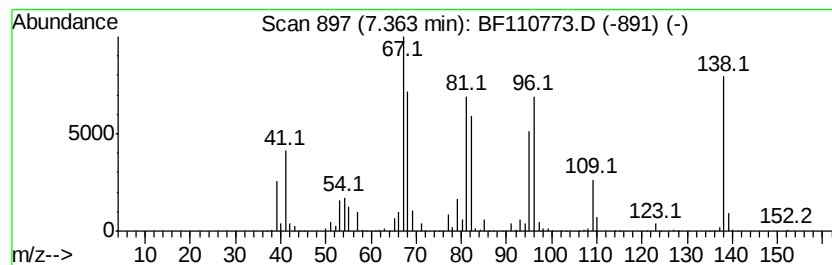
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, decahydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	27.70 ng	6862410	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	95
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
4		Spiro[4.5]decane	138	C10H18	000176-63-6	93
5		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	83



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Data File : BF110773.D
Acq On : 14 Nov 2018 19:17
Operator : JU/SJ
Sample : J5911-05 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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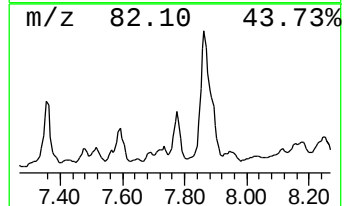
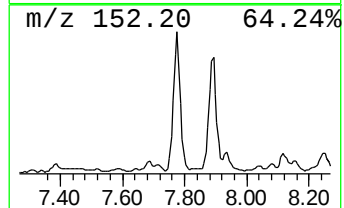
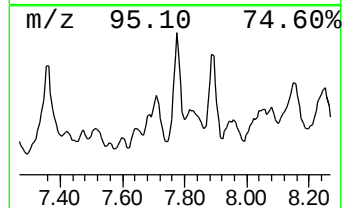
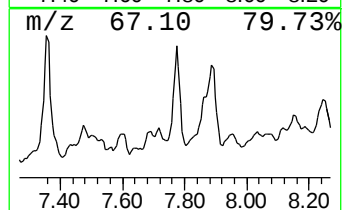
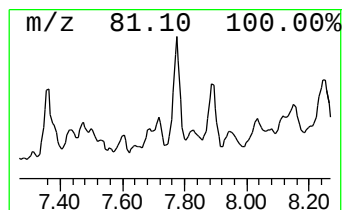
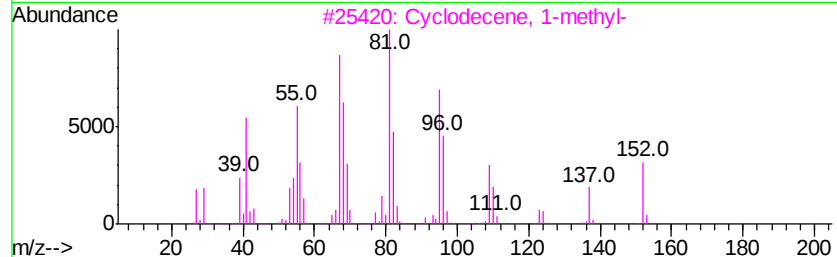
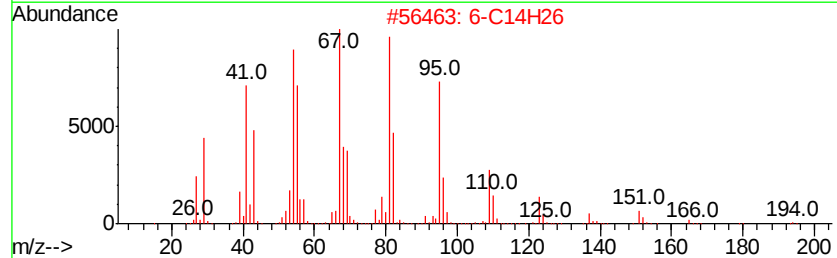
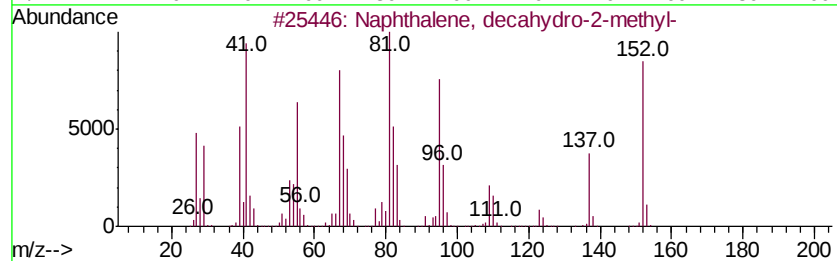
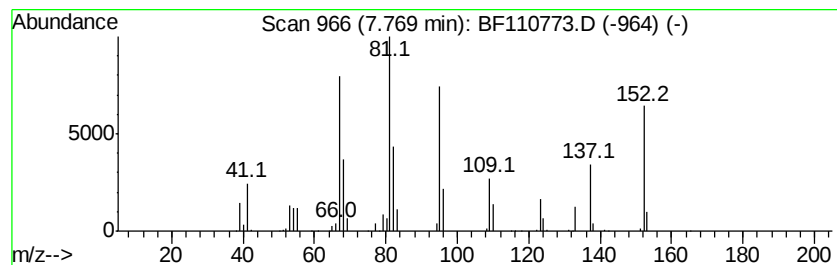
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	25.12 ng	4122180	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		6-C14H26	194	C14H26	003730-08-3	80
3		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	72
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
