

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
 Data File : BF122553.D
 Acq On : 4 Dec 2020 19:11
 Operator : JU/CG
 Sample : L4939-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-12320

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BF110920.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122553.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	569	575	578	rBV	3641126	3448145	71.09%	3.456%
2	6.381	727	730	733	rBV2	288417	297061	6.12%	0.298%
3	6.445	737	741	743	rBV2	202911	260408	5.37%	0.261%
4	6.481	743	747	752	rVV	3454201	3597565	74.17%	3.606%
5	6.592	762	766	771	rBV3	147026	273092	5.63%	0.274%
6	6.687	778	782	785	rBV	1439209	1187691	24.49%	1.191%
7	6.845	806	809	811	rVV	1145174	1036446	21.37%	1.039%
8	6.863	811	812	817	rVB2	544769	390083	8.04%	0.391%
9	6.904	817	819	824	rBV2	327201	342297	7.06%	0.343%
10	6.998	832	835	839	rBV2	487893	460228	9.49%	0.461%
11	7.128	854	857	860	rVB	748265	680139	14.02%	0.682%
12	7.169	860	864	866	rBV2	488479	678038	13.98%	0.680%
13	7.192	866	868	871	rVB2	527405	436375	9.00%	0.437%
14	7.239	873	876	880	rBV2	787345	784677	16.18%	0.787%
15	7.410	896	905	907	rBV2	2554062	3182159	65.61%	3.190%
16	7.451	909	912	915	rVB	3176203	2579006	53.17%	2.585%
17	7.498	915	920	923	rVB4	600676	825468	17.02%	0.827%
18	7.534	923	926	928	rBV2	306697	405984	8.37%	0.407%
19	7.563	928	931	934	rVB2	372683	366896	7.56%	0.368%
20	7.657	940	947	950	rVB3	556703	1209062	24.93%	1.212%
21	7.739	957	961	962	rBV2	278294	323235	6.66%	0.324%
22	7.757	962	964	966	rVV	486316	417059	8.60%	0.418%
23	7.775	966	967	971	rVB3	447963	441356	9.10%	0.442%
24	7.822	971	975	977	rVB3	697906	838277	17.28%	0.840%
25	7.851	977	980	982	rBV3	862226	774689	15.97%	0.777%
26	7.886	982	986	991	rVB4	970979	1564929	32.26%	1.569%
27	7.933	991	994	996	rBV2	597687	639027	13.17%	0.641%
28	7.969	999	1000	1003	rVB	457166	358446	7.39%	0.359%
29	8.004	1003	1006	1010	rBV2	383442	463461	9.56%	0.465%
30	8.086	1015	1020	1022	rBV3	417019	693759	14.30%	0.695%
31	8.122	1022	1026	1031	rVV2	4266256	4850389	100.00%	4.862%
32	8.198	1034	1039	1041	rVB2	1818432	1827118	37.67%	1.831%
33	8.228	1041	1044	1046	rBV2	478727	457150	9.43%	0.458%
34	8.292	1051	1055	1056	rBV3	368614	410883	8.47%	0.412%
35	8.333	1060	1062	1066	rVB2	556098	633796	13.07%	0.635%
36	8.375	1066	1069	1071	rBV3	208208	225782	4.65%	0.226%

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Integrator: RTE

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Max Peaks: 100

Stop Thrs : 0

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.428	1073	1078	1085	rVB6	1167335	1785416	36.81%	1.790%
38	8.481	1085	1087	1090	rVB3	772128	661083	13.63%	0.663%
39	8.516	1090	1093	1096	rBV3	1189574	1119995	23.09%	1.123%
40	8.557	1096	1100	1102	rBV	1871132	1894895	39.07%	1.899%
41	8.581	1102	1104	1105	rVB	337558	225417	4.65%	0.226%
42	8.598	1105	1107	1110	rVB3	481792	421944	8.70%	0.423%
43	8.639	1111	1114	1117	rVB2	1201520	974316	20.09%	0.977%
44	8.681	1117	1121	1123	rBV3	451089	527052	10.87%	0.528%
45	8.733	1126	1130	1133	rBV	4062398	4011446	82.70%	4.021%
46	8.792	1137	1140	1143	rVB2	596272	532454	10.98%	0.534%
47	8.828	1143	1146	1148	rVB2	896943	878494	18.11%	0.881%
48	8.928	1158	1163	1164	rBV5	286843	481097	9.92%	0.482%
49	8.957	1166	1168	1171	rVB	916511	708482	14.61%	0.710%
50	9.010	1175	1177	1179	rBV3	561360	519120	10.70%	0.520%
51	9.092	1187	1191	1195	rVB3	991309	1232964	25.42%	1.236%
52	9.133	1195	1198	1200	rVV	814596	666626	13.74%	0.668%
53	9.157	1200	1202	1207	rVV2	1780917	1845080	38.04%	1.849%
54	9.210	1207	1211	1214	rVV	4252702	3662897	75.52%	3.672%
55	9.251	1216	1218	1220	rVB2	304931	228685	4.71%	0.229%
56	9.298	1221	1226	1229	rBV	4035572	4200062	86.59%	4.210%
57	9.333	1229	1232	1234	rVV3	478033	710168	14.64%	0.712%
58	9.363	1234	1237	1240	rVV2	861674	1001915	20.66%	1.004%
59	9.480	1256	1257	1260	rVB3	373643	232562	4.79%	0.233%
60	9.527	1262	1265	1266	rVV2	354899	375575	7.74%	0.376%
61	9.545	1266	1268	1270	rVV2	733604	718151	14.81%	0.720%
62	9.569	1270	1272	1275	rVV2	804787	686992	14.16%	0.689%
63	9.616	1275	1280	1282	rVV2	1770755	2523842	52.03%	2.530%
64	9.633	1282	1283	1286	rVV2	985970	741008	15.28%	0.743%
65	9.669	1286	1289	1292	rVB2	797989	691557	14.26%	0.693%
66	9.822	1312	1315	1319	rVB	3203068	2656082	54.76%	2.662%
67	9.863	1319	1322	1323	rVV3	339496	329130	6.79%	0.330%
68	9.886	1323	1326	1329	rVB	1474011	1395701	28.78%	1.399%
69	9.992	1342	1344	1349	rVB3	248013	255568	5.27%	0.256%
70	10.051	1351	1354	1357	rVV2	338439	516550	10.65%	0.518%
71	10.080	1357	1359	1362	rVV2	408642	504217	10.40%	0.505%
72	10.139	1366	1369	1373	rVV4	507627	740670	15.27%	0.742%
73	10.204	1378	1380	1383	rBV3	201888	251206	5.18%	0.252%
74	10.322	1397	1400	1402	rVB	1964494	1520321	31.34%	1.524%
75	10.375	1407	1409	1415	rVB4	190238	253116	5.22%	0.254%
76	10.433	1415	1419	1421	rBV2	198675	275528	5.68%	0.276%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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77	10.539	1432	1437	1443	rBV	534920	711244	14.66%	0.713%
78	10.674	1455	1460	1464	rBV	2128901	1920076	39.59%	1.925%
79	10.792	1477	1480	1489	rVB	1183393	1354734	27.93%	1.358%
80	11.239	1553	1556	1559	rVV	636748	522739	10.78%	0.524%
81	11.269	1559	1561	1566	rVB	290653	293822	6.06%	0.295%
82	11.374	1575	1579	1581	rBV	1253156	1241113	25.59%	1.244%
83	11.392	1581	1582	1585	rVV	766381	614410	12.67%	0.616%
84	11.445	1589	1591	1595	rVV	302420	253437	5.23%	0.254%
85	11.663	1625	1628	1631	rBV	329068	277957	5.73%	0.279%
86	12.468	1759	1765	1769	rVV4	607093	982879	20.26%	0.985%
87	12.586	1782	1785	1788	rVB	930102	804235	16.58%	0.806%
88	12.810	1818	1823	1826	rVV	793018	946360	19.51%	0.949%
89	12.957	1844	1848	1856	rVB	3603438	3493724	72.03%	3.502%
90	14.010	2022	2027	2030	rBV2	1394181	1631449	33.64%	1.635%
91	14.033	2030	2031	2034	rVB	389127	305921	6.31%	0.307%
92	14.486	2105	2108	2111	rVB2	213467	221441	4.57%	0.222%
93	14.792	2157	2160	2163	rBV	241169	233635	4.82%	0.234%
94	15.051	2200	2204	2207	rBV	414418	609883	12.57%	0.611%
95	15.127	2214	2217	2220	rBV	219245	233312	4.81%	0.234%
96	15.415	2263	2266	2269	rBV	315983	354588	7.31%	0.355%
97	15.480	2273	2277	2280	rBV	930850	1132589	23.35%	1.135%
98	15.509	2280	2282	2289	rVB2	317793	380412	7.84%	0.381%
99	15.633	2299	2303	2309	rBV6	167290	277421	5.72%	0.278%
100	16.186	2394	2397	2407	rVB	358937	649010	13.38%	0.651%

