

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132533.D
 Acq On : 23 Feb 2023 22:00
 Operator : CG\JU
 Sample : 01650-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-2-022223

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-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.243	404	409	420	rVB	1159021	1322669	50.99%	2.793%
2	5.637	471	476	479	rBV	2577683	2412944	93.02%	5.095%
3	6.284	576	586	589	rBV2	55873	123018	4.74%	0.260%
4	6.631	641	645	648	rBV	2667249	2397065	92.41%	5.062%
5	6.831	676	679	683	rBV	106106	98298	3.79%	0.208%
6	7.007	706	709	712	rVB	1171428	888958	34.27%	1.877%
7	7.278	748	755	757	rBV3	97115	126096	4.86%	0.266%
8	7.319	760	762	769	rVB2	86380	111671	4.30%	0.236%
9	7.537	794	799	801	rBV	132839	139988	5.40%	0.296%
10	7.572	801	805	807	rVV	1776613	1672229	64.46%	3.531%
11	7.590	807	808	813	rVB	278164	200094	7.71%	0.423%
12	7.648	813	818	821	rBV5	105957	154146	5.94%	0.325%
13	7.695	821	826	831	rBV6	59197	139965	5.40%	0.296%
14	7.813	845	846	854	rVB2	146659	129951	5.01%	0.274%
15	7.931	864	866	869	rBV2	109915	115686	4.46%	0.244%
16	7.960	869	871	875	rVB5	90139	94133	3.63%	0.199%
17	8.025	880	882	885	rVV	234145	194132	7.48%	0.410%
18	8.131	898	900	902	rVB	162242	108480	4.18%	0.229%
19	8.189	907	910	914	rBV4	79817	106845	4.12%	0.226%
20	8.260	919	922	925	rVV	584167	561852	21.66%	1.186%
21	8.295	925	928	930	rVV	1293050	1123823	43.32%	2.373%
22	8.337	933	935	939	rVB2	317404	302808	11.67%	0.639%
23	8.372	939	941	944	rBV3	106823	120460	4.64%	0.254%
24	8.437	948	952	955	rBV6	55819	104865	4.04%	0.221%
25	8.489	958	961	964	rVB2	182683	154133	5.94%	0.325%
26	8.578	972	976	980	rVB3	323930	367025	14.15%	0.775%
27	8.636	980	986	988	rBV5	152627	233821	9.01%	0.494%
28	8.701	994	997	999	rVB2	316709	250138	9.64%	0.528%
29	8.754	1004	1006	1009	rVB	100488	94469	3.64%	0.199%
30	8.795	1010	1013	1016	rBV	464500	373273	14.39%	0.788%
31	8.872	1023	1026	1031	rVB	906355	721174	27.80%	1.523%
32	8.919	1031	1034	1037	rVV4	100194	157959	6.09%	0.334%
33	8.954	1037	1040	1046	rVB3	216894	299387	11.54%	0.632%
34	9.113	1064	1067	1069	rVV2	403149	334144	12.88%	0.706%
35	9.154	1072	1074	1076	rVV3	185327	162169	6.25%	0.342%
36	9.201	1079	1082	1084	rVB4	161174	180020	6.94%	0.380%

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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.236	1084	1088	1090	rBV3	307944	295424	11.39%	0.624%
38	9.278	1093	1095	1097	rVV	138660	103696	4.00%	0.219%
39	9.301	1097	1099	1102	rVV2	351772	287126	11.07%	0.606%
40	9.366	1107	1110	1114	rVB	2921358	2594046	100.00%	5.478%
41	9.436	1119	1122	1126	rVV	1105388	993320	38.29%	2.098%
42	9.478	1127	1129	1131	rVV3	116700	119336	4.60%	0.252%
43	9.519	1134	1136	1138	rVV	284221	207128	7.98%	0.437%
44	9.548	1138	1141	1146	rVV5	76472	103707	4.00%	0.219%
45	9.625	1152	1154	1161	rVB4	150918	195687	7.54%	0.413%
46	9.695	1161	1166	1168	rBV4	179155	339076	13.07%	0.716%
47	9.760	1174	1177	1182	rBV3	412307	498753	19.23%	1.053%
48	9.819	1185	1187	1191	rBV2	189349	218900	8.44%	0.462%
49	9.913	1200	1203	1207	rBV4	125215	136836	5.28%	0.289%
50	9.972	1210	1213	1217	rVB	1274456	997280	38.44%	2.106%
51	10.054	1224	1227	1230	rVB	1215250	993258	38.29%	2.097%
52	10.148	1241	1243	1249	rBV5	90153	113212	4.36%	0.239%
53	10.207	1249	1253	1255	rBV2	142424	199946	7.71%	0.422%
54	10.231	1255	1257	1259	rVV2	178836	147427	5.68%	0.311%
55	10.260	1259	1262	1265	rVB3	163710	159601	6.15%	0.337%
56	10.289	1265	1267	1272	rBV2	275516	344813	13.29%	0.728%
57	10.331	1272	1274	1277	rVB	159580	132362	5.10%	0.279%
58	10.372	1278	1281	1284	rBV3	139169	195243	7.53%	0.412%
59	10.472	1294	1298	1301	rBV	1224229	975143	37.59%	2.059%
60	10.689	1330	1335	1338	rBV	415618	529945	20.43%	1.119%
61	10.748	1342	1345	1346	rBV2	114986	107230	4.13%	0.226%
62	10.766	1346	1348	1354	rVB2	230309	273401	10.54%	0.577%
63	10.813	1354	1356	1358	rBV2	166337	118274	4.56%	0.250%
64	10.848	1358	1362	1365	rBV	1426083	1224218	47.19%	2.585%
65	10.948	1376	1379	1388	rVB	1085627	1339799	51.65%	2.829%
66	11.136	1409	1411	1416	rBV3	126506	193080	7.44%	0.408%
67	11.172	1416	1417	1421	rVV2	111980	121228	4.67%	0.256%
68	11.230	1425	1427	1430	rVB2	124052	107476	4.14%	0.227%
69	11.272	1431	1434	1436	rBV2	106100	97081	3.74%	0.205%
70	11.395	1452	1455	1458	rBV	864290	669612	25.81%	1.414%
71	11.425	1458	1460	1463	rBV	268599	222346	8.57%	0.470%
72	11.548	1477	1481	1483	rBV	1011537	890855	34.34%	1.881%
73	11.572	1483	1485	1491	rVB	475923	433898	16.73%	0.916%
74	11.777	1517	1520	1525	rBV4	125915	139047	5.36%	0.294%
75	11.825	1525	1528	1531	rBV	703804	529103	20.40%	1.117%
76	11.925	1542	1545	1549	rVB	479144	397192	15.31%	0.839%

