

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123441.D
 Acq On : 24 Mar 2021 16:13
 Operator : JU/CG
 Sample : M1749-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-SB-15-21-22

Integration Parameters: rteint.p

Integrator: RTE

Smothing : 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-BF032321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	20	26	31	rVB	1264127	1619396	31.14%	1.745%
2	2.346	39	44	50	rVB	184974	231308	4.45%	0.249%
3	5.139	509	519	524	rBV	150178	190436	3.66%	0.205%
4	5.534	581	586	589	rBV	4279368	4219091	81.13%	4.548%
5	6.534	750	756	765	rBV	4295389	4451022	85.59%	4.798%
6	6.734	787	790	793	rBV	136406	100503	1.93%	0.108%
7	6.910	817	820	823	rBV	1546759	1378848	26.52%	1.486%
8	6.933	823	824	827	rVB	147123	76054	1.46%	0.082%
9	7.045	838	843	848	rBV	163048	164973	3.17%	0.178%
10	7.192	866	868	870	rBV	125787	99384	1.91%	0.107%
11	7.263	876	880	882	rBV	157516	152848	2.94%	0.165%
12	7.351	892	895	901	rBV2	84680	130786	2.52%	0.141%
13	7.469	910	915	918	rBV	2823981	2849020	54.79%	3.071%
14	7.722	956	958	961	rVB	166269	153975	2.96%	0.166%
15	7.798	966	971	972	rBV3	44421	62283	1.20%	0.067%
16	7.816	972	974	976	rBV	79166	63746	1.23%	0.069%
17	7.839	976	978	981	rVB	220024	178456	3.43%	0.192%
18	7.886	981	986	988	rBV2	165203	220259	4.24%	0.237%
19	7.916	988	991	993	rVB3	159502	145931	2.81%	0.157%
20	7.951	993	997	1000	rBV	334387	374819	7.21%	0.404%
21	7.992	1000	1004	1006	rVB2	334678	307141	5.91%	0.331%
22	8.022	1006	1009	1014	rBV4	118263	162469	3.12%	0.175%
23	8.075	1015	1018	1021	rBV3	166478	256832	4.94%	0.277%
24	8.104	1021	1023	1026	rBV2	227228	202662	3.90%	0.218%
25	8.157	1026	1032	1033	rBV3	283413	401573	7.72%	0.433%
26	8.186	1033	1037	1038	rVV	1503067	1775510	34.14%	1.914%
27	8.198	1038	1039	1043	rVB	2186902	1342332	25.81%	1.447%
28	8.233	1043	1045	1046	rBV2	179575	153074	2.94%	0.165%
29	8.263	1046	1050	1053	rVB	2470678	2171649	41.76%	2.341%
30	8.292	1053	1055	1057	rBV3	463321	483165	9.29%	0.521%
31	8.357	1063	1066	1068	rBV	207031	227642	4.38%	0.245%
32	8.375	1068	1069	1071	rBV2	140889	109505	2.11%	0.118%
33	8.410	1071	1075	1077	rBV2	416829	424895	8.17%	0.458%
34	8.439	1077	1080	1082	rVB3	234864	288708	5.55%	0.311%
35	8.498	1083	1090	1096	rBV3	1627042	2927787	56.30%	3.156%
36	8.545	1096	1098	1101	rVB2	975140	808317	15.54%	0.871%

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Stop Thrs : 0

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.580	1101	1104	1108	rVB	1543942	1549096	29.79%	1.670%
38	8.627	1108	1112	1114	rBV	4108038	4050921	77.90%	4.366%
39	8.710	1121	1126	1128	rBV4	435771	495363	9.53%	0.534%
40	8.751	1128	1133	1135	rBV3	608112	890405	17.12%	0.960%
41	8.792	1137	1140	1144	rVV	4154337	4313895	82.96%	4.650%
42	8.833	1144	1147	1148	rVV2	563165	636974	12.25%	0.687%
43	8.857	1149	1151	1154	rVV3	791363	963946	18.54%	1.039%
44	8.892	1154	1157	1160	rVB	1842339	1831018	35.21%	1.974%
45	8.922	1160	1162	1165	rBV3	292275	397035	7.64%	0.428%
46	8.980	1169	1172	1175	rBV3	707002	784574	15.09%	0.846%
47	9.057	1183	1185	1186	rBV	179694	109897	2.11%	0.118%
48	9.080	1186	1189	1190	rBV	1391643	1211074	23.29%	1.305%
49	9.110	1193	1194	1199	rVB3	1310586	1718738	33.05%	1.853%
50	9.163	1199	1203	1206	rBV	1704997	1642031	31.58%	1.770%
51	9.204	1206	1210	1211	rBV	1364749	1196203	23.00%	1.289%
52	9.227	1211	1214	1217	rVB	4423237	3584835	68.94%	3.864%
53	9.274	1217	1222	1225	rVB	4199390	4412608	84.85%	4.756%
54	9.322	1225	1230	1232	rBV2	492398	661339	12.72%	0.713%
55	9.363	1233	1237	1242	rBV	4706893	5200188	100.00%	5.605%
56	9.404	1242	1244	1247	rVB2	571674	476917	9.17%	0.514%
57	9.510	1260	1262	1263	rBV	265055	225117	4.33%	0.243%
58	9.551	1267	1269	1272	rVB	394826	315244	6.06%	0.340%
59	9.616	1278	1280	1282	rBV	547607	443268	8.52%	0.478%
60	9.639	1282	1284	1287	rVB	775836	576870	11.09%	0.622%
61	9.686	1287	1292	1294	rBV	3945454	4453078	85.63%	4.800%
62	9.739	1299	1301	1304	rVB	736814	625731	12.03%	0.674%
63	9.774	1304	1307	1308	rBV2	191116	206364	3.97%	0.222%
64	9.833	1314	1317	1320	rBV	306185	330029	6.35%	0.356%
65	9.892	1324	1327	1331	rVV	2519725	2228676	42.86%	2.402%
66	9.933	1331	1334	1336	rVV	539178	609225	11.72%	0.657%
67	9.957	1336	1338	1341	rVB	2256416	2017781	38.80%	2.175%
68	9.998	1343	1345	1348	rBV2	204723	150353	2.89%	0.162%
69	10.069	1354	1357	1362	rVV3	144332	163898	3.15%	0.177%
70	10.122	1362	1366	1369	rVV2	329717	505220	9.72%	0.545%
71	10.151	1369	1371	1374	rVV	378272	348606	6.70%	0.376%
72	10.180	1374	1376	1378	rVV	245874	181872	3.50%	0.196%
73	10.216	1378	1382	1386	rVV2	477767	581145	11.18%	0.626%
74	10.251	1386	1388	1391	rVB	240975	169637	3.26%	0.183%
75	10.333	1399	1402	1406	rVB	121531	156210	3.00%	0.168%
76	10.374	1406	1409	1410	rVV	96252	98084	1.89%	0.106%

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77	10.392	1410	1412	1414	rVV	210896	155825	3.00%	0.168%
78	10.422	1414	1417	1420	rVV2	162124	197084	3.79%	0.212%
79	10.451	1420	1422	1427	rVB3	104591	134989	2.60%	0.145%
80	10.616	1444	1450	1452	rBV	370375	482483	9.28%	0.520%
81	10.633	1452	1453	1456	rVV	93083	70019	1.35%	0.075%
82	10.663	1456	1458	1461	rVB	98648	76613	1.47%	0.083%
83	10.698	1461	1464	1467	rBV	82902	80010	1.54%	0.086%
84	10.745	1467	1472	1475	rBV	3352925	2979163	57.29%	3.211%
85	10.880	1490	1495	1501	rBV2	237123	355995	6.85%	0.384%
86	11.063	1523	1526	1530	rBV	106142	142829	2.75%	0.154%
87	11.316	1566	1569	1571	rBV3	73724	76193	1.47%	0.082%
88	11.345	1571	1574	1581	rVB	123175	176145	3.39%	0.190%
89	11.445	1588	1591	1594	rBV	1950493	1735156	33.37%	1.870%
90	11.516	1601	1603	1610	rVB6	77166	77292	1.49%	0.083%
91	11.974	1675	1681	1684	rBV	233503	243927	4.69%	0.263%
92	12.433	1756	1759	1762	rBV	100208	86537	1.66%	0.093%
93	13.039	1858	1862	1865	rBV	3579894	2983582	57.37%	3.216%
94	13.533	1941	1946	1949	rVB2	84742	94064	1.81%	0.101%
95	13.945	2012	2016	2025	rVB	403366	510648	9.82%	0.550%
96	14.092	2037	2041	2045	rBV	1096010	1032862	19.86%	1.113%
97	14.739	2147	2151	2155	rBV2	62881	71729	1.38%	0.077%
98	15.604	2292	2298	2303	rBV	877874	1150902	22.13%	1.241%
99	16.168	2389	2394	2402	rVB4	57906	125658	2.42%	0.135%
100	18.833	2832	2847	2849	rBV5	92706	317086	6.10%	0.342%

