

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123947.D
 Acq On : 15 May 2021 16:17
 Operator : JU/CG
 Sample : M2392-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

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-BF051421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123947.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	10	15	21	rBV	386435	483154	57.40%	4.179%
2	2.287	30	34	38	rBV	29934	34379	4.08%	0.297%
3	4.563	417	421	428	rVB4	10635	21848	2.60%	0.189%
4	5.081	506	509	513	rVV3	18809	24883	2.96%	0.215%
5	5.134	513	518	522	rVB3	20651	31697	3.77%	0.274%
6	5.328	548	551	555	rBV4	21743	26114	3.10%	0.226%
7	5.510	578	582	585	rVB	849925	726239	86.28%	6.282%
8	5.687	608	612	617	rBV3	16782	26387	3.13%	0.228%
9	6.069	672	677	680	rVB3	29061	33713	4.01%	0.292%
10	6.157	689	692	698	rVV2	55239	72250	8.58%	0.625%
11	6.210	698	701	704	rVB	21747	20309	2.41%	0.176%
12	6.345	719	724	728	rBV3	32554	41548	4.94%	0.359%
13	6.404	732	734	737	rVB	41874	33037	3.92%	0.286%
14	6.439	737	740	743	rBV2	50857	60382	7.17%	0.522%
15	6.516	747	753	756	rVV	925289	841739	100.00%	7.281%
16	6.581	762	764	767	rVV3	24443	25068	2.98%	0.217%
17	6.645	771	775	780	rVV6	25712	49087	5.83%	0.425%
18	6.687	780	782	786	rVV4	19513	23633	2.81%	0.204%
19	6.739	790	791	794	rVV2	20320	20489	2.43%	0.177%
20	6.904	815	819	826	rVB2	328807	354585	42.13%	3.067%
21	6.963	826	829	832	rBV3	24683	28994	3.44%	0.251%
22	6.998	832	835	837	rBV3	16193	21853	2.60%	0.189%
23	7.051	841	844	848	rVB2	60765	52334	6.22%	0.453%
24	7.134	856	858	860	rBV2	23815	20272	2.41%	0.175%
25	7.181	863	866	869	rVB2	73208	63167	7.50%	0.546%
26	7.210	869	871	874	rBV2	33643	28057	3.33%	0.243%
27	7.245	874	877	881	rVB3	34306	37992	4.51%	0.329%
28	7.298	881	886	889	rBV3	59092	86352	10.26%	0.747%
29	7.334	889	892	896	rVB5	18175	23503	2.79%	0.203%
30	7.457	904	913	916	rBV	579791	629409	74.77%	5.444%
31	7.551	924	929	932	rVB4	68836	98721	11.73%	0.854%
32	7.616	932	940	943	rBV4	52071	112412	13.35%	0.972%
33	7.663	943	948	949	rVV3	31031	44298	5.26%	0.383%
34	7.686	949	952	954	rVV	75607	74472	8.85%	0.644%
35	7.710	954	956	959	rVV	79436	66054	7.85%	0.571%
36	7.786	965	969	971	rBV3	44162	45506	5.41%	0.394%

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Smoother: ON

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.804	971	972	974	rVV	49475	38749	4.60%	0.335%
38	7.828	974	976	980	rVV3	96902	85001	10.10%	0.735%
39	7.863	980	982	986	rVB2	54984	67364	8.00%	0.583%
40	7.904	986	989	991	rBV2	65529	52240	6.21%	0.452%

41	7.939	991	995	999	rVB3	64880	83003	9.86%	0.718%
42	7.981	999	1002	1004	rBV2	61941	45257	5.38%	0.391%
43	8.004	1004	1006	1012	rVB5	37037	42888	5.10%	0.371%
44	8.057	1012	1015	1019	rBV3	34994	51184	6.08%	0.443%
45	8.139	1025	1029	1032	rVV5	39055	58255	6.92%	0.504%

46	8.186	1032	1037	1041	rVV	465143	453608	53.89%	3.924%
47	8.251	1043	1048	1050	rVB	244507	239092	28.40%	2.068%
48	8.275	1050	1052	1055	rBV3	62448	54737	6.50%	0.473%
49	8.339	1060	1063	1065	rVV3	31332	39515	4.69%	0.342%
50	8.363	1065	1067	1069	rVV2	35859	35115	4.17%	0.304%

51	8.392	1069	1072	1074	rVV3	54535	60072	7.14%	0.520%
52	8.428	1074	1078	1079	rVV3	23789	32733	3.89%	0.283%
53	8.481	1080	1087	1093	rVV5	128658	221995	26.37%	1.920%
54	8.533	1093	1096	1099	rVV2	76060	81044	9.63%	0.701%
55	8.563	1099	1101	1106	rVV2	79727	93663	11.13%	0.810%

56	8.610	1106	1109	1111	rVV	310993	258668	30.73%	2.237%
57	8.628	1111	1112	1114	rVV2	62048	51598	6.13%	0.446%
58	8.651	1114	1116	1121	rVV4	53168	51226	6.09%	0.443%
59	8.692	1121	1123	1126	rVV3	34121	31386	3.73%	0.271%
60	8.733	1126	1130	1134	rVV6	47254	73997	8.79%	0.640%

61	8.780	1135	1138	1142	rVV5	55245	89725	10.66%	0.776%
62	8.822	1142	1145	1146	rVV2	38784	50240	5.97%	0.435%
63	8.839	1146	1148	1151	rVV4	54319	72912	8.66%	0.631%
64	8.875	1151	1154	1158	rVB	94263	98490	11.70%	0.852%
65	8.939	1163	1165	1167	rVB2	31560	24036	2.86%	0.208%

66	8.975	1167	1171	1173	rBV5	37383	58444	6.94%	0.506%
67	9.063	1183	1186	1187	rBV	68045	53551	6.36%	0.463%
68	9.098	1190	1192	1196	rVB2	60344	79663	9.46%	0.689%
69	9.145	1196	1200	1203	rVB3	31131	40809	4.85%	0.353%
70	9.186	1203	1207	1208	rBV	55287	48764	5.79%	0.422%

71	9.210	1208	1211	1216	rVB	221430	181791	21.60%	1.572%
72	9.263	1216	1220	1222	rVB	872918	735037	87.32%	6.358%
73	9.345	1230	1234	1237	rBV2	73826	103709	12.32%	0.897%
74	9.416	1244	1246	1251	rVB6	32137	34464	4.09%	0.298%
75	9.457	1251	1253	1257	rVB4	24605	23957	2.85%	0.207%

76	9.575	1270	1273	1275	rVV4	23714	24607	2.92%	0.213%
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77	9.598	1275	1277	1279	rVV3	45660	39274	4.67%	0.340%
78	9.622	1279	1281	1283	rVV2	48922	34837	4.14%	0.301%
79	9.663	1283	1288	1291	rVV3	187732	272659	32.39%	2.358%
80	9.722	1295	1298	1300	rVB4	24193	24961	2.97%	0.216%
81	9.816	1310	1314	1316	rBV5	23397	29030	3.45%	0.251%
82	9.939	1332	1335	1339	rVB	477224	386492	45.92%	3.343%
83	10.051	1351	1354	1357	rVB4	18972	24137	2.87%	0.209%
84	10.104	1358	1363	1366	rBV5	17919	31206	3.71%	0.270%
85	10.133	1366	1368	1371	rVB3	25806	21760	2.59%	0.188%
86	10.198	1377	1379	1383	rVB4	18590	21256	2.53%	0.184%
87	10.592	1441	1446	1449	rBV2	31237	43124	5.12%	0.373%
88	10.722	1464	1468	1472	rBV	475639	410550	48.77%	3.551%
89	10.863	1488	1492	1495	rVB	34513	36501	4.34%	0.316%
90	11.427	1584	1588	1591	rBV	416095	328354	39.01%	2.840%
91	11.951	1674	1677	1680	rBV5	26338	22396	2.66%	0.194%
92	12.639	1790	1794	1797	rBV	23651	21964	2.61%	0.190%
93	13.010	1853	1857	1861	rBV	706578	620200	73.68%	5.364%
94	13.592	1952	1956	1959	rBV6	12516	23012	2.73%	0.199%
95	13.910	2005	2010	2013	rBV	100385	112365	13.35%	0.972%
96	14.063	2032	2036	2040	rBV	301643	300918	35.75%	2.603%
97	15.557	2286	2290	2295	rVB	213605	251929	29.93%	2.179%
98	16.304	2413	2417	2423	rVB8	17189	38385	4.56%	0.332%
99	16.580	2460	2464	2468	rBV7	11603	18946	2.25%	0.164%
100	16.751	2486	2493	2498	rBV10	19420	40506	4.81%	0.350%