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 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

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 Peak separation: 5

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77	12.066	1564	1569	1576	rBV2	1307695	1453695	56.04%	3.070%
78	12.166	1583	1586	1589	rBV3	116329	129578	5.00%	0.274%
79	12.236	1595	1598	1601	rBV	515367	447913	17.27%	0.946%
80	12.619	1658	1663	1665	rBV3	1978952	1944789	74.97%	4.107%
81	12.636	1665	1666	1673	rVB2	1147257	1068965	41.21%	2.257%
82	12.724	1678	1681	1684	rVB	242016	207824	8.01%	0.439%
83	12.772	1684	1689	1692	rBV	890230	955973	36.85%	2.019%
84	12.848	1700	1702	1708	rVB2	232091	266971	10.29%	0.564%
85	13.001	1722	1728	1734	rVV2	972946	1013136	39.06%	2.139%
86	13.136	1748	1751	1755	rVB	2023334	1865609	71.92%	3.939%
87	13.219	1761	1765	1769	rBV5	81714	135260	5.21%	0.286%
88	13.330	1782	1784	1786	rVB2	128736	95823	3.69%	0.202%
89	13.354	1786	1788	1791	rBV	210505	168169	6.48%	0.355%
90	13.436	1799	1802	1804	rBV	129190	121530	4.68%	0.257%
91	13.701	1844	1847	1850	rBV	152722	125624	4.84%	0.265%
92	13.954	1885	1890	1893	rBV4	90383	151227	5.83%	0.319%
93	14.030	1901	1903	1911	rVB3	169960	308068	11.88%	0.651%
94	14.207	1928	1933	1936	rBV2	1020559	1224968	47.22%	2.587%
95	14.230	1936	1937	1945	rVB	385538	301104	11.61%	0.636%
96	14.348	1955	1957	1964	rBV4	88844	100625	3.88%	0.212%
97	15.295	2115	2118	2122	rBV	211653	329669	12.71%	0.696%
98	15.624	2171	2174	2181	rVB	153394	203136	7.83%	0.429%
99	15.695	2182	2186	2192	rVB	203260	265527	10.24%	0.561%
100	15.760	2193	2197	2201	rBV2	499290	649109	25.02%	1.371%

