

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133164.D
 Acq On : 01 May 2023 19:40
 Operator : CG\JU
 Sample : 02558-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133164.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	548	553	556	rVB	3671063	3432928	62.05%	2.631%
2	6.257	706	709	712	rVV2	469236	587511	10.62%	0.450%
3	6.369	723	728	732	rVV	3726904	3888610	70.29%	2.980%
4	6.557	757	760	761	rVV	638864	570005	10.30%	0.437%
5	6.575	761	763	768	rVB	1140642	958222	17.32%	0.734%
6	6.728	786	789	791	rVV	1634667	1296483	23.43%	0.993%
7	6.751	791	793	797	rVB2	779061	650812	11.76%	0.499%
8	6.793	797	800	804	rBV3	575531	652039	11.79%	0.500%
9	7.010	834	837	841	rVB2	1143758	1163022	21.02%	0.891%
10	7.051	841	844	847	rBV2	1521182	1504886	27.20%	1.153%
11	7.081	847	849	853	rVB	584712	480622	8.69%	0.368%
12	7.128	853	857	860	rBV	1397773	1138995	20.59%	0.873%
13	7.198	867	869	871	rBV	573045	532272	9.62%	0.408%
14	7.222	871	873	876	rVB	615264	481339	8.70%	0.369%
15	7.275	876	882	883	rBV2	1522321	1790340	32.36%	1.372%
16	7.293	883	885	888	rVV	2452776	1897738	34.30%	1.454%
17	7.340	890	893	895	rVB	1979859	1527085	27.60%	1.170%
18	7.387	895	901	904	rVB4	856437	1195960	21.62%	0.916%
19	7.416	904	906	909	rBV3	482911	595427	10.76%	0.456%
20	7.451	909	912	916	rVB4	625195	572894	10.36%	0.439%
21	7.504	916	921	923	rBV2	1005082	1146433	20.72%	0.878%
22	7.534	923	926	931	rVB3	1836575	2023842	36.58%	1.551%
23	7.622	935	941	943	rBV3	554965	707046	12.78%	0.542%
24	7.645	943	945	946	rVV2	553801	543277	9.82%	0.416%
25	7.704	954	955	958	rVB2	670894	501216	9.06%	0.384%
26	7.757	958	964	966	rBV3	1315905	2145894	38.79%	1.644%
27	7.787	966	969	973	rVB3	910440	1100121	19.89%	0.843%
28	7.822	973	975	977	rBV2	736805	752011	13.59%	0.576%
29	7.840	977	978	983	rVB3	845439	877508	15.86%	0.672%
30	7.887	983	986	988	rBV	806085	749125	13.54%	0.574%
31	8.010	1003	1007	1010	rBV2	3662940	3907335	70.63%	2.994%
32	8.034	1010	1011	1015	rVV3	1206063	1039513	18.79%	0.797%
33	8.087	1018	1020	1022	rVB	1757299	1161618	21.00%	0.890%
34	8.110	1022	1024	1027	rVB2	671453	492805	8.91%	0.378%
35	8.192	1032	1038	1040	rBV5	682225	1057879	19.12%	0.811%
36	8.228	1040	1044	1046	rVB2	686461	776312	14.03%	0.595%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.298	1054	1056	1057	rBV	599180	592476	10.71%	0.454%
38	8.316	1057	1059	1061	rVB3	889909	762709	13.79%	0.584%
39	8.369	1066	1068	1071	rBV3	912389	696939	12.60%	0.534%
40	8.404	1071	1074	1077	rVB2	1384385	1233837	22.30%	0.945%
41	8.445	1078	1081	1086	rBV3	2195099	2572438	46.50%	1.971%
42	8.487	1086	1088	1090	rVB	882792	687852	12.43%	0.527%
43	8.522	1091	1094	1097	rBV2	1296164	1074206	19.42%	0.823%
44	8.563	1097	1101	1103	rBV4	767428	900945	16.29%	0.690%