5		Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	64



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ALS Vial : 14 Sample Multiplier: 1

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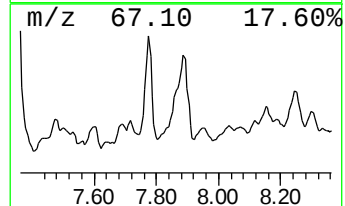
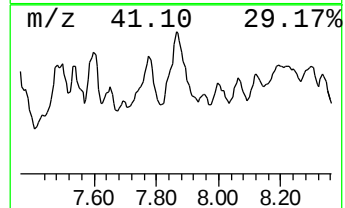
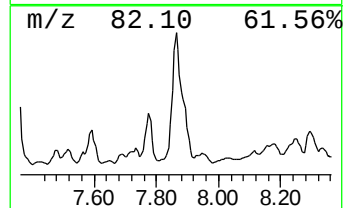
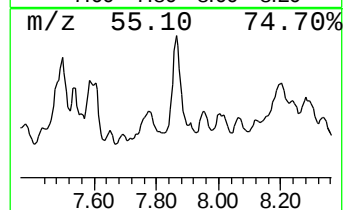
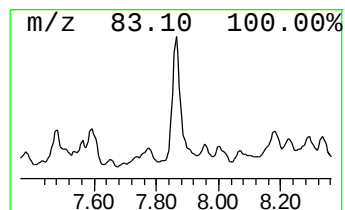
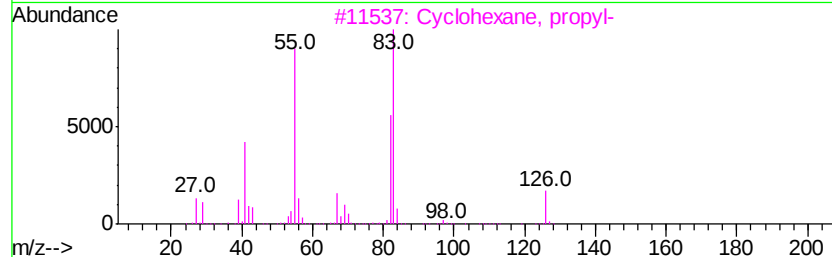
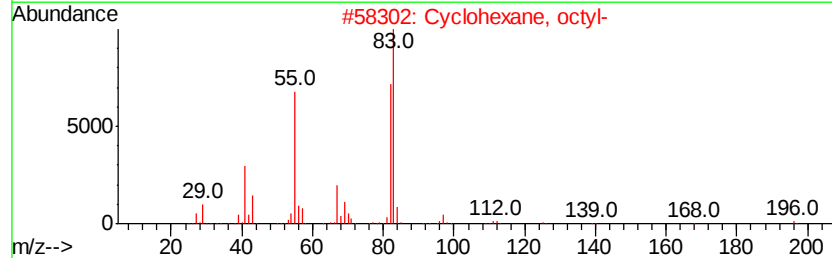
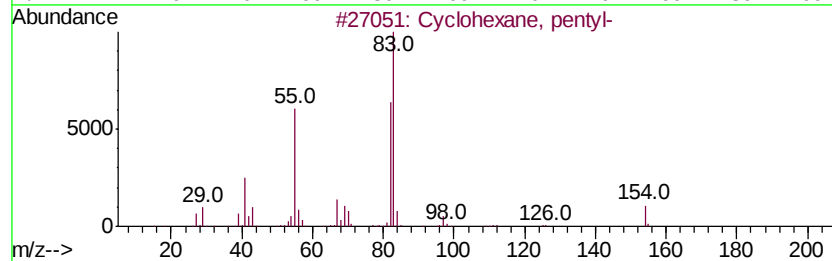
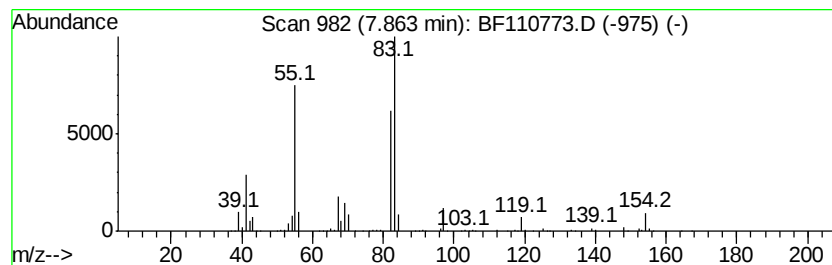
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, pentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	38.26 ng	6278090	Naphthalene-d8	8.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, pentyl-	154	C11H22	004292-92-6	91
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	86
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	83
4		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	78
5		Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	78



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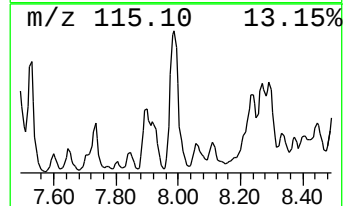
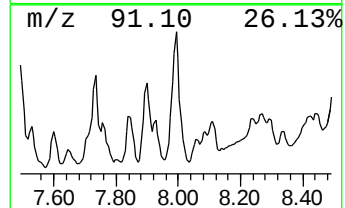
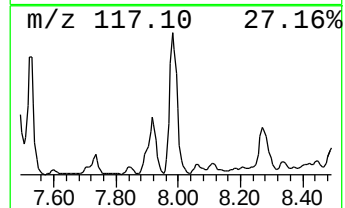
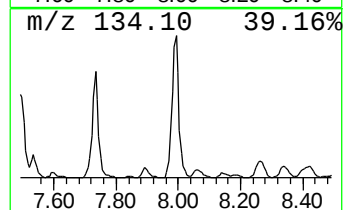
