

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124148.D
 Acq On : 4 Jun 2021 19:44
 Operator : JU/CG
 Sample : M2512-08 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-3

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-BF060321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124148.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.393	559	562	569	rVB	54073	49492	4.95%	0.375%
2	6.704	780	785	788	rBV2	71236	65848	6.58%	0.499%
3	6.869	809	813	818	rVB	243275	225985	22.59%	1.714%
4	7.251	874	878	882	rBV3	27797	30832	3.08%	0.234%
5	7.463	909	914	917	rVV	187739	142286	14.22%	1.079%
6	7.516	917	923	925	rVB4	34306	36310	3.63%	0.275%
7	7.575	925	933	935	rBV5	18744	37366	3.73%	0.283%
8	7.651	942	946	948	rBV	77993	77221	7.72%	0.586%
9	7.745	959	962	964	rBV	88910	76618	7.66%	0.581%
10	7.798	968	971	973	rVV3	46888	56152	5.61%	0.426%
11	7.834	973	977	979	rVV2	49709	60792	6.08%	0.461%
12	7.863	979	982	985	rVB2	51503	40043	4.00%	0.304%
13	7.898	985	988	992	rBV	86251	80466	8.04%	0.610%
14	7.939	992	995	998	rBV	60736	50130	5.01%	0.380%
15	8.051	1012	1014	1017	rVV3	24591	27407	2.74%	0.208%
16	8.098	1017	1022	1024	rVV5	39443	62020	6.20%	0.470%
17	8.133	1024	1028	1029	rVV	435637	403650	40.35%	3.061%
18	8.151	1029	1031	1034	rVV	317617	274729	27.46%	2.083%
19	8.210	1037	1041	1043	rVV	210682	179513	17.94%	1.361%
20	8.239	1043	1046	1048	rVV2	56786	63513	6.35%	0.482%
21	8.263	1048	1050	1053	rVV	33075	26272	2.63%	0.199%
22	8.304	1053	1057	1059	rVV2	34423	38320	3.83%	0.291%
23	8.357	1062	1066	1068	rVV5	33733	51353	5.13%	0.389%
24	8.386	1068	1071	1073	rVV4	36591	45827	4.58%	0.348%
25	8.422	1073	1077	1079	rVV4	82903	107806	10.78%	0.817%
26	8.445	1079	1081	1087	rVV4	195983	261173	26.11%	1.980%
27	8.492	1087	1089	1092	rVV2	128314	114700	11.46%	0.870%
28	8.528	1092	1095	1098	rVV	187048	180948	18.09%	1.372%
29	8.569	1099	1102	1104	rVV	427570	342641	34.25%	2.598%
30	8.592	1104	1106	1108	rVV3	89184	95426	9.54%	0.724%
31	8.610	1108	1109	1113	rVV2	68995	63269	6.32%	0.480%
32	8.657	1113	1117	1119	rVV2	66681	73144	7.31%	0.555%
33	8.698	1119	1124	1127	rVV7	43157	100030	10.00%	0.759%
34	8.739	1128	1131	1134	rVV	887309	760023	75.97%	5.763%
35	8.781	1135	1138	1139	rVV2	70321	82863	8.28%	0.628%
36	8.798	1139	1141	1144	rVV3	105737	136934	13.69%	1.038%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.833	1144	1147	1151	rVV2	146542	208498	20.84%	1.581%
38	8.863	1151	1152	1156	rVV4	57792	65252	6.52%	0.495%
39	8.898	1156	1158	1160	rVV2	57116	48873	4.89%	0.371%
40	8.928	1160	1163	1166	rVV3	63097	101047	10.10%	0.766%
41	8.963	1166	1169	1173	rVV4	77374	126767	12.67%	0.961%
42	8.998	1173	1175	1177	rVV3	44031	50320	5.03%	0.382%
43	9.022	1177	1179	1181	rVV	206517	197308	19.72%	1.496%
44	9.039	1181	1182	1183	rVV	148718	88152	8.81%	0.668%
45	9.069	1183	1187	1190	rVV2	148634	246139	24.60%	1.866%
46	9.104	1190	1193	1197	rVV	282013	264180	26.41%	2.003%
47	9.145	1197	1200	1202	rVV	238544	199858	19.98%	1.516%
48	9.169	1202	1204	1207	rVV	413382	355472	35.53%	2.696%
49	9.222	1211	1213	1215	rVV3	54583	59052	5.90%	0.448%
50	9.263	1218	1220	1223	rVV3	86279	95825	9.58%	0.727%
51	9.310	1224	1228	1231	rVV	1017039	1000440	100.00%	7.586%
52	9.345	1232	1234	1238	rVV4	99012	159017	15.89%	1.206%
53	9.380	1238	1240	1245	rVV6	74722	113470	11.34%	0.860%
54	9.422	1245	1247	1249	rVV3	58263	53677	5.37%	0.407%
55	9.457	1250	1253	1254	rVV3	33813	34415	3.44%	0.261%
56	9.492	1257	1259	1262	rVV2	53462	54523	5.45%	0.413%
57	9.563	1264	1271	1273	rVV3	138718	211141	21.10%	1.601%
58	9.580	1273	1274	1277	rVV2	117923	85579	8.55%	0.649%
59	9.628	1277	1282	1284	rVV3	403562	462889	46.27%	3.510%
60	9.645	1284	1285	1289	rVB	175133	115240	11.52%	0.874%
61	9.686	1289	1292	1295	rBV	110840	93317	9.33%	0.708%
62	9.775	1303	1307	1310	rBV4	38942	61396	6.14%	0.466%
63	9.833	1314	1317	1320	rVV	593016	489412	48.92%	3.711%
64	9.875	1322	1324	1326	rVV2	82100	88324	8.83%	0.670%
65	9.904	1326	1329	1333	rVV	360915	320693	32.06%	2.432%
66	9.939	1333	1335	1337	rVV3	33836	27279	2.73%	0.207%
67	9.963	1337	1339	1340	rVV2	27921	25394	2.54%	0.193%
68	10.004	1344	1346	1352	rVB3	59412	62853	6.28%	0.477%
69	10.069	1352	1357	1359	rBV3	82425	123723	12.37%	0.938%
70	10.092	1359	1361	1364	rVV2	64527	62619	6.26%	0.475%
71	10.122	1364	1366	1368	rVV	45910	36487	3.65%	0.277%
72	10.157	1368	1372	1376	rVB4	104947	126097	12.60%	0.956%
73	10.192	1376	1378	1380	rBV	55242	32878	3.29%	0.249%
74	10.216	1380	1382	1385	rVB2	47171	40686	4.07%	0.309%
75	10.275	1389	1392	1394	rBV2	70680	76643	7.66%	0.581%
76	10.298	1394	1396	1399	rVV3	48651	53418	5.34%	0.405%

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77	10.333	1399	1402	1405	rVV	503686	376108	37.59%	2.852%
78	10.357	1405	1406	1409	rVB3	30645	28482	2.85%	0.216%
79	10.392	1409	1412	1418	rVB7	23263	39598	3.96%	0.300%
80	10.557	1435	1440	1442	rBV	121482	161914	16.18%	1.228%
81	10.604	1446	1448	1451	rVB3	36053	30494	3.05%	0.231%
82	10.639	1451	1454	1457	rBV2	38117	35823	3.58%	0.272%
83	10.669	1457	1459	1462	rBV2	49569	44175	4.42%	0.335%
84	10.775	1474	1477	1480	rBV5	21203	27085	2.71%	0.205%
85	10.804	1480	1482	1488	rBV	205293	296265	29.61%	2.247%
86	10.998	1512	1515	1517	rBV3	61641	58676	5.87%	0.445%
87	11.227	1551	1554	1556	rBV2	39634	30422	3.04%	0.231%
88	11.251	1556	1558	1560	rVV	99033	81892	8.19%	0.621%
89	11.280	1560	1563	1570	rVB4	46171	71050	7.10%	0.539%
90	11.392	1578	1582	1585	rBV	292803	244035	24.39%	1.851%
91	11.680	1628	1631	1634	rBV	29148	26071	2.61%	0.198%
92	12.974	1846	1851	1855	rBV4	32078	52117	5.21%	0.395%
93	13.416	1922	1926	1929	rBV5	18224	36595	3.66%	0.278%
94	13.451	1929	1932	1938	rVB2	129370	117452	11.74%	0.891%
95	13.857	1998	2001	2003	rBV2	66563	64532	6.45%	0.489%
96	13.992	2019	2024	2027	rBV4	50138	88055	8.80%	0.668%
97	14.033	2027	2031	2035	rVV2	353820	373480	37.33%	2.832%
98	14.074	2035	2038	2041	rVB5	41689	49330	4.93%	0.374%
99	14.298	2073	2076	2080	rBV5	28119	51260	5.12%	0.389%
100	15.521	2281	2284	2288	rVB2	136999	162926	16.29%	1.235%

