

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080620\
 Data File : BF121206.D
 Acq On : 6 Aug 2020 17:12
 Operator : JU/CG
 Sample : L3568-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8/5-F-J

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-BF071620.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	5.404	560	564	575	rBV	1798331	1711780	65.00%	5.648%
2	6.428	734	738	747	rBV	1741497	1745997	66.30%	5.761%
3	6.628	768	772	774	rBV4	34667	46931	1.78%	0.155%
4	6.792	796	800	806	rVB	819251	728997	27.68%	2.405%
5	6.939	822	825	828	rBV	41972	43100	1.64%	0.142%
6	7.186	863	867	869	rBV2	67647	57653	2.19%	0.190%
7	7.328	884	891	892	rBV2	83628	101382	3.85%	0.335%
8	7.351	892	895	900	rVB	1197556	1140122	43.29%	3.762%
9	7.434	905	909	913	rVB4	62486	96556	3.67%	0.319%
10	7.492	913	919	923	rBV4	30806	77399	2.94%	0.255%
11	7.569	929	932	935	rVV2	50106	51382	1.95%	0.170%
12	7.598	935	937	940	rVB	98516	72840	2.77%	0.240%
13	7.675	946	950	952	rBV2	39708	54905	2.08%	0.181%
14	7.716	954	957	961	rVB5	91086	100511	3.82%	0.332%
15	7.810	971	973	976	rBV2	65776	67235	2.55%	0.222%
16	7.892	984	987	993	rBV5	49054	59822	2.27%	0.197%
17	7.945	993	996	999	rBV2	55265	64154	2.44%	0.212%
18	8.016	1005	1008	1012	rBV4	40835	74183	2.82%	0.245%
19	8.075	1012	1018	1021	rVV	1084969	1070396	40.64%	3.532%
20	8.133	1024	1028	1031	rVV3	143606	206811	7.85%	0.682%
21	8.163	1031	1033	1036	rVB3	65980	53451	2.03%	0.176%
22	8.228	1041	1044	1046	rBV3	36792	39903	1.52%	0.132%
23	8.281	1050	1053	1055	rVB3	54954	54190	2.06%	0.179%
24	8.363	1063	1067	1071	rVB4	122543	152257	5.78%	0.502%
25	8.457	1080	1083	1086	rVB3	103222	103049	3.91%	0.340%
26	8.498	1086	1090	1095	rBV	281867	338744	12.86%	1.118%
27	8.539	1095	1097	1099	rVB2	104290	81958	3.11%	0.270%
28	8.581	1101	1104	1106	rBV3	72384	70558	2.68%	0.233%
29	8.616	1106	1110	1115	rBV6	48296	79293	3.01%	0.262%
30	8.669	1115	1119	1121	rBV4	79688	103623	3.93%	0.342%
31	8.763	1132	1135	1138	rVB5	105771	105761	4.02%	0.349%
32	8.792	1138	1140	1142	rVB3	59816	47553	1.81%	0.157%
33	8.822	1142	1145	1147	rBV3	56748	53639	2.04%	0.177%
34	8.851	1147	1150	1151	rBV3	44899	45111	1.71%	0.149%

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35	8.951	1165	1167	1169	rBV3	45086	48967	1.86%	0.162%
36	8.980	1170	1172	1176	rVV4	96491	105611	4.01%	0.348%
37	9.069	1184	1187	1189	rVB3	55934	54983	2.09%	0.181%
38	9.098	1189	1192	1196	rBV	362611	337708	12.82%	1.114%
39	9.151	1197	1201	1206	rVV	2509594	2206229	83.77%	7.280%
40	9.233	1211	1215	1219	rVV3	162097	242353	9.20%	0.800%
41	9.275	1219	1222	1224	rVV3	82285	110155	4.18%	0.363%
42	9.298	1224	1226	1229	rVV2	102905	111455	4.23%	0.368%
43	9.345	1232	1234	1239	rVV2	108098	140188	5.32%	0.463%
44	9.422	1242	1247	1251	rVV2	241025	344953	13.10%	1.138%
45	9.486	1255	1258	1261	rVV	360433	396042	15.04%	1.307%
46	9.516	1261	1263	1264	rVV2	125608	103073	3.91%	0.340%
47	9.551	1264	1269	1272	rVV3	592651	881451	33.47%	2.908%
48	9.604	1276	1278	1283	rVB	147264	164697	6.25%	0.543%
49	9.692	1290	1293	1297	rBV3	169072	182377	6.92%	0.602%
50	9.739	1298	1301	1304	rVB2	212192	164559	6.25%	0.543%
51	9.763	1304	1305	1310	rVB4	46731	45643	1.73%	0.151%
52	9.828	1310	1316	1319	rBV	1101368	1191392	45.24%	3.931%
53	9.875	1321	1324	1326	rVB3	119031	132898	5.05%	0.439%
54	9.939	1331	1335	1339	rVB	182004	225692	8.57%	0.745%
55	9.975	1339	1341	1345	rBV2	68241	103021	3.91%	0.340%
56	10.033	1347	1351	1355	rVV3	249897	274925	10.44%	0.907%
57	10.075	1355	1358	1367	rVB3	215985	402159	15.27%	1.327%
58	10.151	1367	1371	1373	rBV	232477	271196	10.30%	0.895%
59	10.175	1373	1375	1377	rVB	117018	91561	3.48%	0.302%
60	10.198	1377	1379	1382	rVB2	61131	51862	1.97%	0.171%
61	10.239	1382	1386	1387	rBV2	183405	202675	7.70%	0.669%
62	10.257	1387	1389	1392	rVB2	150376	136801	5.19%	0.451%
63	10.292	1392	1395	1397	rBV2	56319	51848	1.97%	0.171%
64	10.322	1397	1400	1404	rVB4	82176	108398	4.12%	0.358%
65	10.375	1405	1409	1411	rBV3	135190	160455	6.09%	0.529%
66	10.486	1423	1428	1432	rVB2	331783	382964	14.54%	1.264%
67	10.575	1440	1443	1444	rBV3	44400	41099	1.56%	0.136%
68	10.622	1445	1451	1455	rBV	1398906	1423755	54.06%	4.698%
69	10.745	1468	1472	1476	rBV2	582426	617660	23.45%	2.038%
70	10.816	1482	1484	1486	rBV	73662	65765	2.50%	0.217%
71	10.839	1486	1488	1493	rVB3	81701	86043	3.27%	0.284%

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72	10.880	1493	1495	1498	rBV4	44916	54299	2.06%	0.179%
73	10.922	1499	1502	1505	rVV4	84094	115408	4.38%	0.381%
74	10.957	1505	1508	1520	rVB5	199946	395507	15.02%	1.305%
75	11.039	1520	1522	1524	rBV2	50581	51665	1.96%	0.170%
76	11.074	1524	1528	1534	rVB6	108228	180613	6.86%	0.596%
77	11.122	1534	1536	1539	rBV3	51193	39432	1.50%	0.130%
78	11.216	1549	1552	1557	rVB	305636	347612	13.20%	1.147%
79	11.316	1566	1569	1572	rBV	1262229	1165968	44.27%	3.847%
80	11.339	1572	1573	1577	rVB	226744	150225	5.70%	0.496%
81	11.433	1585	1589	1591	rBV3	74215	86252	3.27%	0.285%
82	11.563	1606	1611	1616	rVV4	78189	122404	4.65%	0.404%
83	11.822	1652	1655	1657	rBV	81013	81048	3.08%	0.267%
84	11.845	1657	1659	1663	rVB	118532	120809	4.59%	0.399%
85	11.927	1671	1673	1676	rVB	80823	61624	2.34%	0.203%
86	12.263	1725	1730	1732	rVB2	42231	49675	1.89%	0.164%
87	12.292	1732	1735	1738	rBV2	119279	115933	4.40%	0.383%
88	12.369	1745	1748	1750	rBV	67675	59003	2.24%	0.195%
89	12.398	1750	1753	1754	rVV3	72572	77387	2.94%	0.255%
90	12.416	1754	1756	1760	rVV2	127228	117579	4.46%	0.388%
91	12.527	1773	1775	1780	rVB	229002	204414	7.76%	0.674%
92	12.757	1810	1814	1820	rVB	197729	230775	8.76%	0.761%
93	12.904	1834	1839	1842	rBV	2796915	2633672	100.00%	8.690%
94	13.510	1939	1942	1946	rBV	66698	69721	2.65%	0.230%
95	13.804	1988	1992	2002	rBV	373077	558915	21.22%	1.844%
96	13.957	2013	2018	2021	rBV	1281181	1250158	47.47%	4.125%
97	14.727	2146	2149	2152	rBV	49550	47308	1.80%	0.156%
98	14.986	2190	2193	2196	rBV	73627	104998	3.99%	0.346%
99	15.057	2202	2205	2215	rVB2	101601	183011	6.95%	0.604%
100	15.404	2259	2264	2273	rBV	744763	1067390	40.53%	3.522%

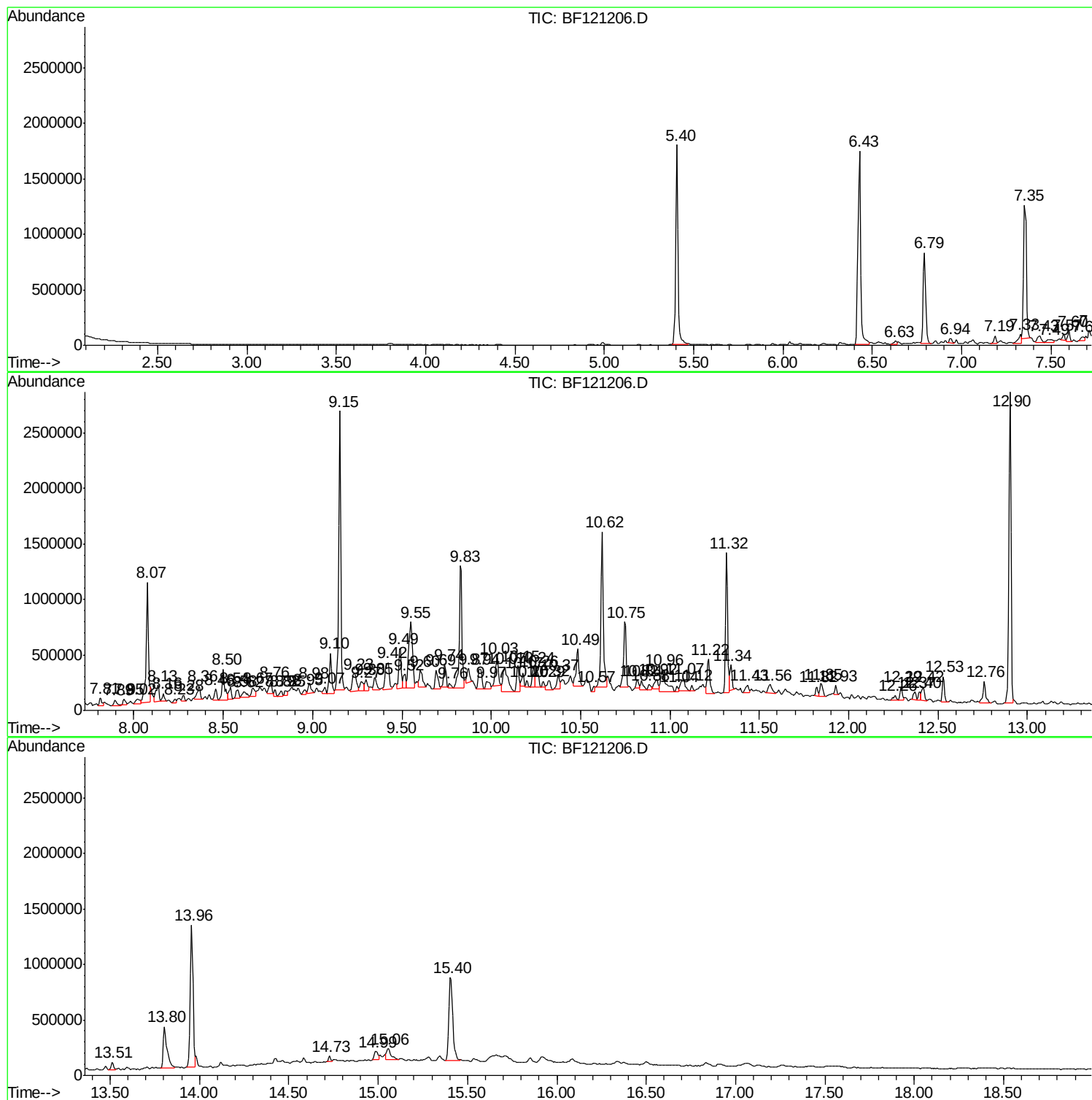
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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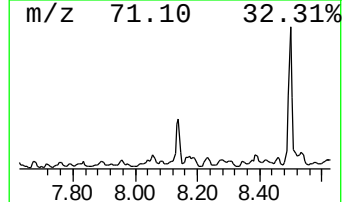
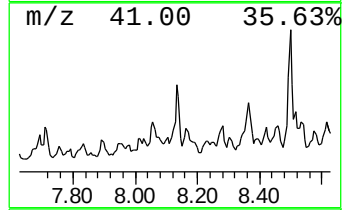
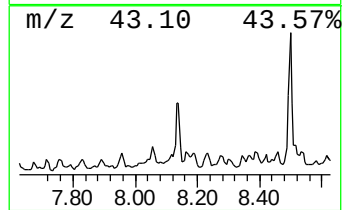
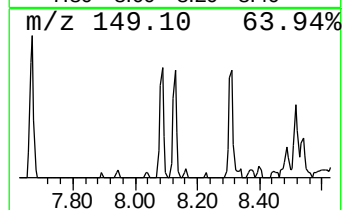
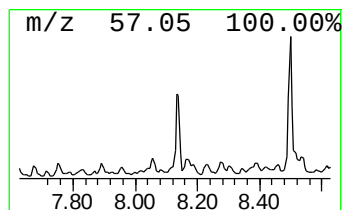
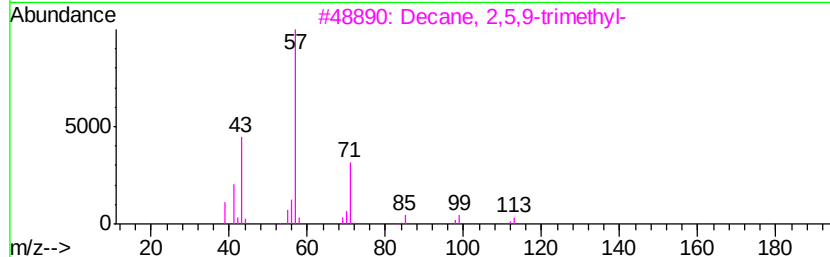
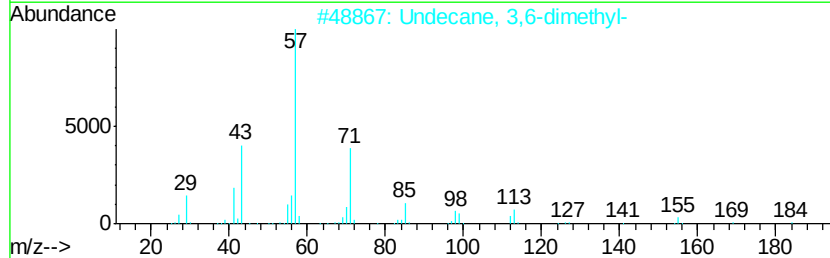
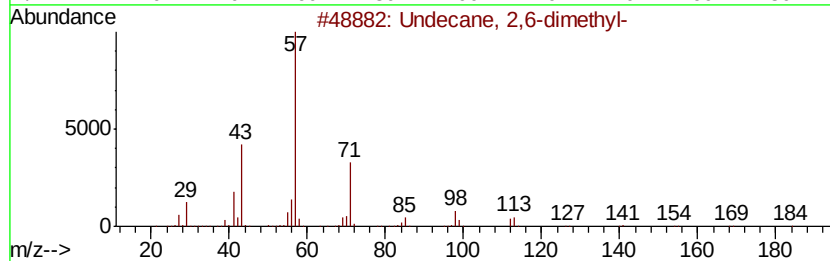
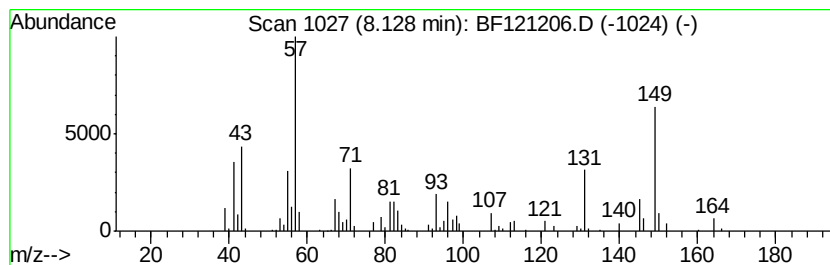
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	3.86 ng	206811	Napthalene-d8	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
5			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64