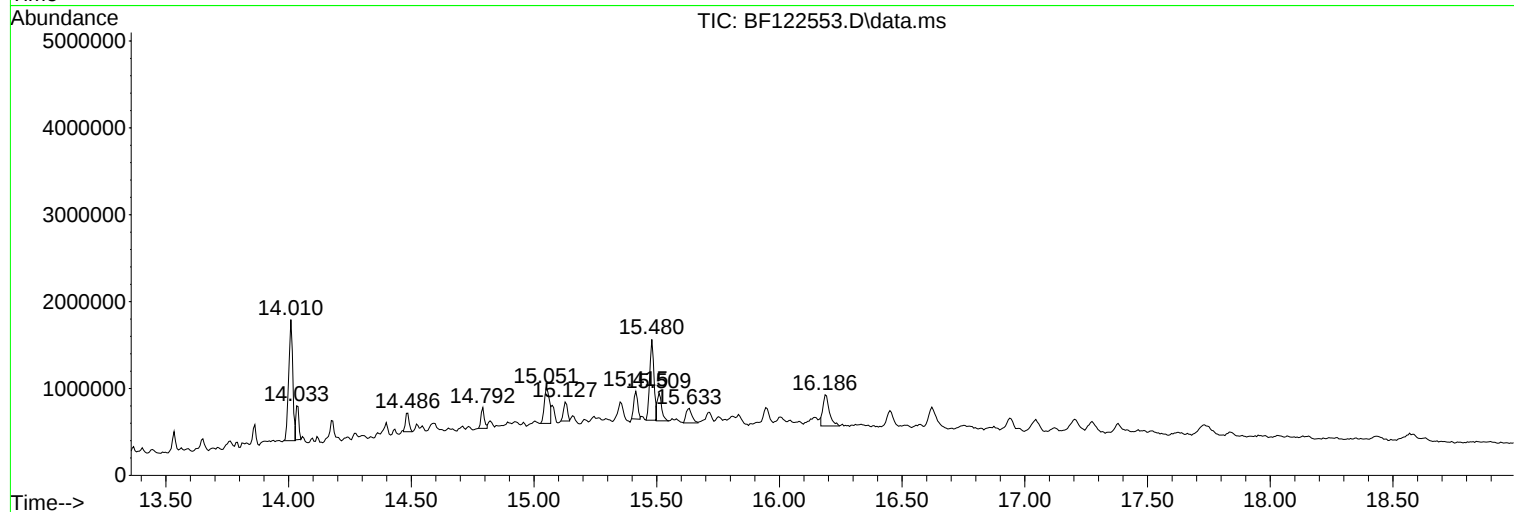
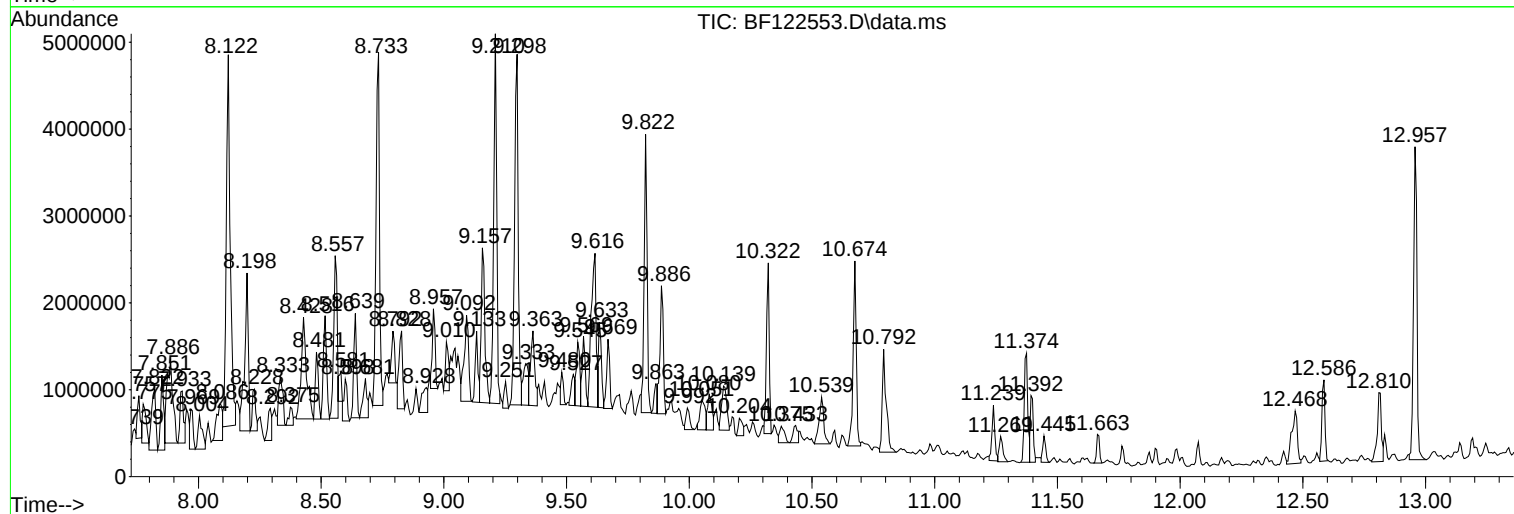
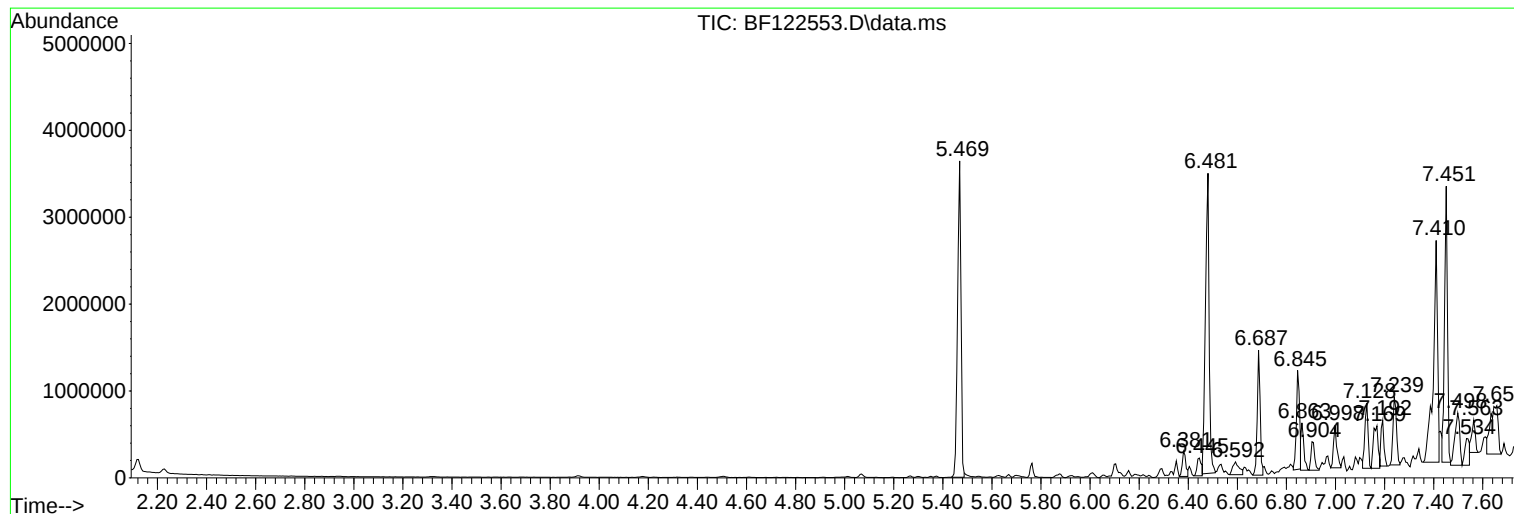
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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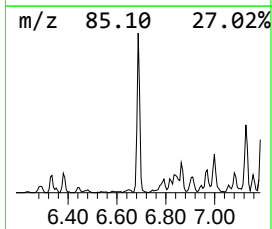
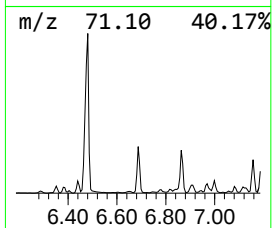
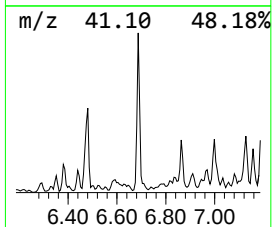
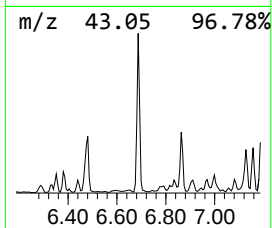
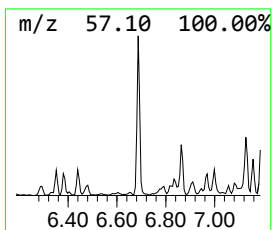
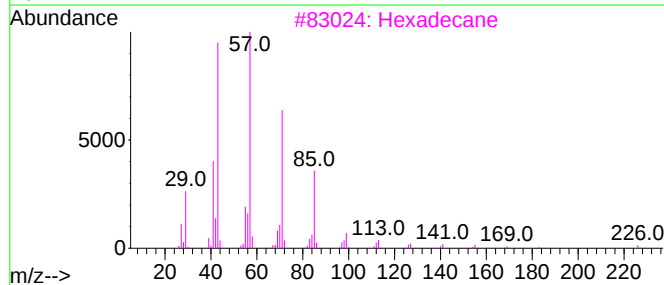
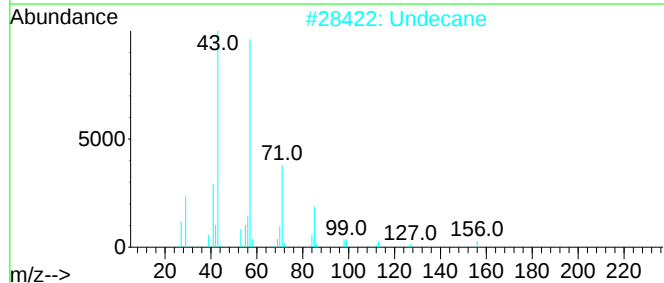
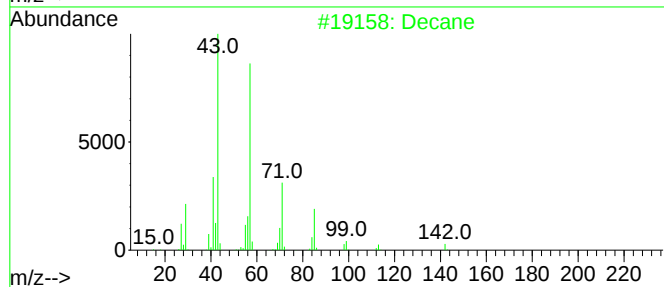
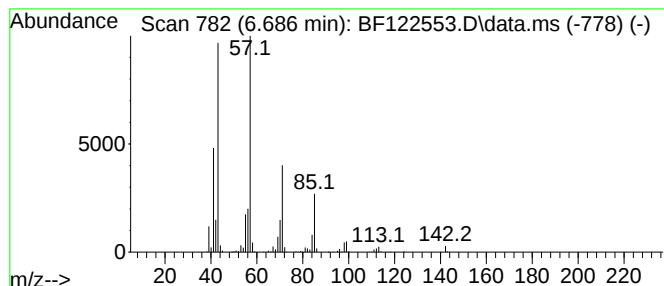
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.686	22.92 ng	1187690	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Undecane	156	C11H24	001120-21-4	83
3			Hexadecane	226	C16H34	000544-76-3	78
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	74
5			Tridecane	184	C13H28	000629-50-5	72



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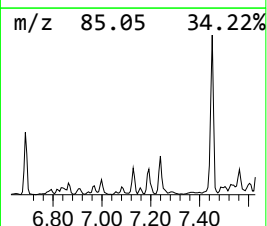
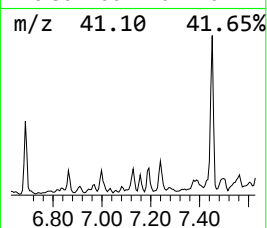
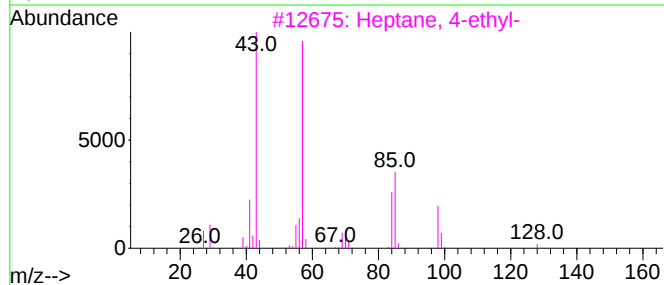
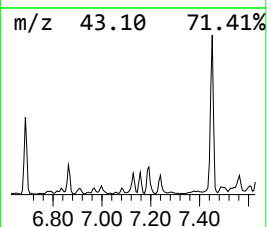
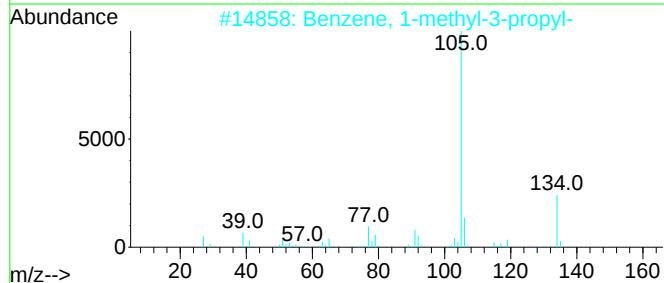
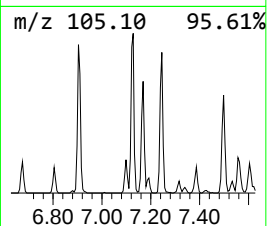
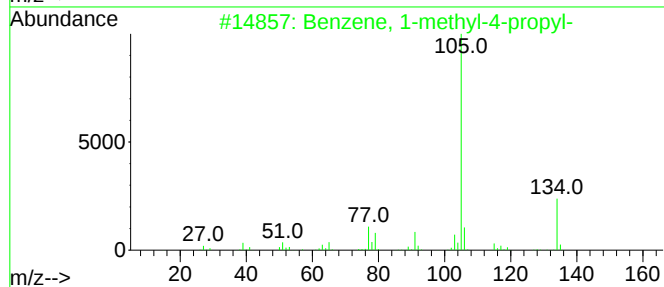
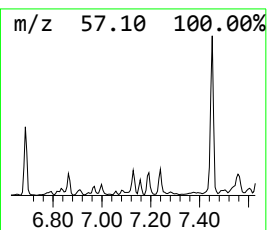
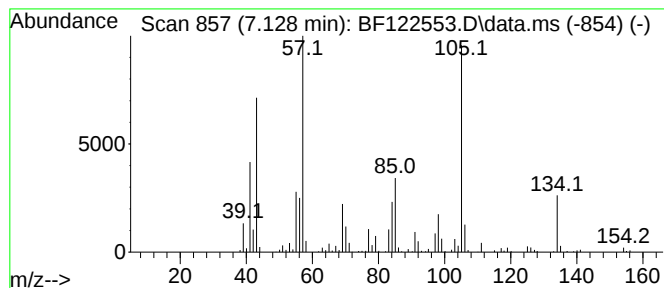
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.128	13.12 ng	680139	1,4-Dichlorobenzene-d4	6.845