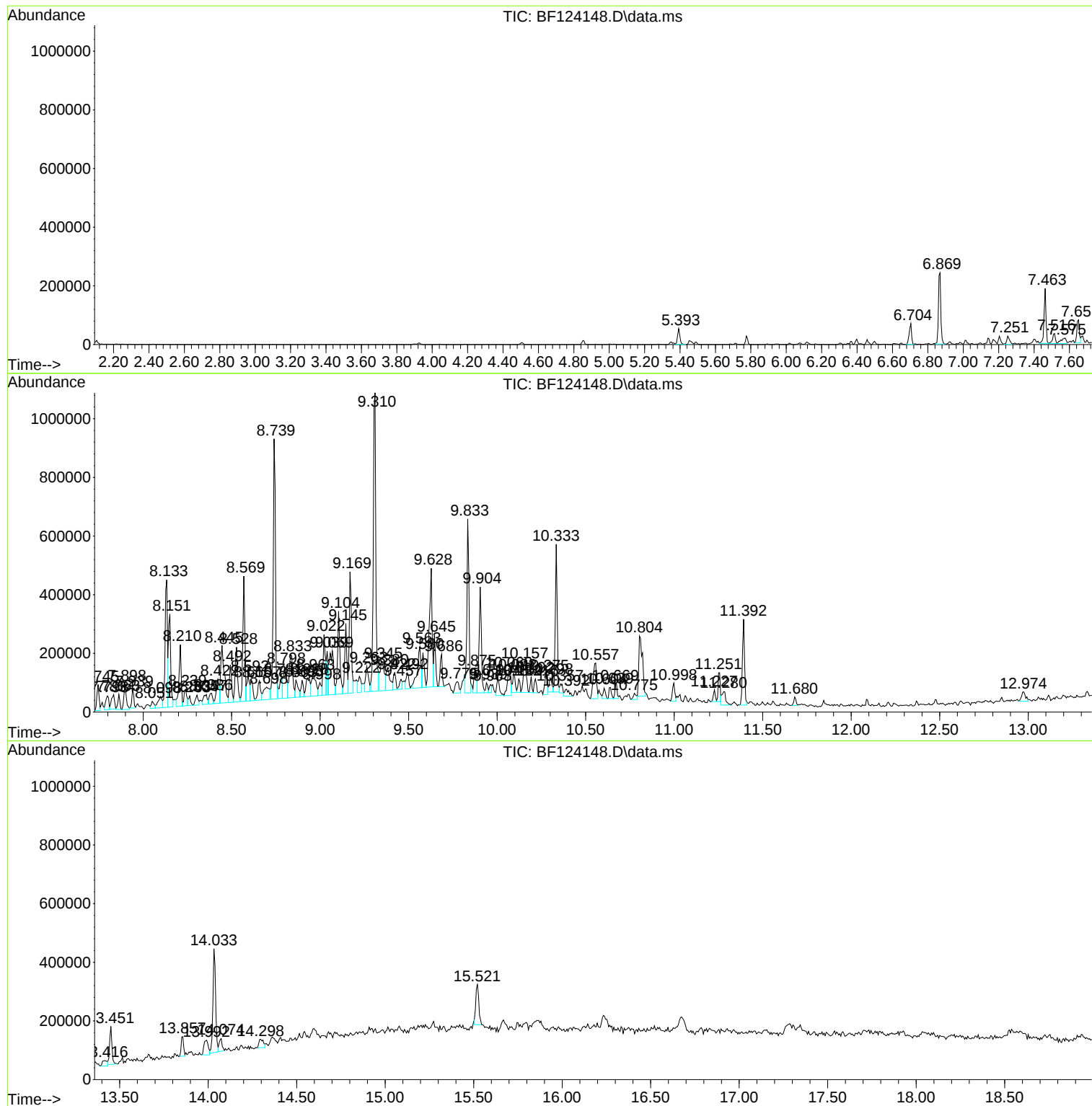
Sum of corrected areas: 13187292

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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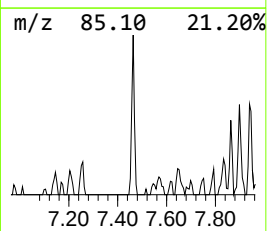
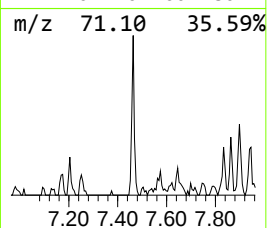
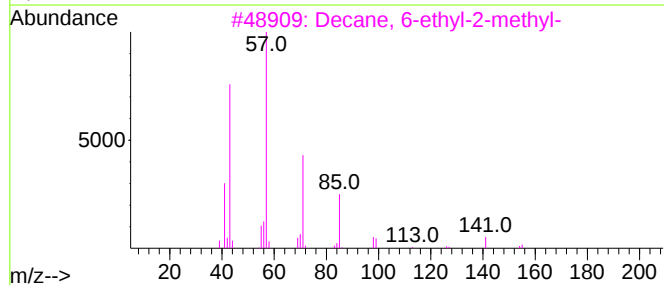
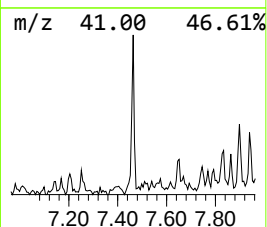
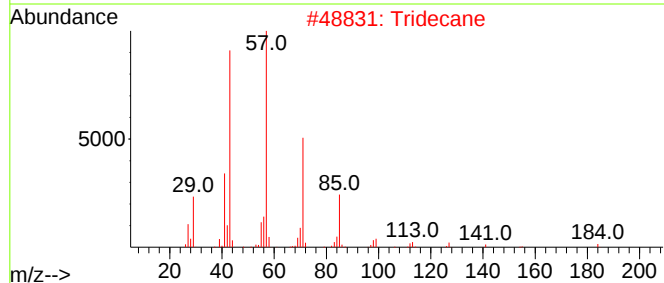
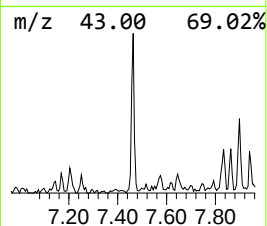
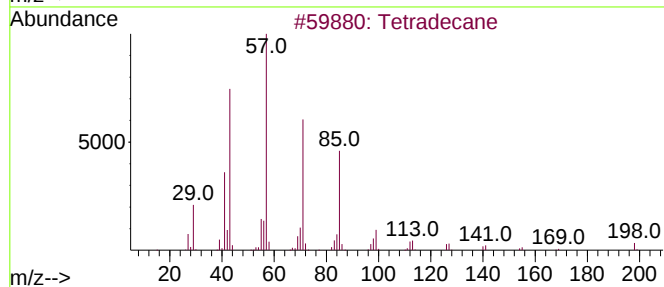
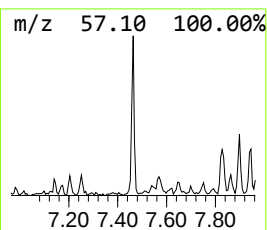
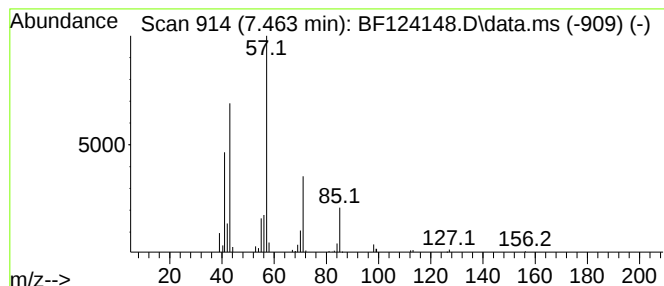
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.463	12.59 ng	142286	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	83
2			Tridecane	184	C13H28	000629-50-5	80
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
4			Hexatriacontane	507	C36H74	000630-06-8	64
5			Undecane	156	C11H24	001120-21-4	64



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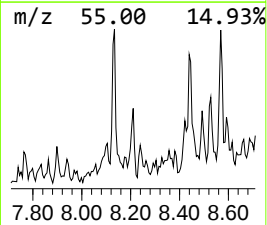
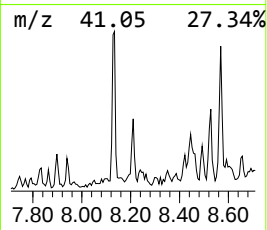
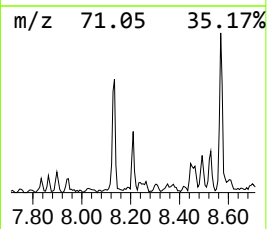
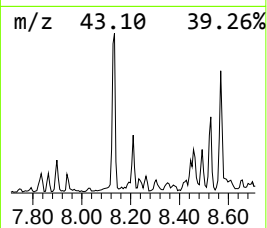
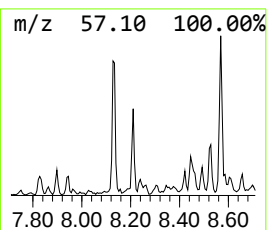
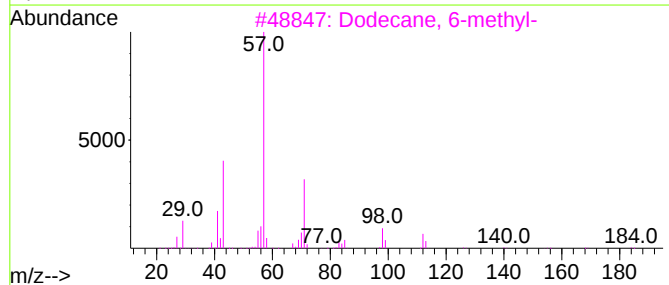
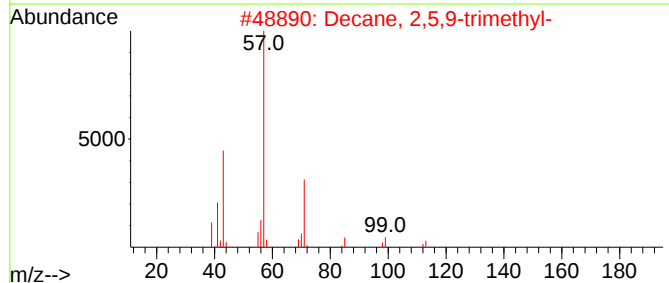
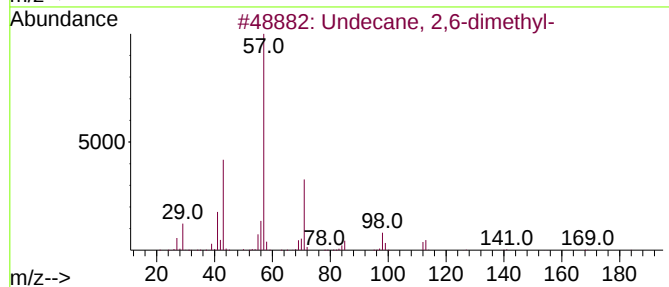
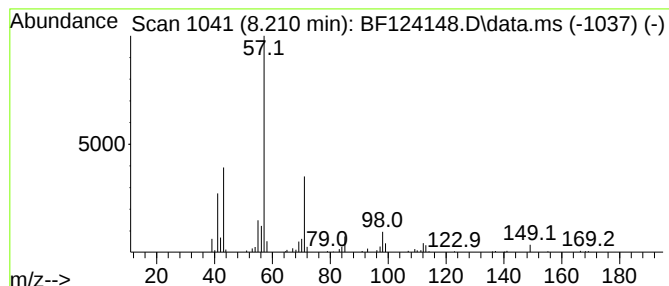
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	13.07 ng	179513	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80
2			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	59
4			Nonane, 4-methyl-	142	C10H22	017301-94-9	59
5			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53



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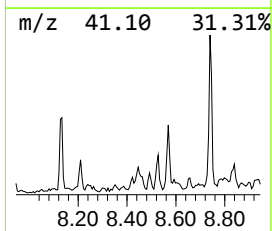
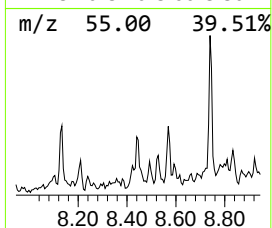
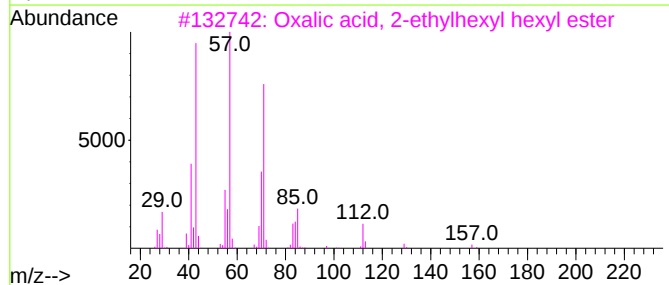
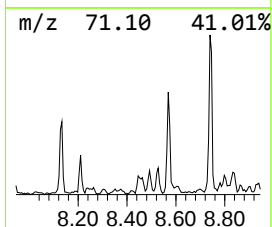
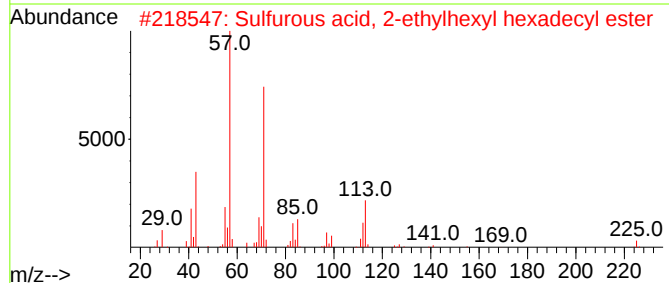
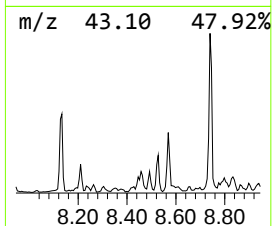
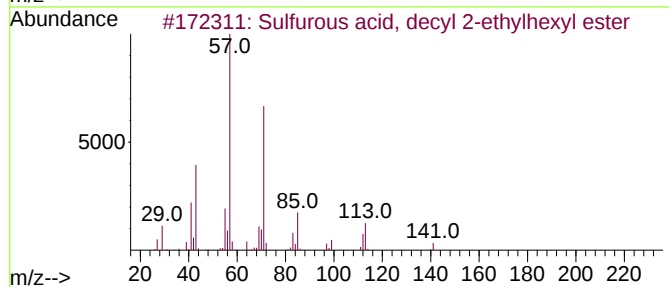
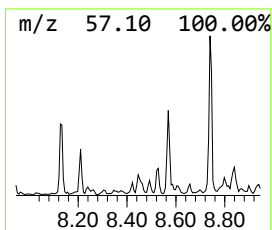
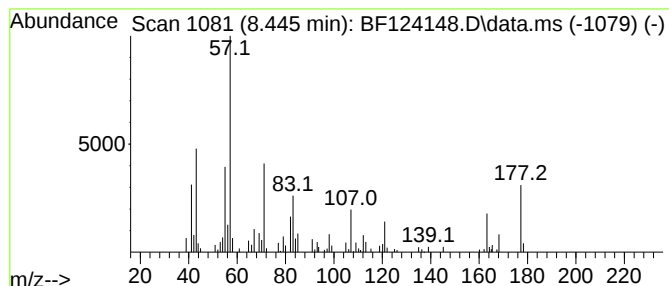
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.445 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	19.01 ng	261173	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	27
2			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	27
3			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	22
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	22
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	22



