

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
 Data File : BF120865.D
 Acq On : 14 Jul 2020 17:19
 Operator : JU/CG
 Sample : L3179-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071320

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-BF070220.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	5.434	565	569	573	rBV	1636401	1597901	52.57%	3.198%
2	6.081	676	679	686	rVB3	82839	104176	3.43%	0.208%
3	6.363	724	727	730	rBV3	148474	153545	5.05%	0.307%
4	6.428	734	738	739	rBV	113801	125742	4.14%	0.252%
5	6.451	739	742	745	rVB	1883712	1512214	49.75%	3.026%
6	6.575	759	763	768	rBV4	96757	175679	5.78%	0.352%
7	6.669	775	779	782	rBV2	604516	563398	18.54%	1.128%
8	6.775	790	797	799	rBV4	47246	85819	2.82%	0.172%
9	6.834	803	807	809	rBV	1359828	1303670	42.89%	2.609%
10	6.851	809	810	814	rVB2	265462	142589	4.69%	0.285%
11	6.892	814	817	821	rBV3	177198	181507	5.97%	0.363%
12	6.981	829	832	836	rBV	295564	267525	8.80%	0.535%
13	7.063	844	846	848	rBV2	84310	85500	2.81%	0.171%
14	7.110	851	854	857	rVB	413078	383885	12.63%	0.768%
15	7.139	857	859	863	rBV2	250416	342700	11.27%	0.686%
16	7.175	863	865	868	rVB2	315824	240393	7.91%	0.481%
17	7.222	870	873	877	rBV2	456396	485242	15.96%	0.971%
18	7.263	877	880	884	rVB5	85575	113598	3.74%	0.227%
19	7.322	884	890	893	rBV2	101451	171921	5.66%	0.344%
20	7.369	893	898	899	rBV2	377671	448597	14.76%	0.898%
21	7.386	899	901	904	rVV	1144238	903895	29.74%	1.809%
22	7.434	906	909	912	rVB	1568659	1183659	38.94%	2.369%
23	7.481	912	917	920	rVB5	360829	532231	17.51%	1.065%
24	7.522	920	924	925	rBV2	186875	247463	8.14%	0.495%
25	7.545	925	928	931	rVB2	195899	194965	6.41%	0.390%
26	7.592	933	936	938	rBV	98177	124844	4.11%	0.250%
27	7.616	938	940	941	rBV	178045	133194	4.38%	0.267%
28	7.639	942	944	947	rVB	416972	367074	12.08%	0.735%
29	7.722	954	958	959	rBV3	178387	188799	6.21%	0.378%
30	7.739	959	961	962	rBV	269108	190472	6.27%	0.381%
31	7.757	962	964	968	rVB3	315855	359243	11.82%	0.719%
32	7.804	968	972	974	rVB3	433657	446348	14.68%	0.893%
33	7.833	974	977	979	rBV3	469746	426306	14.02%	0.853%
34	7.857	979	981	982	rVV2	244382	249560	8.21%	0.499%

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35	7.869	982	983	988	rVB3	491945	422115	13.89%	0.845%
36	7.916	988	991	993	rBV2	340252	344189	11.32%	0.689%
37	7.933	993	994	996	rVV2	142486	101351	3.33%	0.203%
38	7.957	996	998	1000	rVB	257584	201805	6.64%	0.404%
39	7.986	1000	1003	1007	rBV2	240816	300715	9.89%	0.602%
40	8.022	1007	1009	1011	rBV	171782	122395	4.03%	0.245%
41	8.075	1012	1018	1020	rBV4	248847	477565	15.71%	0.956%
42	8.104	1020	1023	1028	rVV2	2049201	3039643	100.00%	6.083%
43	8.181	1031	1036	1038	rVB2	1016301	1036328	34.09%	2.074%
44	8.204	1038	1040	1043	rBV2	291431	299583	9.86%	0.600%
45	8.275	1048	1052	1053	rBV4	208886	244815	8.05%	0.490%
46	8.316	1057	1059	1062	rVB2	317044	367034	12.07%	0.735%