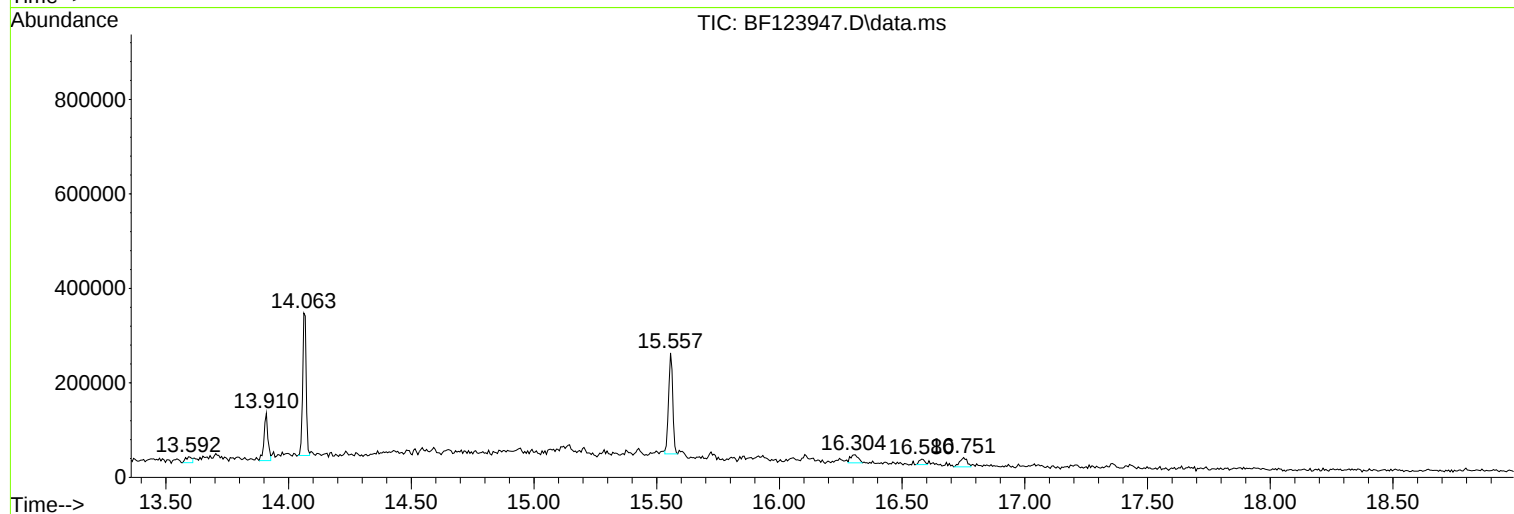
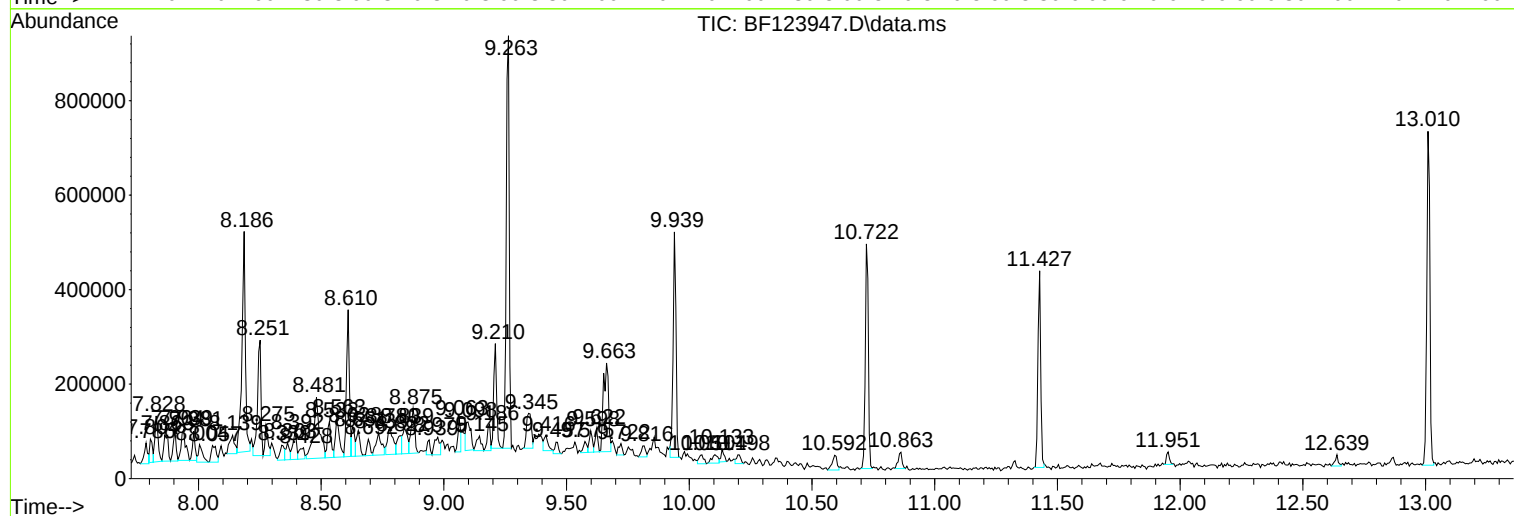
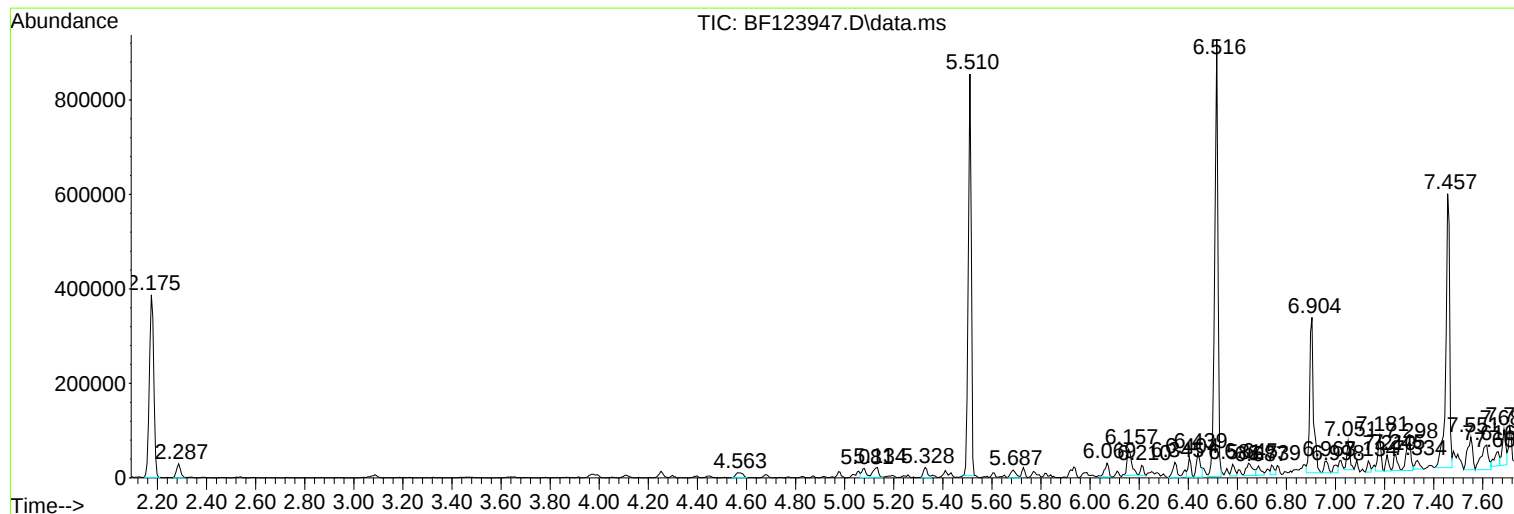
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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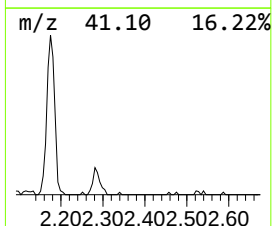
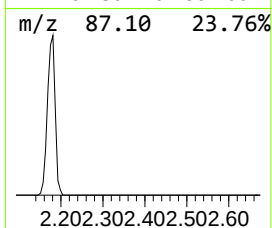
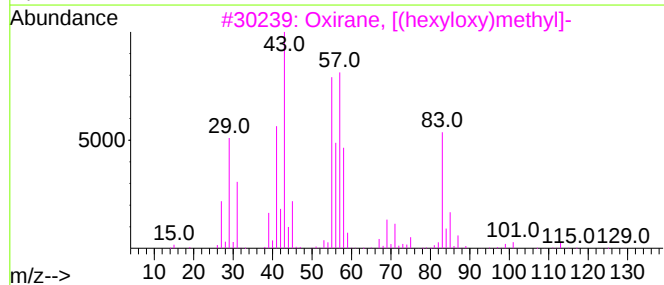
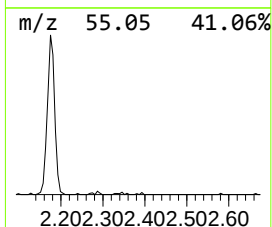
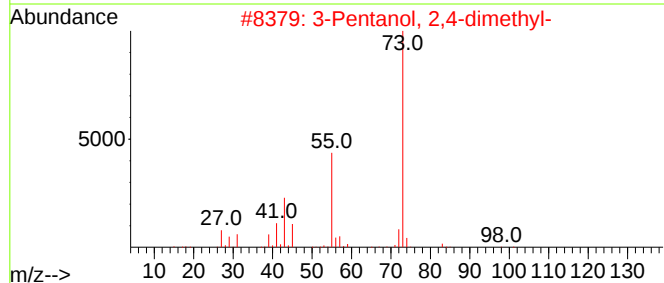
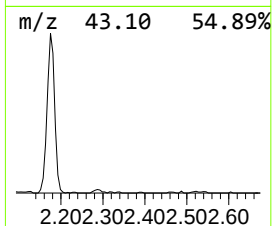
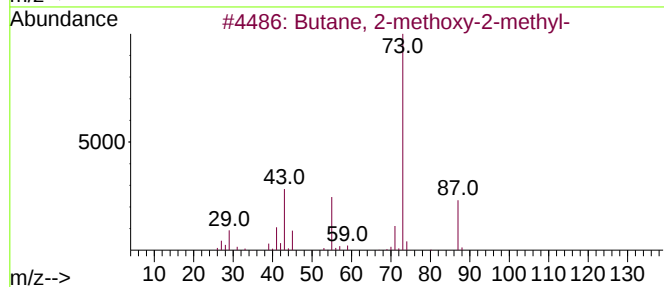
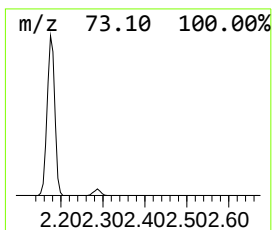
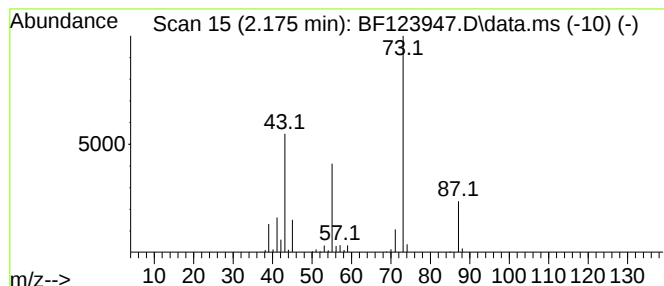
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	27.25 ng	483154	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3			Oxirane, [(hexyloxy)methyl]-	158	C9H18O2	005926-90-9	12
4			Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5			1-Pentanamine	87	C5H13N	000110-58-7	9



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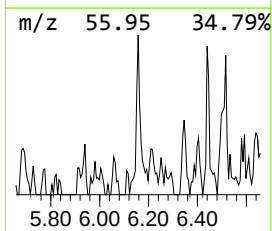
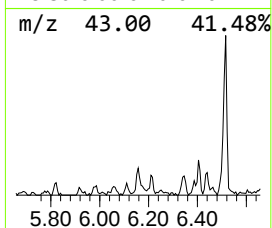
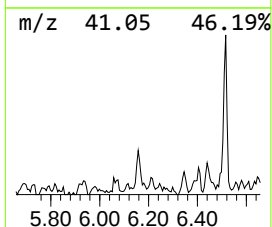
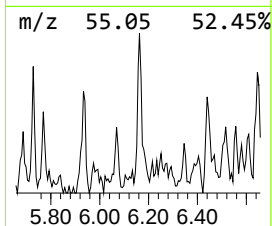
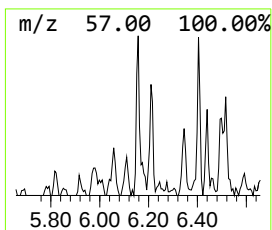
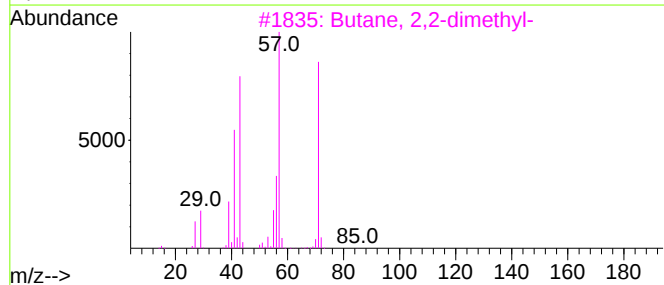
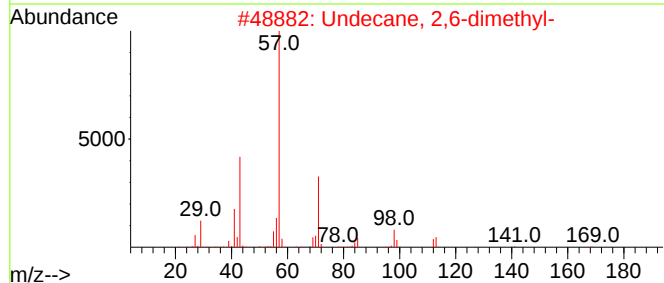
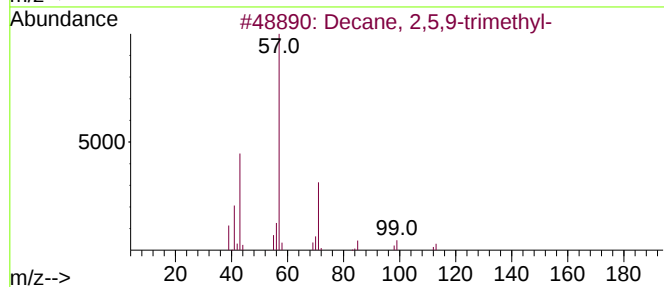
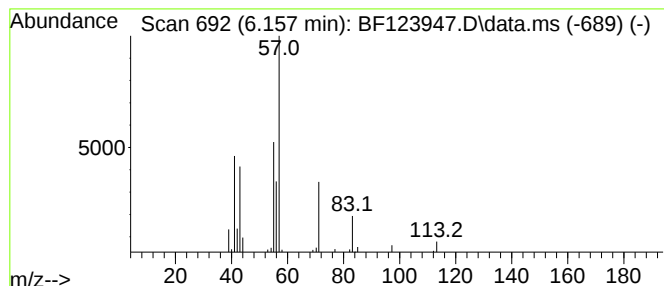
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.157 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.157	4.08 ng	72250	1,4-Dichlorobenzene-d4	6.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	47
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
3		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	40
5		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	40