45	8.616	1106	1110	1113	rBV2	2596199	2482640	44.88%	1.902%
46	8.651	1114	1116	1118	rVV3	537791	483952	8.75%	0.371%
47	8.710	1123	1126	1127	rVV3	717630	687834	12.43%	0.527%
48	8.728	1127	1129	1132	rVB	1984726	1551756	28.05%	1.189%
49	8.769	1132	1136	1138	rBV3	474991	631470	11.41%	0.484%
50	8.828	1142	1146	1150	rBV2	1423982	1749913	31.63%	1.341%
51	8.898	1155	1158	1160	rBV4	835152	735291	13.29%	0.563%
52	8.928	1160	1163	1165	rBV3	596303	598339	10.82%	0.458%
53	8.981	1170	1172	1175	rVB	866912	592475	10.71%	0.454%
54	9.051	1180	1184	1187	rVB2	2463699	2317859	41.90%	1.776%
55	9.092	1187	1191	1193	rBV	3870169	3254801	58.83%	2.494%
56	9.181	1202	1206	1210	rBV3	2511818	3122078	56.43%	2.392%
57	9.287	1222	1224	1231	rVB3	752291	1072840	19.39%	0.822%
58	9.351	1232	1235	1241	rVV	1462781	2150328	38.87%	1.648%
59	9.428	1245	1248	1251	rVV3	2039775	2349775	42.47%	1.801%
60	9.457	1251	1253	1255	rVB	2178856	1566610	28.32%	1.200%
61	9.481	1255	1257	1259	rBV2	1375103	1493866	27.00%	1.145%
62	9.504	1259	1261	1263	rVV	3129333	2386417	43.14%	1.829%
63	9.522	1263	1264	1266	rVV	728785	492528	8.90%	0.377%
64	9.545	1266	1268	1269	rVV	671989	514762	9.30%	0.394%
65	9.634	1280	1283	1284	rBV2	529869	535035	9.67%	0.410%
66	9.686	1289	1292	1294	rVB2	1344110	1194557	21.59%	0.915%
67	9.710	1294	1296	1300	rBV	1803112	1750700	31.65%	1.342%
68	9.769	1300	1306	1309	rBV2	2342273	3151163	56.96%	2.415%
69	9.875	1321	1324	1328	rVB	1114484	1575210	28.47%	1.207%
70	9.951	1332	1337	1338	rVV4	623144	1069535	19.33%	0.820%
71	9.975	1338	1341	1343	rVV	1979490	1925993	34.81%	1.476%
72	10.016	1343	1348	1349	rVV2	1219970	1466081	26.50%	1.123%
73	10.034	1349	1351	1355	rVV4	1153203	1202623	21.74%	0.922%
74	10.086	1358	1360	1362	rVV	990150	900035	16.27%	0.690%
75	10.116	1363	1365	1367	rVB	953780	676126	12.22%	0.518%
76	10.145	1367	1370	1372	rBV2	426013	481963	8.71%	0.369%

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77	10.181	1374	1376	1377	rVV	810562	643638	11.63%	0.493%
78	10.210	1379	1381	1383	rVB	1153396	826817	14.95%	0.634%
79	10.263	1388	1390	1395	rVB4	695377	829635	15.00%	0.636%
80	10.310	1395	1398	1400	rBV3	871969	760368	13.74%	0.583%
81	10.339	1400	1403	1405	rBV3	630425	617772	11.17%	0.473%
82	10.381	1408	1410	1412	rVB2	842370	657007	11.88%	0.503%
83	10.433	1415	1419	1422	rVB	2627027	2457380	44.42%	1.883%
84	10.516	1431	1433	1435	rBV2	622290	630954	11.40%	0.483%
85	10.557	1435	1440	1443	rVV3	2170511	2768123	50.04%	2.121%
86	10.592	1444	1446	1448	rVV2	617667	609182	11.01%	0.467%
87	10.651	1452	1456	1459	rBV4	381133	601363	10.87%	0.461%
88	10.698	1459	1464	1469	rVV	4115308	5532307	100.00%	4.239%
89	10.757	1471	1474	1476	rBV2	601226	514527	9.30%	0.394%