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Data File : BF124148.D
Acq On : 4 Jun 2021 19:44
Operator : JU/CG
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Misc :
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Instrument :
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ClientSampleId :
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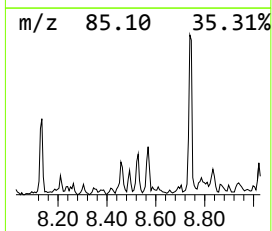
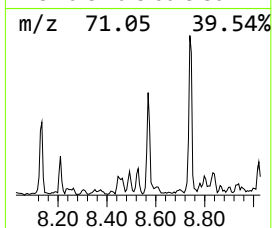
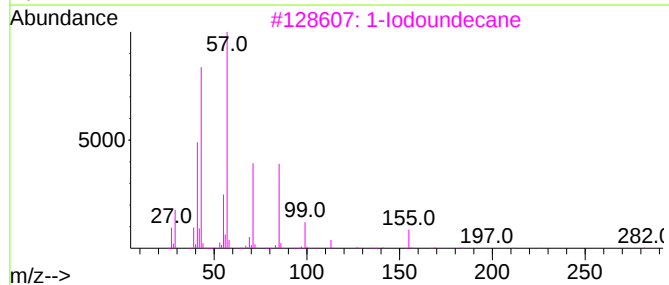
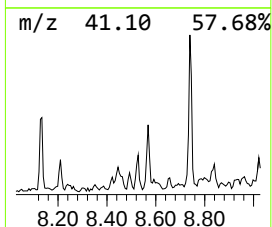
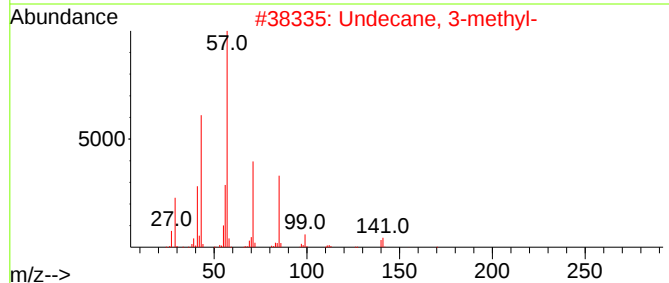
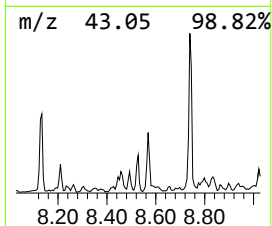
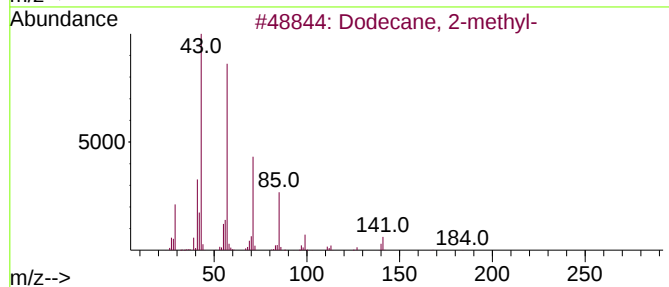
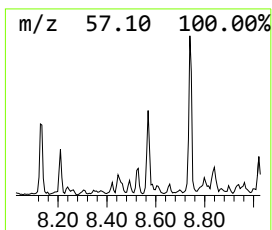
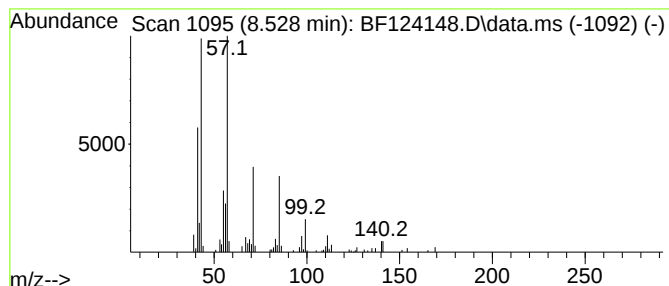
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	13.17 ng	180948	Naphthalene-d8	8.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
3		1-Iodoundecane	282	C11H23I	004282-44-4	64
4		5-Ethyldecane	170	C12H26	017302-36-2	59
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53



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Data File : BF124148.D
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Instrument :
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ClientSampleId :
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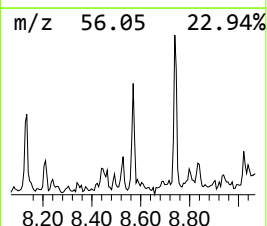
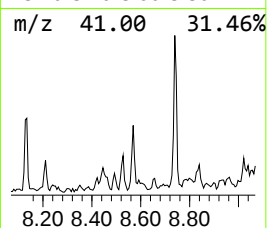
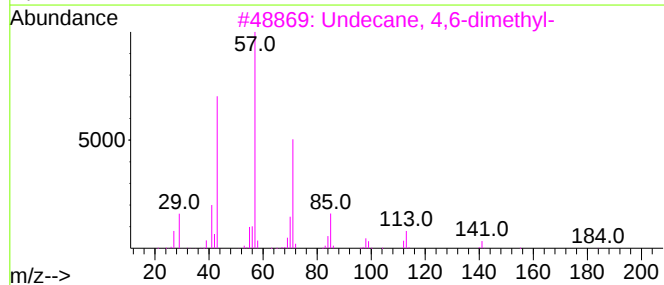
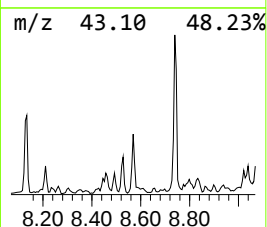
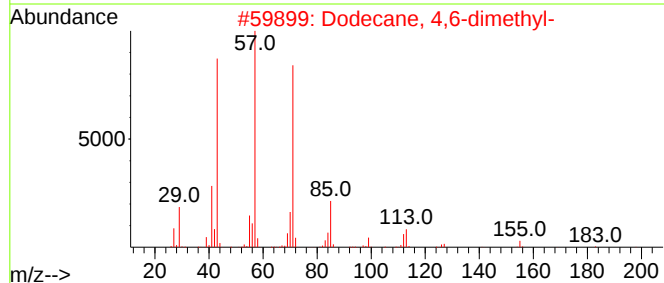
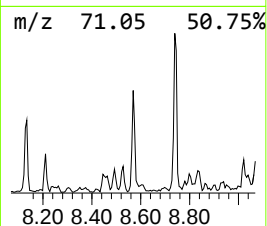
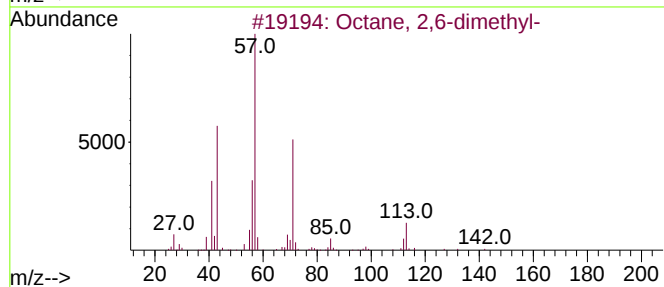
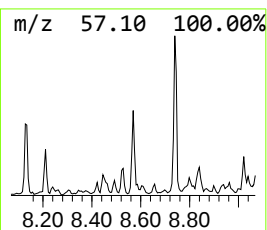
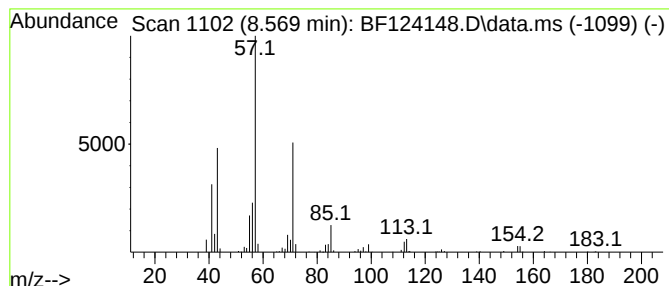
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.569	24.94 ng	342641	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124148.D
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Misc :
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ClientSampleId :
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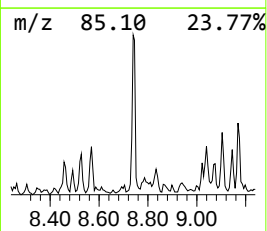
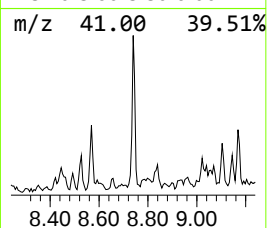
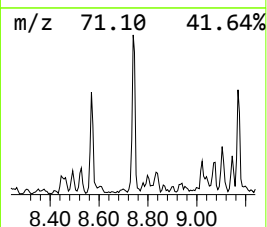
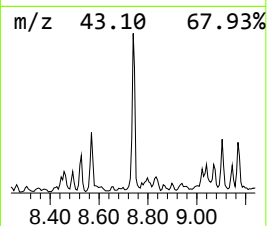
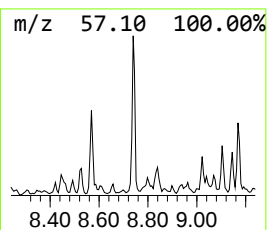
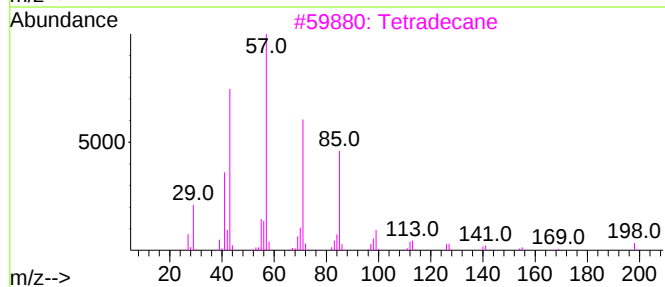
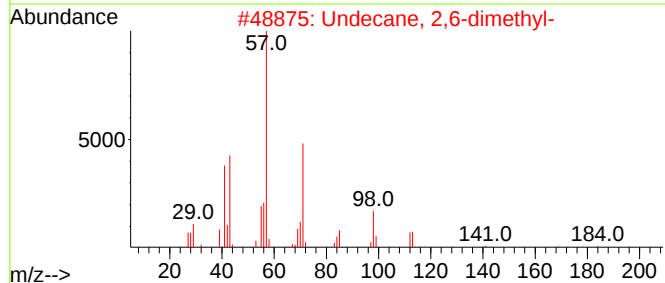
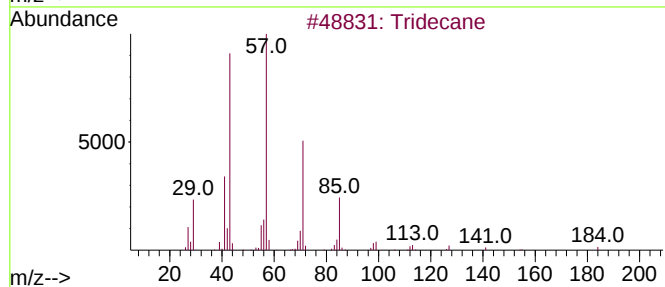
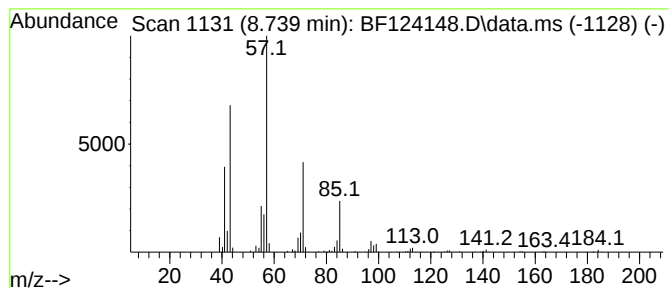
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.739	55.33 ng	760023	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
3			Tetradecane	198	C14H30	000629-59-4	83
4			Hexadecane	226	C16H34	000544-76-3	80
5			Dodecane	170	C12H26	000112-40-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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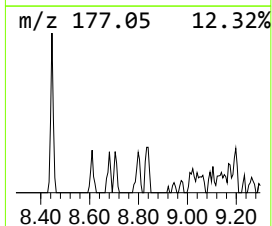
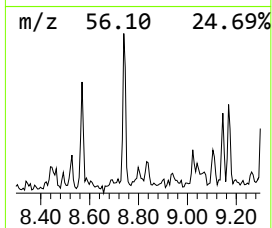
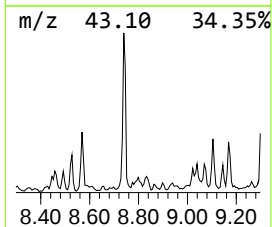
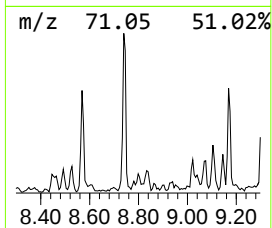
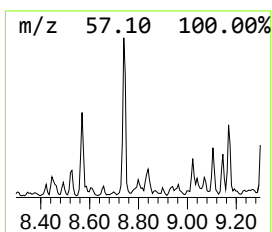
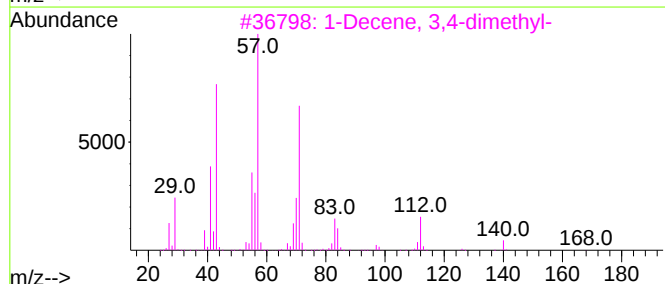
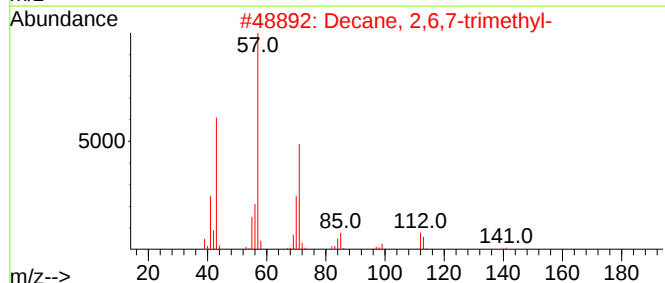
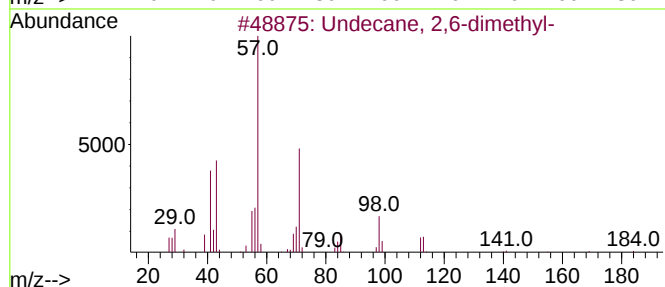
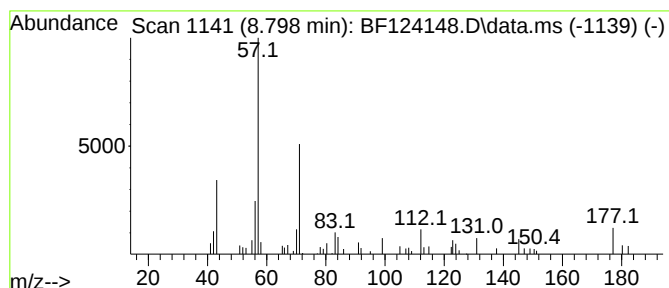
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.798	9.97 ng	136934	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
2			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	42
3			1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	42
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	40
5			Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	40