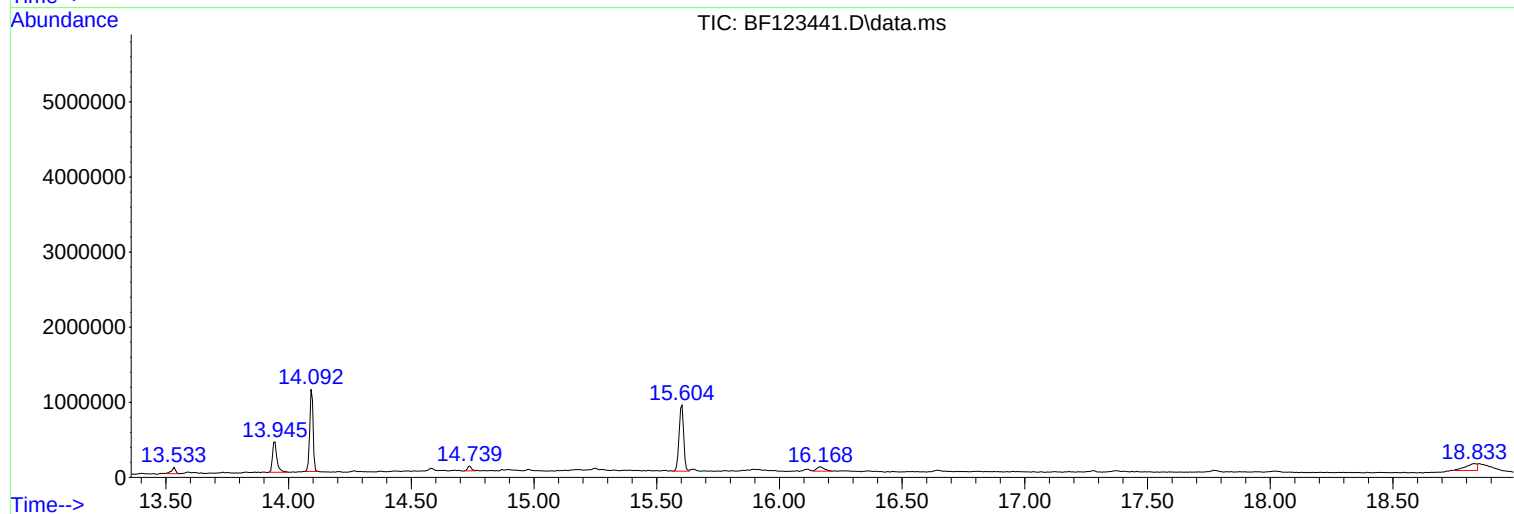
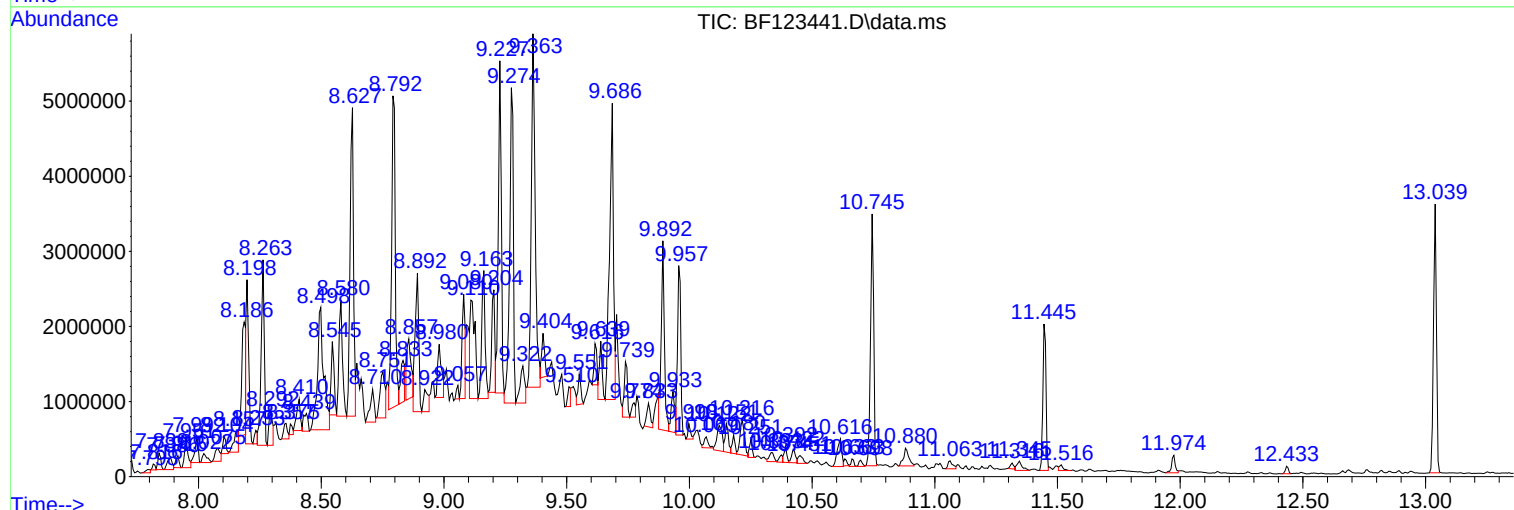
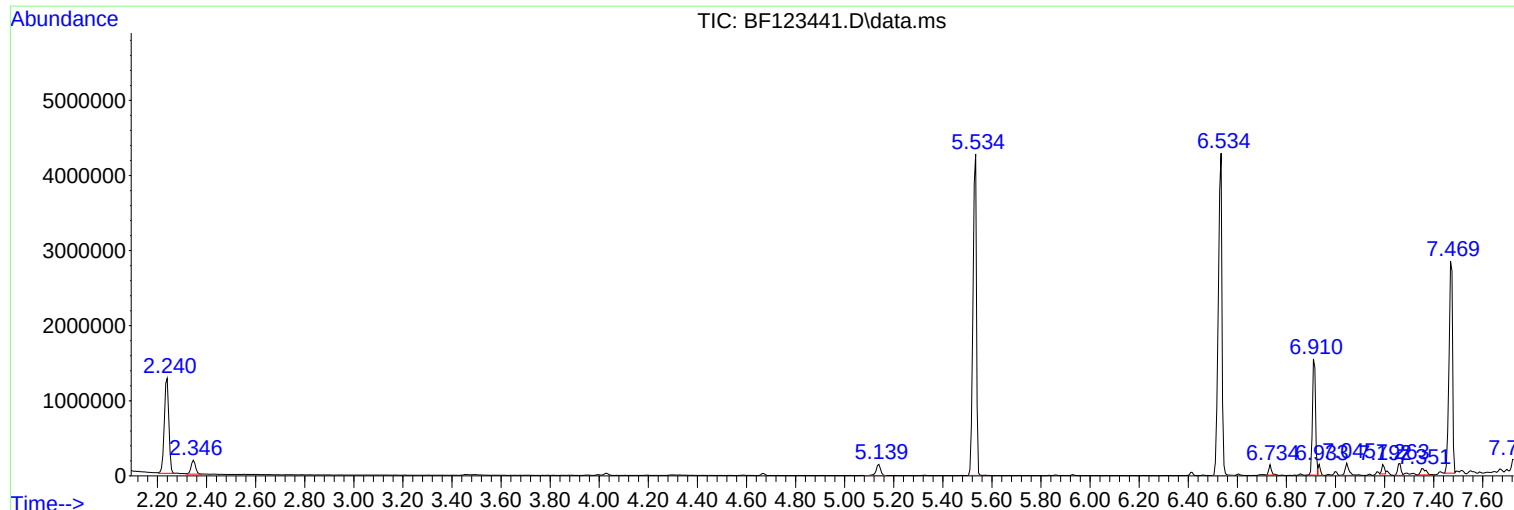
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Instrument :
BNA_F
ClientSampled :
FS-SB-15-21-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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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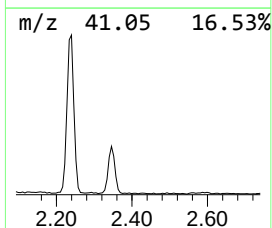
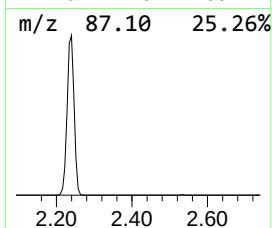
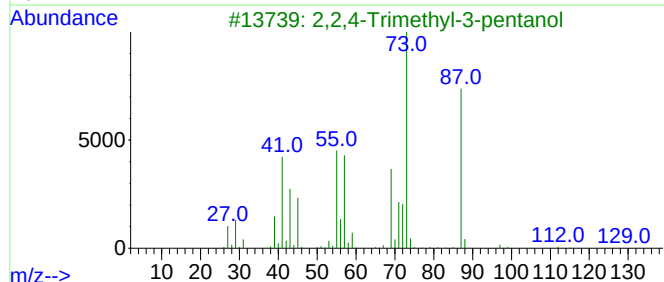
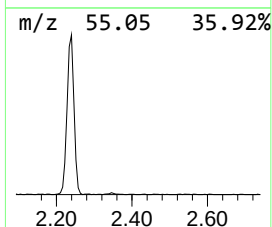
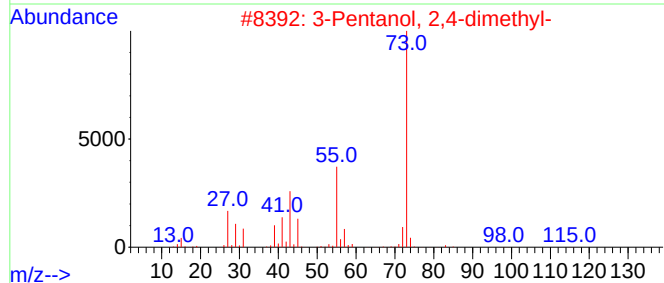
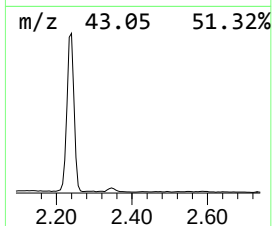
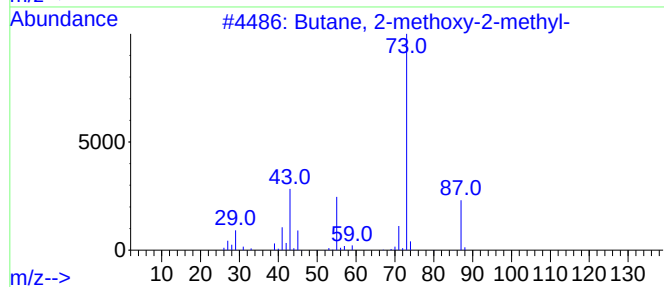
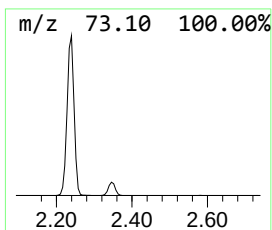
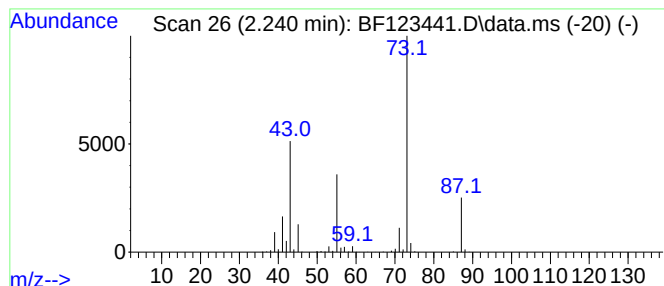
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.240	23.49 ng	1619400	1,4-Dichlorobenzene-d4	6.916

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	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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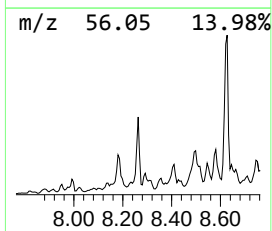
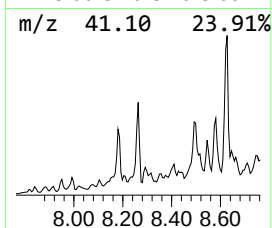
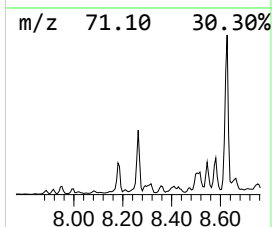
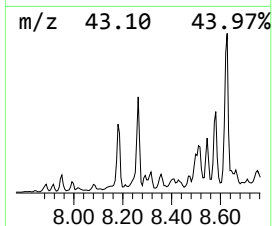
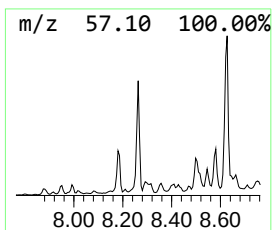
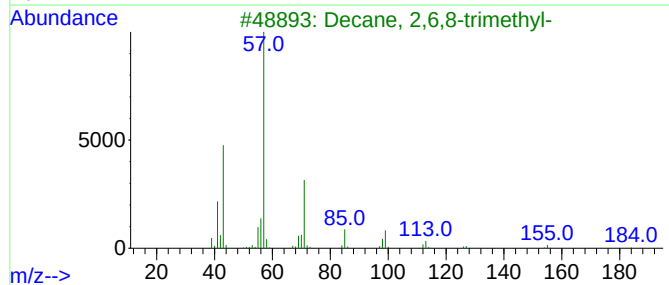
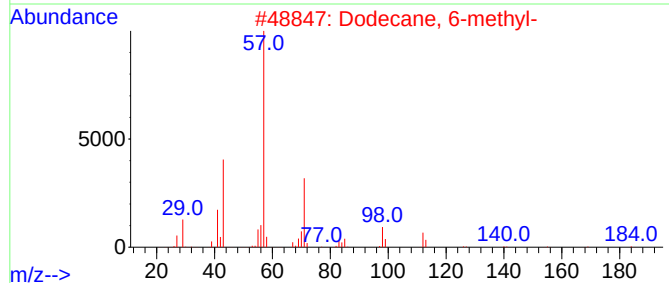
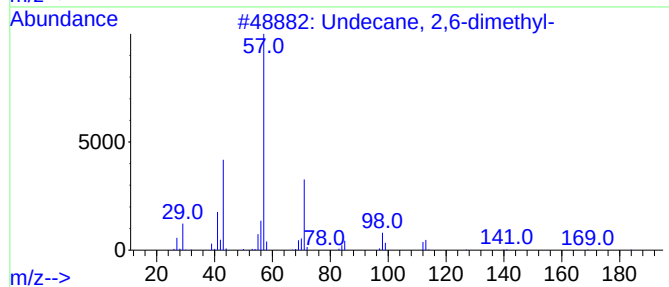
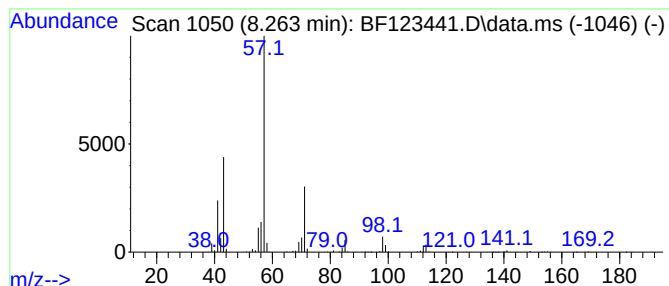
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	32.36 ng	2171650	Naphthalene-d8	8.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
4			Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
5			1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	53