90	10.892	1495	1497	1499	rBV	880758	659916	11.93%	0.506%
91	11.133	1535	1538	1540	rBV	734300	720795	13.03%	0.552%
92	11.163	1540	1543	1549	rVB	3007083	3180712	57.49%	2.437%
93	11.251	1555	1558	1560	rBV	1593057	1355513	24.50%	1.039%
94	11.510	1600	1602	1605	rVB	1016011	890166	16.09%	0.682%
95	11.557	1608	1610	1612	rVV	797731	628663	11.36%	0.482%
96	11.604	1616	1618	1625	rVB5	578602	741829	13.41%	0.568%
97	11.780	1646	1648	1653	rVB2	699634	757576	13.69%	0.581%
98	12.245	1722	1727	1732	rBV2	1005667	1470410	26.58%	1.127%
99	12.463	1761	1764	1767	rBV2	644732	736905	13.32%	0.565%
100	12.839	1825	1828	1838	rBV2	2747012	3325246	60.11%	2.548%

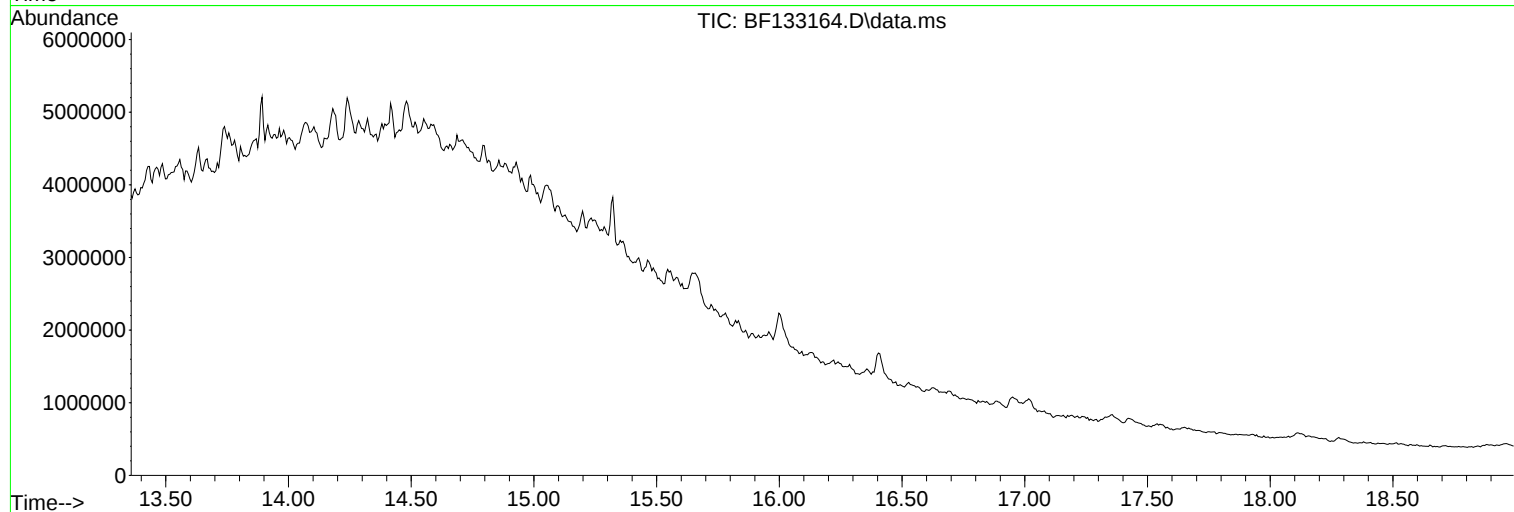
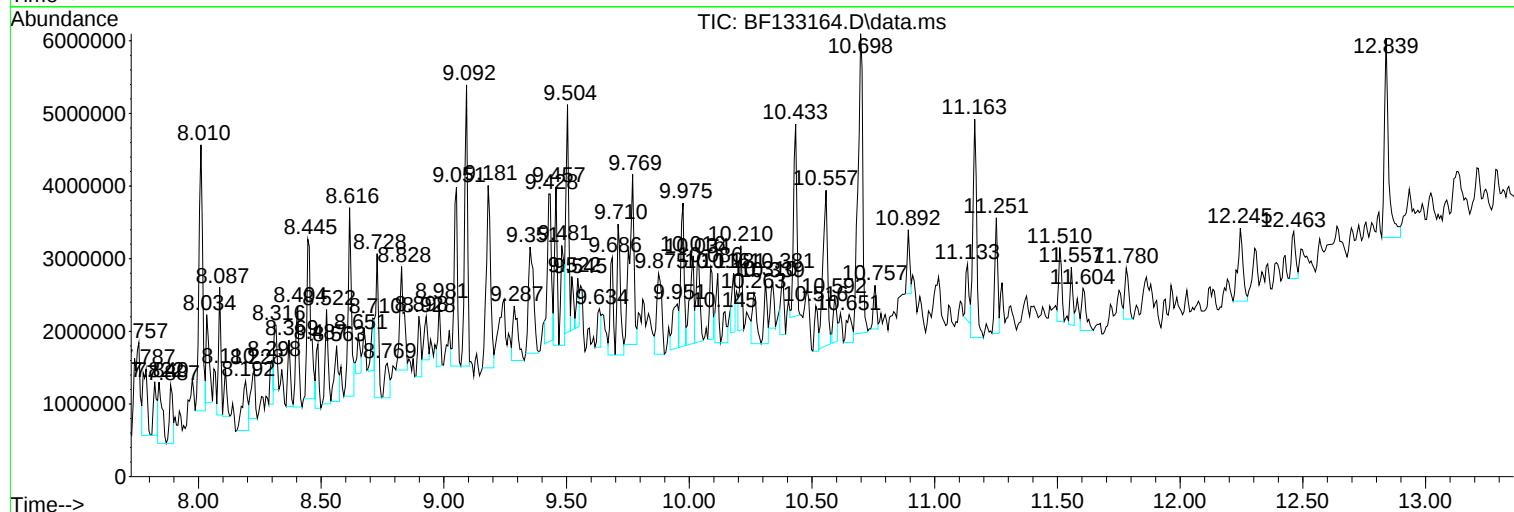
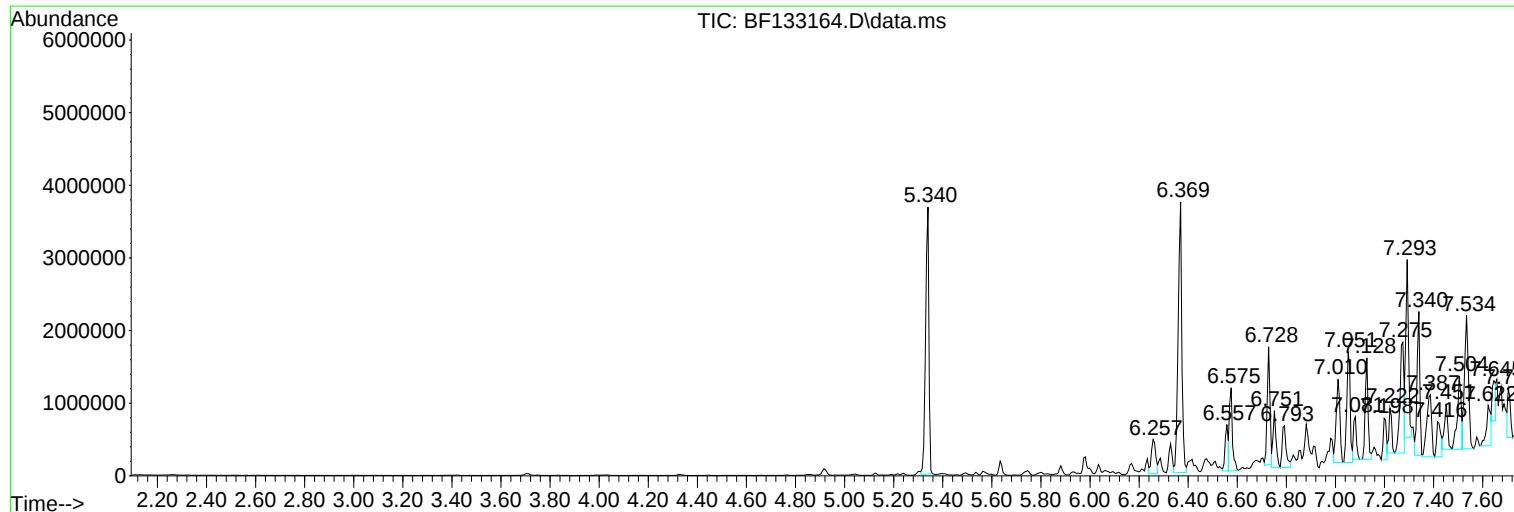
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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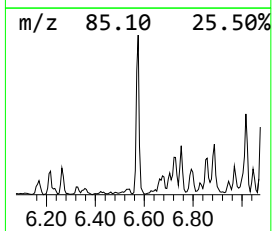
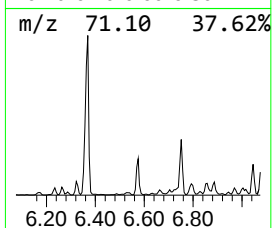
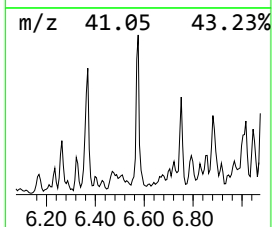
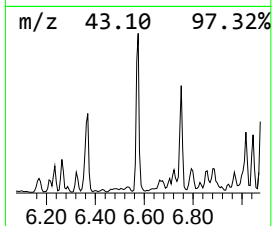
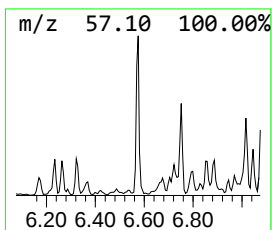
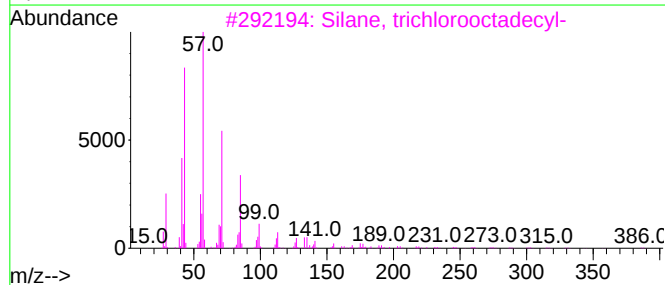
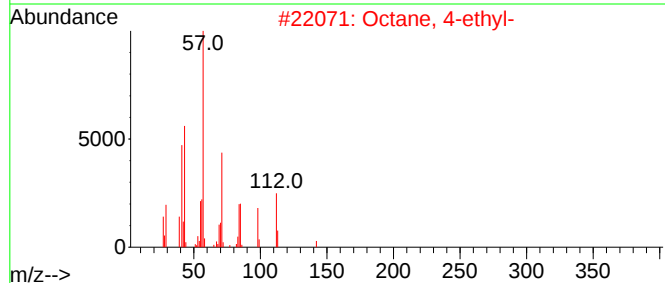
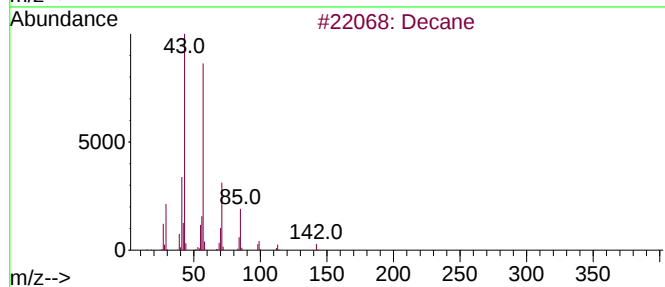
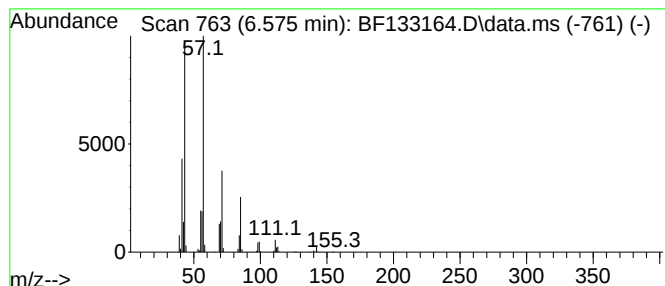
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.575	14.78 ng	958222	1,4-Dichlorobenzene-d4	6.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	87
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	78
5			Undecane	156	C11H24	001120-21-4	72



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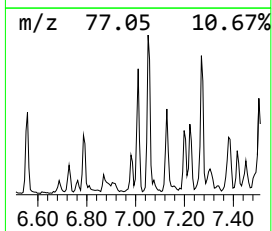
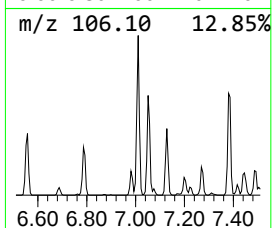
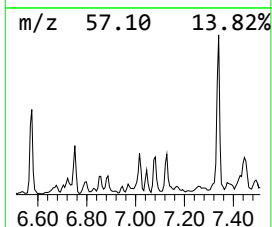
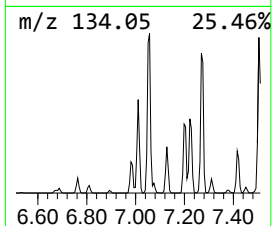
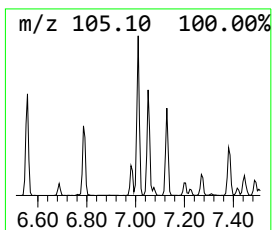
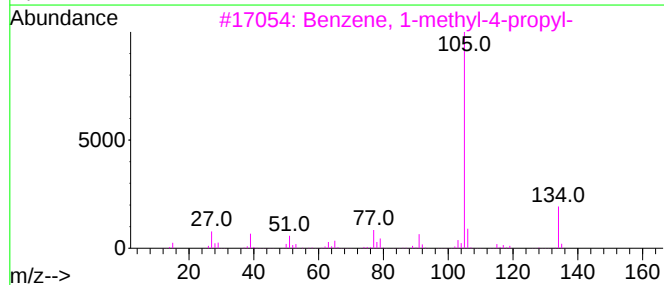
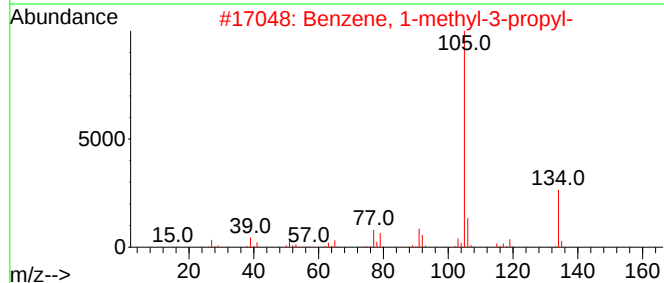
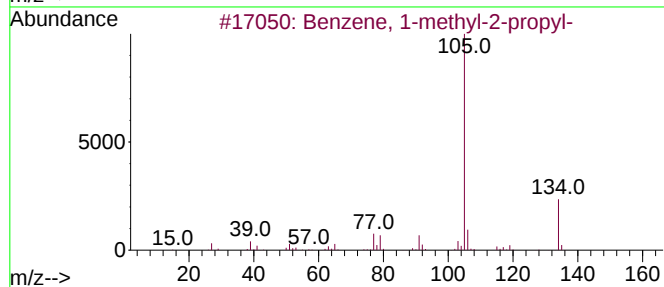
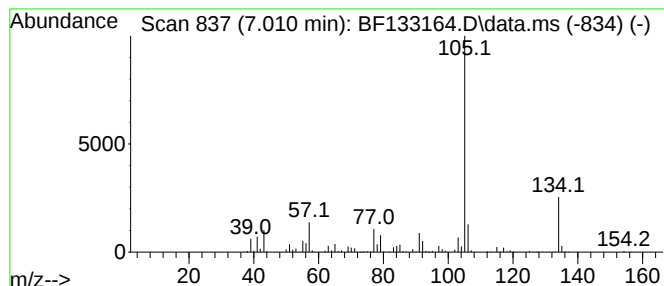
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-2-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	17.94 ng	1163020	1,4-Dichlorobenzene-d4	6.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5			2-Tolylloxirane	134	C9H10O	002783-26-8	62



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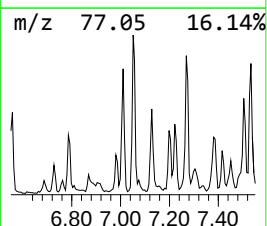
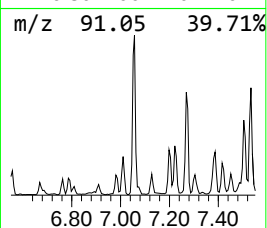
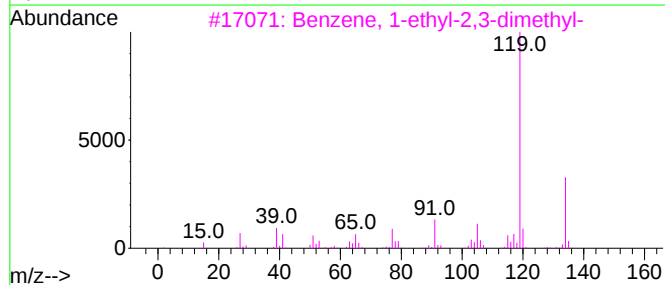
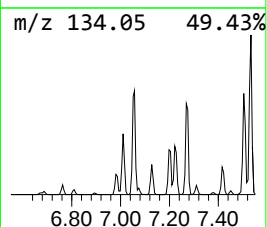
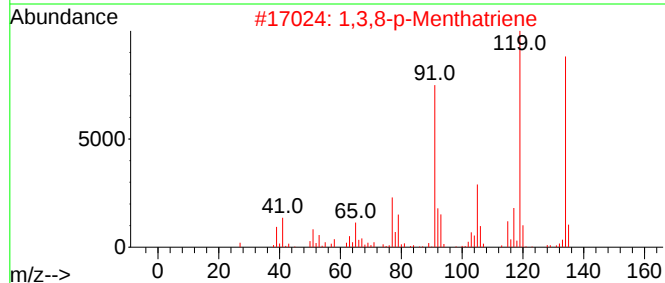
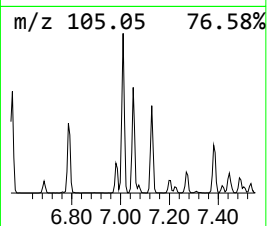
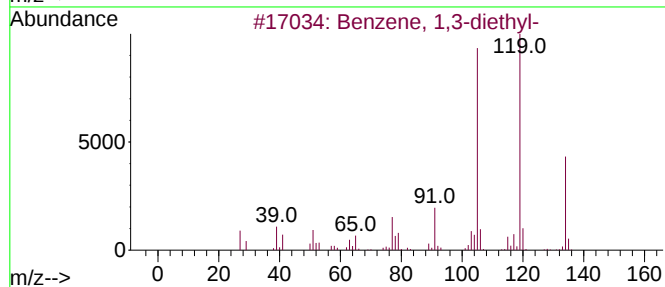
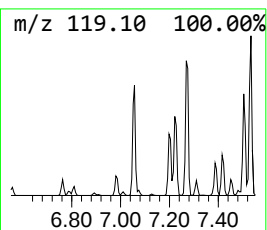
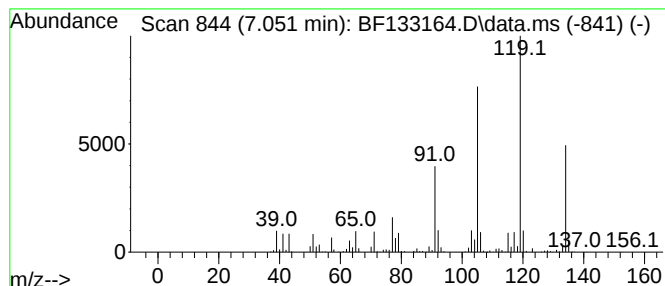
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	23.21 ng	1504890	1,4-Dichlorobenzene-d4	6.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	93