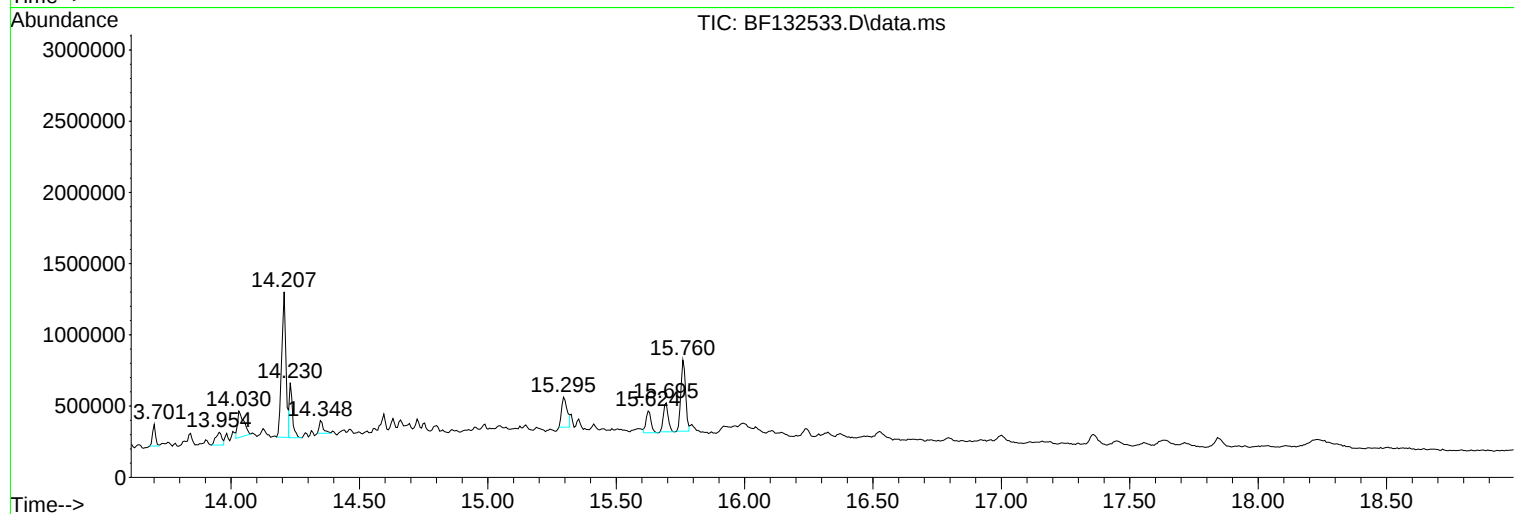
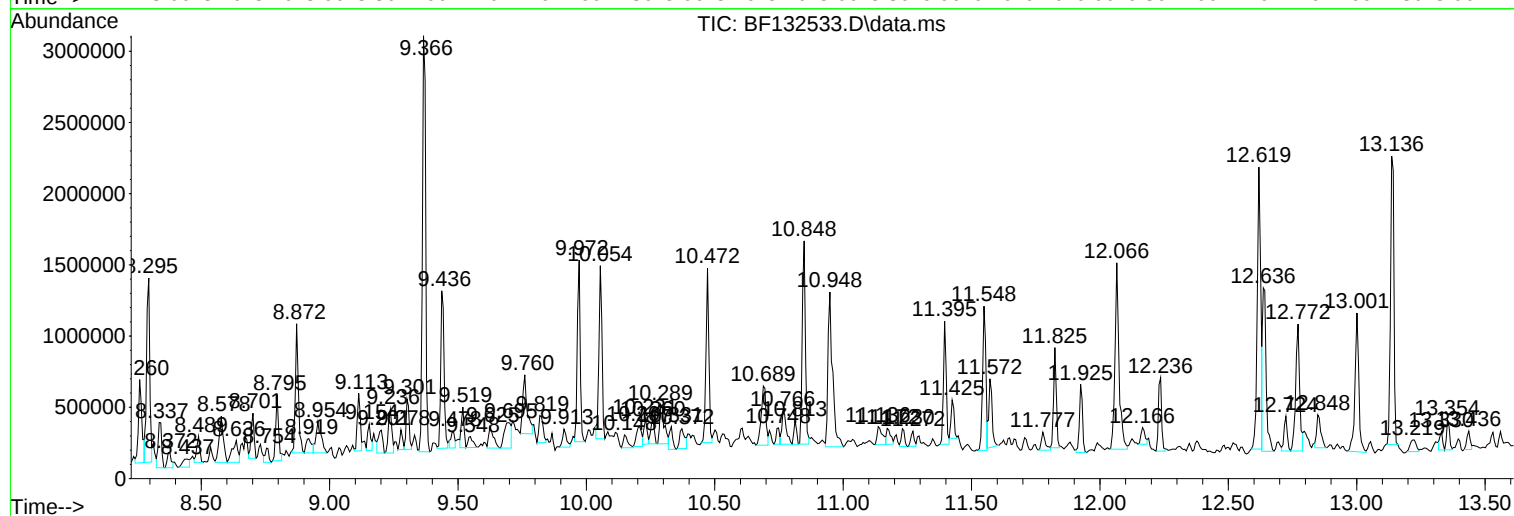
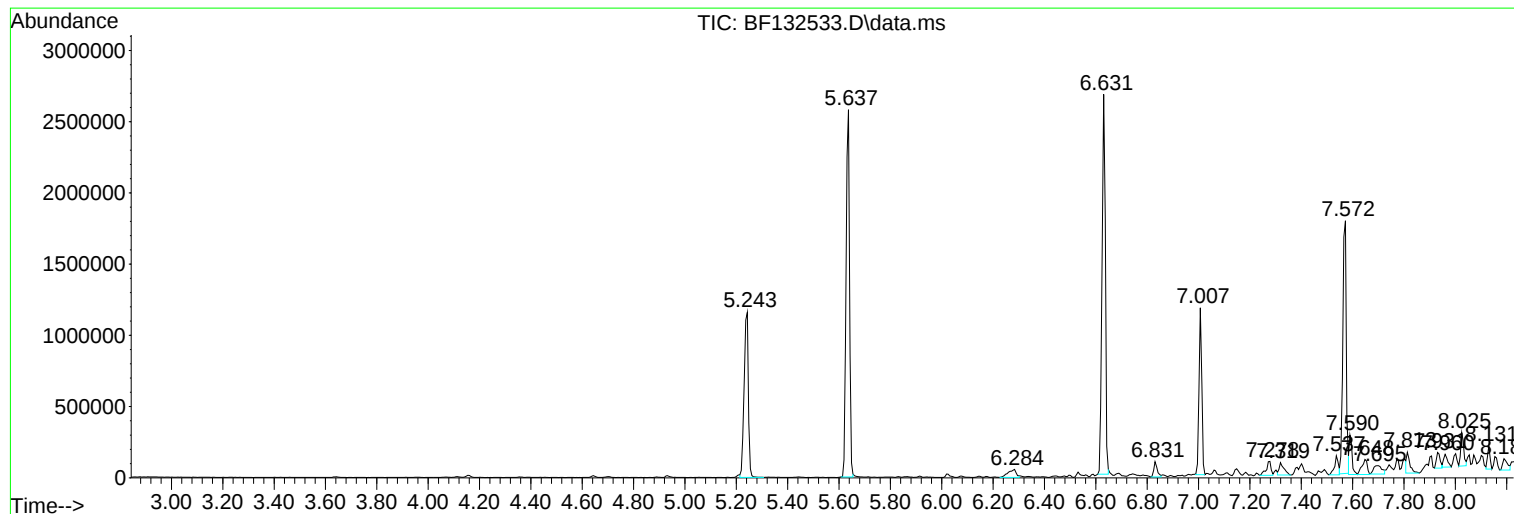
Sum of corrected areas: 47357285