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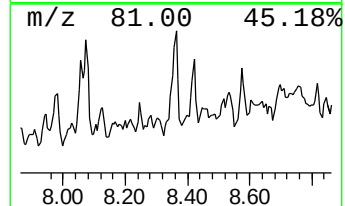
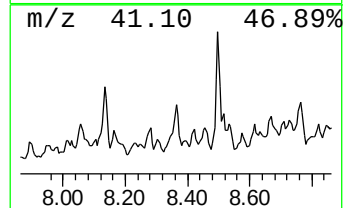
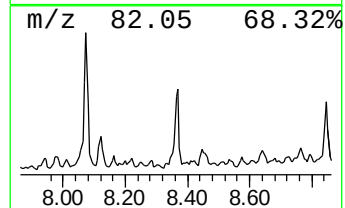
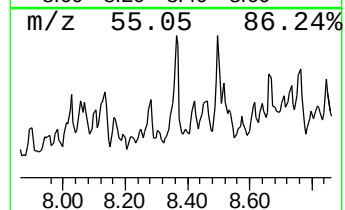
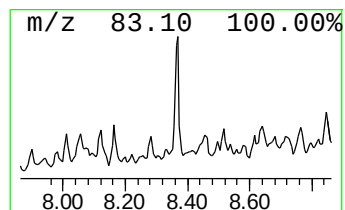
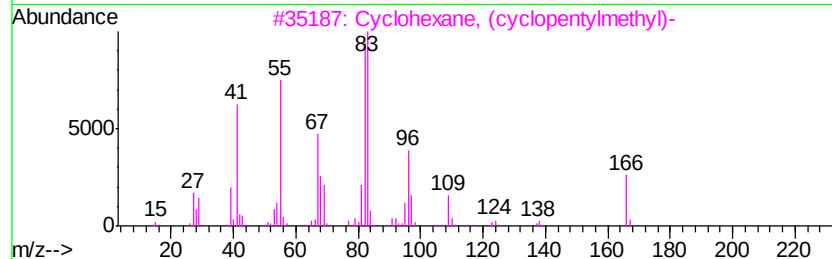
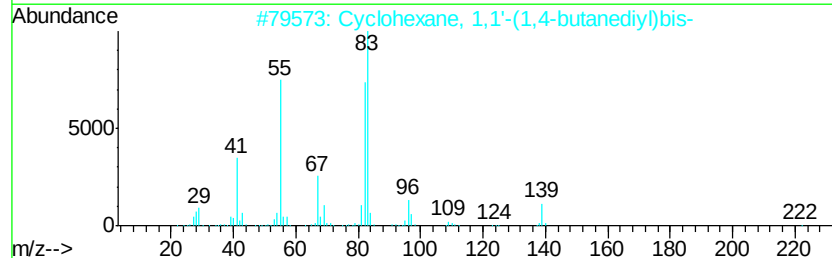
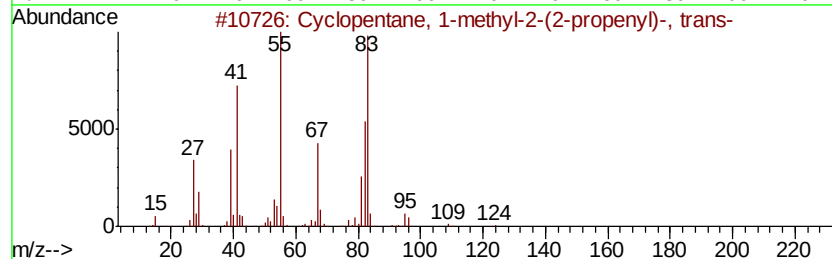
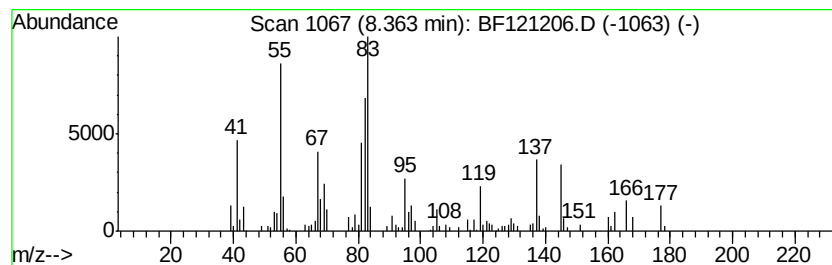
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown8.36 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	2.84 ng	152257	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	49
2		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	47
3		Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	43
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38



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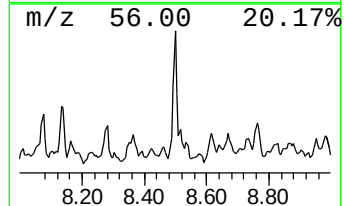
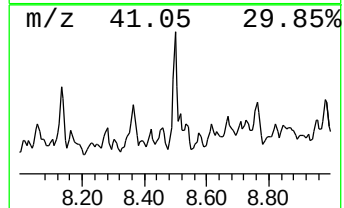
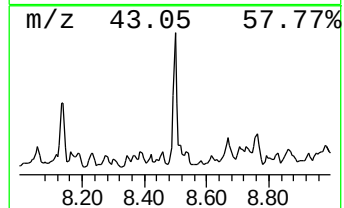
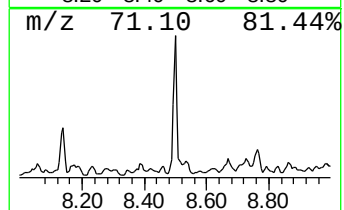
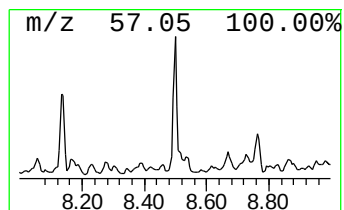
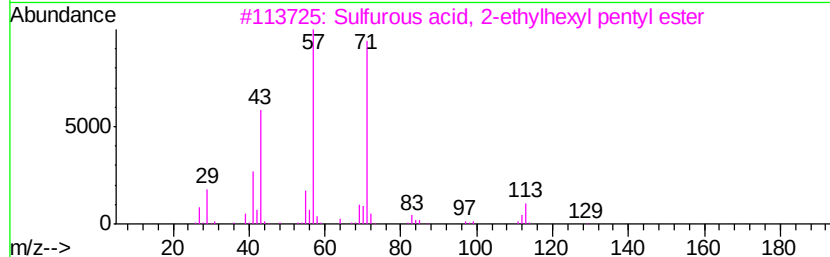
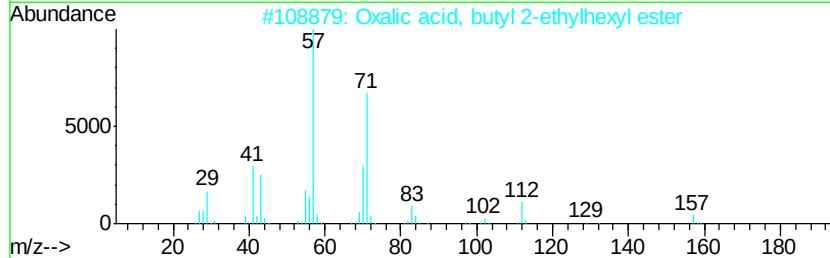
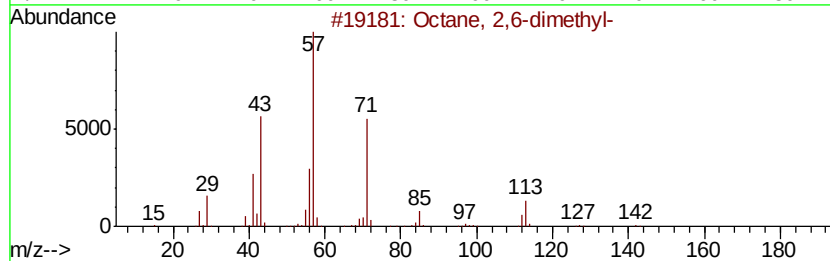
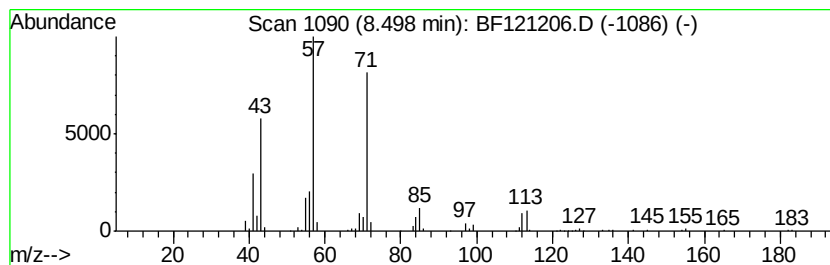
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	6.33 ng	338744	Napthalene-d8	8.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	64
2	Oxalic acid, butyl 2-ethylhexyl ...	258 C14H26O4	1000309-38-6	64
3	Sulfurous acid, 2-ethylhexyl pen...	264 C13H28O3S	1000309-18-9	64
4	Octane, 2,3,7-trimethyl-	156 C11H24	062016-34-6	64
5	Butane, 2,2-dimethyl-	86 C6H14	000075-83-2	59