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

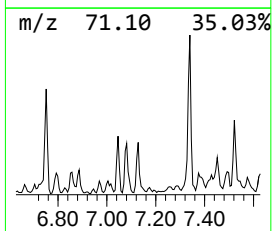
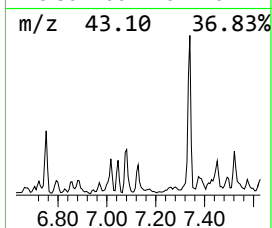
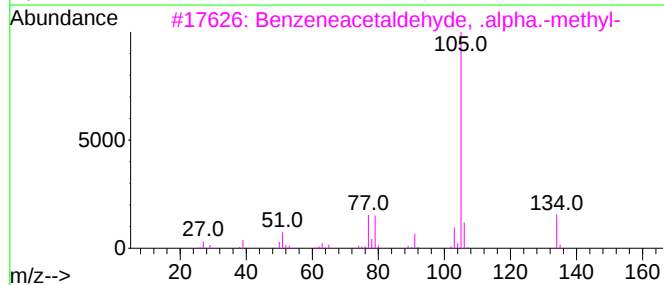
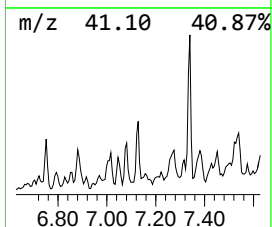
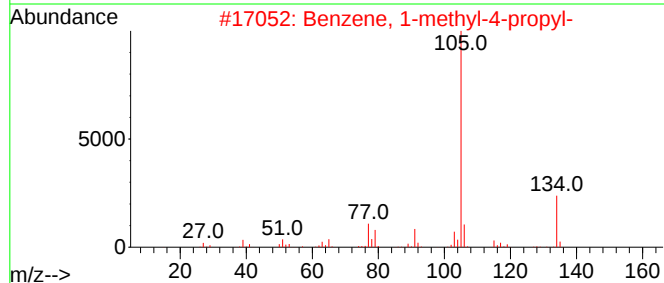
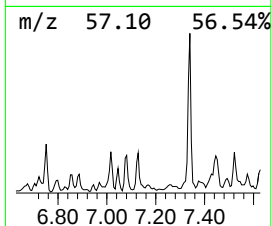
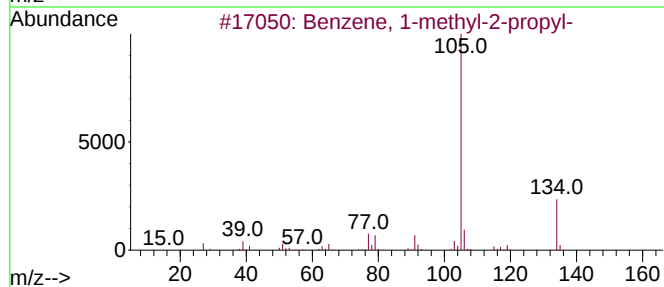
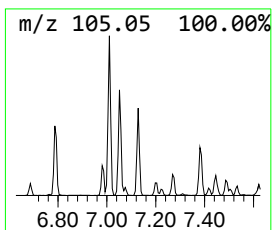
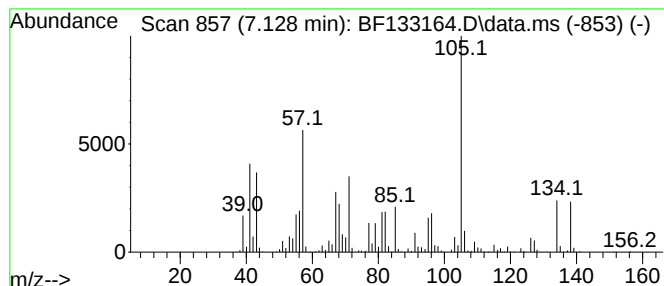
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.128	17.57 ng	1139000	1,4-Dichlorobenzene-d4	6.728

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	35
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
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ClientSampleId :
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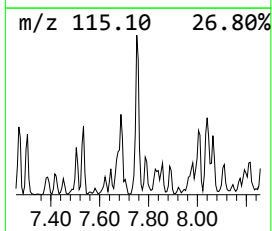
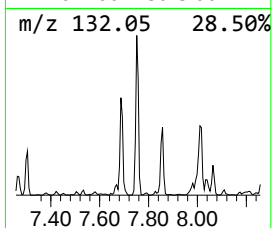
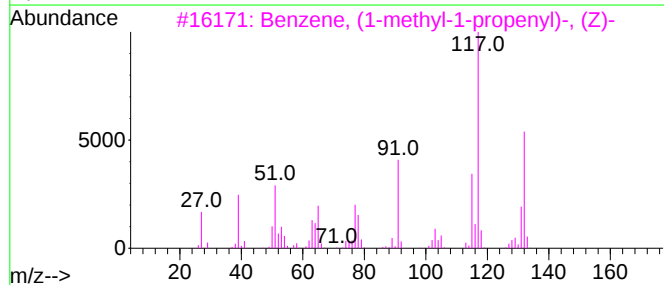
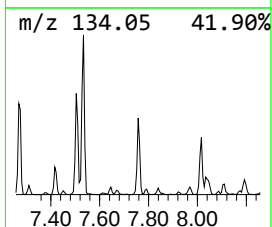
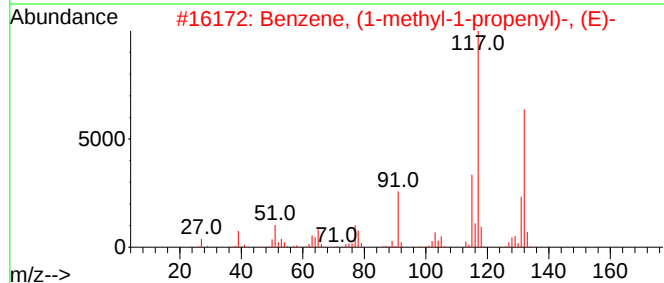
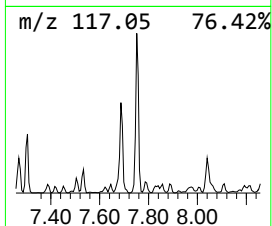
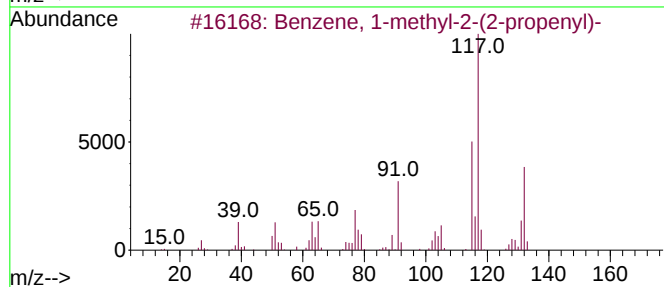
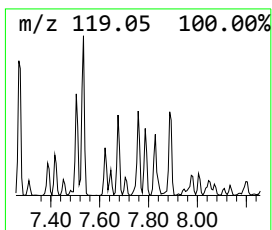
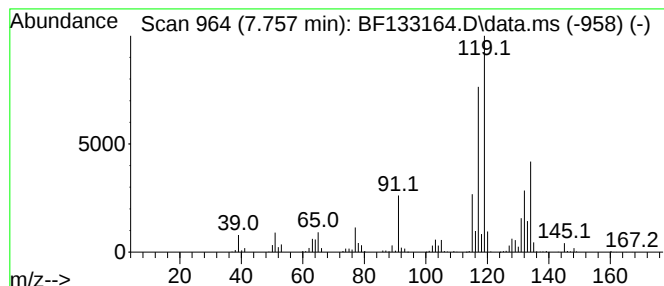
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.757	10.98 ng	2145890	Naphthalene-d8	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
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ALS Vial : 10 Sample Multiplier: 1

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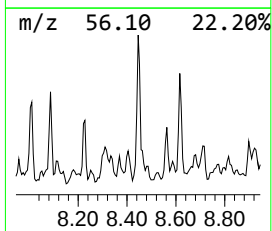
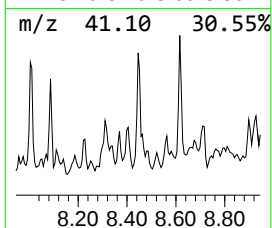
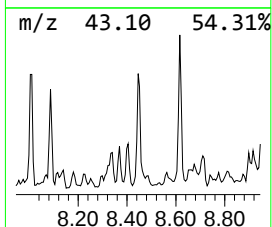
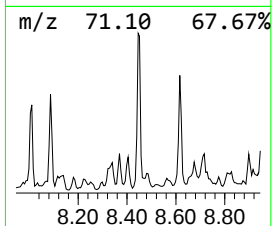
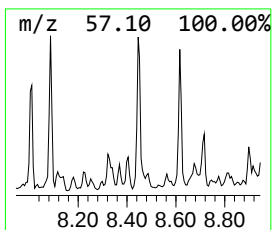
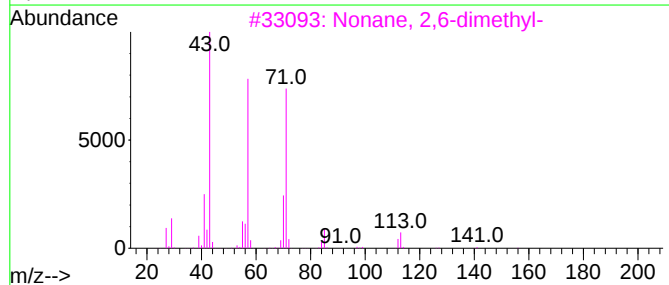
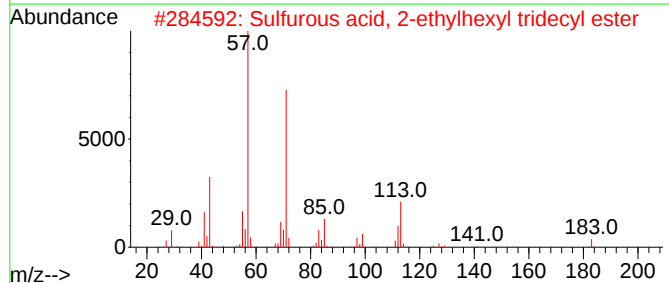
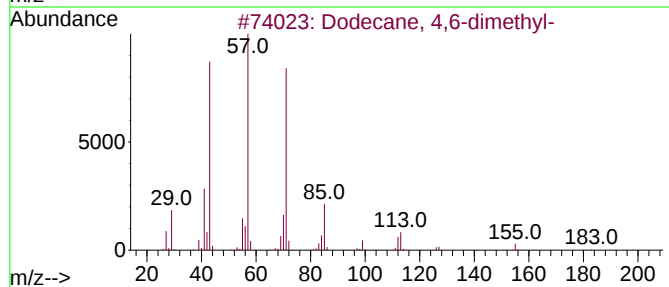
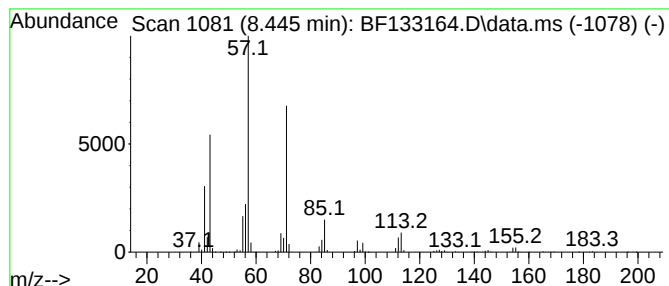
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 4,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	13.17 ng	2572440	Naphthalene-d8	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	89
2			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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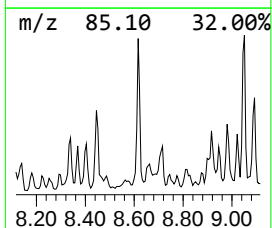
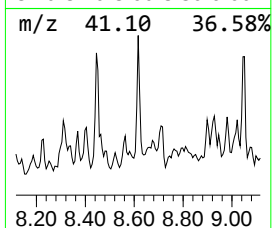
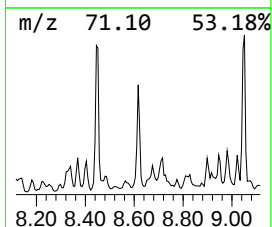
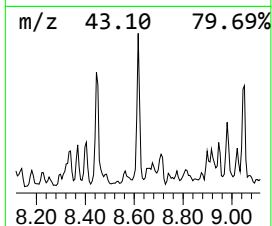
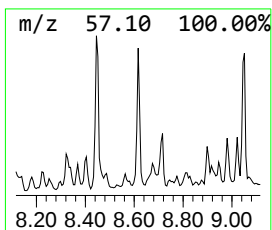
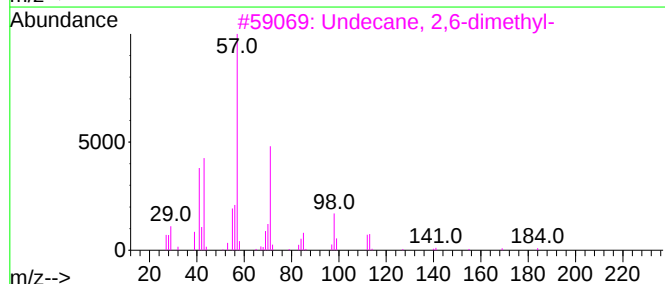
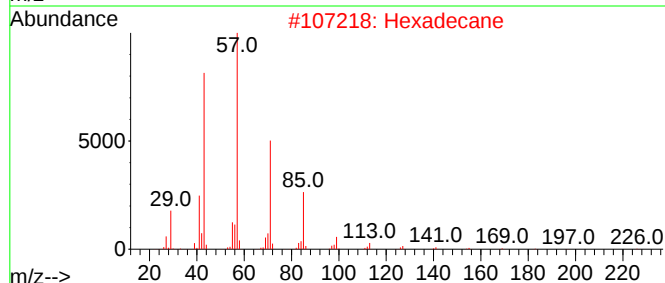
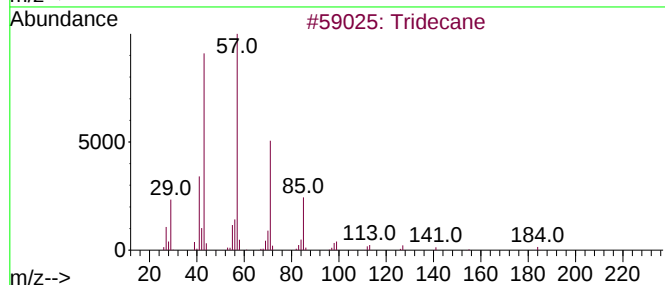
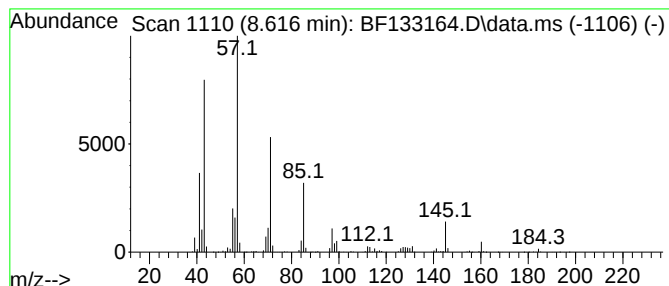
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	12.71 ng	2482640	Naphthalene-d8	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	64
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4			Tetradecane	198	C14H30	000629-59-4	64