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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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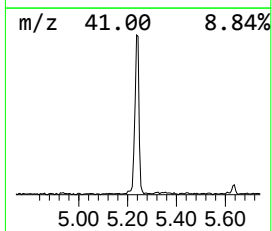
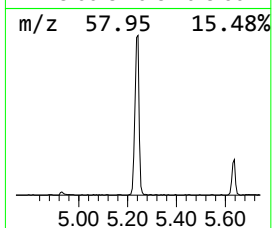
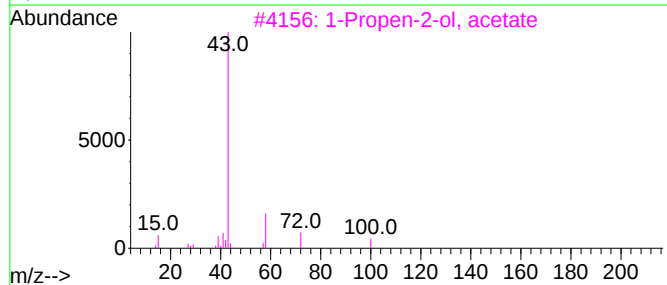
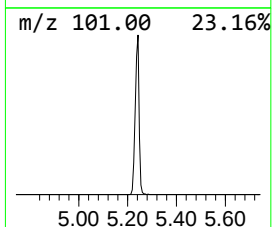
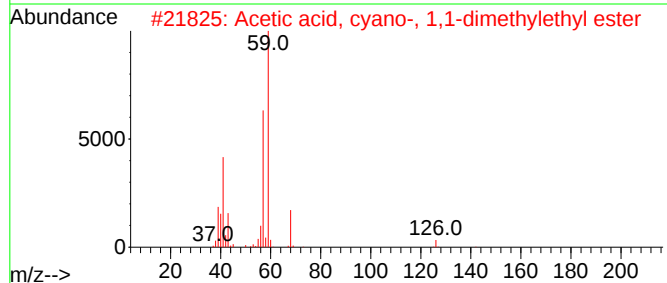
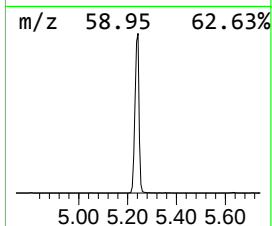
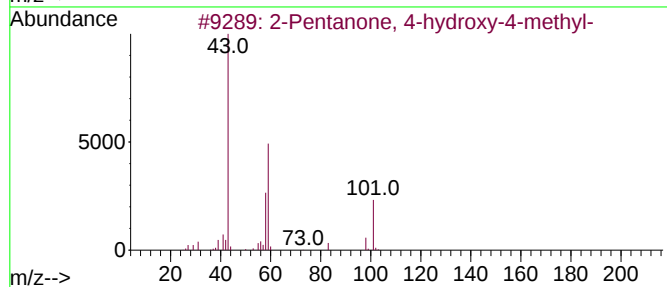
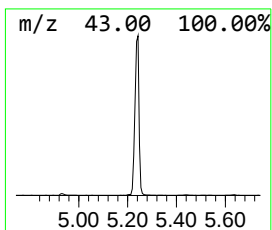
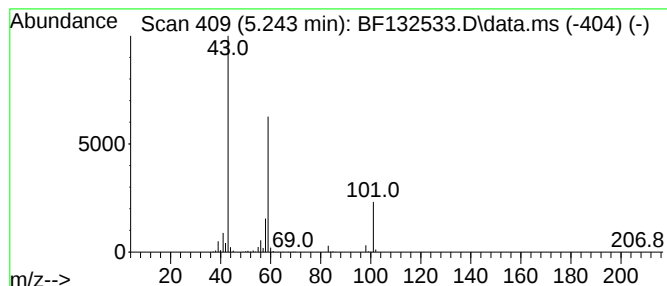
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.243	29.76 ng	1322670	1,4-Dichlorobenzene-d4	7.007

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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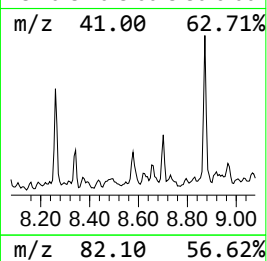
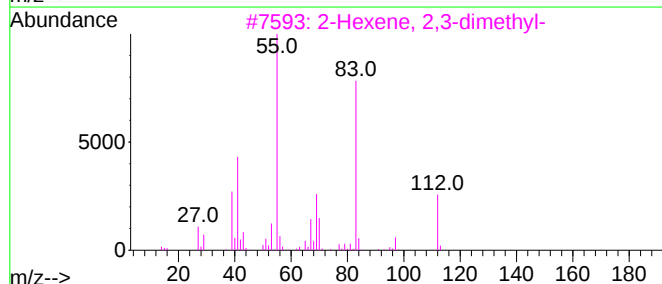
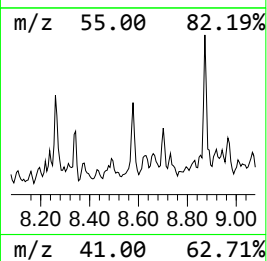
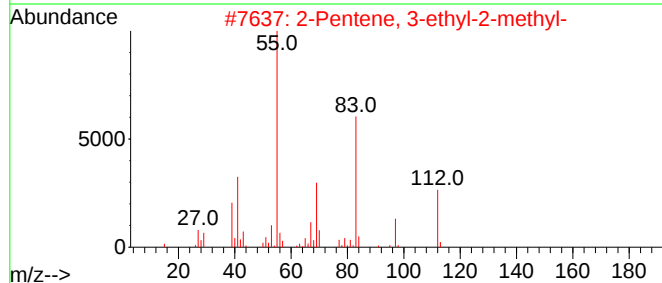
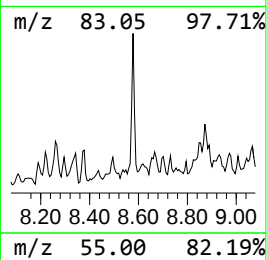
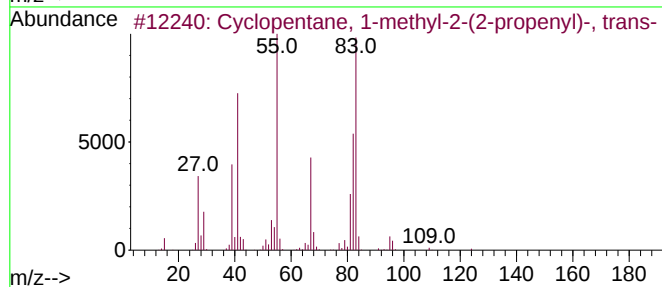
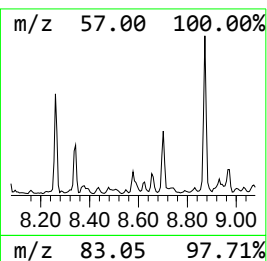
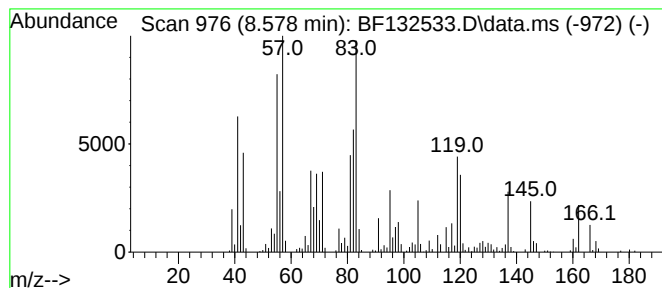
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown8.578 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.578	6.53 ng	367025	Naphthalene-d8	8.295

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	41
2			2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	25
3			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	18
4			3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	18
5			Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	14