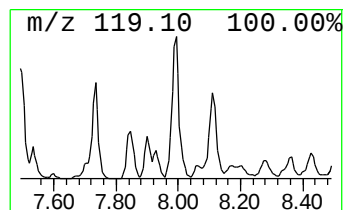
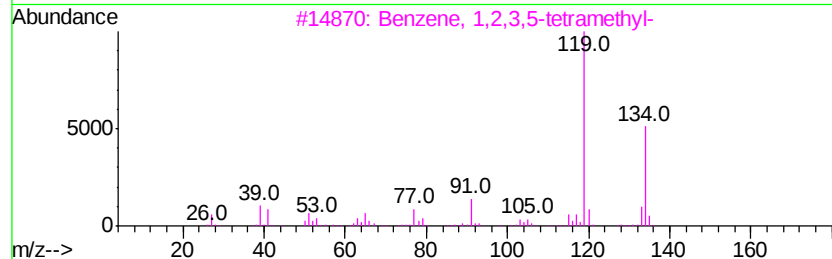
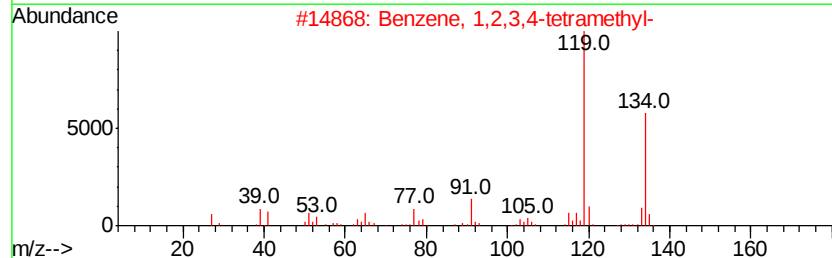
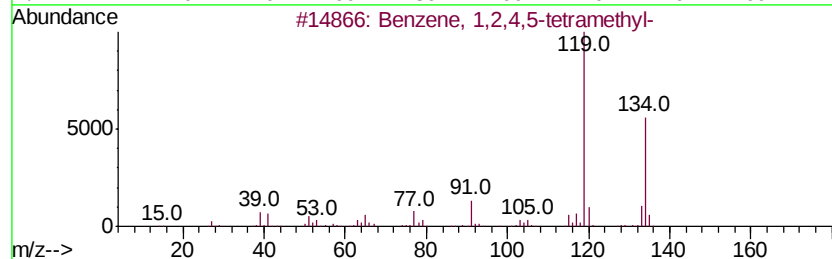
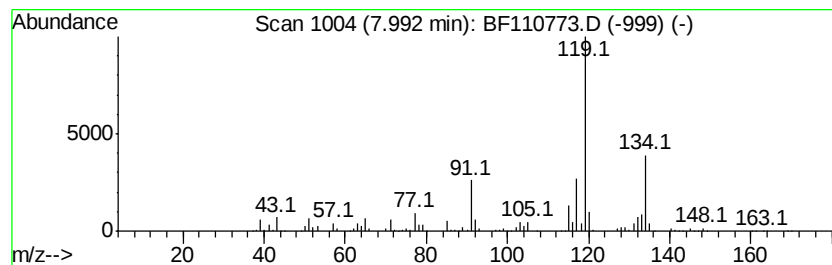
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	36.76 ng	6032100	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4		o-Cymene	134	C10H14	000527-84-4	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



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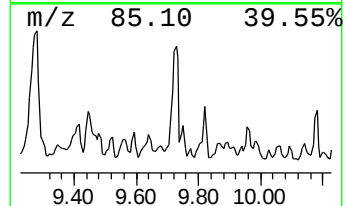
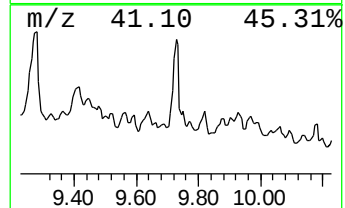
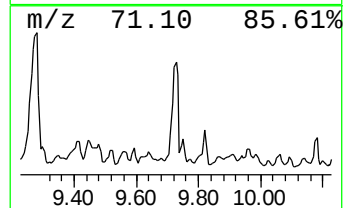
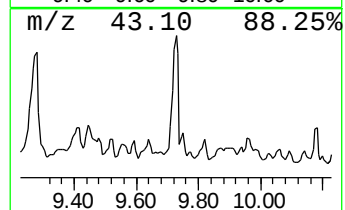
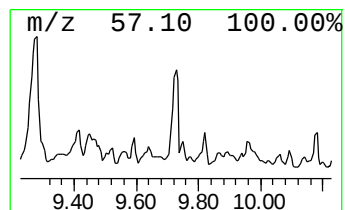
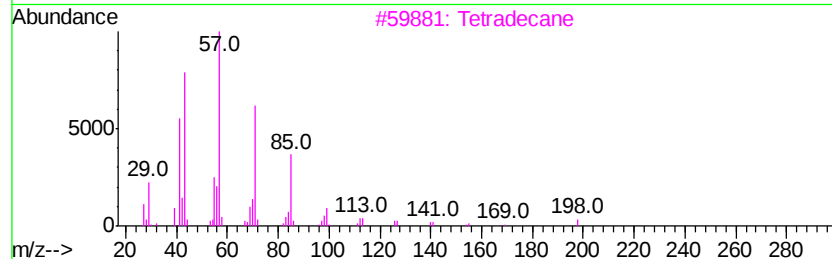
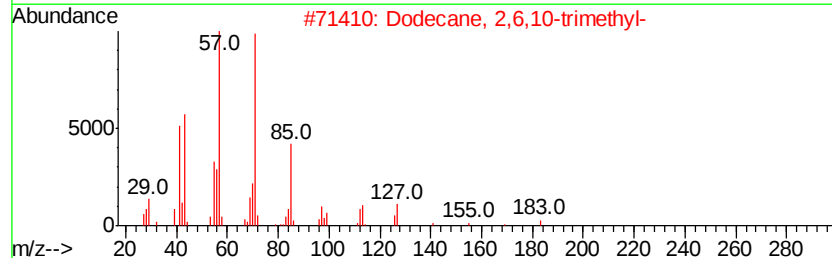
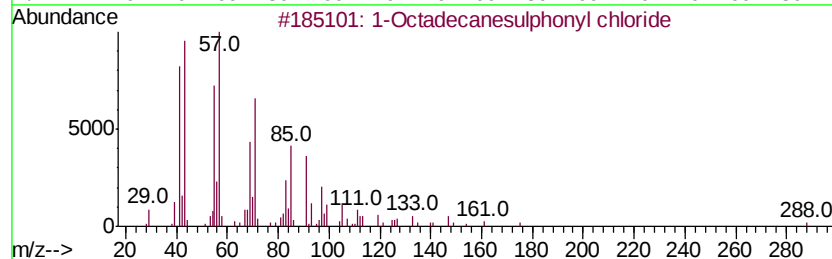
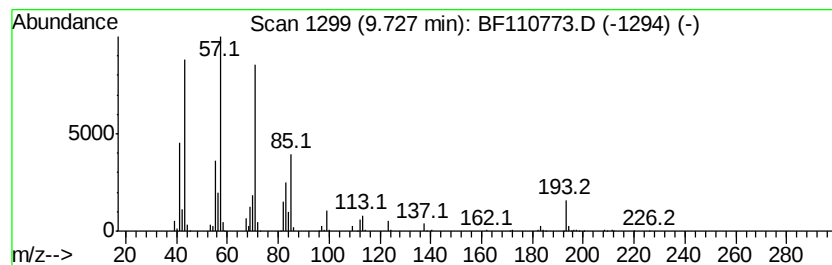
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Octadecanesulphonyl chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	108.66 ng	5924710	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	78
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Tetradecane	198	C14H30	000629-59-4	72
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5		Decane, 5-propyl-	184	C13H28	017312-62-8	64