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	38
3			Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	30



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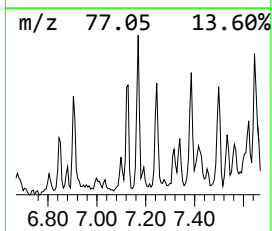
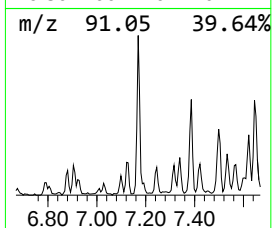
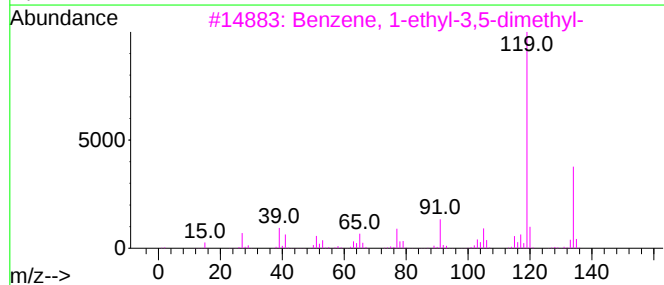
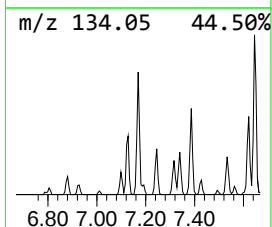
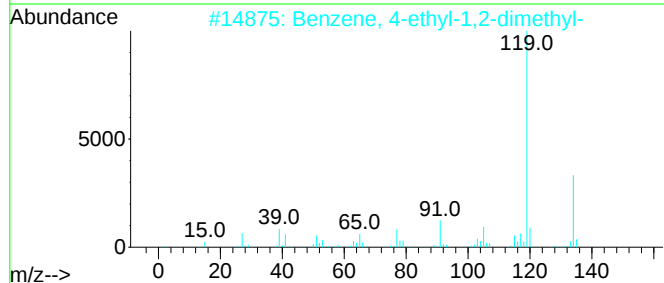
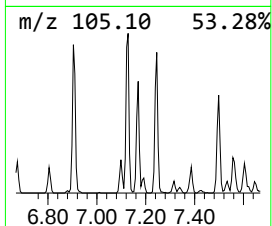
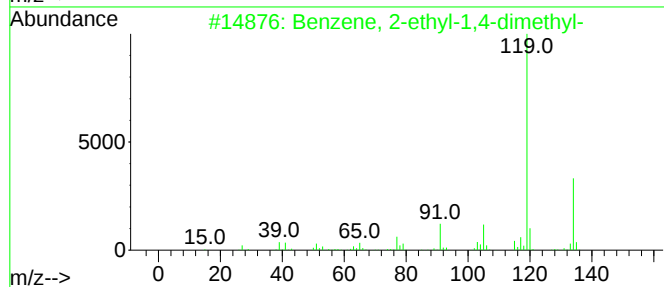
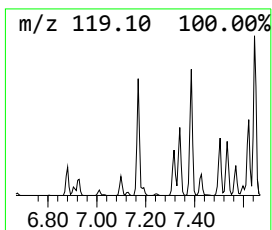
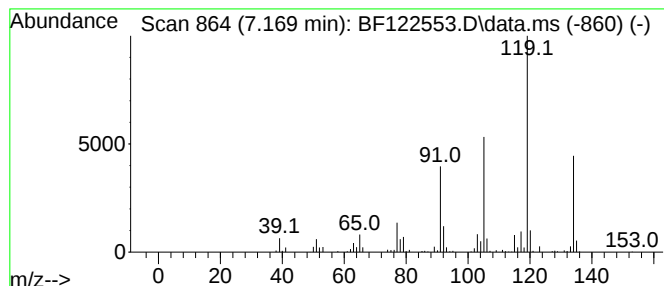
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	13.08 ng	678038	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-12320