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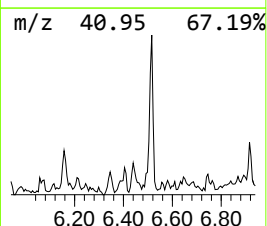
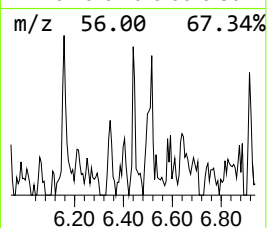
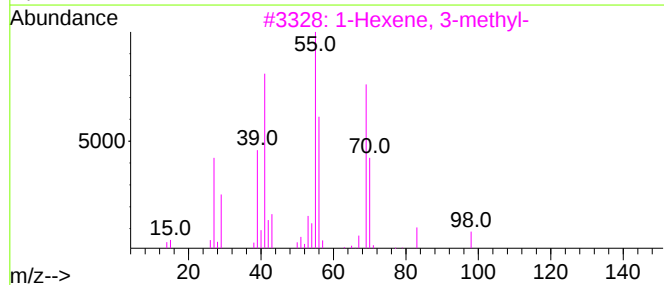
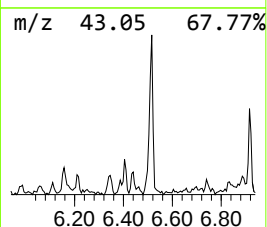
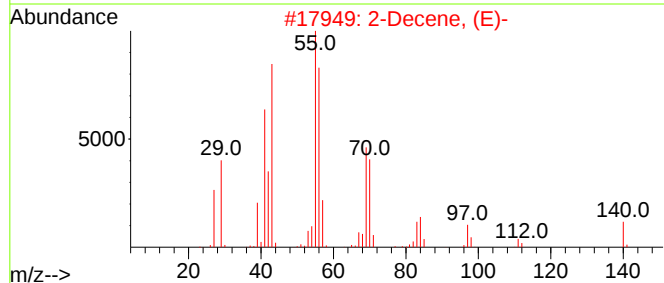
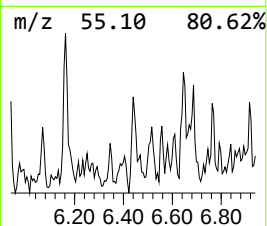
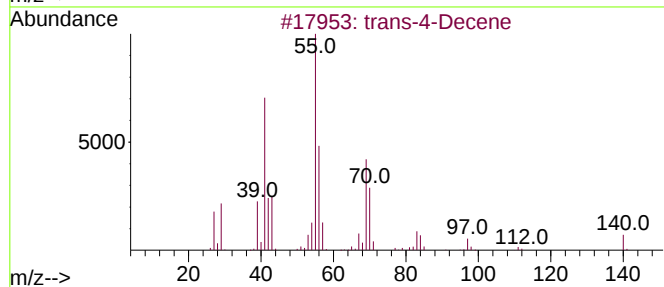
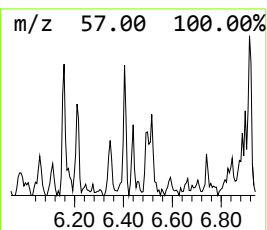
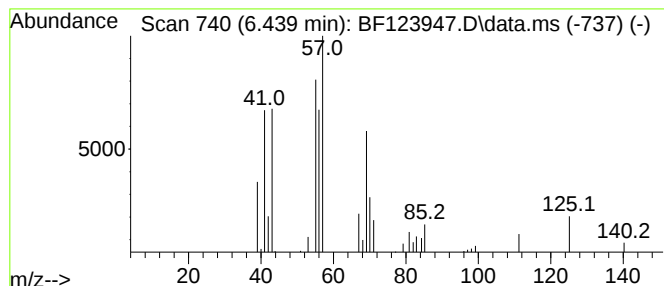
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 trans-4-Decene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.439	3.41 ng	60382	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4-Decene	140	C10H20	019398-89-1	52
2			2-Decene, (E)-	140	C10H20	020063-97-2	46
3			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	45
4			4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	38
5			1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
Operator : JU/CG
Sample : M2392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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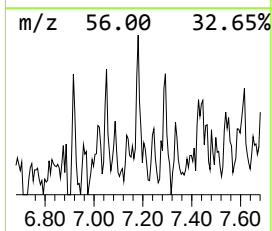
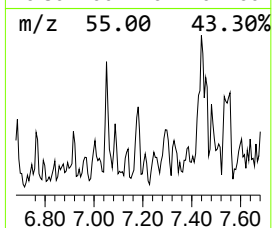
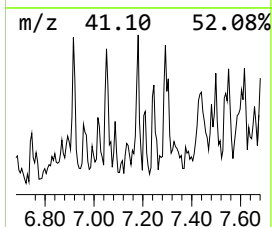
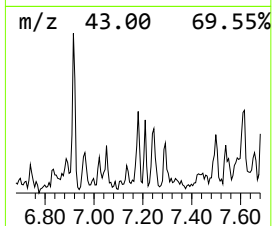
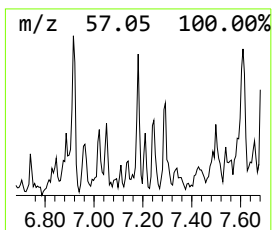
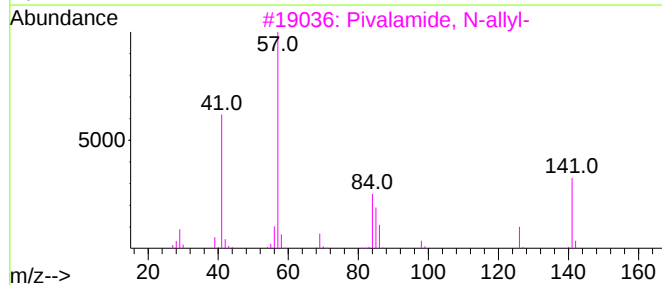
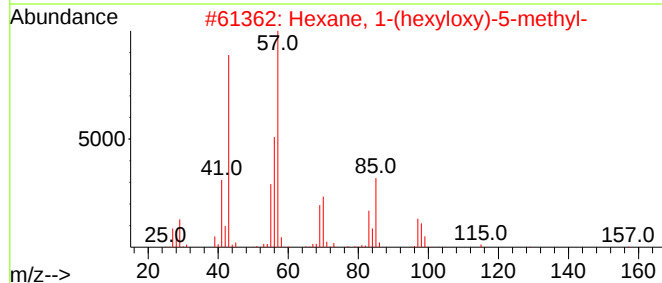
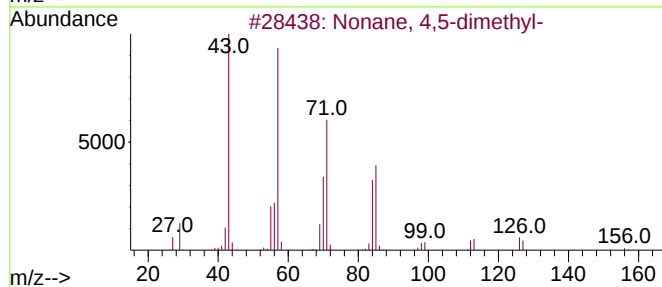
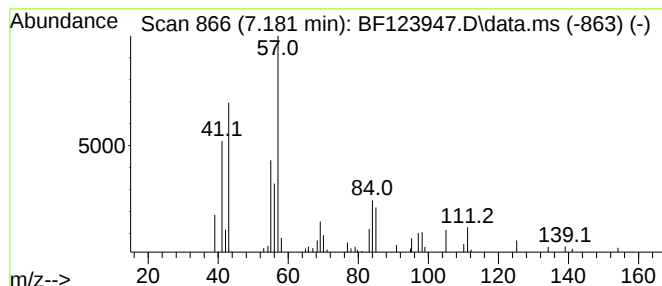
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.181 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.181	3.56 ng	63167	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	47
2			Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	43
3			Pivalamide, N-allyl-	141	C8H15NO	1000345-72-4	43
4			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	43
5			2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
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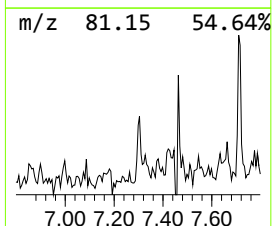
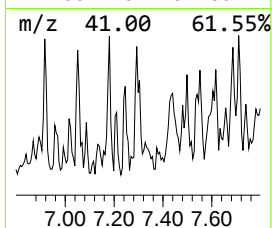
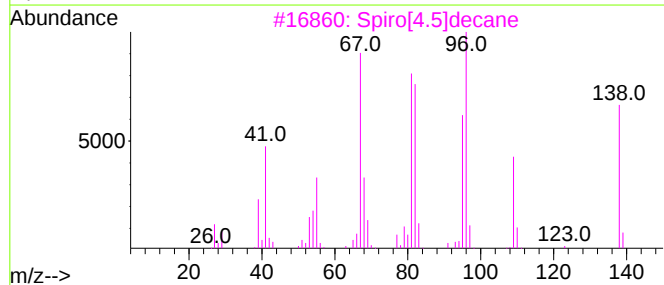
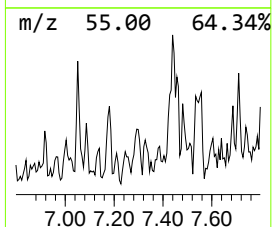
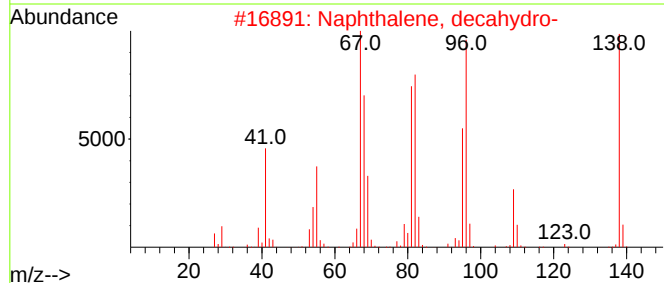
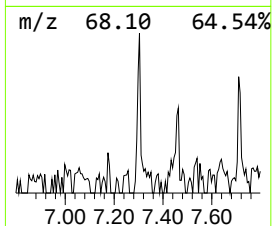
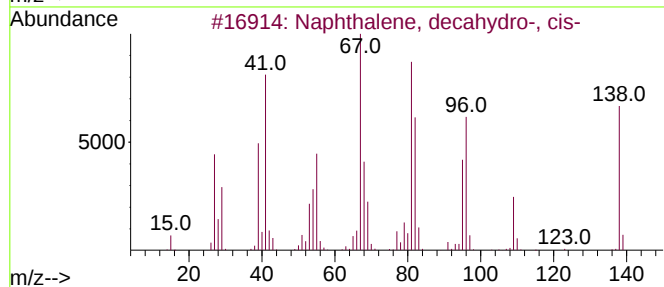
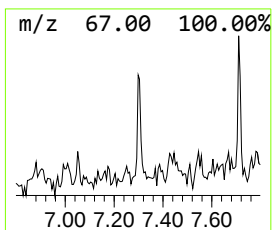
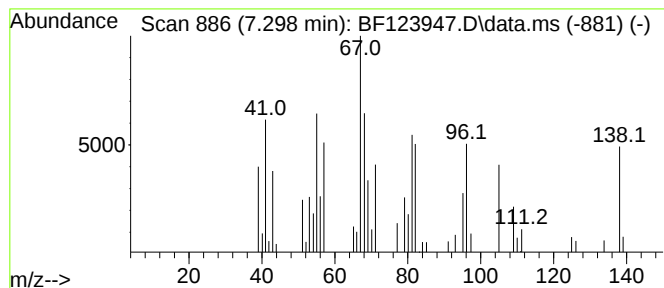
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, decahydro-, cis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.298	4.87 ng	86352	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	81
3			Spiro[4.5]decane	138	C10H18	000176-63-6	81
4			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	76
5			1H-Inden-1-one, octahydro-	138	C9H14O	029927-85-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
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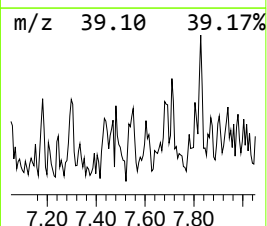
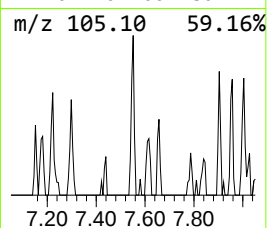
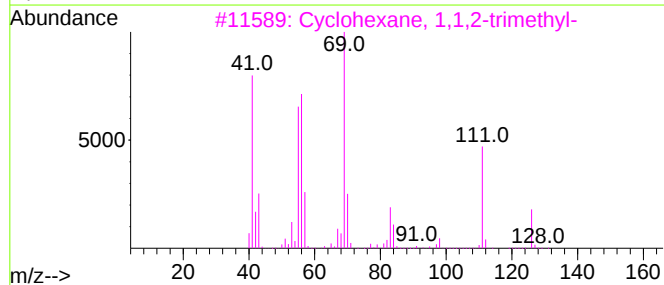
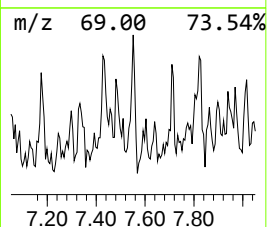
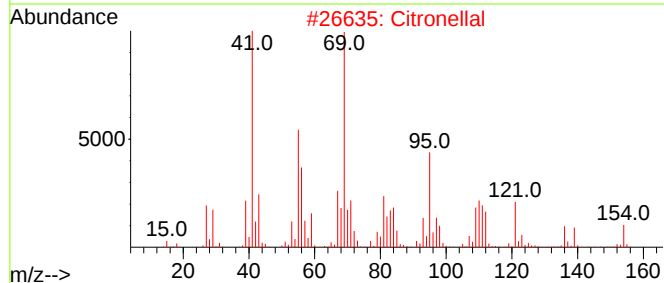
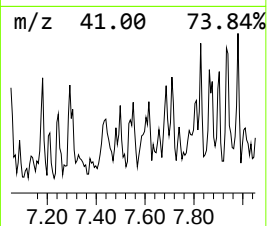
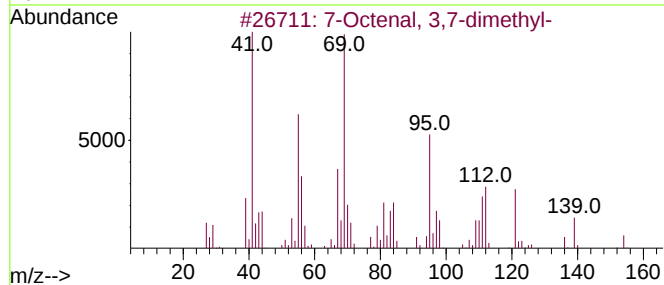
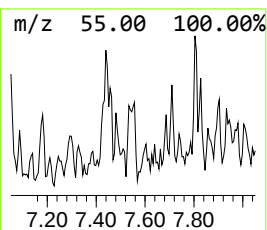
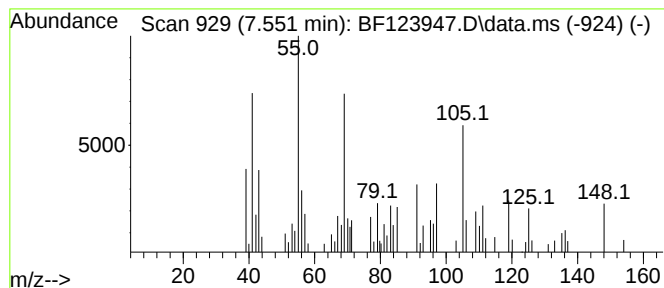
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.551 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.551	4.35 ng	98721	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Octenal, 3,7-dimethyl-	154	C10H18O	000141-26-4	38
2		Citronellal	154	C10H18O	000106-23-0	35
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	27
4		2-Isopropyl-3-vinylloxirane	112	C7H12O	070777-23-0	27
5		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
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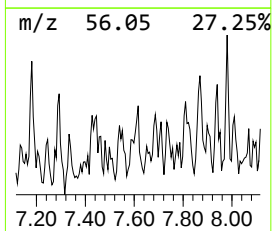
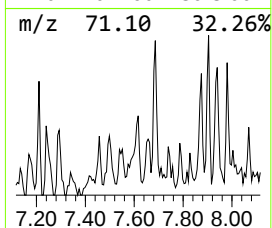
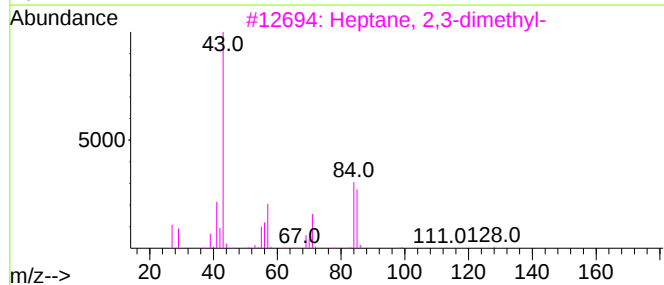
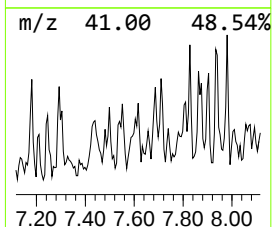
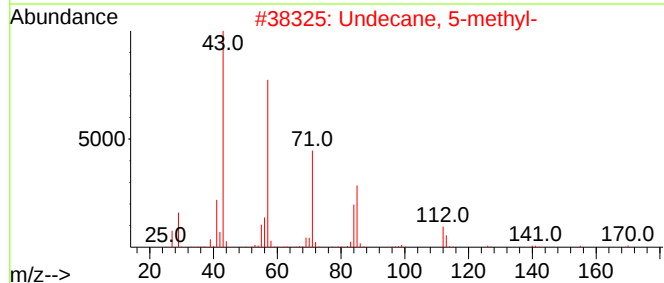
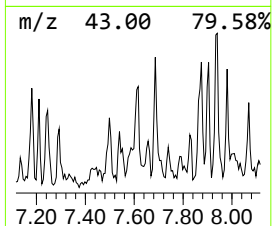
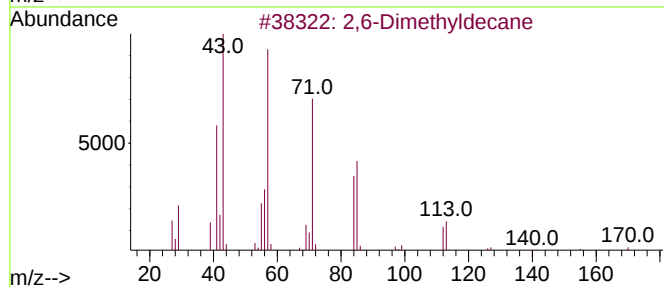
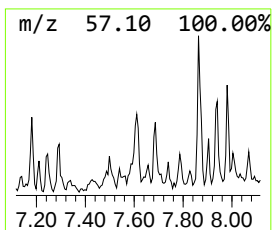
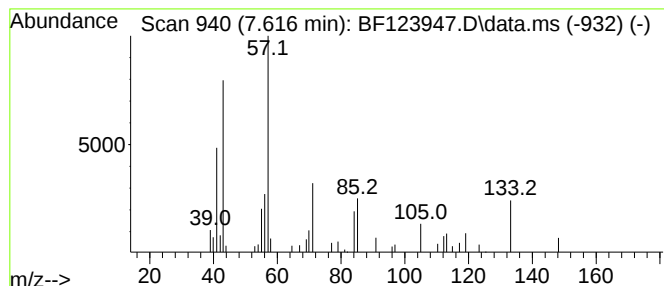
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.616 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.616	4.96 ng	112412	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	47	
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	43	
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38	
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38	
5	Octane, 2-methyl-	128	C9H20	003221-61-2	38	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
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ClientSampleId :
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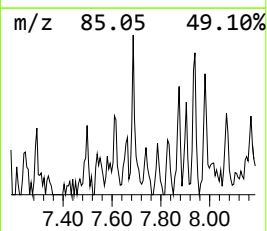
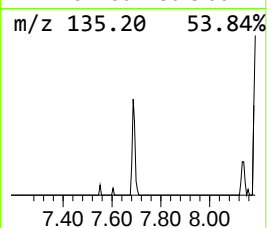
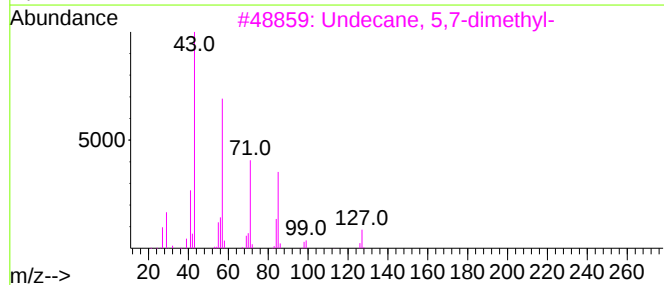
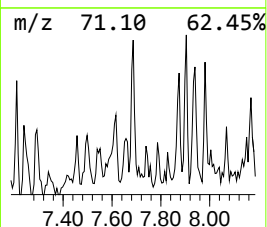
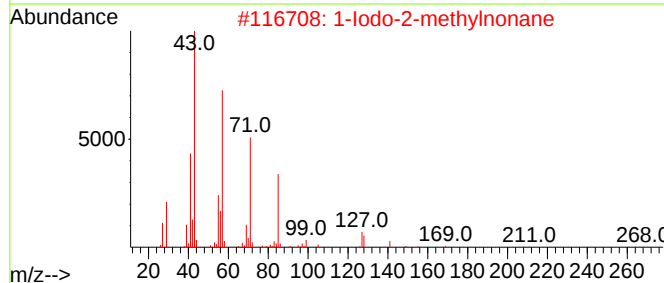
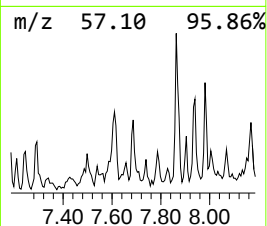
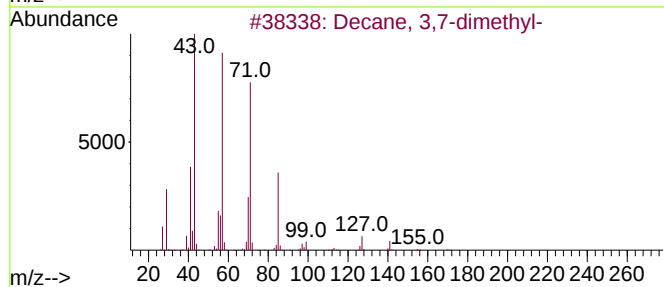
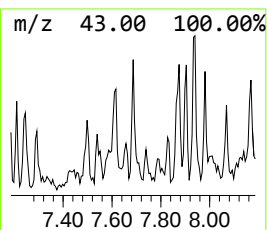
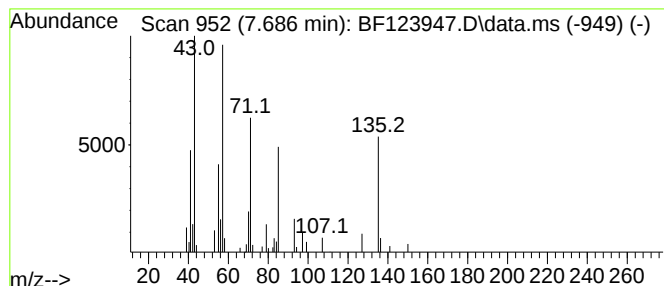
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.686 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.686	3.28 ng	74472	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	43
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	43
3			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	43
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5			Tridecane	184	C13H28	000629-50-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
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ClientSampleId :
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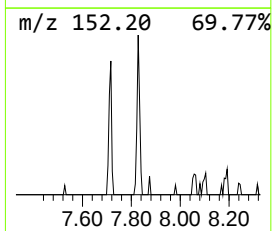
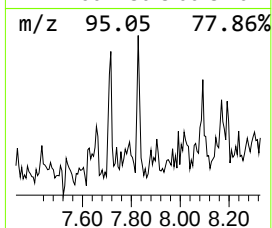
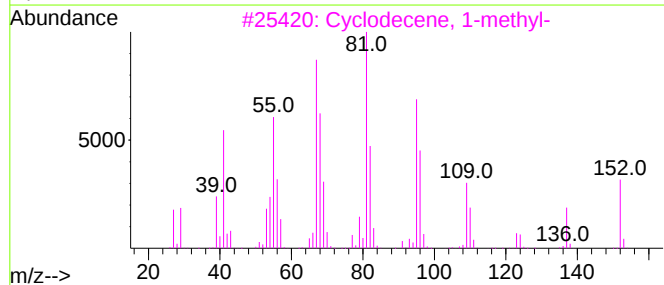
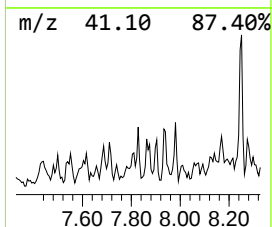
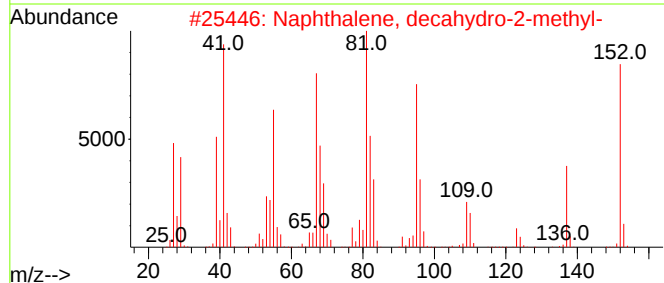
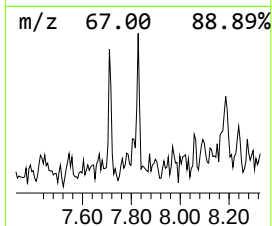
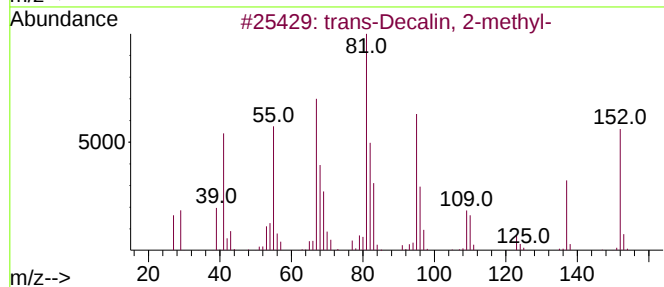
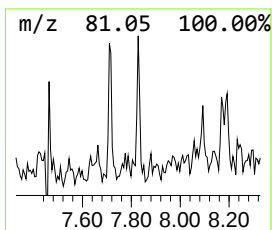
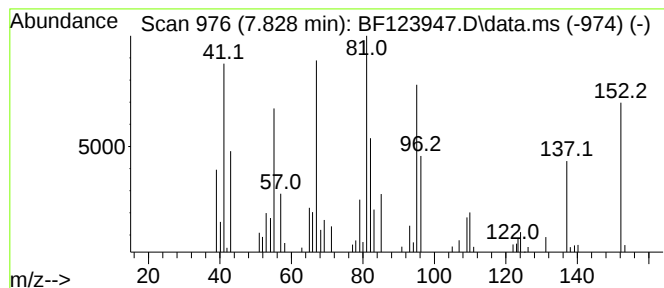
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.828	3.75 ng	85001	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	62
4			Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	55
5			9-Octadecyne	250	C18H34	035365-59-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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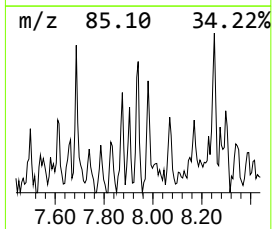
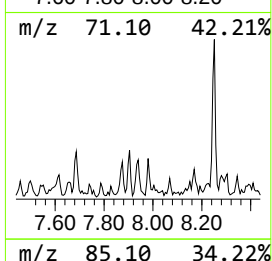
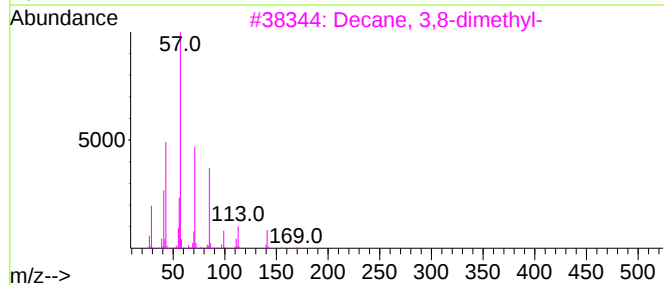
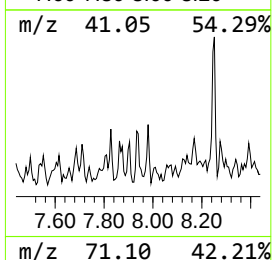
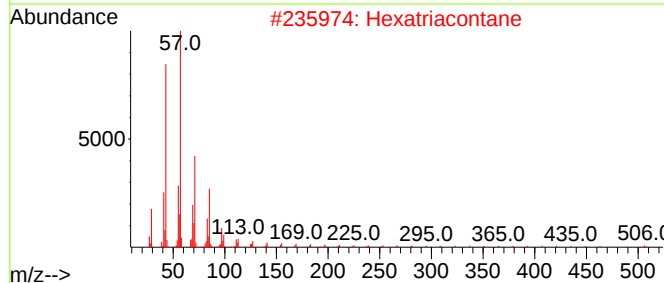
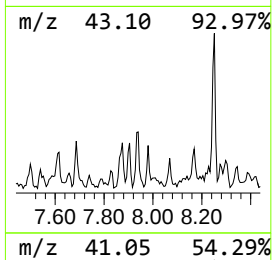
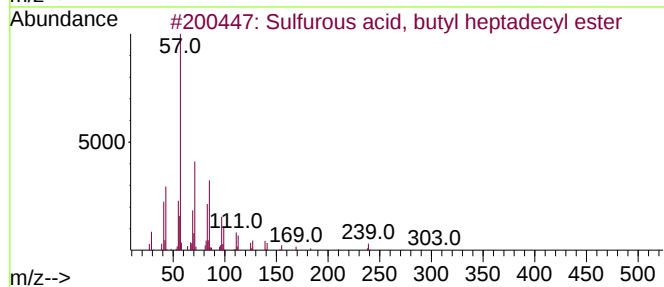
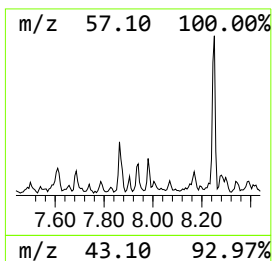
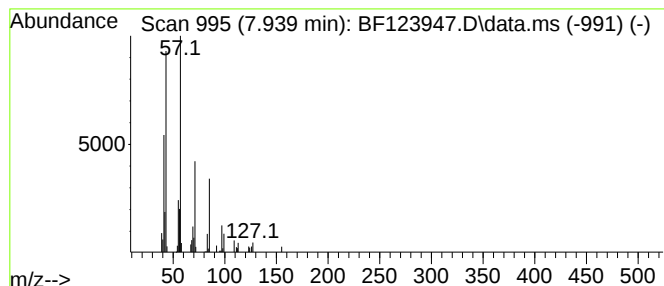
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Sulfurous acid, butyl hepta... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.939	3.66 ng	83003	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	78
2			Hexatriacontane	507	C36H74	000630-06-8	72
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
Operator : JU/CG
Sample : M2392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