47	8.357	1062	1066	1070	rBV5	156295	226632	7.46%	0.454%
48	8.410	1070	1075	1078	rBV5	690465	875864	28.81%	1.753%
49	8.463	1082	1084	1087	rBV3	466980	414617	13.64%	0.830%
50	8.498	1087	1090	1093	rBV2	656682	609865	20.06%	1.221%
51	8.539	1093	1097	1099	rBV	1057137	980778	32.27%	1.963%
52	8.563	1099	1101	1102	rVB	223515	149563	4.92%	0.299%
53	8.581	1102	1104	1107	rVB	318687	258956	8.52%	0.518%
54	8.622	1108	1111	1114	rVB2	544829	445758	14.66%	0.892%
55	8.663	1114	1118	1119	rBV3	263500	275548	9.07%	0.551%
56	8.710	1123	1126	1130	rBV	1762863	1666002	54.81%	3.334%
57	8.775	1135	1137	1139	rVV2	553599	542887	17.86%	1.086%
58	8.810	1139	1143	1146	rVB3	555809	646641	21.27%	1.294%
59	8.869	1151	1153	1155	rBV3	144630	110801	3.65%	0.222%
60	8.892	1155	1157	1158	rBV2	129070	105266	3.46%	0.211%
61	8.939	1162	1165	1167	rVV	464889	332430	10.94%	0.665%
62	8.992	1172	1174	1176	rBV3	327428	323538	10.64%	0.647%
63	9.075	1186	1188	1191	rVB2	462365	446173	14.68%	0.893%
64	9.116	1192	1195	1197	rBV	376766	303657	9.99%	0.608%
65	9.139	1197	1199	1204	rVB2	915015	914192	30.08%	1.830%
66	9.192	1204	1208	1210	rBV	2103484	1715447	56.44%	3.433%
67	9.233	1213	1215	1217	rVB2	190276	139669	4.59%	0.280%
68	9.275	1219	1222	1226	rBV	1545367	1555732	51.18%	3.113%
69	9.345	1232	1234	1236	rVB2	325062	251278	8.27%	0.503%
70	9.392	1240	1242	1245	rVB4	139348	93917	3.09%	0.188%
71	9.469	1253	1255	1257	rVB4	126813	91481	3.01%	0.183%

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72	9.510	1259	1262	1264	rVV4	216316	257775	8.48%	0.516%
73	9.551	1267	1269	1272	rVV3	356659	299214	9.84%	0.599%
74	9.598	1272	1277	1279	rVV3	894712	1268877	41.74%	2.539%
75	9.616	1279	1280	1283	rVV	457922	398763	13.12%	0.798%
76	9.657	1284	1287	1289	rVB2	329377	315401	10.38%	0.631%
77	9.804	1310	1312	1317	rVB	1040987	845156	27.80%	1.691%
78	9.869	1317	1323	1326	rBV	1864571	1728873	56.88%	3.460%
79	10.033	1349	1351	1355	rBV4	108759	178768	5.88%	0.358%
80	10.127	1364	1367	1371	rVB4	235363	256304	8.43%	0.513%
81	10.186	1375	1377	1384	rBV5	108705	198469	6.53%	0.397%
82	10.304	1394	1397	1400	rVV	644113	514547	16.93%	1.030%
83	10.357	1404	1406	1412	rVB6	94981	123769	4.07%	0.248%
84	10.527	1431	1435	1441	rVB	200875	261040	8.59%	0.522%
85	10.651	1452	1456	1460	rBV	1050292	892843	29.37%	1.787%
86	10.774	1475	1477	1486	rVB	357259	477400	15.71%	0.955%
87	11.222	1551	1553	1556	rVV	157044	137364	4.52%	0.275%
88	11.257	1556	1559	1563	rVB	119363	133323	4.39%	0.267%
89	11.351	1571	1575	1579	rBV	1524862	1334625	43.91%	2.671%
90	11.651	1623	1626	1629	rVV	122792	94679	3.11%	0.189%
91	12.439	1756	1760	1761	rBV	276857	273507	9.00%	0.547%
92	12.457	1761	1763	1766	rVB2	405253	345818	11.38%	0.692%
93	12.939	1841	1845	1848	rBV	1680355	1474805	48.52%	2.952%
94	13.174	1883	1885	1890	rVB3	83612	89873	2.96%	0.180%
95	13.521	1941	1944	1946	rBV	91131	92138	3.03%	0.184%