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Sample : J5911-05 10X
Misc :
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ClientSampleId :
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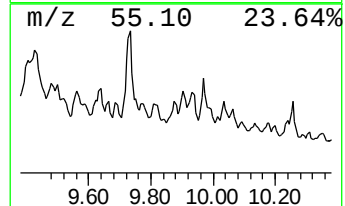
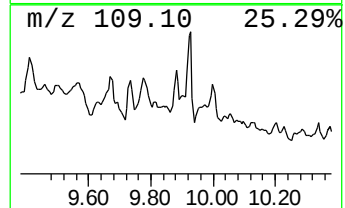
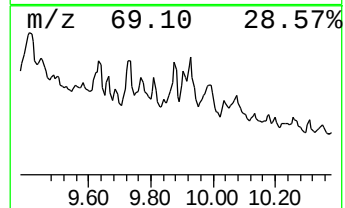
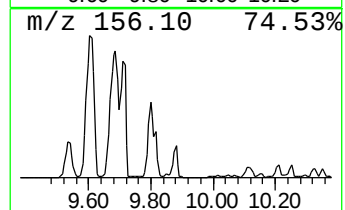
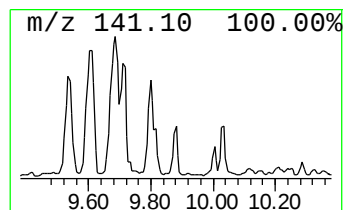
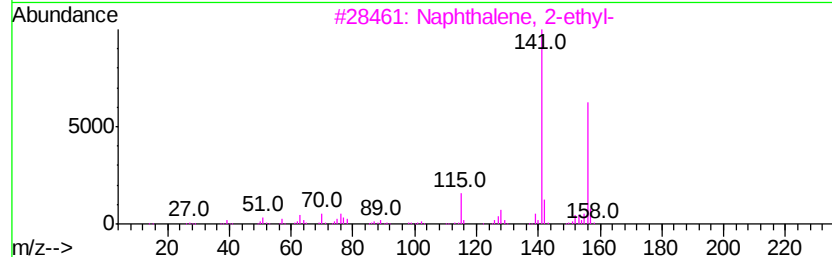
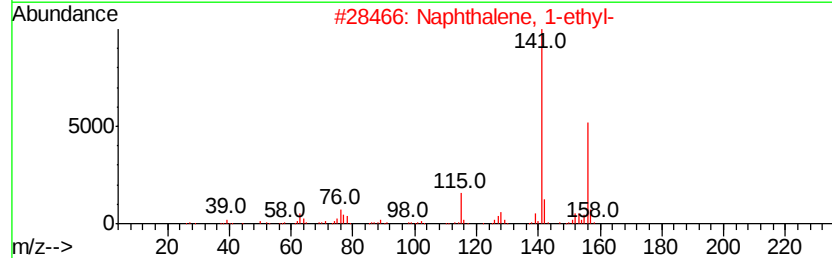
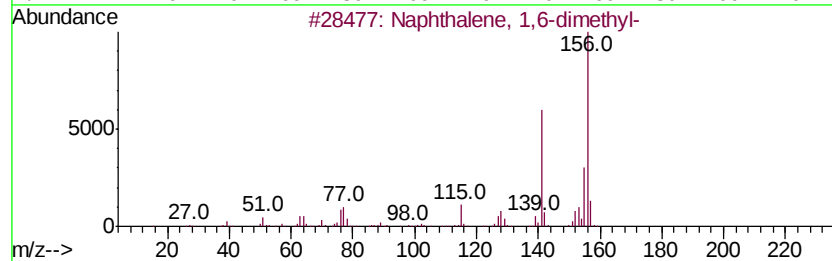
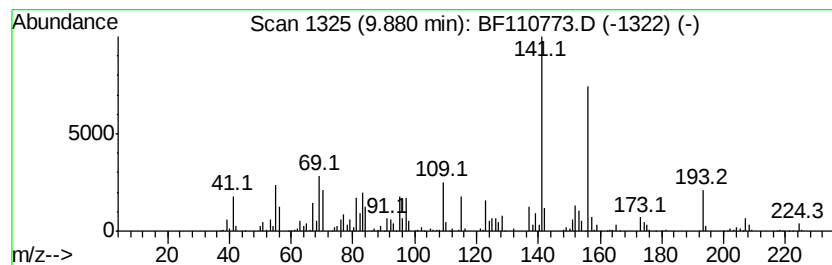
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	22.95 ng	1251060	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	76
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	70
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	68
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	68



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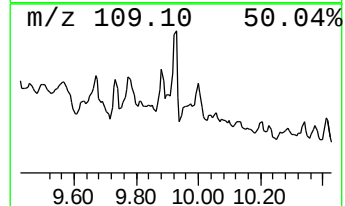
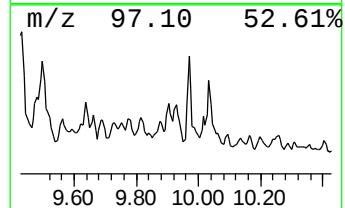
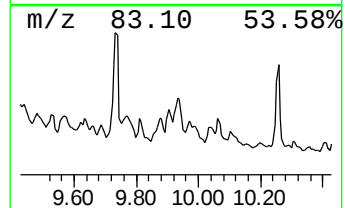
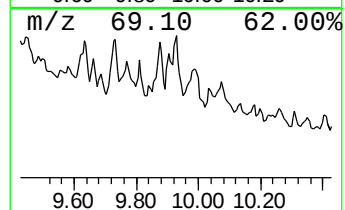
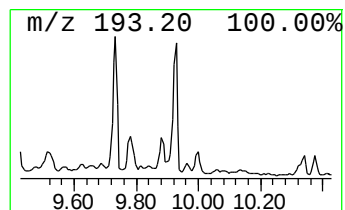
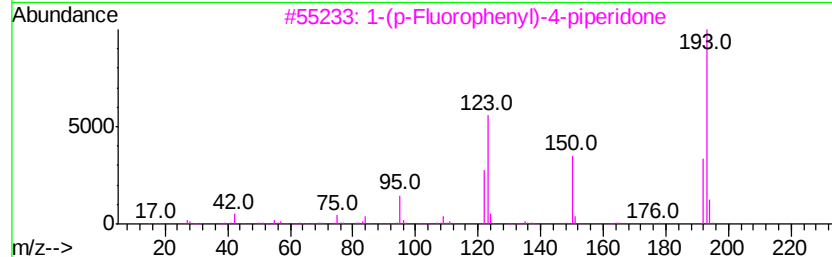
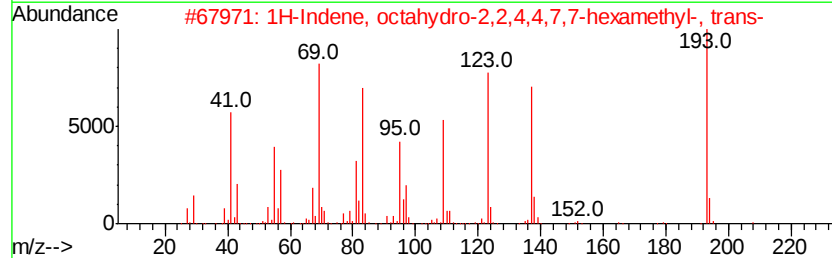
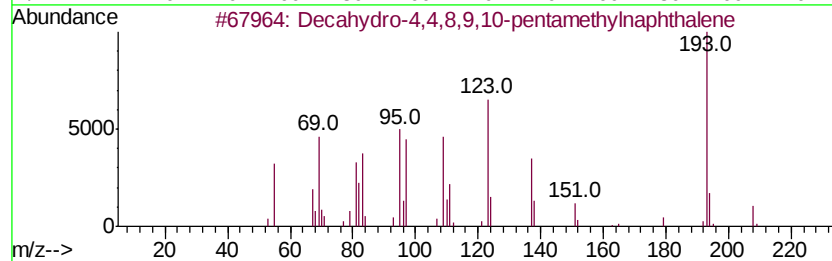
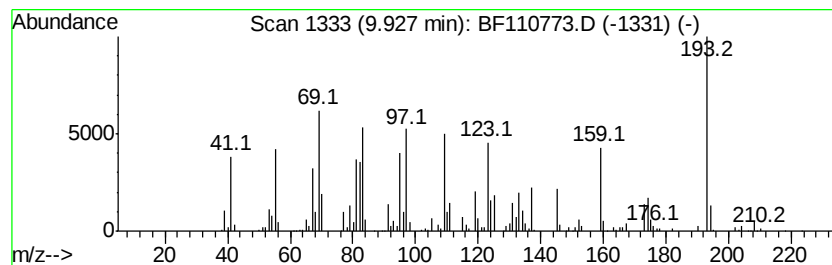