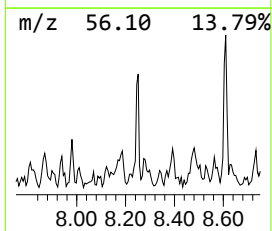
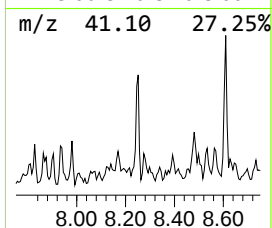
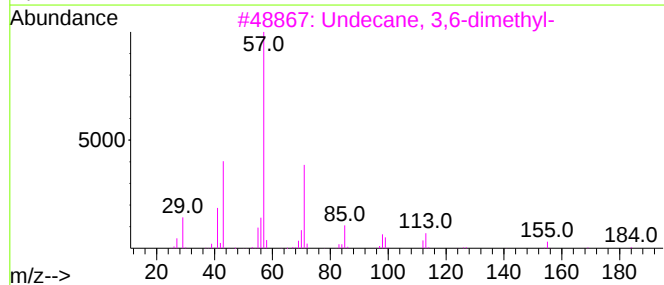
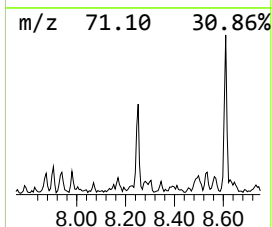
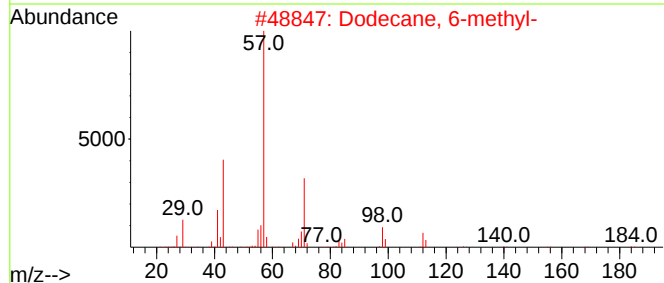
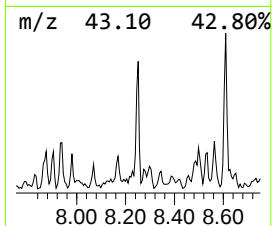
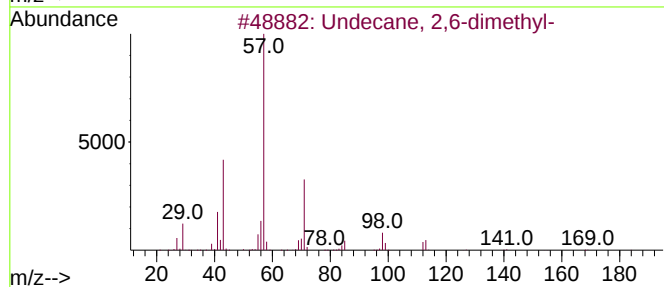
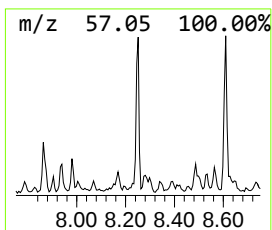
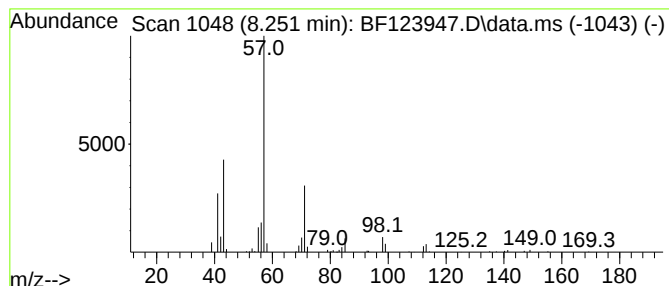
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.251	10.54 ng	239092	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	53
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
Operator : JU/CG
Sample : M2392-08
Misc :
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Instrument :
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ClientSampleId :
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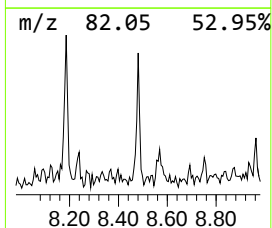
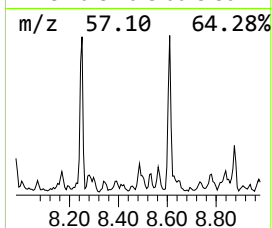
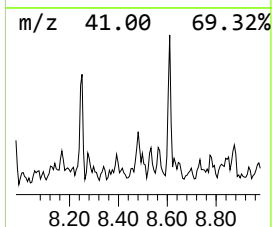
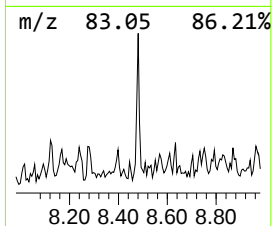
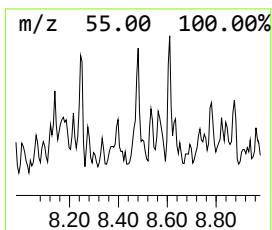
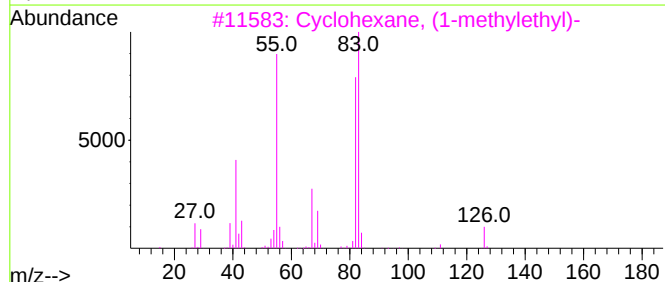
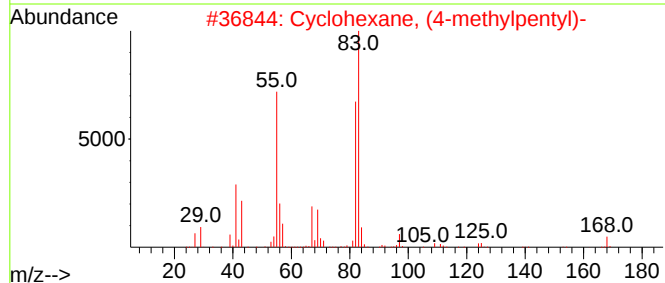
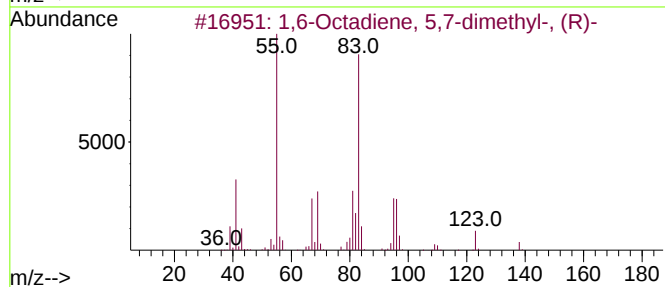
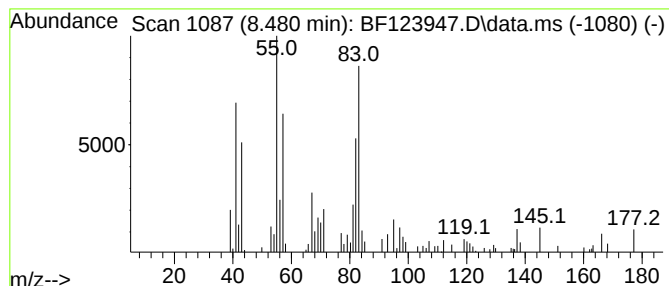
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,6-Octadiene, 5,7-dimethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.480	9.79 ng	221995	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	50
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	49
5		Cyclohexane, hexyl-	168	C12H24	004292-75-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
Operator : JU/CG
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Misc :
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ClientSampleId :
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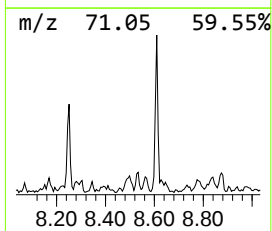
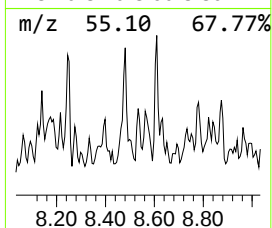
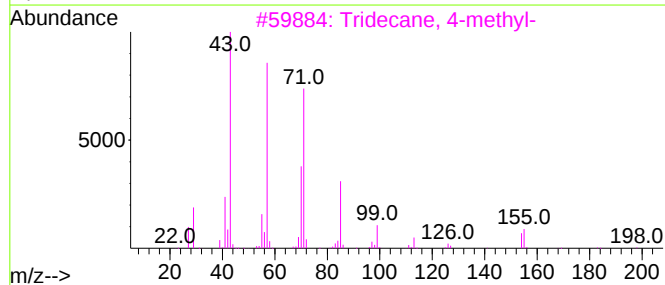
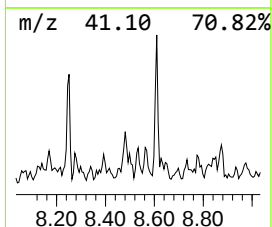
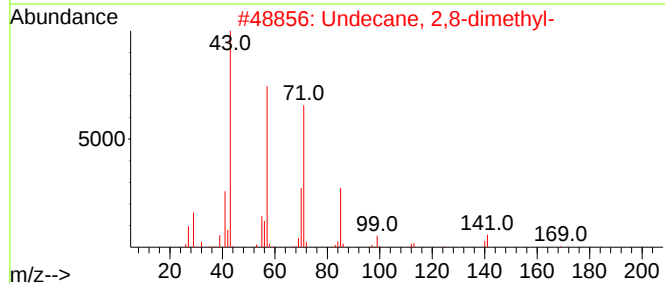
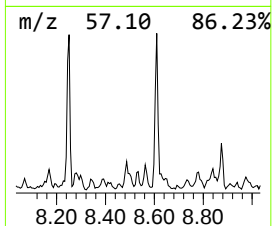
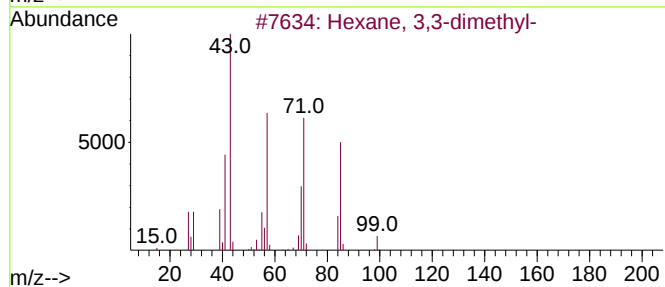
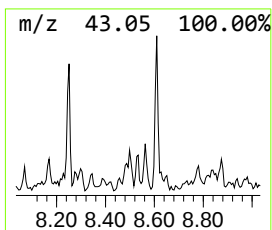
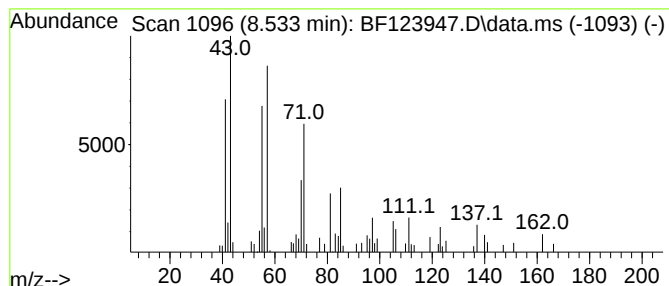
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexane, 3,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.533	3.57 ng	81044	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	52	
2	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	50	
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	50	
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	47	
5	Undecane	156	C11H24	001120-21-4	46	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
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Sample : M2392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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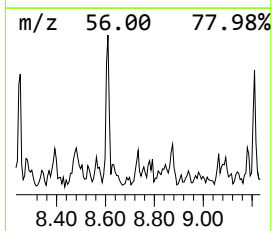
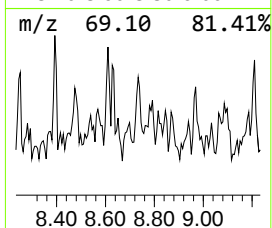
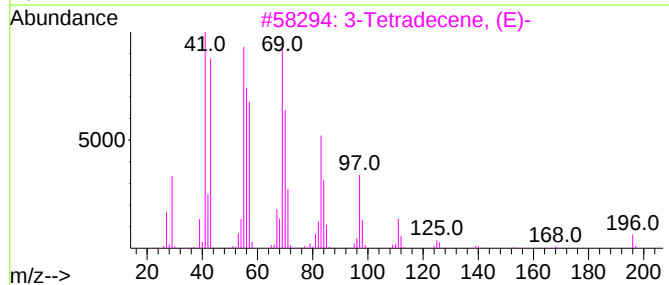
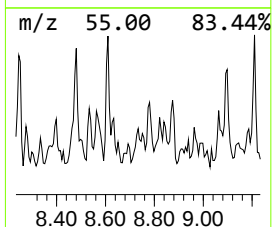
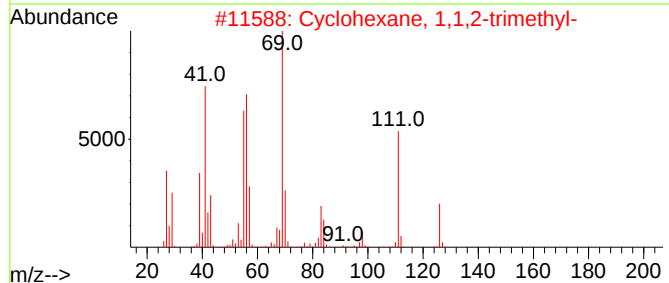
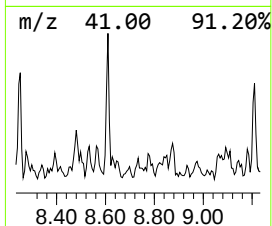
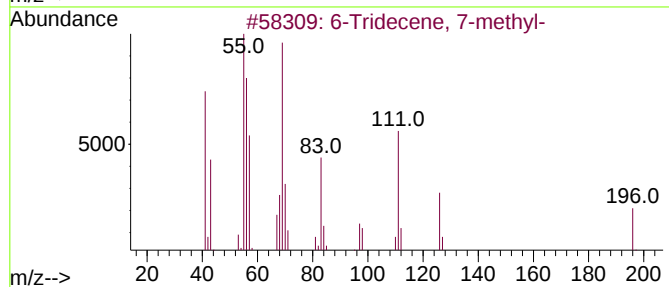
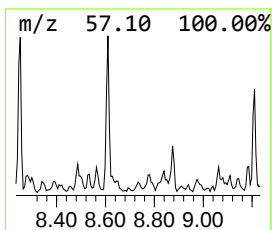
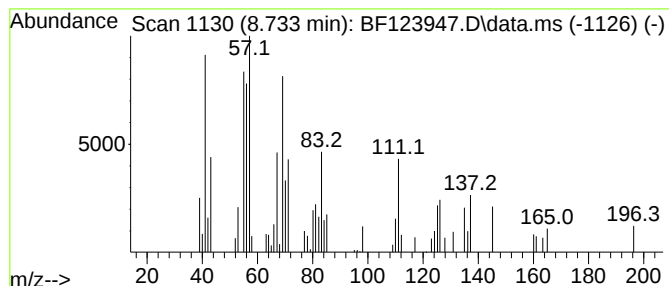
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 6-Tridecene, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.733	3.26 ng	73997	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	76
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
3		3-Tetradecene, (E)-	196	C14H28	041446-68-8	47
4		3-Tetradecene, (Z)-	196	C14H28	041446-67-7	47
5		Borane, 2,3-dimethyl-2-butyl- (d...	196	C12H30B2	1000159-64-3	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
Operator : JU/CG
Sample : M2392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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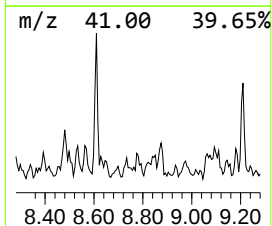
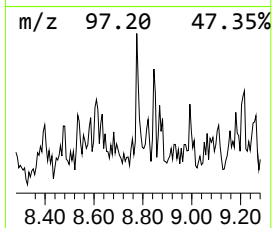
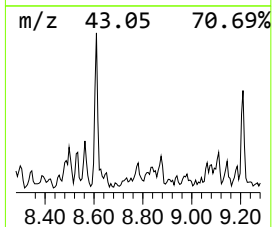
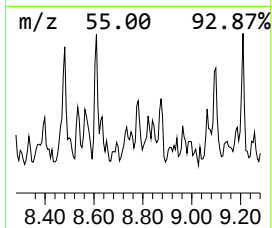
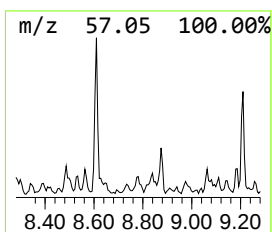
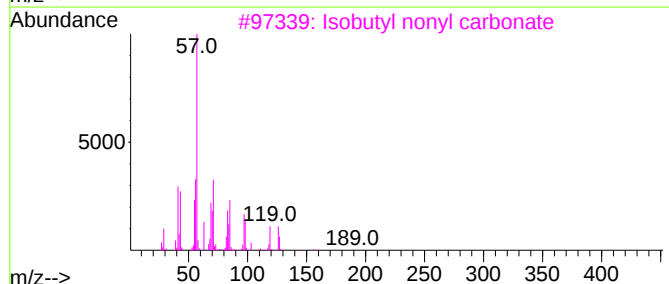
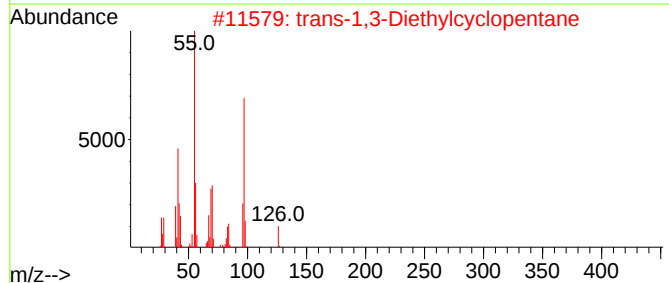
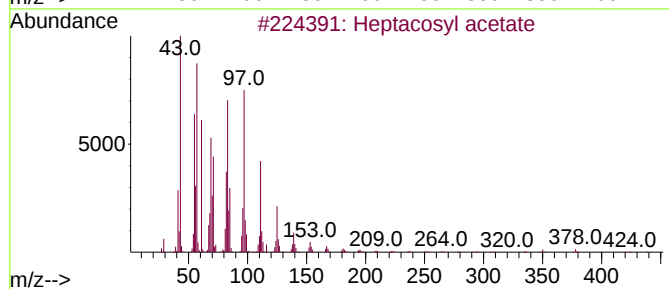
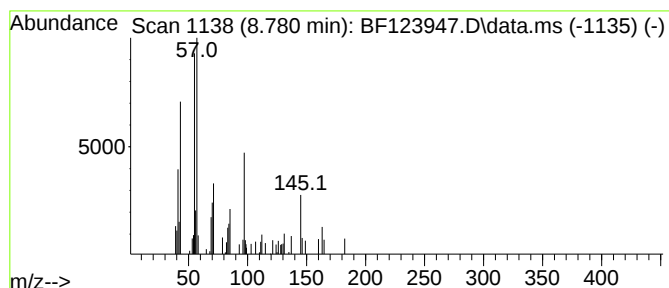
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosyl acetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.780	3.96 ng	89725	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosyl acetate	438	C29H58O2	1000351-78-2	52
2		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	42
3		Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	27
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	22
5		Oxalic acid, 3,5-difluorophenyl ...	328	C17H22F2O4	1000309-67-4	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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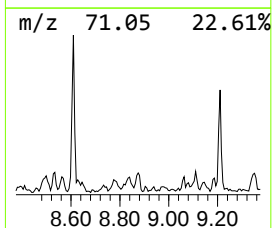
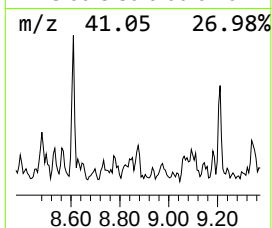
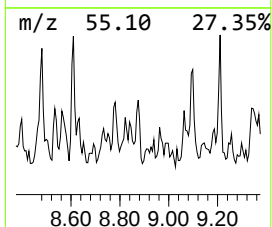
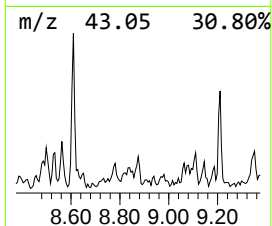
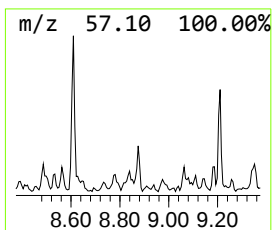
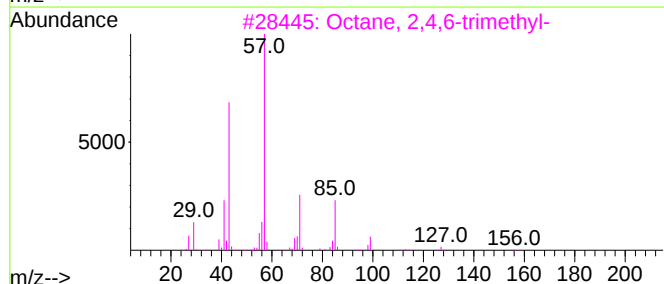
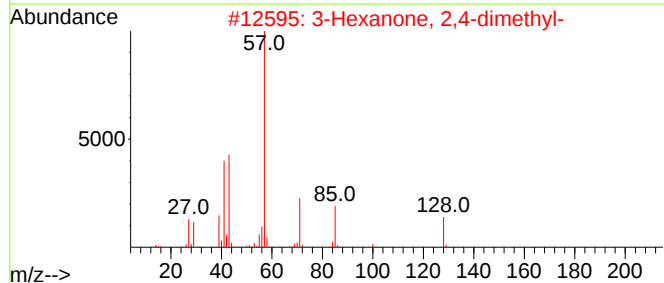
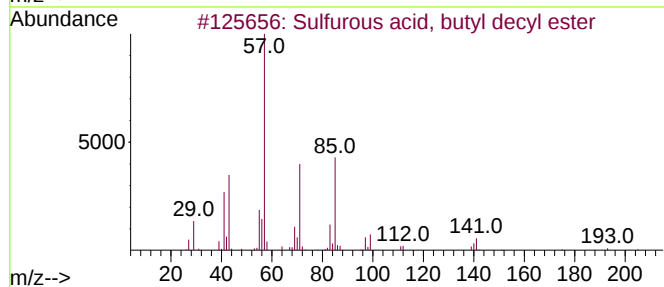
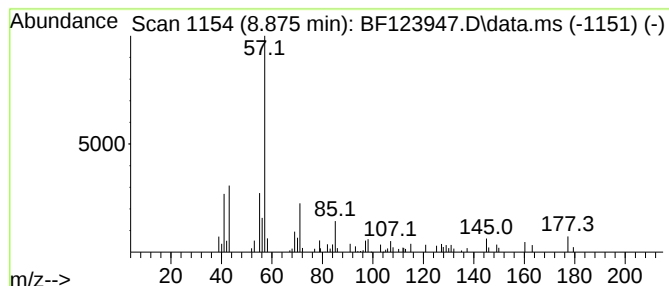
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown8.875 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.875	4.34 ng	98490	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	43
2		3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	43
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	38
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
Operator : JU/CG
Sample : M2392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