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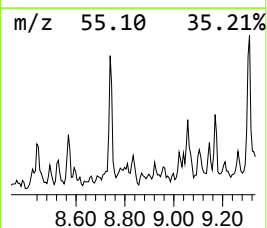
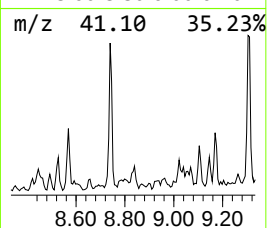
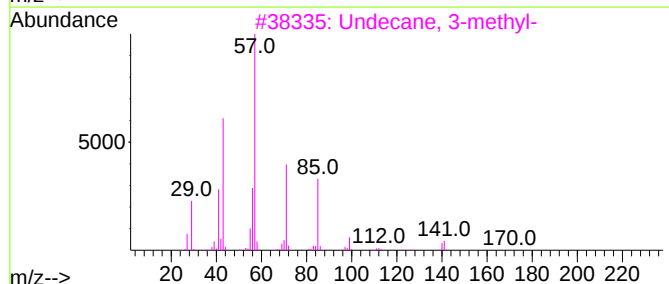
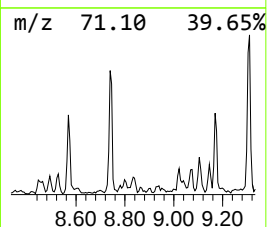
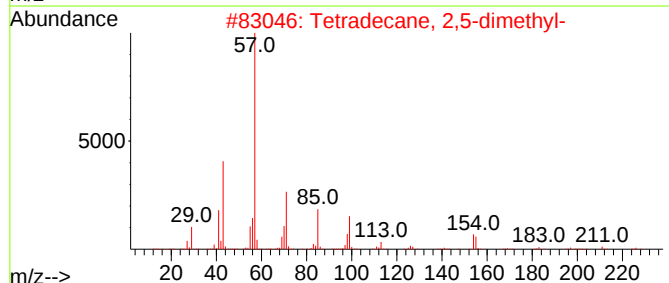
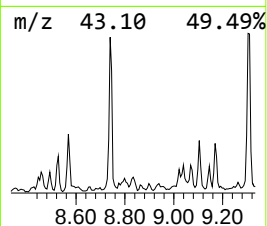
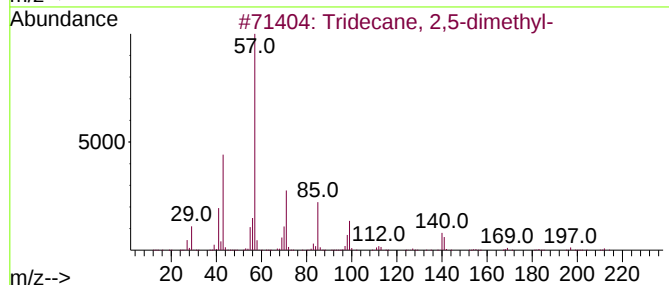
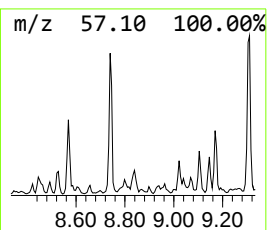
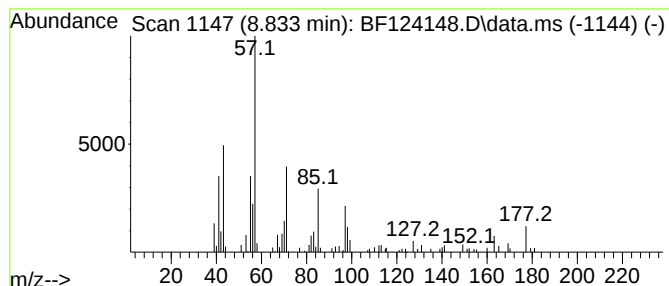
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.833	15.18 ng	208498	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	50
2			Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	50
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	50
4			5-Ethyldecane	170	C12H26	017302-36-2	47
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47



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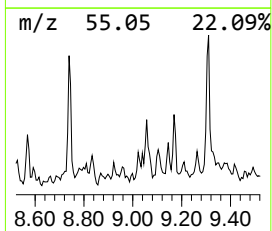
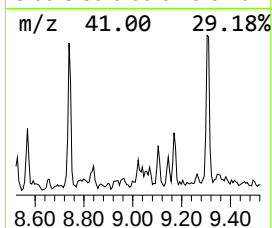
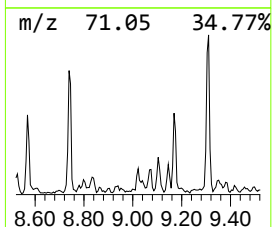
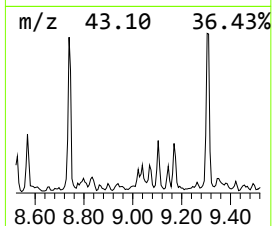
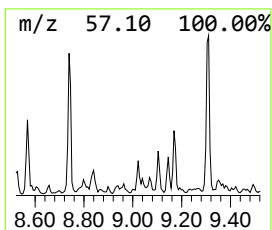
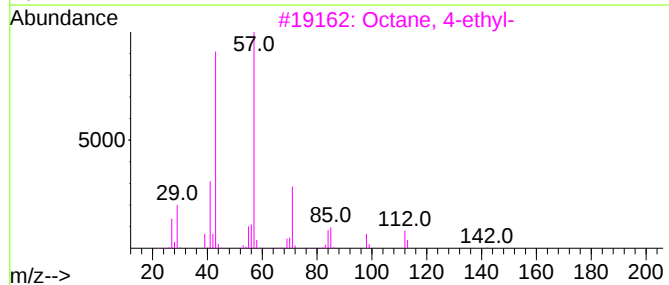
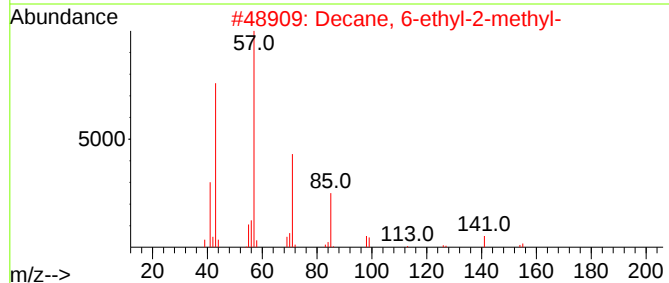
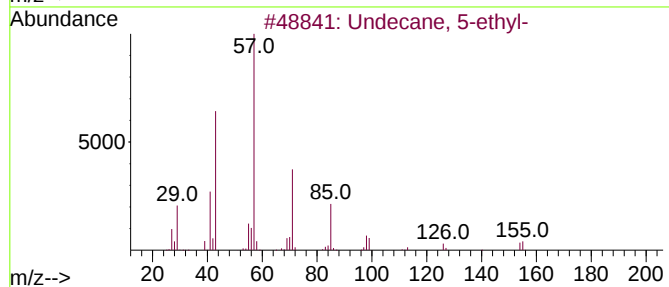
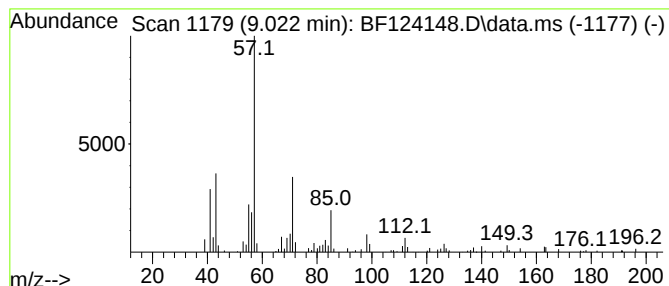
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 5-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.022	14.36 ng	197308	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
2			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	53
4			Pentadecane	212	C15H32	000629-62-9	50
5			Hexadecane	226	C16H34	000544-76-3	50