96	13.839	1995	1998	2007	rVB3	243845	356869	11.74%	0.714%
97	13.992	2020	2024	2027	rBV	1363090	1298759	42.73%	2.599%
98	14.468	2103	2105	2108	rBV	127692	148839	4.90%	0.298%
99	15.451	2268	2272	2276	rBV	978181	1078516	35.48%	2.158%
100	16.162	2390	2393	2402	rVB3	359409	623212	20.50%	1.247%

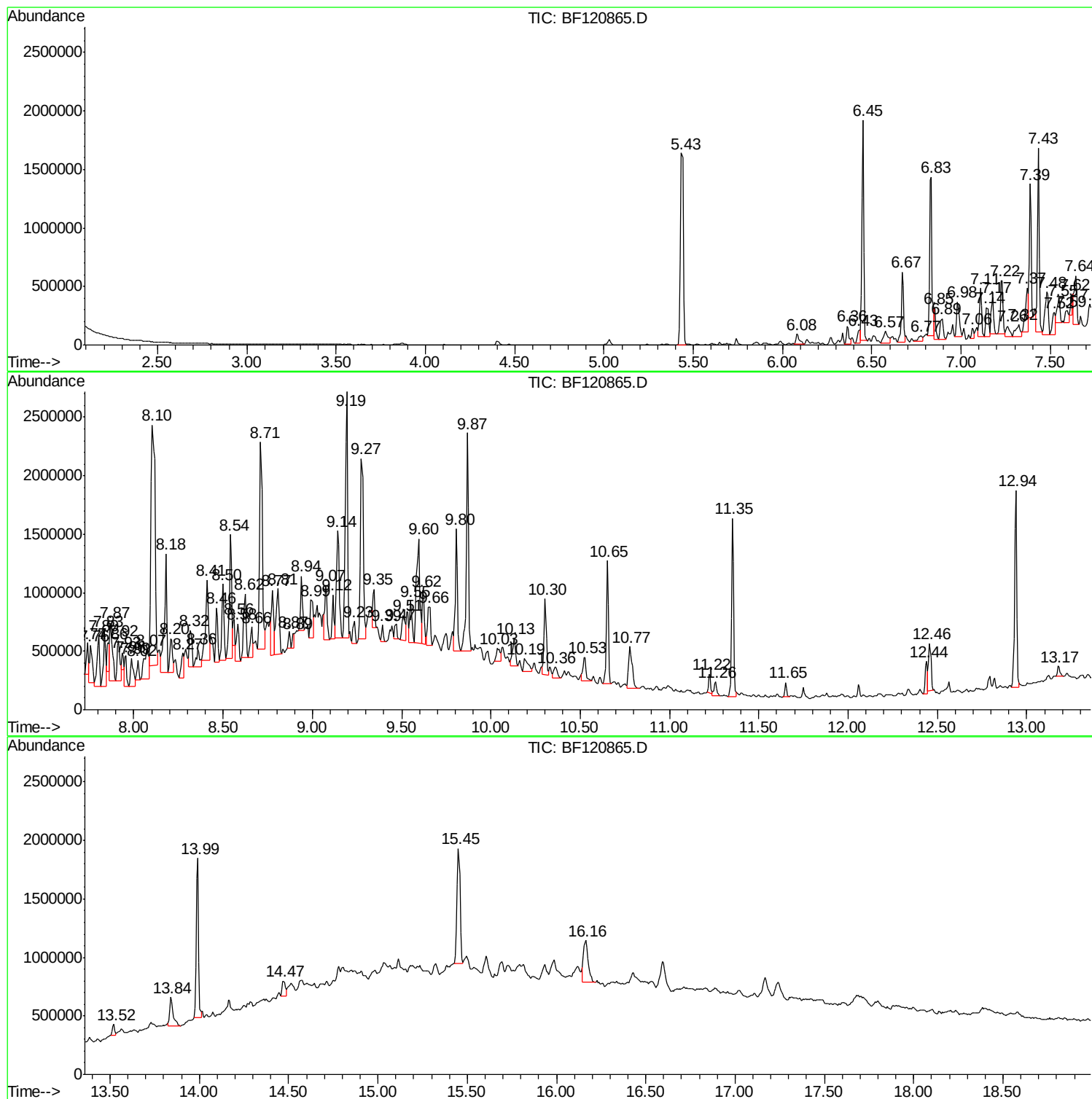
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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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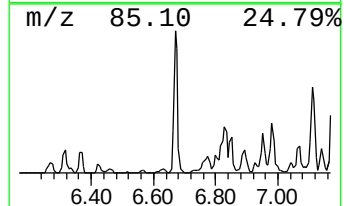
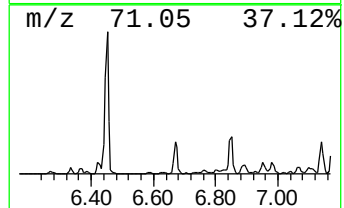
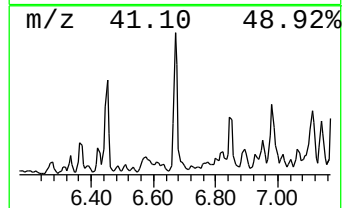
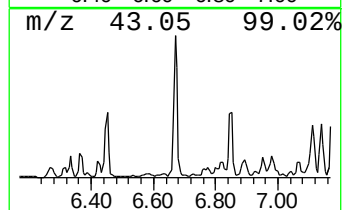
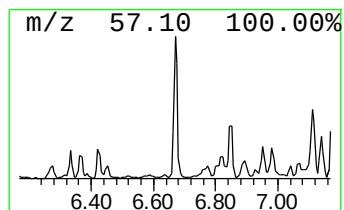
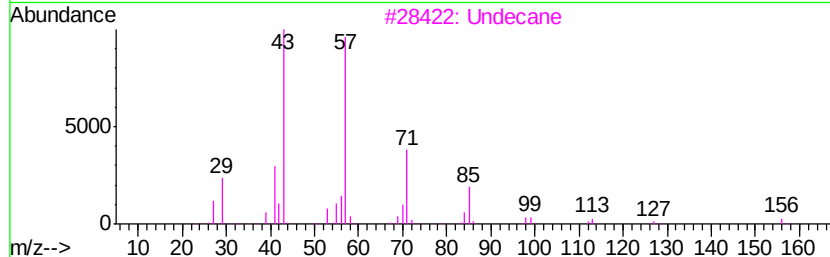
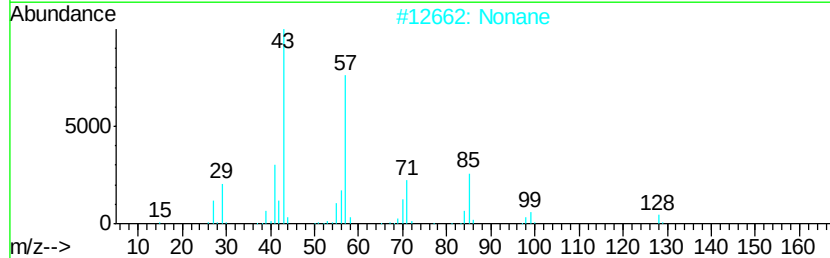
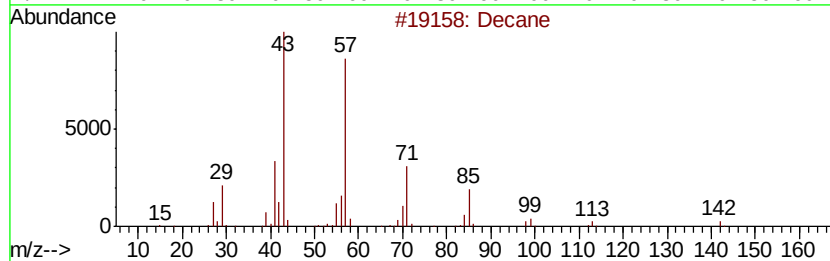
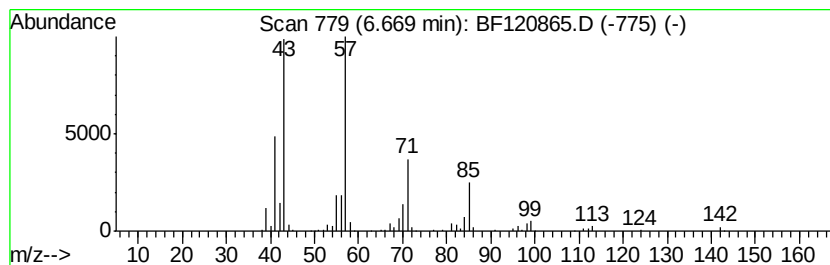
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	8.64 ng	563398	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	90
2	Nonane			128	C9H20	000111-84-2	90
3	Undecane			156	C11H24	001120-21-4	83
4	Decane, 6-ethyl-2-methyl-			184	C13H28	062108-21-8	78
5	Tridecane			184	C13H28	000629-50-5	78



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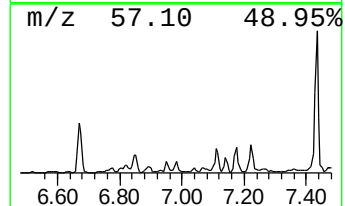
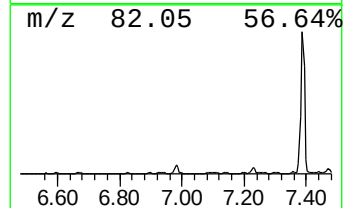
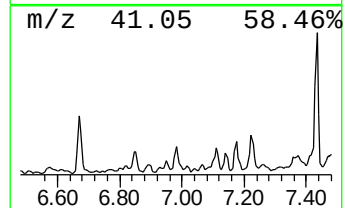
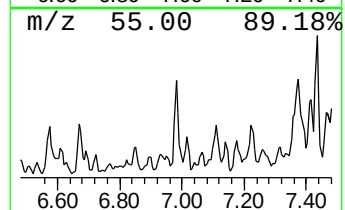
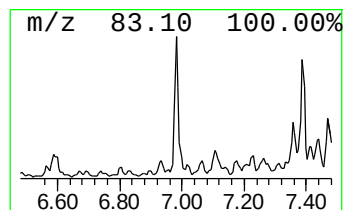
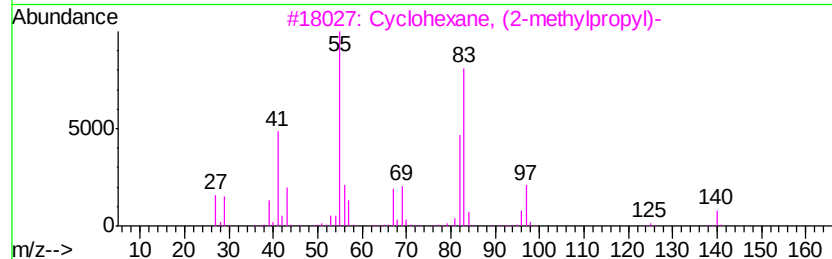
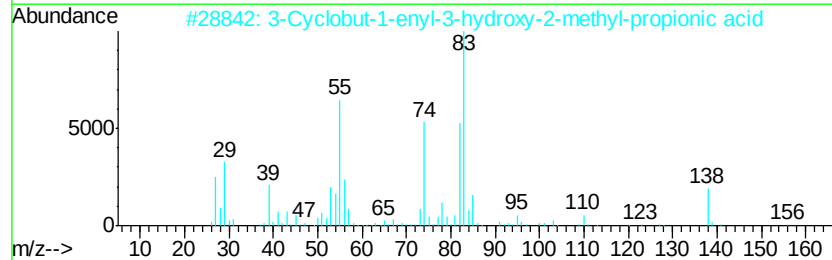
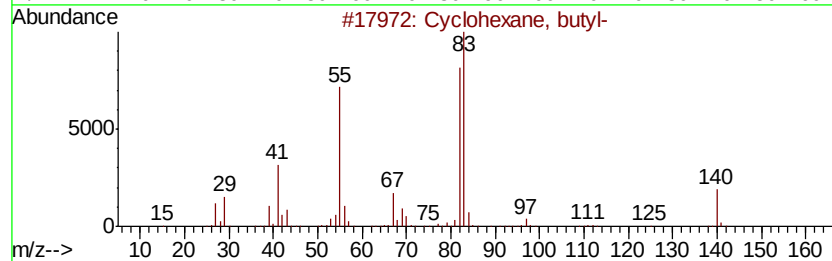
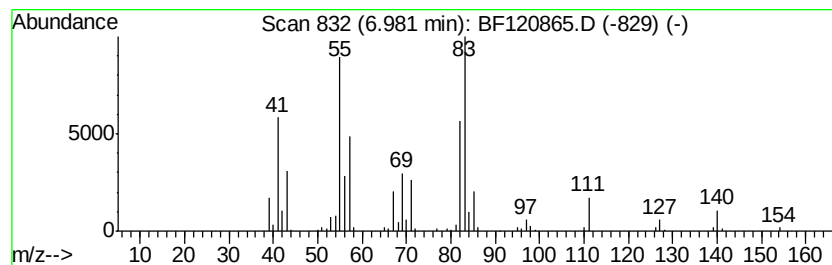
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Cyclohexane, butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	4.10 ng	267525	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	68
2			3-Cyclobut-1-enyl-3-hydroxy-2-me...	156	C8H12O3	1000186-72-4	59
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	53



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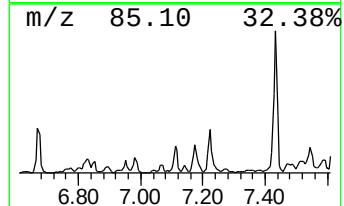
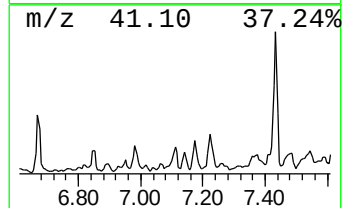
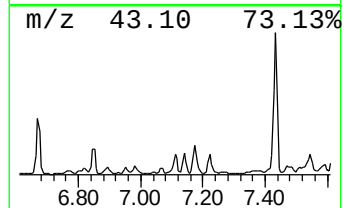
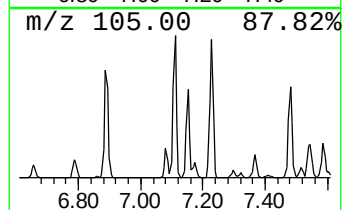
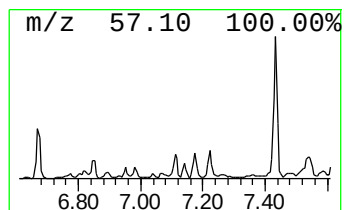
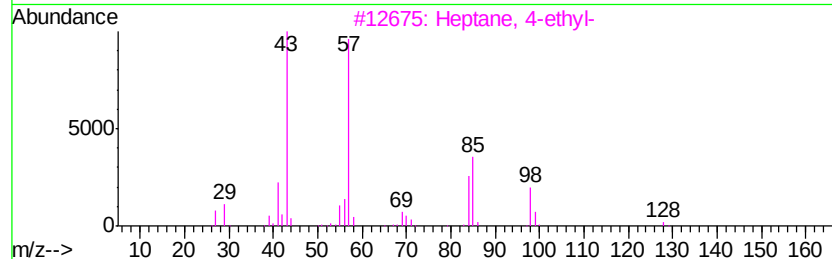
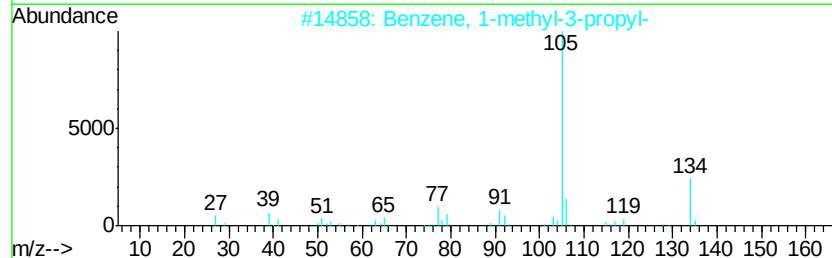
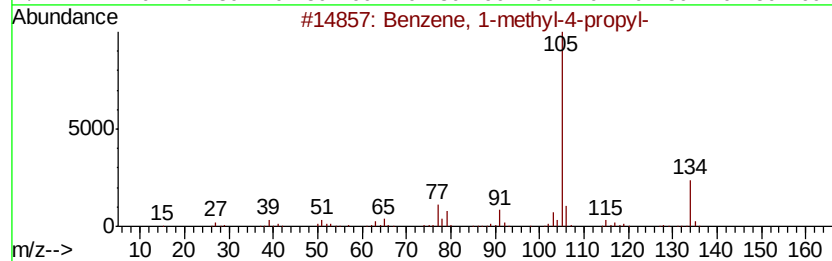
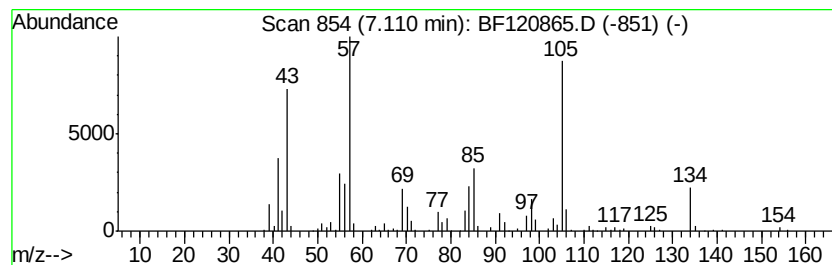
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Peak Number 3 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.11	5.89 ng	383885	1,4-Dichlorobenzene-d4	6.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-		134	C10H14	001074-55-1	70
2	Benzene, 1-methyl-3-propyl-		134	C10H14	001074-43-7	51
3	Heptane, 4-ethyl-		128	C9H20	002216-32-2	43
4	Benzene, 1-methyl-2-propyl-		134	C10H14	001074-17-5	38
5	Benzene, (1-methylpropyl)-		134	C10H14	000135-98-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120865.D