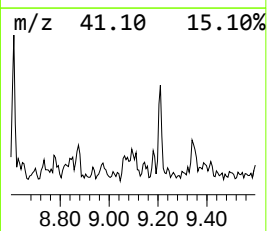
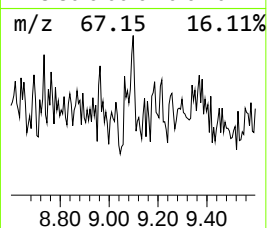
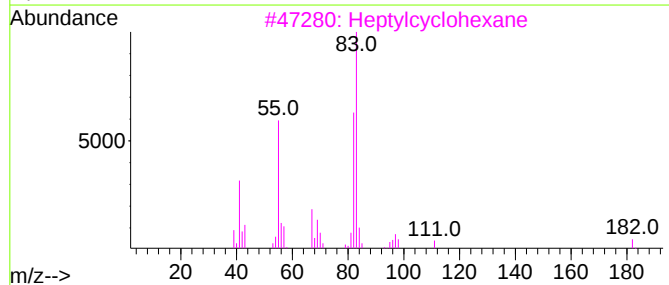
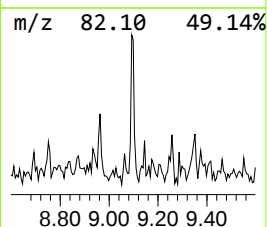
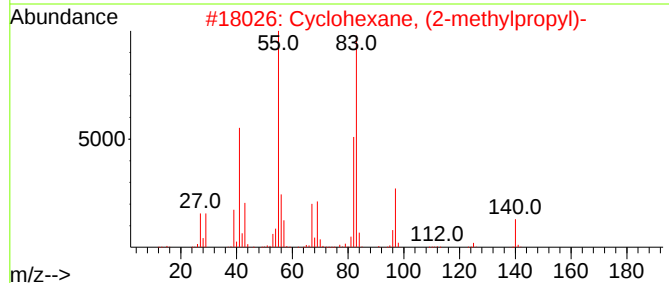
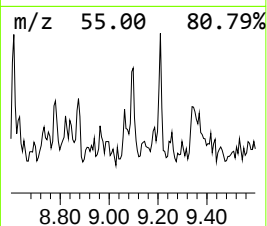
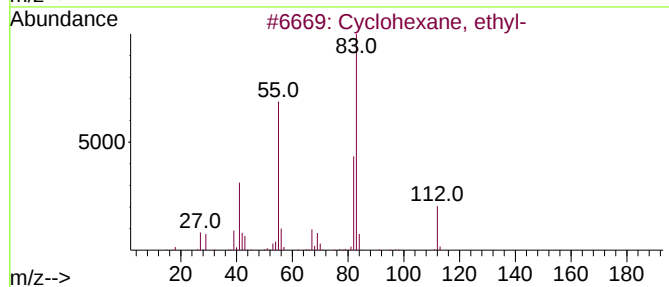
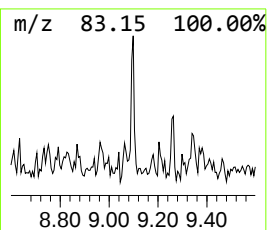
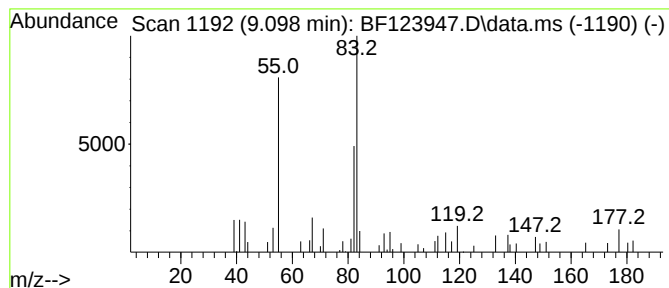
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclohexane, ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.098	4.12 ng	79663	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
3			Heptylcyclohexane	182	C13H26	005617-41-4	59
4			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	50
5			1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
Operator : JU/CG
Sample : M2392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