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Data File : BF124148.D
Acq On : 4 Jun 2021 19:44
Operator : JU/CG
Sample : M2512-08 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-1-3

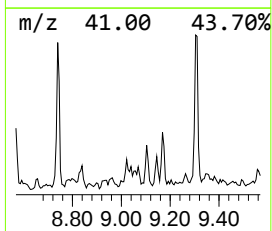
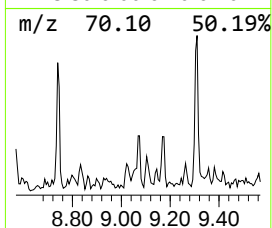
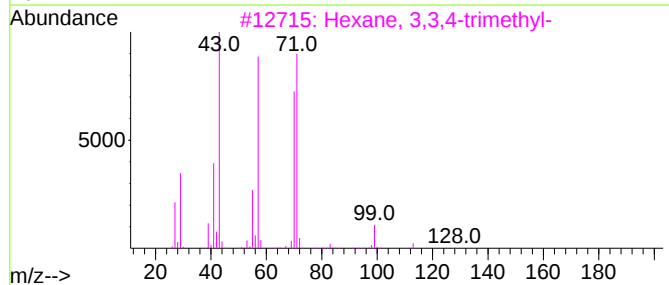
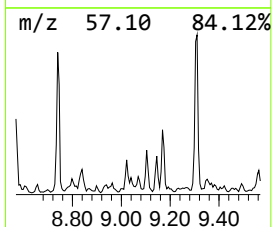
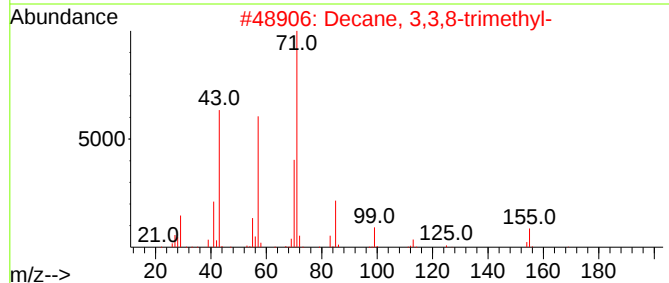
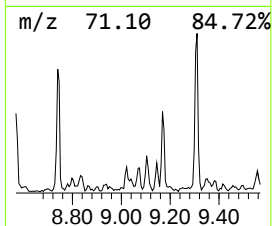
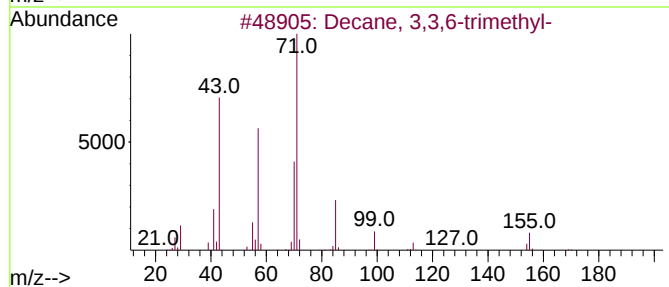
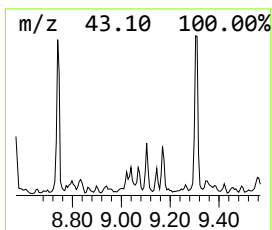
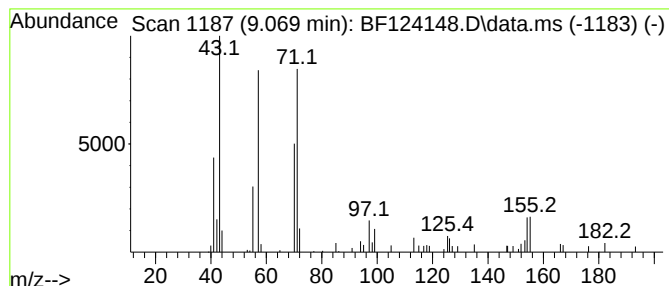
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 3,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	15.35 ng	246139	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	72
2		Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	72
3		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	59
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	56
5		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124148.D
Acq On : 4 Jun 2021 19:44
Operator : JU/CG
Sample : M2512-08 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-1-3

