

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126556.D
 Acq On : 7 Jan 2022 21:39
 Operator : JU/CG
 Sample : N1070-03 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-010622

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-BF122921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	550	561	570	rBV	315970	323938	5.91%	0.326%
2	6.034	668	671	673	rVV	287615	270778	4.94%	0.272%
3	6.222	698	703	706	rBV2	201568	247466	4.52%	0.249%
4	6.316	716	719	722	rBV2	494308	553928	10.11%	0.557%
5	6.381	726	730	733	rBV2	439149	474557	8.66%	0.478%
6	6.528	750	755	760	rBV5	334978	669354	12.22%	0.674%
7	6.628	766	772	777	rVB2	2384294	2642767	48.25%	2.659%
8	6.728	782	789	792	rBV3	182764	366945	6.70%	0.369%
9	6.781	795	798	800	rBV2	672681	706068	12.89%	0.710%
10	6.804	800	802	806	rVB2	1103091	927251	16.93%	0.933%
11	6.845	806	809	813	rBV2	608971	649968	11.87%	0.654%
12	6.934	821	824	828	rBV2	854052	916235	16.73%	0.922%
13	6.969	828	830	833	rVB2	405135	366230	6.69%	0.369%
14	7.022	836	839	840	rBV2	267610	244737	4.47%	0.246%
15	7.069	843	847	849	rVB2	1102559	1266884	23.13%	1.275%
16	7.098	849	852	855	rBV2	915594	1111916	20.30%	1.119%
17	7.134	855	858	862	rVB	999201	914484	16.70%	0.920%
18	7.181	862	866	869	rBV	1659663	1522724	27.80%	1.532%
19	7.216	869	872	876	rVB5	214576	283267	5.17%	0.285%
20	7.251	876	878	880	rBV	251983	260855	4.76%	0.262%
21	7.275	880	882	885	rVB	293416	230342	4.21%	0.232%
22	7.322	885	890	893	rBV2	976939	1452758	26.52%	1.462%
23	7.398	896	903	905	rVB	3837769	4466975	81.55%	4.495%
24	7.439	905	910	913	rVB5	845313	1302574	23.78%	1.311%
25	7.475	913	916	918	rBV2	464717	646001	11.79%	0.650%
26	7.504	918	921	925	rVB3	630172	654716	11.95%	0.659%
27	7.545	925	928	930	rBV2	276918	344160	6.28%	0.346%
28	7.592	930	936	940	rVB3	879786	1814178	33.12%	1.826%
29	7.628	940	942	947	rVB2	274063	203848	3.72%	0.205%
30	7.698	947	954	955	rBV3	925068	1506074	27.50%	1.515%
31	7.757	960	964	967	rVV3	1119969	1656135	30.24%	1.666%
32	7.792	967	970	972	rVV	1398247	1477600	26.98%	1.487%
33	7.828	974	976	980	rVV2	1649989	1803316	32.92%	1.815%
34	7.875	980	984	985	rVV	995178	1032223	18.85%	1.039%
35	7.892	985	987	988	rVV	645509	570910	10.42%	0.574%
36	7.910	988	990	993	rVB	965162	747824	13.65%	0.752%

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Smoothing : ON

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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-BF122921.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.945	993	996	1000	rBV2	359462	537530	9.81%	0.541%
38	7.981	1000	1002	1004	rVV	304622	251250	4.59%	0.253%
39	8.010	1005	1007	1008	rVV	368481	297529	5.43%	0.299%
40	8.028	1008	1010	1012	rVV3	681628	780449	14.25%	0.785%
41	8.069	1012	1017	1019	rVV2	4384683	5477397	100.00%	5.512%
42	8.092	1019	1021	1024	rVV3	471093	782920	14.29%	0.788%
43	8.122	1024	1026	1027	rVV	858340	800101	14.61%	0.805%
44	8.139	1027	1029	1031	rVV	2122593	1766349	32.25%	1.777%
45	8.169	1031	1034	1036	rVV3	649836	733557	13.39%	0.738%
46	8.192	1036	1038	1041	rVB2	386129	330371	6.03%	0.332%
47	8.234	1041	1045	1049	rBV5	409678	809625	14.78%	0.815%
48	8.269	1049	1051	1055	rVV2	756687	917336	16.75%	0.923%
49	8.316	1055	1059	1063	rVV4	348991	540116	9.86%	0.543%
50	8.369	1063	1068	1071	rVV5	1252832	2078004	37.94%	2.091%
51	8.422	1075	1077	1080	rVV3	1154463	1006309	18.37%	1.013%
52	8.457	1080	1083	1086	rVV2	1441598	1399934	25.56%	1.409%
53	8.498	1086	1090	1092	rVV	1928539	2096397	38.27%	2.109%
54	8.539	1095	1097	1099	rVB	520037	400164	7.31%	0.403%
55	8.575	1099	1103	1106	rBV2	1135156	1102260	20.12%	1.109%
56	8.616	1106	1110	1112	rBV4	304023	335288	6.12%	0.337%
57	8.675	1115	1120	1123	rVV	3680318	4184221	76.39%	4.210%
58	8.733	1127	1130	1132	rVV2	844572	922643	16.84%	0.928%
59	8.763	1132	1135	1138	rVB3	765251	858964	15.68%	0.864%
60	8.898	1156	1158	1162	rVB3	627530	543325	9.92%	0.547%
61	8.951	1165	1167	1169	rBV	573640	531528	9.70%	0.535%
62	9.033	1178	1181	1184	rVB2	853993	798617	14.58%	0.804%
63	9.075	1185	1188	1189	rVV	617015	534058	9.75%	0.537%
64	9.098	1189	1192	1196	rVV3	1299926	1338807	24.44%	1.347%
65	9.145	1198	1200	1205	rVV4	294890	247857	4.53%	0.249%
66	9.239	1211	1216	1219	rVV	2790809	3025839	55.24%	3.045%
67	9.275	1220	1222	1224	rVV2	369368	426533	7.79%	0.429%
68	9.298	1224	1226	1232	rVV3	525173	708819	12.94%	0.713%
69	9.463	1251	1254	1256	rBV2	188950	256815	4.69%	0.258%
70	9.486	1256	1258	1260	rVV2	519641	500378	9.14%	0.504%
71	9.510	1260	1262	1264	rVV	478911	375835	6.86%	0.378%
72	9.551	1264	1269	1271	rVV2	874059	1128235	20.60%	1.135%
73	9.575	1271	1273	1276	rVV	604465	542830	9.91%	0.546%
74	9.610	1276	1279	1282	rVV2	471159	397241	7.25%	0.400%
75	9.645	1282	1285	1290	rVB6	163936	265469	4.85%	0.267%
76	9.763	1302	1305	1308	rVV	1797930	1349625	24.64%	1.358%

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77	9.804	1309	1312	1313	rVV3	246256	239565	4.37%	0.241%
78	9.822	1313	1315	1318	rVB	718587	645652	11.79%	0.650%
79	9.992	1341	1344	1347	rVV2	230870	346712	6.33%	0.349%
80	10.022	1347	1349	1352	rVV3	219143	265848	4.85%	0.268%
81	10.080	1356	1359	1363	rVV3	326863	445205	8.13%	0.448%
82	10.263	1386	1390	1392	rVV	993190	844275	15.41%	0.850%
83	10.480	1421	1427	1430	rBV	296912	389284	7.11%	0.392%
84	10.604	1444	1448	1453	rVB3	150319	223367	4.08%	0.225%
85	10.733	1467	1470	1478	rVB	668290	699484	12.77%	0.704%
86	11.180	1543	1546	1549	rBV	436141	358434	6.54%	0.361%
87	11.310	1564	1568	1571	rBV	643010	544466	9.94%	0.548%
88	11.610	1616	1619	1621	rBV	377996	294122	5.37%	0.296%
89	11.716	1632	1637	1640	rVB	3135172	2859072	52.20%	2.877%
90	11.845	1656	1659	1667	rBV2	212402	272810	4.98%	0.275%
91	12.016	1684	1688	1696	rVB	315952	307195	5.61%	0.309%
92	12.404	1749	1754	1756	rBV	4011802	5004621	91.37%	5.036%
93	12.433	1756	1759	1764	rVV	4780378	5452367	99.54%	5.486%
94	12.504	1768	1771	1775	rVV	1613074	1539033	28.10%	1.549%
95	12.563	1775	1781	1788	rVV2	720072	1145227	20.91%	1.152%
96	12.898	1835	1838	1843	rBV	271981	237384	4.33%	0.239%
97	13.139	1876	1879	1880	rBV	229601	212362	3.88%	0.214%
98	13.957	2014	2018	2021	rBV	485016	440553	8.04%	0.443%
99	14.862	2168	2172	2179	rBV	188280	291838	5.33%	0.294%
100	15.415	2262	2266	2269	rBV	256066	310024	5.66%	0.312%