5			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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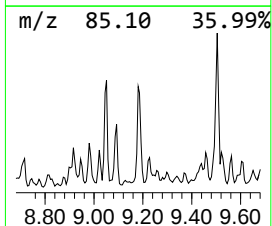
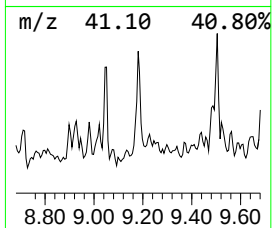
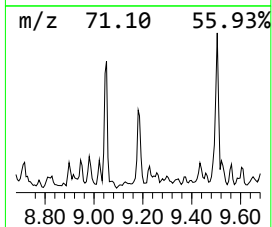
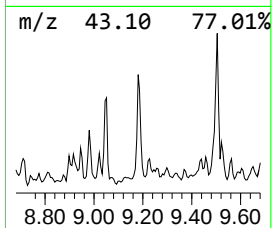
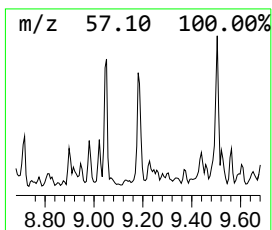
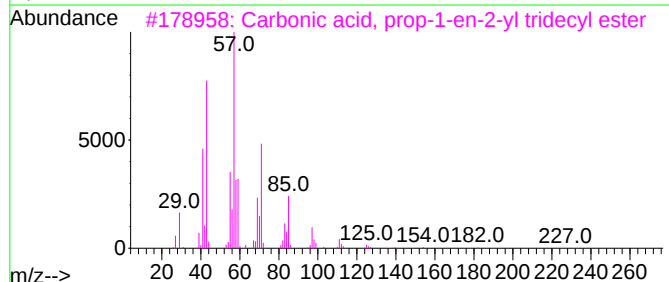
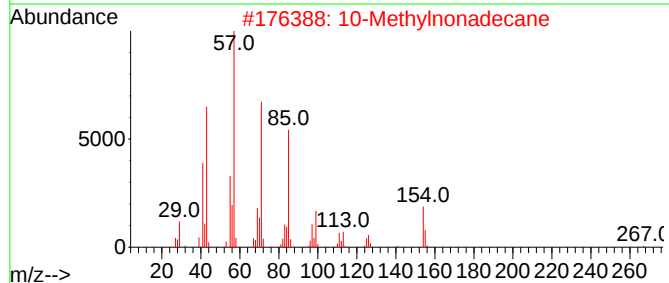
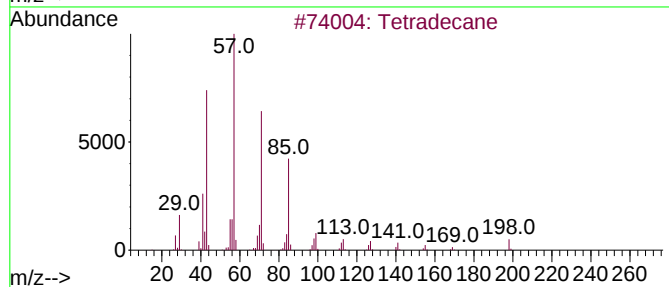
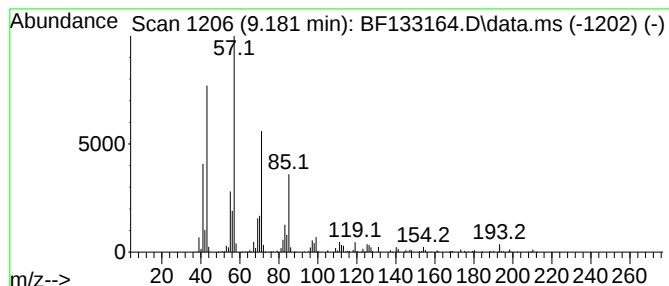
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	19.82 ng	3122080	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			10-Methylnonadecane	282	C20H42	056862-62-5	72
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72
4			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	72
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
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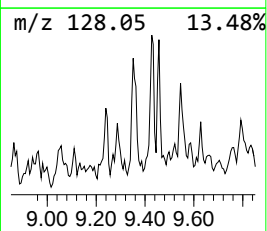
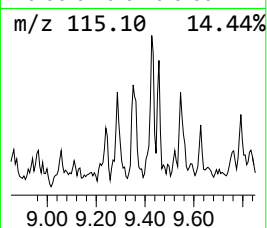
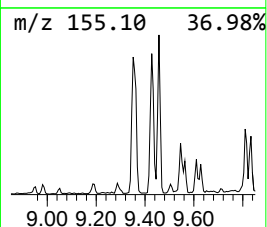
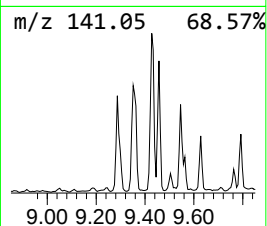
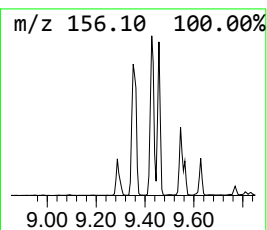
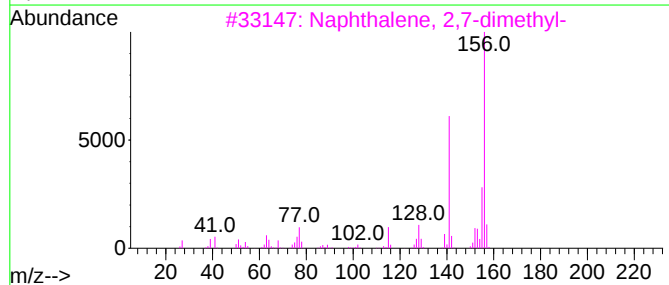
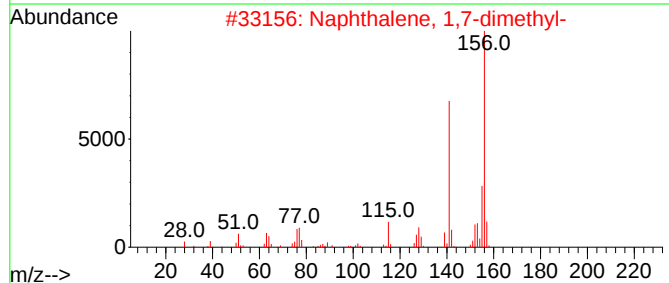
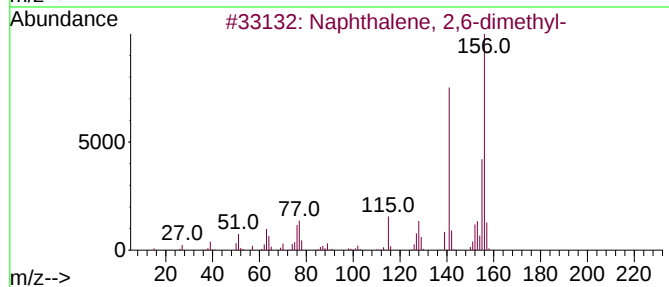
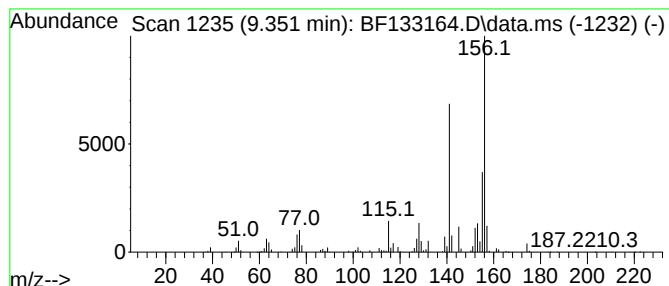
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.351	13.65 ng	2150330	Acenaphthene-d10	9.769	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
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ALS Vial : 10 Sample Multiplier: 1

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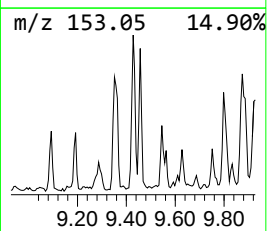
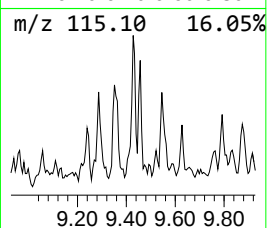
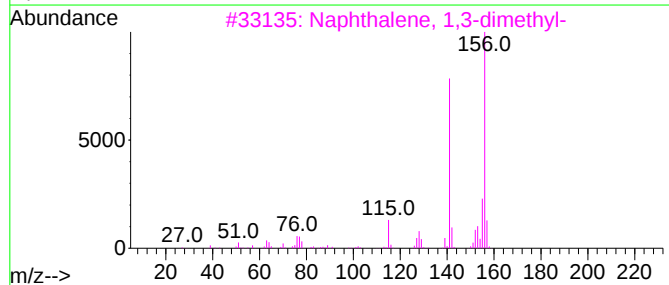
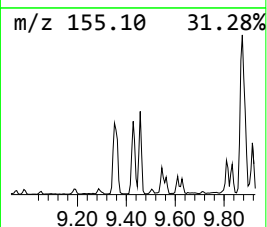
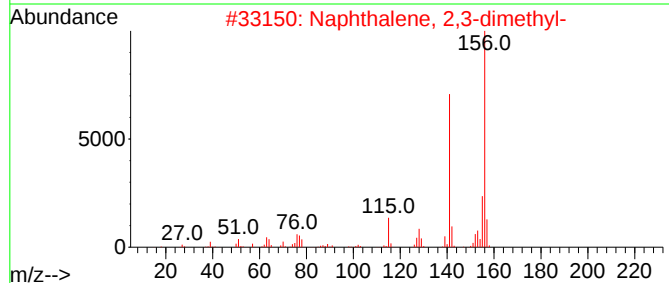
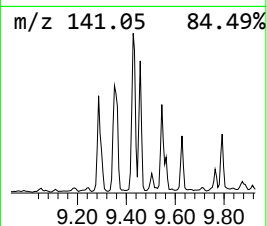
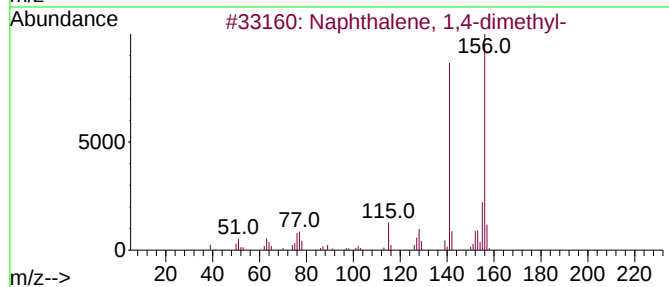
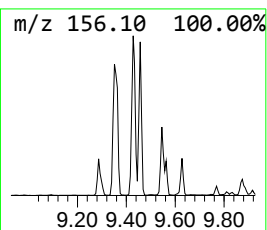
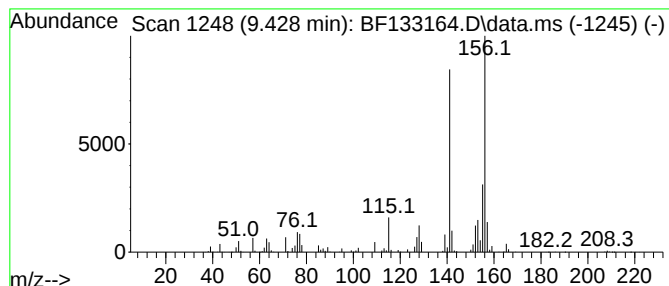
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	14.91 ng	2349780	Acenaphthene-d10	9.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

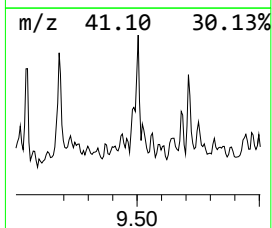
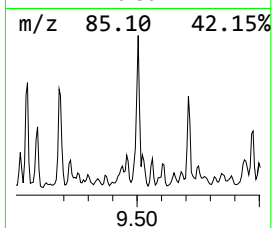
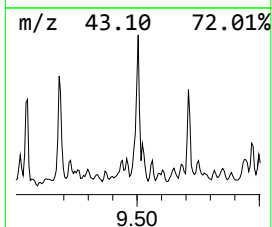
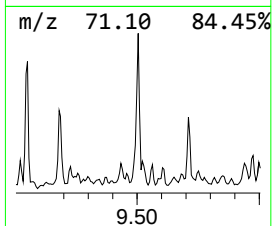
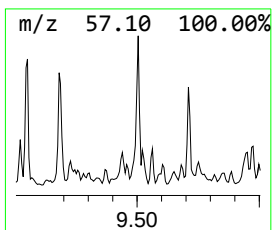
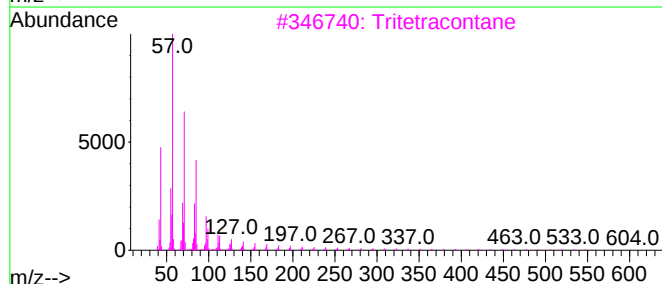
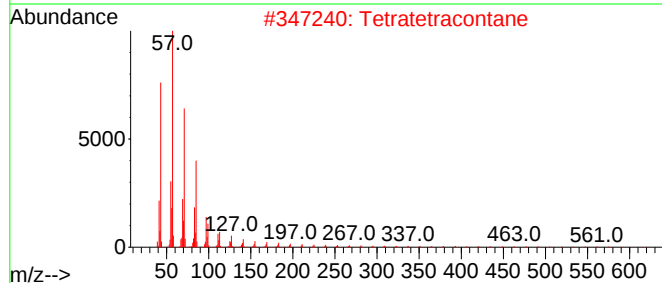
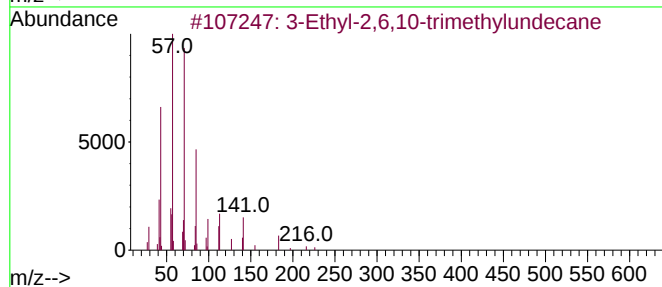
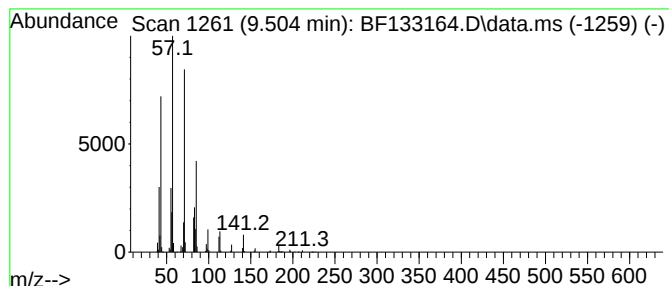
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3-Ethyl-2,6,10-trimethylund... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	15.15 ng	2386420	Acenaphthene-d10	9.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34		1000432-25-9	90