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Acq On : 6 Aug 2020 17:12
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Sample : L3568-05
Misc :
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Instrument :
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ClientSampleId :
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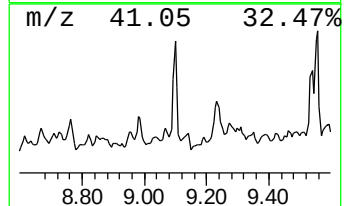
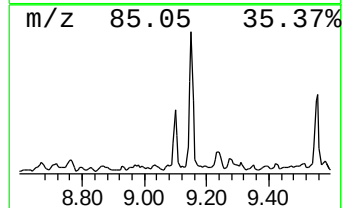
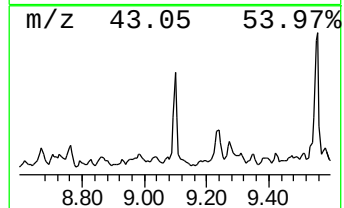
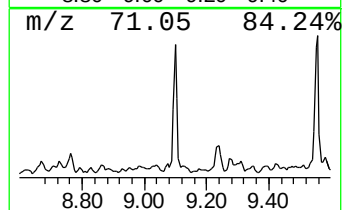
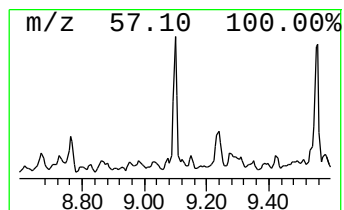
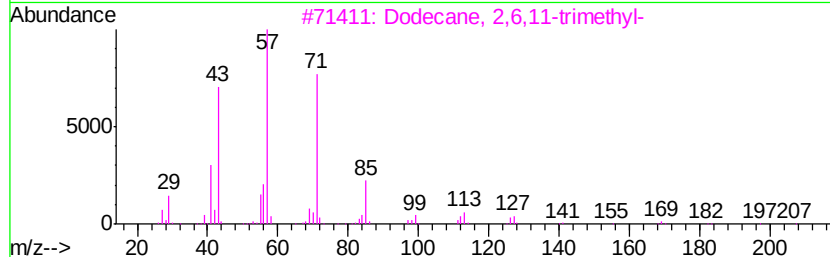
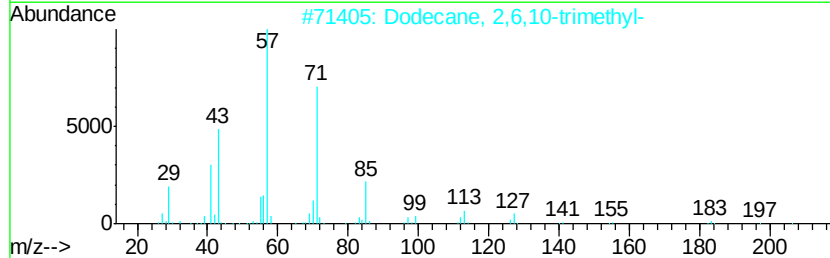
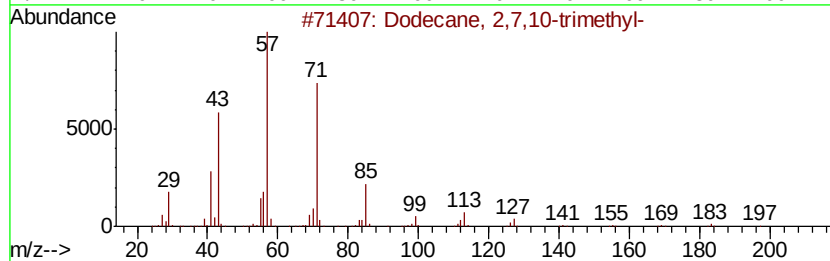
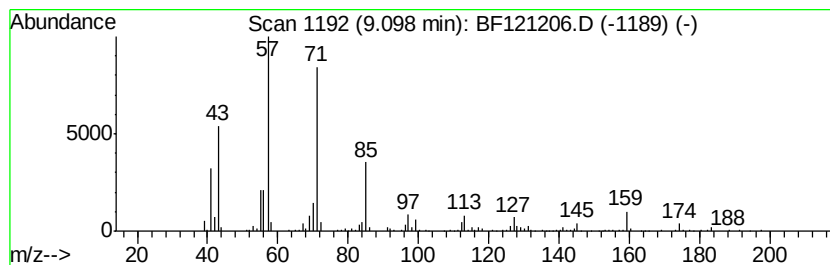
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	5.67 ng	337708	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	64