Acq On : 14 Jul 2020 17:19
Operator : JU/CG
Sample : L3179-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-071320

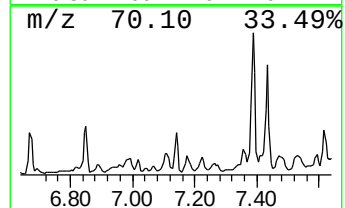
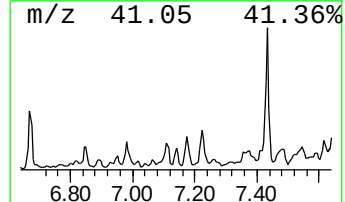
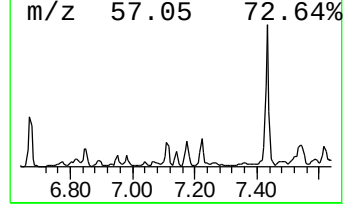
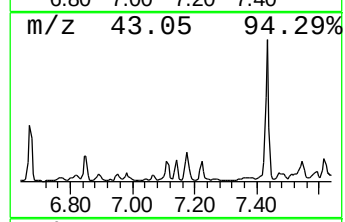
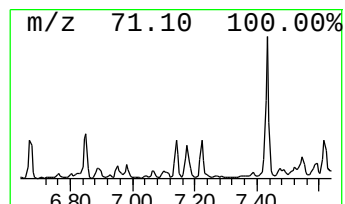
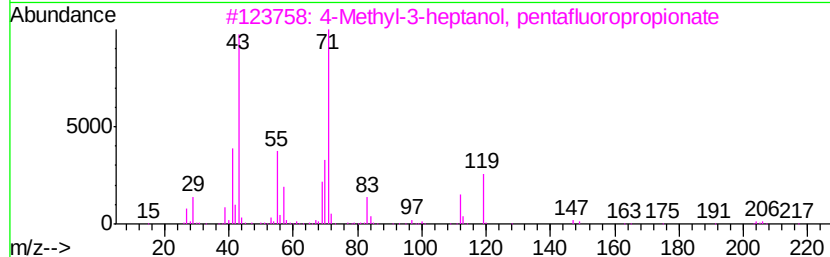
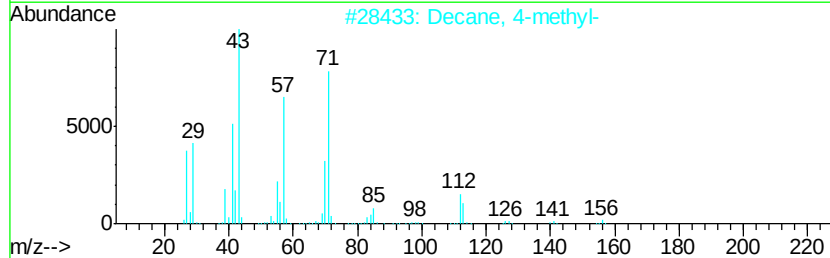
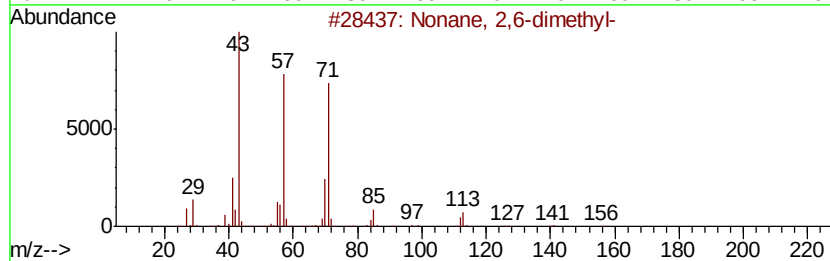
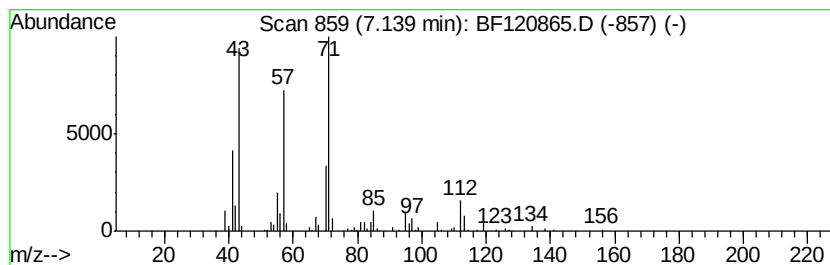
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	5.26 ng	342700	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	81
2		Decane, 4-methyl-	156	C11H24	002847-72-5	72
3		4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	64
4		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	64
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
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Sample : L3179-01 2X
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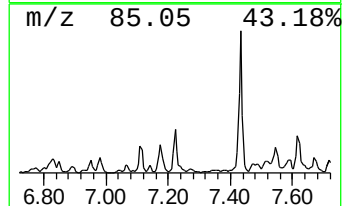
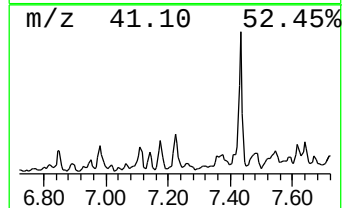
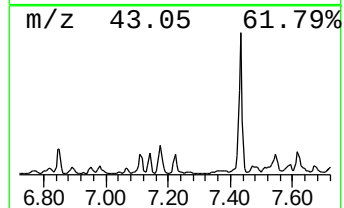
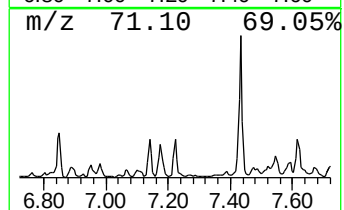
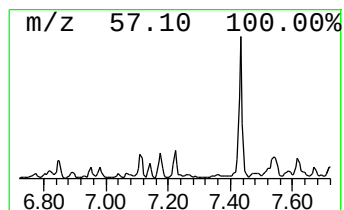
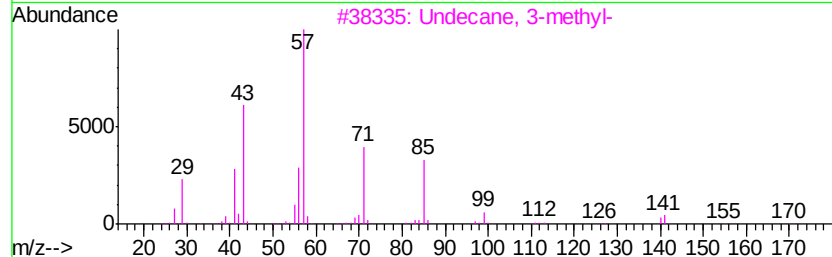
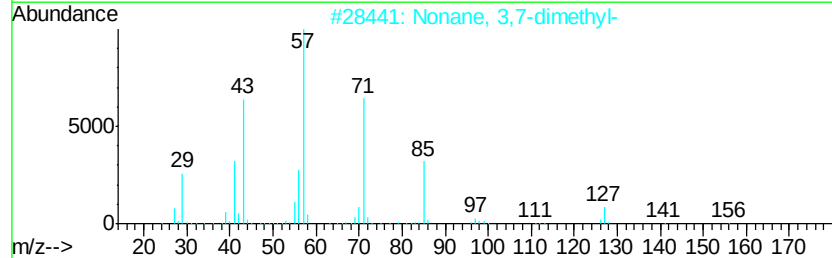
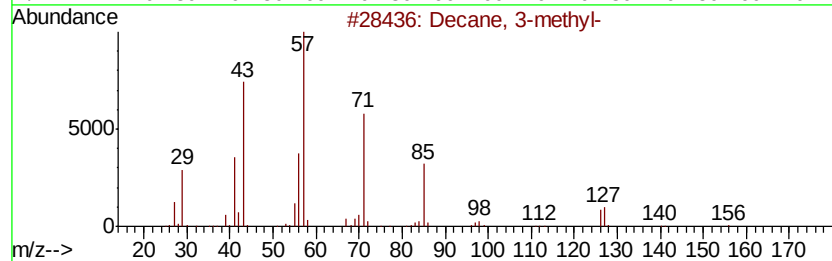
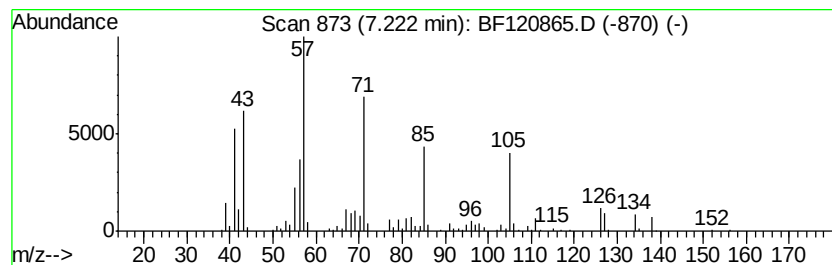
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	7.44 ng	485242	1,4-Dichlorobenzene-d4	6.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 3-methyl-	156 C11H24	013151-34-3	91
2	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	74
3	Undecane, 3-methyl-	170 C12H26	001002-43-3	59
4	Sulfurous acid, dodecyl 2-propyl...	292 C15H32O3S	1000309-12-3	53
5	1-Iodo-2-methylnonane	268 C10H21I	1000101-47-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120865.D
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ALS Vial : 11 Sample Multiplier: 1

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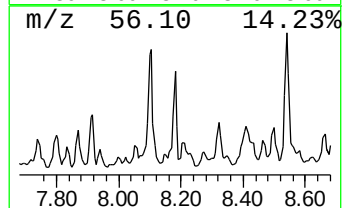
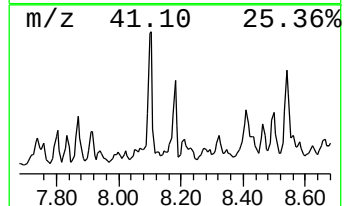
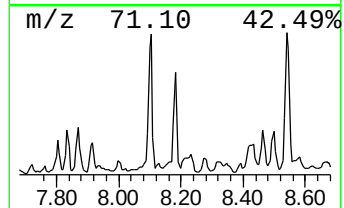
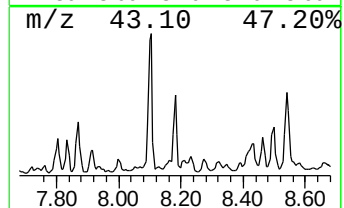
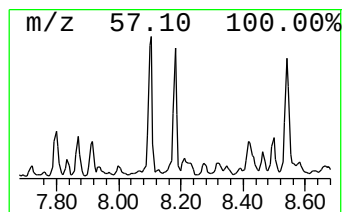
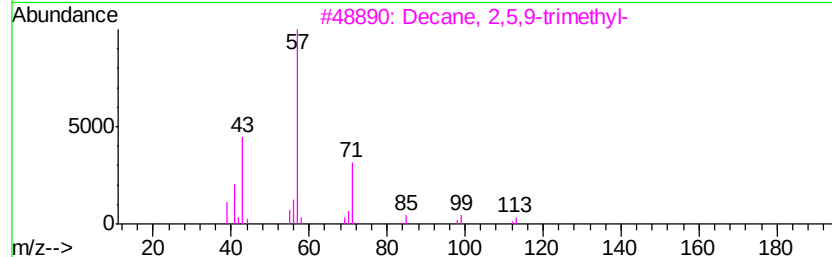
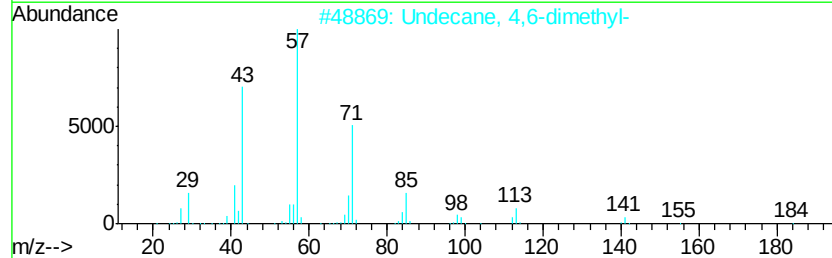
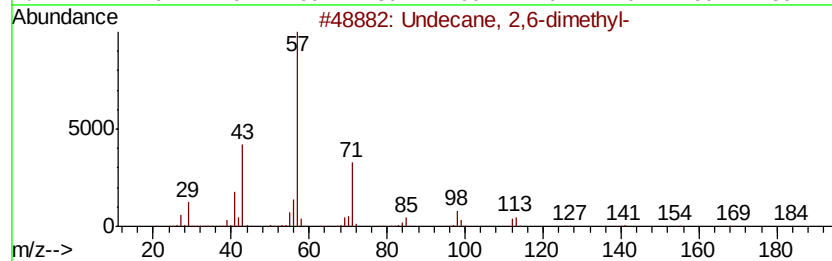
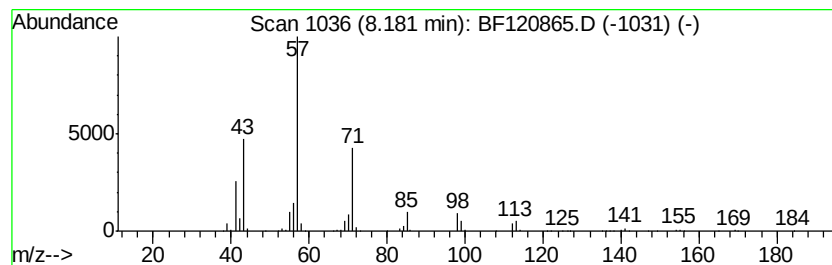
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	6.82 ng	1036330	Napthalene-d8	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93	
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	83	
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72	
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	72	
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120865.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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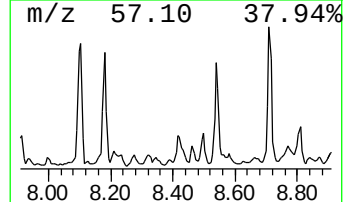