2	Tetratetracontane	619	C44H90		007098-22-8	90
3	Tritetracontane	605	C43H88		007098-21-7	90
4	Tridecane	184	C13H28		000629-50-5	87
5	Decane, 5-propyl-	184	C13H28		017312-62-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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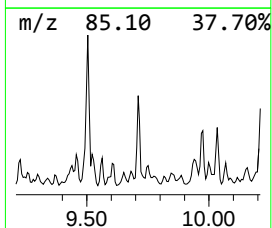
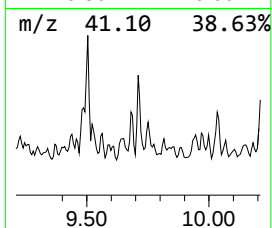
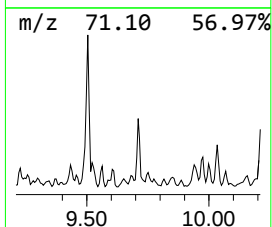
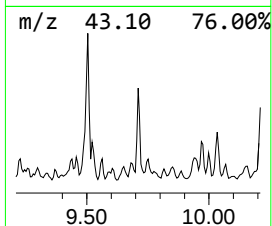
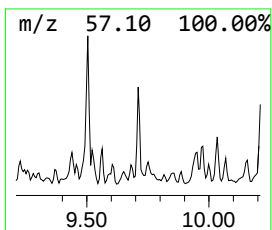
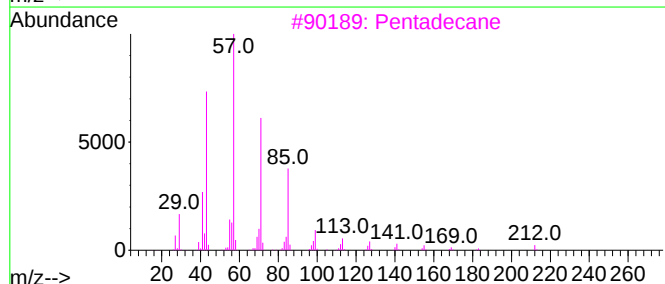
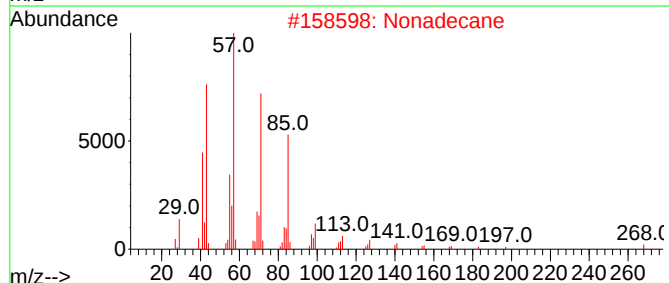
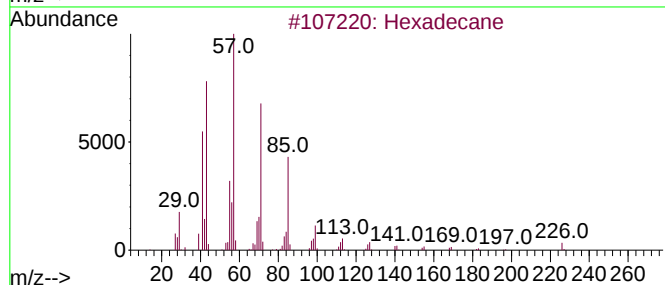
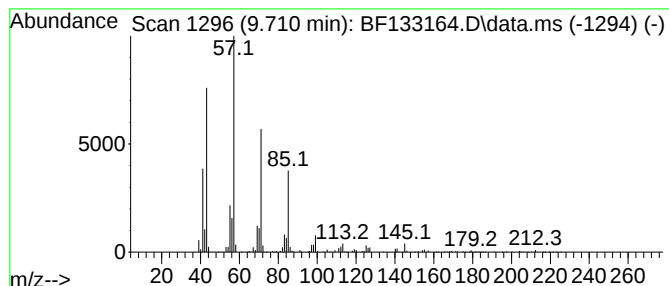
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	11.11 ng	1750700	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Nonadecane	268	C19H40	000629-92-5	90
3			Pentadecane	212	C15H32	000629-62-9	87
4			Octacosane	394	C28H58	000630-02-4	86
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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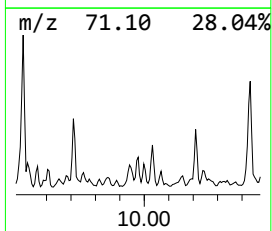
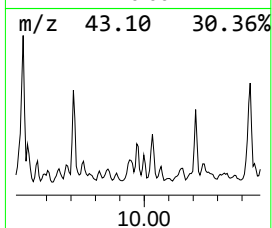
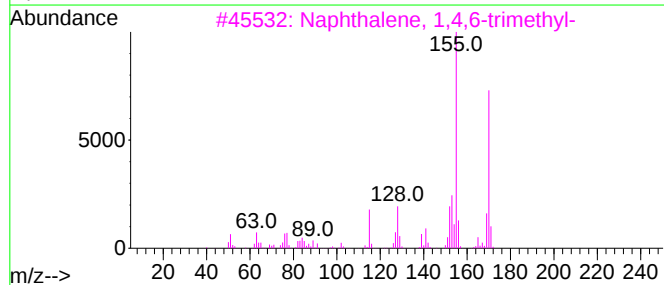
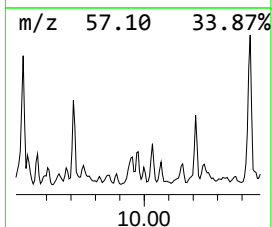
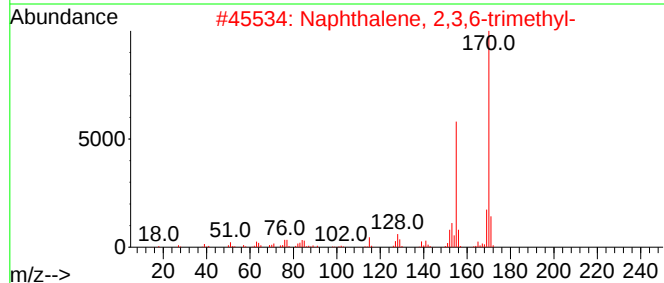
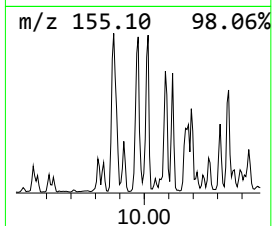
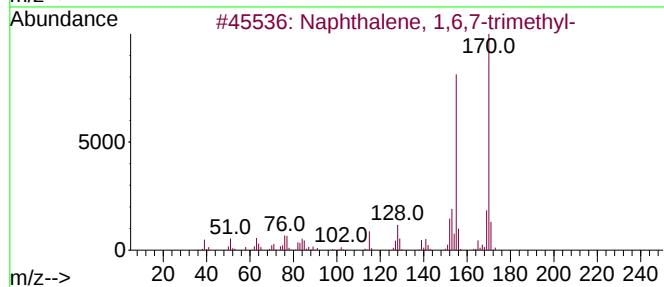
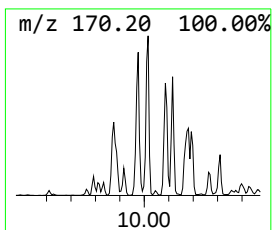
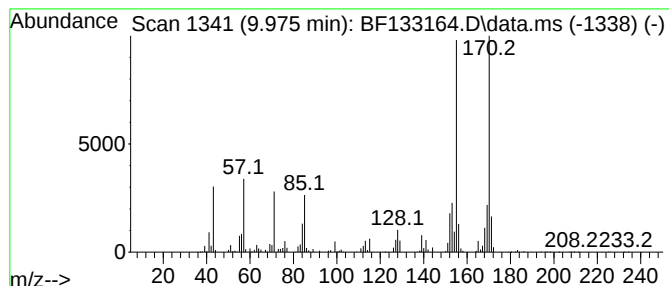
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.975	12.22 ng	1925990	Acenaphthene-d10	9.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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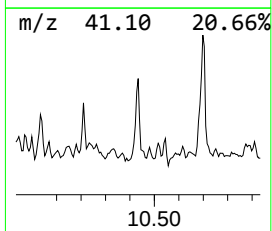
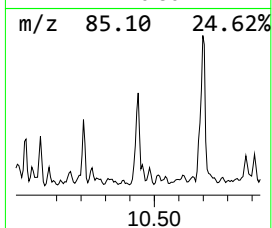
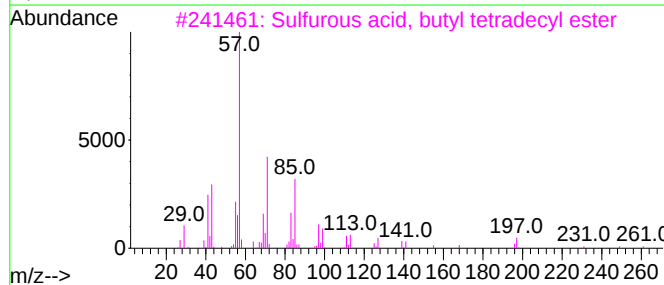
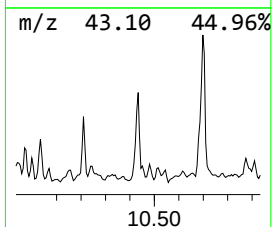
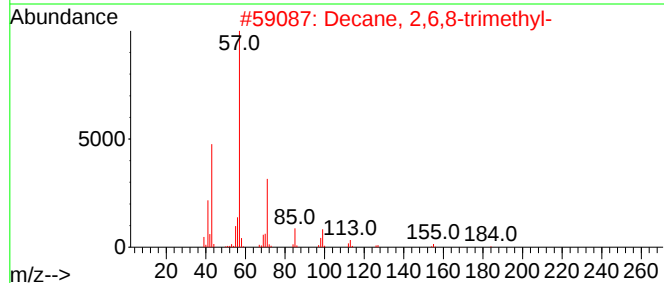
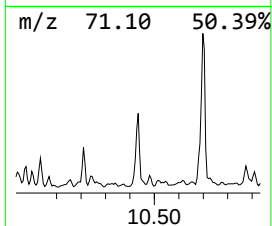
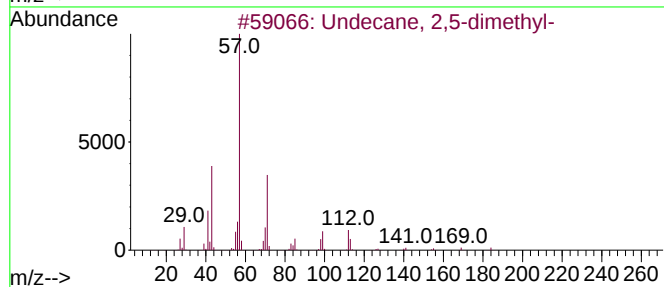
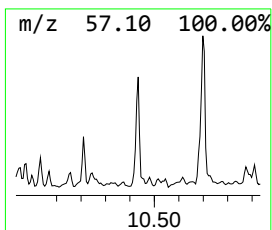
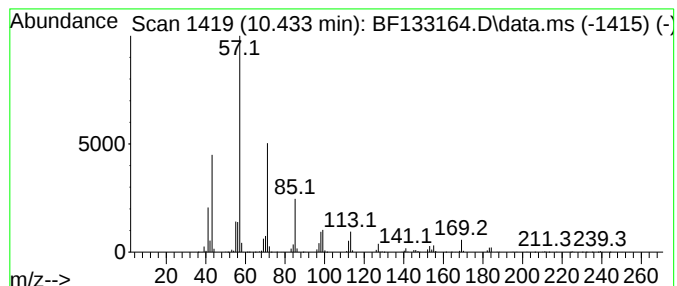
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.434	15.60 ng	2457380	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
3			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Decane, 2-methyl-	156	C11H24	006975-98-0	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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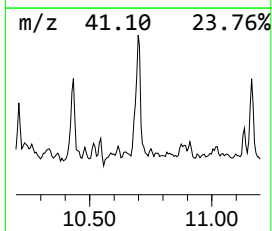
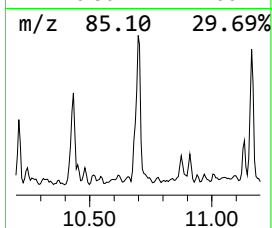
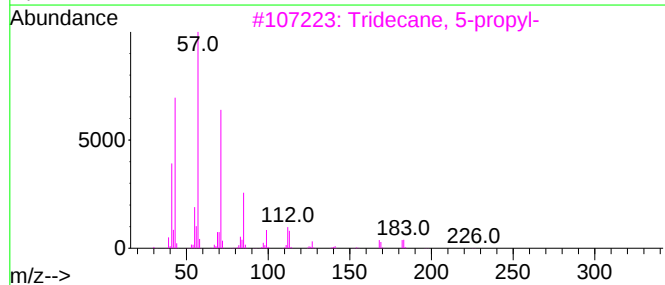
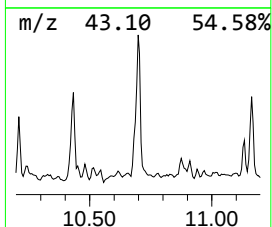
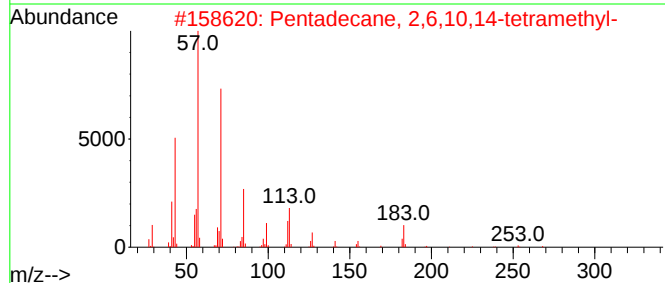
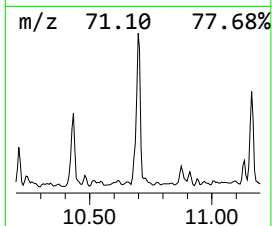
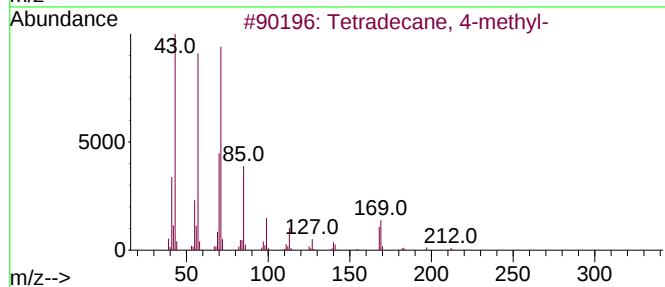
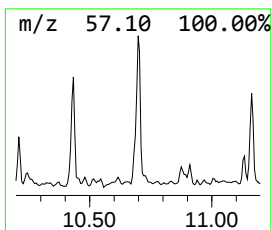
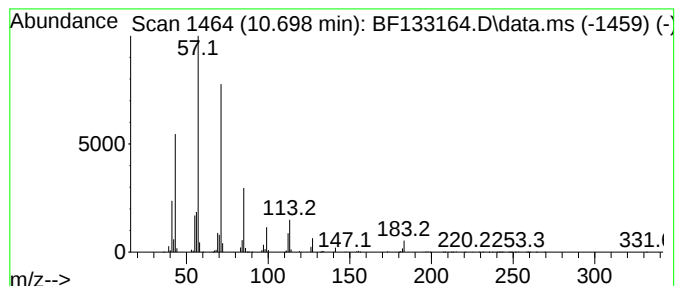