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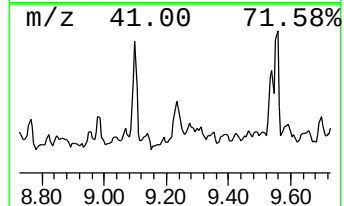
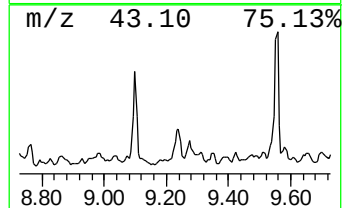
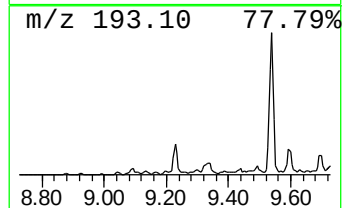
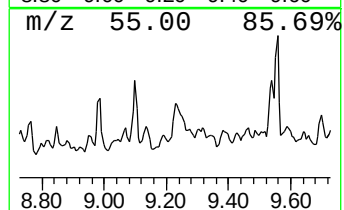
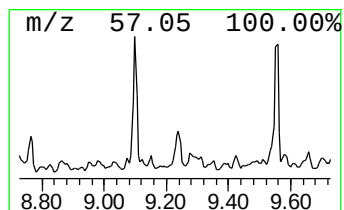
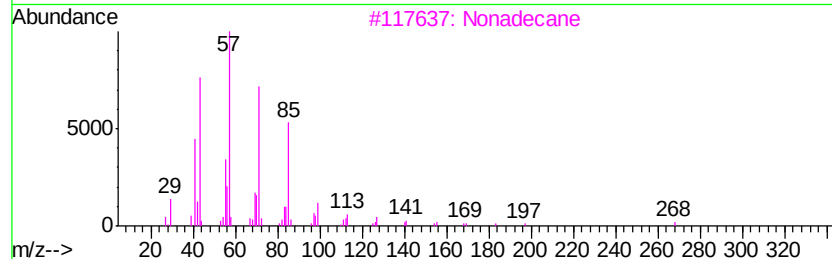
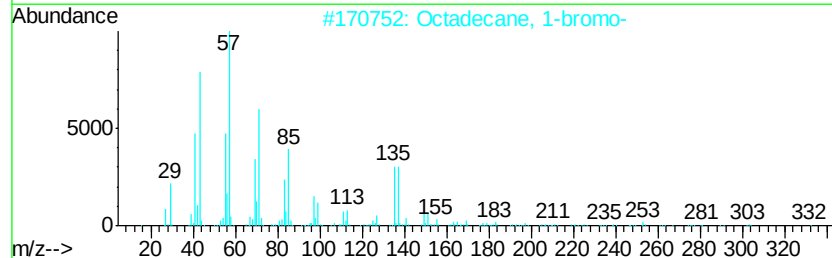
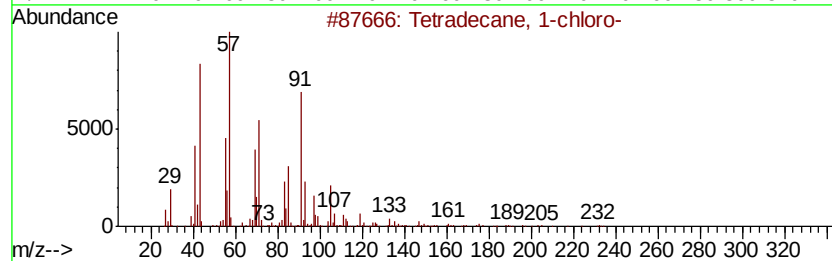
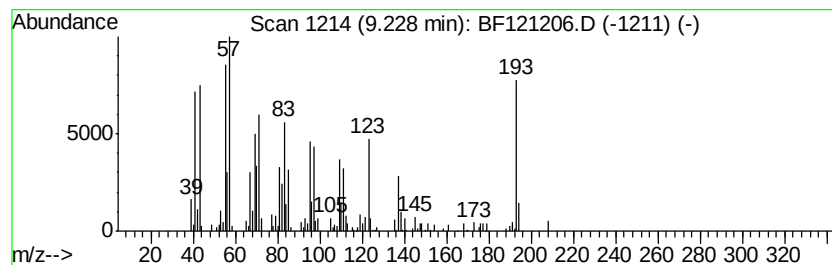
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.23 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.07 ng	242353	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	47
2		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	43
3		Nonadecane	268	C19H40	000629-92-5	38
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	35
5		Hexadecane	226	C16H34	000544-76-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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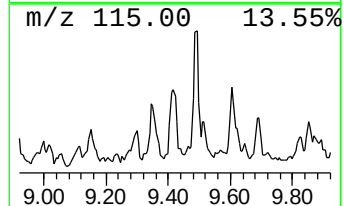
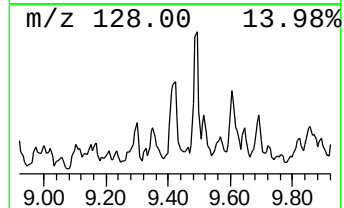
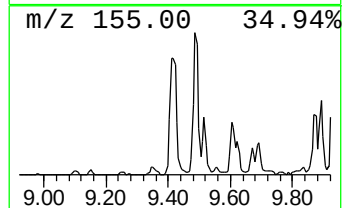
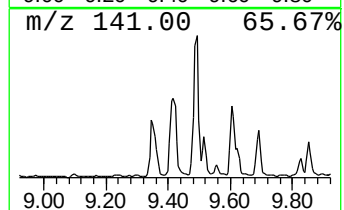
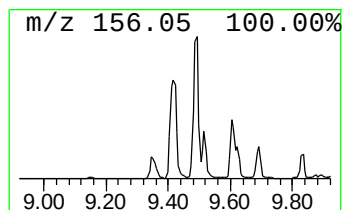
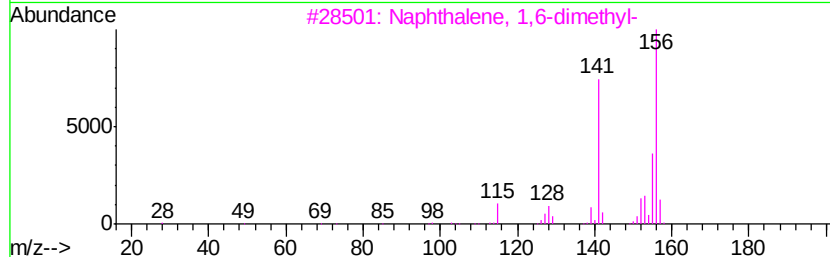
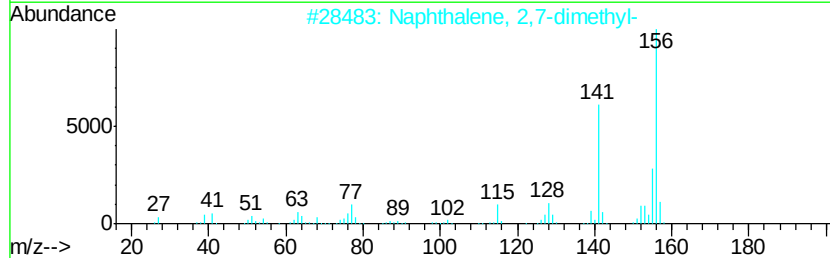
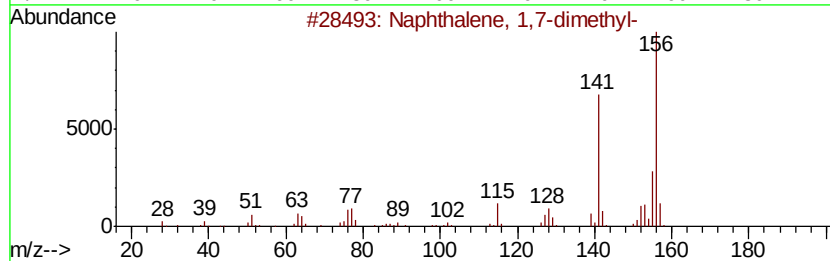
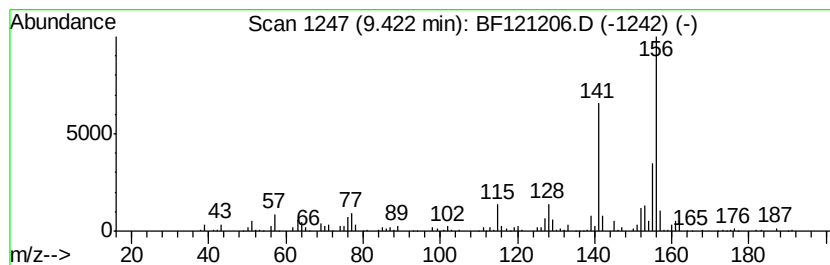
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	5.79 ng	344953	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121206.D
Acq On : 6 Aug 2020 17:12
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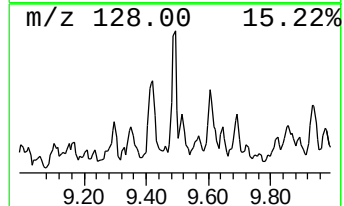
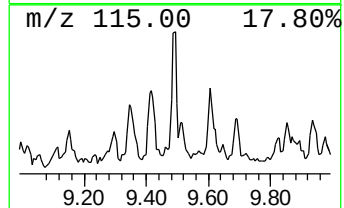
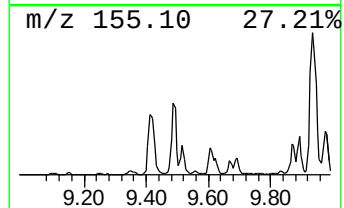
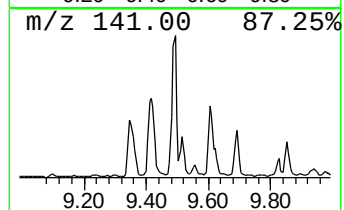
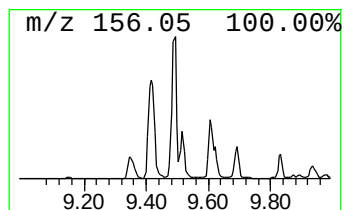
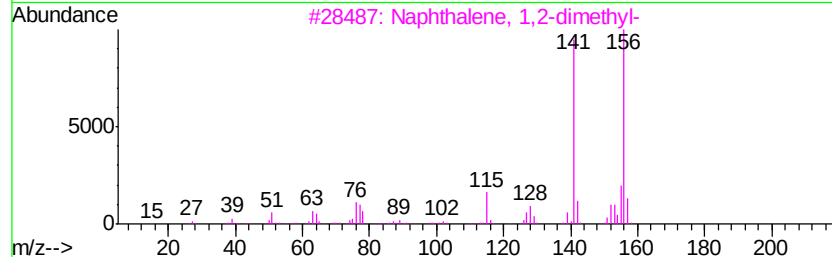
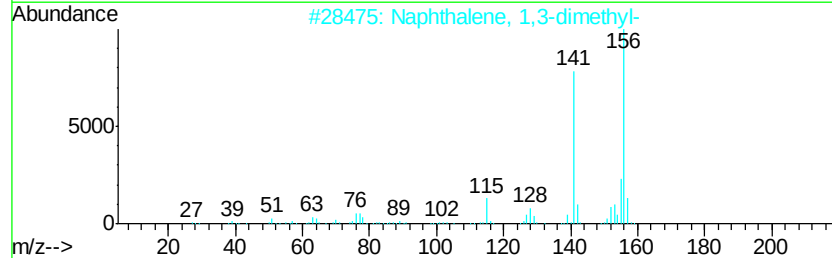
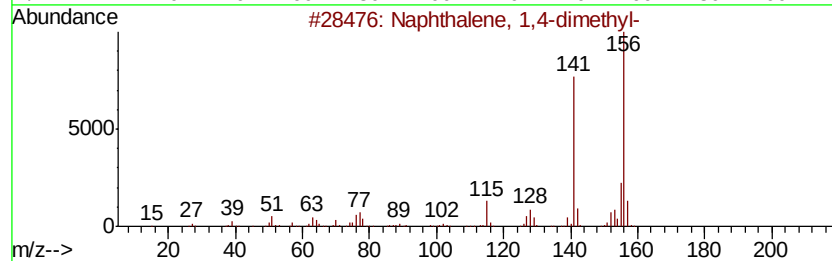
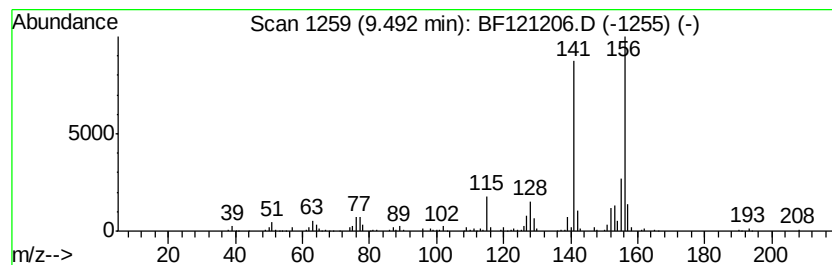
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	6.65 ng	396042	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121206.D
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ClientSampleId :
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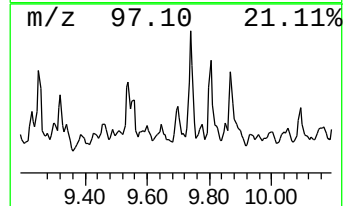
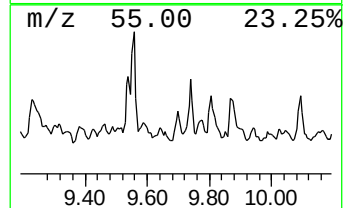
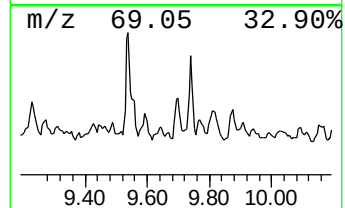
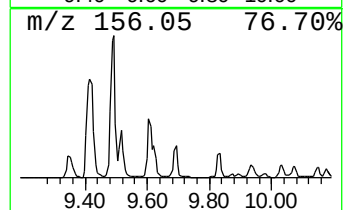
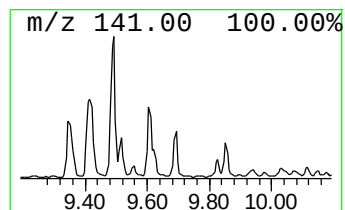
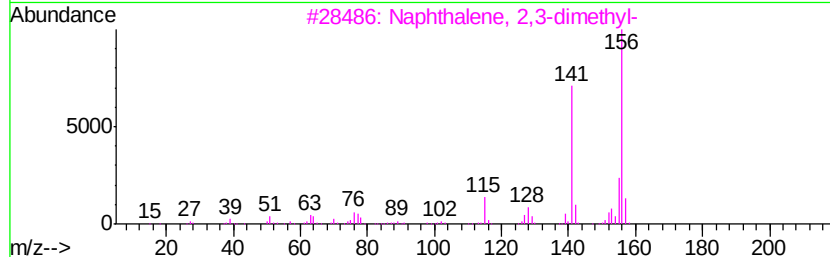
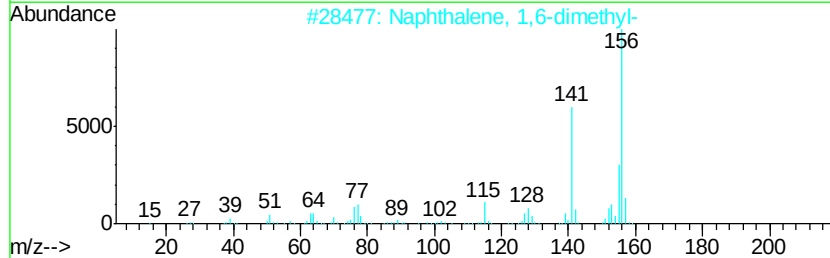
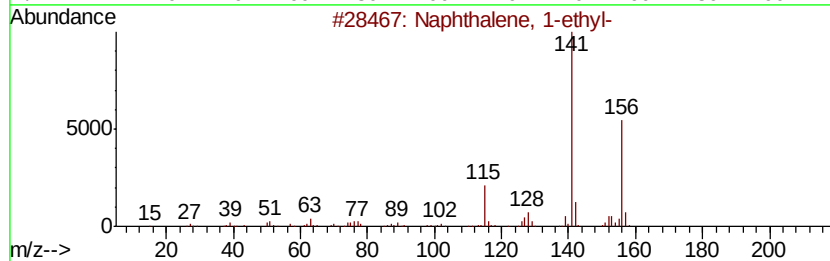
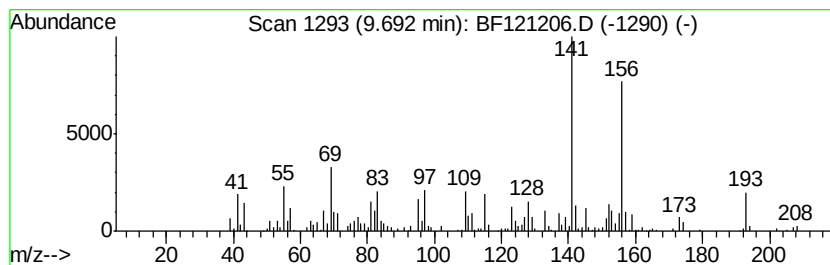
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	3.06 ng	182377	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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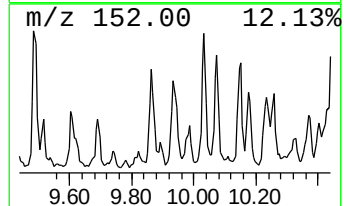
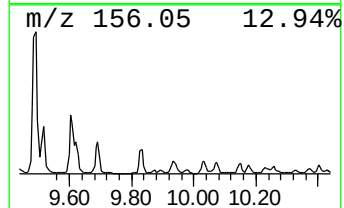
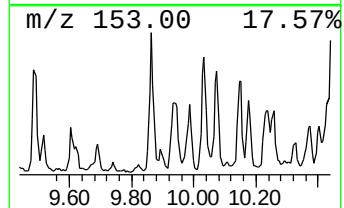
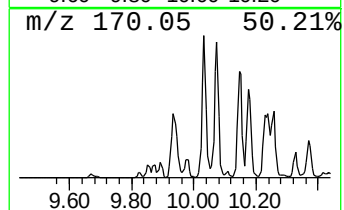
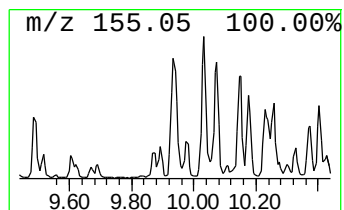
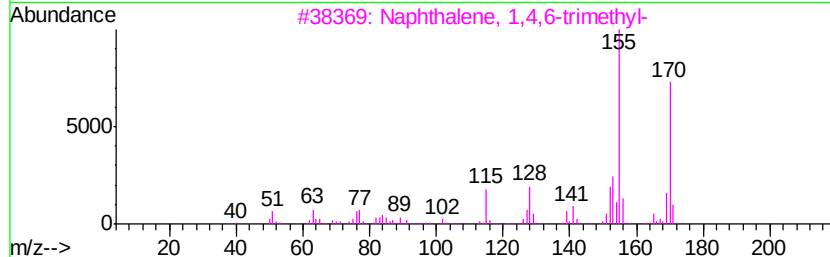
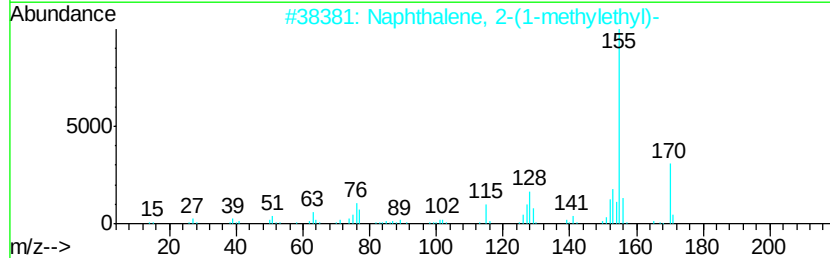
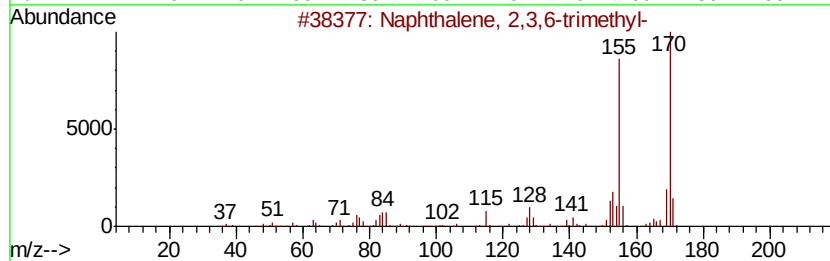
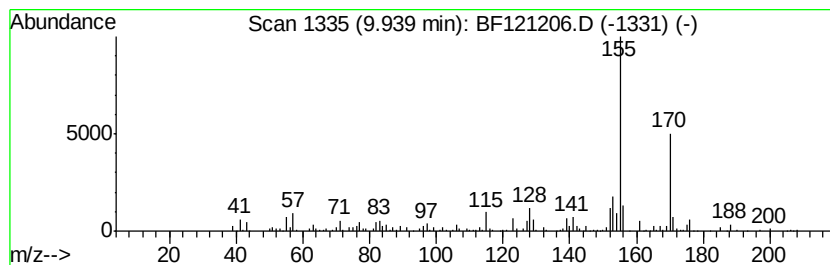
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	3.79 ng	225692	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
8/5-F-J