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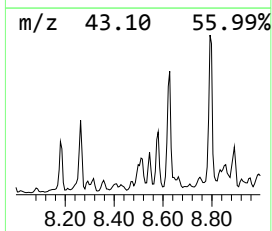
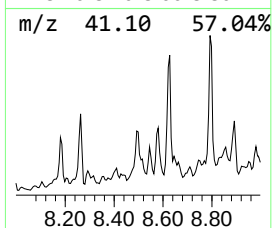
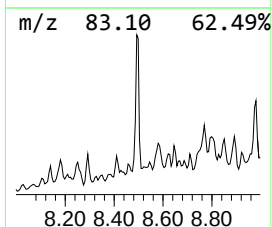
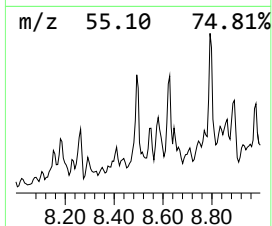
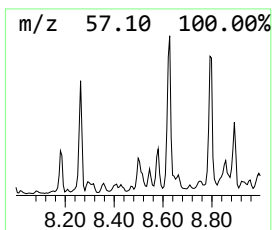
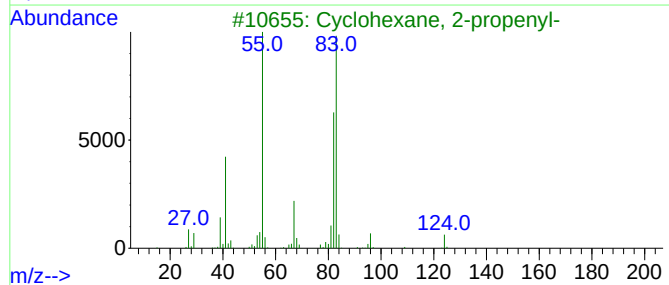
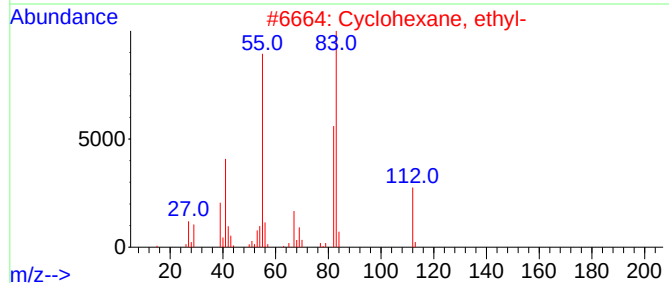
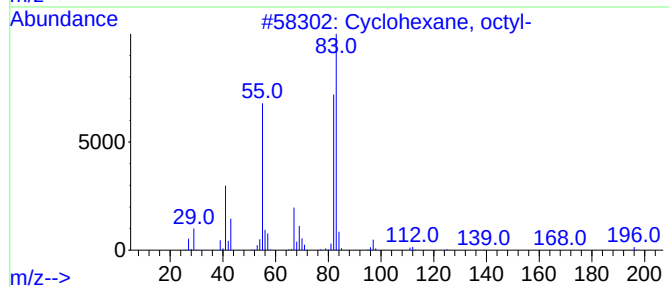
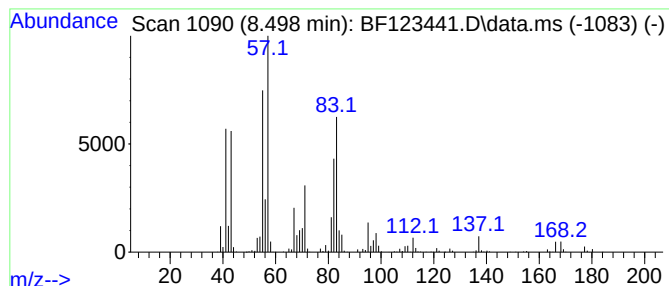
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.498	43.62 ng	2927790	Naphthalene-d8	8.198

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, octyl-	196	C14H28	001795-15-9	53
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	46
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
5		1-Cyclohexylethanol, trifluoroac...	224	C10H15F3O2	1000365-19-2	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

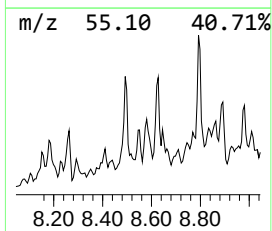
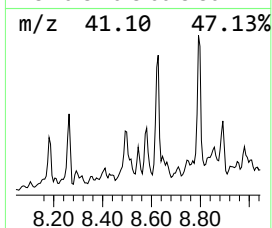
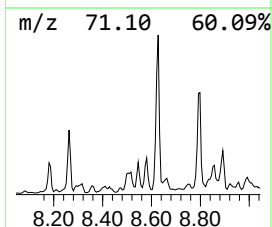
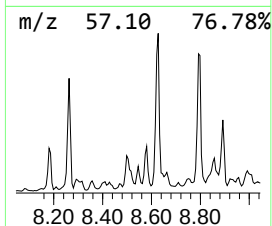
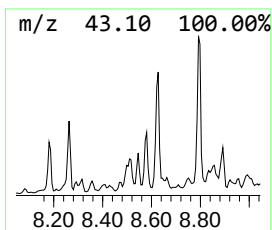
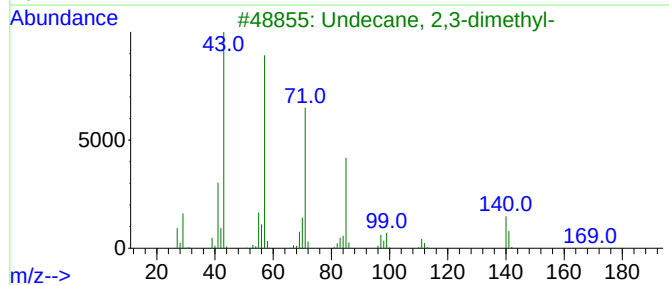
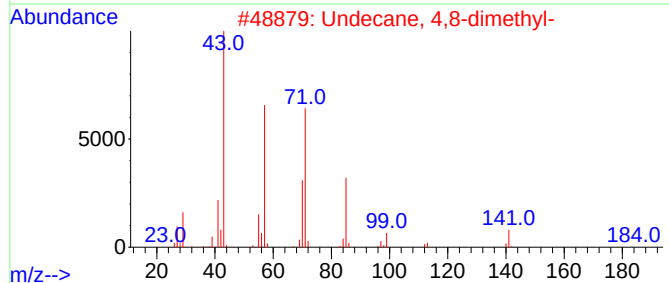
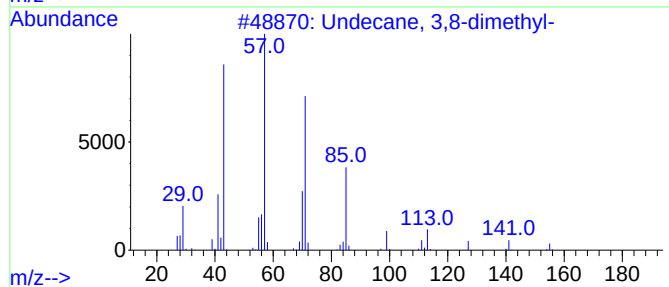
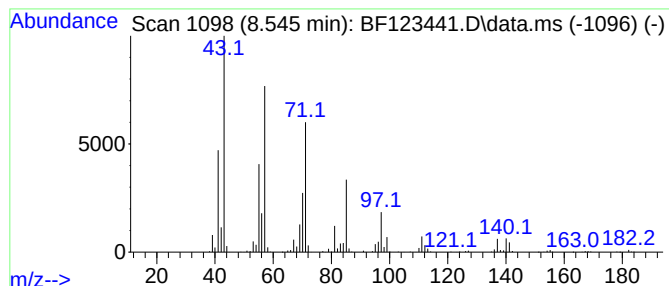
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 3,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	12.04 ng	808317	Naphthalene-d8	8.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	80
2			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
3			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
4			Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	64
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
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Misc :
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ClientSampleId :
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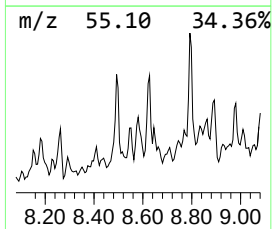
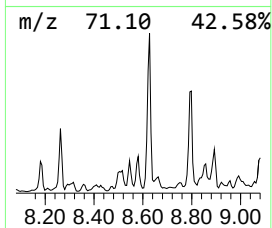
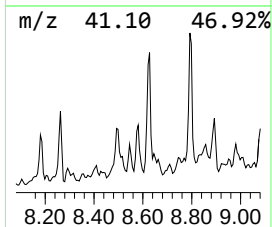
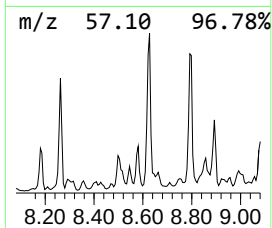
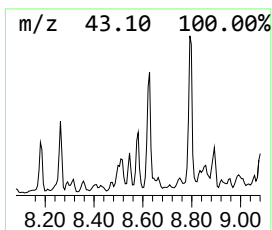
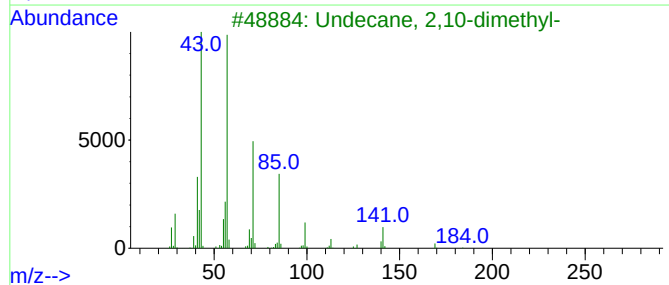
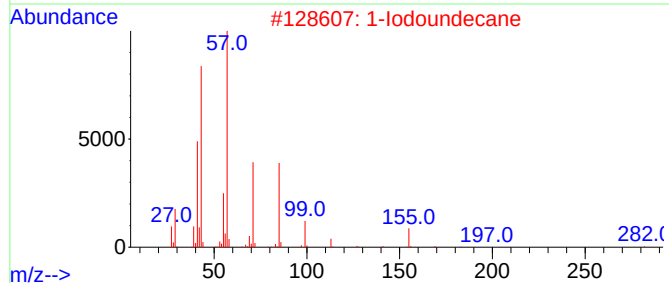
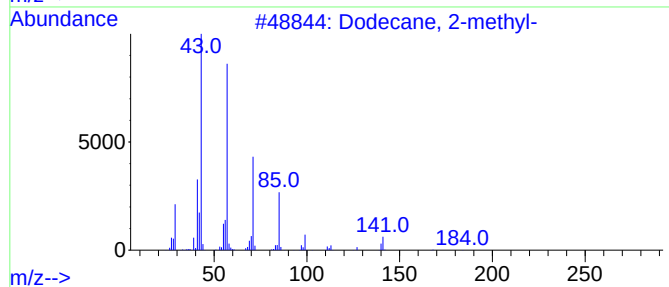
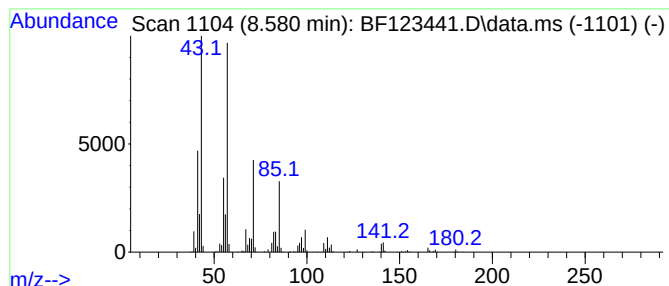
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.580	23.08 ng	1549100	Naphthalene-d8	8.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
2			1-Iodoundecane	282	C11H23I	004282-44-4	72
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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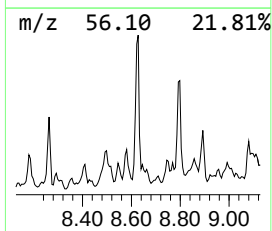
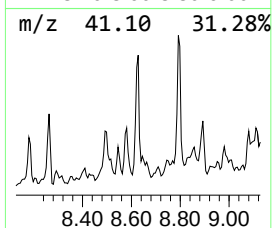
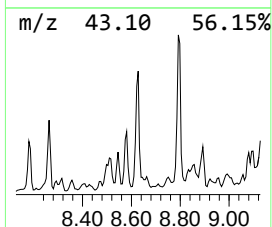
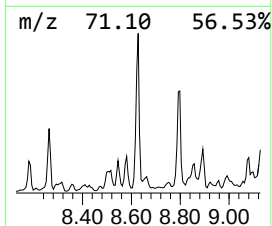
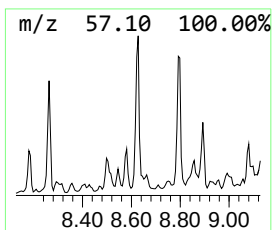
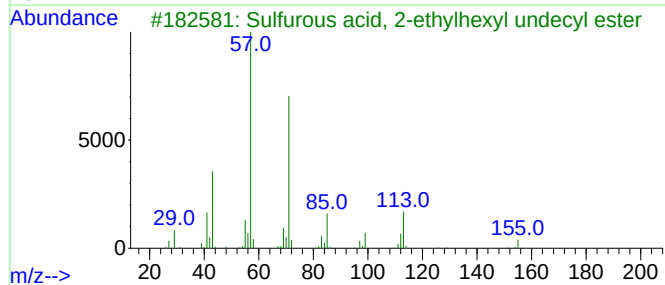
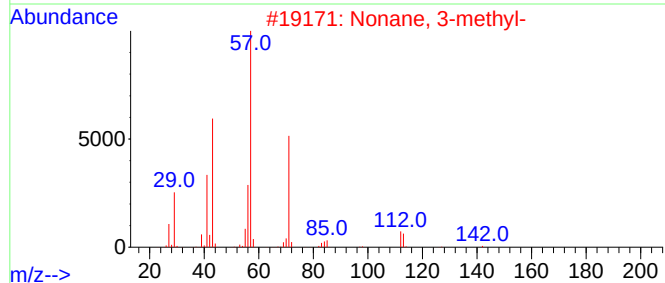
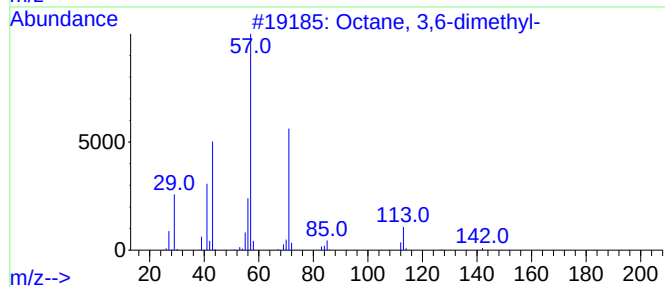
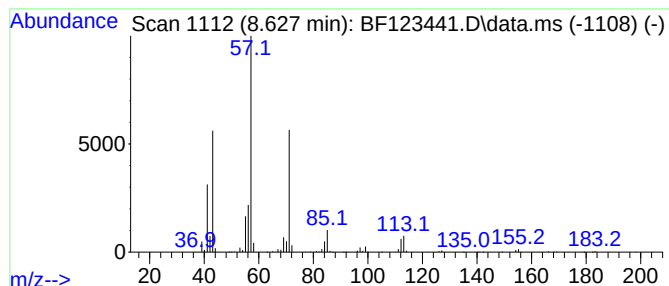
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.627	60.36 ng	4050920	Naphthalene-d8	8.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
5			Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
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ALS Vial : 9 Sample Multiplier: 1