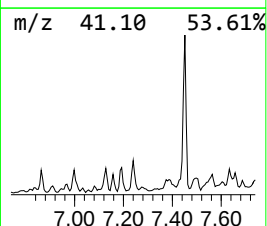
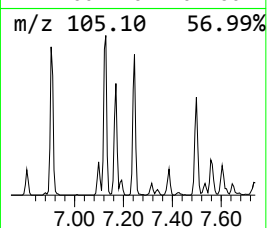
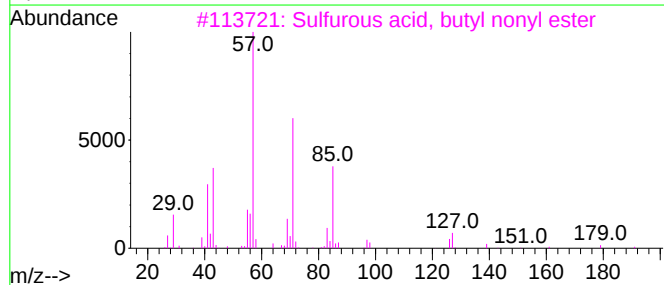
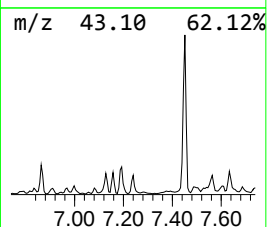
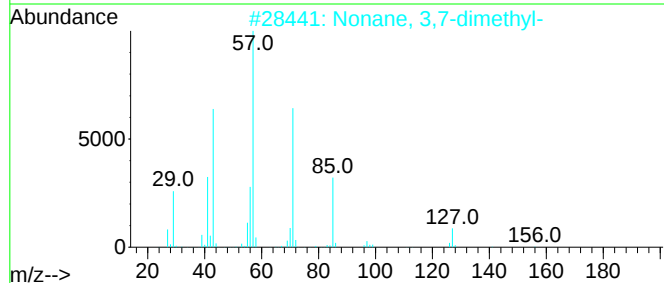
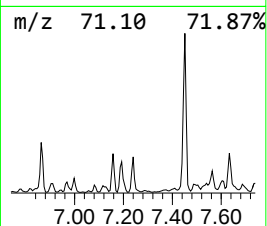
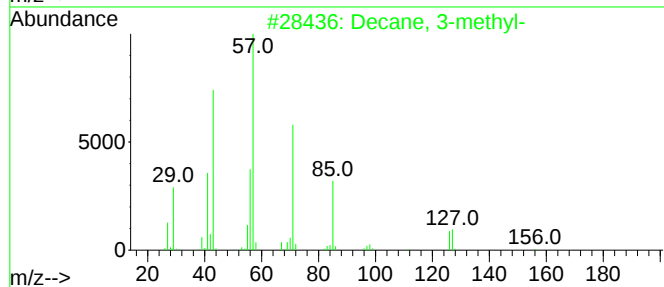
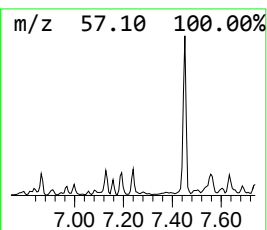
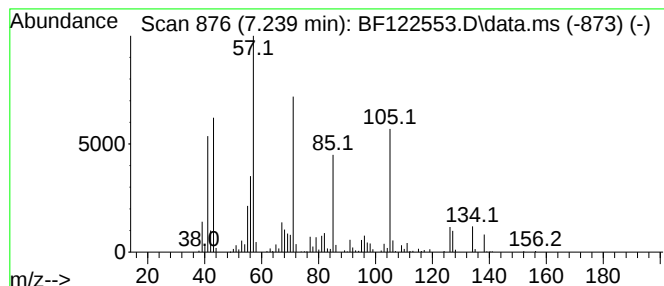
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.239	15.14 ng	784677	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	87
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
5			Nonane, 1-iodo-	254	C9H19I	004282-42-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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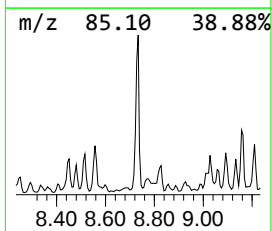
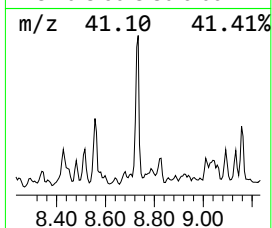
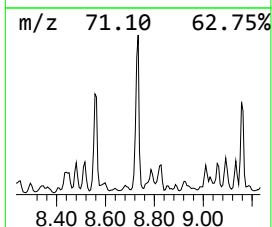
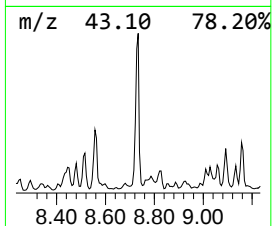
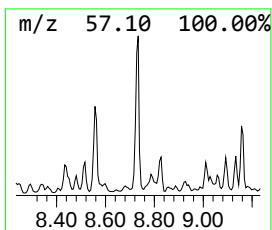
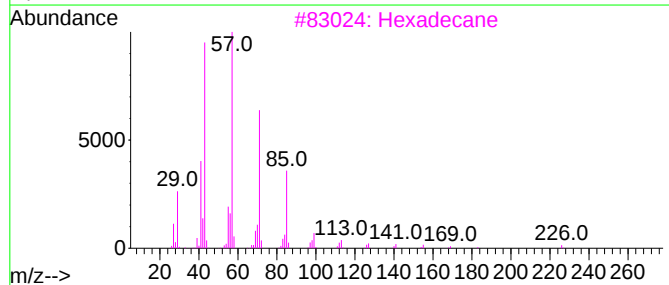
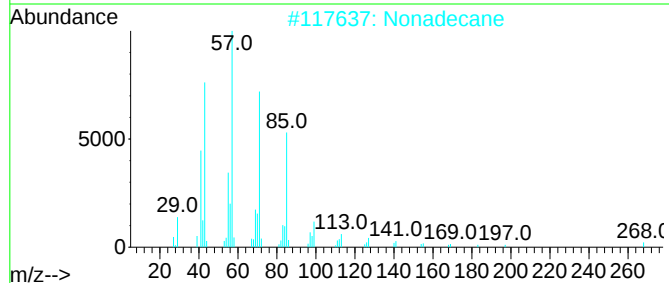
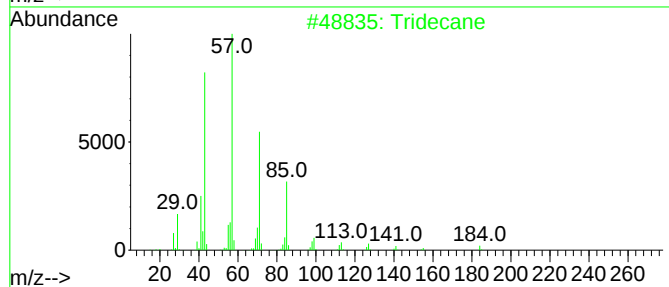
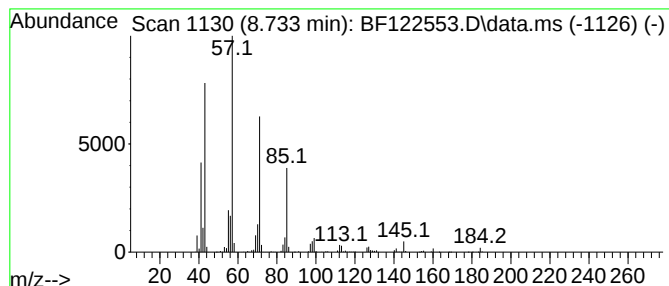
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.733	16.54 ng	4011450	Naphthalene-d8	8.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	97
2			Nonadecane	268	C19H40	000629-92-5	90
3			Hexadecane	226	C16H34	000544-76-3	87
4			Tetradecane	198	C14H30	000629-59-4	86
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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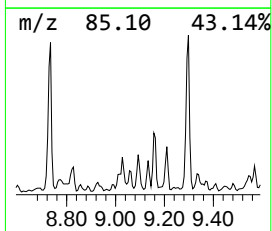
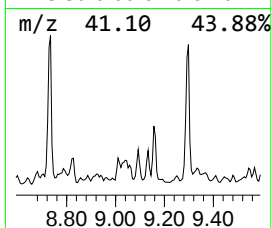
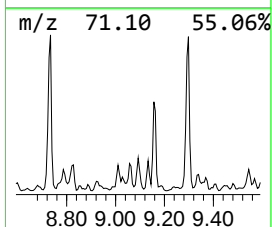
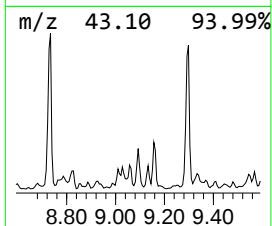
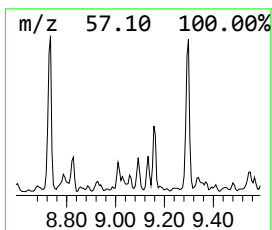
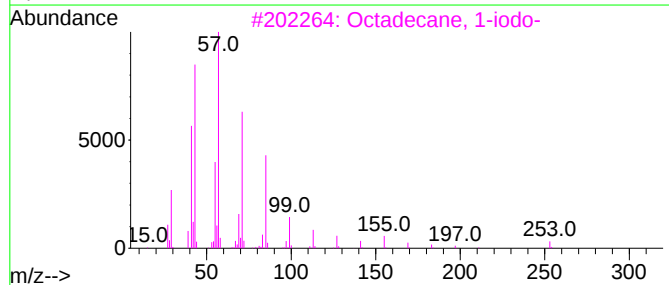
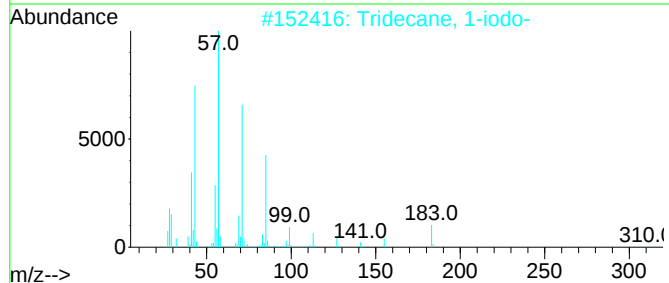
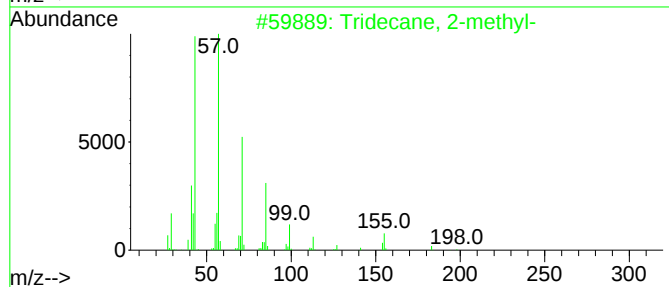
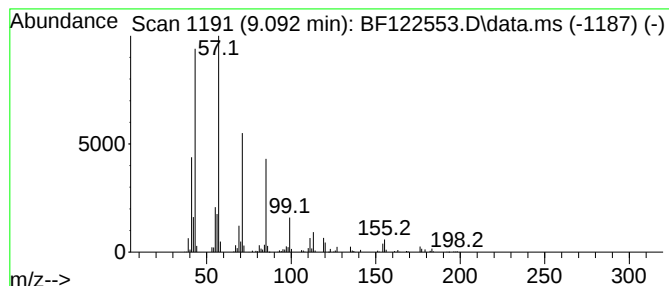
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.092	17.67 ng	1232960	Acenaphthene-d10	9.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	96
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	74
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
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Instrument :
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ClientSampleId :
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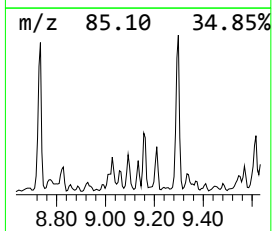
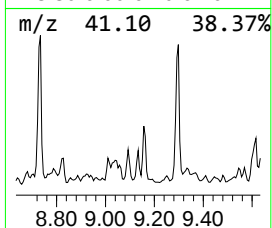
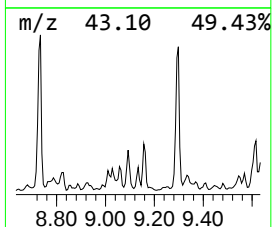
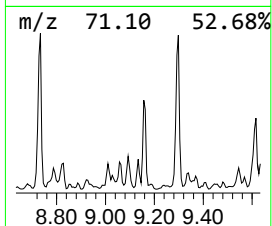
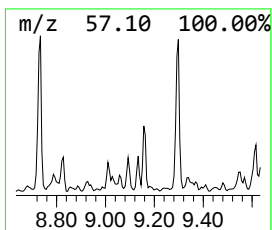
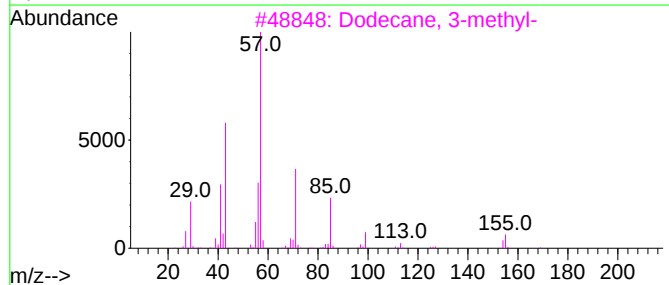
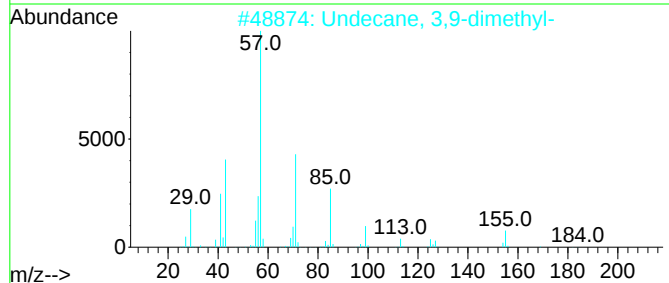
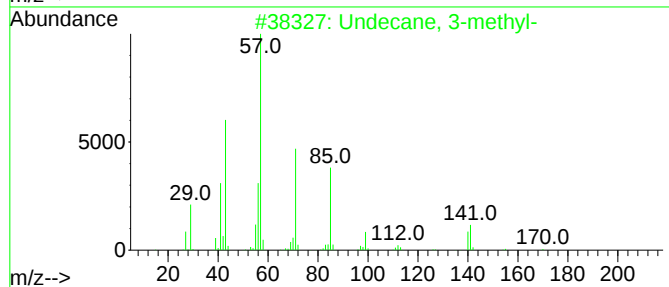
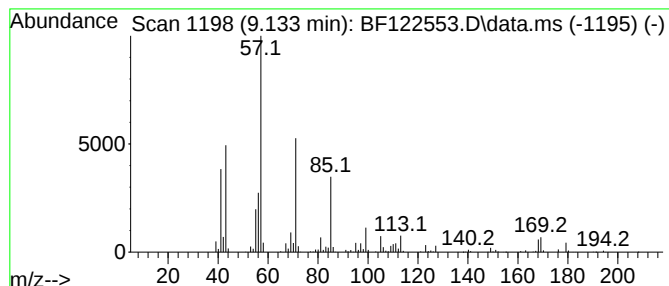
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	9.55 ng	666626	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	80
2			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	72
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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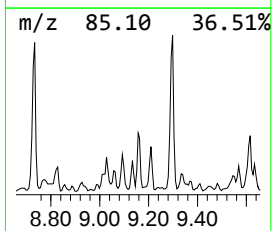
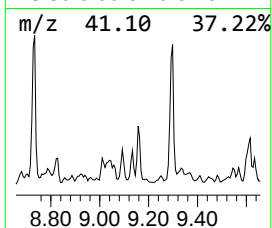
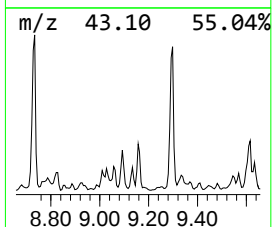
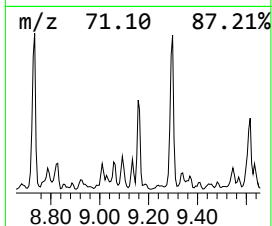
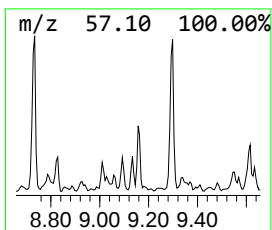
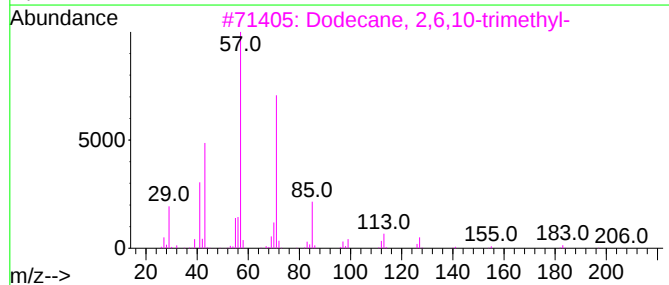
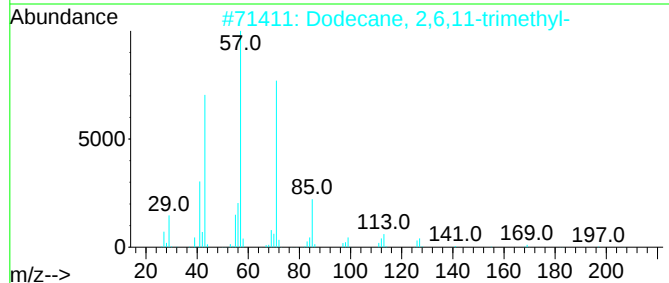
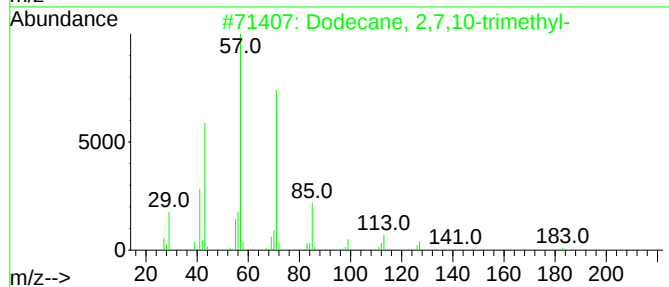
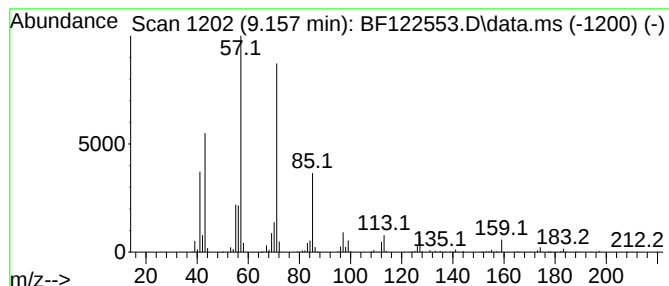
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	26.44 ng	1845080	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
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Acq On : 4 Dec 2020 19:11
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ClientSampleId :
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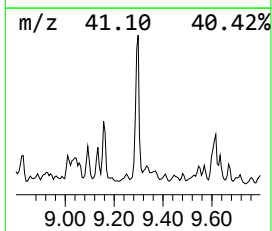
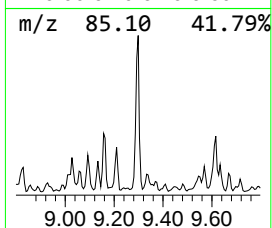
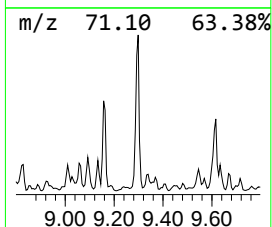
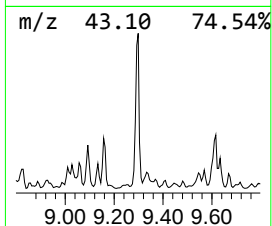
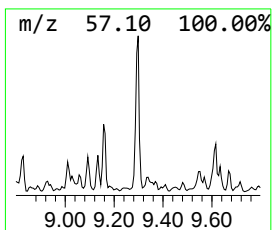
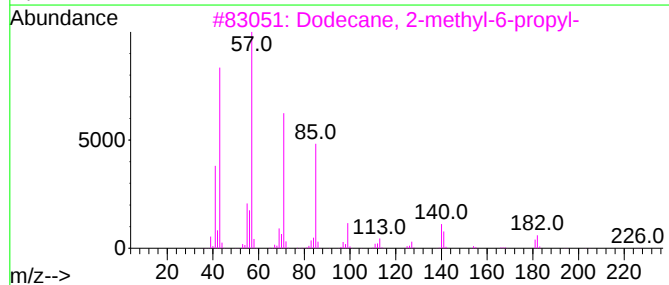
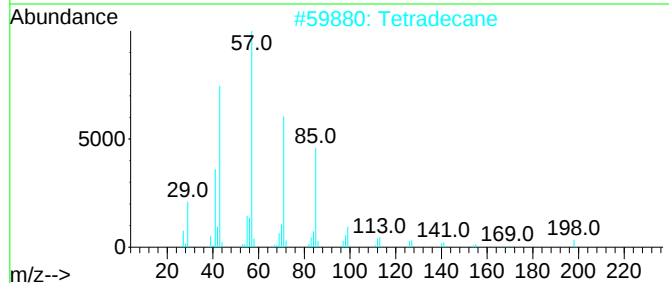
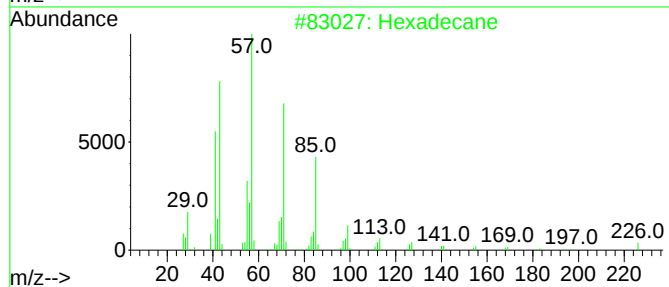
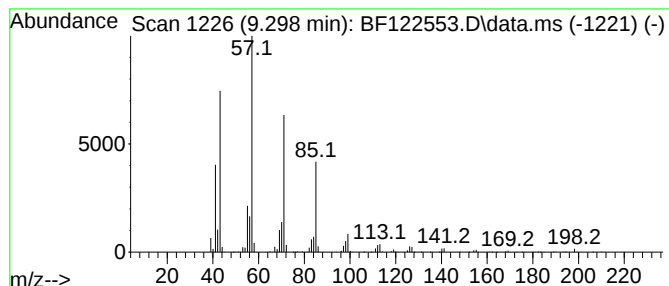
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	60.19 ng	4200060	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	87
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5			1-Decene, 4-methyl-	154	C11H22	013151-29-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-12320