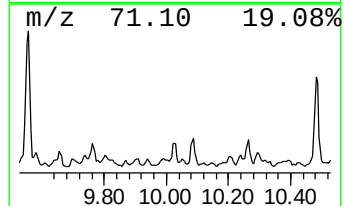
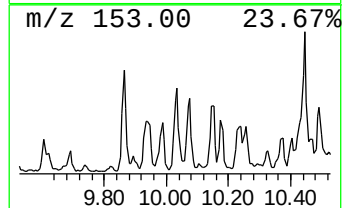
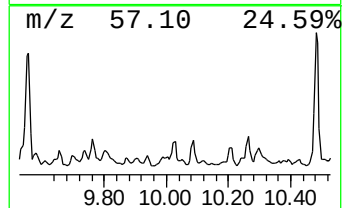
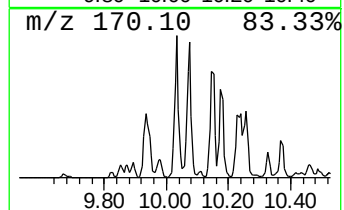
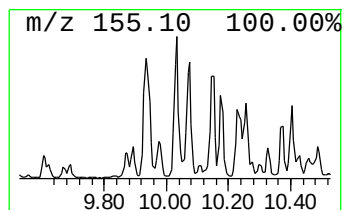
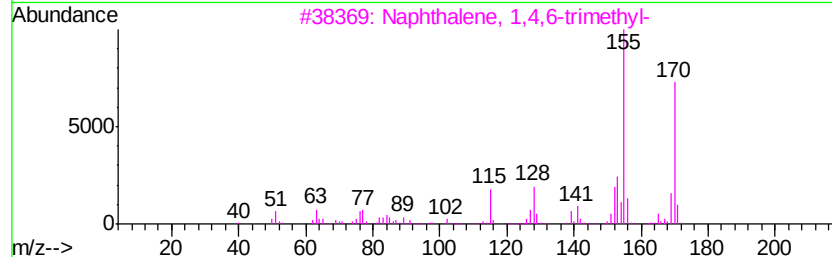
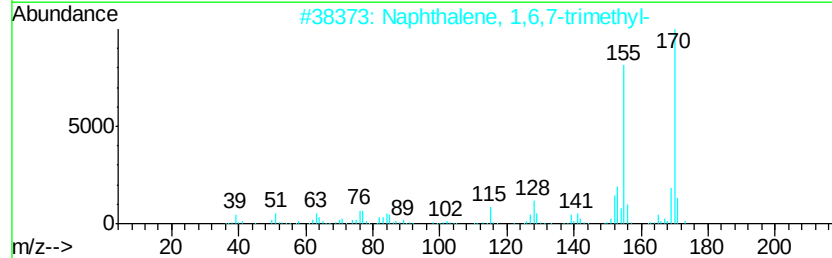
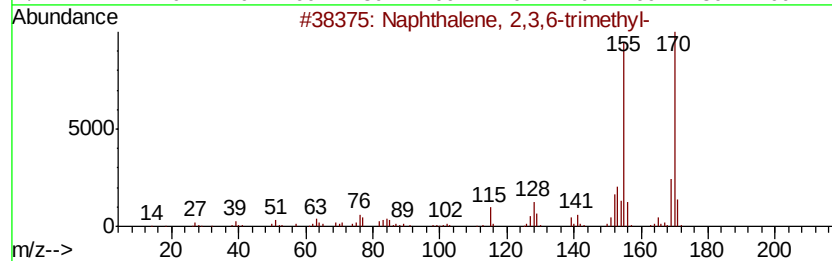
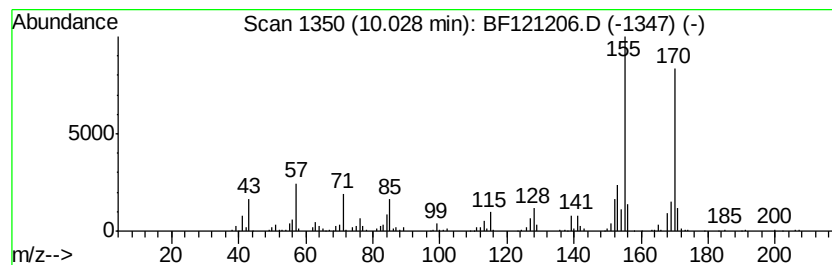
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	4.62 ng	274925	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
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\BF080620\
Data File : BF121206.D
Acq On : 6 Aug 2020 17:12
Operator : JU/CG
Sample : L3568-05
Misc :
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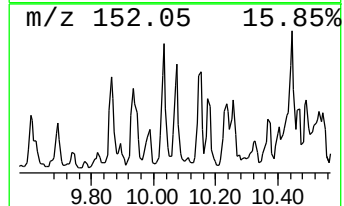
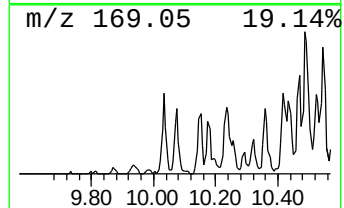
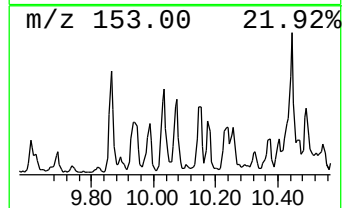
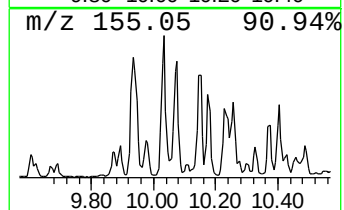
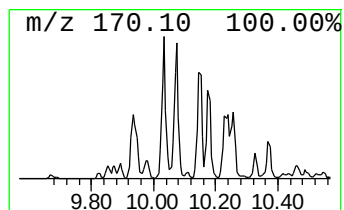
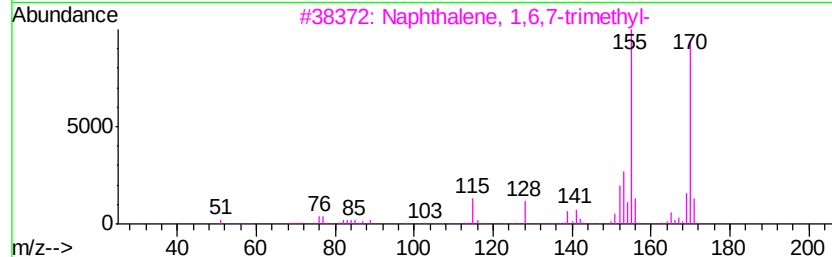
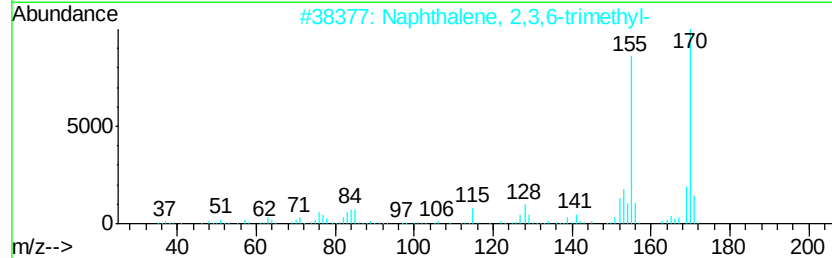
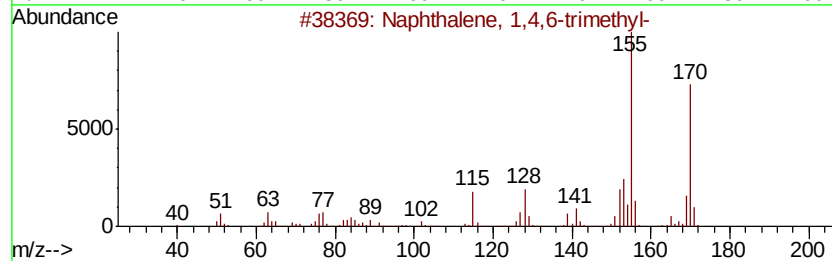
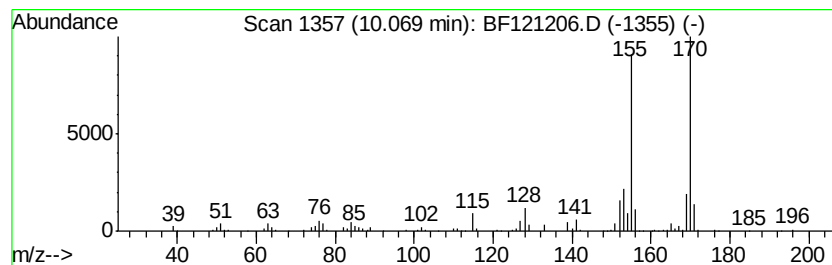
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.07	6.75 ng	402159	Acenaphthene-d10		9.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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ClientSampleId :
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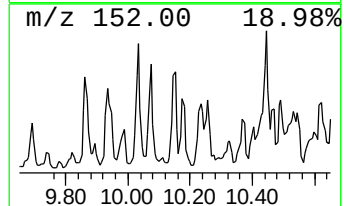
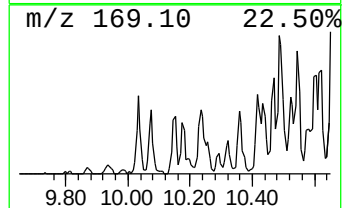
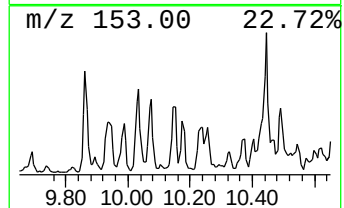
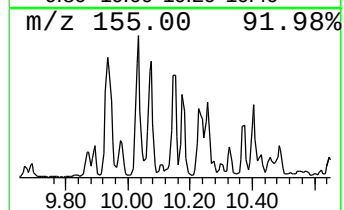
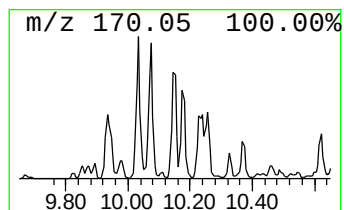
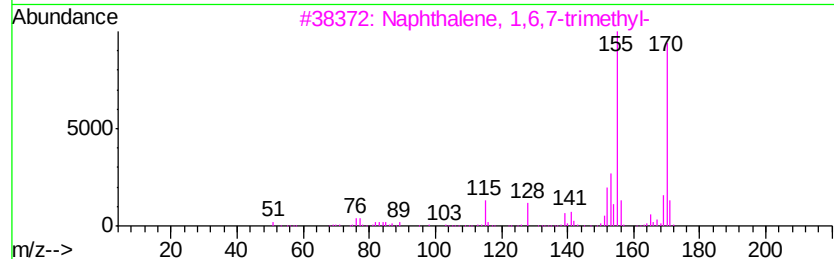
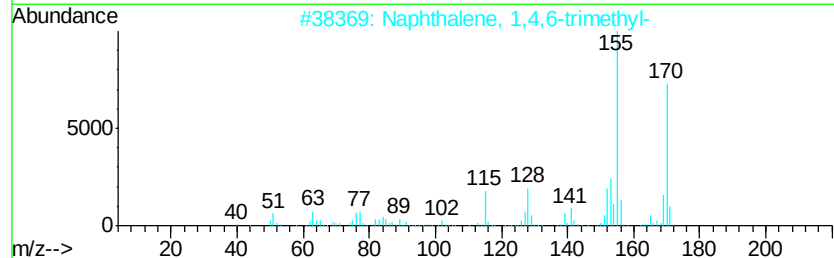
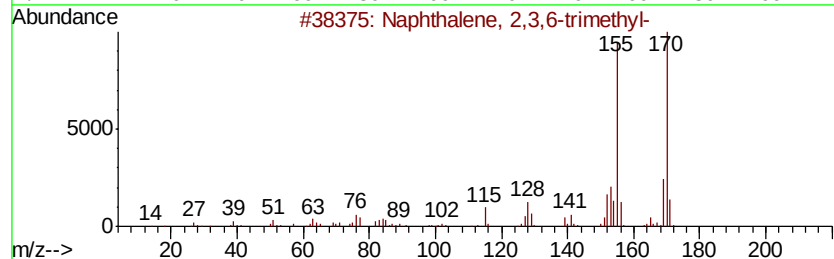
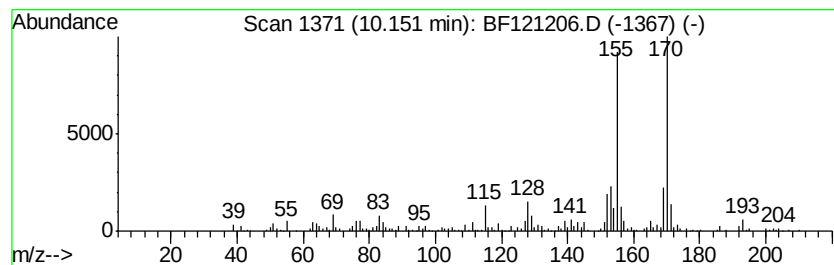
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	4.55 ng	271196	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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ALS Vial : 6 Sample Multiplier: 1