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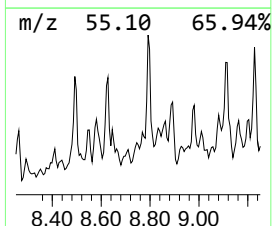
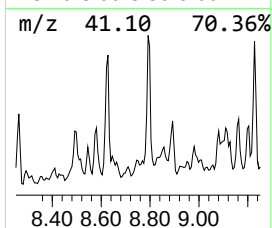
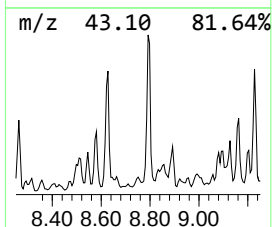
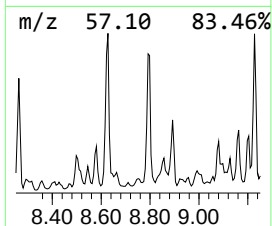
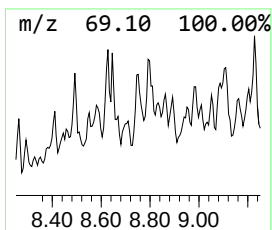
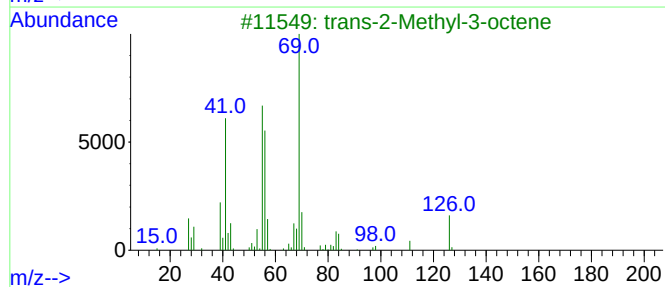
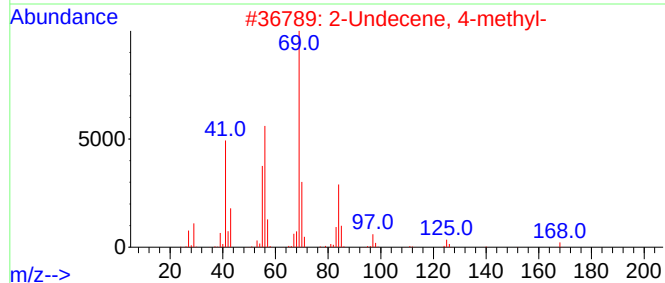
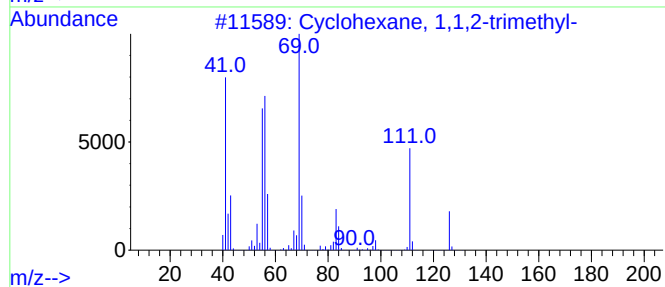
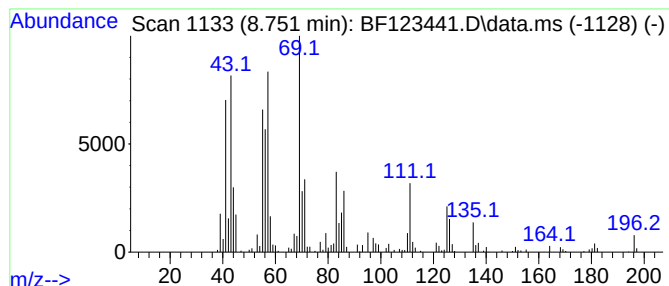
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	13.27 ng	890405	Naphthalene-d8	8.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	91
2			2-Undecene, 4-methyl-	168	C12H24	091695-32-8	49
3			trans-2-Methyl-3-octene	126	C9H18	052937-36-7	46
4			2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	46
5			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB-15-21-22