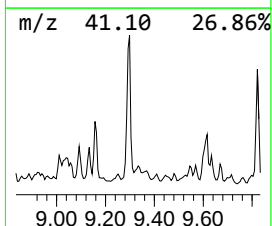
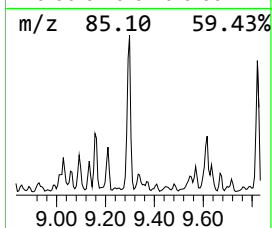
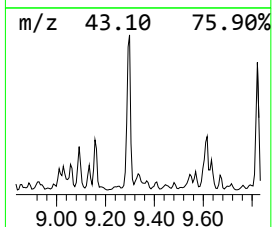
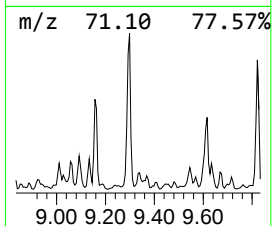
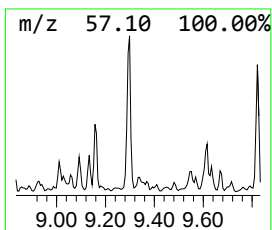
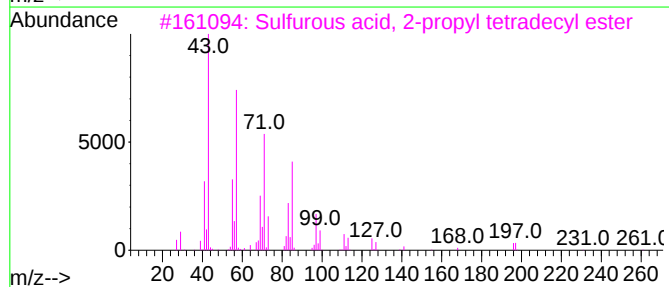
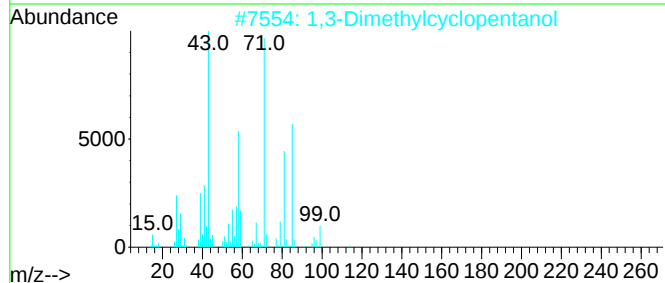
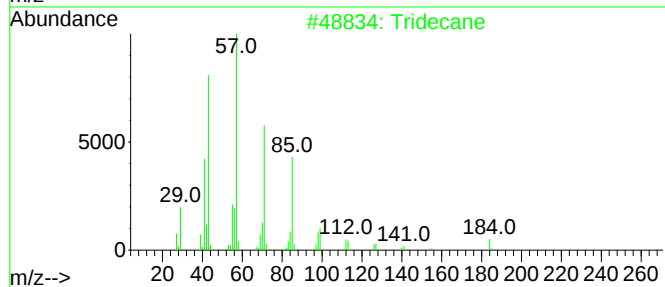
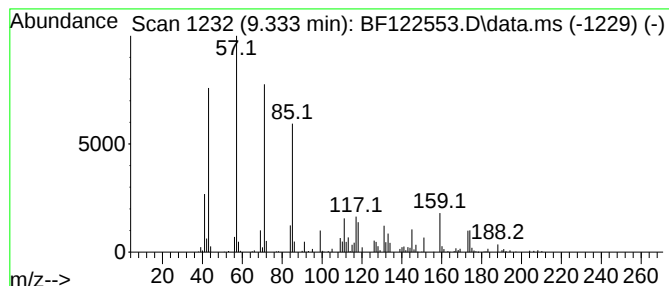
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.333 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	10.18 ng	710168	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	47
2			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	47
3			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	47
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5			Pentadecane	212	C15H32	000629-62-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

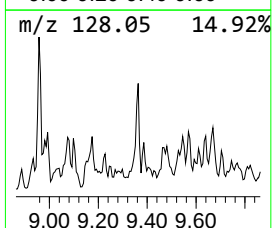
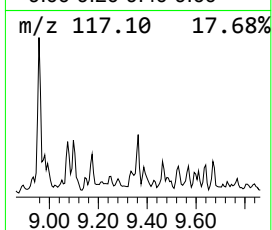
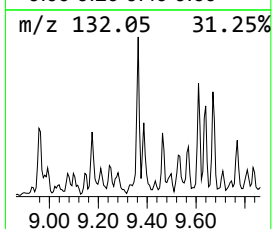
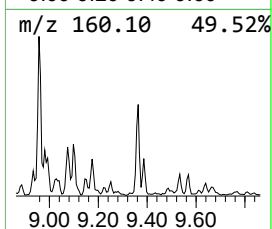
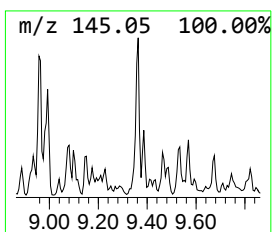
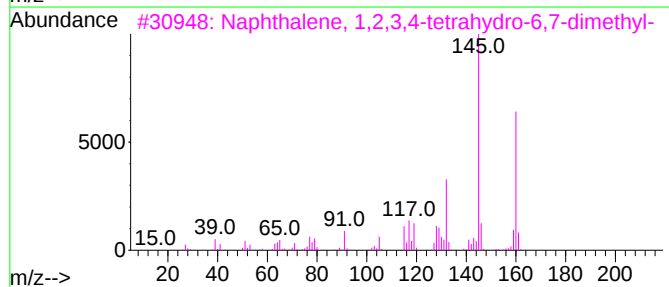
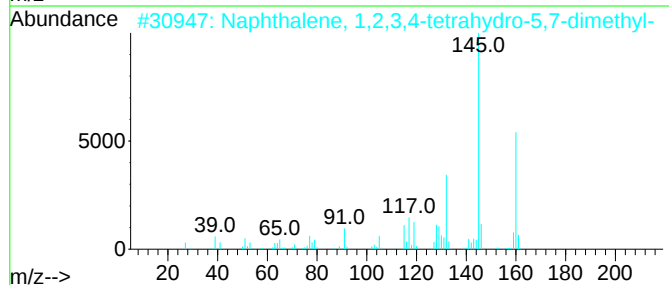
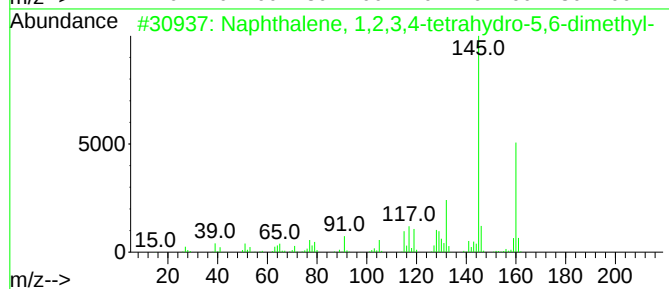
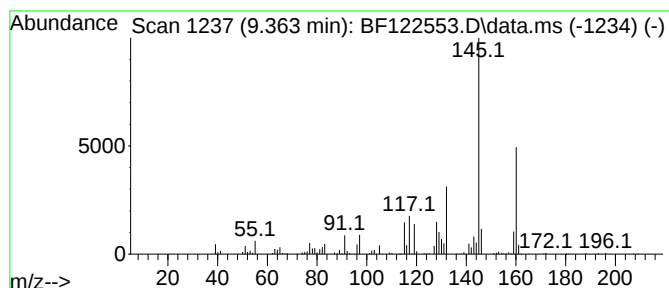
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ClientSampleId :
EO-02-12320

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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, 1,2,3,4-tetrahydro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.363	14.36 ng	1001920	Acenaphthene-d10	9.886	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