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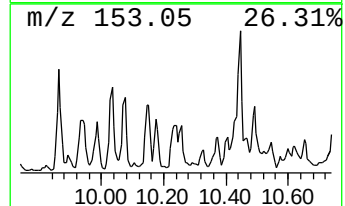
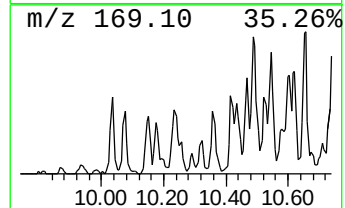
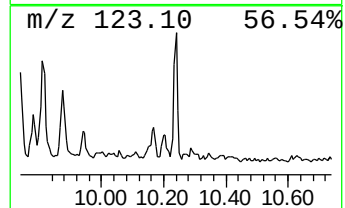
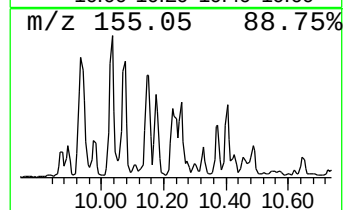
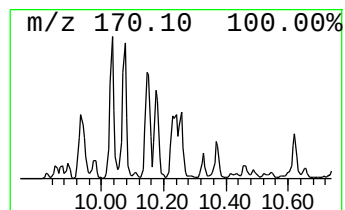
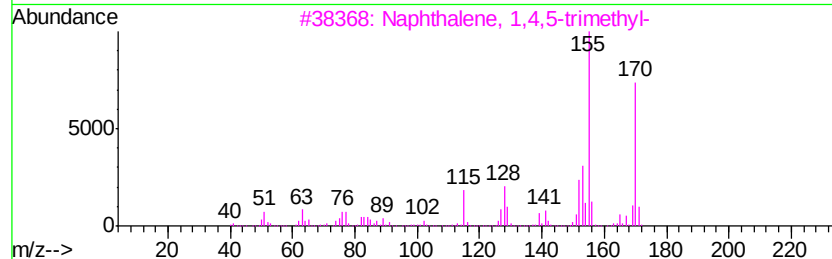
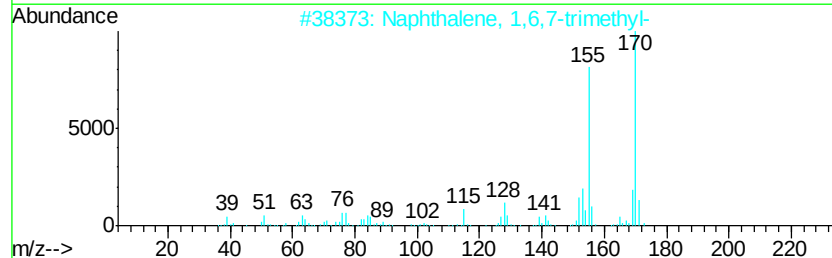
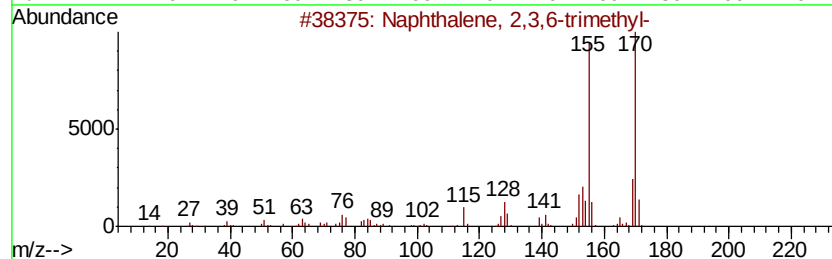
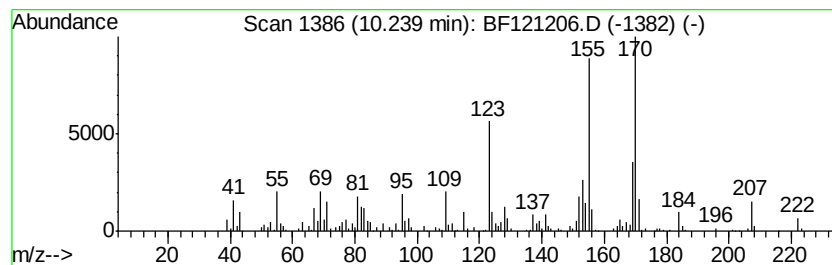
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4,6,8-Trimethylazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	3.40 ng	202675	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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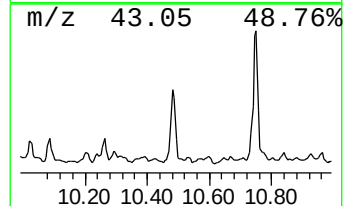
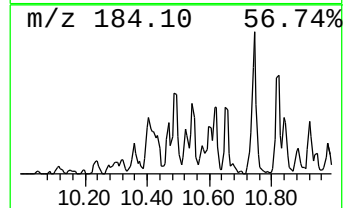
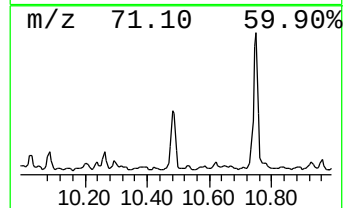
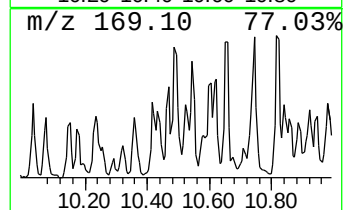
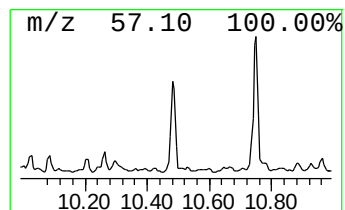
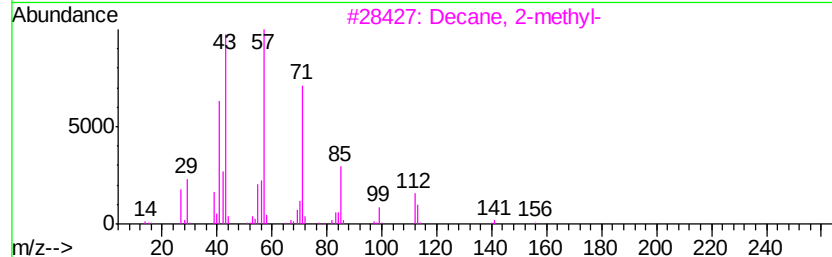
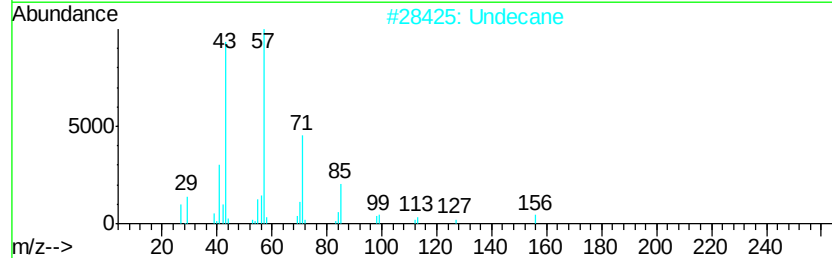
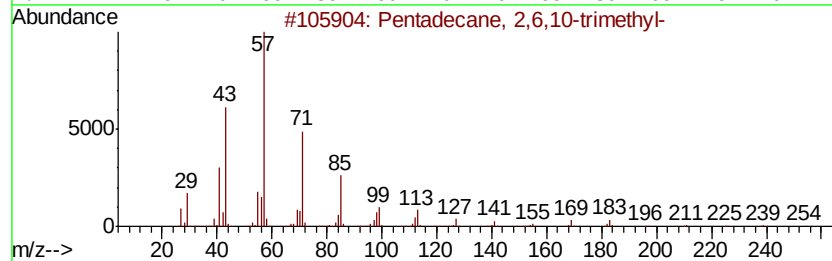
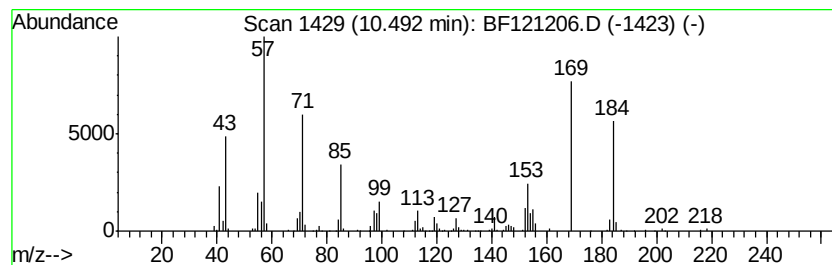
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.49	6.43 ng	382964	Acenaphthene-d10		9.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58
2	Undecane	156	C11H24	001120-21-4	58
3	Decane, 2-methyl-	156	C11H24	006975-98-0	58
4	Heptacosane	380	C27H56	000593-49-7	58
5	Hexacosane	366	C26H54	000630-01-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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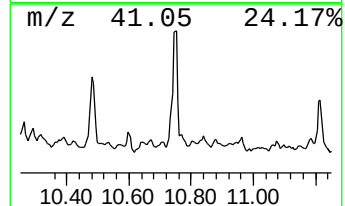
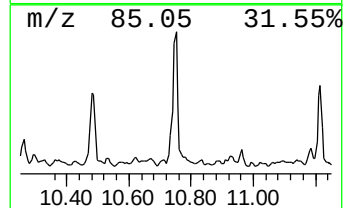
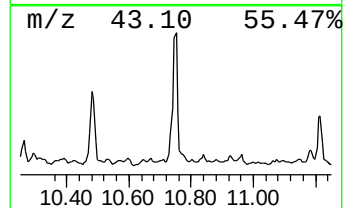
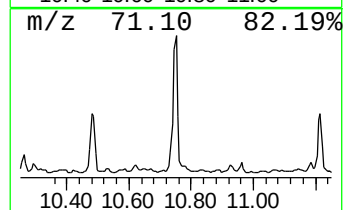
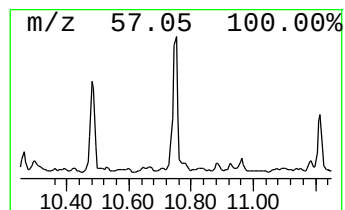
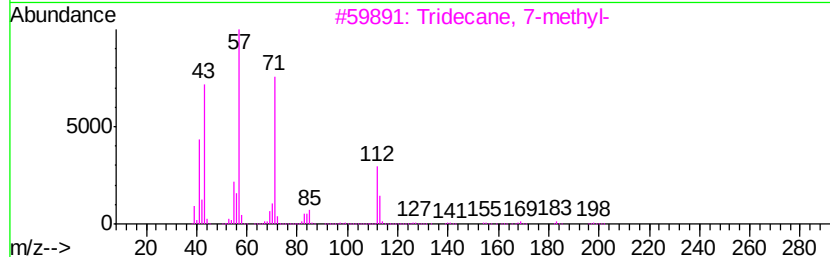
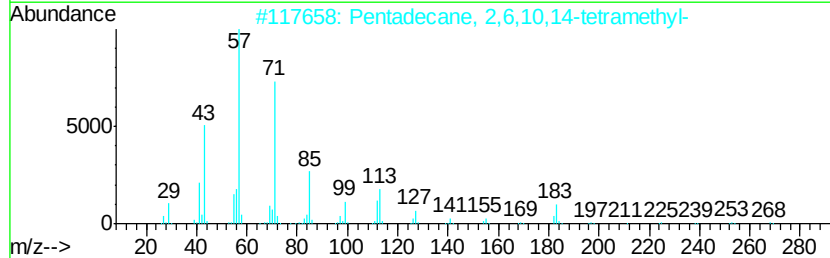
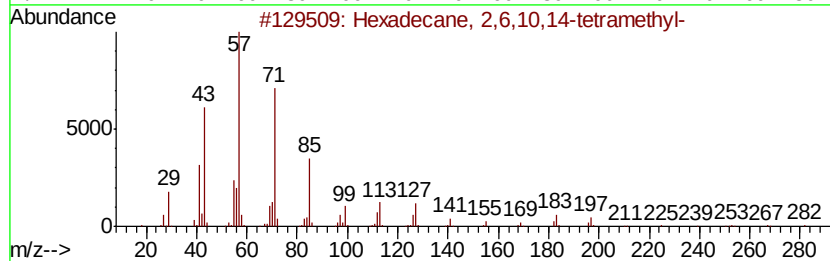
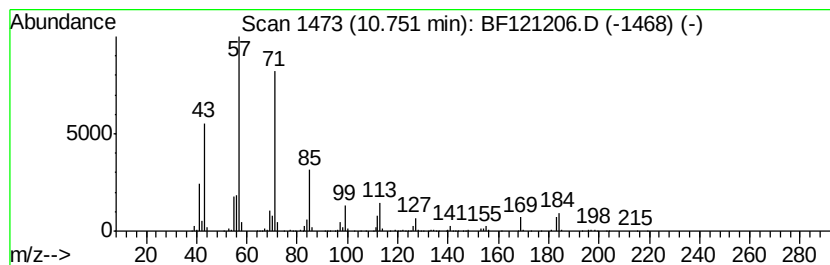
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	10.59 ng	617660	Phenanthrene-d10	11.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8	72
2	Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6	64
3	Tridecane, 7-methyl-	198 C14H30	026730-14-3	64
4	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	58
5	Octane, 2-methyl-	128 C9H20	003221-61-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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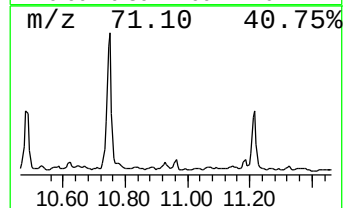
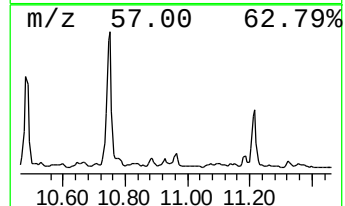
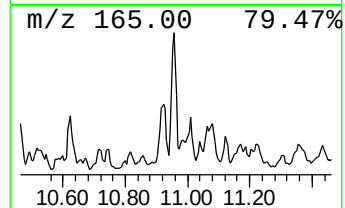
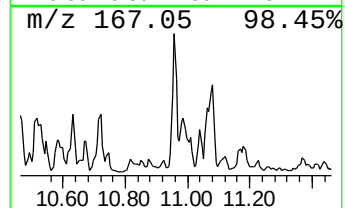
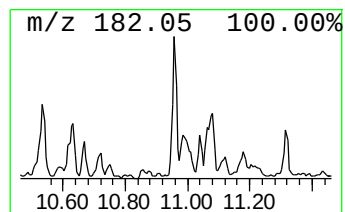
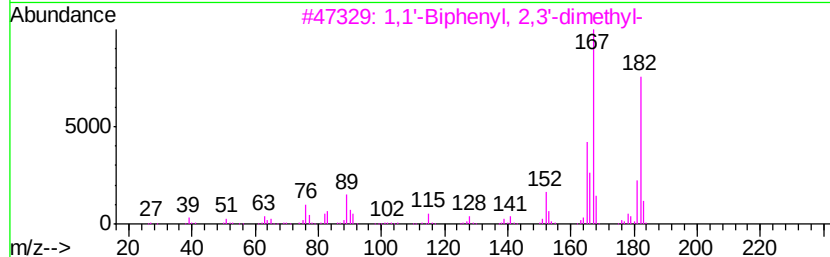
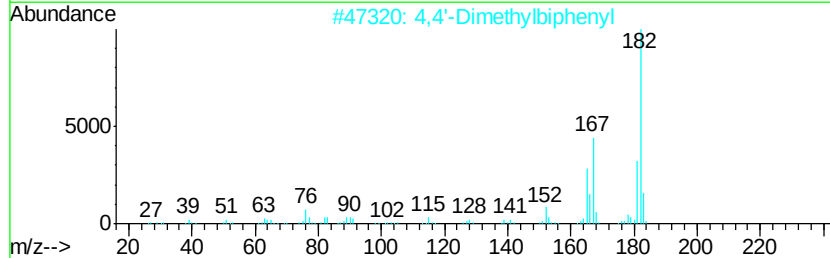
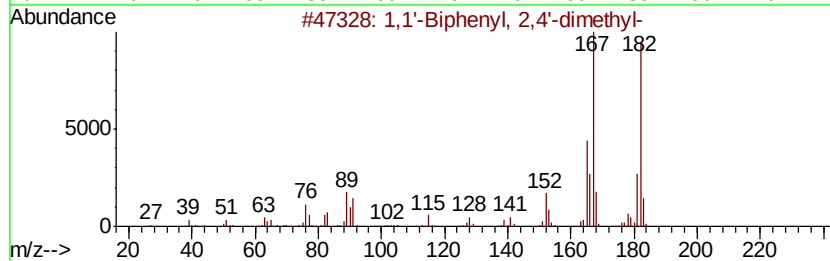
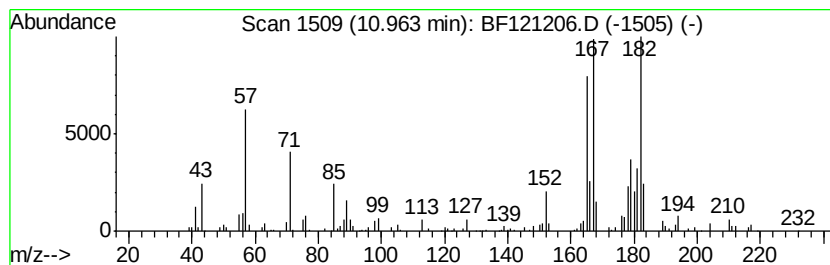
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,4'-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.96	6.78 ng	395507	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	64
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	60
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121206.D
Acq On : 6 Aug 2020 17:12
Operator : JU/CG
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ALS Vial : 6 Sample Multiplier: 1