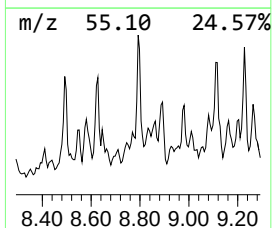
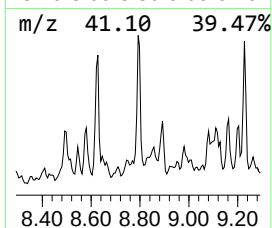
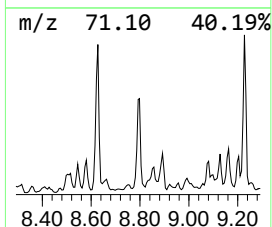
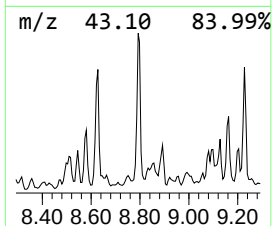
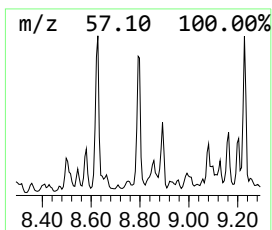
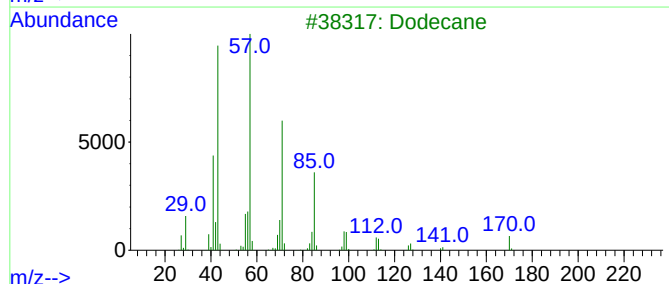
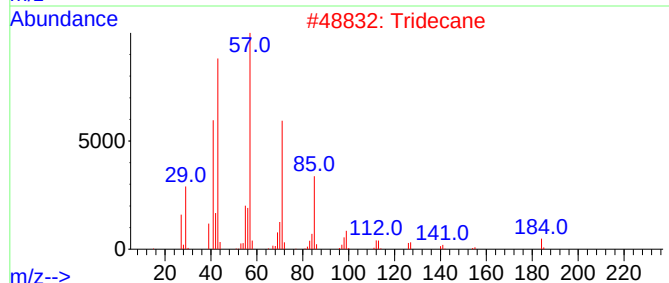
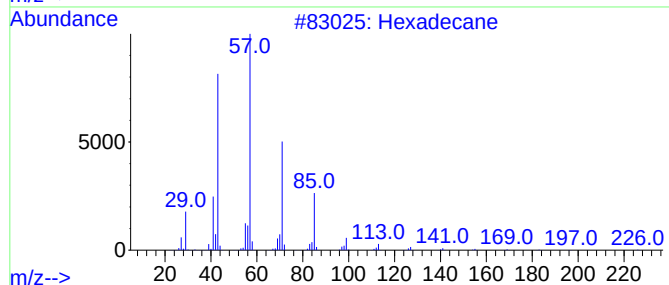
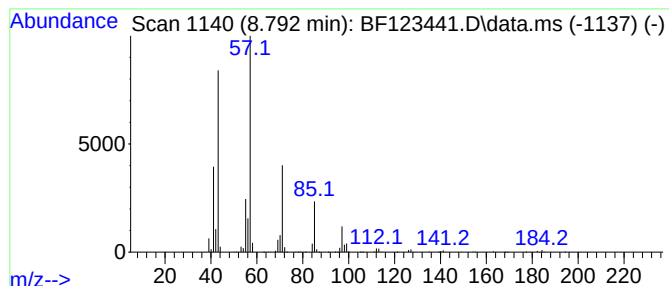
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.792	64.27 ng	4313900	Naphthalene-d8	8.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	86
2			Tridecane	184	C13H28	000629-50-5	80
3			Dodecane	170	C12H26	000112-40-3	72
4			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
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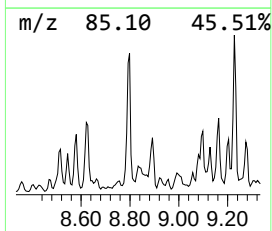
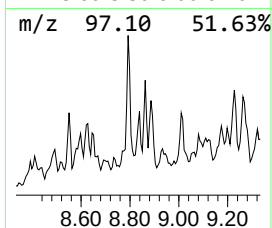
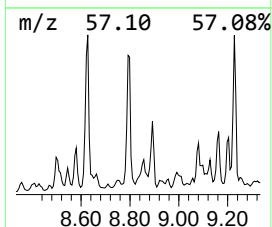
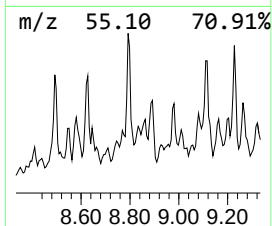
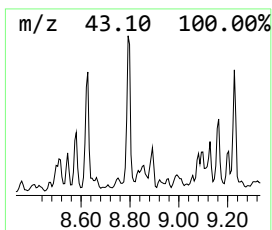
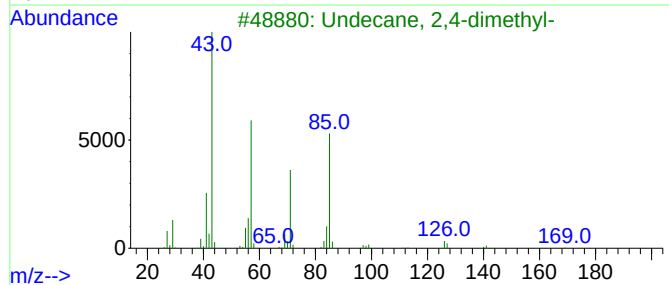
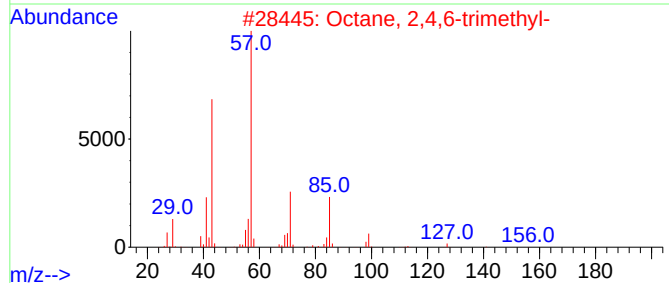
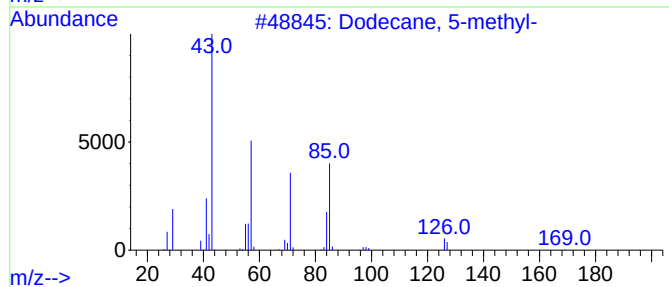
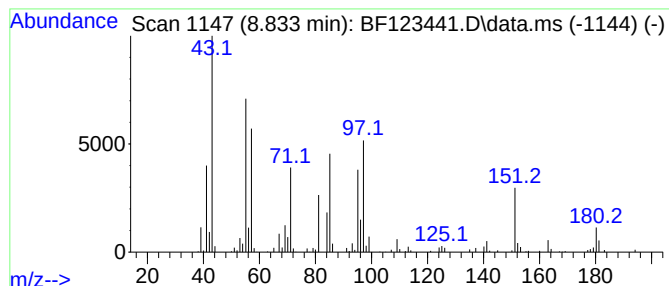
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.833 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.833	9.49 ng	636974	Naphthalene-d8	8.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 5-methyl-	184	C13H28	017453-93-9	27
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	27
3			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	27
4			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	22
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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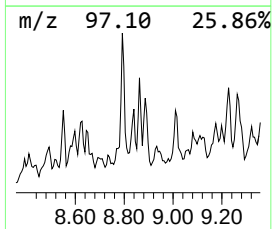
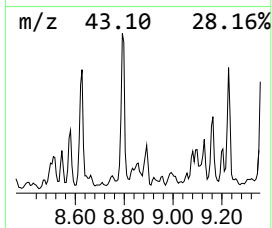
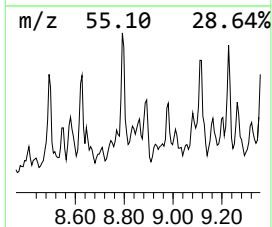
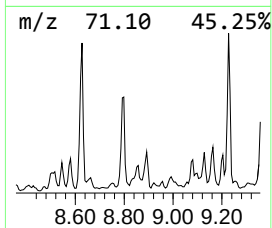
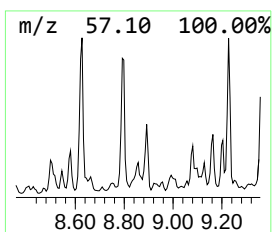
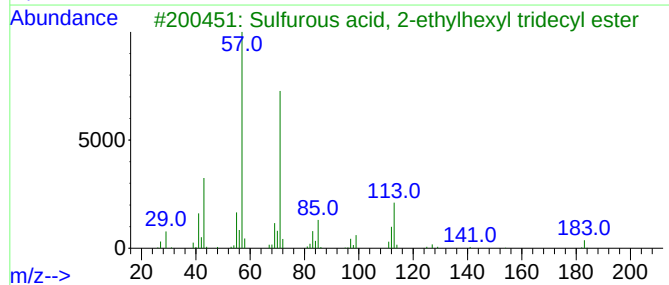
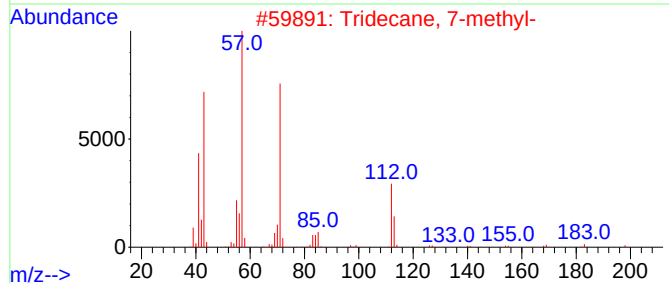
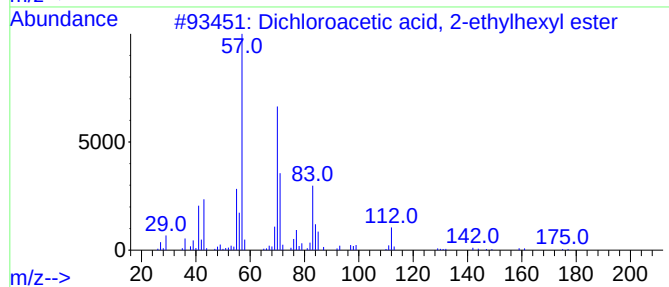
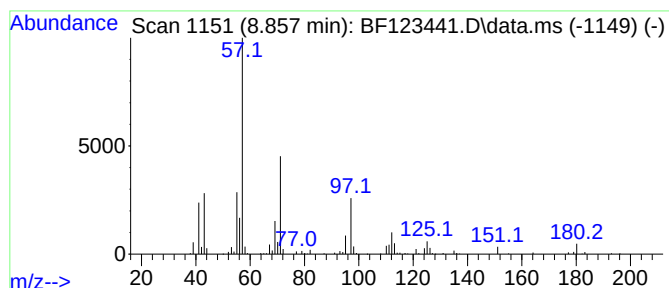
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dichloroacetic acid, 2-ethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.857	14.36 ng	963946	Naphthalene-d8	8.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, 2-ethylhexy...	240	C10H18Cl2O2	068144-72-9	50
2			Tridecane, 7-methyl-	198	C14H30	026730-14-3	47
3			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	43
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

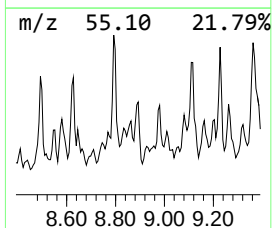
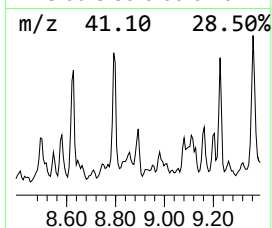
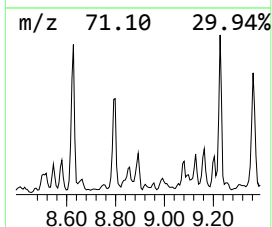
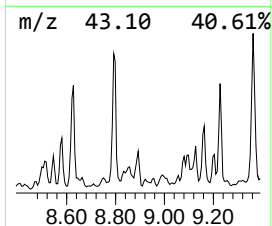
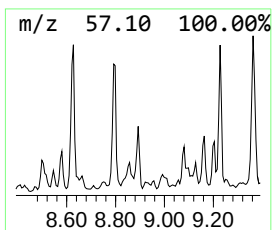
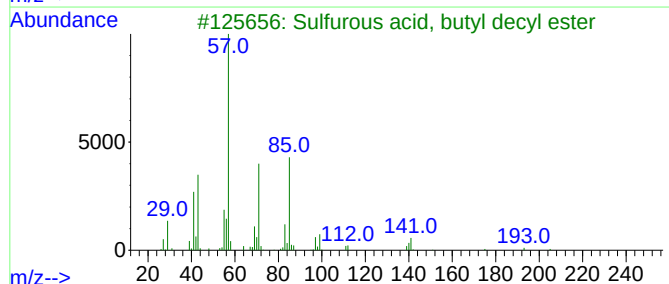
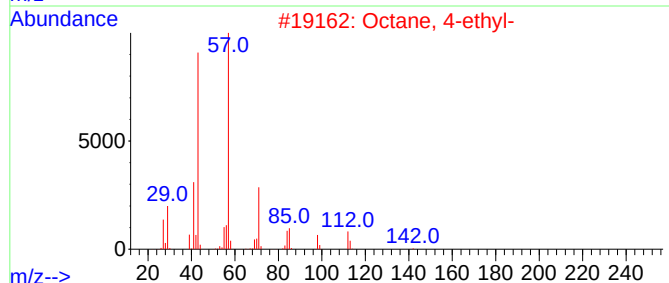
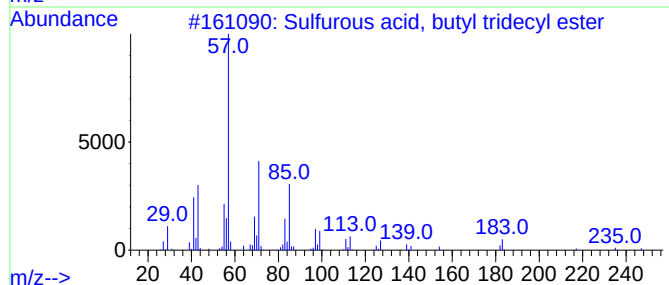
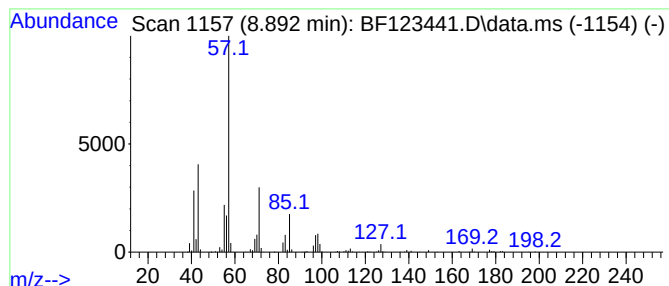
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Sulfurous acid, butyl tridecyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.892	27.28 ng	1831020	Naphthalene-d8	8.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	64
3			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	59
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	59
5			3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