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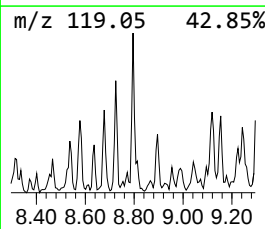
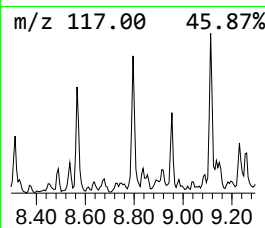
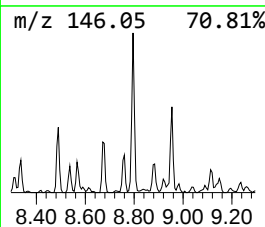
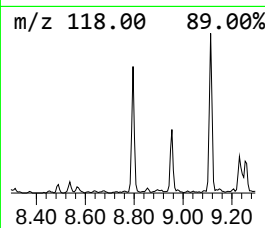
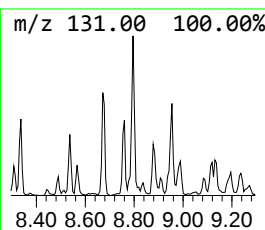
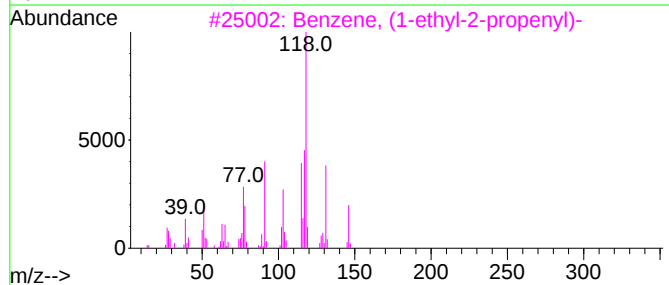
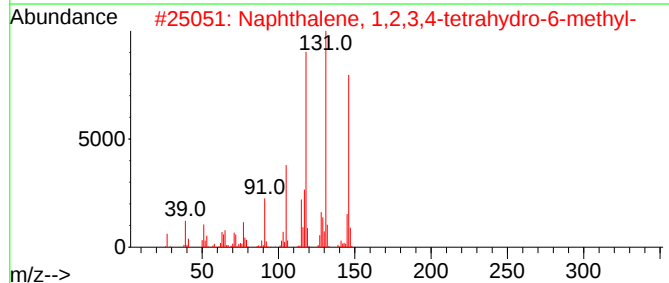
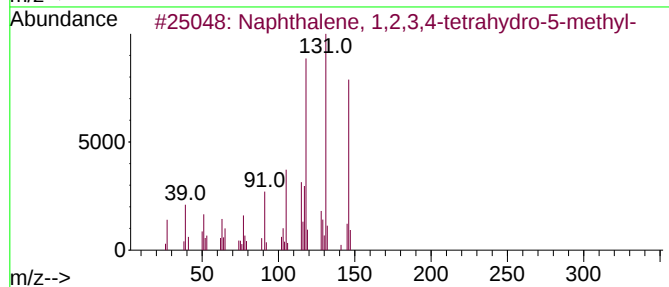
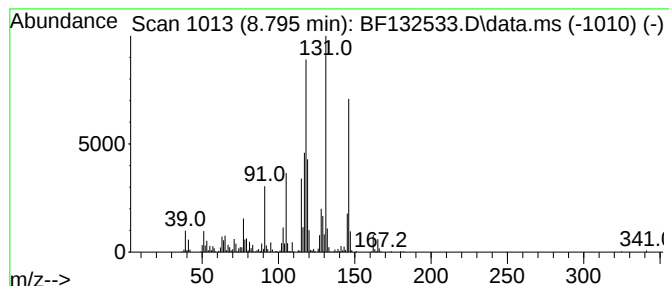
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.795	6.64 ng	373273	Naphthalene-d8	8.295

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
Operator : CG\JU
Sample : 01650-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-2-022223

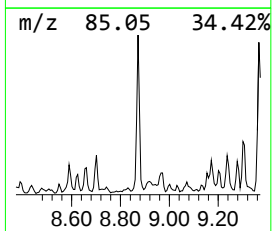
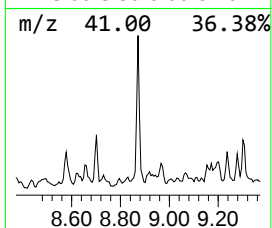
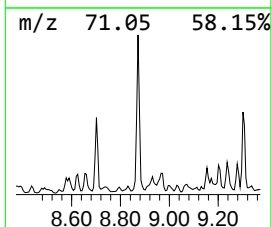
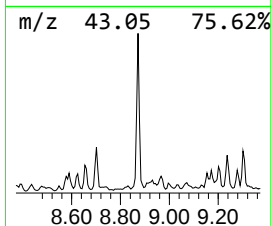
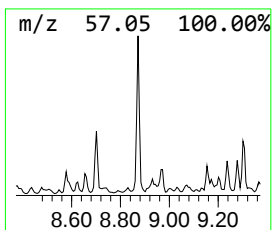
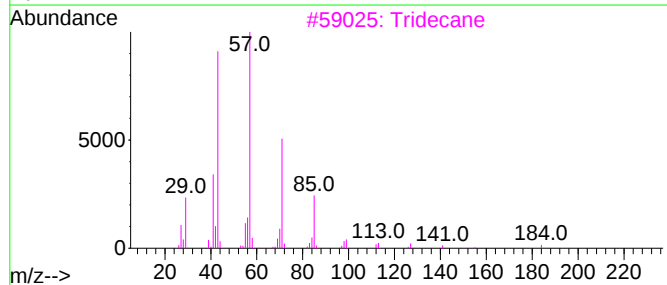
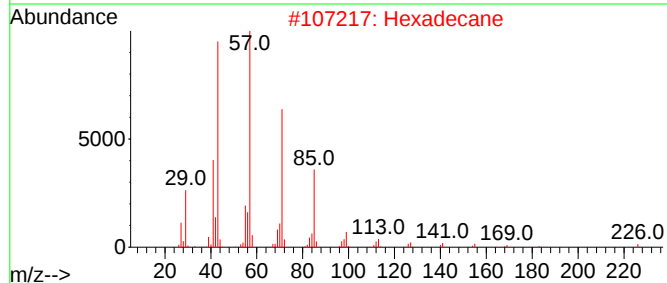
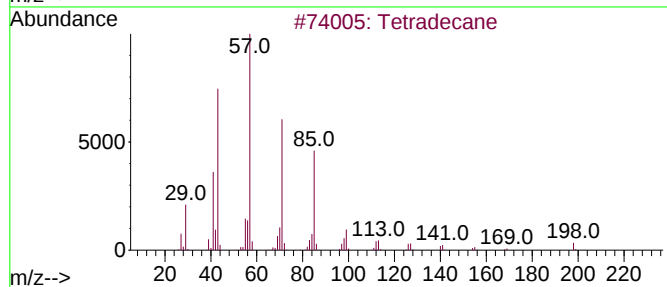
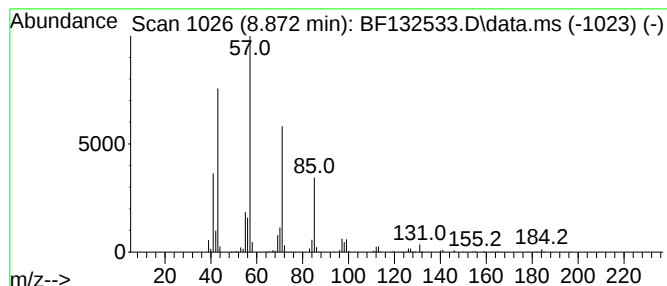
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.872	12.83 ng	721174	Naphthalene-d8	8.295