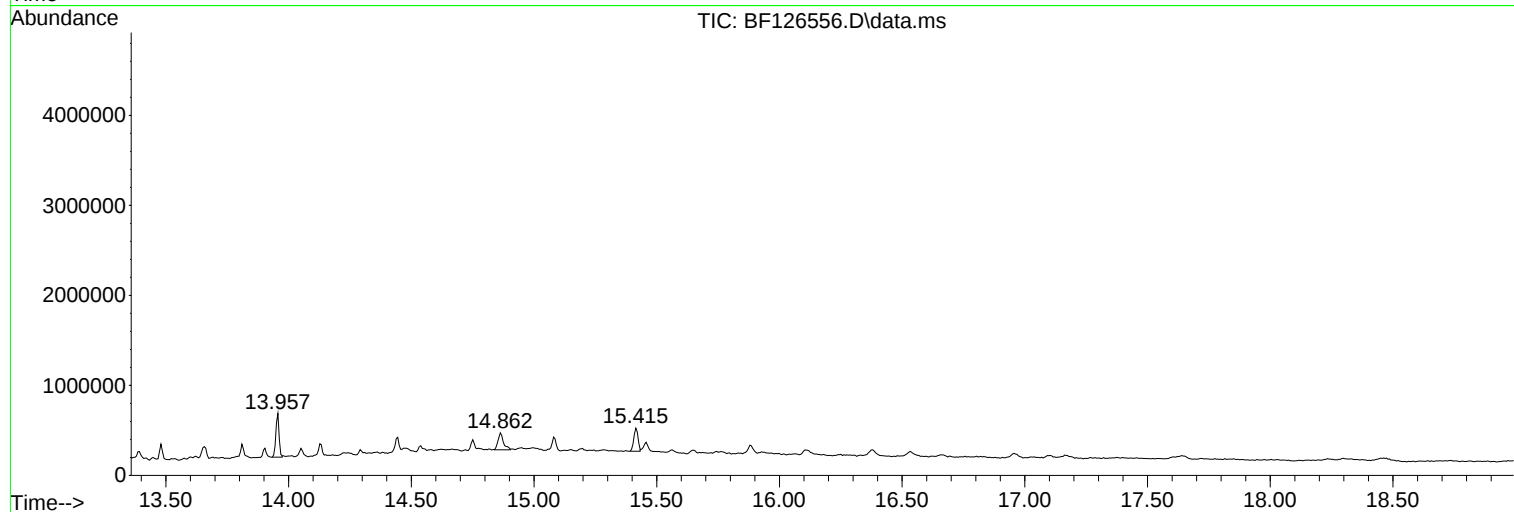
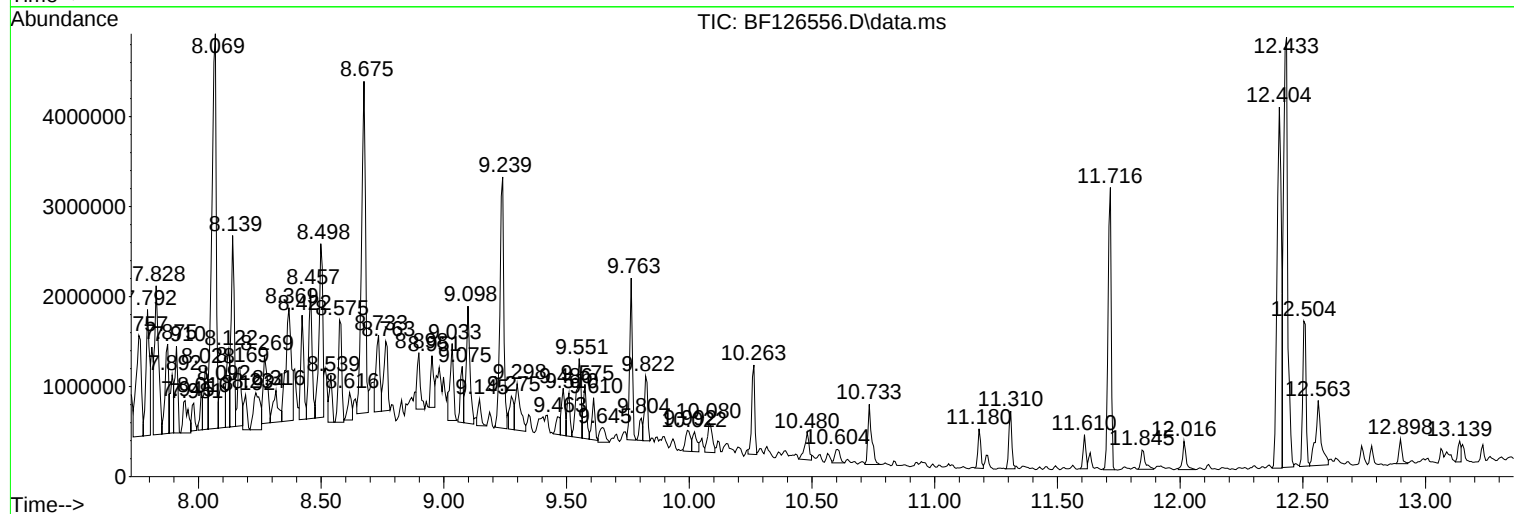
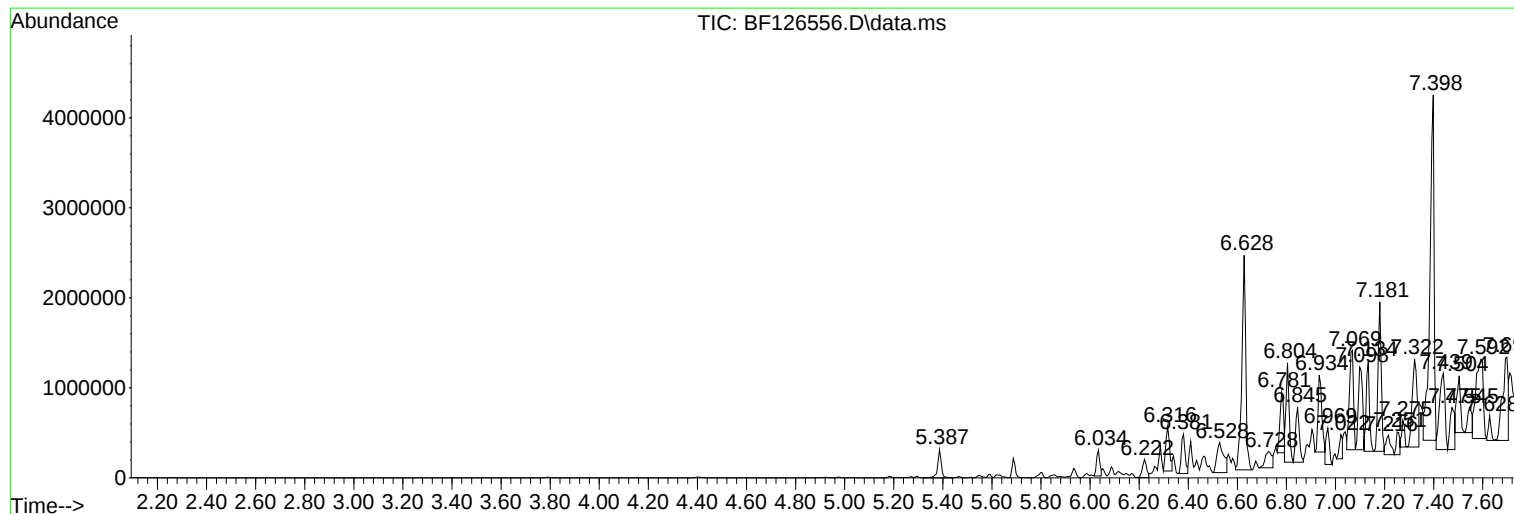
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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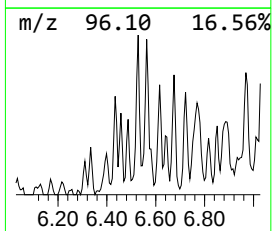
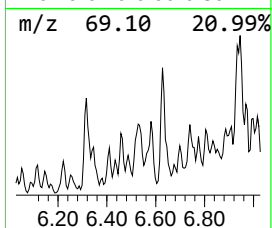
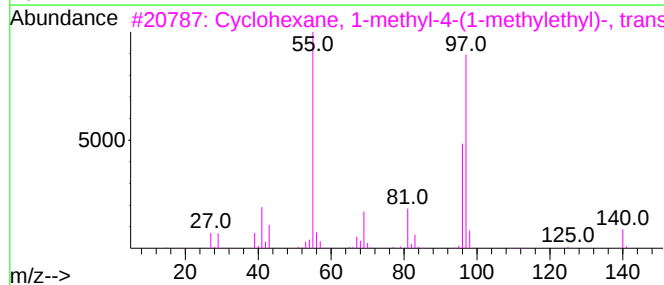
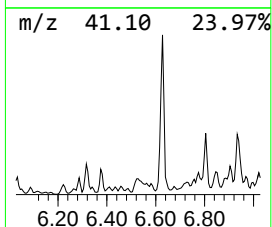
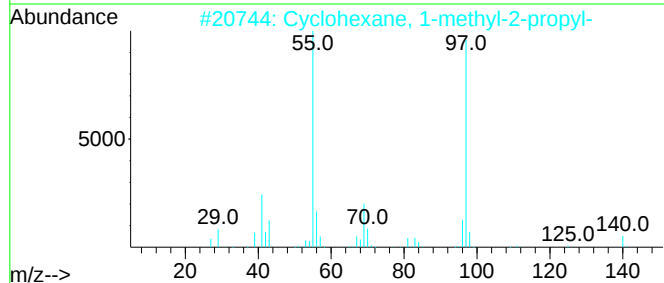
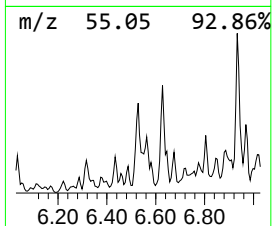
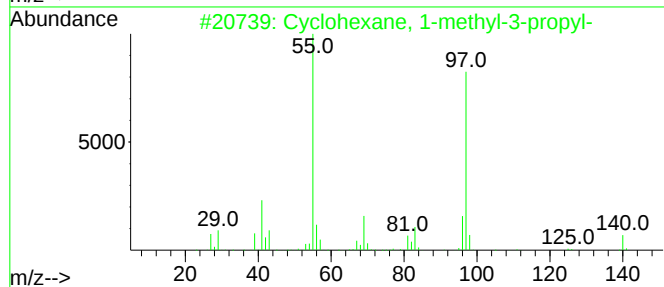
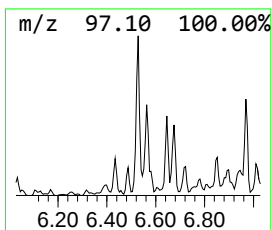
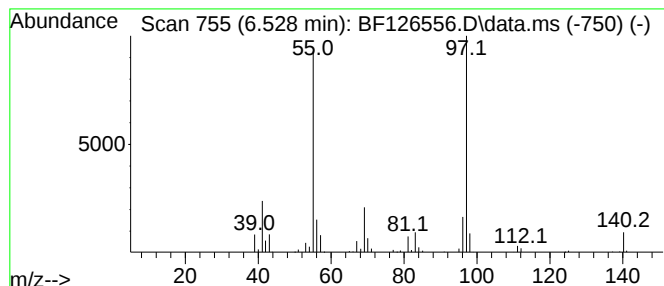
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, 1-methyl-3-pro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.528	18.96 ng	669354	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	91
2			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80
5			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	80



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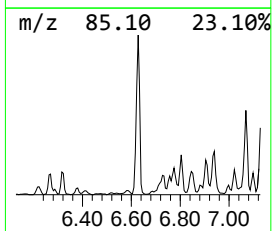
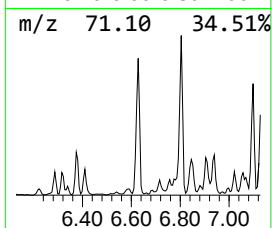
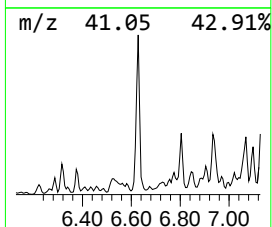
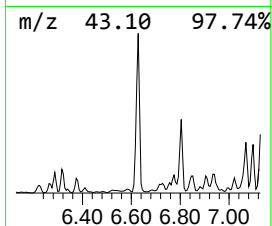
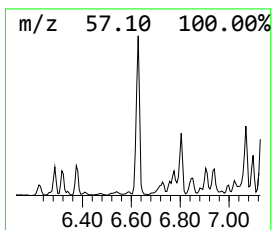
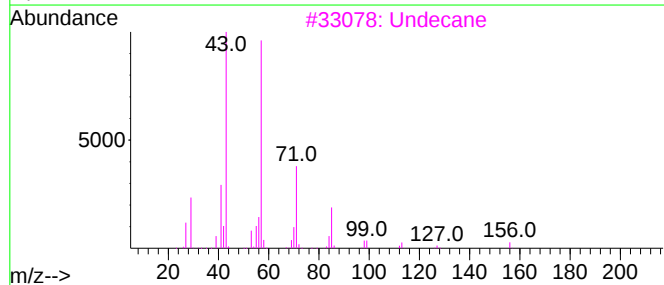
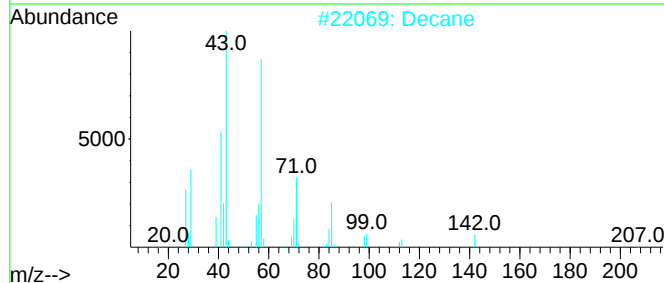
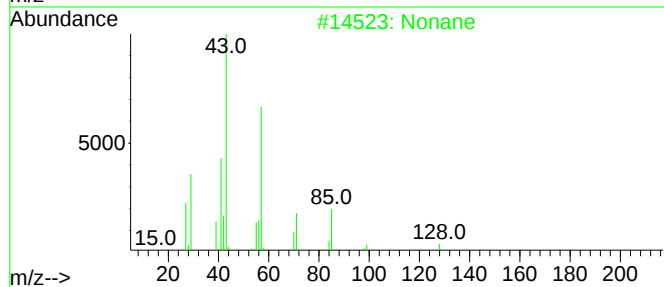
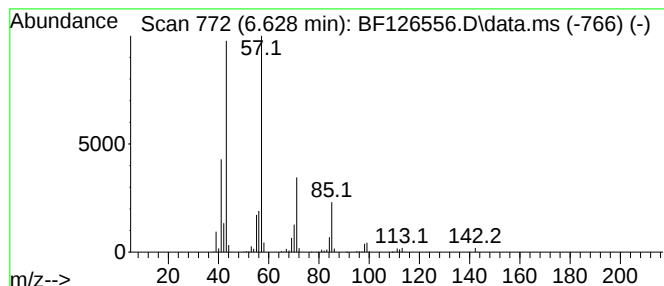
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.628	74.86 ng	2642770	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	83
2			Decane	142	C10H22	000124-18-5	78
3			Undecane	156	C11H24	001120-21-4	72
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64