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown9.93 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	25.10 ng	1368390	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	41
2		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
3		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	27
4		1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	25
5		2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	18



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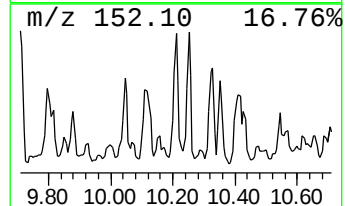
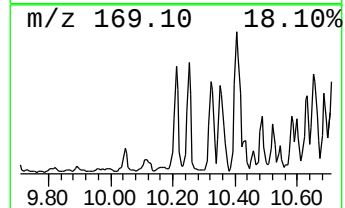
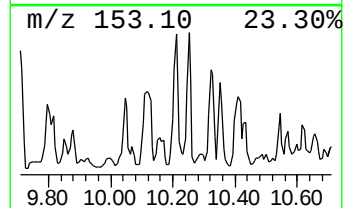
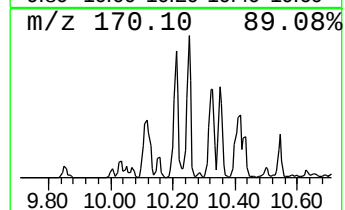
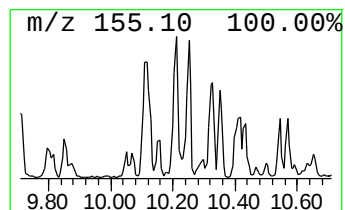
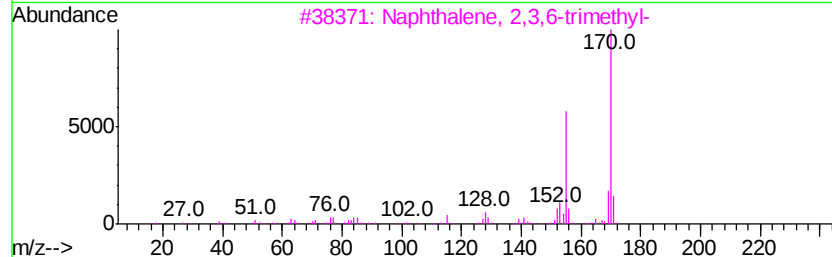
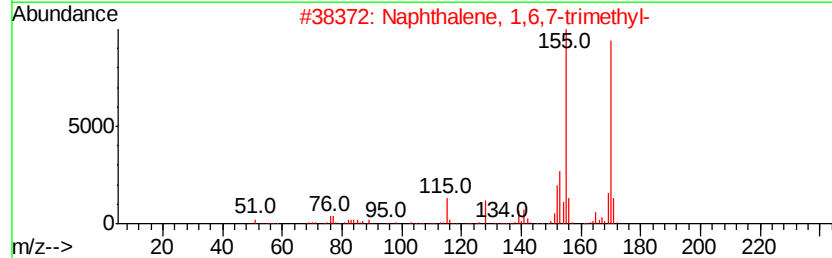
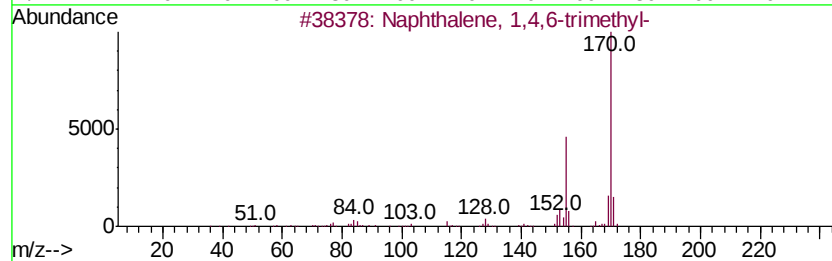
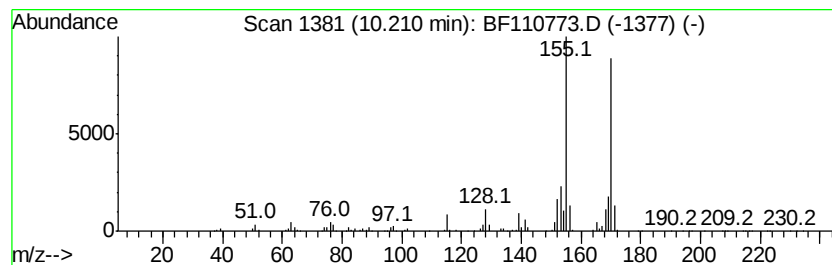
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	35.00 ng	1908400	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110773.D
Acq On : 14 Nov 2018 19:17
Operator : JU/SJ
Sample : J5911-05 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

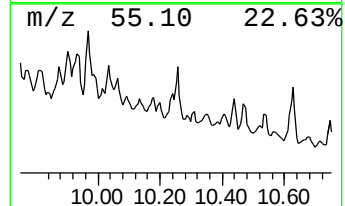
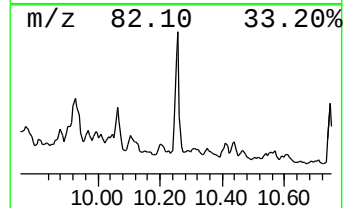
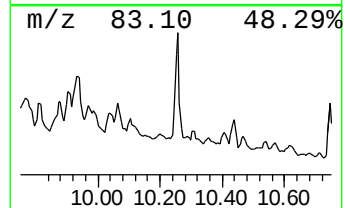
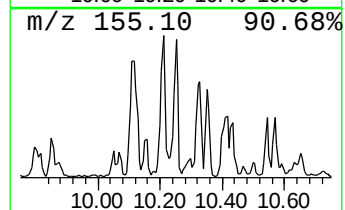