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	86
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tridecane	184	C13H28	000629-50-5	83
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
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ClientSampleId :
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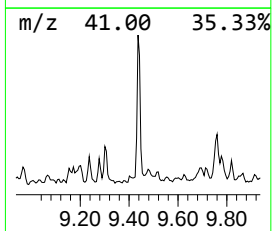
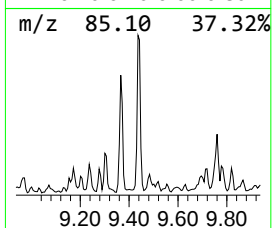
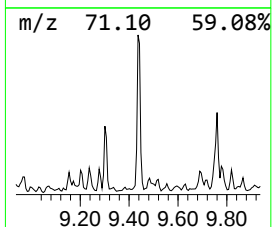
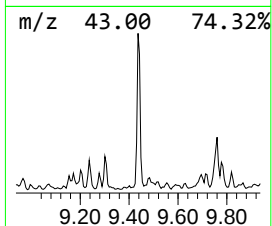
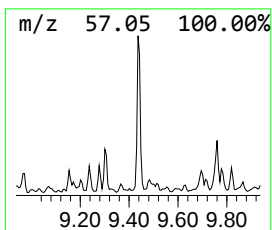
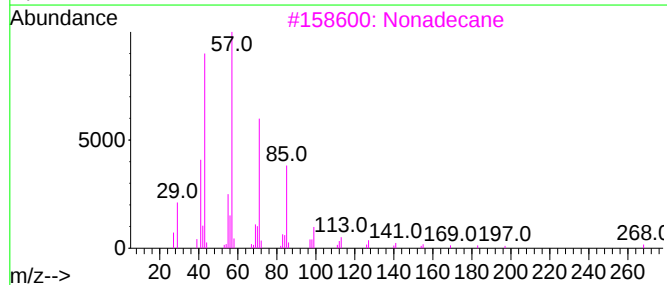
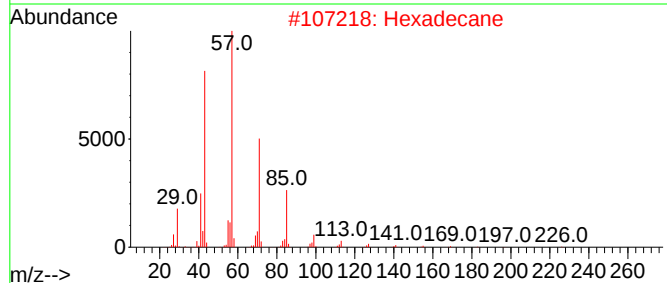
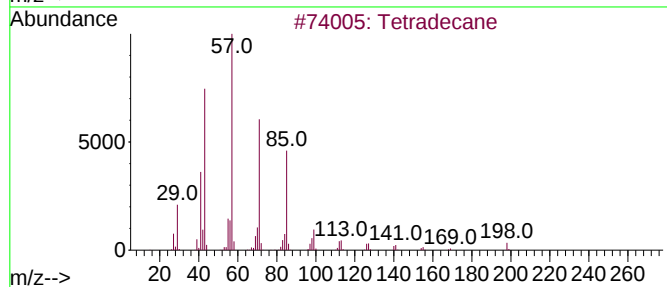
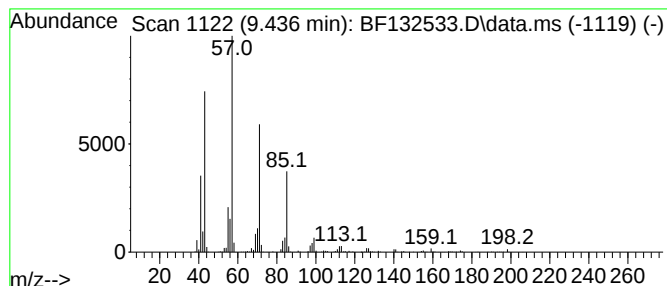
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.436	20.00 ng	993320	Acenaphthene-d10	10.054