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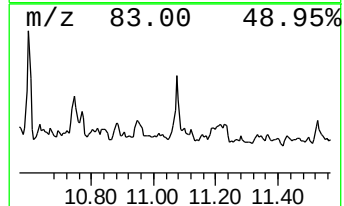
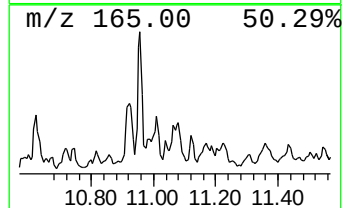
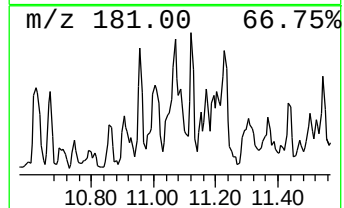
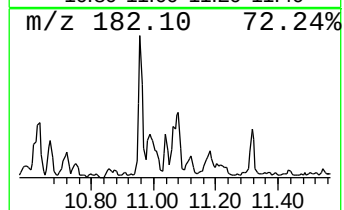
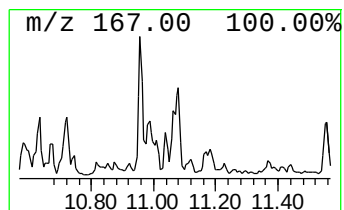
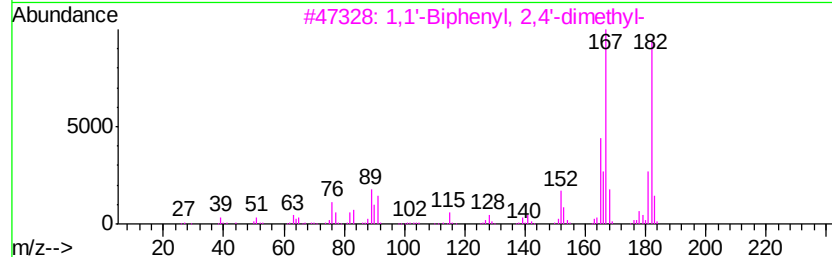
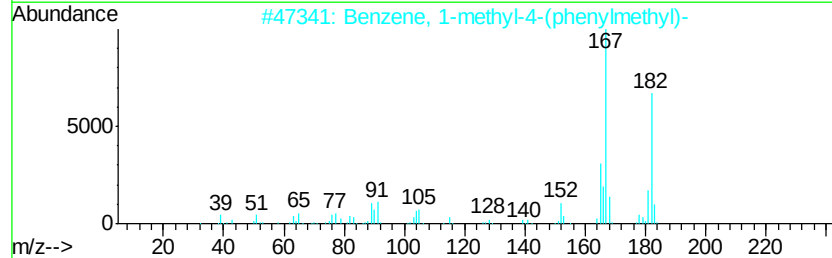
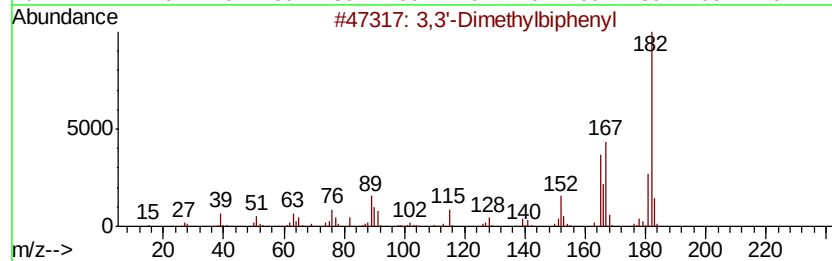
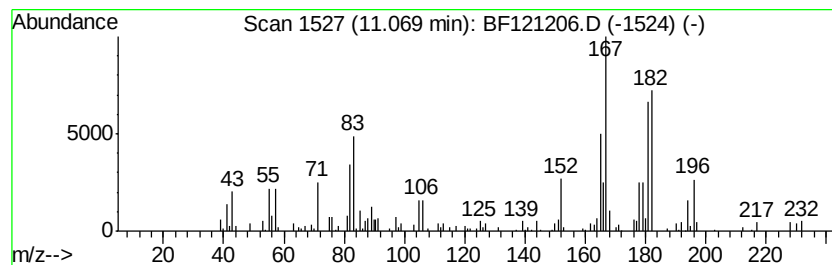
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,3'-Dimethylbiphenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.10 ng	180613	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	80
2			Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	78
3			1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	60
4			Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	55
5			Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121206.D
Acq On : 6 Aug 2020 17:12
Operator : JU/CG
Sample : L3568-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8/5-F-J

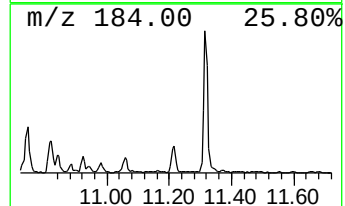
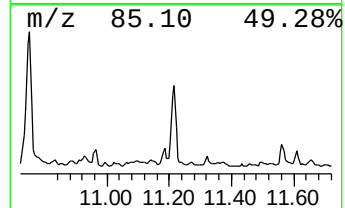
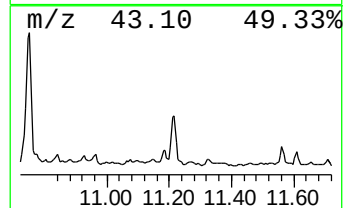
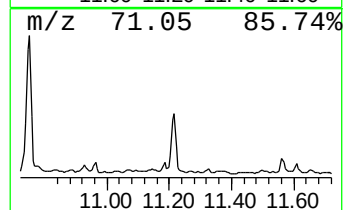
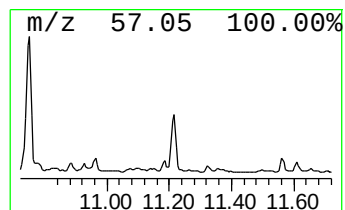
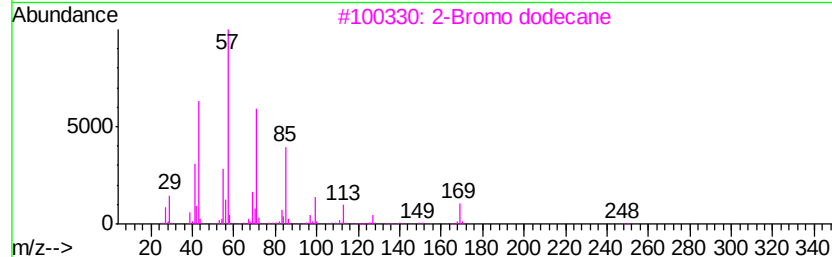
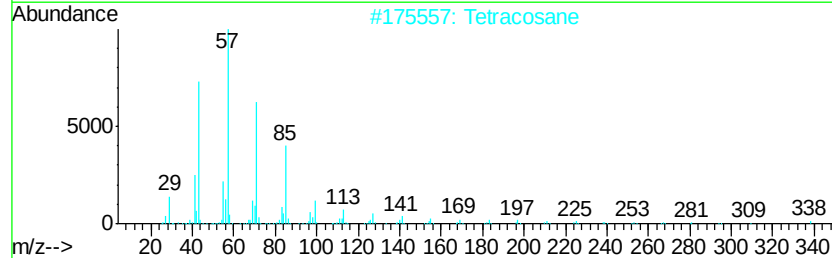
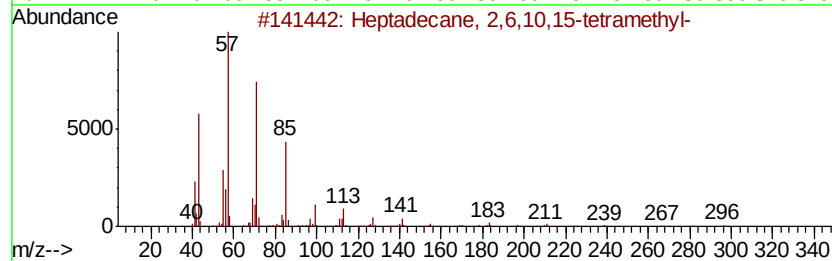
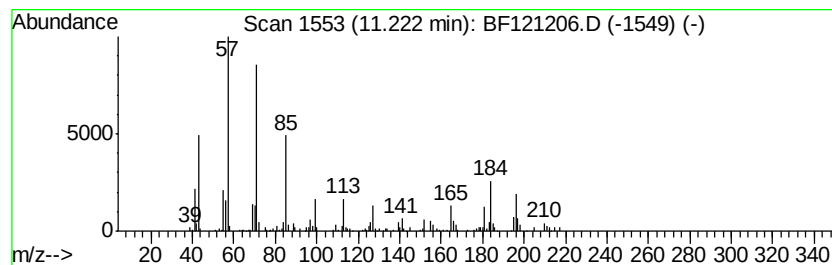
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	5.96 ng	347612	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
2			Tetracosane	338	C24H50	000646-31-1	72
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121206.D
Acq On : 6 Aug 2020 17:12
Operator : JU/CG
Sample : L3568-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8/5-F-J