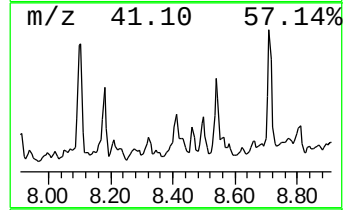
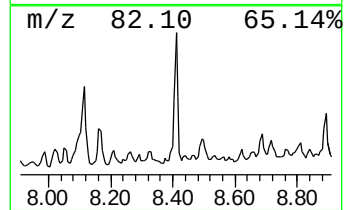
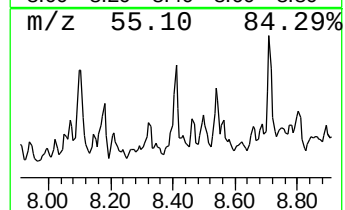
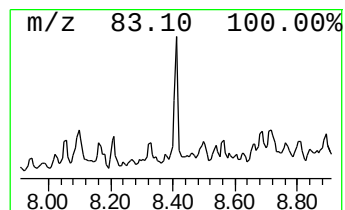
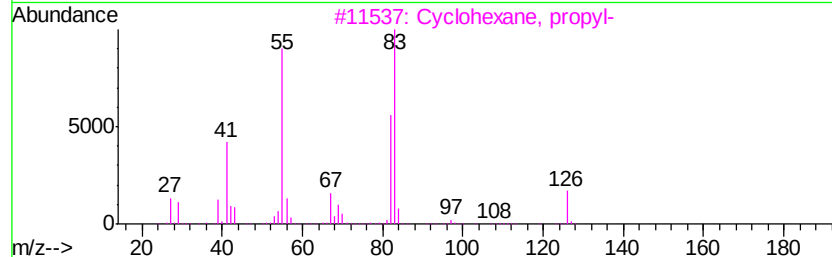
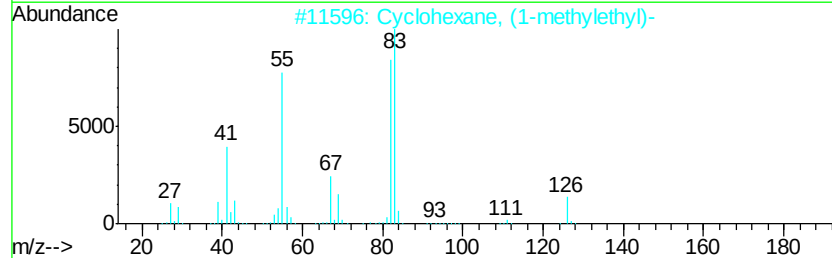
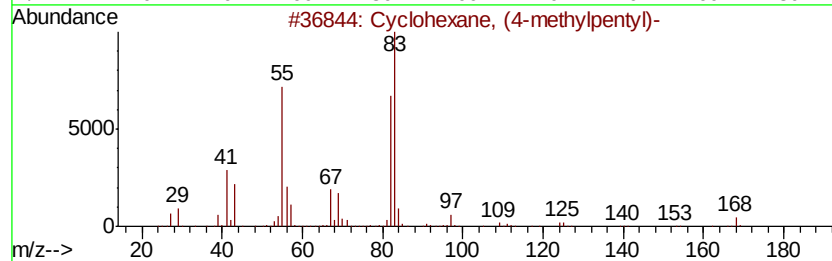
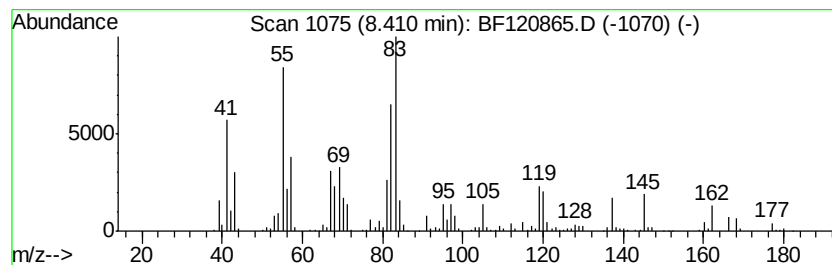
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.41 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	5.76 ng	875864	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	43
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
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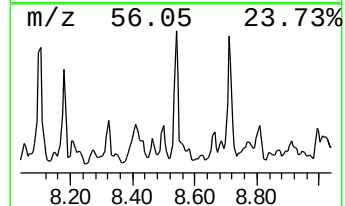
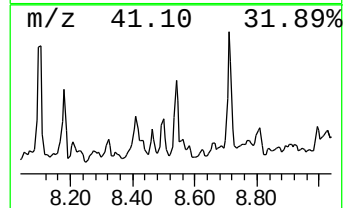
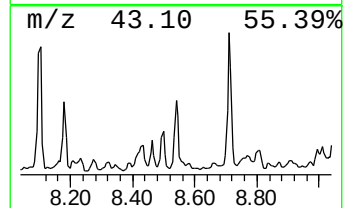
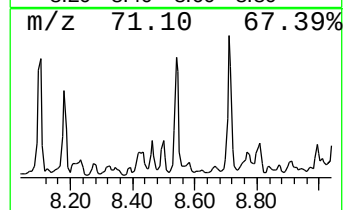
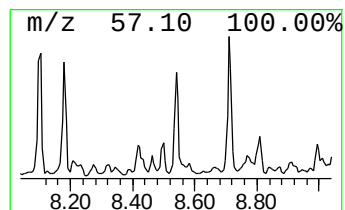
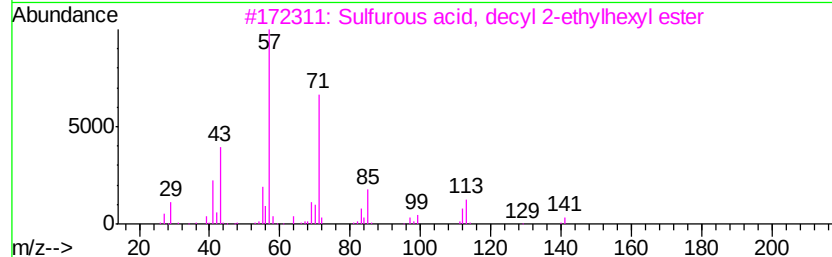
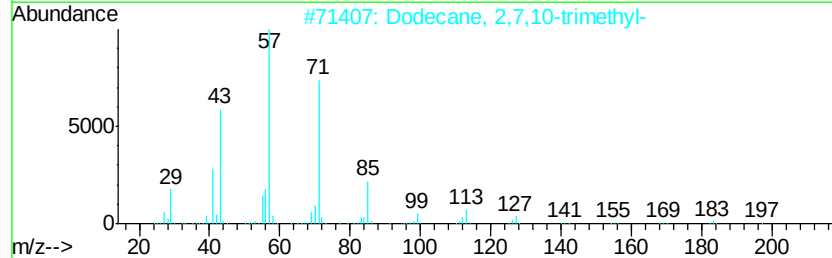
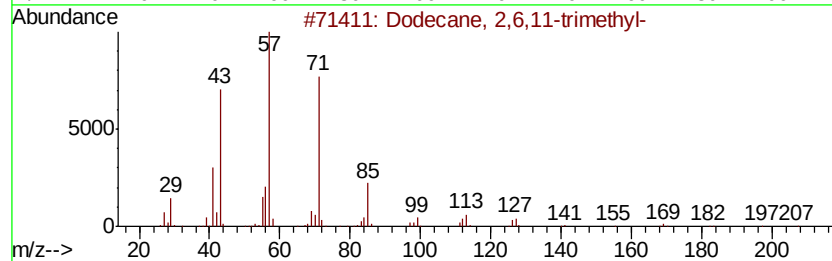
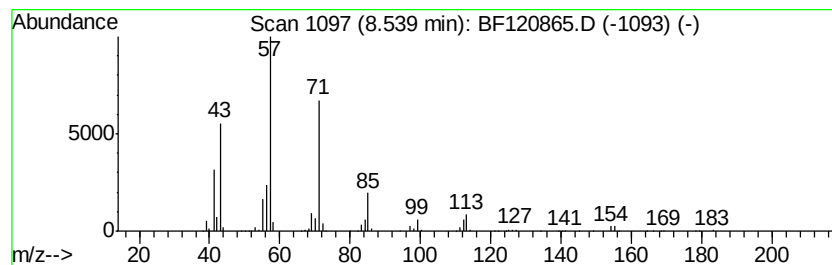
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,11-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.54	6.45 ng	980778	Napthalene-d8	8.12	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
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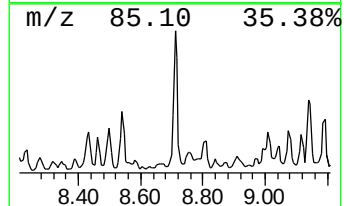
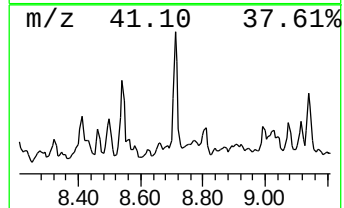
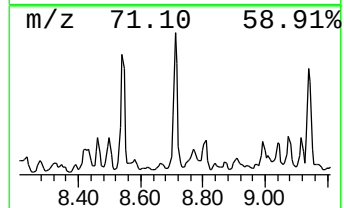
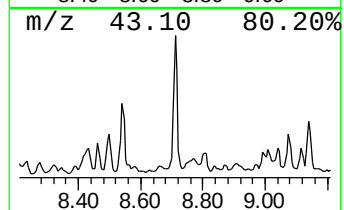
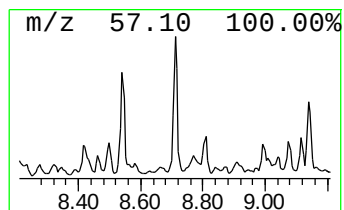
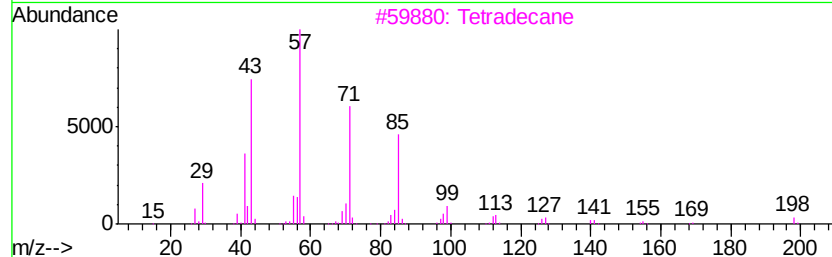
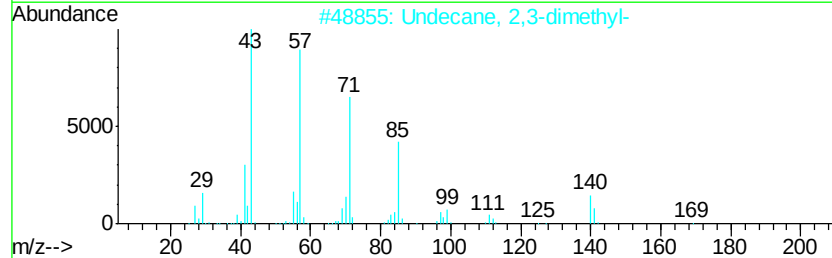
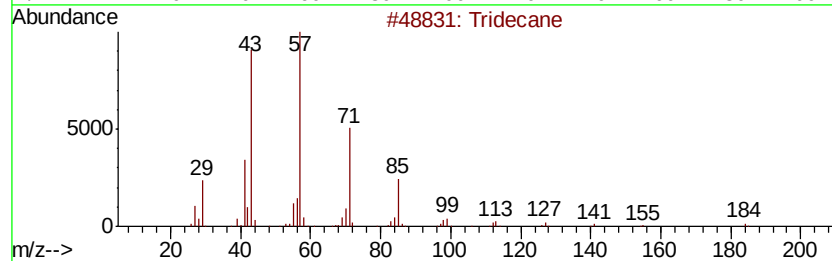
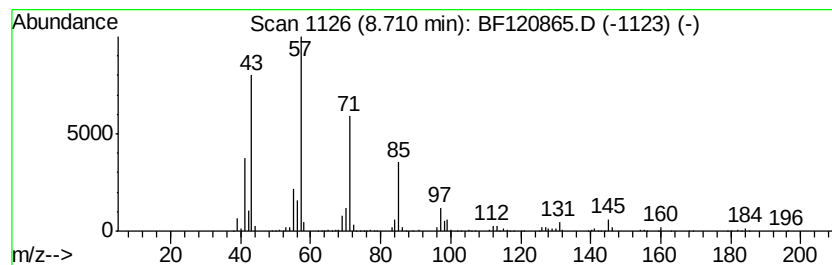
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.71	10.96 ng	1666000	Napthalene-d8	8.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
3	Tetradecane	198	C14H30	000629-59-4	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120865.D
Acq On : 14 Jul 2020 17:19
Operator : JU/CG
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-071320

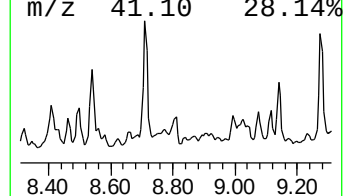
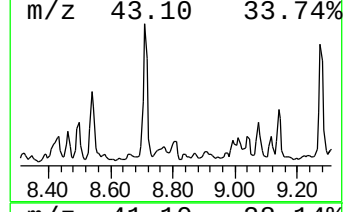
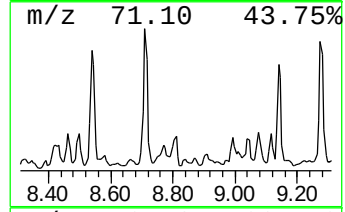
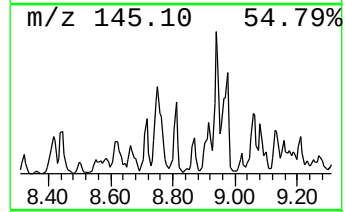
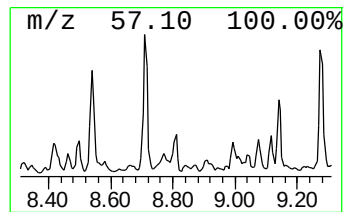
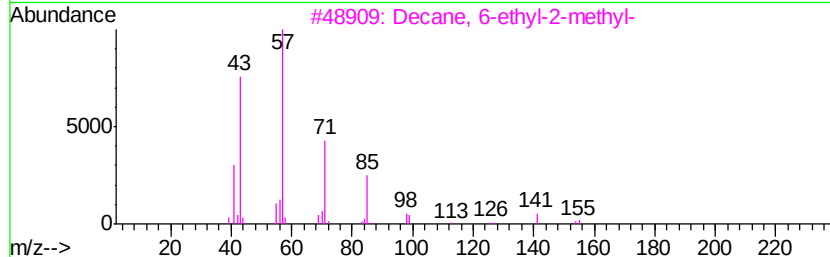
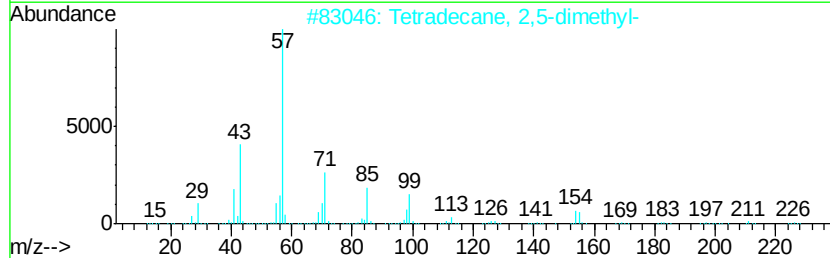
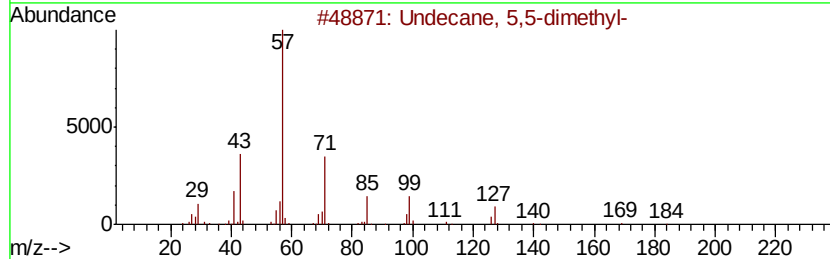
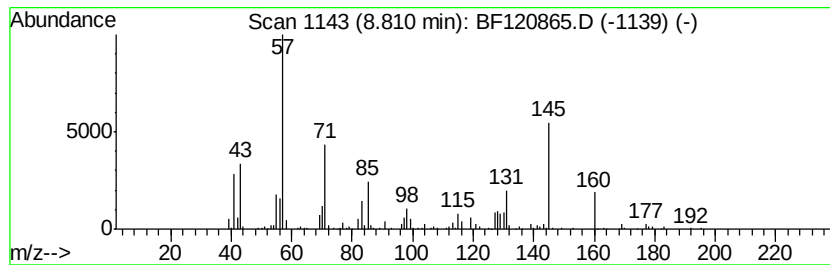
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.81 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.25 ng	646641	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	35
2		Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	35
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	35
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	35
5		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	30



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Sample : L3179-01 2X