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Nonadecane	268	C19H40	000629-92-5	83
4		Tridecane	184	C13H28	000629-50-5	78
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
Operator : CG\JU
Sample : 01650-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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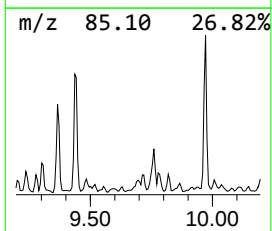
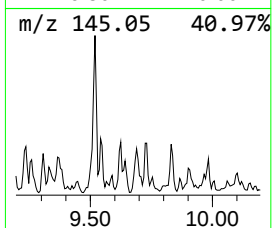
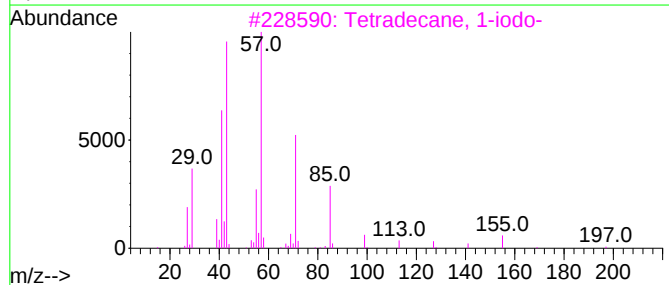
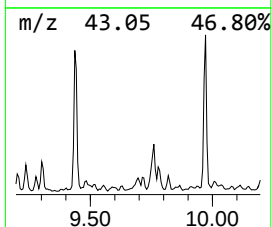
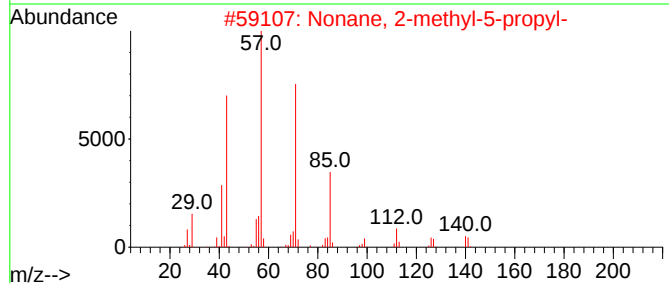
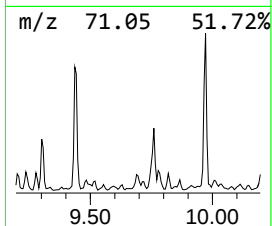
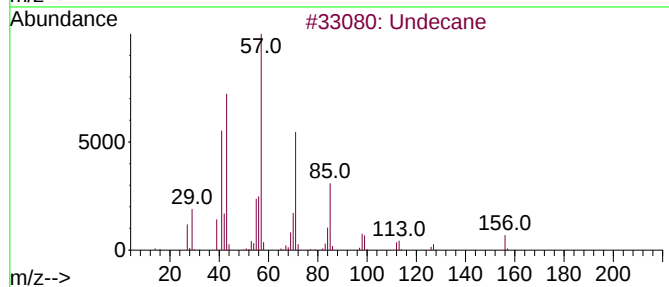
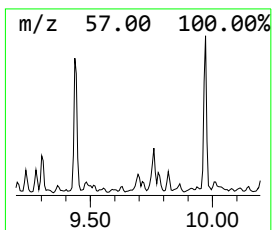
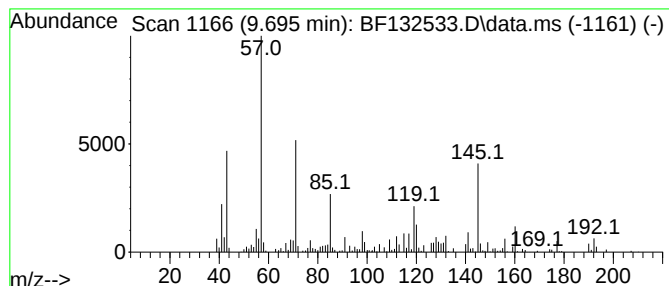
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.695 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.695	6.83 ng	339076	Acenaphthene-d10	10.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	38
2			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	25
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	22
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	22
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
Operator : CG\JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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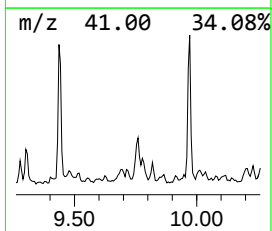
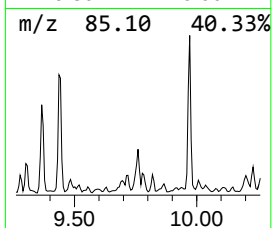
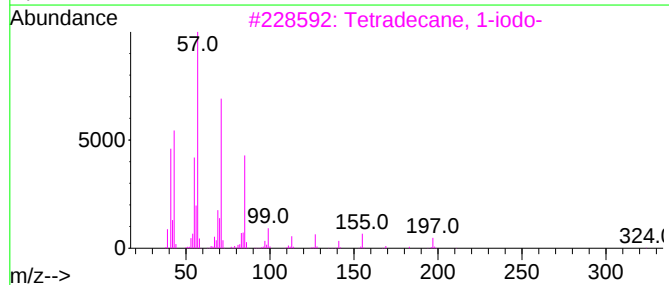
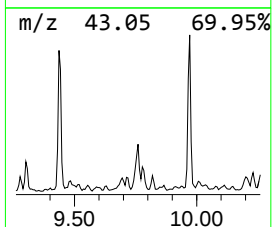
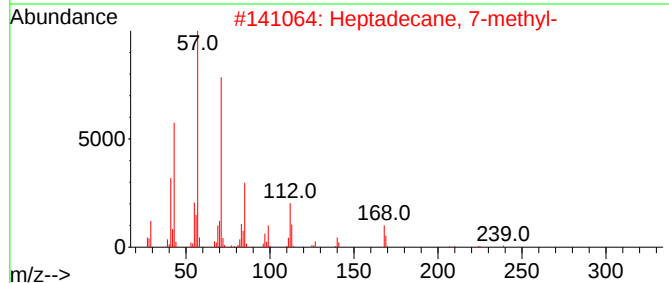
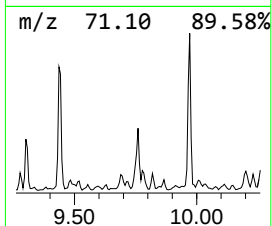
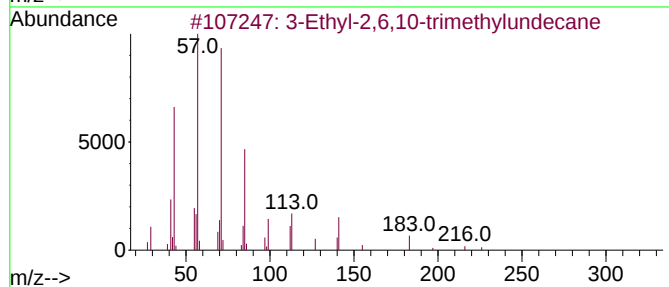
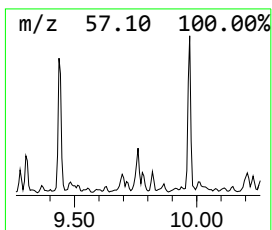
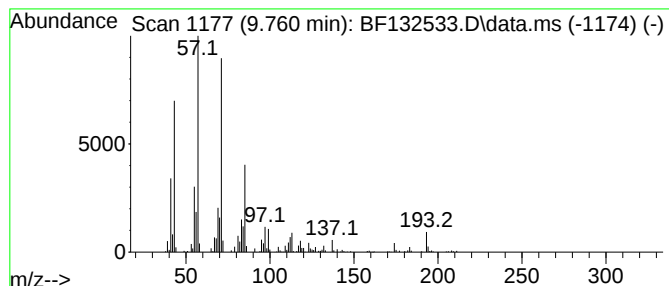
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3-Ethyl-2,6,10-trimethylund... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.760	10.04 ng	498753	Acenaphthene-d10	10.054