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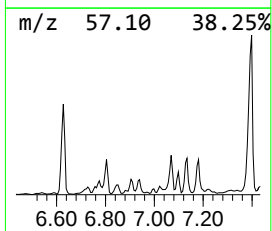
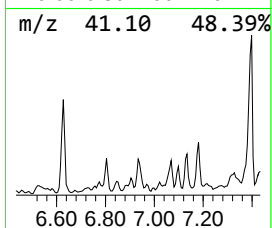
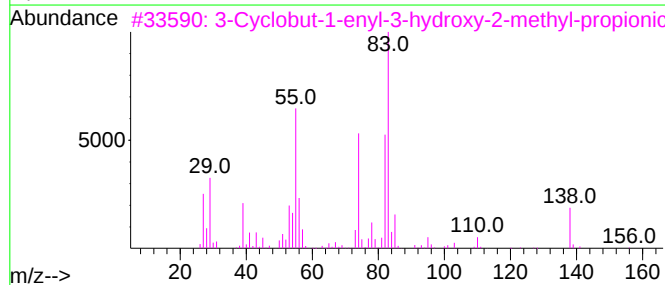
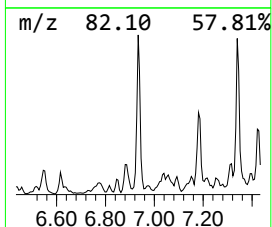
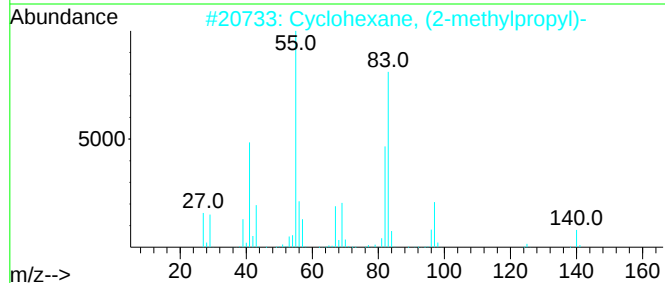
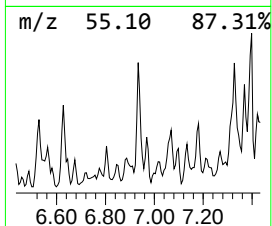
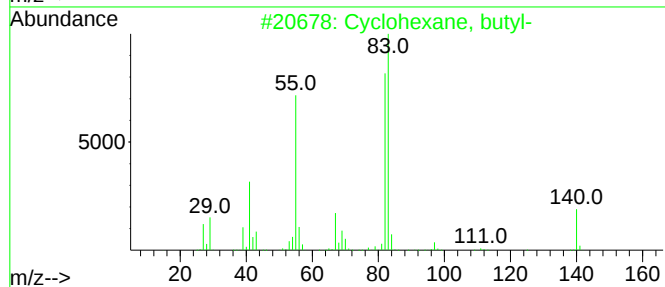
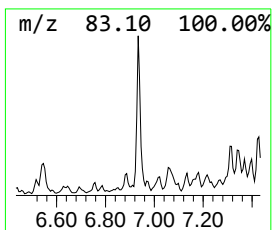
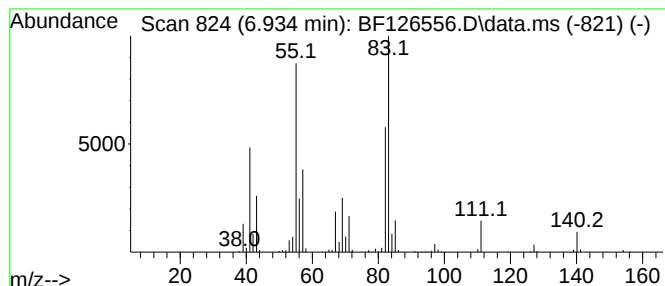
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.934	25.95 ng	916235	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3			3-Cyclobut-1-enyl-3-hydroxy-2-me...	156	C8H12O3	1000186-72-4	72
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-010622

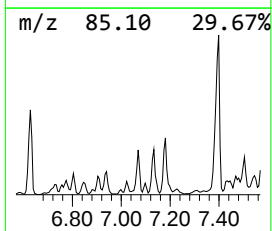
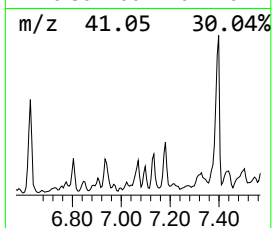
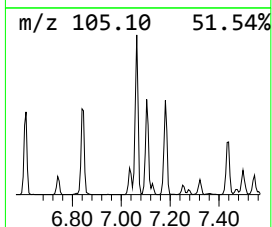
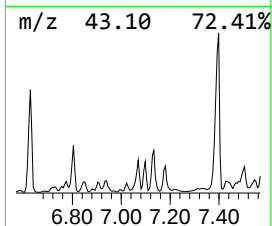
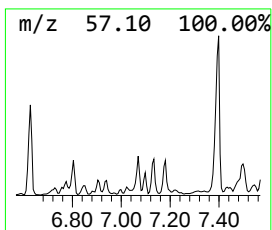
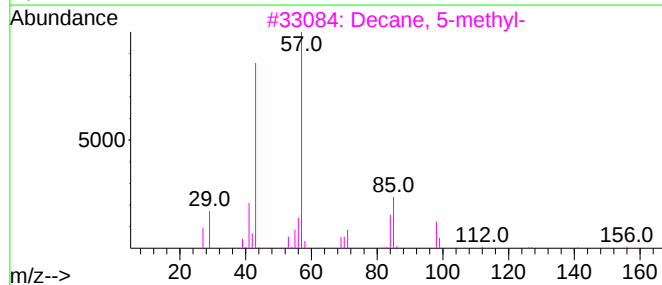
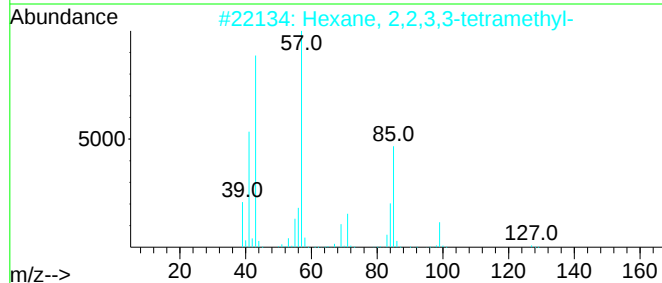
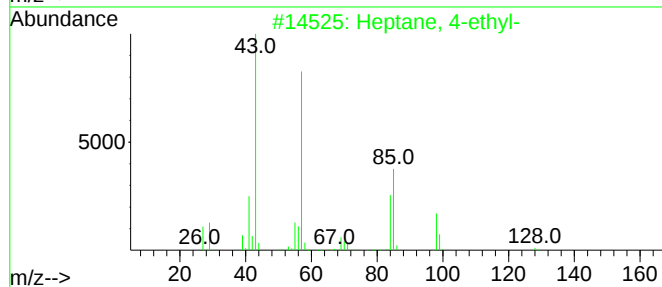
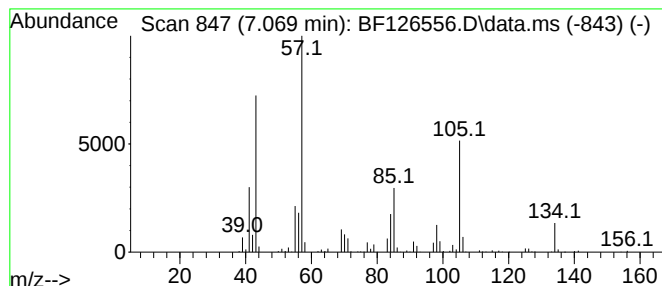
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptane, 4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	35.89 ng	1266880	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
2			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43
3			Decane, 5-methyl-	156	C11H24	013151-35-4	43
4			Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	35
5			2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
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Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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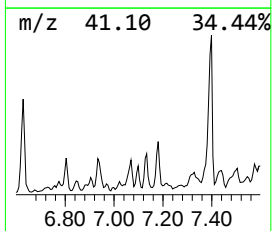
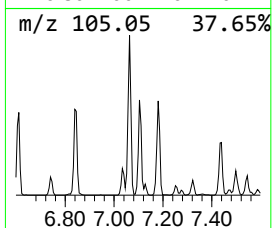
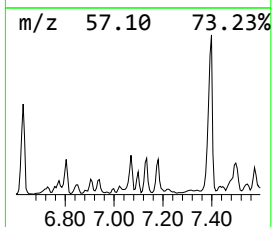
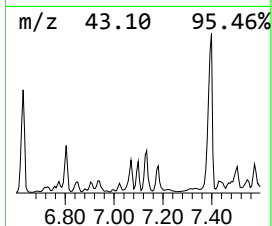
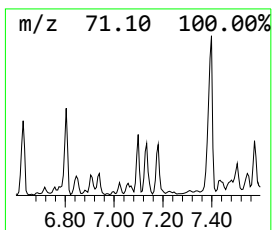
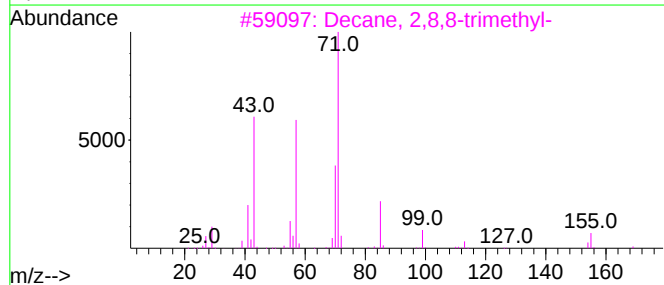
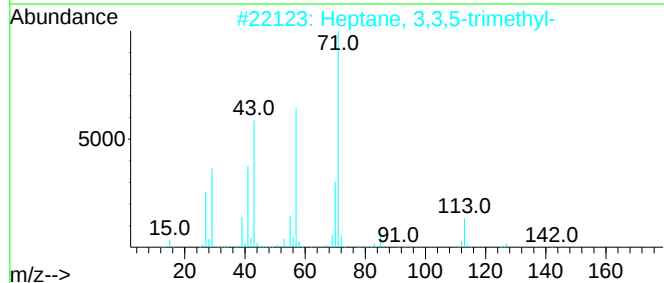
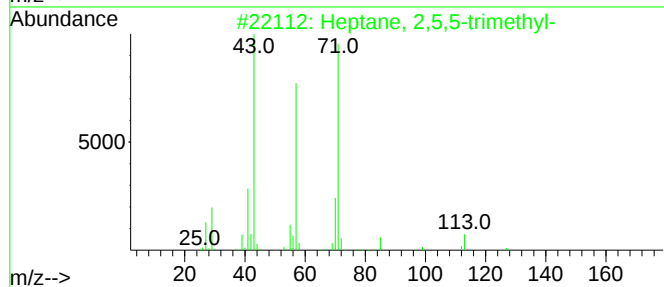
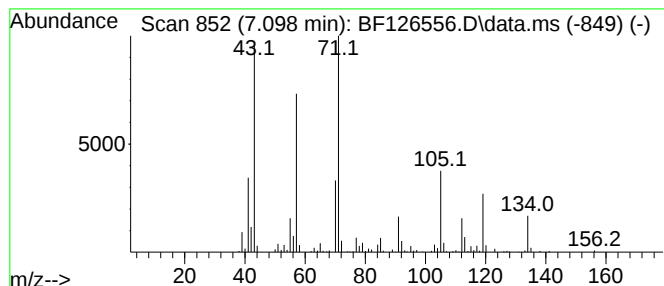
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptane, 2,5,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	31.50 ng	1111920	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	50
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47
3			Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	47
4			Decane, 4-methyl-	156	C11H24	002847-72-5	46
5			Oxalic acid, dineopentyl ester	230	C12H22O4	1010309-72-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
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Sample : N1070-03 5X
Misc :
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ClientSampleId :
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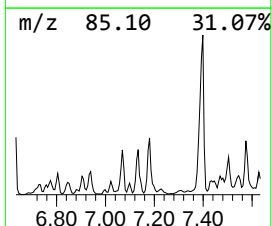
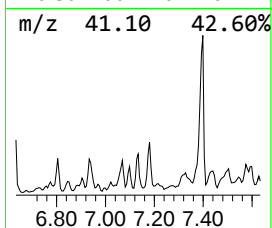
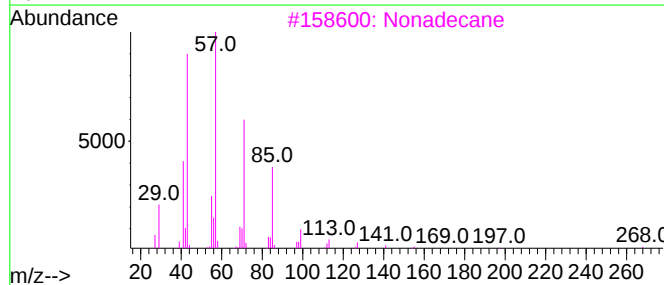
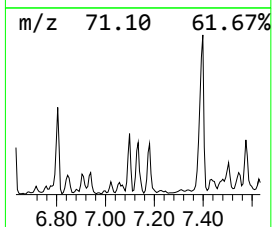
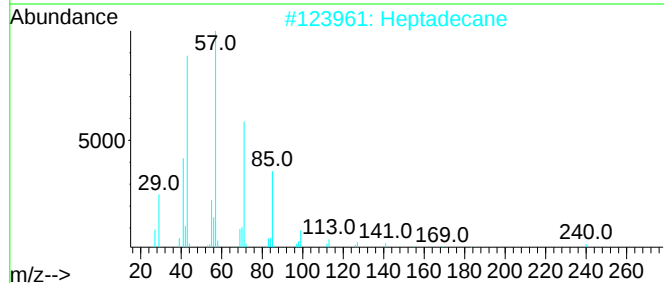
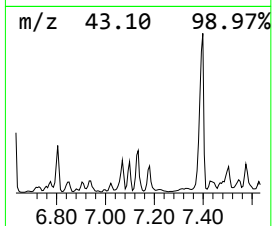
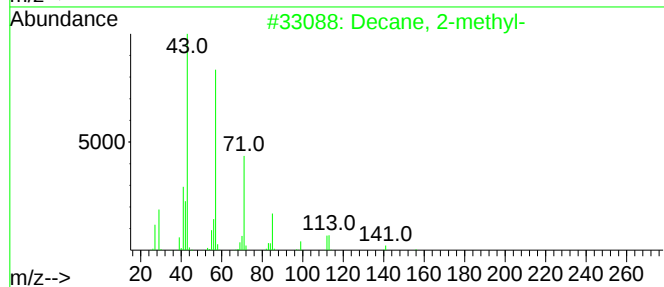
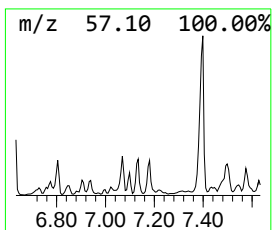
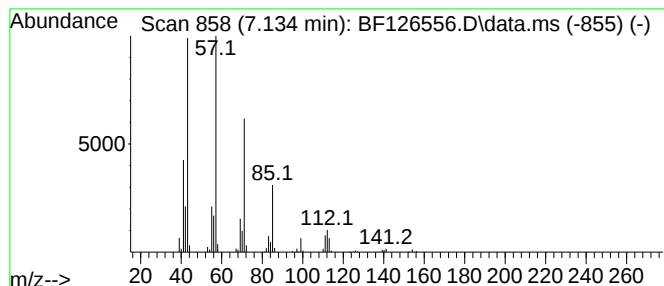
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Decane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	25.90 ng	914484	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	90
2			Heptadecane	240	C17H36	000629-78-7	64
3			Nonadecane	268	C19H40	000629-92-5	64
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
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ALS Vial : 26 Sample Multiplier: 1