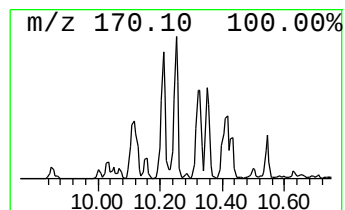
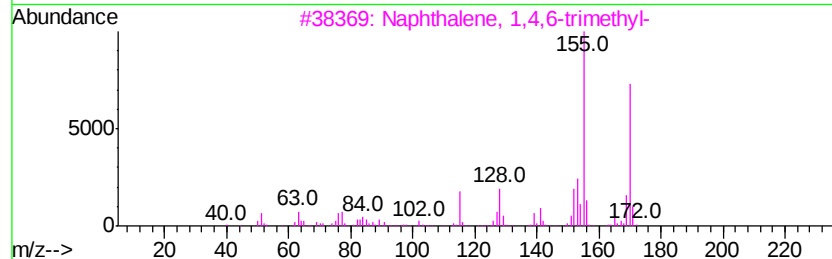
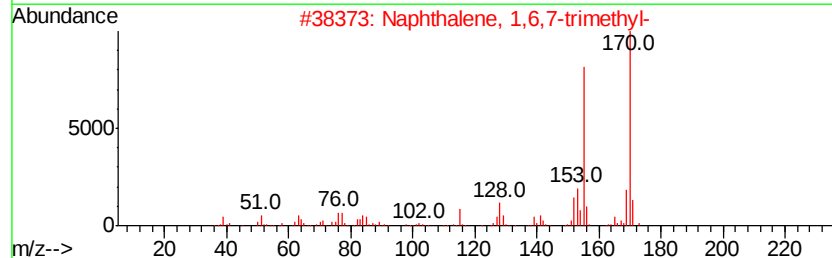
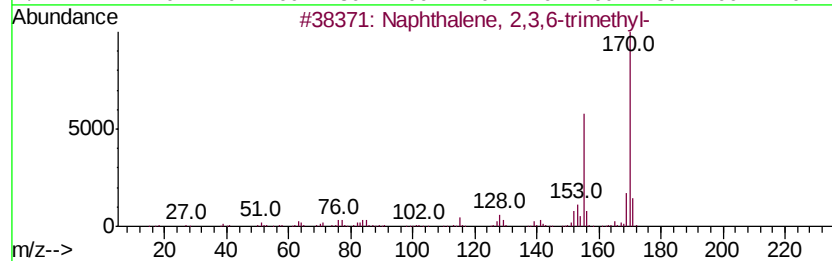
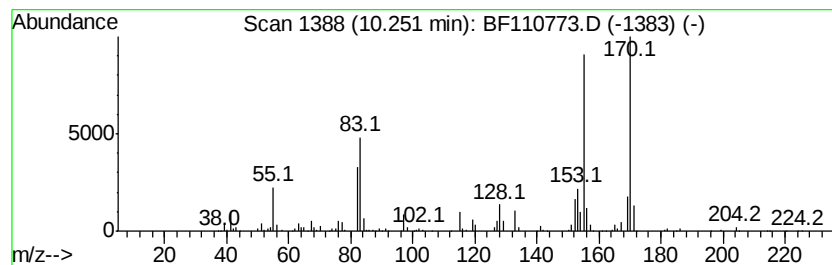
Instrument :
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ClientSampleId :
FDSB-07(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.25	68.21 ng	3719070	Acenaphthene-d10		10.02		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110773.D
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Sample : J5911-05 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

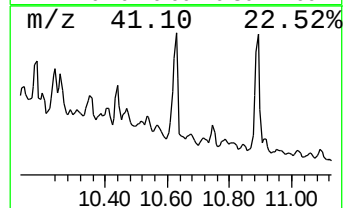
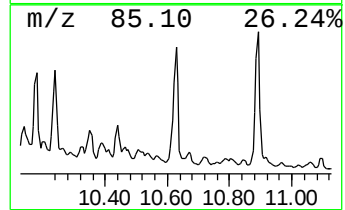
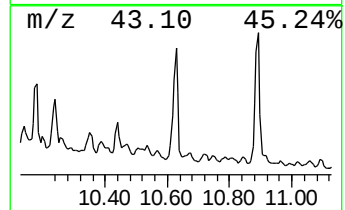
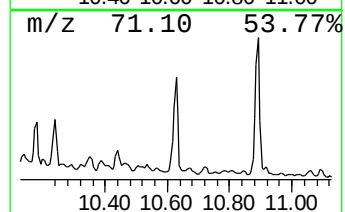
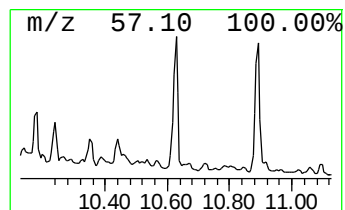
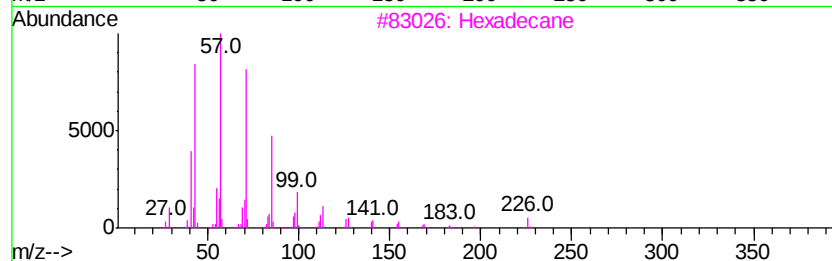
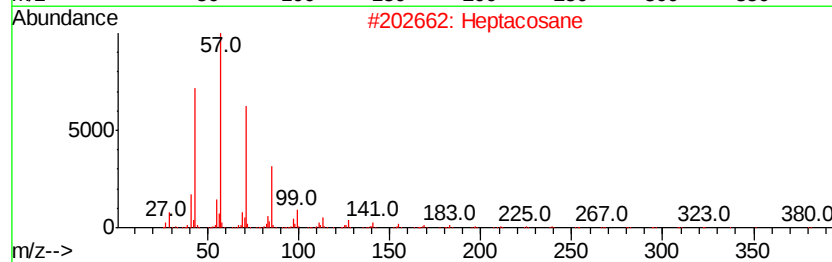
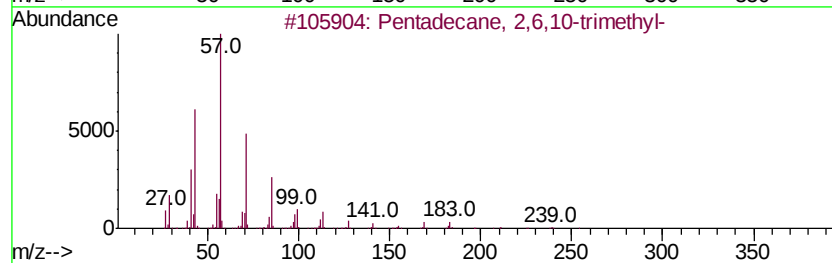
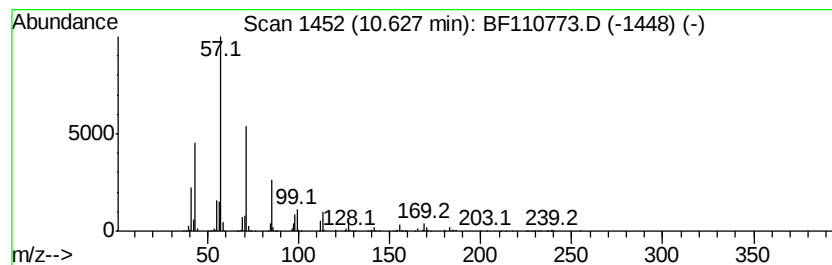
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ClientSampleId :
FDSB-07(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.63	56.85 ng	3099640	Acenaphthene-d10		10.02		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			Hexadecane	226	C16H34	000544-76-3	83
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110773.D