Misc :
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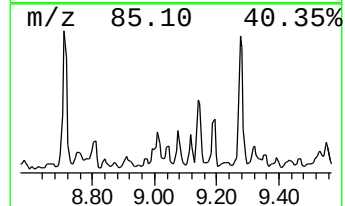
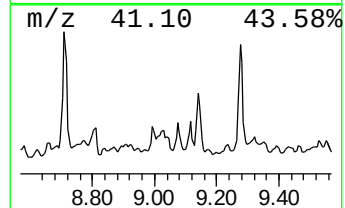
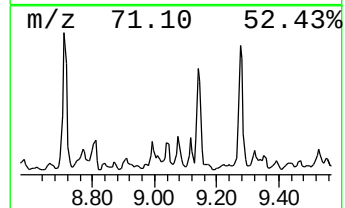
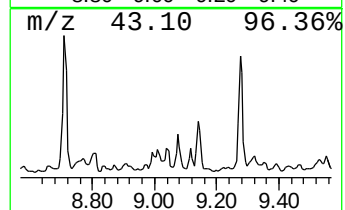
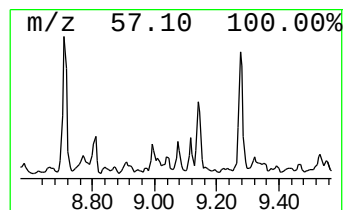
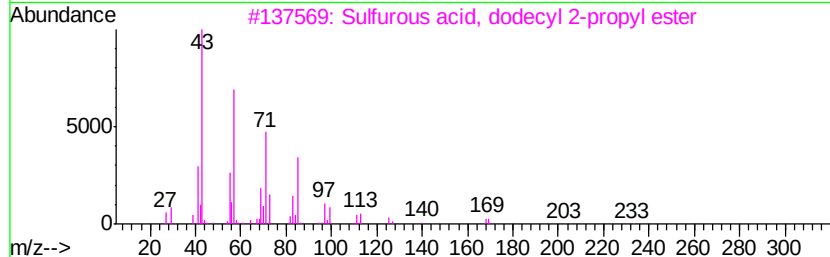
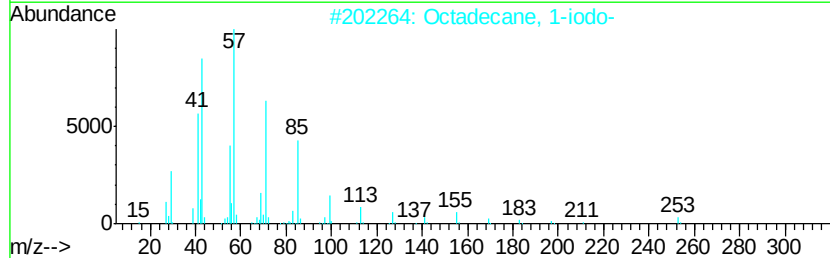
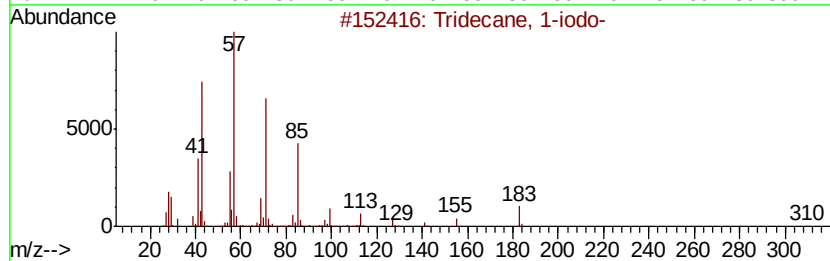
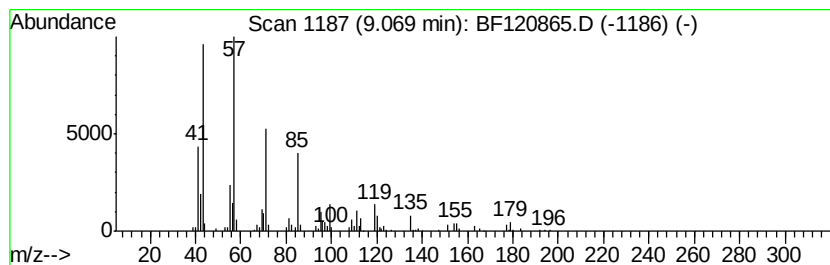
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.07	5.16 ng	446173	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
3	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	64
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
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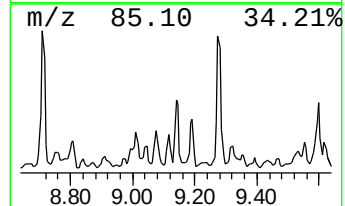
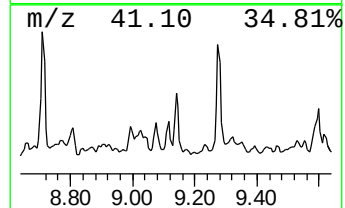
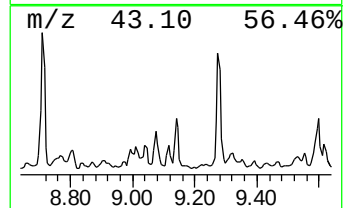
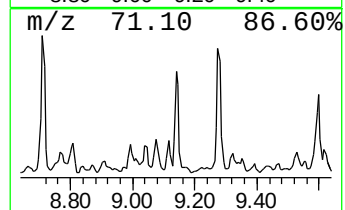
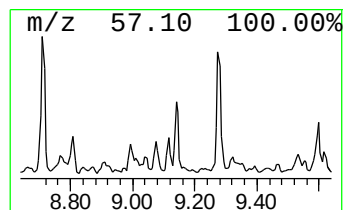
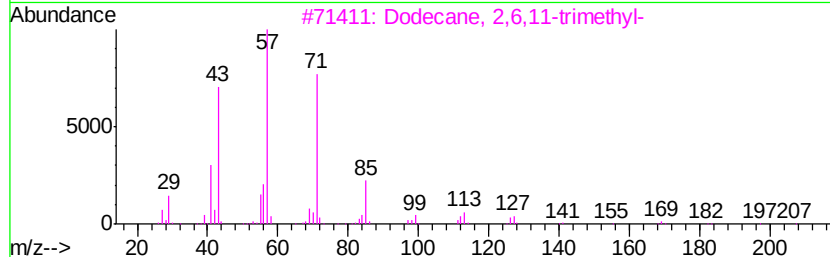
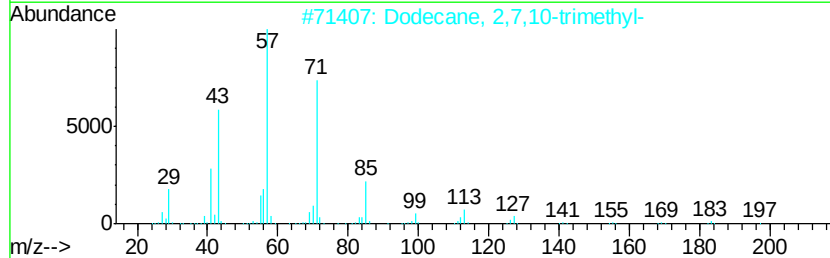
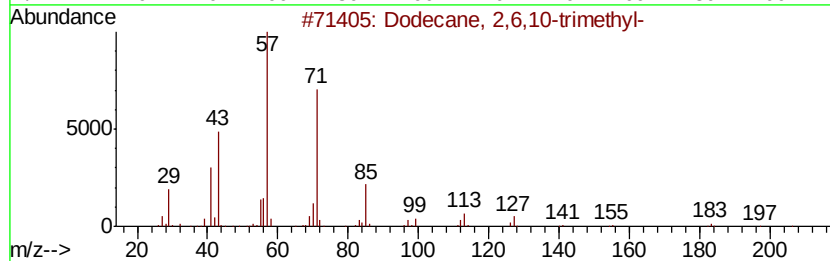
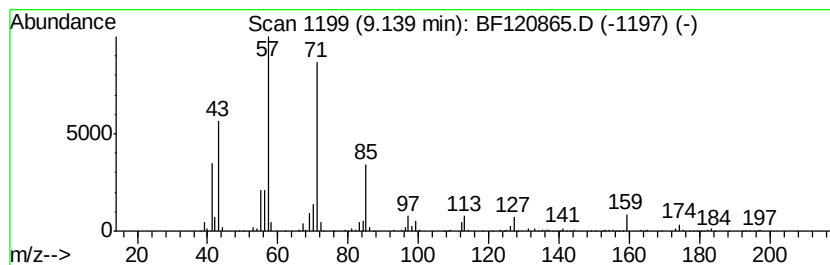
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	10.58 ng	914192	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120865.D
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Operator : JU/CG
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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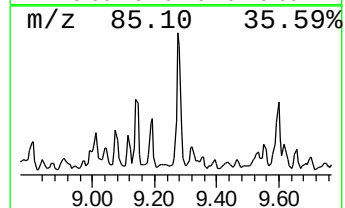
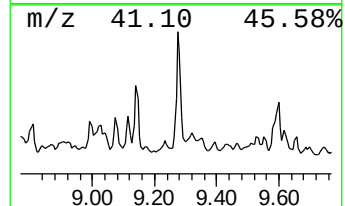
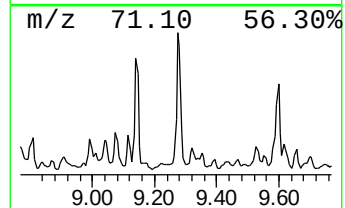
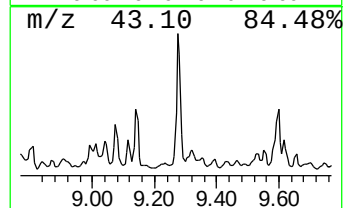
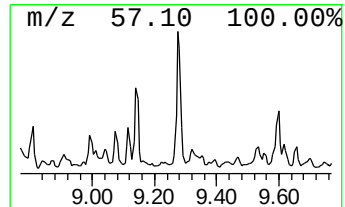
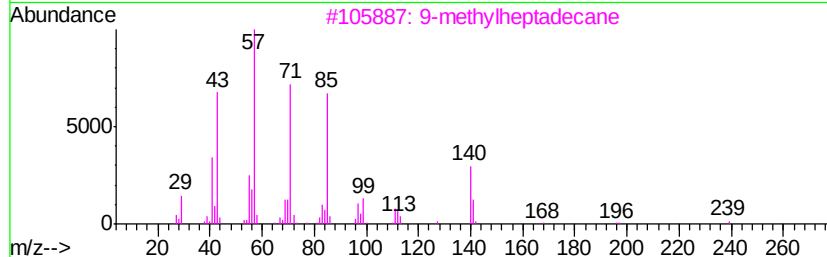
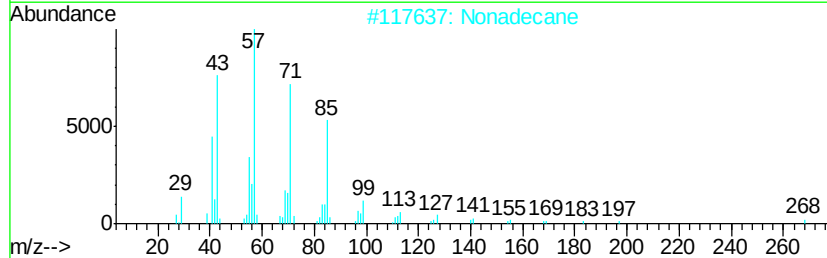
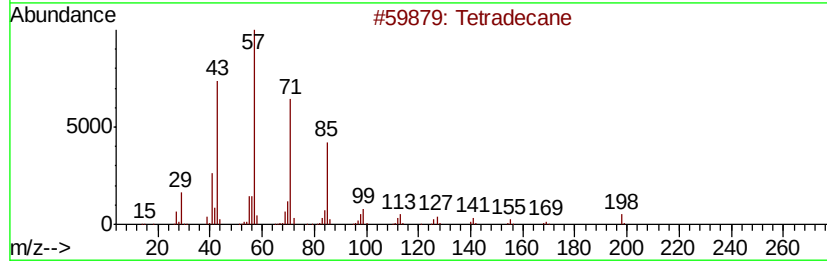
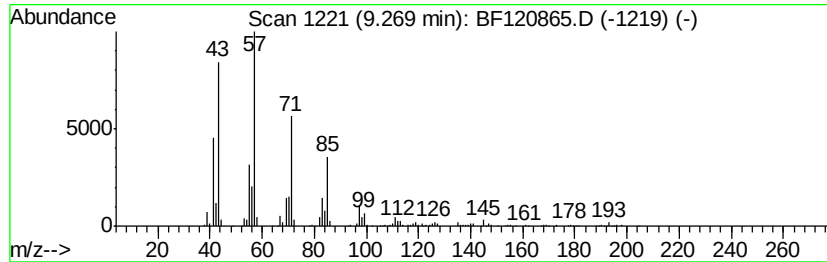
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	18.00 ng	1555730	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Nonadecane	268	C19H40	000629-92-5	86
3		9-methylheptadecane	254	C18H38	026741-18-4	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120865.D
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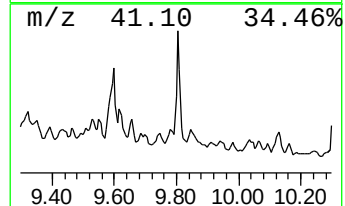
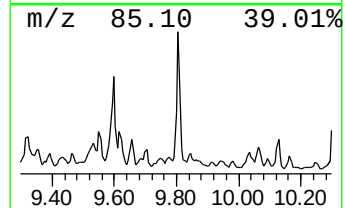
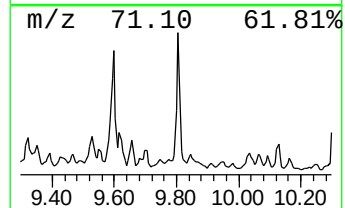
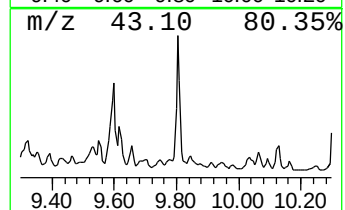
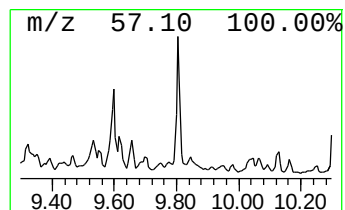
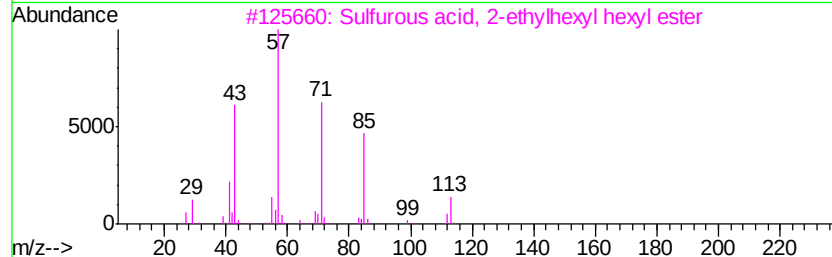
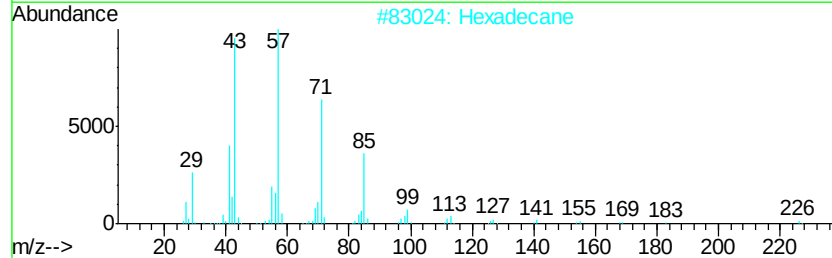
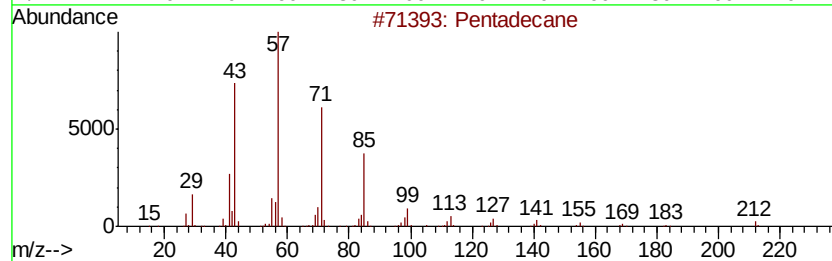
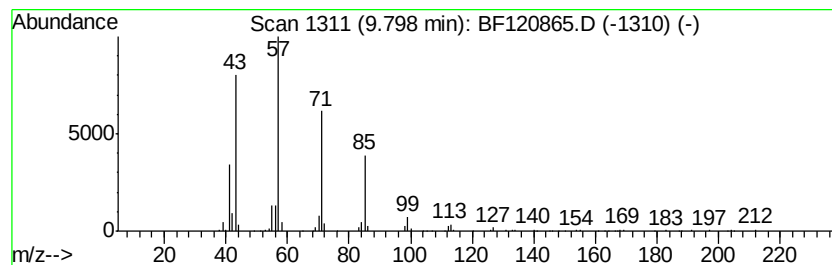
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	9.78 ng	845156	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	87
2		Hexadecane	226	C16H34	000544-76-3	83
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
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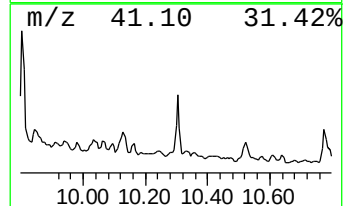
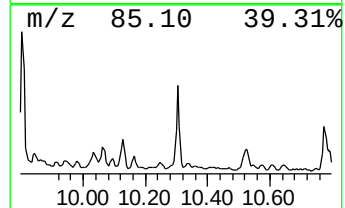