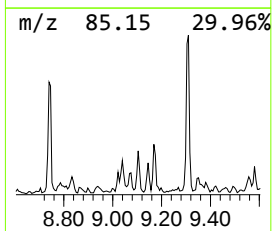
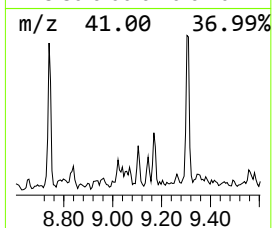
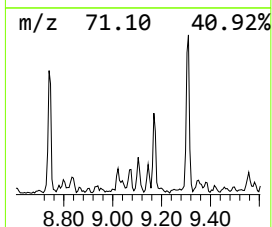
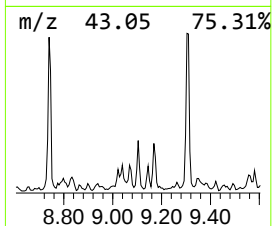
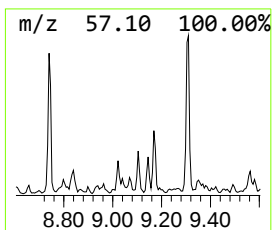
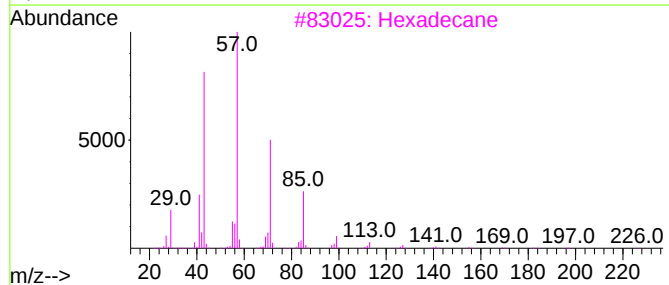
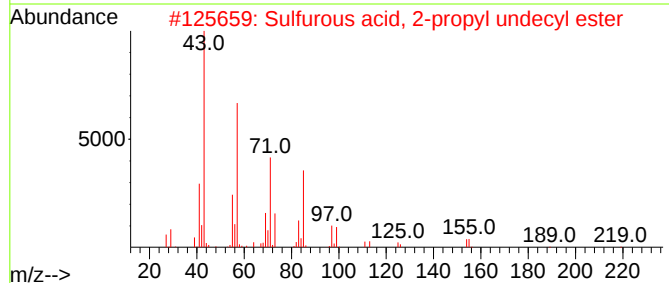
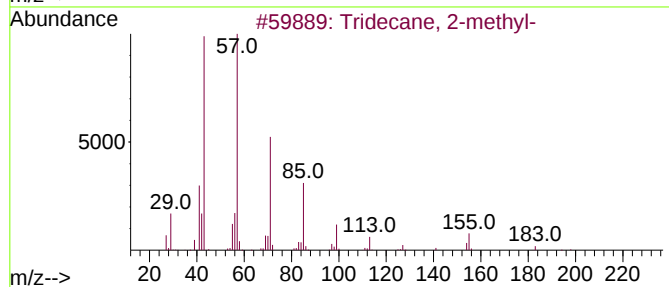
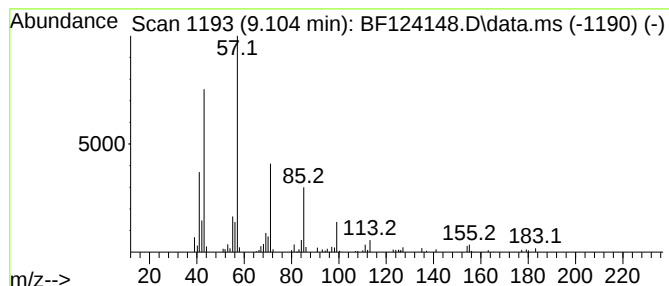
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	16.48 ng	264180	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124148.D
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Misc :
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ClientSampleId :
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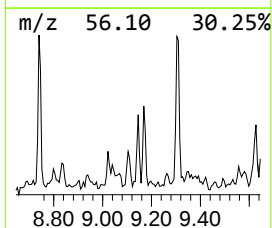
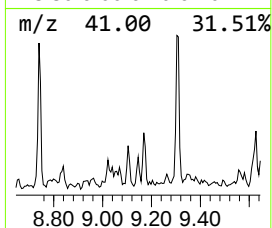
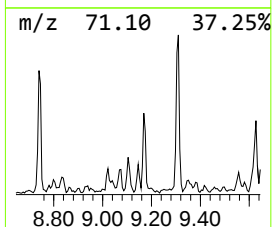
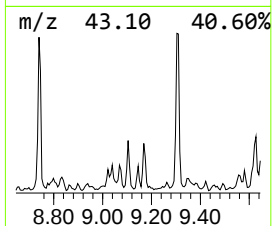
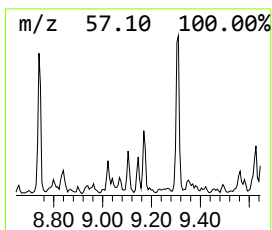
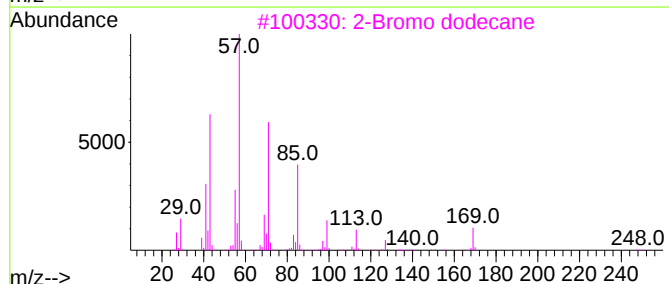
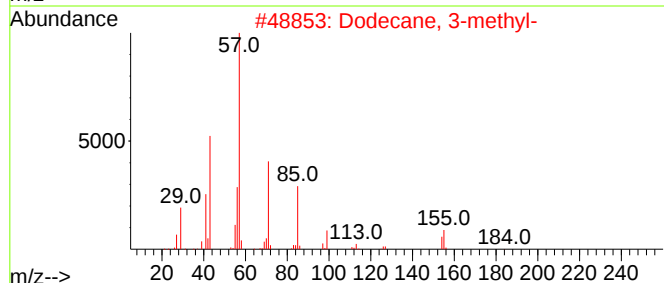
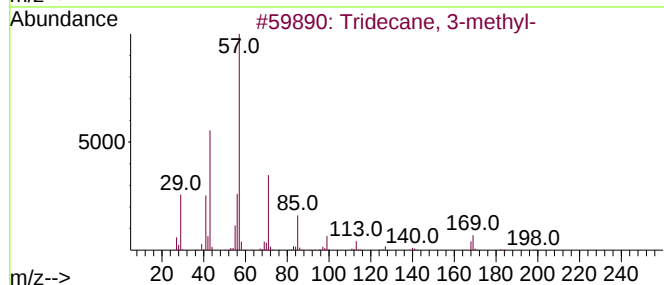
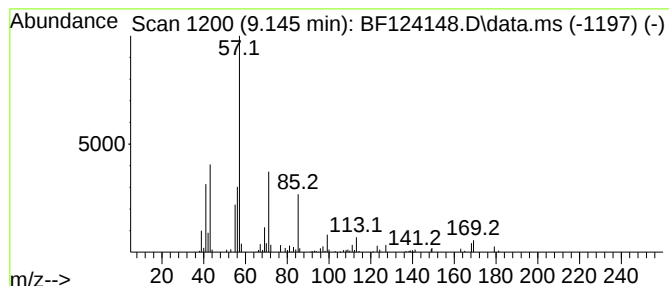
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.145	12.46 ng	199858	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	47
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	47
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124148.D
Acq On : 4 Jun 2021 19:44
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Misc :
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ClientSampleId :
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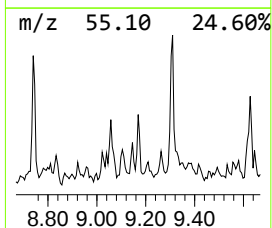
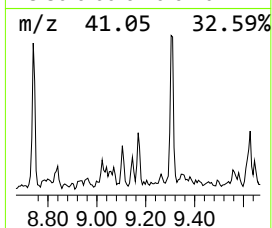
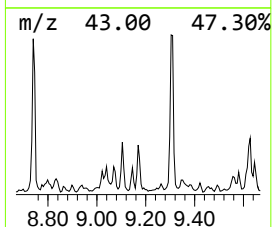
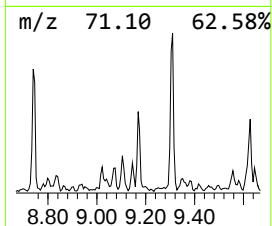
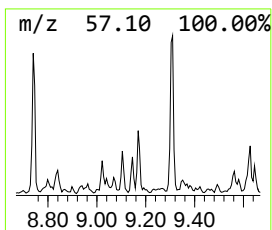
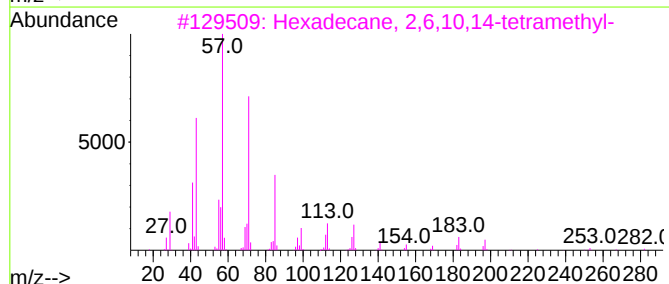
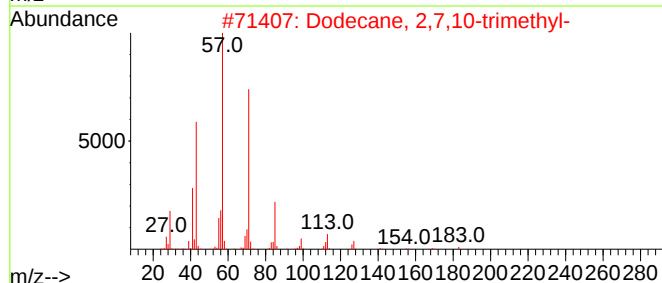
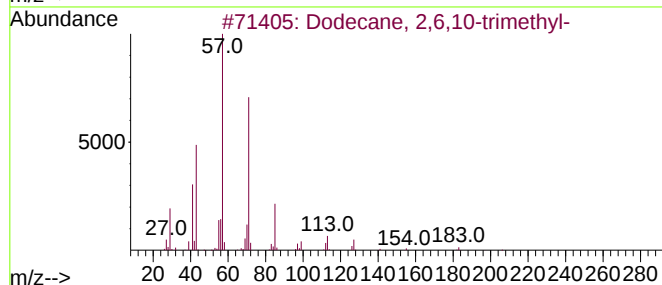
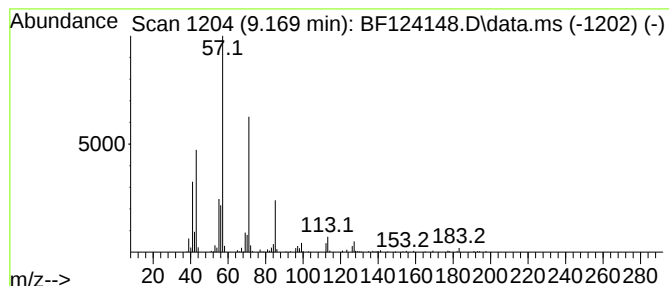
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	22.17 ng	355472	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124148.D
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Misc :
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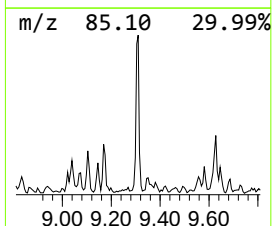
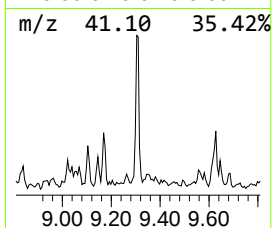
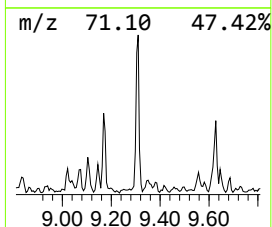
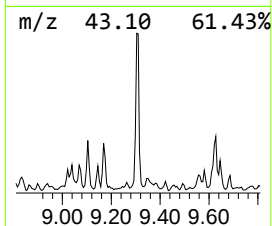
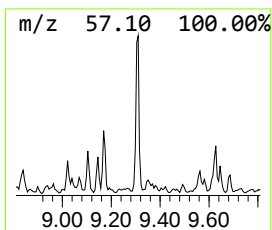
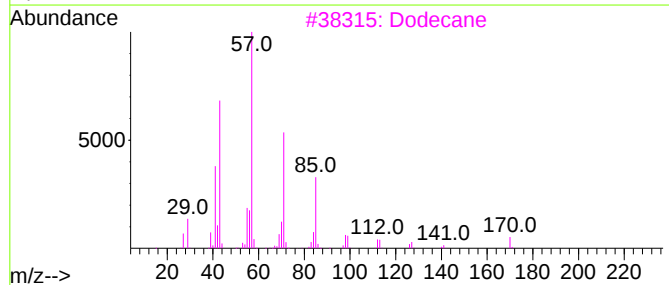
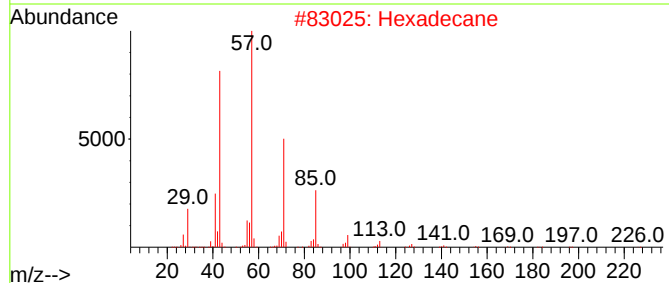
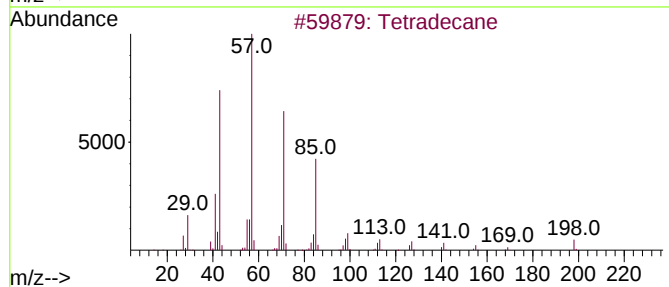
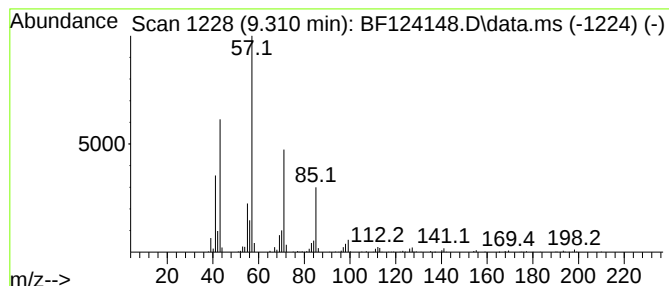
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	62.39 ng	1000440	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	90
3		Dodecane	170	C12H26	000112-40-3	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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Sample : M2512-08 50X
Misc :
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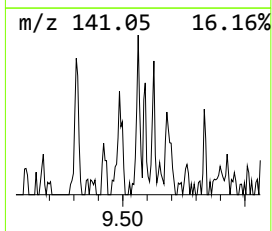
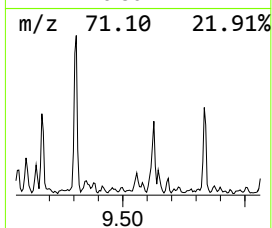
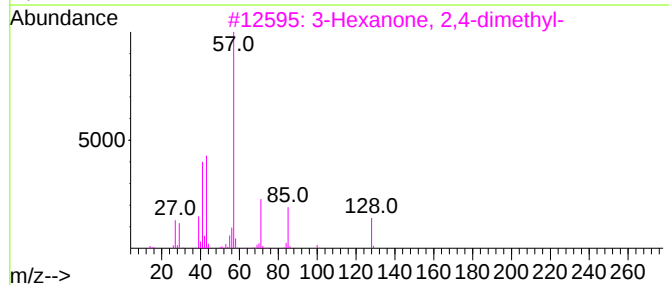
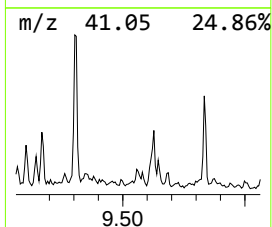
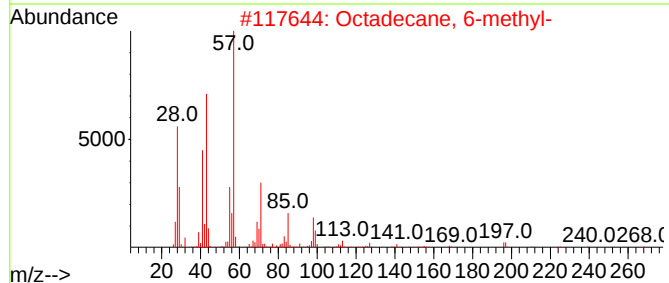
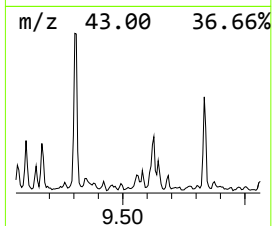
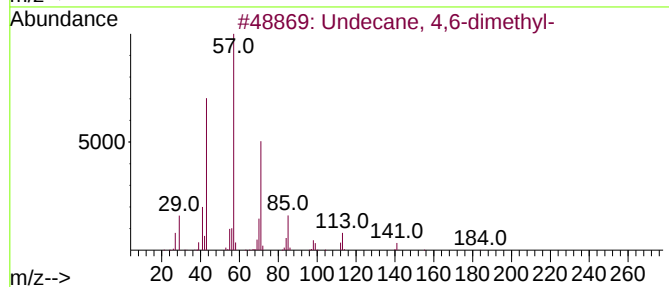
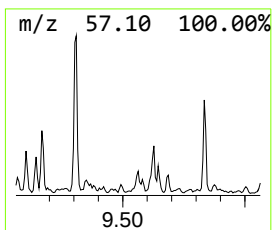
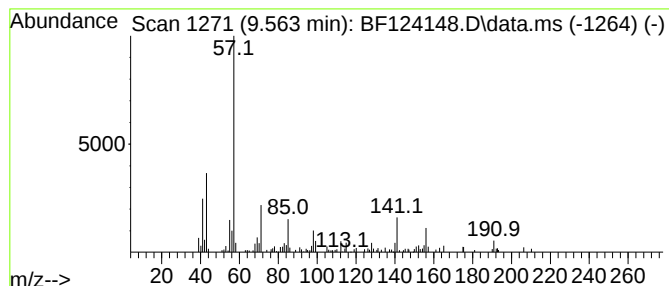
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.563 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.563	13.17 ng	211141	Acenaphthene-d10	9.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	47
2	Octadecane, 6-methyl-	268	C19H40	010544-96-4	43
3	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	43
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	35
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124148.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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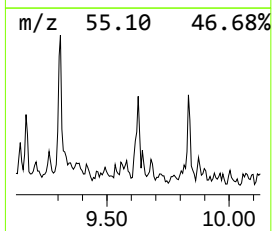
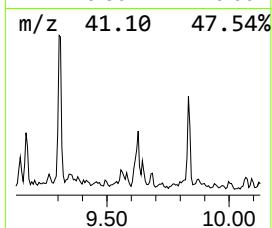
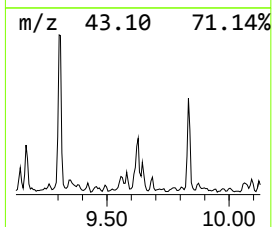
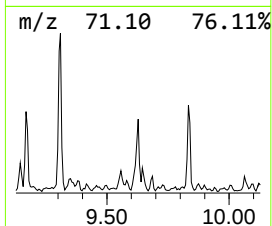
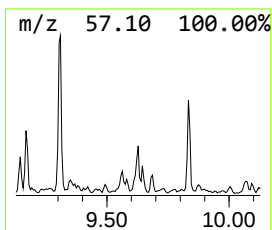
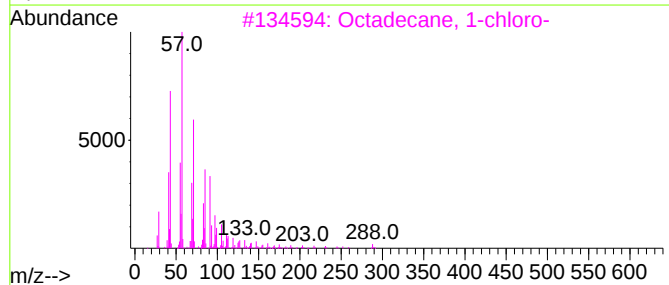
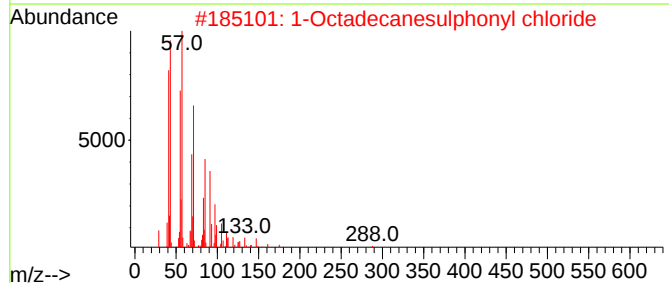
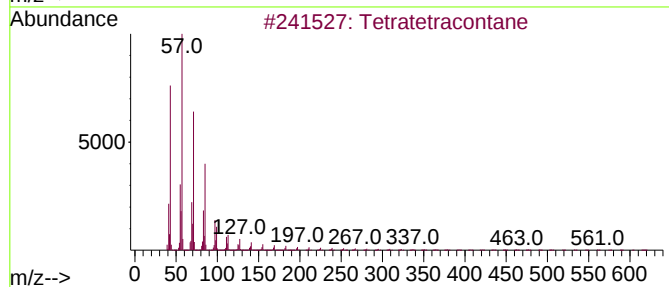
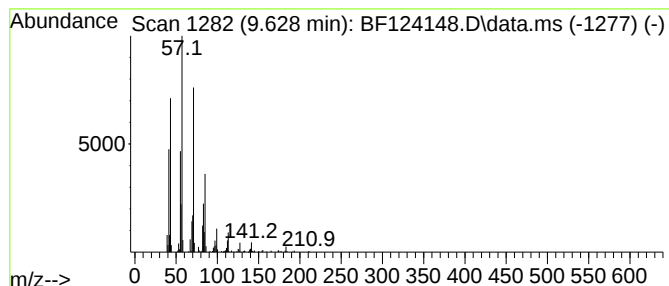
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	28.87 ng	462889	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	90
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
4		Tetracosane	338	C24H50	000646-31-1	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124148.D
Acq On : 4 Jun 2021 19:44
Operator : JU/CG
Sample : M2512-08 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1-3