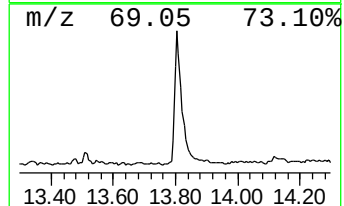
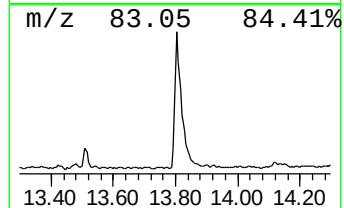
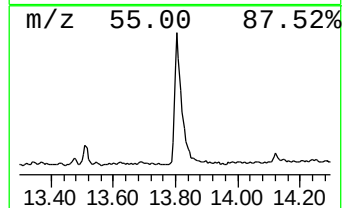
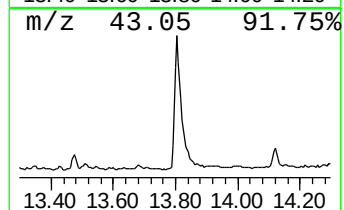
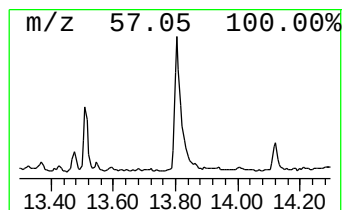
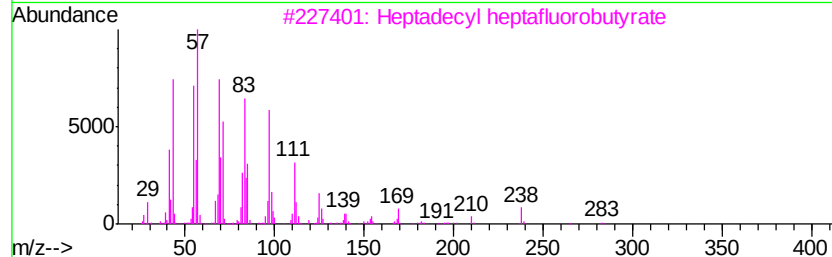
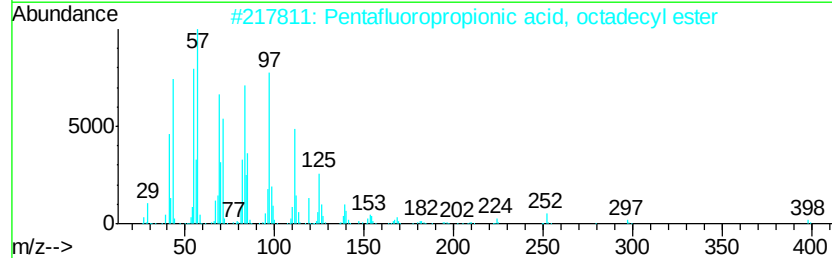
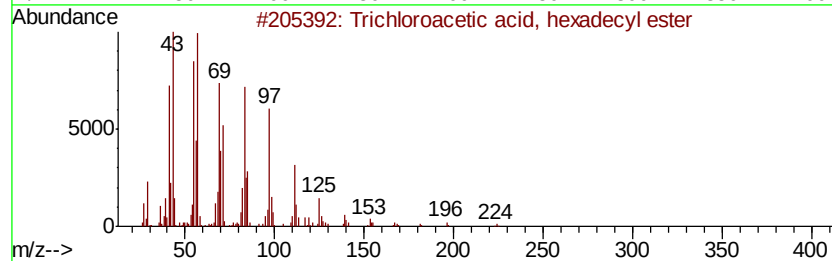
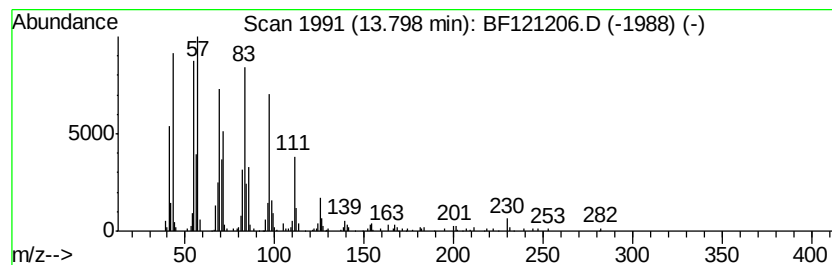
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	8.94 ng	558915	Chrysene-d12	13.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
3			Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Cyclopentadecane	210	C15H30	000295-48-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121206.D
Acq On : 6 Aug 2020 17:12
Operator : JU/CG
Sample : L3568-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8/5-F-J

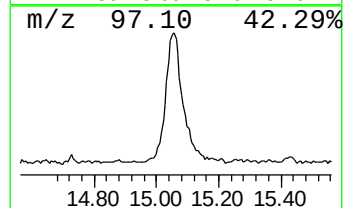
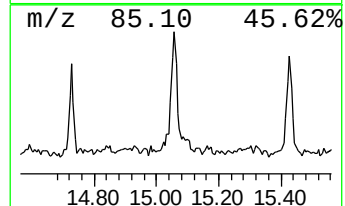
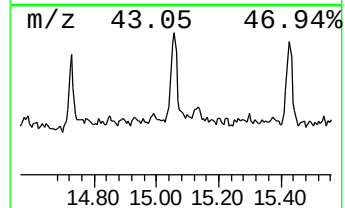
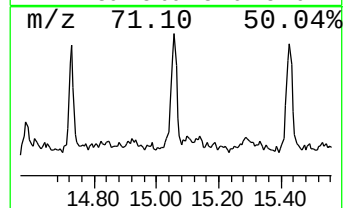
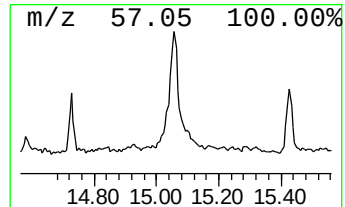
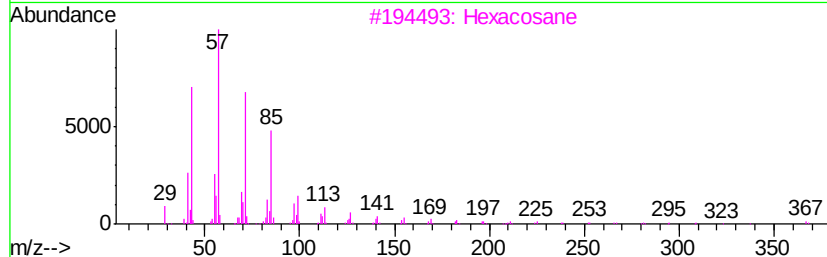
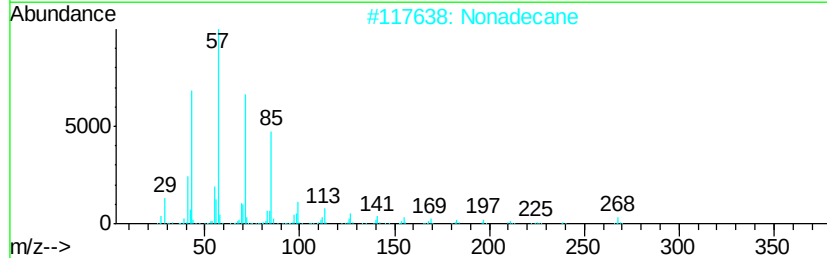
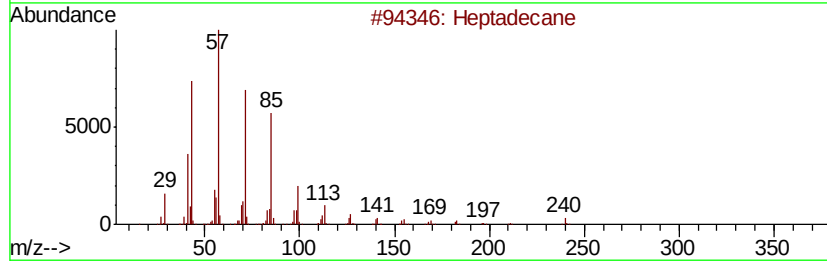
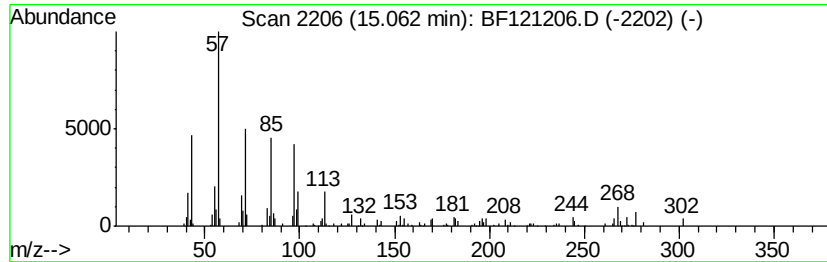
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.43 ng	183011	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	58
2		Nonadecane	268	C19H40	000629-92-5	58
3		Hexacosane	366	C26H54	000630-01-3	52
4		Pentacosane	352	C25H52	000629-99-2	50
5		Octadecane	254	C18H38	000593-45-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080620\
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 Acq On : 6 Aug 2020 17:12
 Operator : JU/CG
 Sample : L3568-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8/5-F-J

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Undecane, 2,6-dim...	8.13	3.9 ng		206811	2	8.07	1070400	20.0
unknown8.36	8.36	2.8 ng		152257	2	8.07	1070400	20.0
Octane, 2,6-dimet...	8.50	6.3 ng		338744	2	8.07	1070400	20.0
Dodecane, 2,7,10-...	9.10	5.7 ng		337708	3	9.83	1191390	20.0
unknown9.23	9.23	4.1 ng		242353	3	9.83	1191390	20.0
Naphthalene, 1,7-...	9.42	5.8 ng		344953	3	9.83	1191390	20.0
Naphthalene, 1,4-...	9.49	6.7 ng		396042	3	9.83	1191390	20.0
Naphthalene, 1-et...	9.69	3.1 ng		182377	3	9.83	1191390	20.0
Naphthalene, 2-(1...	9.94	3.8 ng		225692	3	9.83	1191390	20.0
Naphthalene, 2,3,...	10.03	4.6 ng		274925	3	9.83	1191390	20.0
Naphthalene, 1,4,...	10.07	6.8 ng		402159	3	9.83	1191390	20.0
Naphthalene, 1,6,...	10.15	4.5 ng		271196	3	9.83	1191390	20.0
4,6,8-Trimethylaz...	10.24	3.4 ng		202675	3	9.83	1191390	20.0
Pentadecane, 2,6,...	10.49	6.4 ng		382964	3	9.83	1191390	20.0
Hexadecane, 2,6,1...	10.75	10.6 ng		617660	4	11.32	1165970	20.0
1,1'-Biphenyl, 2,...	10.96	6.8 ng		395507	4	11.32	1165970	20.0
3,3'-Dimethylbiph...	11.07	3.1 ng		180613	4	11.32	1165970	20.0
Heptadecane, 2,6,...	11.22	6.0 ng		347612	4	11.32	1165970	20.0
Trichloroacetic a...	13.80	8.9 ng		558915	5	13.96	1250160	20.0
Heptadecane	15.06	3.4 ng		183011	6	15.40	1067390	20.0