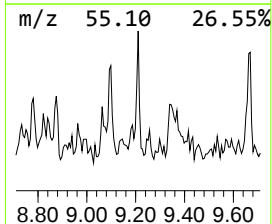
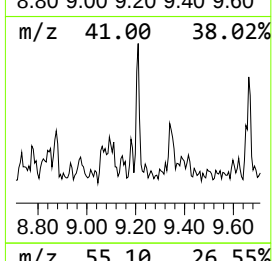
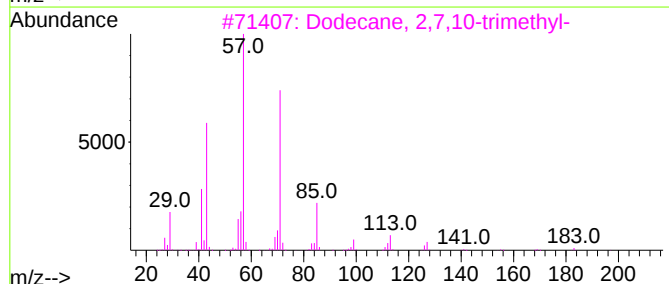
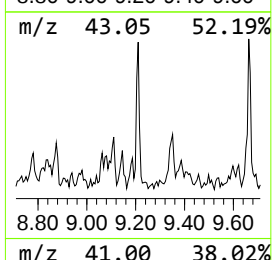
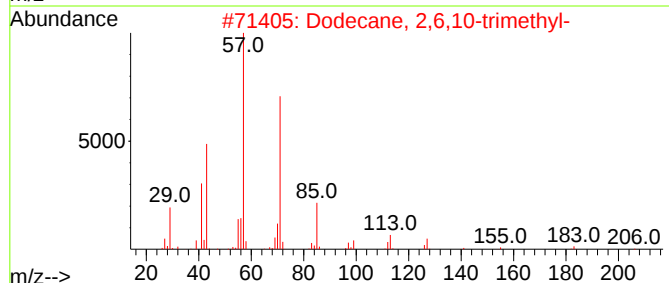
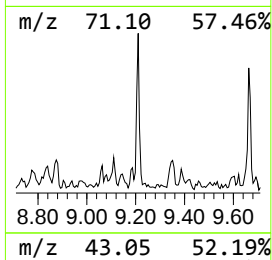
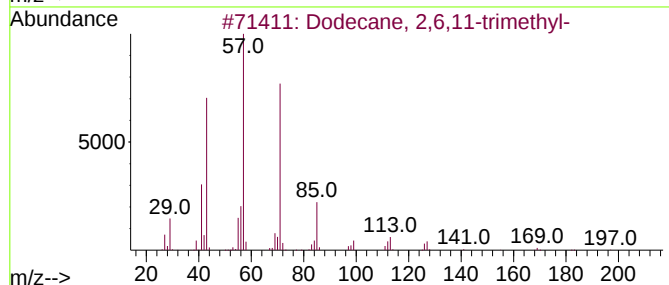
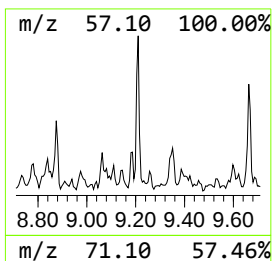
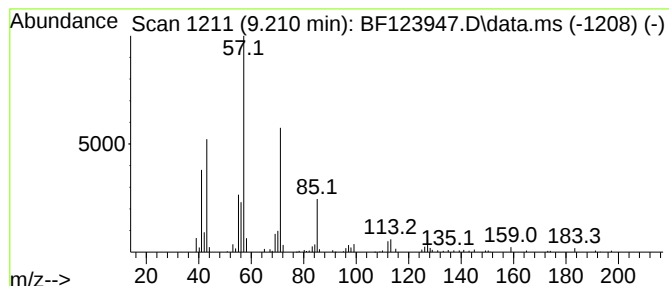
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,6,11-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.210	9.41 ng	181791	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5			Decane, 3-methyl-	156	C11H24	013151-34-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
Operator : JU/CG
Sample : M2392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