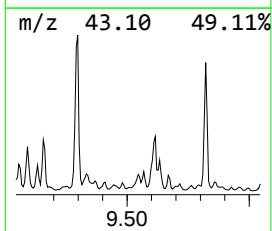
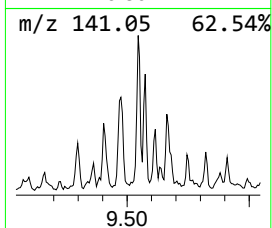
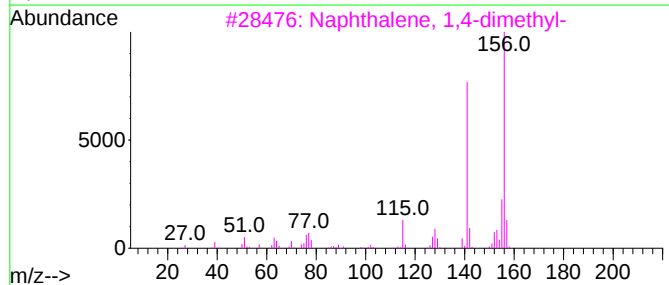
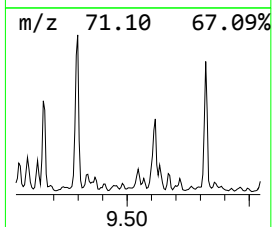
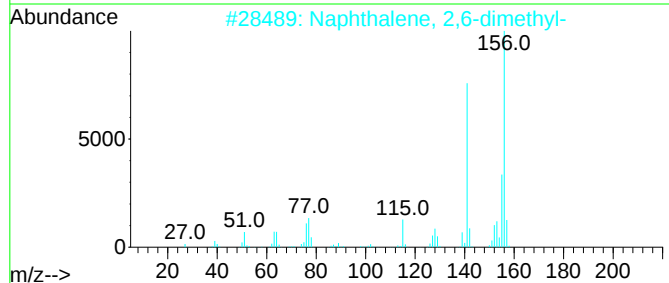
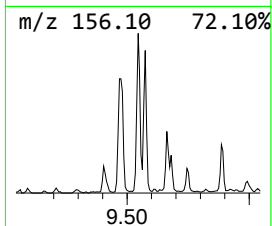
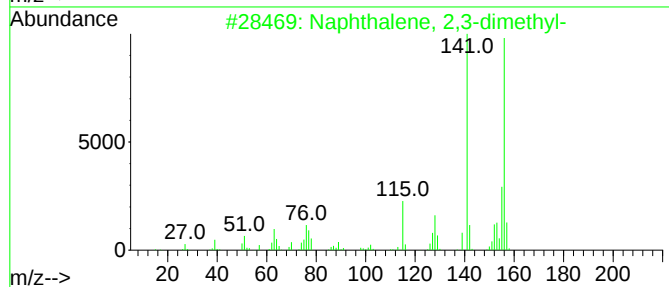
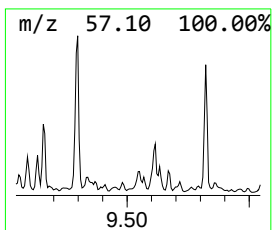
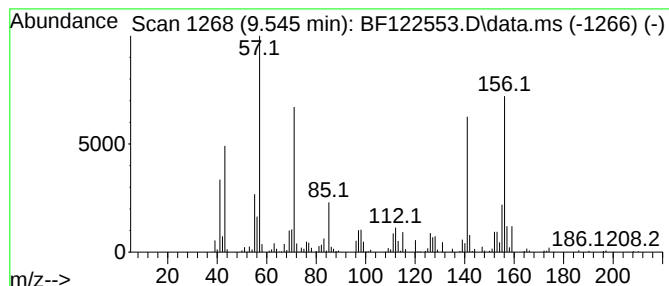
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ClientSampleId :
EO-02-12320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.545	10.29 ng	718151	Acenaphthene-d10	9.886	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	70
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	70
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	70
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
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Sample : L4939-01
Misc :
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Instrument :
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ClientSampleId :
EO-02-12320

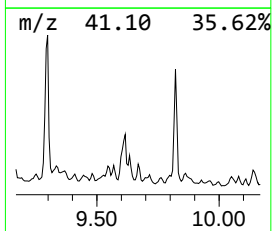
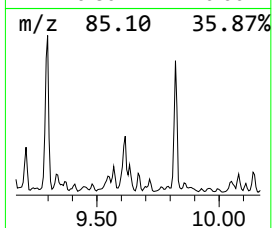
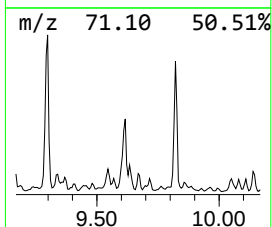
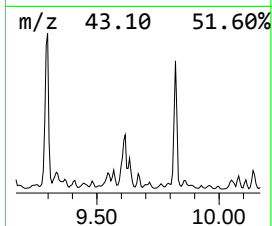
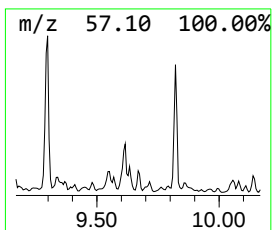
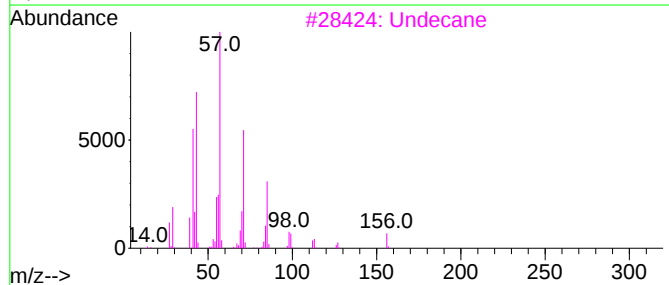
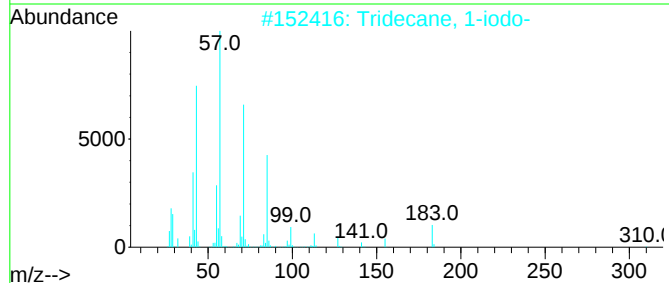
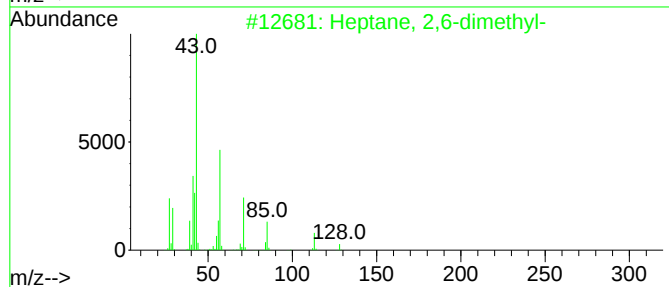
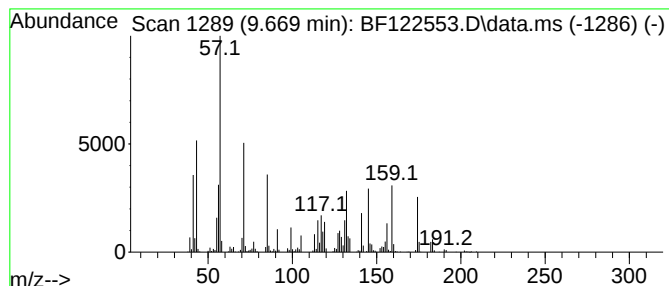
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.669 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	9.91 ng	691557	Acenaphthene-d10	9.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	25
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	25
3		Undecane	156	C11H24	001120-21-4	25
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	22
5		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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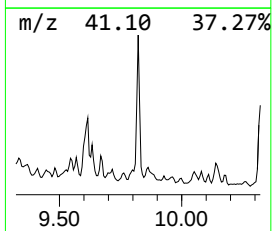
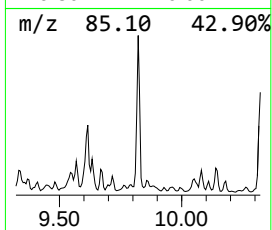
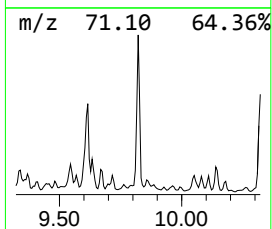
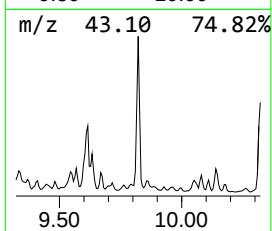
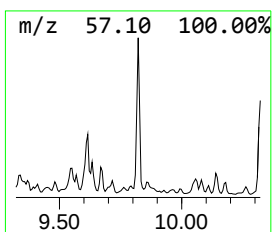
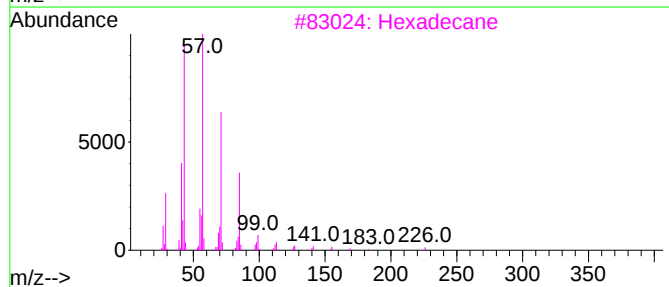
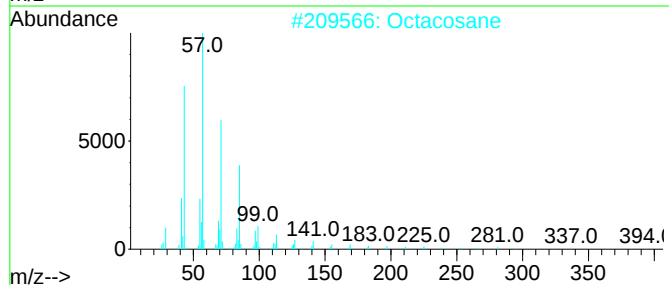
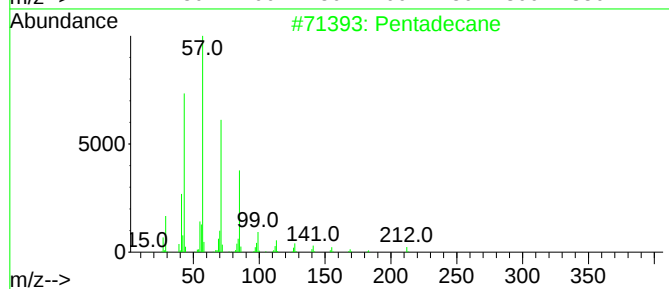
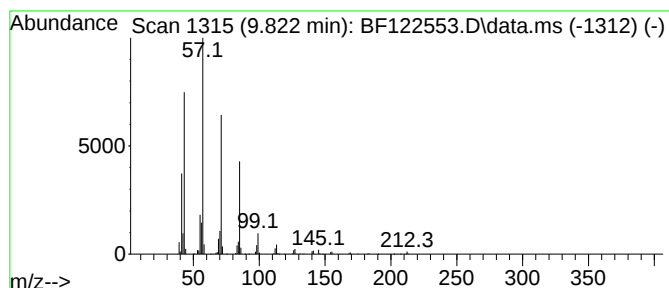
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.822	38.06 ng	2656080	Acenaphthene-d10	9.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	91
2		Octacosane	394	C28H58	000630-02-4	83
3		Hexadecane	226	C16H34	000544-76-3	80
4		Tetradecane	198	C14H30	000629-59-4	80
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-12320