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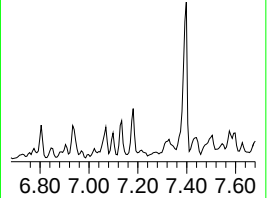
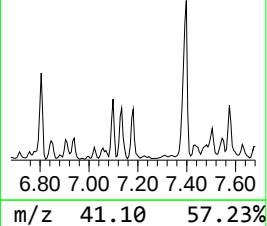
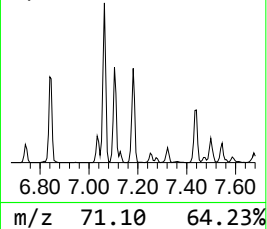
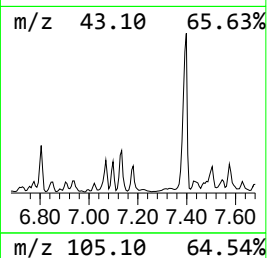
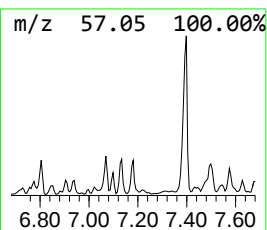
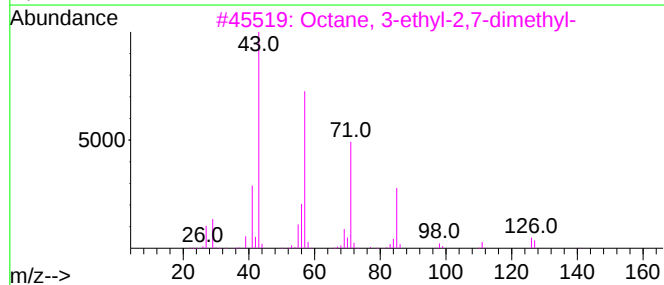
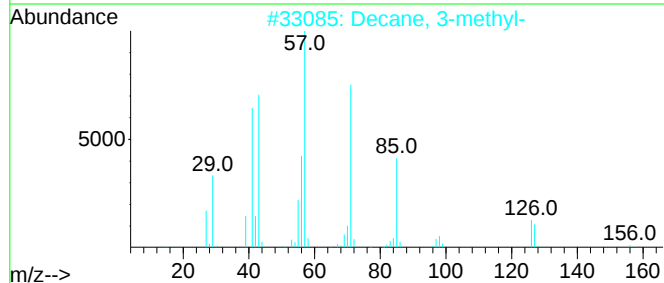
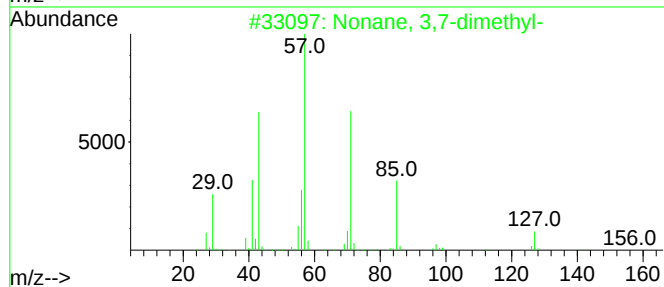
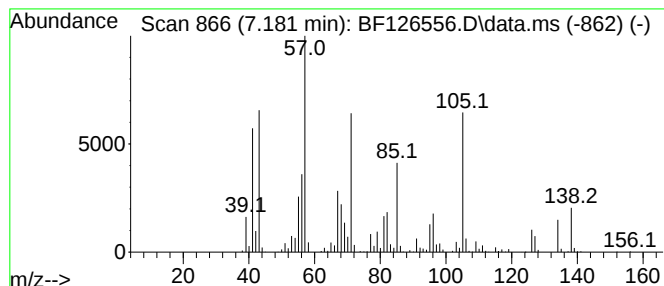
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonane, 3,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.181	43.13 ng	1522720	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
2			Decane, 3-methyl-	156	C11H24	013151-34-3	46
3			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	43
4			1-Iodoundecane	282	C11H23I	004282-44-4	38
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
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Sample : N1070-03 5X
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ALS Vial : 26 Sample Multiplier: 1

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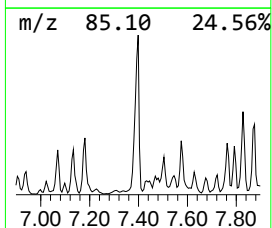
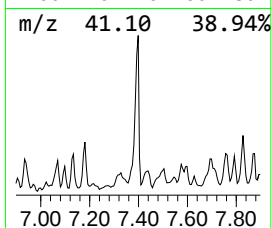
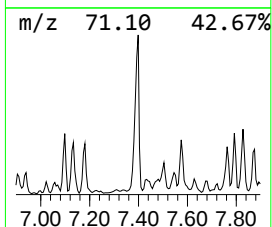
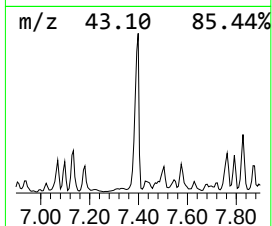
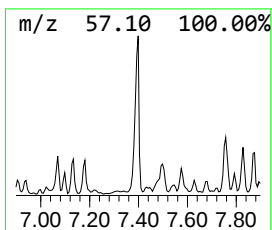
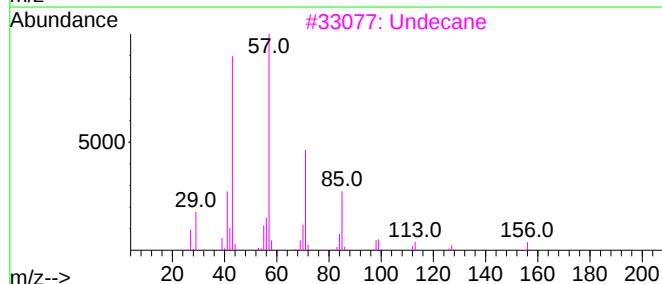
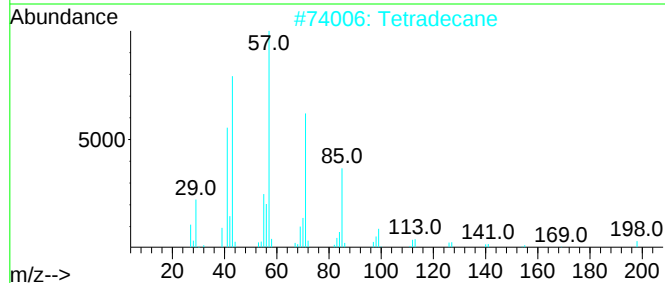
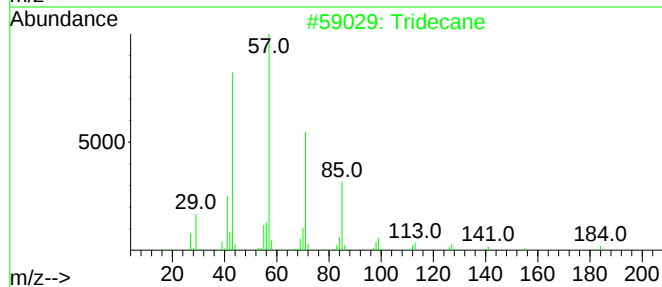
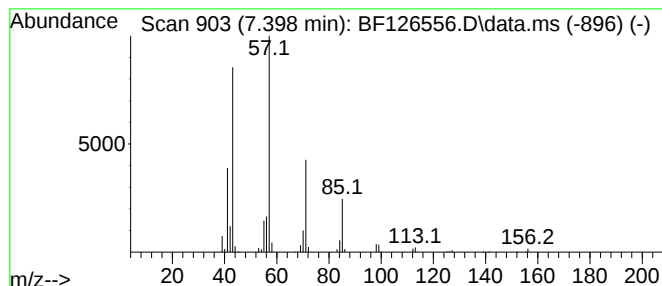
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.398	126.53 ng	4466980	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Undecane	156	C11H24	001120-21-4	83
4			Decane	142	C10H22	000124-18-5	83
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
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Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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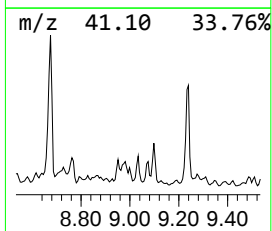
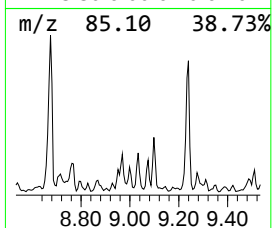
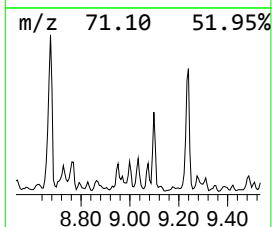
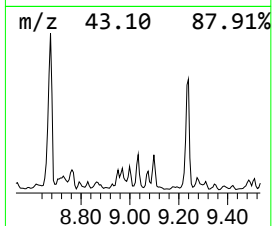
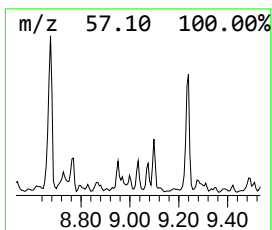
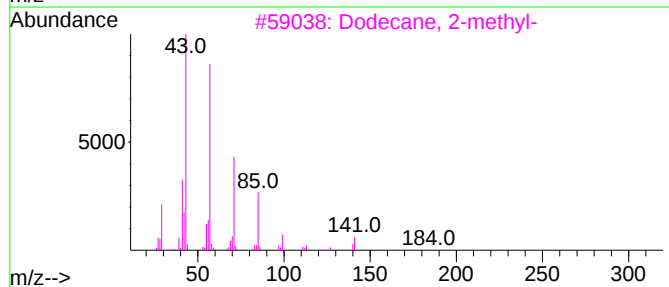
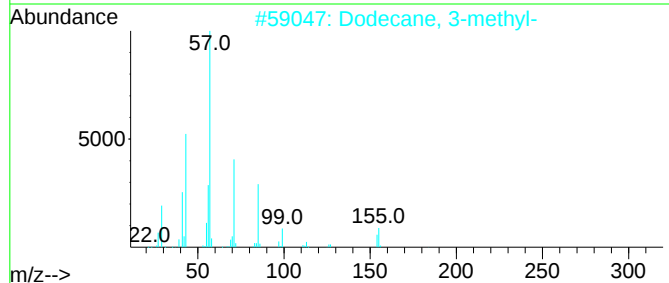
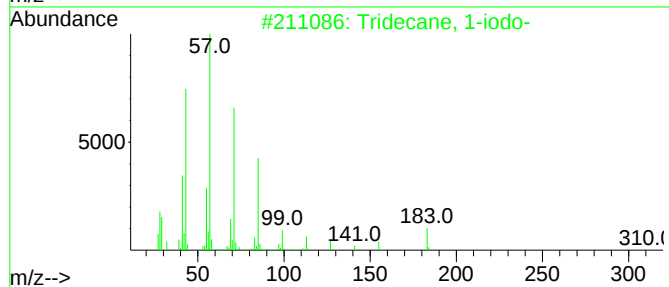
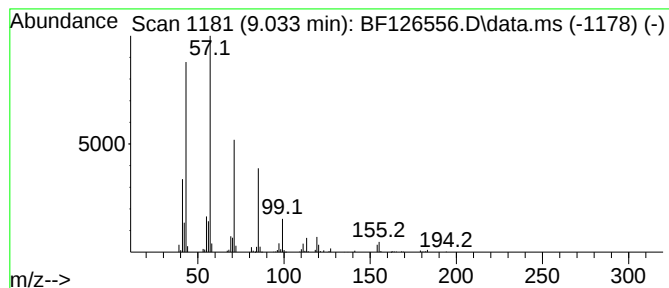
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.033	24.74 ng	798617	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	64
5			1-Iodoundecane	282	C11H23I	004282-44-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-03-010622