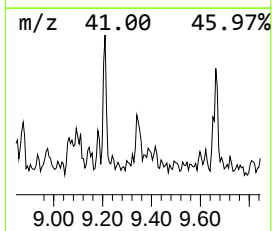
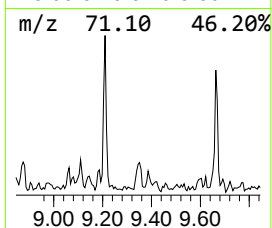
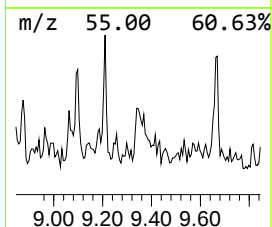
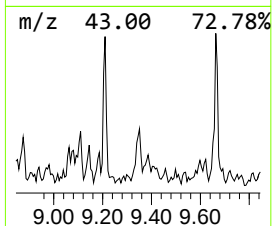
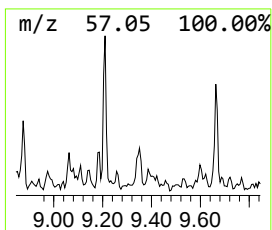
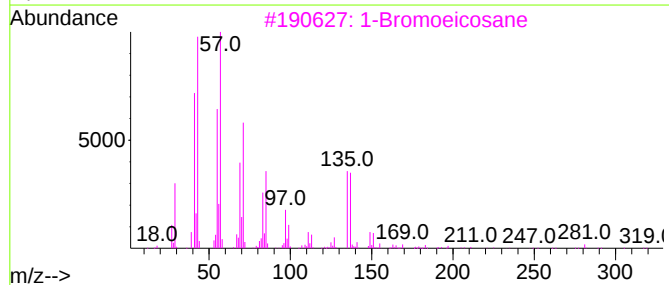
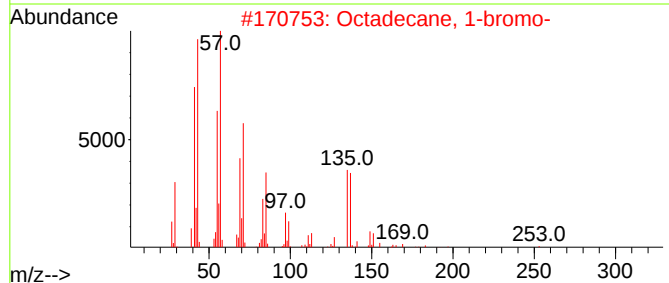
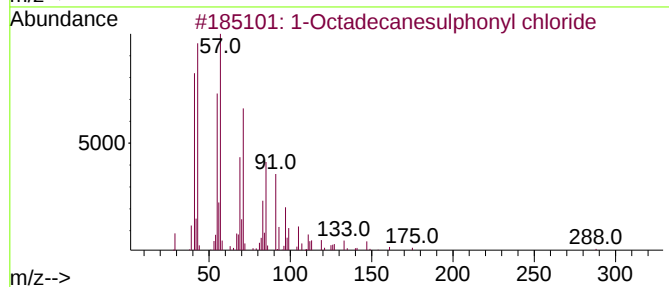
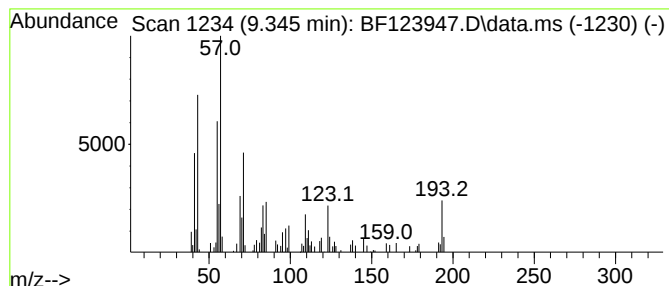
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown9.345 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	5.37 ng	103709	Acenaphthene-d10	9.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	46
2		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	46
3		1-Bromoeicosane	360	C20H41Br	004276-49-7	43
4		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	43
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123947.D
Acq On : 15 May 2021 16:17
Operator : JU/CG
Sample : M2392-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