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.698	81.63 ng	5532310	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	83
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
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ALS Vial : 10 Sample Multiplier: 1

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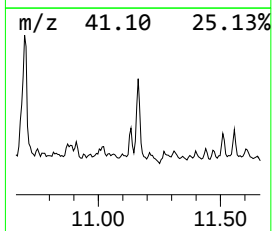
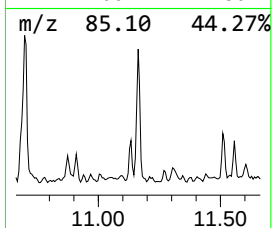
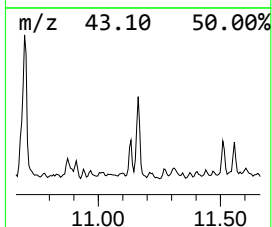
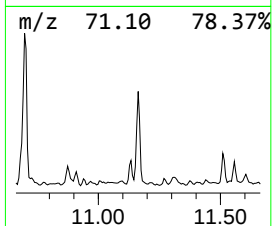
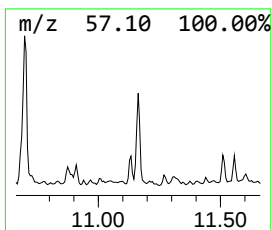
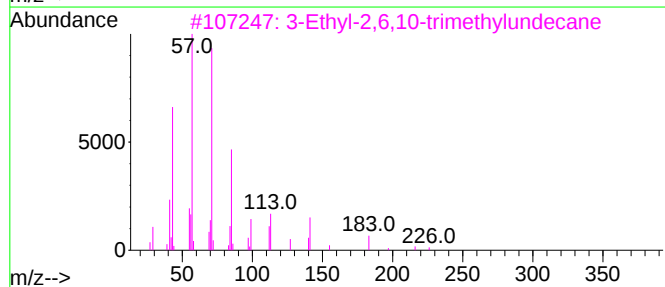
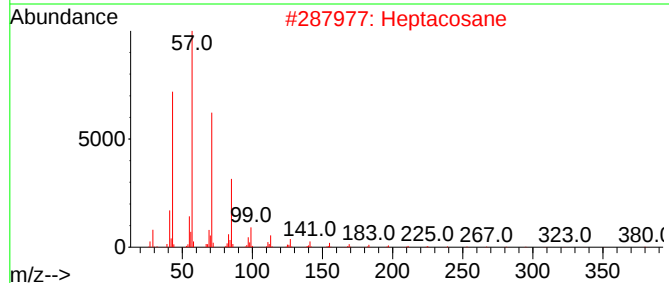
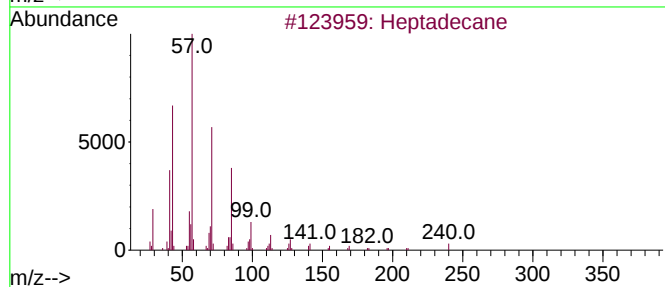
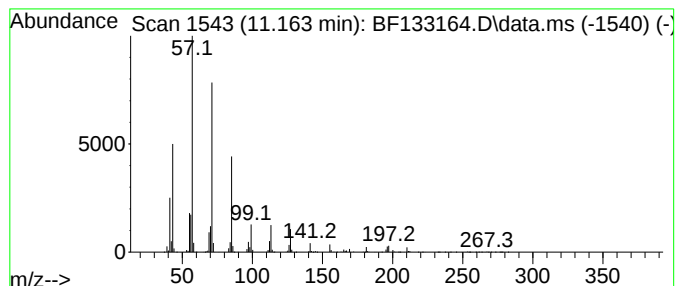
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	46.93 ng	3180710	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Heptacosane	380	C27H56	000593-49-7	86
3			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
4			Hexacosane	366	C26H54	000630-01-3	83
5			Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

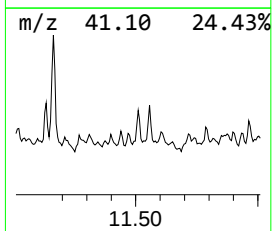
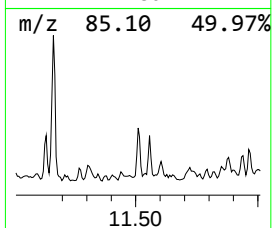
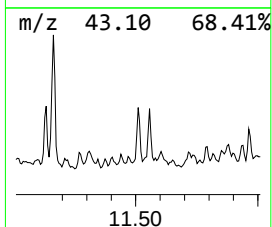
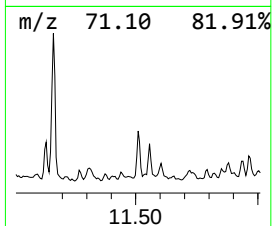
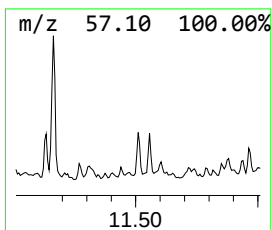
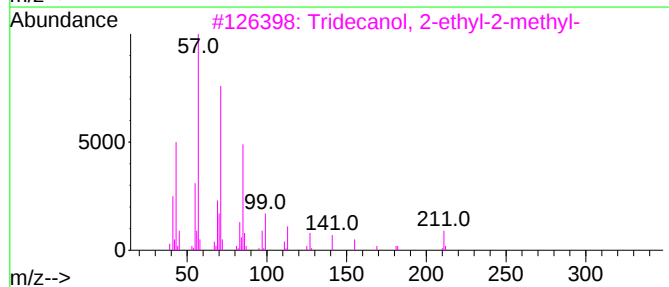
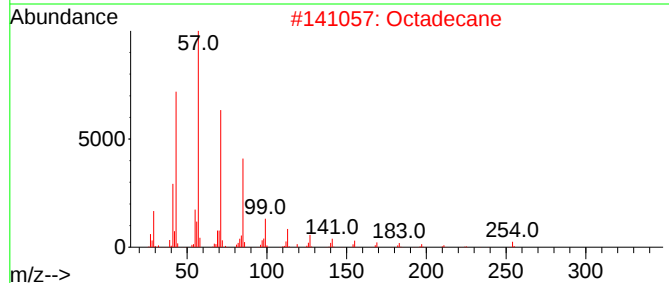
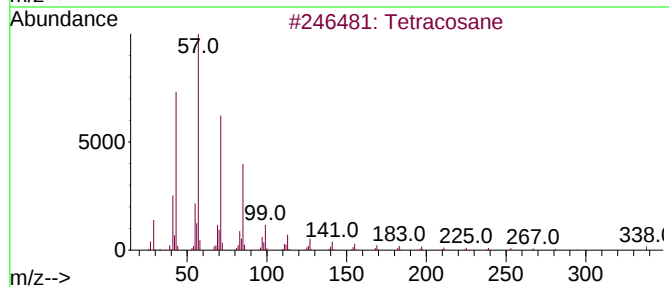
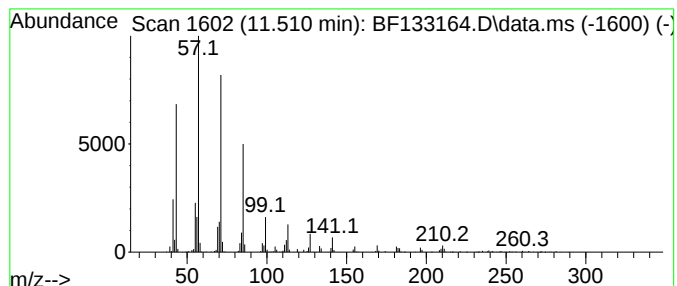
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.510	13.13 ng	890166	Phenanthrene-d10		11.251	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	91
2	Octadecane		254	C18H38	000593-45-3	90
3	Tridecanol, 2-ethyl-2-methyl-		242	C16H34O	1010115-66-1	90
4	Nonadecane		268	C19H40	000629-92-5	90
5	5,5-Diethyltridecane		240	C17H36	1000360-41-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS011-0006-01

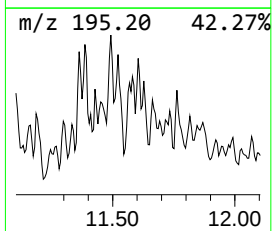
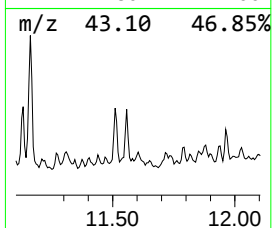
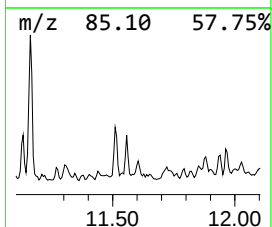
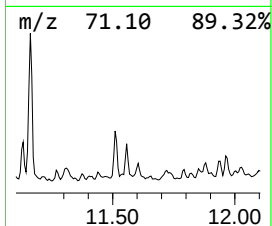
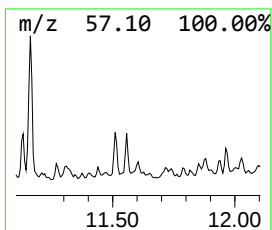
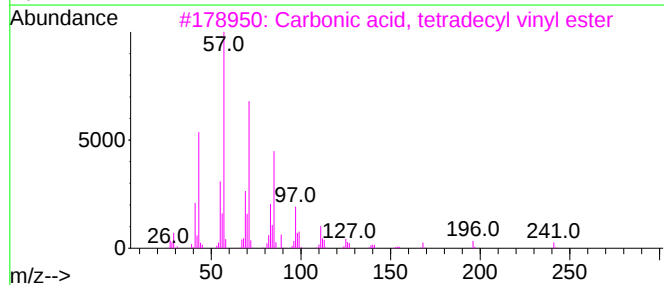
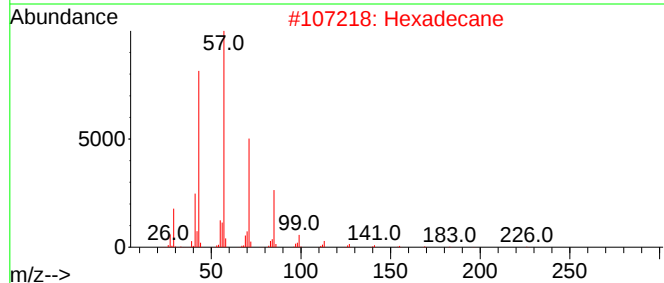
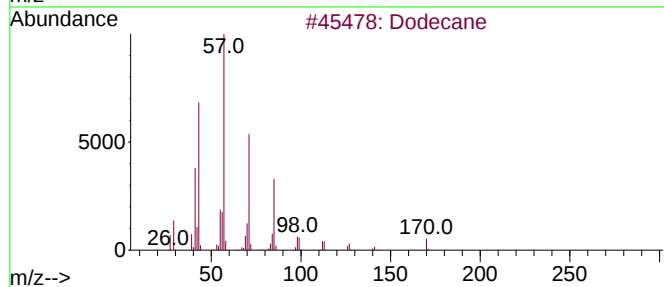
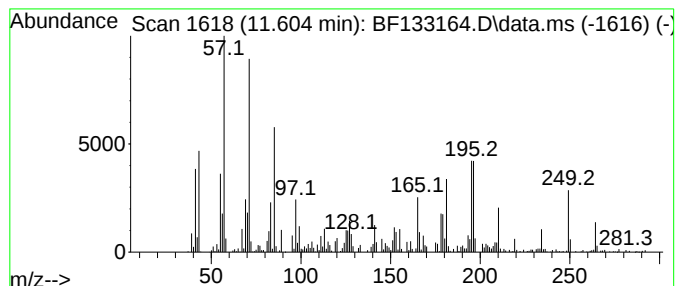
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.604 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	10.95 ng	741829	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	38
2			Hexadecane	226	C16H34	000544-76-3	30
3			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	27
4			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	27
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

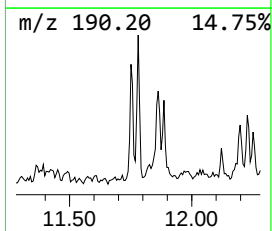
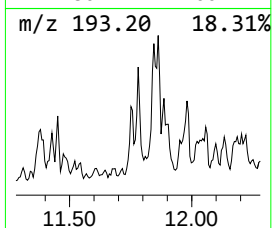
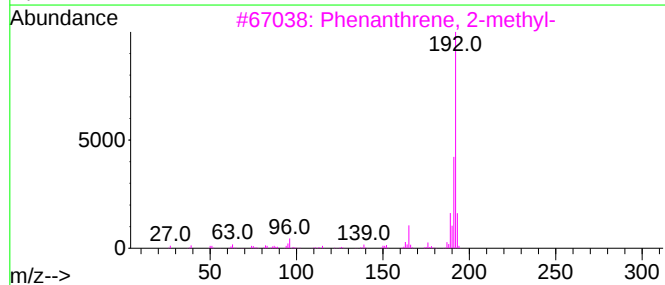
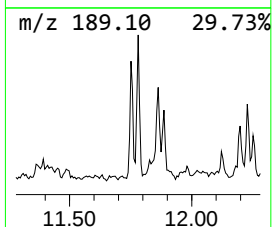