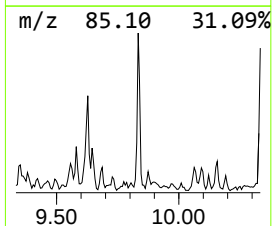
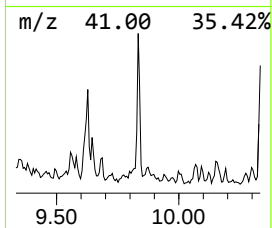
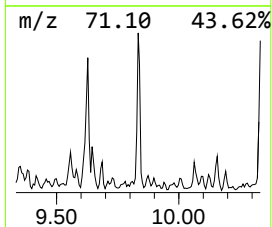
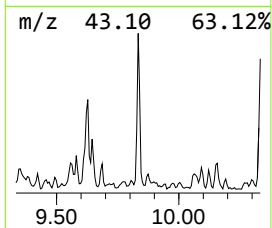
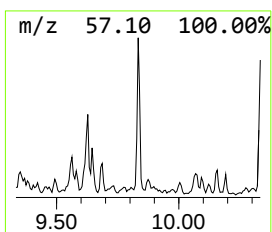
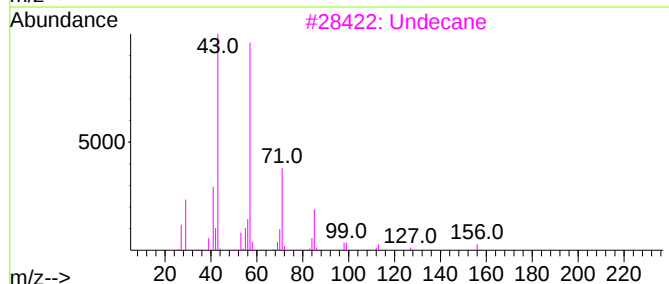
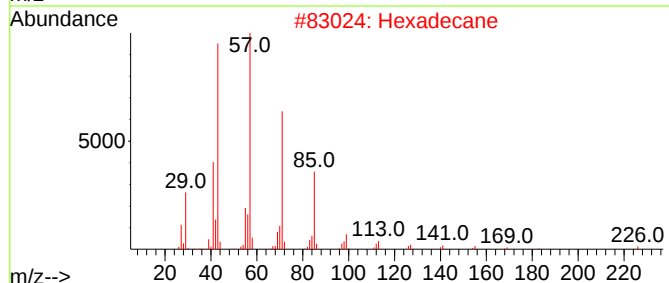
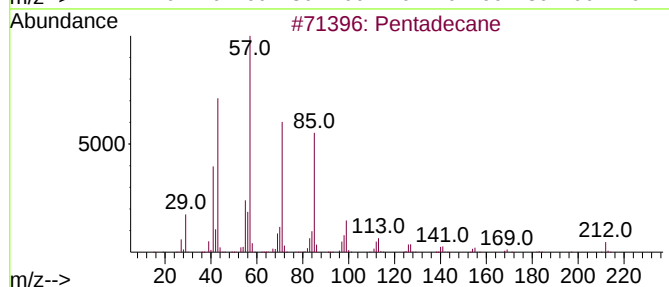
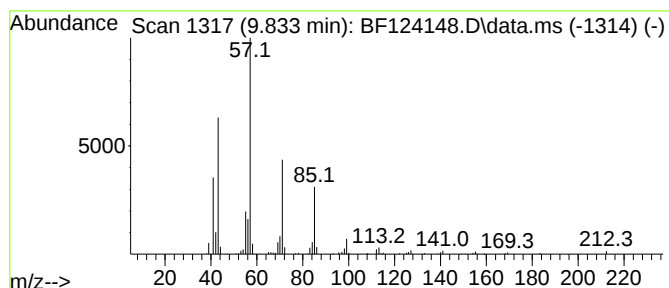
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	30.52 ng	489412	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		Undecane	156	C11H24	001120-21-4	86
4		Tetradecane	198	C14H30	000629-59-4	78
5		Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124148.D
Acq On : 4 Jun 2021 19:44
Operator : JU/CG
Sample : M2512-08 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

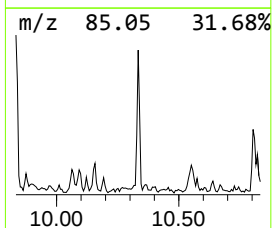
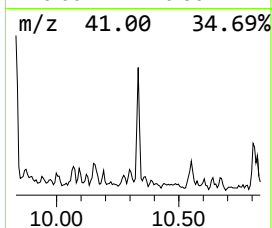
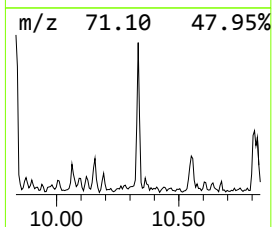
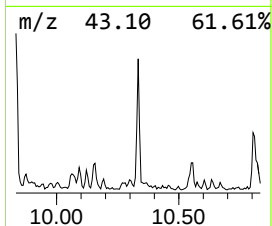
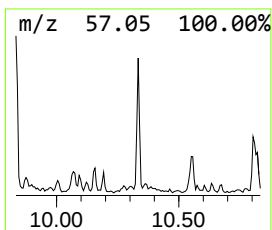
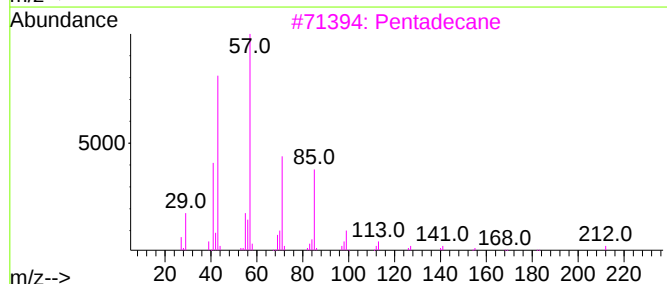
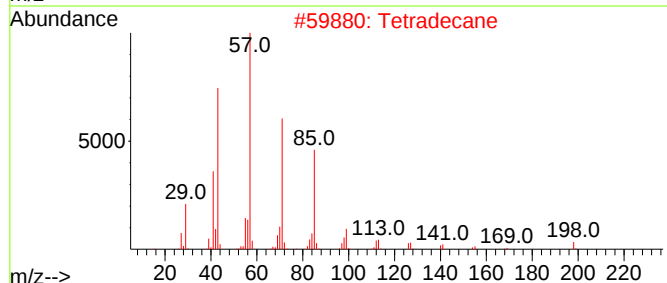
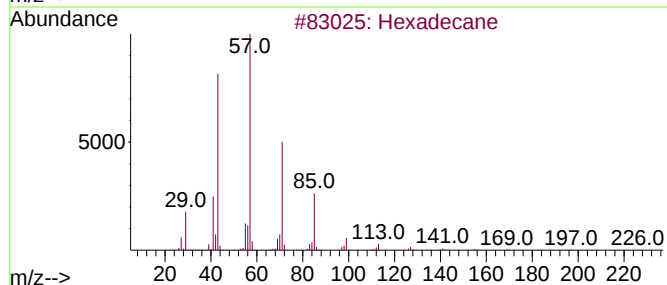
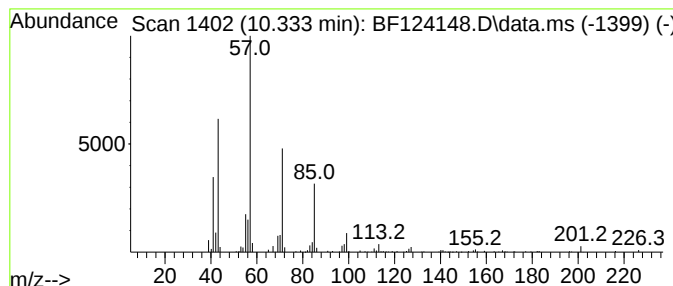
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ClientSampleId :
COMP-1-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.333	23.46 ng	376108	Acenaphthene-d10		9.904	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tetradecane		198	C14H30	000629-59-4	86
3	Pentadecane		212	C15H32	000629-62-9	86
4	Octacosane		394	C28H58	000630-02-4	72
5	Tridecane, 7-propyl-		226	C16H34	055045-09-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124148.D
Acq On : 4 Jun 2021 19:44
Operator : JU/CG
Sample : M2512-08 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1-3