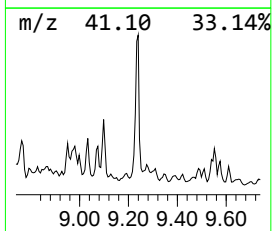
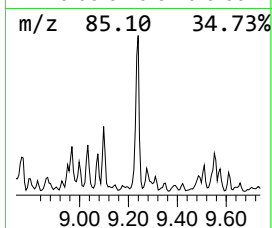
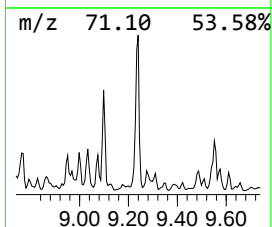
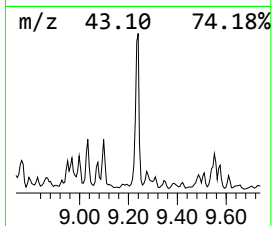
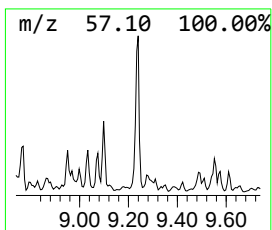
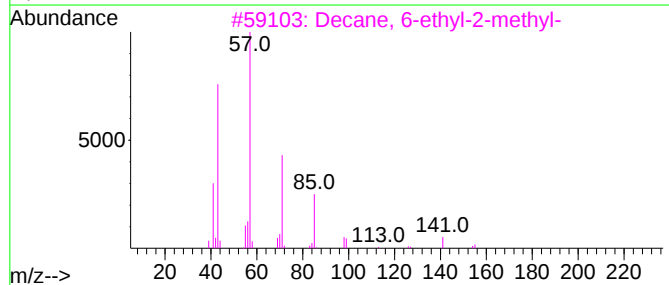
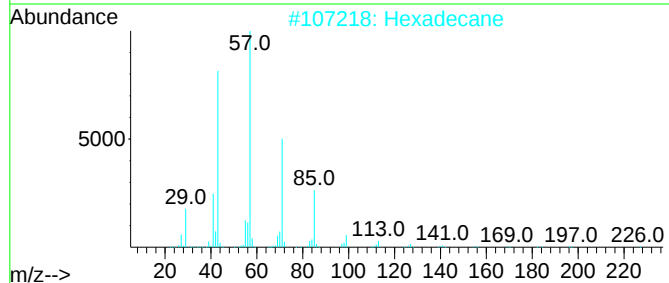
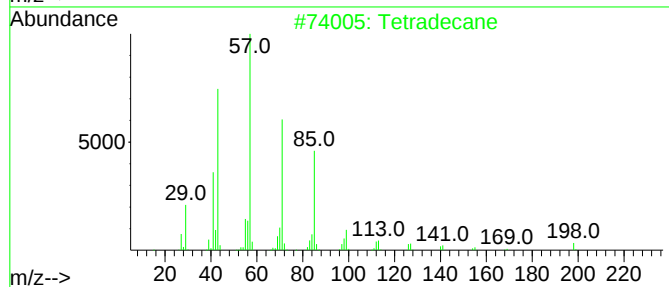
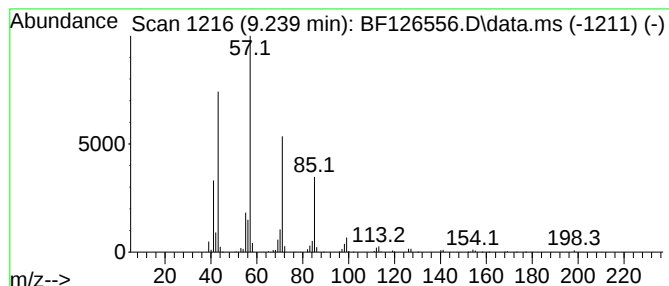
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	93.73 ng	3025840	Acenaphthene-d10	9.822

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
5		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-010622

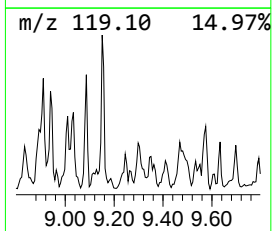
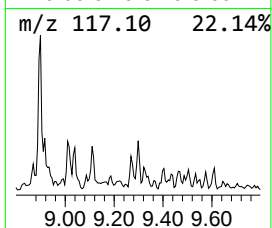
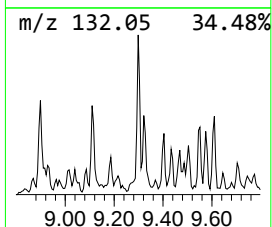
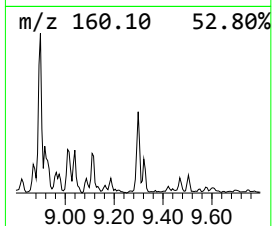
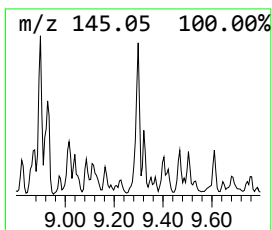
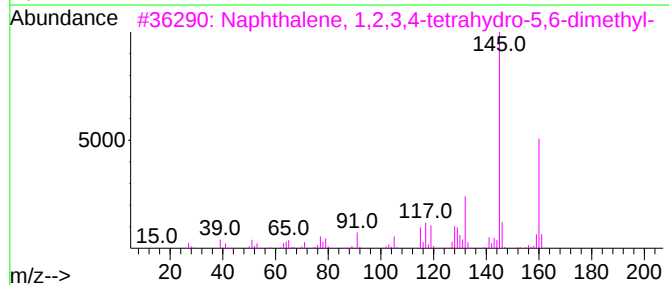
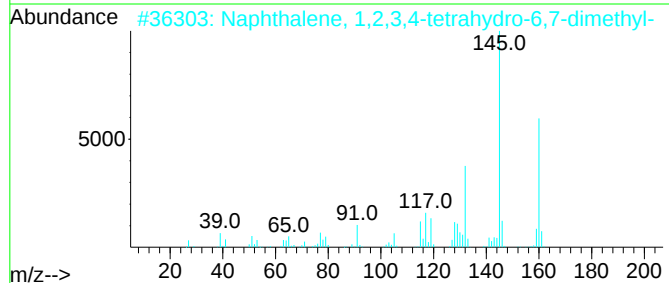
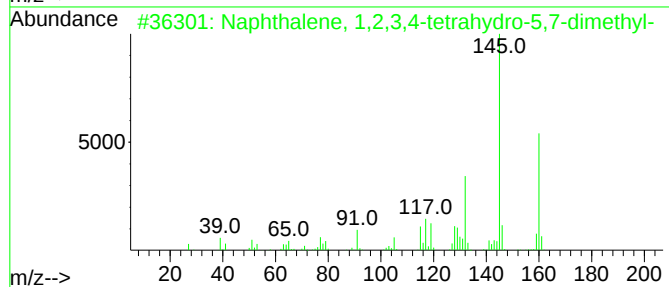
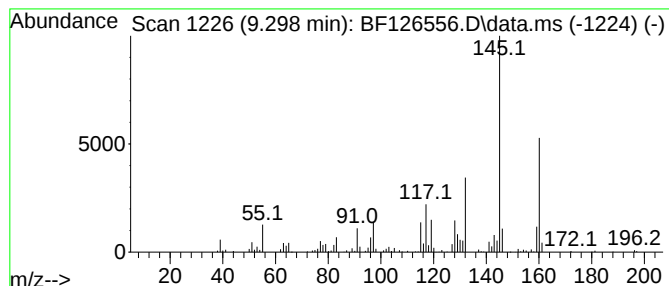
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	21.96 ng	708819	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	68
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-010622