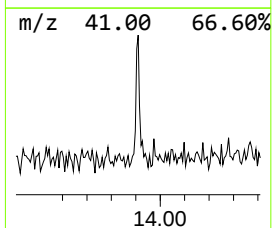
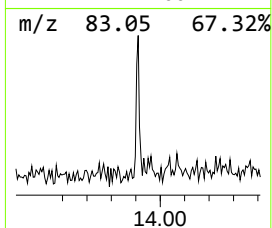
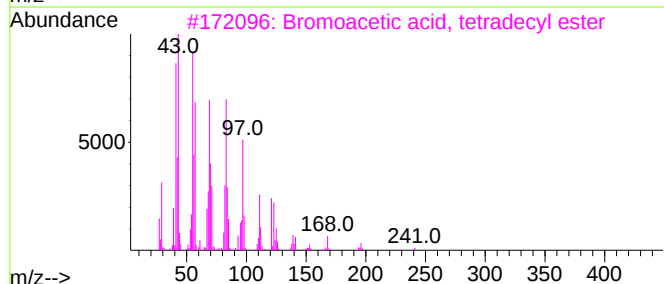
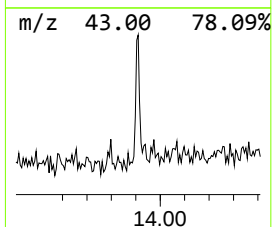
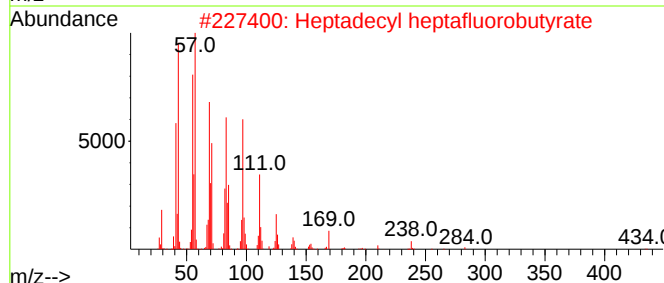
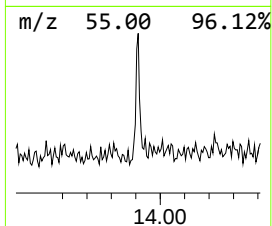
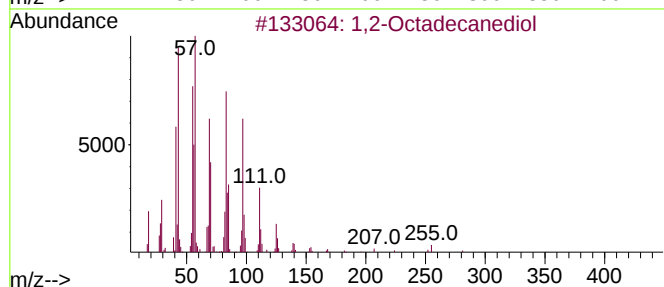
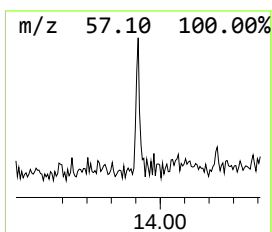
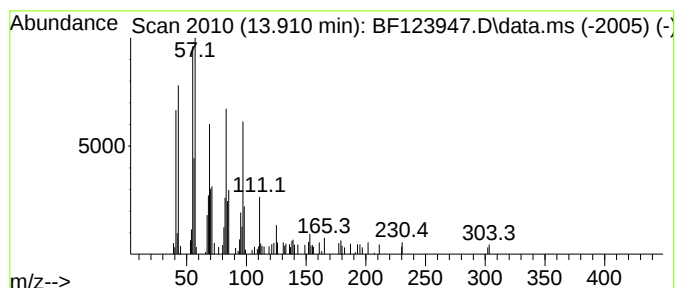
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2-Octadecanediol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	7.47 ng	112365	Chrysene-d12	14.068

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,2-Octadecanediol	286	C18H38O2	020294-76-2	81
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74
3		Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	74
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	74
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123947.D
 Acq On : 15 May 2021 16:17
 Operator : JU/CG
 Sample : M2392-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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
Butane, 2-metho...	2.175	27.3	ng	483154	1	6.904	354585	20.0
unknown6.157	6.157	4.1	ng	72250	1	6.904	354585	20.0
trans-4-Decene	6.439	3.4	ng	60382	1	6.904	354585	20.0
unknown7.181	7.181	3.6	ng	63167	1	6.904	354585	20.0
Naphthalene, de...	7.298	4.9	ng	86352	1	6.904	354585	20.0
unknown7.551	7.551	4.3	ng	98721	2	8.186	453608	20.0
unknown7.616	7.616	5.0	ng	112412	2	8.186	453608	20.0
unknown7.686	7.686	3.3	ng	74472	2	8.186	453608	20.0
trans-Decalin, ...	7.828	3.8	ng	85001	2	8.186	453608	20.0
Sulfurous acid,...	7.939	3.7	ng	83003	2	8.186	453608	20.0
Undecane, 2,6-d...	8.251	10.5	ng	239092	2	8.186	453608	20.0
1,6-Octadiene, ...	8.480	9.8	ng	221995	2	8.186	453608	20.0
Hexane, 3,3-dim...	8.533	3.6	ng	81044	2	8.186	453608	20.0
6-Tridecene, 7-...	8.733	3.3	ng	73997	2	8.186	453608	20.0
Heptacosyl acetate	8.780	4.0	ng	89725	2	8.186	453608	20.0
unknown8.875	8.875	4.3	ng	98490	2	8.186	453608	20.0
Cyclohexane, et...	9.098	4.1	ng	79663	3	9.939	386492	20.0
Dodecane, 2,6,1...	9.210	9.4	ng	181791	3	9.939	386492	20.0
unknown9.345	9.345	5.4	ng	103709	3	9.939	386492	20.0
1,2-Octadecanediol	13.910	7.5	ng	112365	5	14.068	300918	20.0