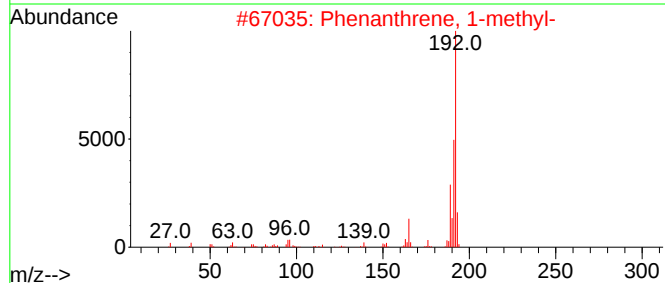
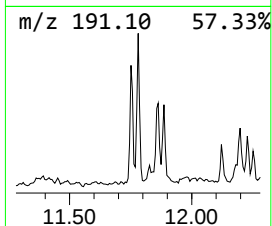
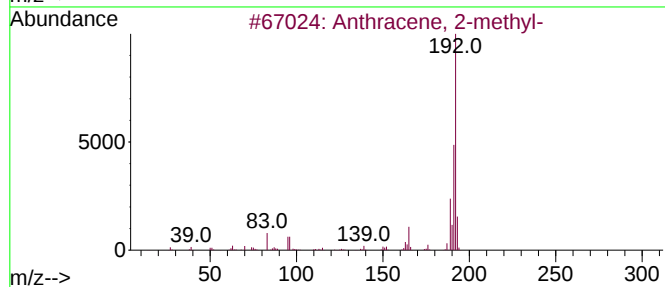
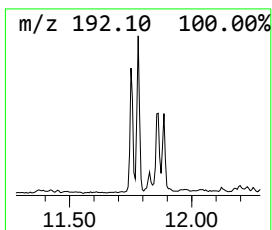
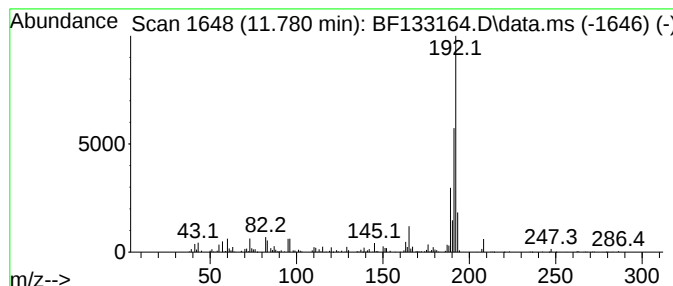
Instrument :
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ClientSampleId :
P001-SS011-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.781	11.18 ng	757576	Phenanthrene-d10		11.251	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-		192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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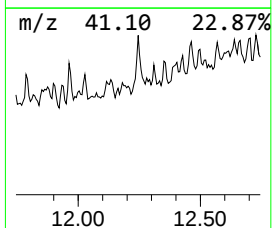
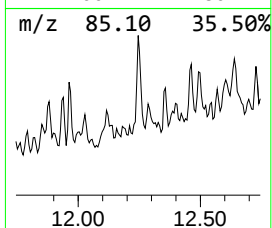
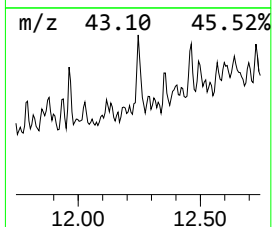
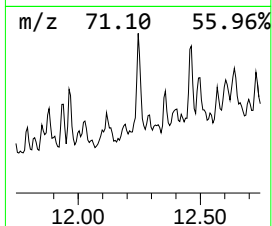
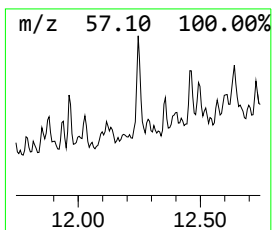
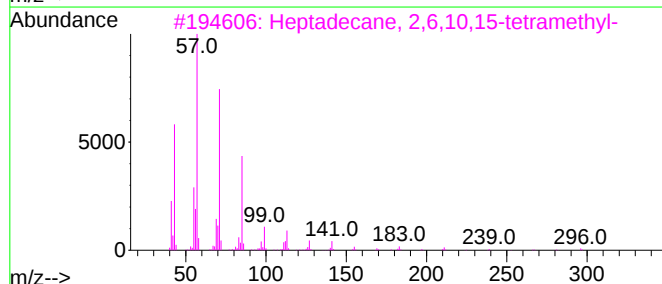
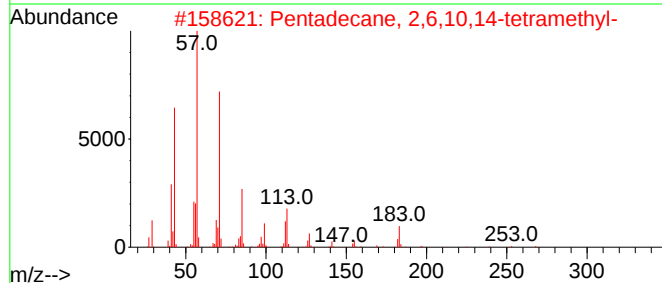
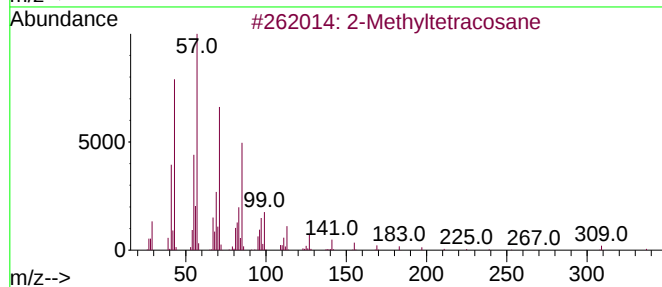
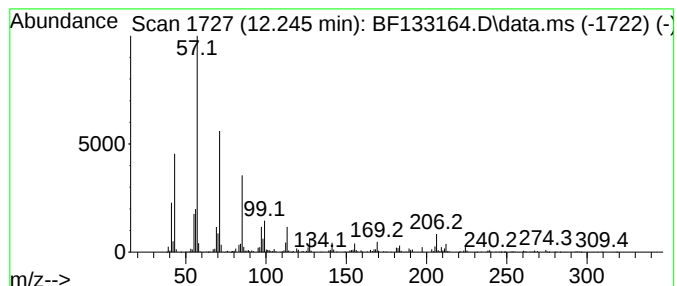
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Methyltetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	21.70 ng	1470410	Phenanthrene-d10	11.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methyltetracosane	352	C25H52	001560-78-7	86
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4		Octacosane	394	C28H58	000630-02-4	83
5		Octacosane, 2-methyl-	408	C29H60	001560-98-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133164.D
Acq On : 01 May 2023 19:40
Operator : CG\JU
Sample : 02558-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
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Benzene, 1-meth...	7.010	17.9	ng	1163020	1	6.728	1296480	20.0
Benzene, 1,3-di...	7.051	23.2	ng	1504890	1	6.728	1296480	20.0
Benzene, 1-meth...	7.128	17.6	ng	1139000	1	6.728	1296480	20.0
Benzene, 1-meth...	7.757	11.0	ng	2145890	2	8.016	3907340	20.0
Dodecane, 4,6-d...	8.445	13.2	ng	2572440	2	8.016	3907340	20.0
Tridecane	8.616	12.7	ng	2482640	2	8.016	3907340	20.0
Tetradecane	9.181	19.8	ng	3122080	3	9.769	3151160	20.0
Naphthalene, 2,...	9.351	13.7	ng	2150330	3	9.769	3151160	20.0
Naphthalene, 1,...	9.428	14.9	ng	2349780	3	9.769	3151160	20.0
3-Ethyl-2,6,10-...	9.504	15.2	ng	2386420	3	9.769	3151160	20.0
Hexadecane	9.710	11.1	ng	1750700	3	9.769	3151160	20.0
Naphthalene, 1,...	9.975	12.2	ng	1925990	3	9.769	3151160	20.0
Undecane, 2,5-d...	10.434	15.6	ng	2457380	3	9.769	3151160	20.0
Tetradecane, 4-...	10.698	81.6	ng	5532310	4	11.251	1355510	20.0
Heptadecane	11.163	46.9	ng	3180710	4	11.251	1355510	20.0
Tetracosane	11.510	13.1	ng	890166	4	11.251	1355510	20.0
unknown11.604	11.604	10.9	ng	741829	4	11.251	1355510	20.0
Anthracene, 2-m...	11.781	11.2	ng	757576	4	11.251	1355510	20.0
2-Methyltetraco...	12.245	21.7	ng	1470410	4	11.251	1355510	20.0