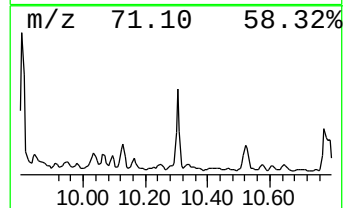
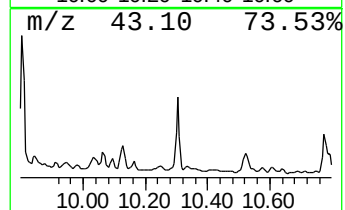
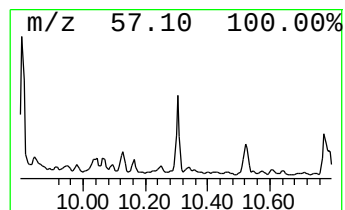
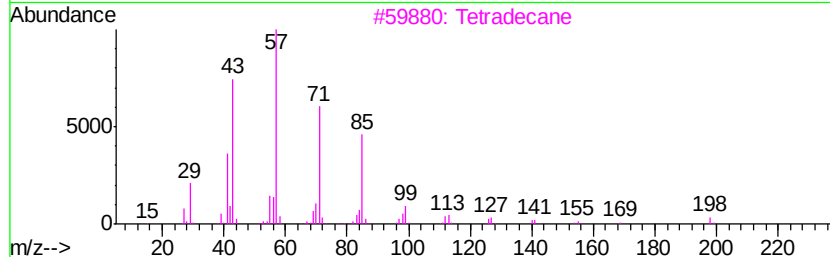
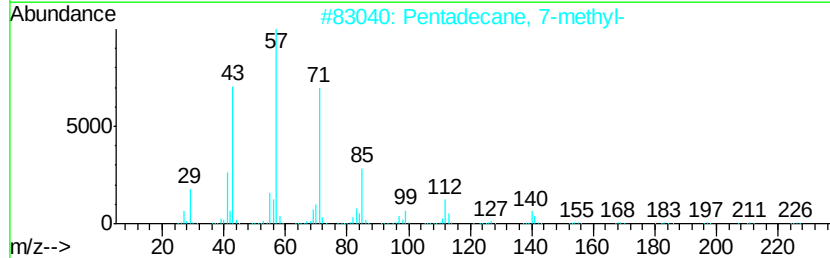
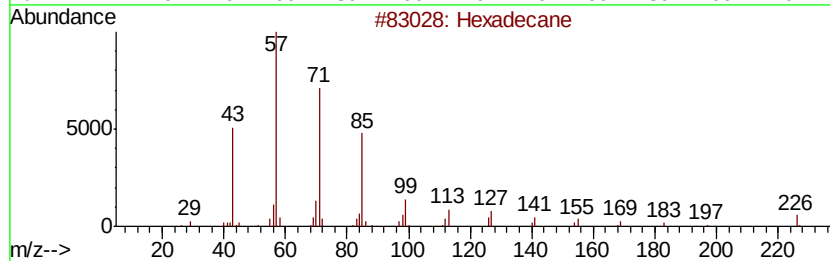
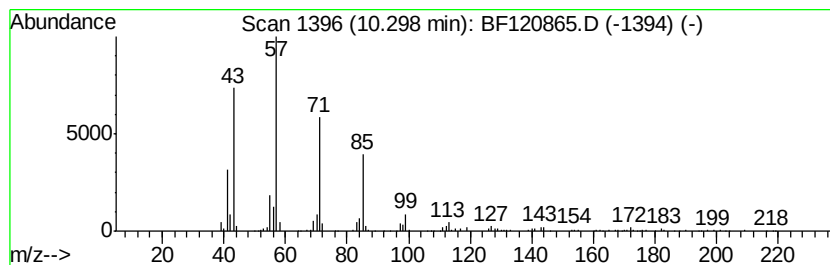
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.30	5.95 ng	514547	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
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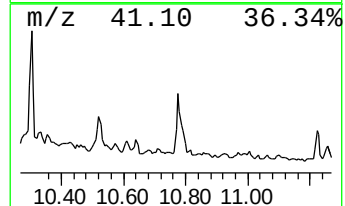
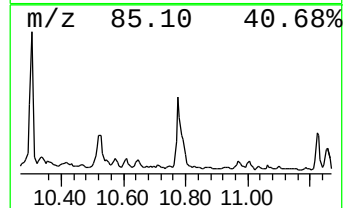
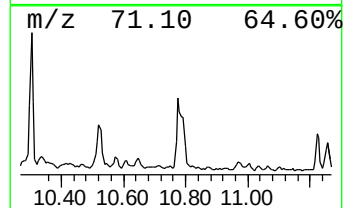
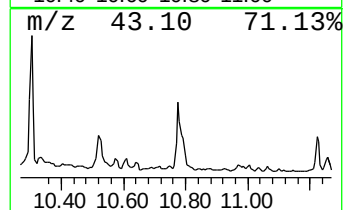
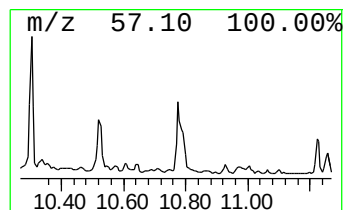
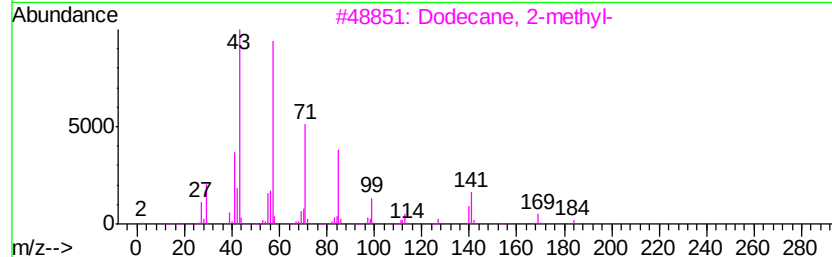
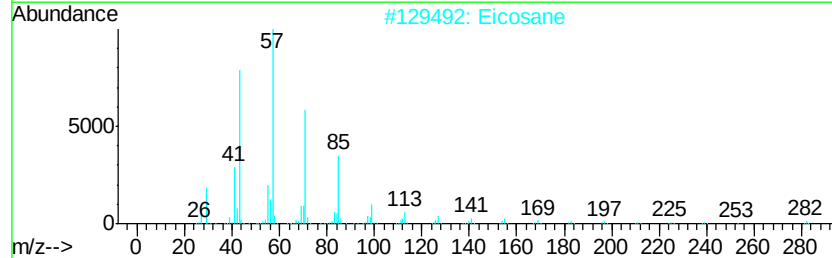
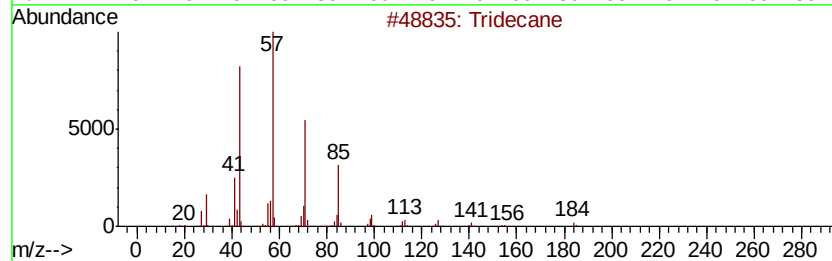
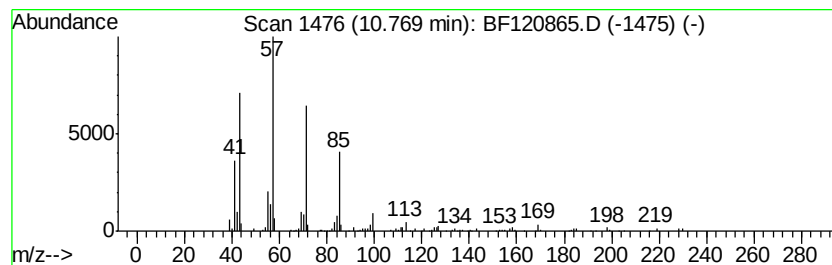
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.77	7.15 ng	477400	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
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Sample : L3179-01 2X
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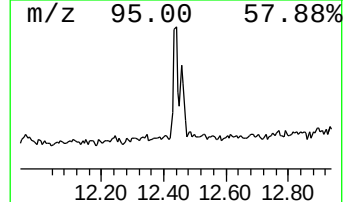
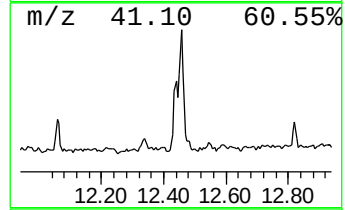
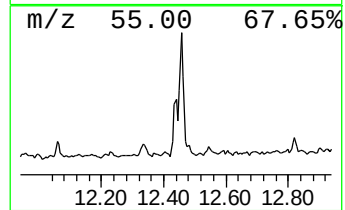
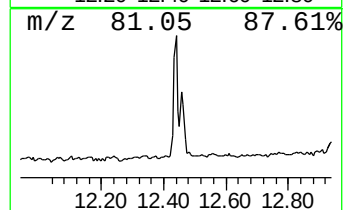
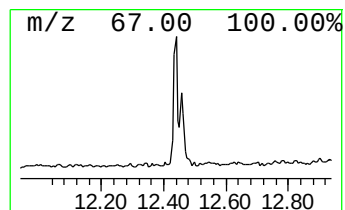
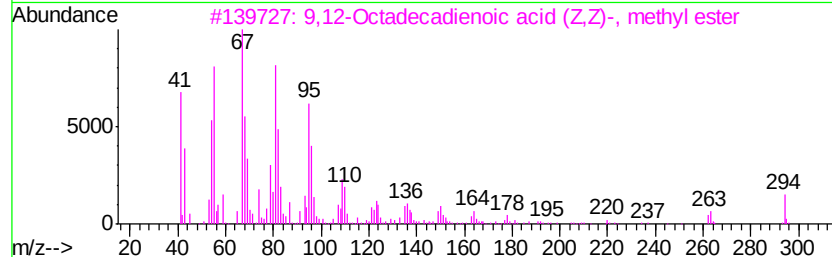
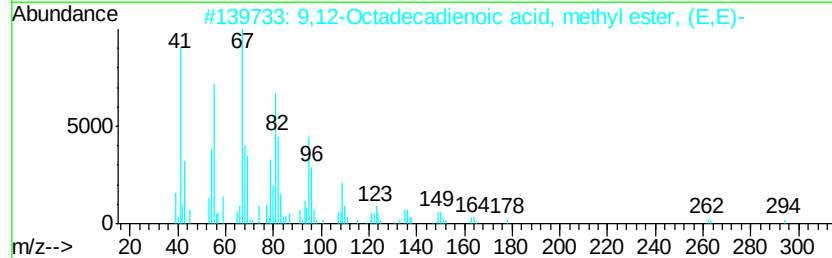
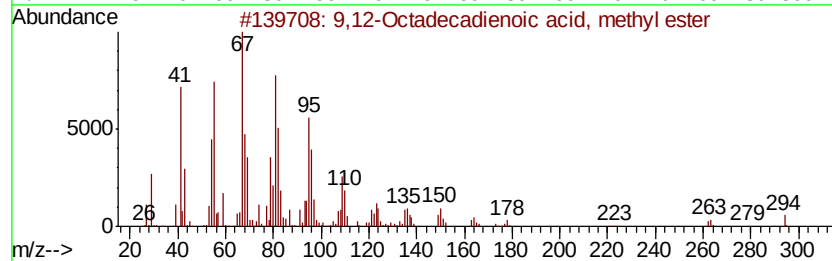
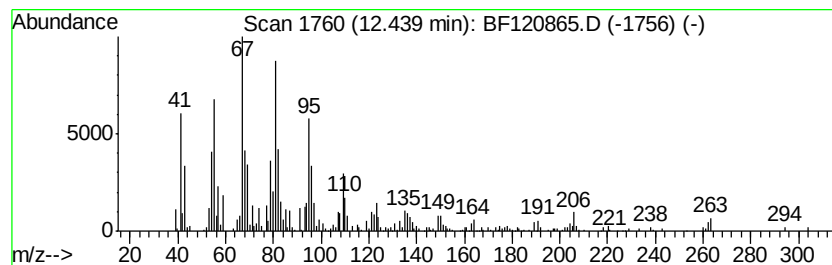
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ClientSampleId :
HR-05-071320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.44	4.10 ng	273507	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	96
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	94
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120865.D
Acq On : 14 Jul 2020 17:19
Operator : JU/CG
Sample : L3179-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

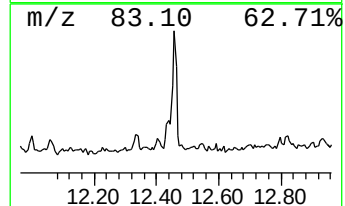
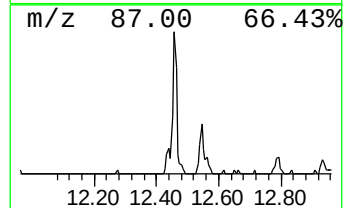
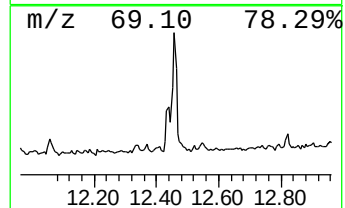
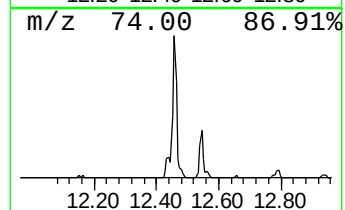
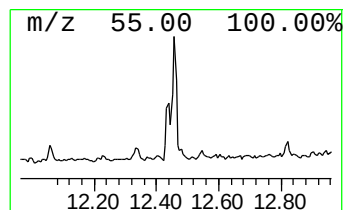
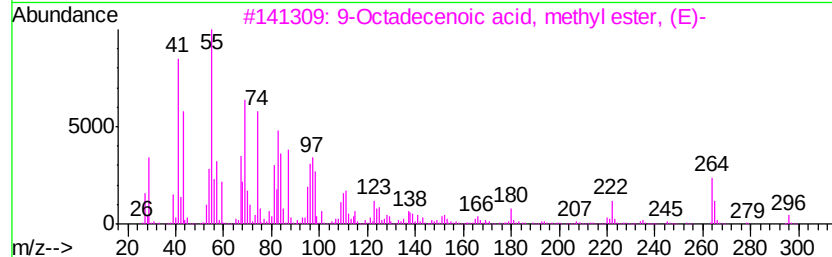
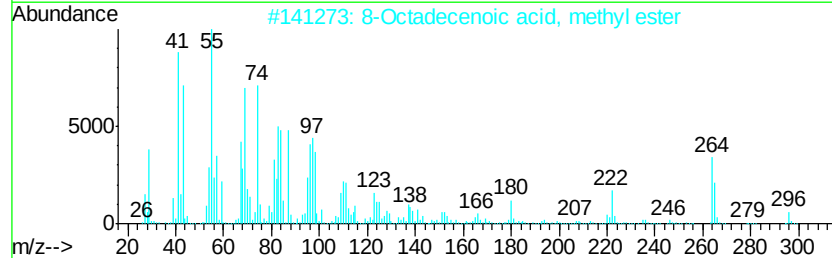
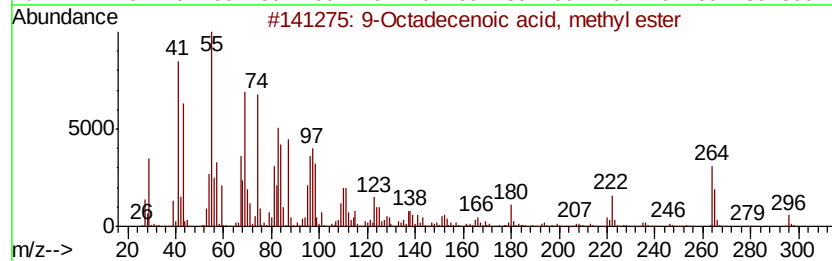
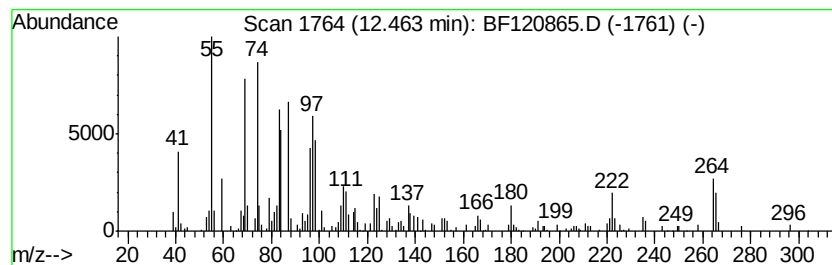
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenoic acid, methyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.46	5.18 ng	345818	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	94
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	91
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120865.D
Acq On : 14 Jul 2020 17:19
Operator : JU/CG
Sample : L3179-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

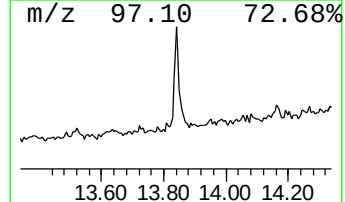
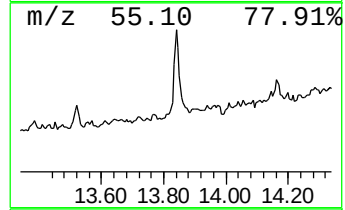
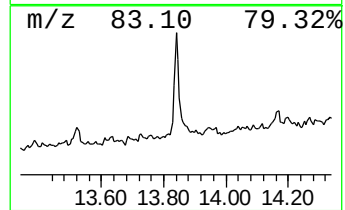