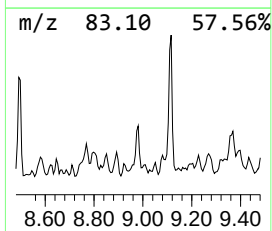
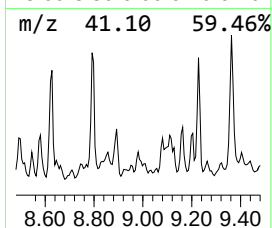
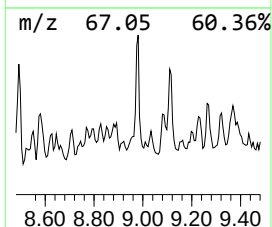
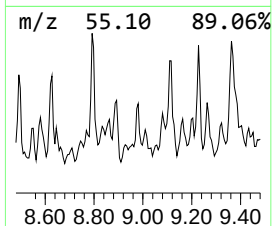
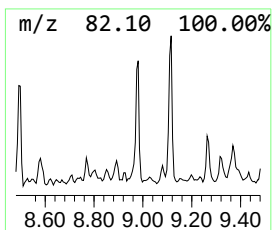
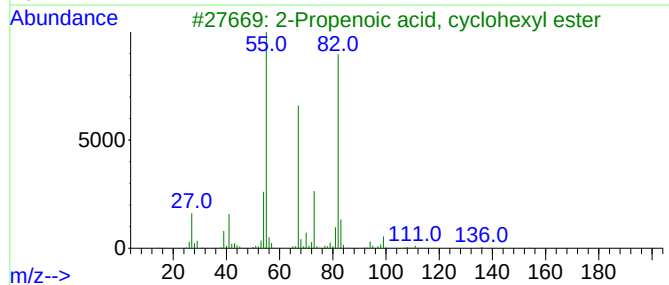
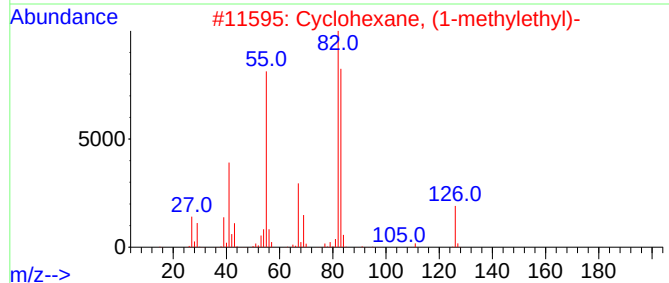
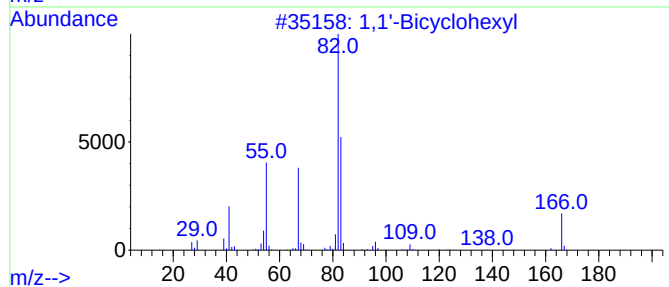
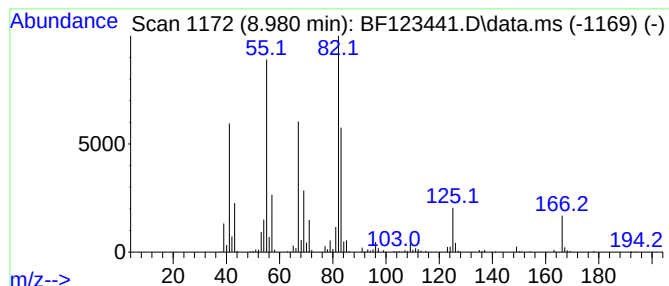
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Bicyclohexyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.980	11.69 ng	784574	Naphthalene-d8	8.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Bicyclohexyl	166	C12H22	000092-51-3	87
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3			2-Propenoic acid, cyclohexyl ester	154	C9H14O2	003066-71-5	50
4			Fumaric acid, cis-hex-3-enyl tet...	394	C24H42O4	1000348-86-9	47
5			Dodecanoic acid, 2-hexen-1-yl ester	282	C18H34O2	1000159-97-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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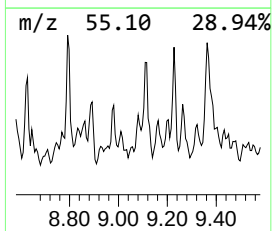
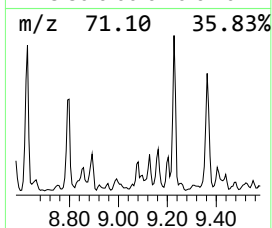
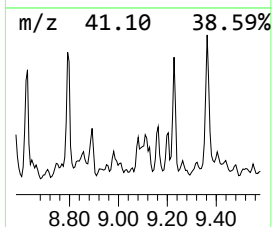
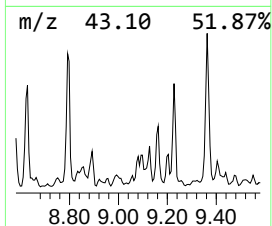
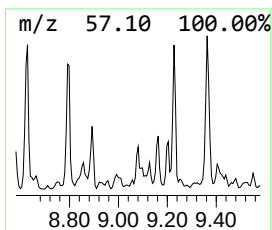
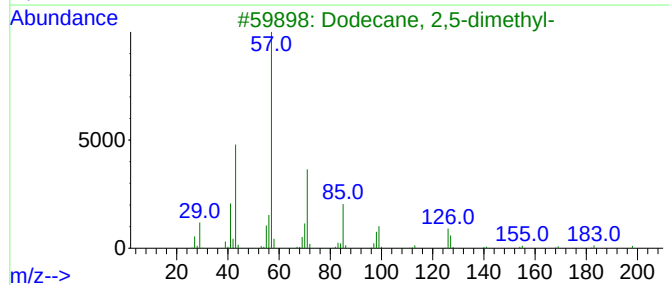
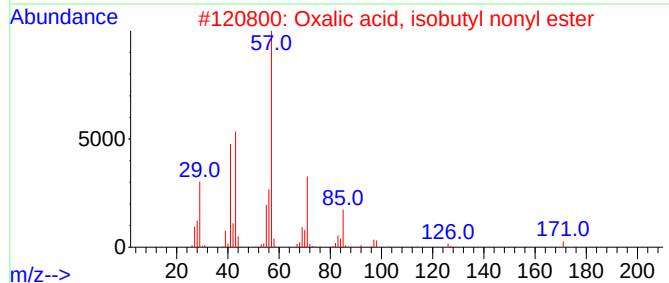
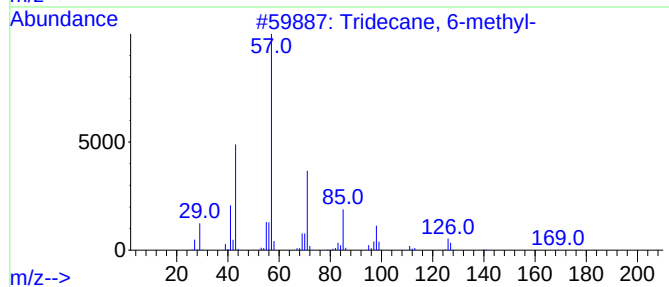
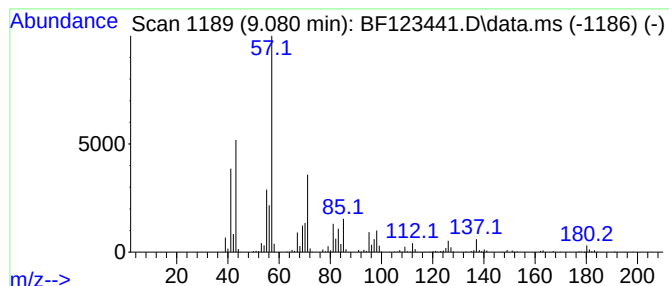
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 6-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.080	12.00 ng	1211070	Acenaphthene-d10	9.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
2			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53
3			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	53
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	52
5			1-Decanol, 2-methyl-	172	C11H24O	018675-24-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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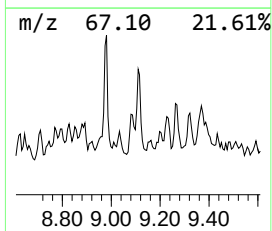
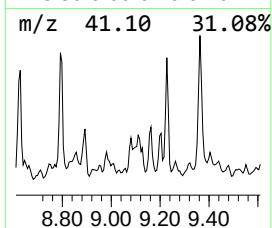
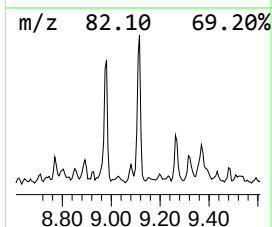
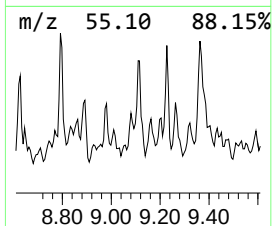
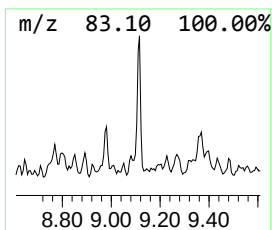
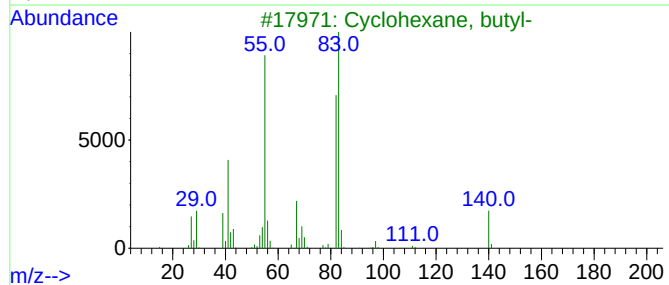
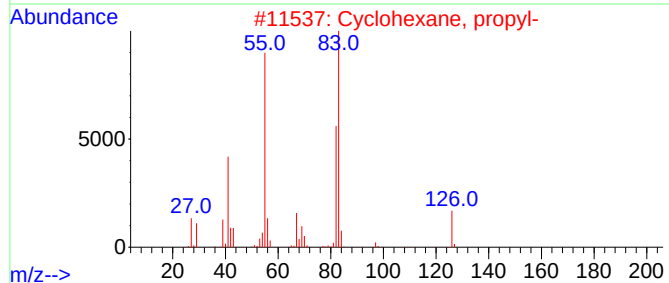
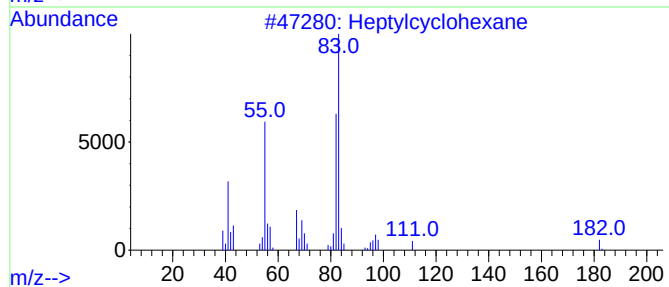
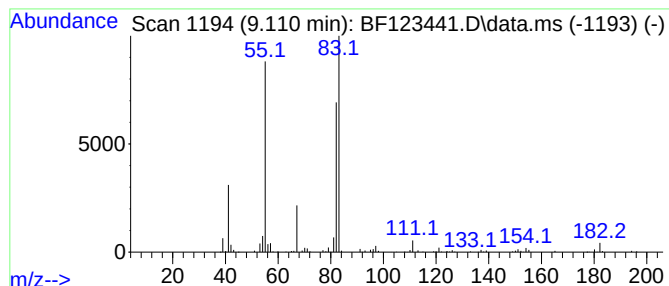
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptylcyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.110	17.04 ng	1718740	Acenaphthene-d10	9.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	74
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	56
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