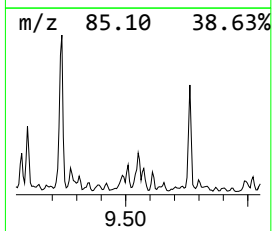
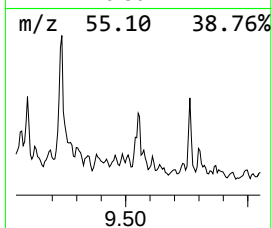
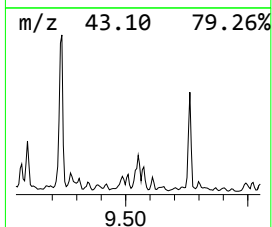
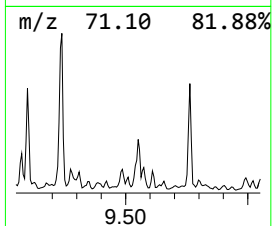
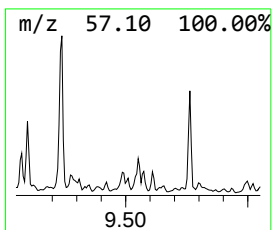
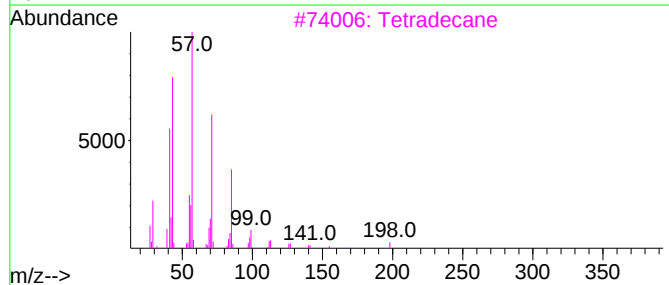
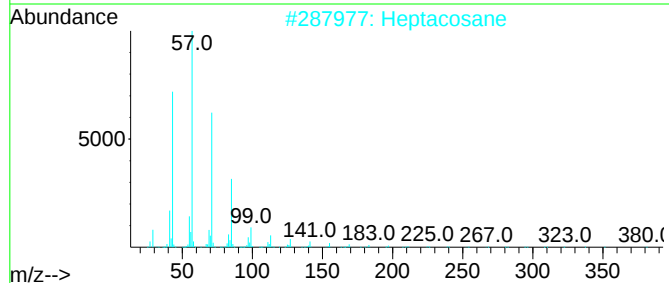
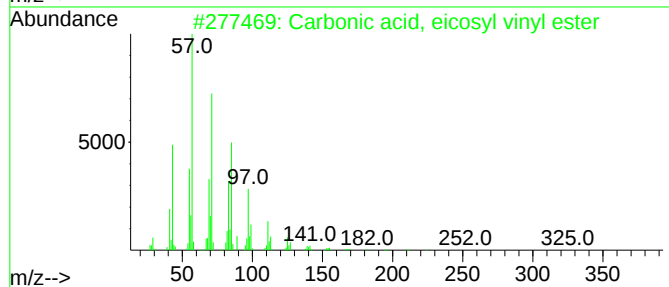
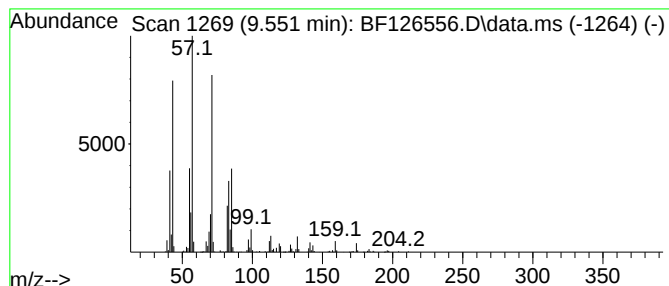
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Carbonic acid, eicosyl vinyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	34.95 ng	1128240	Acenaphthene-d10	9.822

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2		Heptacosane	380	C27H56	000593-49-7	64
3		Tetradecane	198	C14H30	000629-59-4	64
4		Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-010622

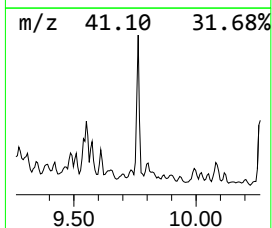
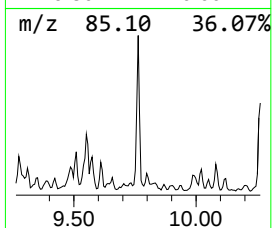
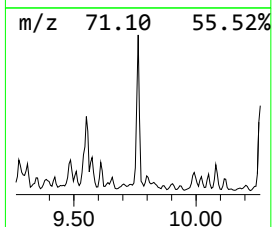
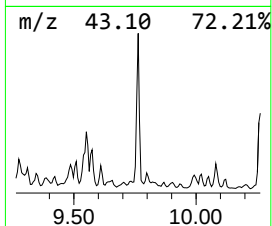
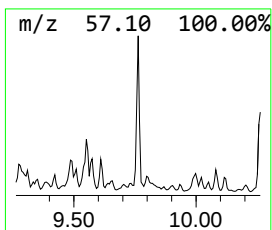
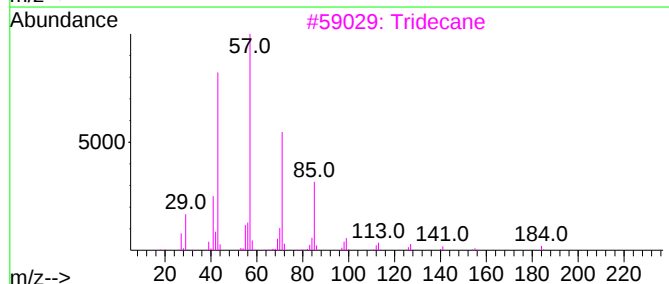
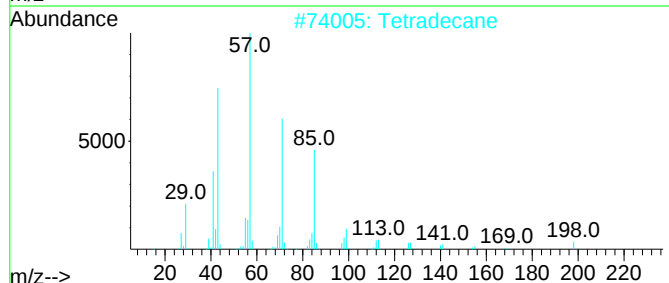
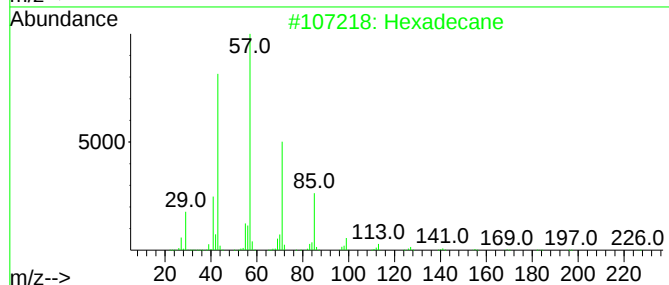
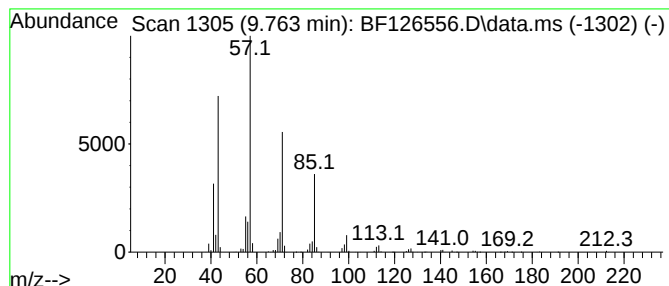
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	41.81 ng	1349630	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Octacosane	394	C28H58	000630-02-4	83
5			1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-03-010622

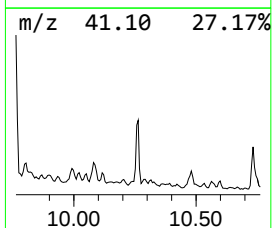
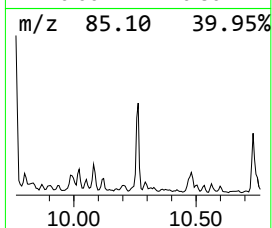
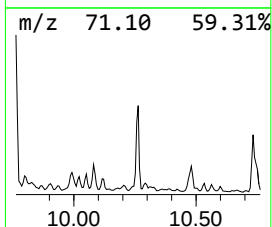
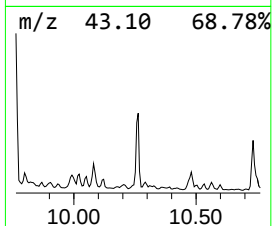
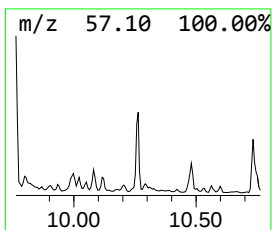
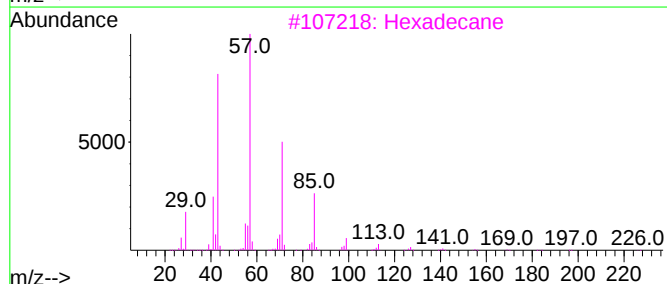
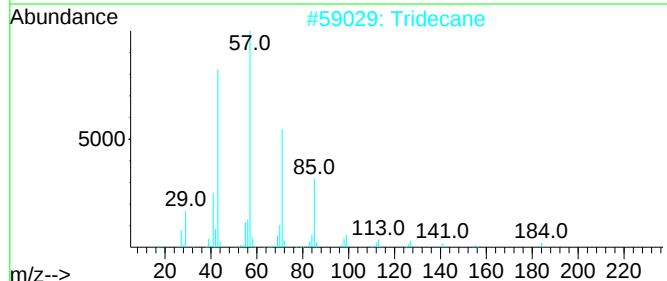
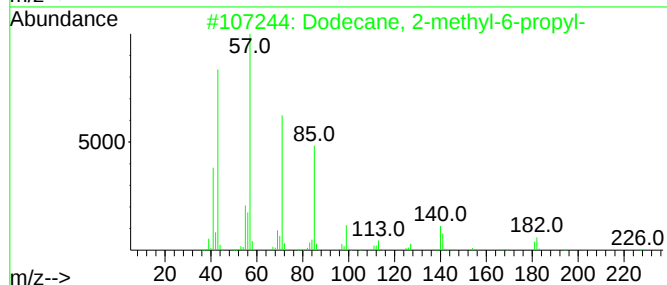
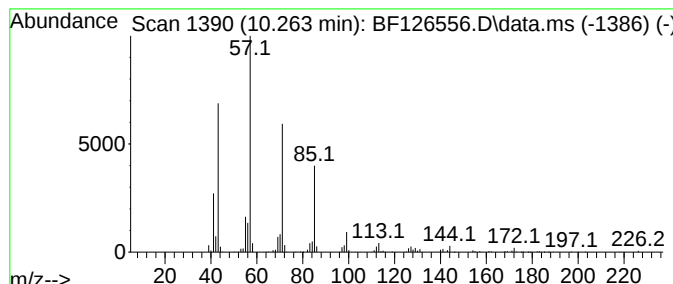
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	26.15 ng	844275	Acenaphthene-d10	9.822

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2		Tridecane	184	C13H28	000629-50-5	72
3		Hexadecane	226	C16H34	000544-76-3	72
4		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	64
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-010622