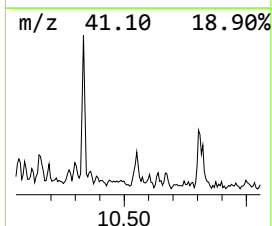
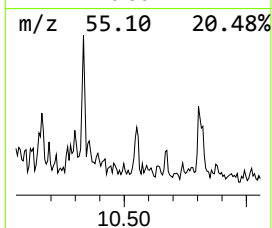
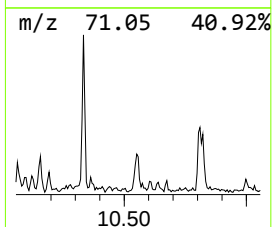
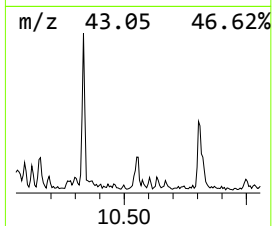
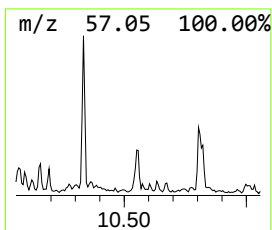
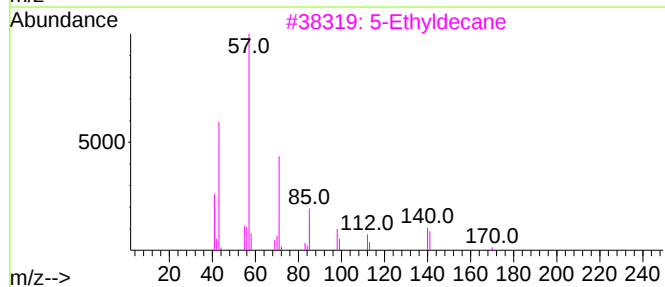
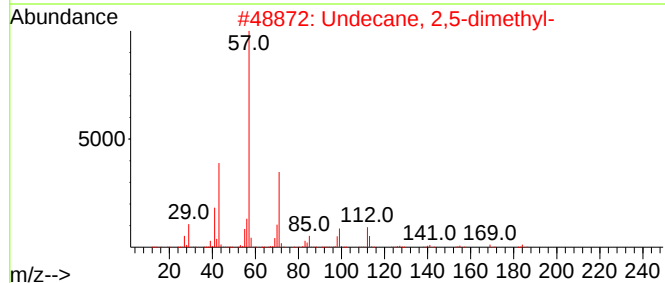
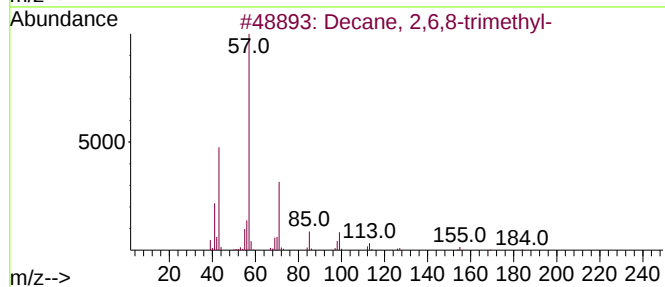
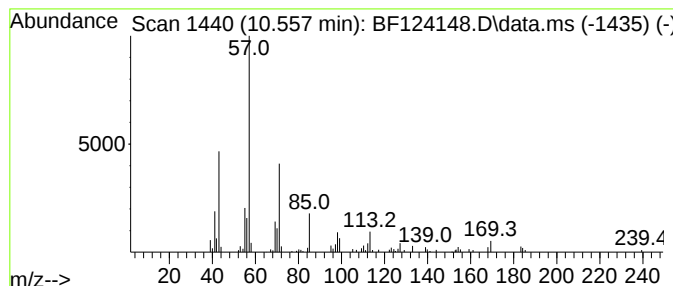
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Decane, 2,6,8-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	10.10 ng	161914	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	87
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	74
3		5-Ethyldecane	170	C12H26	017302-36-2	64
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124148.D
Acq On : 4 Jun 2021 19:44
Operator : JU/CG
Sample : M2512-08 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1-3

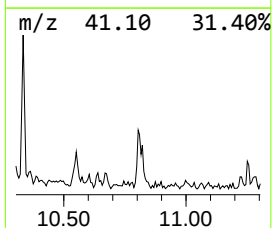
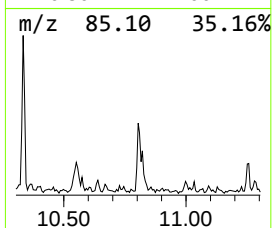
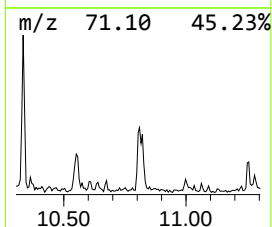
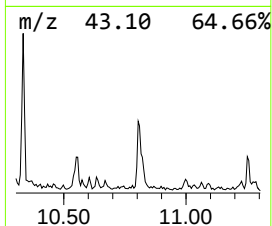
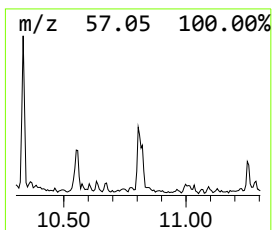
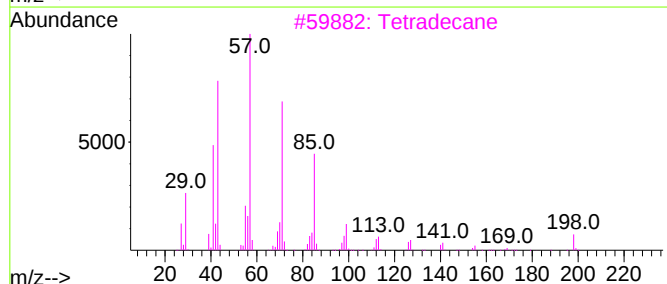
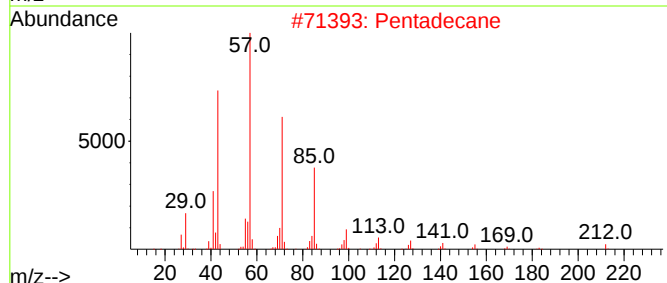
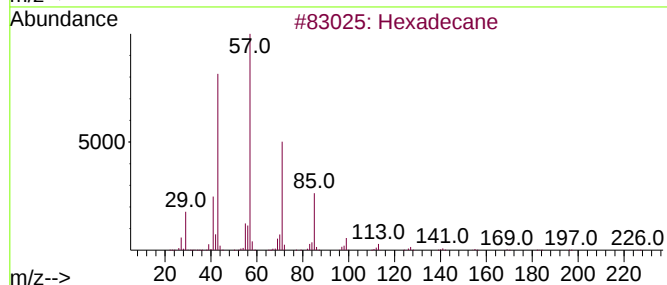
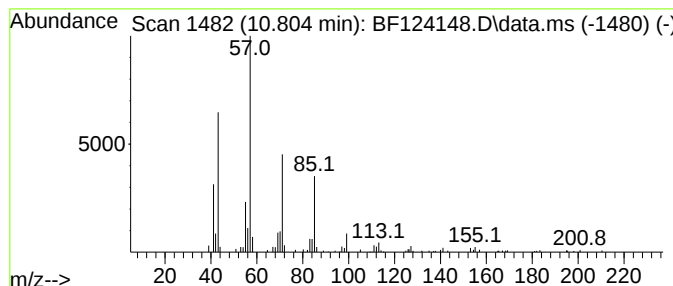
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 7-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	24.28 ng	296265	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Pentadecane	212	C15H32	000629-62-9	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124148.D
 Acq On : 4 Jun 2021 19:44
 Operator : JU/CG
 Sample : M2512-08 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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
Tetradecane	7.463	12.6	ng	142286	1	6.869	225985	20.0
Undecane, 2,6-d...	8.210	13.1	ng	179513	2	8.151	274729	20.0
unknown8.445	8.445	19.0	ng	261173	2	8.151	274729	20.0
Dodecane, 2-met...	8.528	13.2	ng	180948	2	8.151	274729	20.0
Octane, 2,6-dim...	8.569	24.9	ng	342641	2	8.151	274729	20.0
Tridecane	8.739	55.3	ng	760023	2	8.151	274729	20.0
Decane, 2,6,7-t...	8.798	10.0	ng	136934	2	8.151	274729	20.0
Tridecane, 2,5-...	8.833	15.2	ng	208498	2	8.151	274729	20.0
Undecane, 5-ethyl-	9.022	14.4	ng	197308	2	8.151	274729	20.0
Decane, 3,3,6-t...	9.069	15.4	ng	246139	3	9.904	320693	20.0
Tridecane, 2-me...	9.104	16.5	ng	264180	3	9.904	320693	20.0
Tridecane, 3-me...	9.145	12.5	ng	199858	3	9.904	320693	20.0
Dodecane, 2,6,1...	9.169	22.2	ng	355472	3	9.904	320693	20.0
Hexadecane	9.310	62.4	ng	1000440	3	9.904	320693	20.0
unknown9.563	9.563	13.2	ng	211141	3	9.904	320693	20.0
Tetratetracontane	9.628	28.9	ng	462889	3	9.904	320693	20.0
Pentadecane	9.833	30.5	ng	489412	3	9.904	320693	20.0
Octacosane	10.333	23.5	ng	376108	3	9.904	320693	20.0
Decane, 2,6,8-t...	10.557	10.1	ng	161914	3	9.904	320693	20.0
Tridecane, 7-pr...	10.804	24.3	ng	296265	4	11.392	244035	20.0