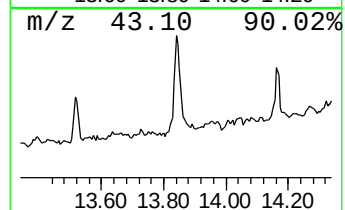
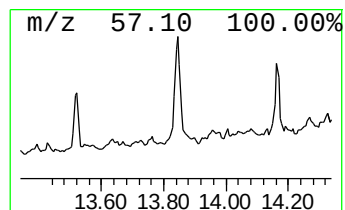
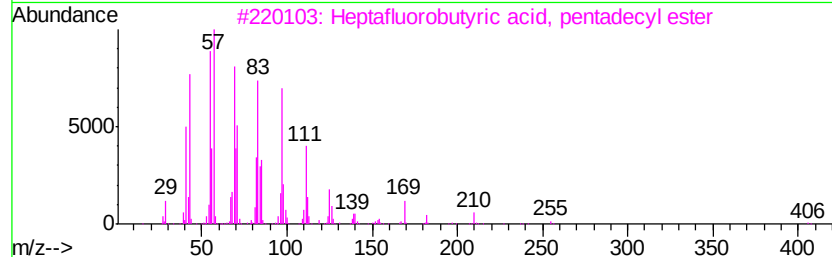
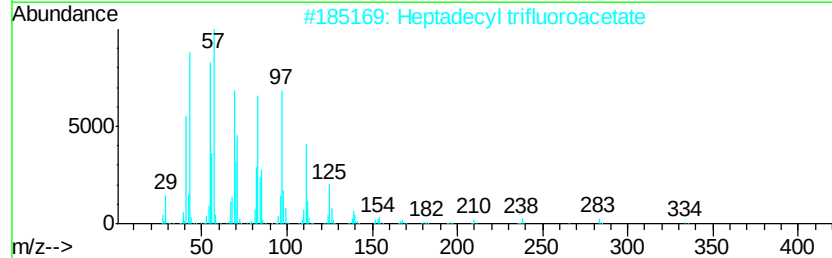
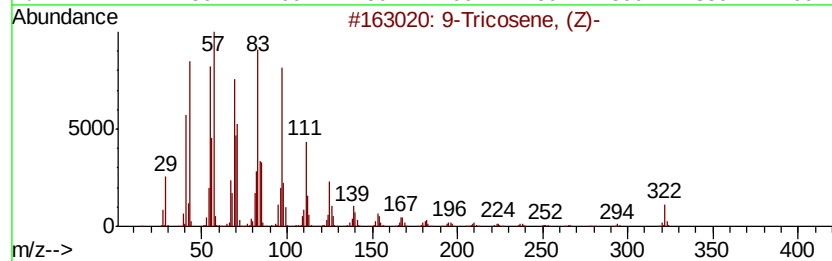
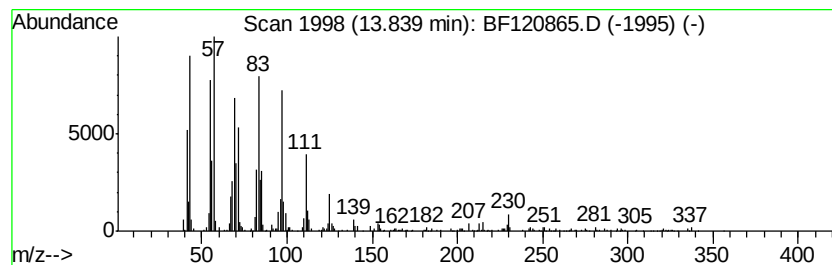
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Tricosene, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.84	5.50 ng	356869	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3	Heptafluorobutyric acid, pentadec...	424	C19H31F7O2	959261-23-5	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
Data File : BF120865.D
Acq On : 14 Jul 2020 17:19
Operator : JU/CG
Sample : L3179-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-071320

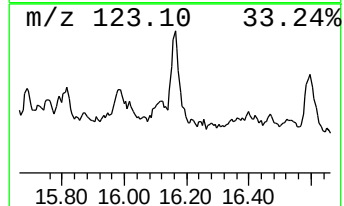
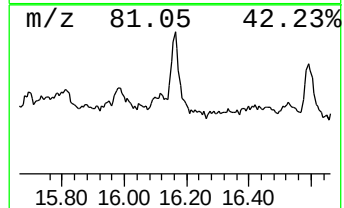
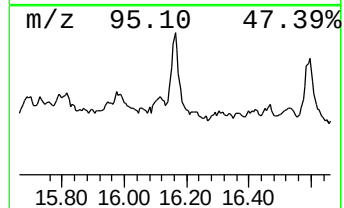
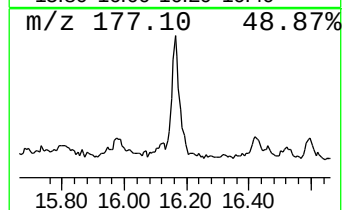
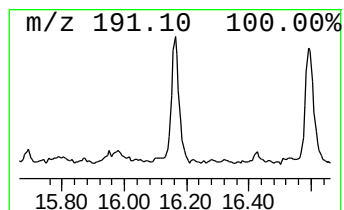
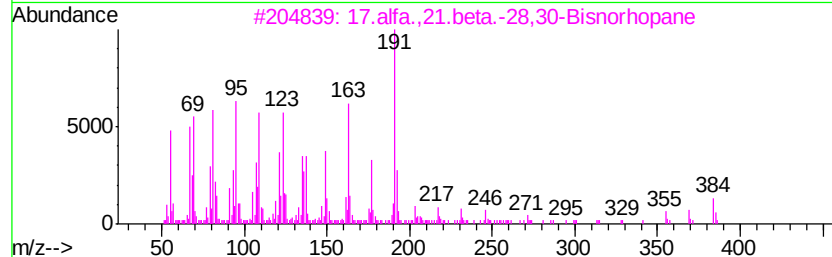
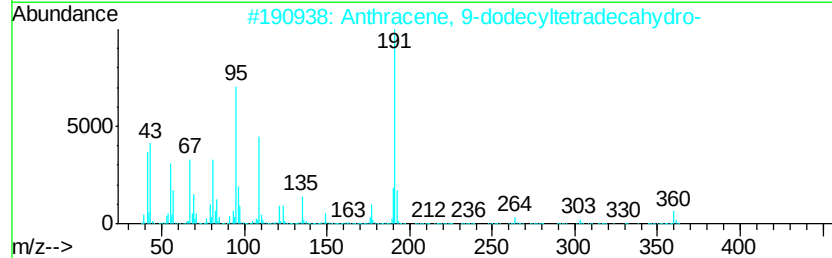
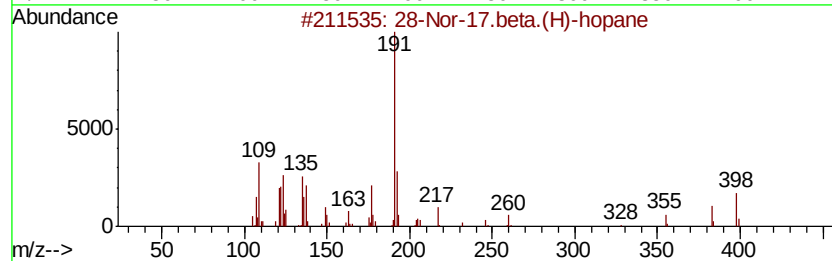
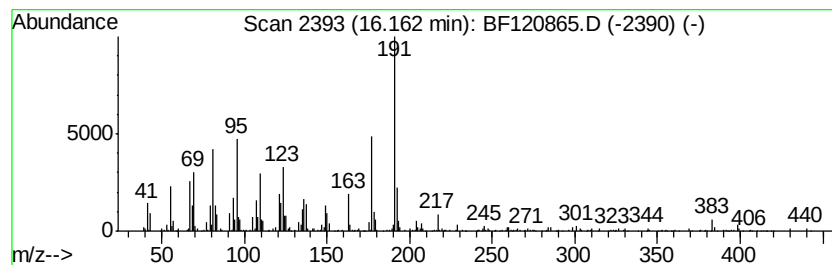
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	11.56 ng	623212	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	40
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
3		17.alfa.,21.beta.-28,30-Bisnorho...	384	C28H48	1000360-26-1	38
4		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37
5		Acetamide, N-[3-[(2,5-dioxo-1-p...	303	C16H21N3O3	027550-64-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071420\
 Data File : BF120865.D
 Acq On : 14 Jul 2020 17:19
 Operator : JU/CG
 Sample : L3179-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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
Decane	6.67	8.6 ng		563398	1	6.83	1303670	20.0
Cyclohexane, butyl-	6.98	4.1 ng		267525	1	6.83	1303670	20.0
Benzene, 1-methyl...	7.11	5.9 ng		383885	1	6.83	1303670	20.0
Nonane, 2,6-dimet...	7.14	5.3 ng		342700	1	6.83	1303670	20.0
Decane, 3-methyl-	7.22	7.4 ng		485242	1	6.83	1303670	20.0
Undecane, 2,6-dim...	8.18	6.8 ng		1036330	2	8.12	3039640	20.0
unknown8.41	8.41	5.8 ng		875864	2	8.12	3039640	20.0
Dodecane, 2,6,11-...	8.54	6.5 ng		980778	2	8.12	3039640	20.0
Undecane, 2,3-dim...	8.71	11.0 ng		1666000	2	8.12	3039640	20.0
unknown8.81	8.81	4.3 ng		646641	2	8.12	3039640	20.0
Tridecane, 1-iodo-	9.07	5.2 ng		446173	3	9.87	1728870	20.0
Dodecane, 2,6,10-...	9.14	10.6 ng		914192	3	9.87	1728870	20.0
Tetradecane	9.27	18.0 ng		1555730	3	9.87	1728870	20.0
Pentadecane	9.80	9.8 ng		845156	3	9.87	1728870	20.0
Hexadecane	10.30	6.0 ng		514547	3	9.87	1728870	20.0
Tridecane	10.77	7.2 ng		477400	4	11.35	1334630	20.0
9,12-Octadecadien...	12.44	4.1 ng		273507	4	11.35	1334630	20.0
9-Octadecenoic ac...	12.46	5.2 ng		345818	4	11.35	1334630	20.0
9-Tricosene, (Z)-	13.84	5.5 ng		356869	5	13.99	1298760	20.0
unknown16.16	16.16	11.6 ng		623212	6	15.45	1078520	20.0