Acq On : 14 Nov 2018 19:17
Operator : JU/SJ
Sample : J5911-05 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

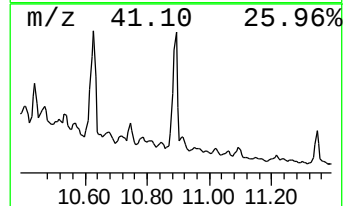
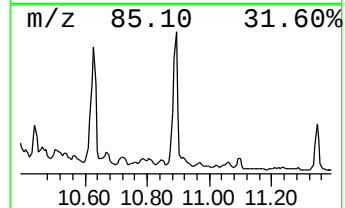
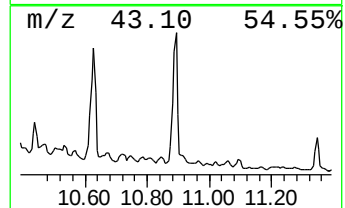
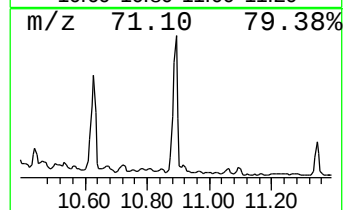
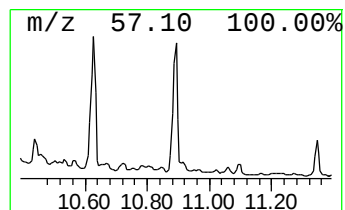
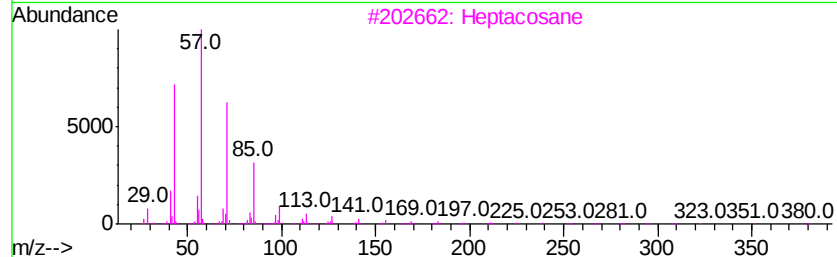
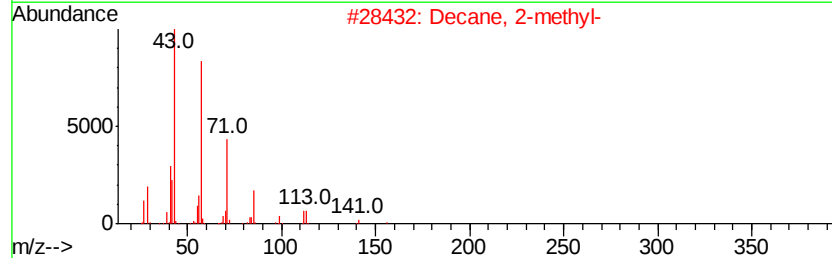
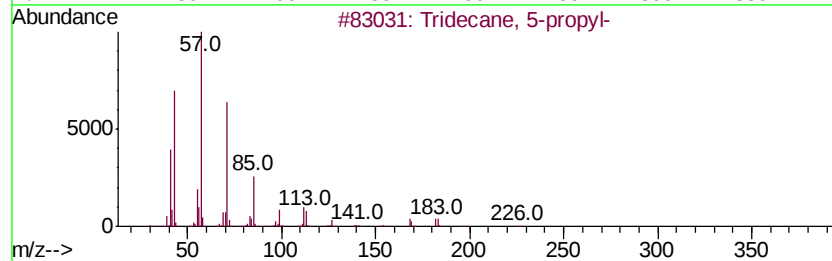
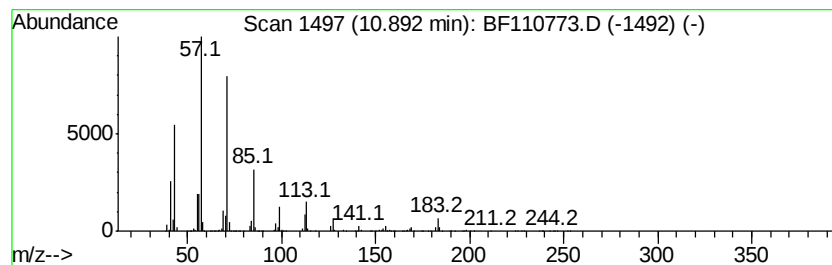
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.89	172.58 ng	4557360	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Decane, 2-methyl-	156	C11H24	006975-98-0	80
3	Heptacosane	380	C27H56	000593-49-7	78
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110773.D
Acq On : 14 Nov 2018 19:17
Operator : JU/SJ
Sample : J5911-05 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FDSB-07(10-12)

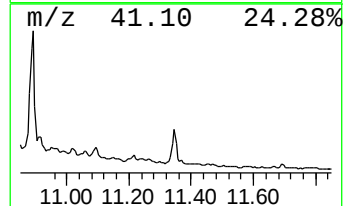
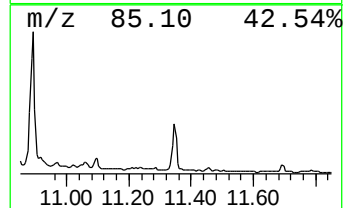
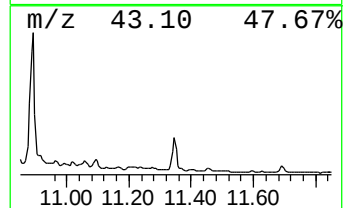
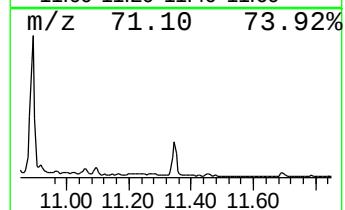
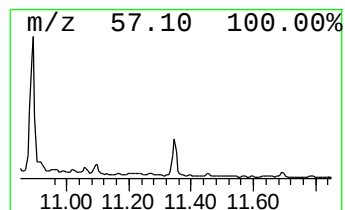
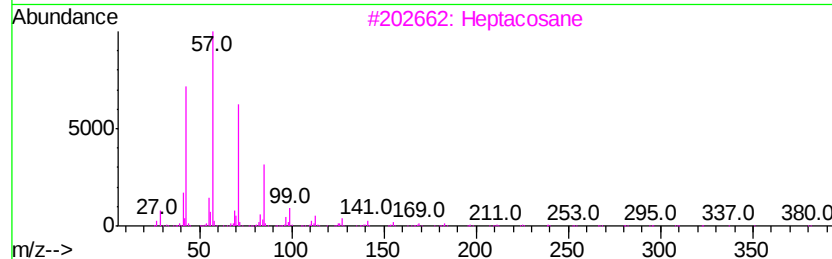
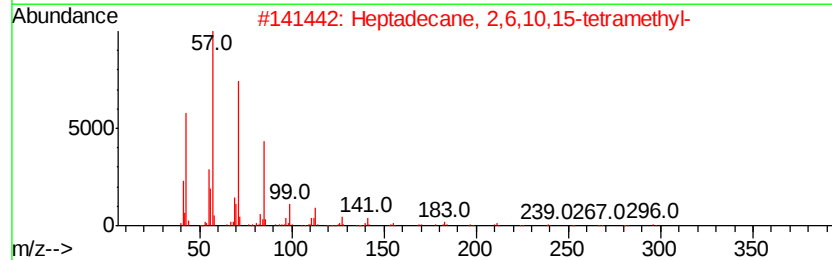
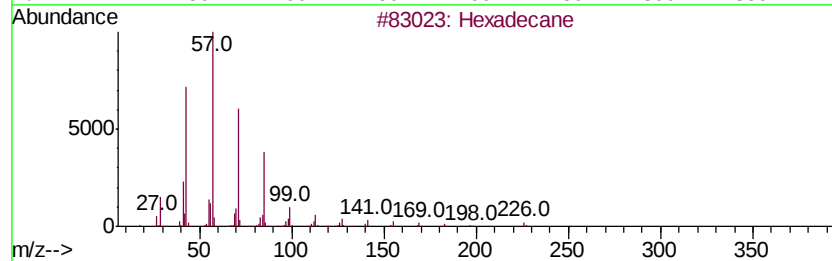
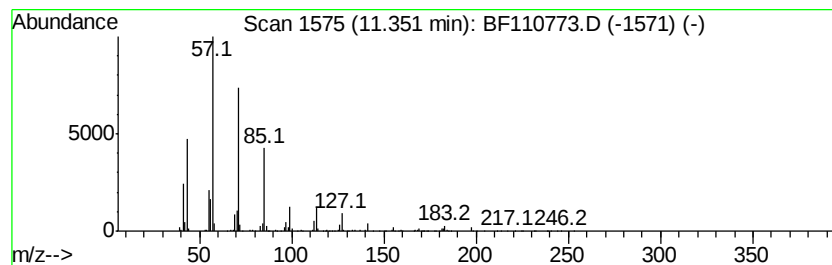