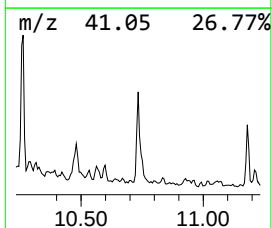
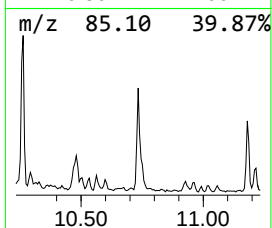
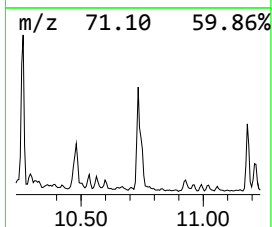
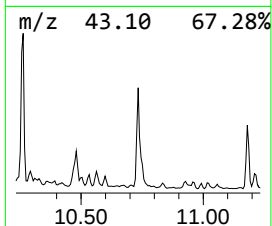
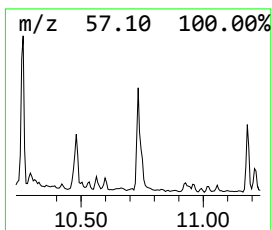
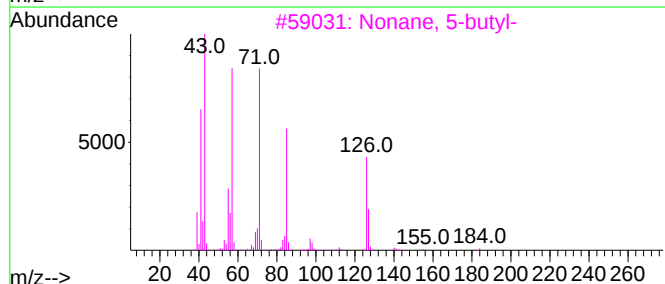
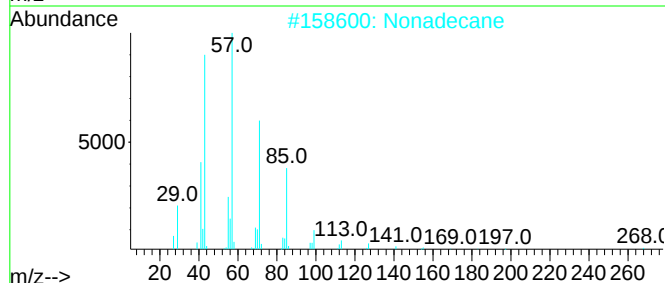
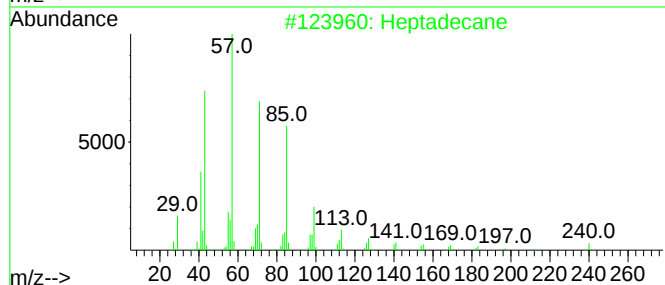
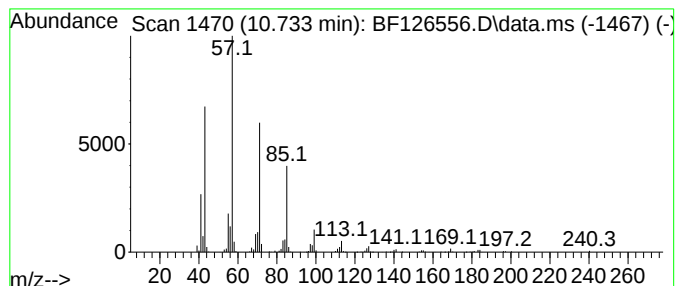
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	25.69 ng	699484	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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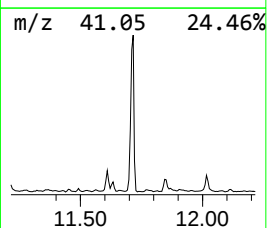
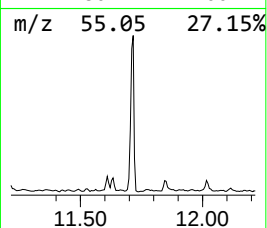
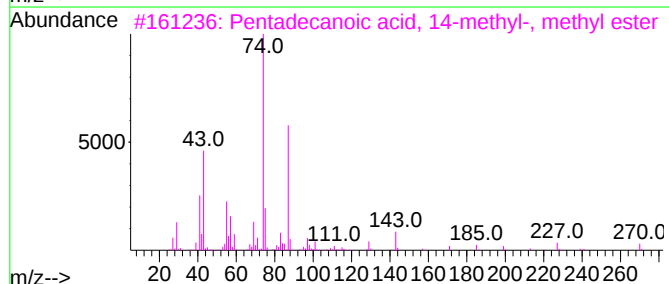
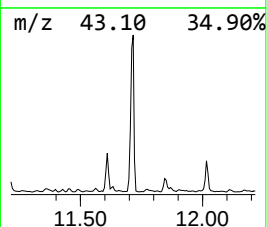
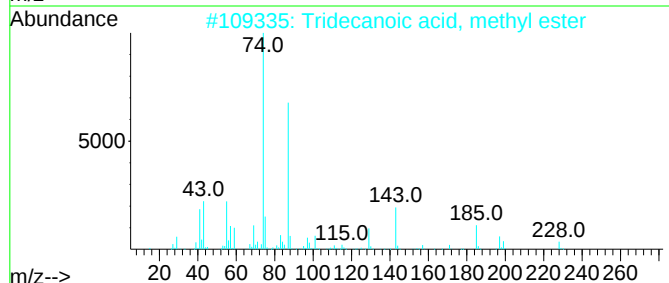
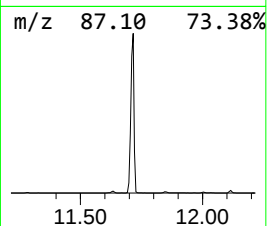
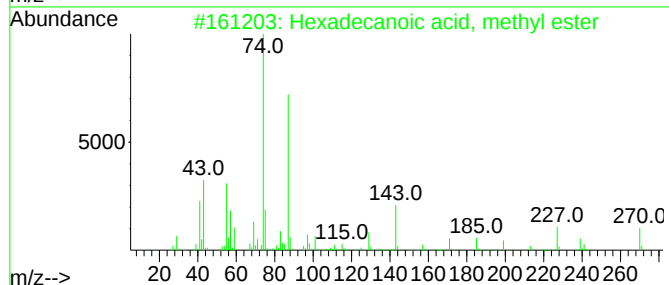
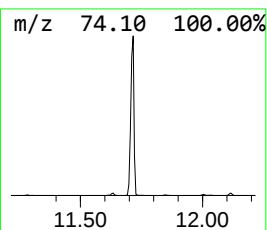
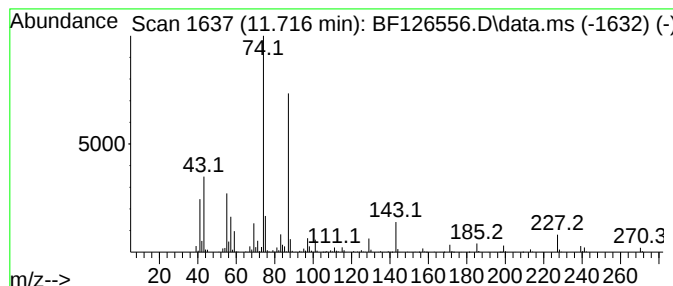
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	105.02 ng	2859070	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

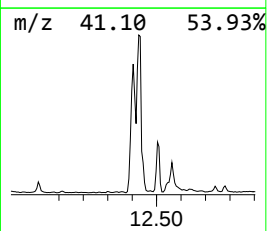
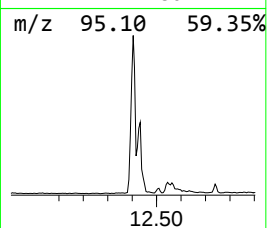
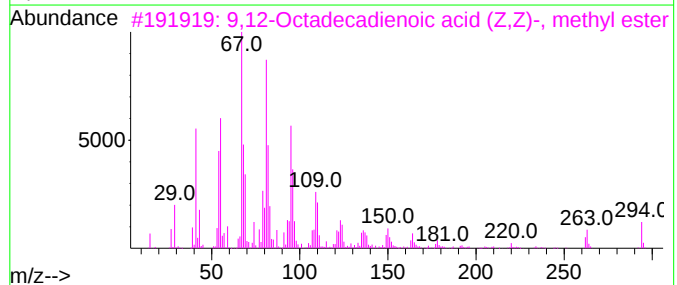
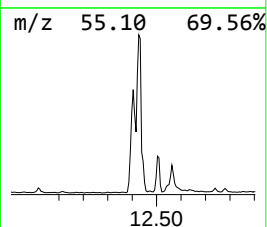
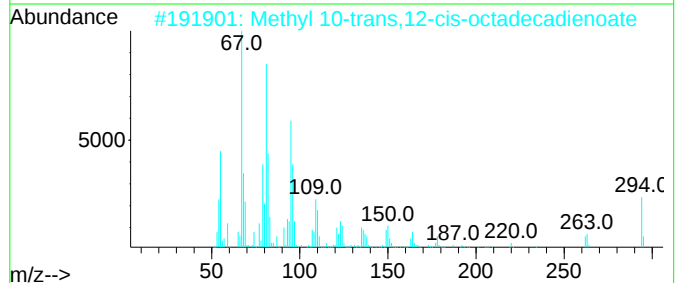
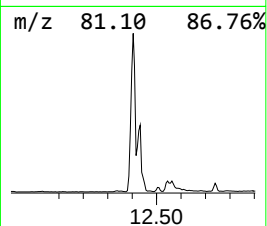
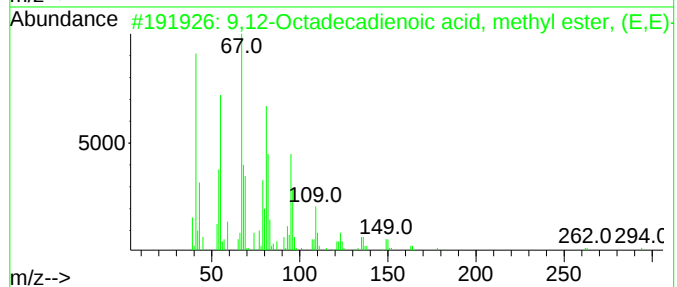
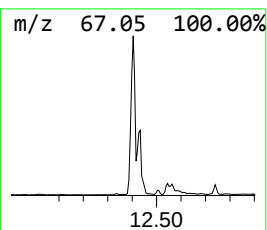
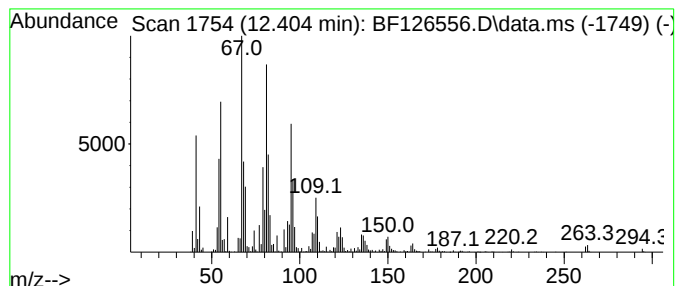
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BNA_F
ClientSampleId :
HR-03-010622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	183.84 ng	5004620	Phenanthrene-d10	11.310
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
2		Methyl 10-trans,12-cis-octadecad...	294 C19H34O2	1000336-44-2 99
3		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 98
4		11,14-Octadecadienoic acid, meth...	294 C19H34O2	056554-61-1 98
5		10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2 97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-010622