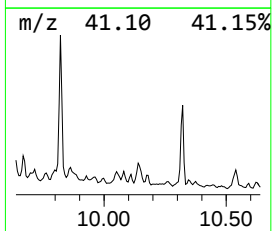
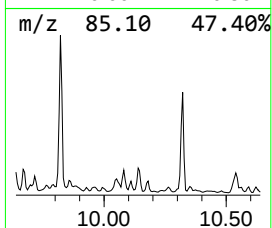
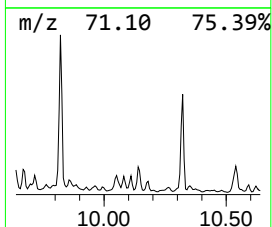
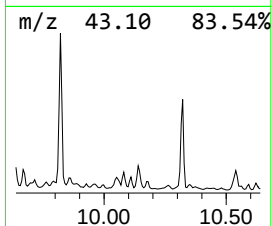
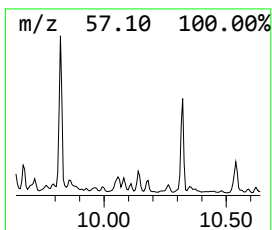
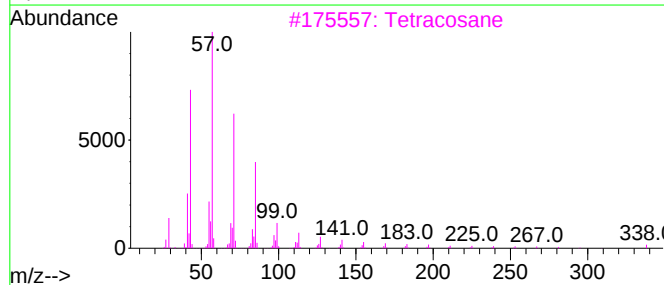
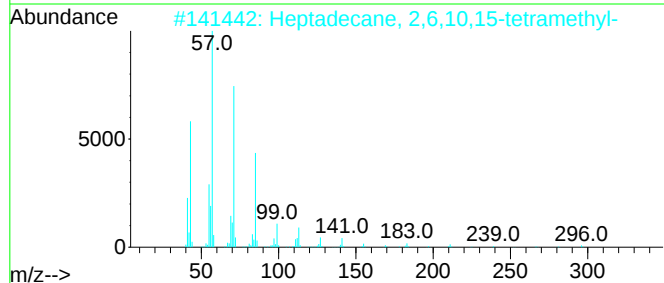
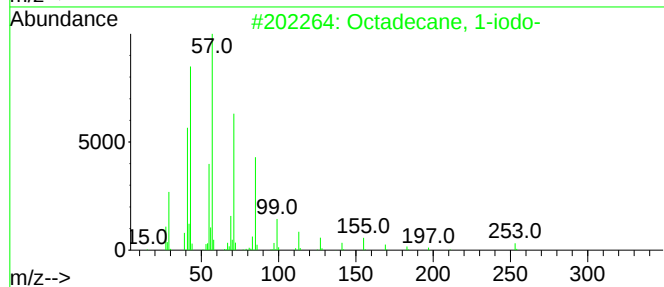
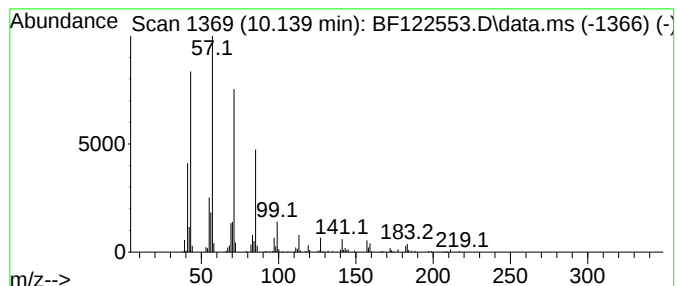
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.139	10.61 ng	740670	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3			Tetracosane	338	C24H50	000646-31-1	87
4			Tetradecane	198	C14H30	000629-59-4	86
5			Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
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Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

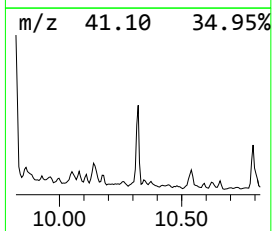
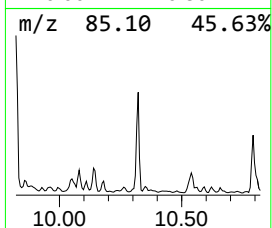
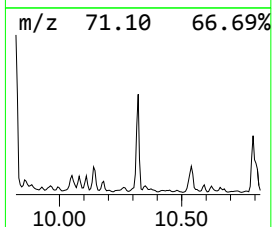
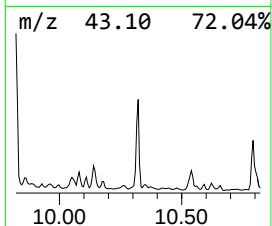
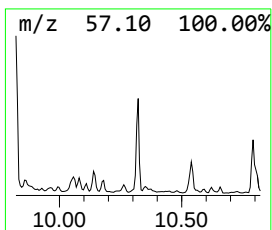
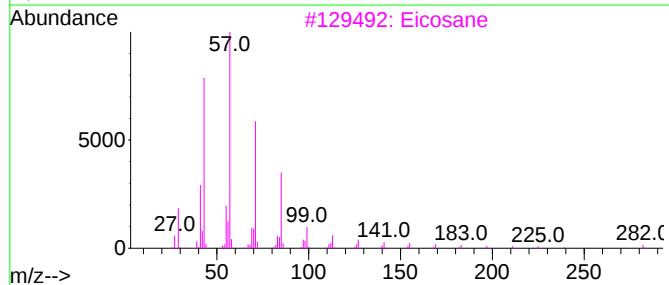
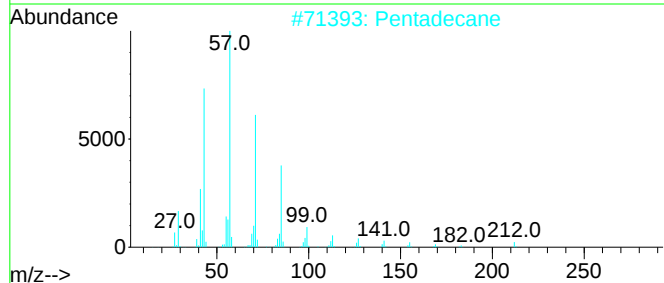
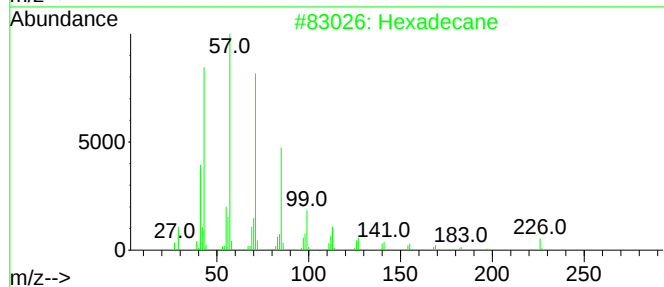
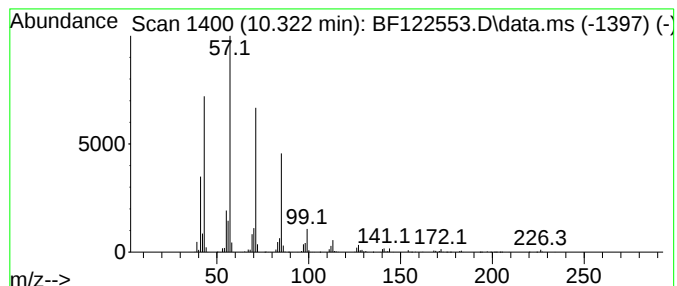
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ClientSampleId :
EO-02-12320

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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 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.322	21.79 ng	1520320	Acenaphthene-d10		9.886	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Pentadecane		212	C15H32	000629-62-9	90
3	Eicosane		282	C20H42	000112-95-8	86
4	Tetradecane		198	C14H30	000629-59-4	86
5	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-12320

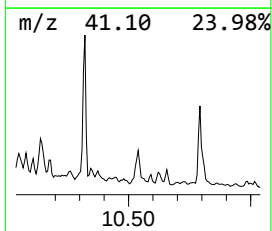
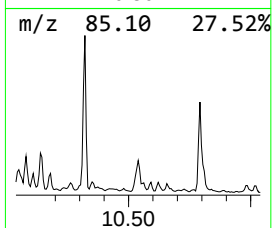
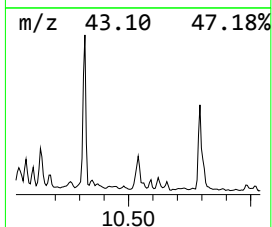
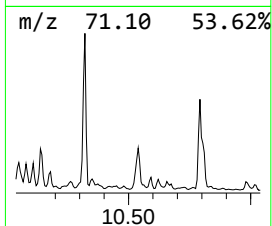
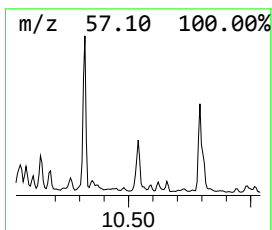
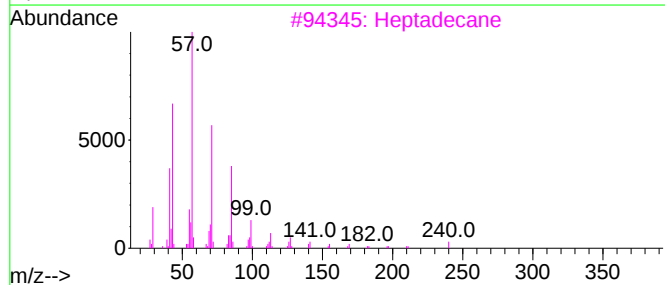
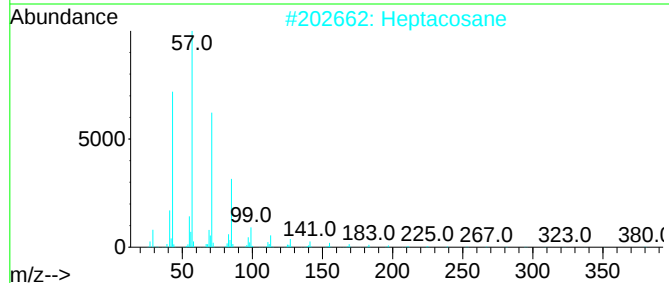
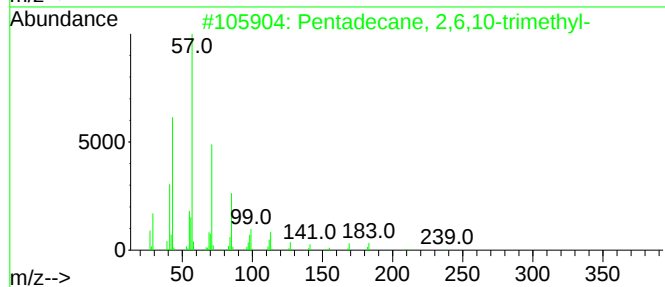
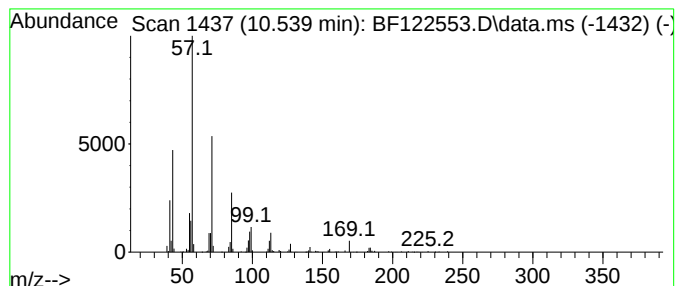
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	10.19 ng	711244	Acenaphthene-d10	9.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Heptacosane	380	C27H56	000593-49-7	80
3		Heptadecane	240	C17H36	000629-78-7	78
4		Tridecane	184	C13H28	000629-50-5	72
5		Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-12320