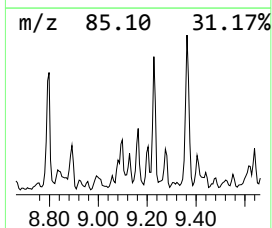
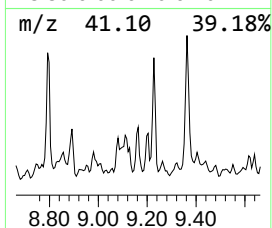
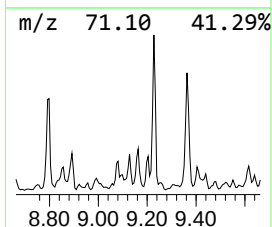
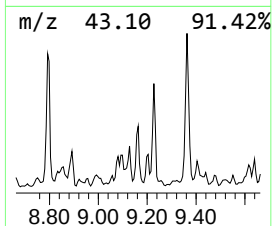
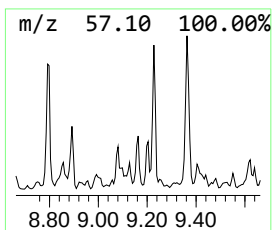
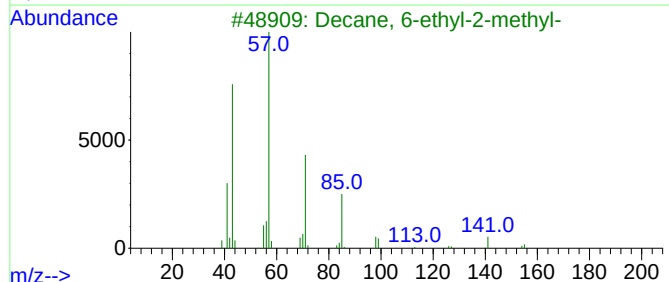
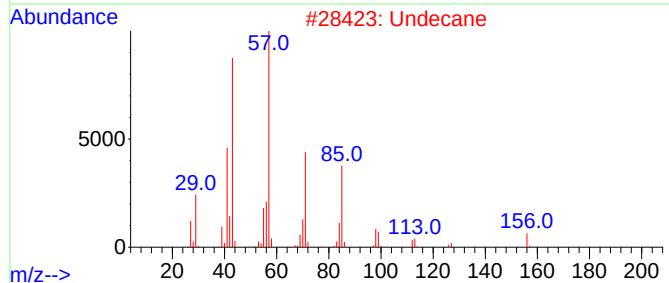
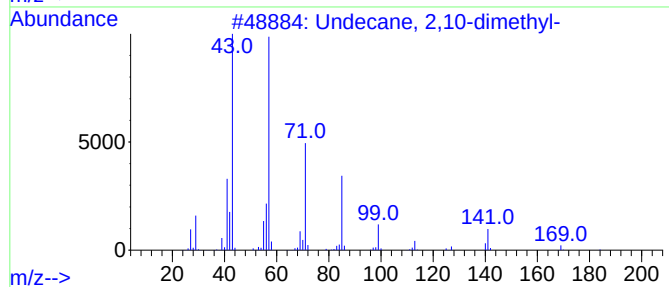
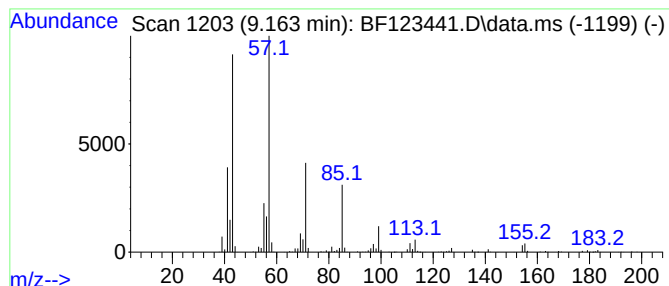
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane, 2,10-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	16.28 ng	1642030	Acenaphthene-d10	9.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	86
2			Undecane	156	C11H24	001120-21-4	78
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
4			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
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Sample : M1749-02
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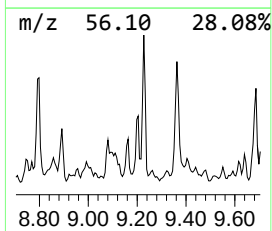
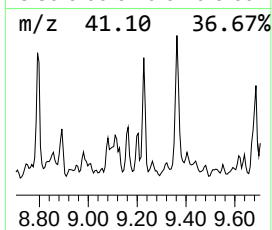
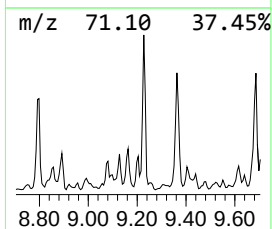
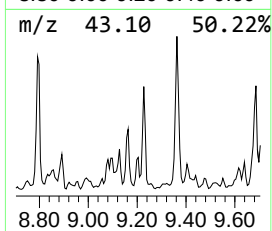
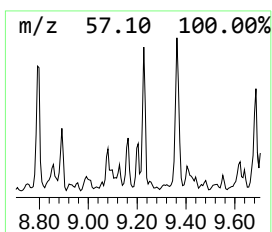
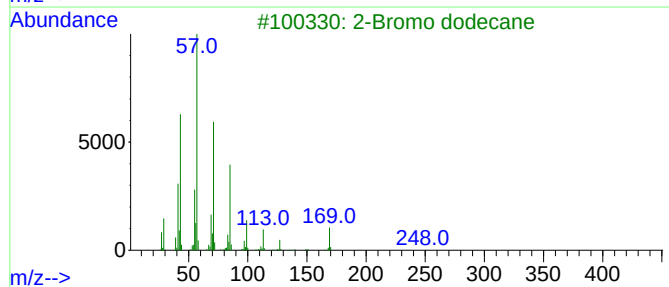
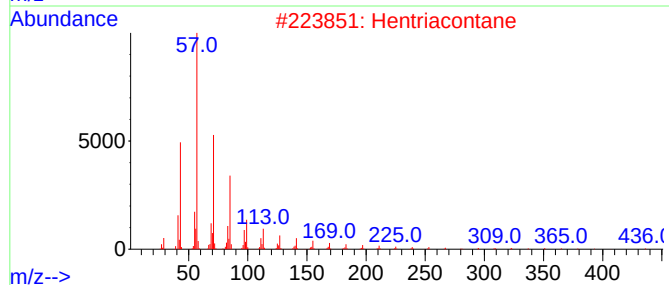
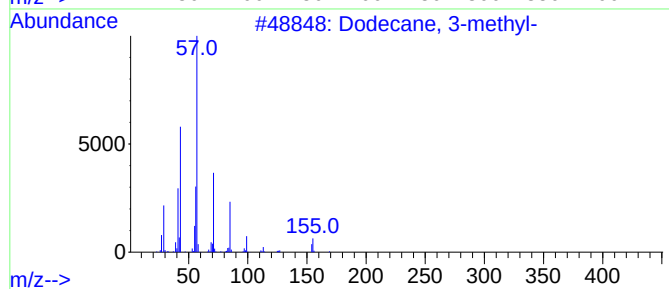
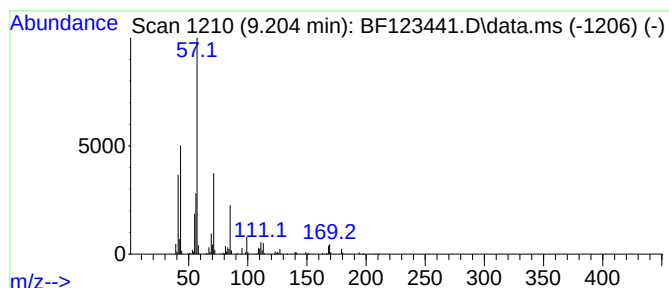
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.204	11.86 ng	1196200	Acenaphthene-d10	9.957	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Hentriacontane	437	C31H64	000630-04-6	59
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	50
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

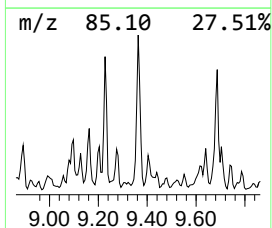
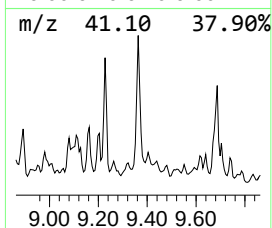
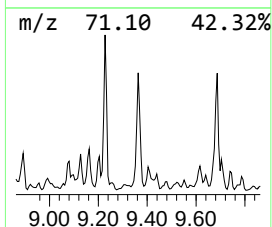
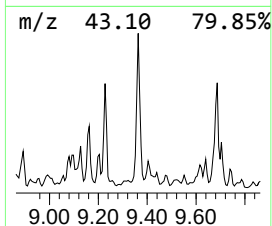
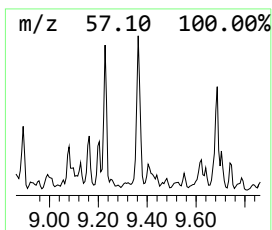
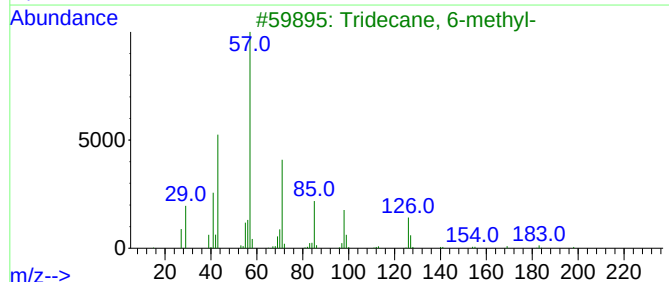
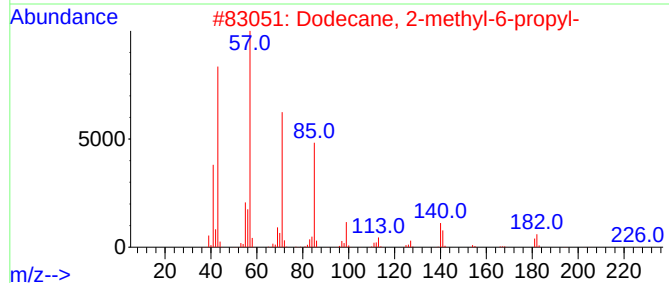
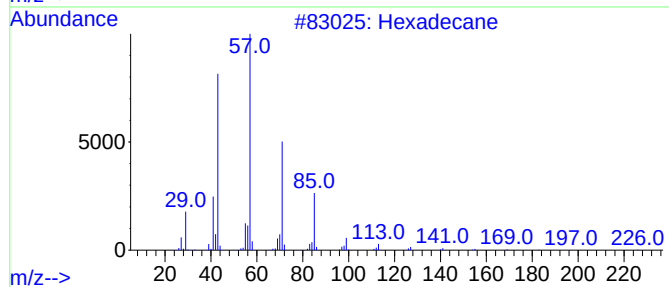
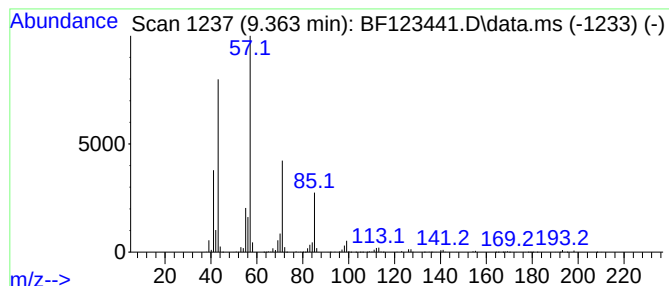
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	51.54 ng	5200190	Acenaphthene-d10	9.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
4			Tridecane	184	C13H28	000629-50-5	72
5			Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