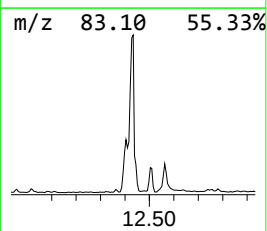
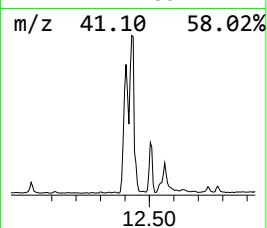
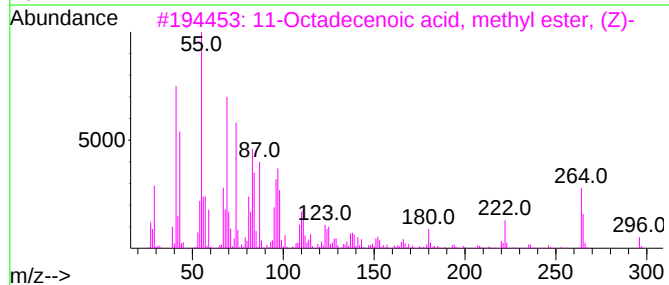
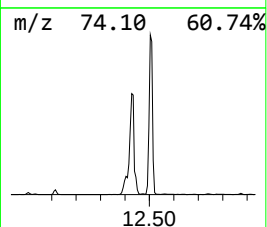
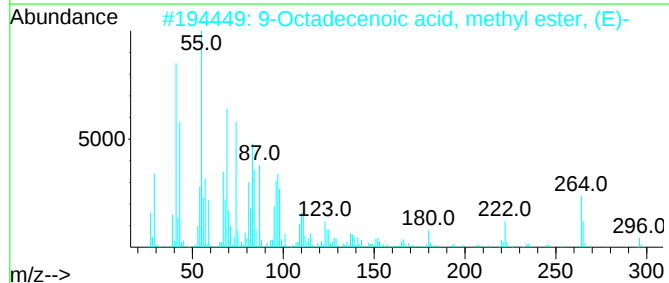
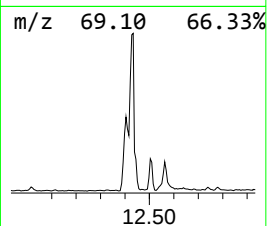
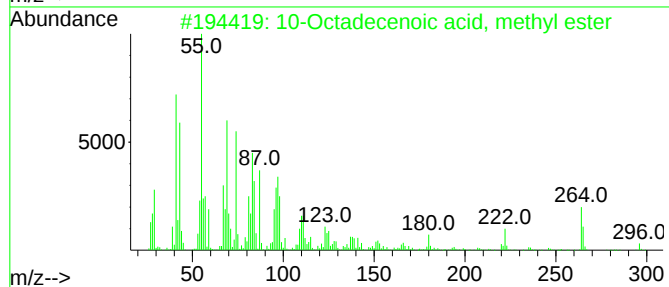
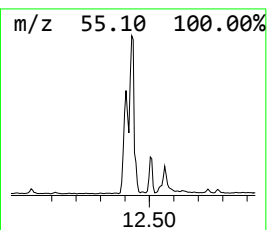
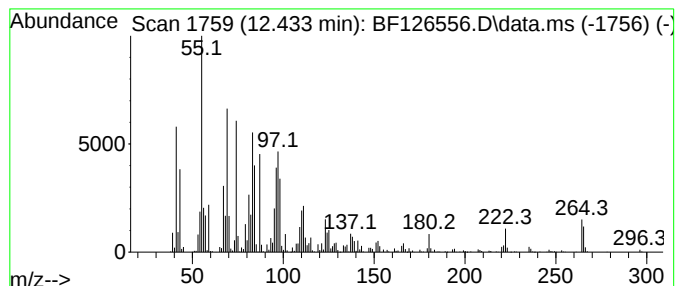
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 10-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	200.28 ng	5452370	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3			11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-010622

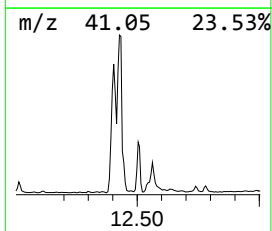
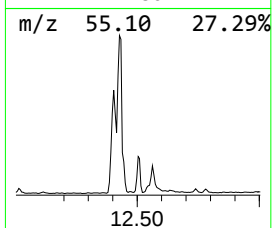
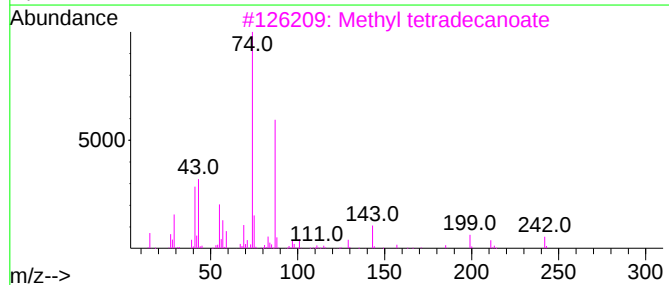
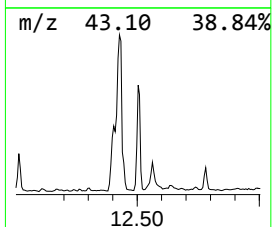
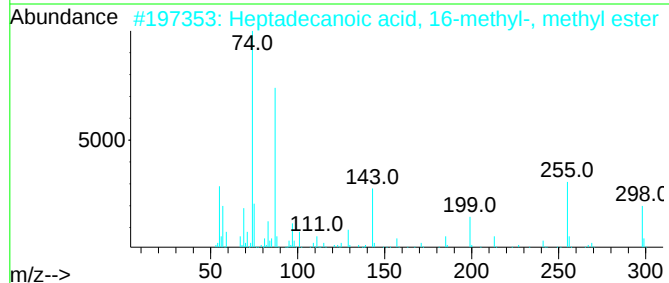
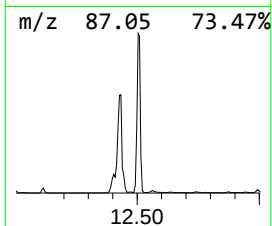
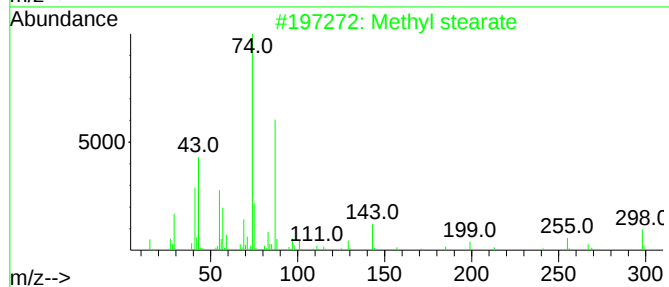
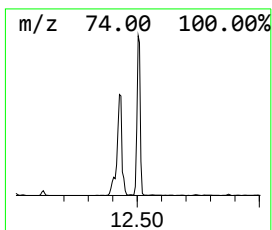
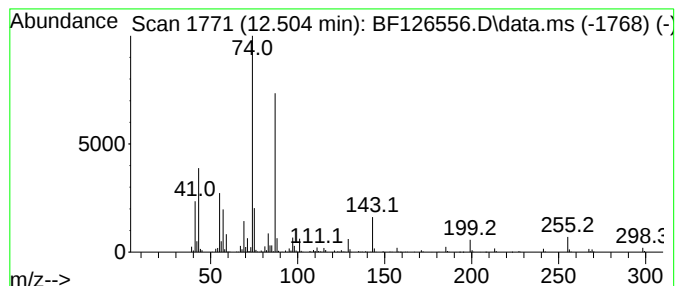
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	56.53 ng	1539030	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	97
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
5		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126556.D
Acq On : 7 Jan 2022 21:39
Operator : JU/CG
Sample : N1070-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-03-010622

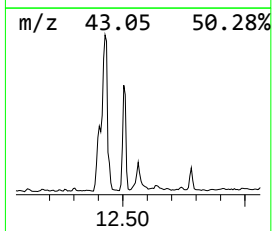
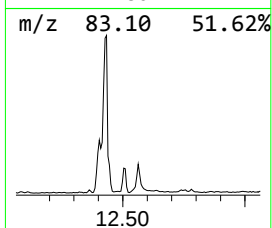
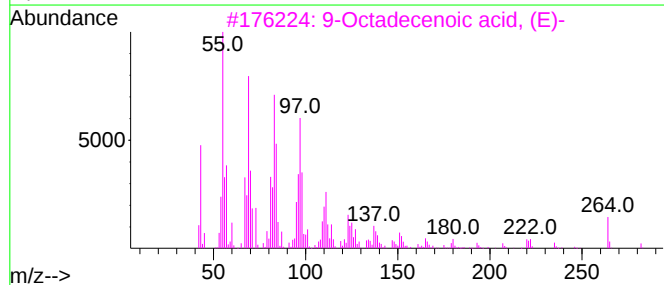
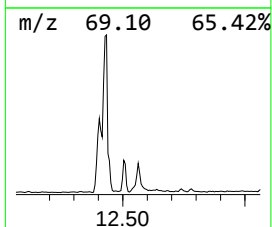
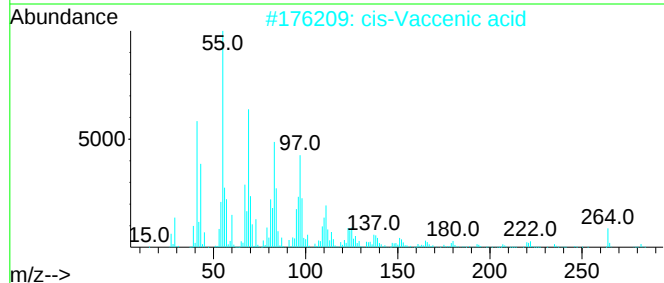
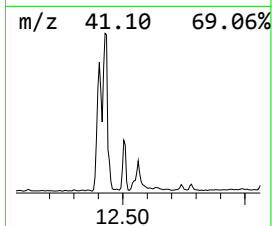
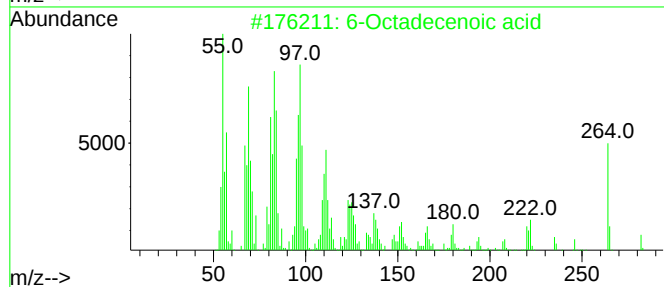
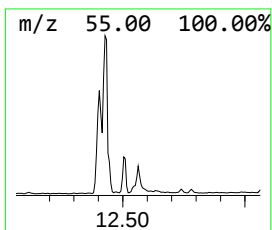
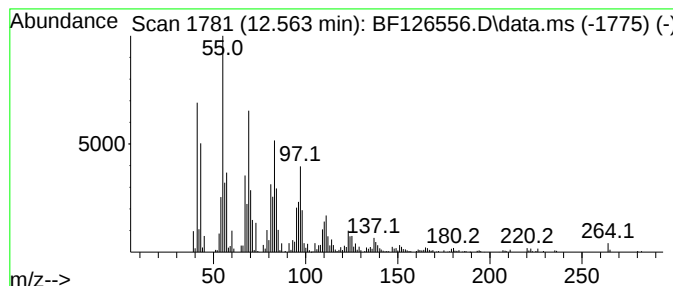
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 6-Octadecenoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	42.07 ng	1145230	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Octadecenoic acid	282	C18H34O2	1000336-66-8	97
2		cis-Vaccenic acid	282	C18H34O2	000506-17-2	96
3		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	95
4		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91
5		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126556.D
 Acq On : 7 Jan 2022 21:39
 Operator : JU/CG
 Sample : N1070-03 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1-...	6.528	19.0	ng	669354	1	6.787	706068	20.0
Nonane	6.628	74.9	ng	2642770	1	6.787	706068	20.0
Cyclohexane, bu...	6.934	25.9	ng	916235	1	6.787	706068	20.0
Heptane, 4-ethyl-	7.069	35.9	ng	1266880	1	6.787	706068	20.0
Heptane, 2,5,5-...	7.098	31.5	ng	1111920	1	6.787	706068	20.0
Decane, 2-methyl-	7.134	25.9	ng	914484	1	6.787	706068	20.0
Nonane, 3,7-dim...	7.181	43.1	ng	1522720	1	6.787	706068	20.0
Tridecane	7.398	126.5	ng	4466980	1	6.787	706068	20.0
Tridecane, 1-iodo-	9.033	24.7	ng	798617	3	9.822	645652	20.0
Tetradecane	9.239	93.7	ng	3025840	3	9.822	645652	20.0
Naphthalene, 1,...	9.298	22.0	ng	708819	3	9.822	645652	20.0
Carbonic acid, ...	9.551	35.0	ng	1128240	3	9.822	645652	20.0
Hexadecane	9.763	41.8	ng	1349630	3	9.822	645652	20.0
Dodecane, 2-met...	10.263	26.1	ng	844275	3	9.822	645652	20.0
Heptadecane	10.733	25.7	ng	699484	4	11.310	544466	20.0
Hexadecanoic ac...	11.716	105.0	ng	2859070	4	11.310	544466	20.0
9,12-Octadecadi...	12.404	183.8	ng	5004620	4	11.310	544466	20.0
10-Octadecenoic...	12.433	200.3	ng	5452370	4	11.310	544466	20.0
Methyl stearate	12.504	56.5	ng	1539030	4	11.310	544466	20.0
6-Octadecenoic ...	12.563	42.1	ng	1145230	4	11.310	544466	20.0