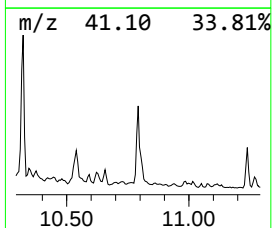
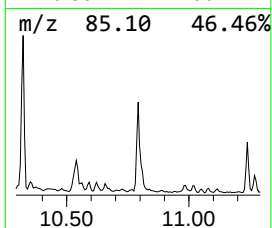
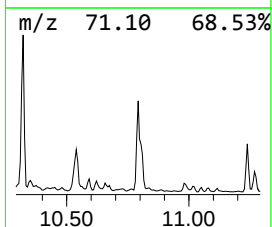
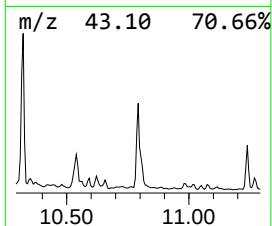
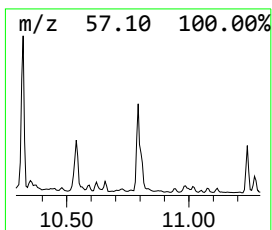
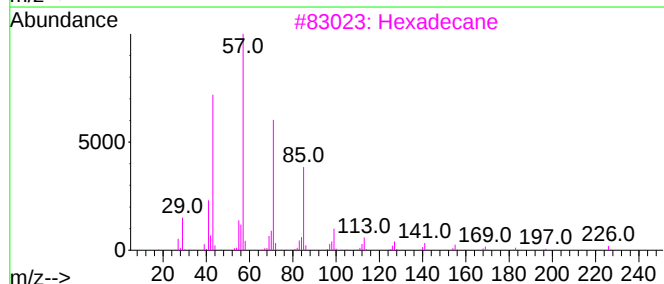
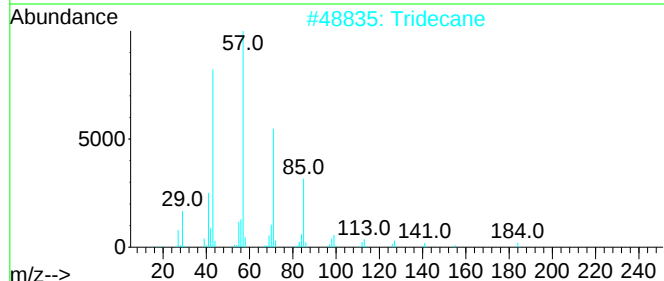
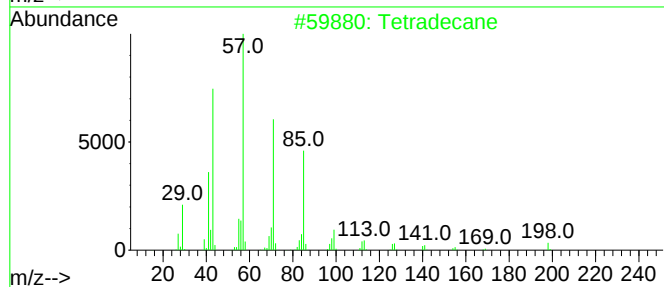
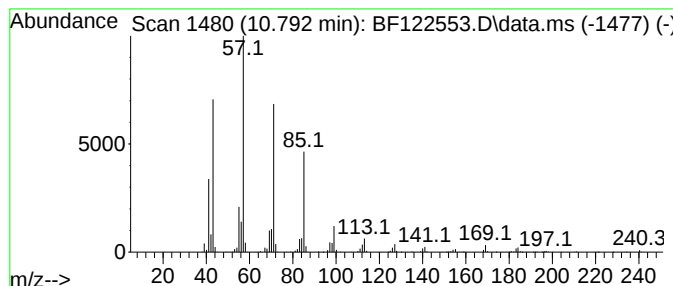
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	21.83 ng	1354730	Phenanthrene-d10	11.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Tridecane	184	C13H28	000629-50-5	93
3		Hexadecane	226	C16H34	000544-76-3	91
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-12320

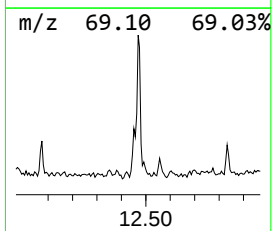
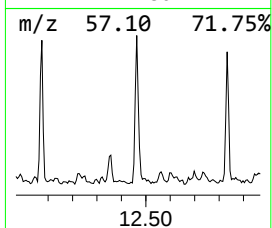
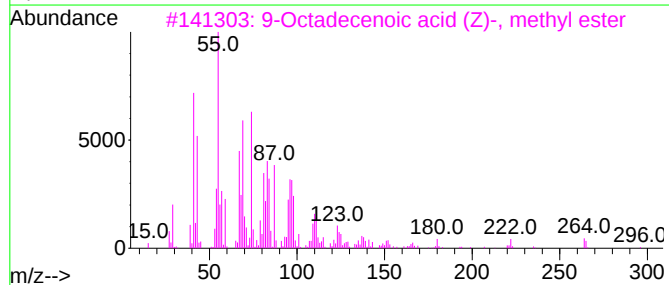
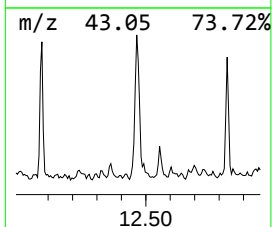
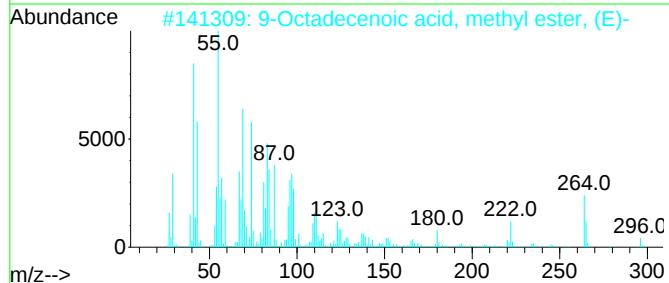
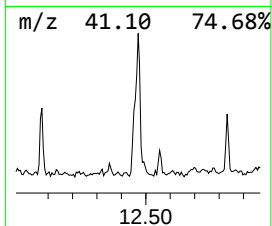
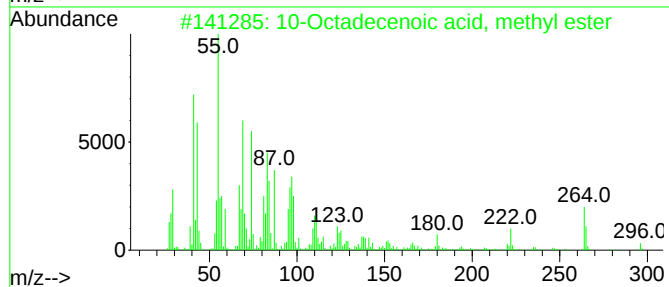
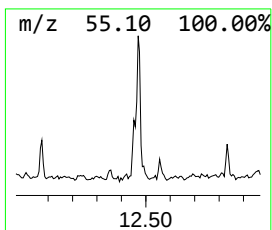
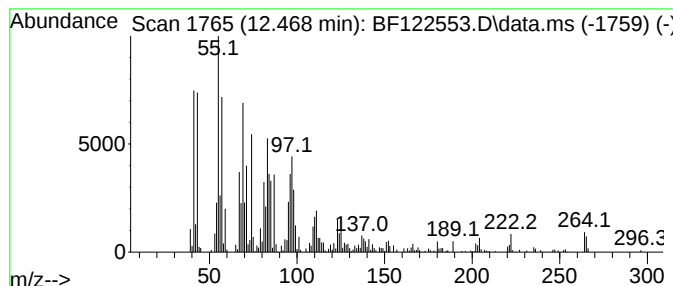
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 10-Octadecenoic acid, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	15.84 ng	982879	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
4			8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	98
5			6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122553.D
Acq On : 4 Dec 2020 19:11
Operator : JU/CG
Sample : L4939-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-12320

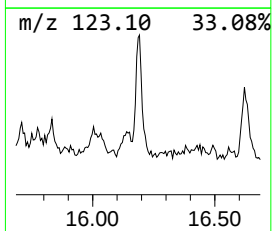
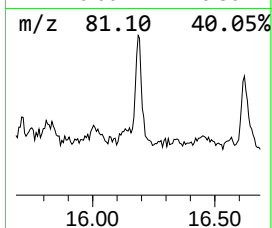
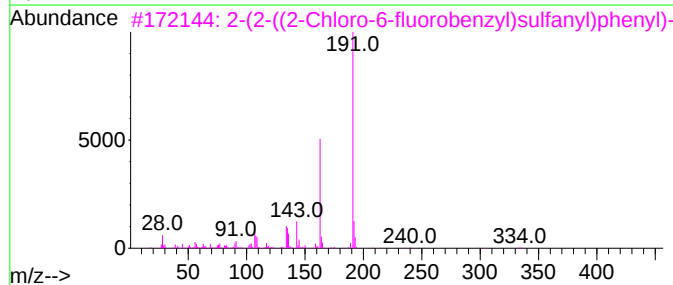
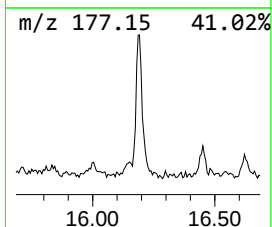
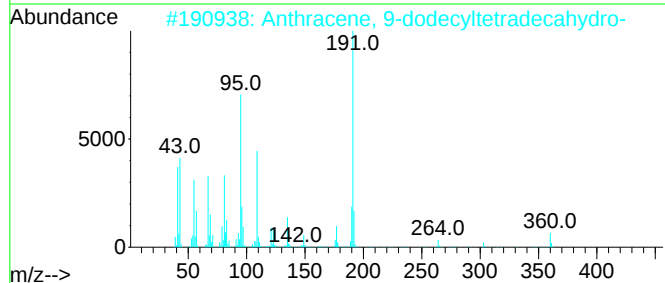
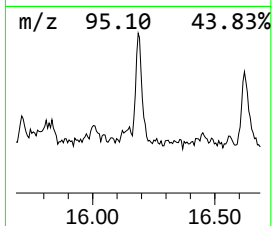
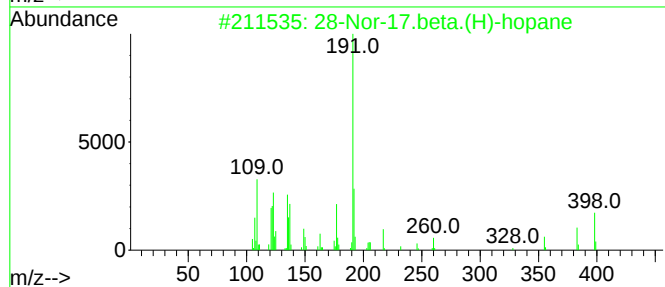
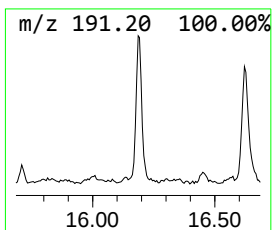
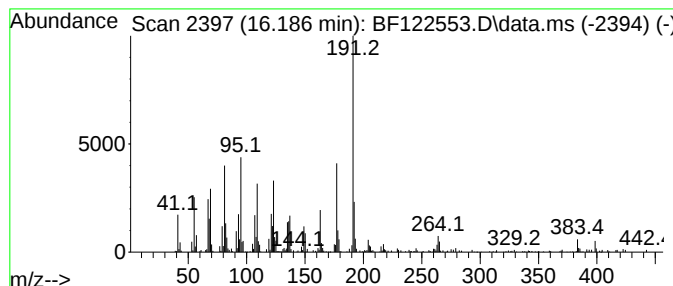
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 28-Nor-17.beta.(H)-hopane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.186	11.46 ng	649010	Perylene-d12	15.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	52
2			Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	50
3			2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	35
4			1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314	C21H30O2	039707-55-6	35
5			1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
 Data File : BF122553.D
 Acq On : 4 Dec 2020 19:11
 Operator : JU/CG
 Sample : L4939-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.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	6.686	22.9	ng	1187690	1	6.845	1036450	20.0
Benzene, 1-meth...	7.128	13.1	ng	680139	1	6.845	1036450	20.0
Benzene, 2-ethy...	7.169	13.1	ng	678038	1	6.845	1036450	20.0
Decane, 3-methyl-	7.239	15.1	ng	784677	1	6.845	1036450	20.0
Tridecane	8.733	16.5	ng	4011450	2	8.133	4850390	20.0
Tridecane, 2-me...	9.092	17.7	ng	1232960	3	9.886	1395700	20.0
Undecane, 3-met...	9.133	9.6	ng	666626	3	9.886	1395700	20.0
Dodecane, 2,7,1...	9.157	26.4	ng	1845080	3	9.886	1395700	20.0
Hexadecane	9.298	60.2	ng	4200060	3	9.886	1395700	20.0
unknown9.333	9.333	10.2	ng	710168	3	9.886	1395700	20.0
Naphthalene, 1,...	9.363	14.4	ng	1001920	3	9.886	1395700	20.0
Naphthalene, 2,...	9.545	10.3	ng	718151	3	9.886	1395700	20.0
unknown9.669	9.669	9.9	ng	691557	3	9.886	1395700	20.0
Pentadecane	9.822	38.1	ng	2656080	3	9.886	1395700	20.0
Octadecane, 1-i...	10.139	10.6	ng	740670	3	9.886	1395700	20.0
Eicosane	10.322	21.8	ng	1520320	3	9.886	1395700	20.0
Pentadecane, 2,...	10.539	10.2	ng	711244	3	9.886	1395700	20.0
Tetradecane	10.792	21.8	ng	1354730	4	11.374	1241110	20.0
10-Octadecenoic...	12.469	15.8	ng	982879	4	11.374	1241110	20.0
28-Nor-17.beta....	16.186	11.5	ng	649010	6	15.480	1132590	20.0