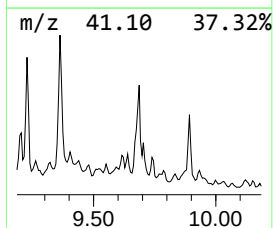
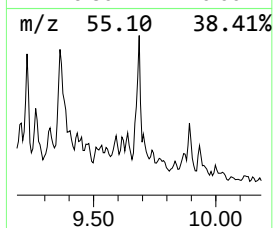
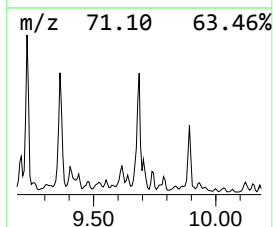
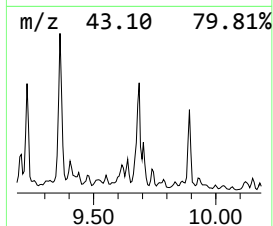
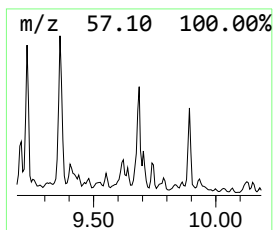
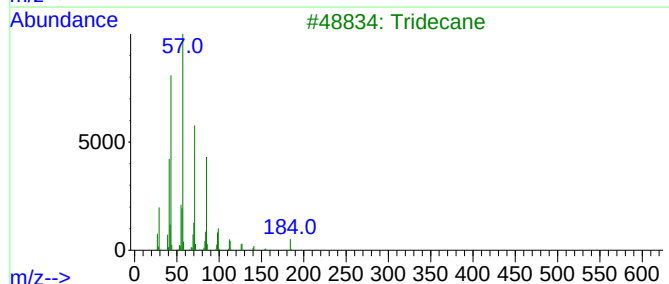
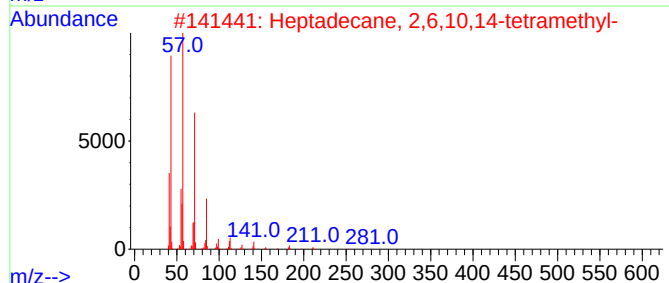
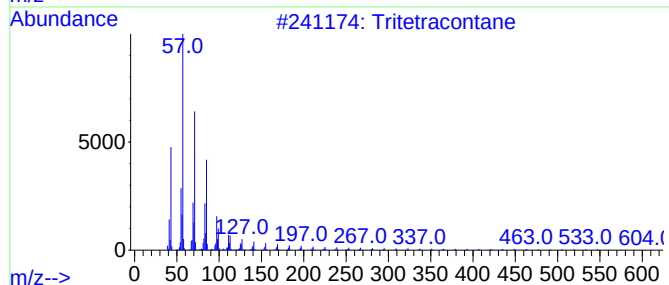
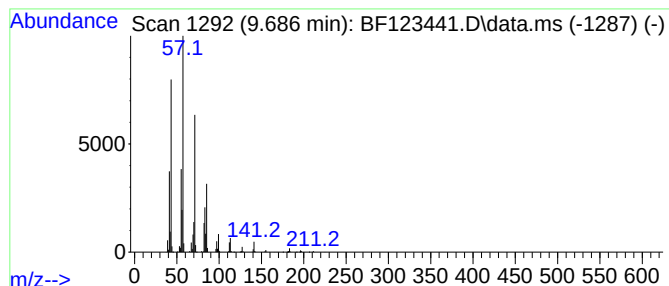
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	44.14 ng	4453080	Acenaphthene-d10	9.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	86
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
3		Tridecane	184	C13H28	000629-50-5	72
4		Dodecane	170	C12H26	000112-40-3	72
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

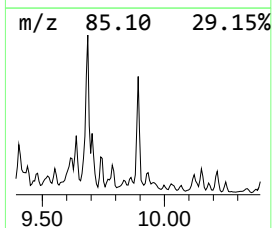
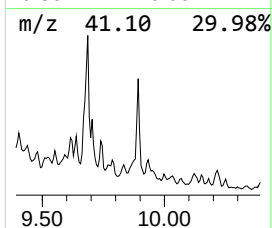
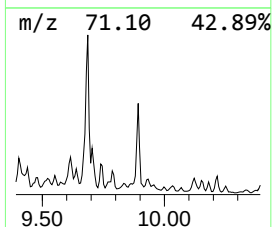
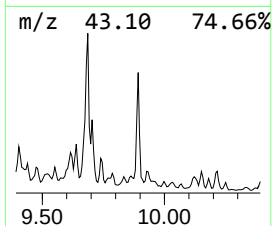
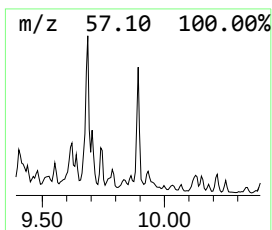
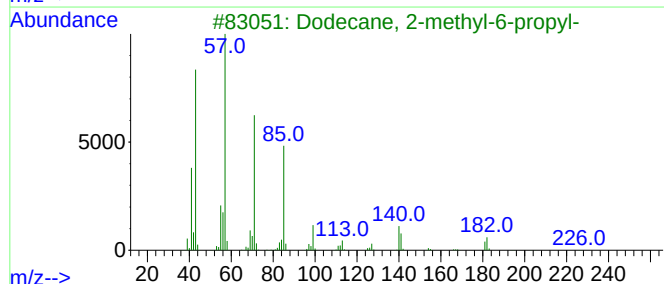
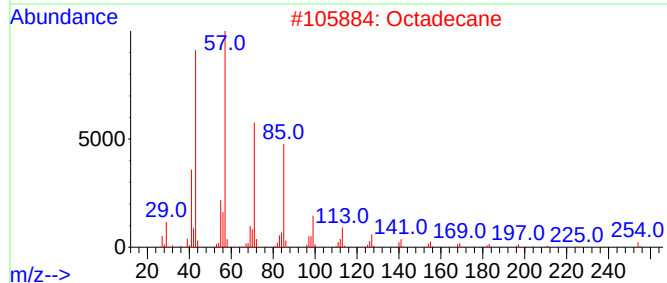
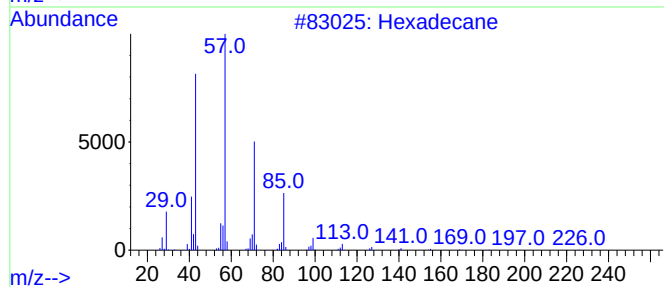
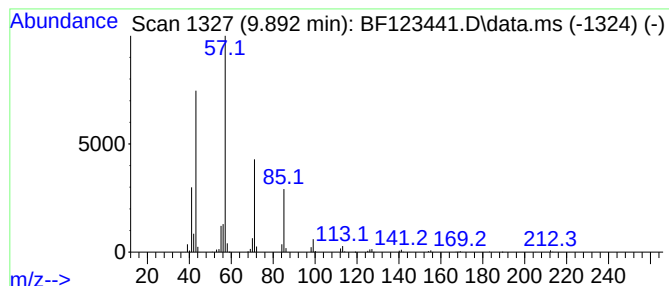
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.892	22.09 ng	2228680	Acenaphthene-d10	9.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Octadecane	254	C18H38	000593-45-3	83
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
4		Tetradecane	198	C14H30	000629-59-4	83
5		Eicosane	282	C20H42	000112-95-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123441.D
Acq On : 24 Mar 2021 16:13
Operator : JU/CG
Sample : M1749-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

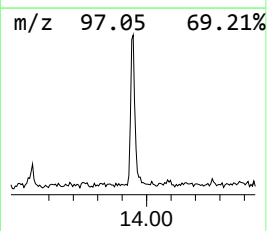
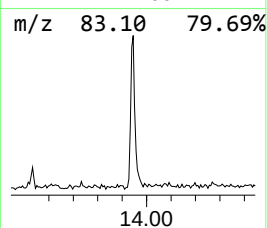
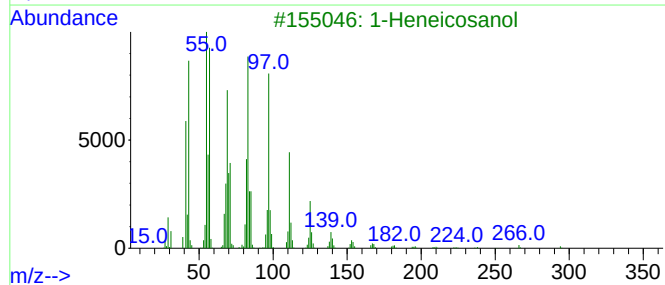
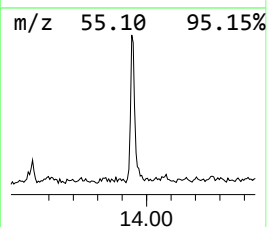
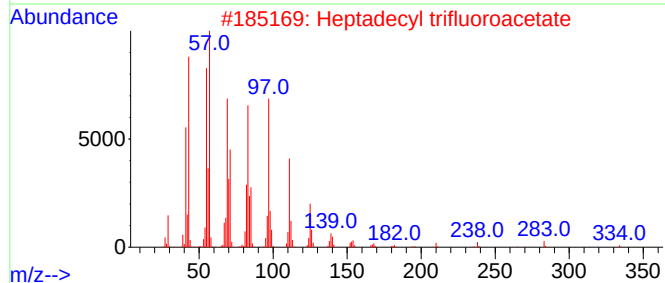
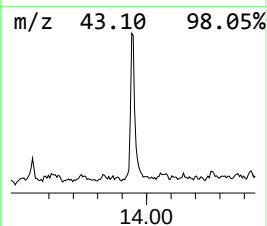
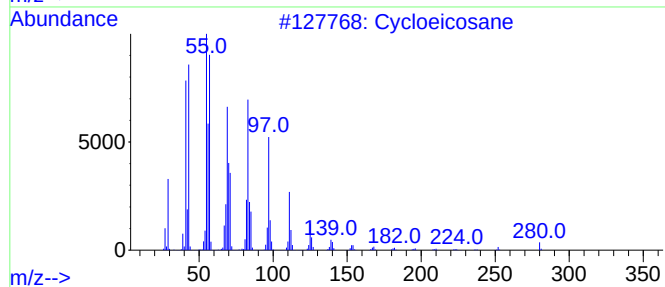
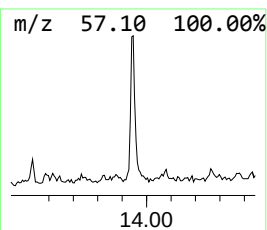
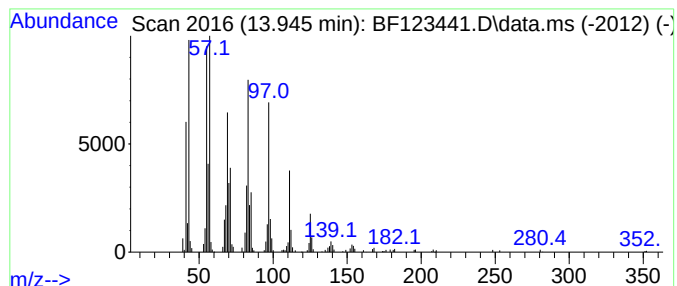
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cycloeicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	9.89 ng	510648	Chrysene-d12	14.092

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloeicosane	280	C20H40	000296-56-0	97
2			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			1-Tricosene	322	C23H46	018835-32-0	91
5			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123441.D
 Acq On : 24 Mar 2021 16:13
 Operator : JU/CG
 Sample : M1749-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 FS-SB-15-21-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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...	2.240	23.5	ng	1619400	1	6.916	1378850	20.0
Undecane, 2,6-d...	8.263	32.4	ng	2171650	2	8.198	1342330	20.0
Cyclohexane, oc...	8.498	43.6	ng	2927790	2	8.198	1342330	20.0
Undecane, 3,8-d...	8.545	12.0	ng	808317	2	8.198	1342330	20.0
Dodecane, 2-met...	8.580	23.1	ng	1549100	2	8.198	1342330	20.0
Octane, 3,6-dim...	8.627	60.4	ng	4050920	2	8.198	1342330	20.0
Cyclohexane, 1,...	8.751	13.3	ng	890405	2	8.198	1342330	20.0
Hexadecane	8.792	64.3	ng	4313900	2	8.198	1342330	20.0
unknown8.833	8.833	9.5	ng	636974	2	8.198	1342330	20.0
Dichloroacetic ...	8.857	14.4	ng	963946	2	8.198	1342330	20.0
Sulfurous acid,...	8.892	27.3	ng	1831020	2	8.198	1342330	20.0
1,1'-Bicyclohexyl	8.980	11.7	ng	784574	2	8.198	1342330	20.0
Tridecane, 6-me...	9.080	12.0	ng	1211070	3	9.957	2017780	20.0
Heptylcyclohexane	9.110	17.0	ng	1718740	3	9.957	2017780	20.0
Undecane, 2,10-...	9.163	16.3	ng	1642030	3	9.957	2017780	20.0
Dodecane, 3-met...	9.204	11.9	ng	1196200	3	9.957	2017780	20.0
Dodecane, 2-met...	9.363	51.5	ng	5200190	3	9.957	2017780	20.0
Tritetracontane	9.686	44.1	ng	4453080	3	9.957	2017780	20.0
Octadecane	9.892	22.1	ng	2228680	3	9.957	2017780	20.0
Cycloeicosane	13.945	9.9	ng	510648	5	14.092	1032860	20.0