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	29.63 ng	782411	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110773.D
 Acq On : 14 Nov 2018 19:17
 Operator : JU/SJ
 Sample : J5911-05 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-07(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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
Nonane, 3-methyl-	6.19	31.6	ng	7831920	1	6.95	4955030	20.0
4-Nonene, 3-methy...	6.49	25.3	ng	6264800	1	6.95	4955030	20.0
Naphthalene, deca...	7.36	27.7	ng	6862410	1	6.95	4955030	20.0
Naphthalene, deca...	7.77	25.1	ng	4122180	2	8.25	3281870	20.0
Cyclohexane, pentyl-	7.86	38.3	ng	6278090	2	8.25	3281870	20.0
Benzene, 1,2,4,5-...	7.99	36.8	ng	6032100	2	8.25	3281870	20.0
1-Octadecanesulph...	9.73	108.7	ng	5924710	3	10.02	1090480	20.0
Naphthalene, 2,3-...	9.80	61.6	ng	3357700	3	10.02	1090480	20.0
Naphthalene, 1,6-...	9.88	22.9	ng	1251060	3	10.02	1090480	20.0
unknown9.93	9.93	25.1	ng	1368390	3	10.02	1090480	20.0
Naphthalene, 1,4,...	10.21	35.0	ng	1908400	3	10.02	1090480	20.0
Naphthalene, 2,3,...	10.25	68.2	ng	3719070	3	10.02	1090480	20.0
Pentadecane, 2,6,...	10.63	56.9	ng	3099640	3	10.02	1090480	20.0
Tridecane, 5-propyl-	10.89	172.6	ng	4557360	4	11.49	528146	20.0
Hexadecane	11.35	29.6	ng	782411	4	11.49	528146	20.0