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
2		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
5		Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
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ClientSampleId :
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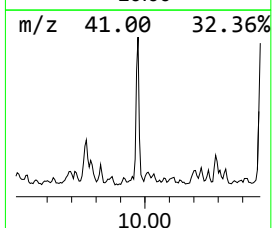
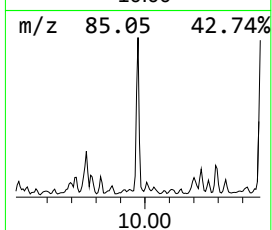
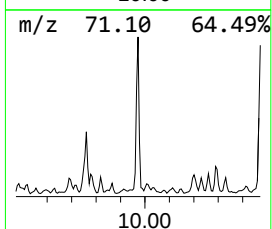
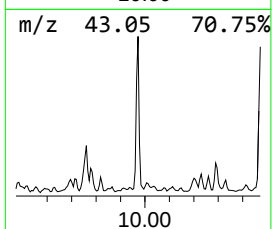
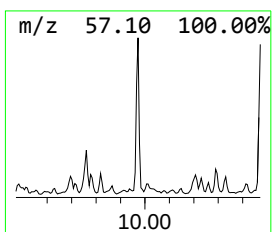
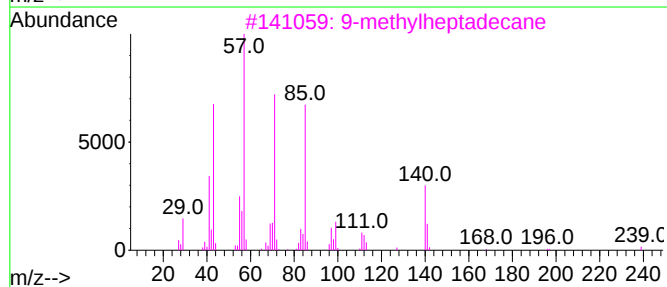
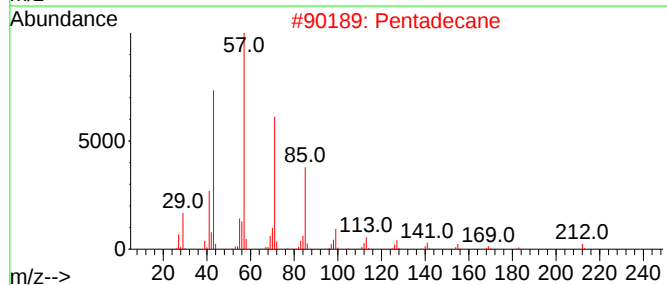
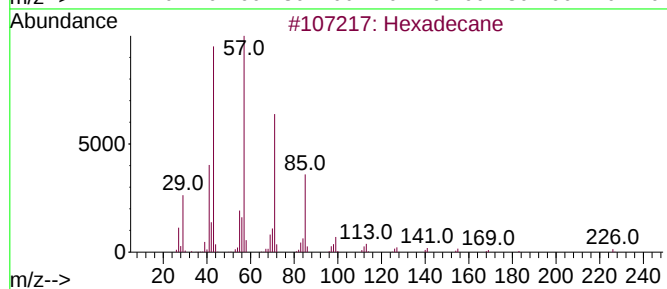
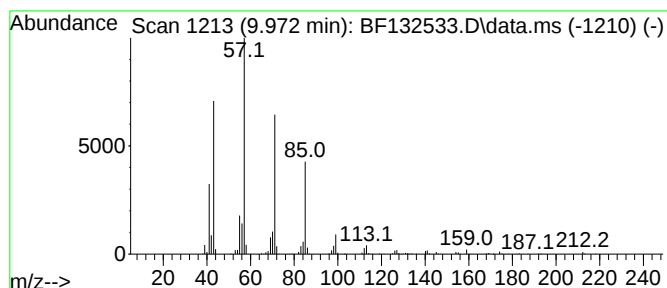
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.972	20.08 ng	997280	Acenaphthene-d10	10.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	83
2			Pentadecane	212	C15H32	000629-62-9	83
3			9-methylheptadecane	254	C18H38	026741-18-4	78
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5			Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
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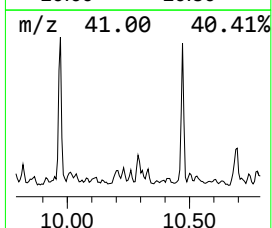
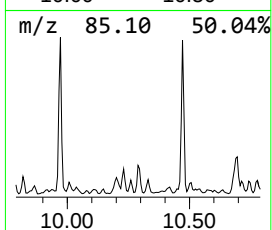
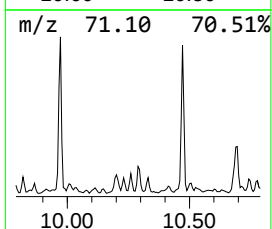
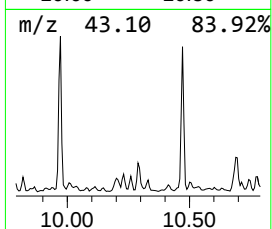
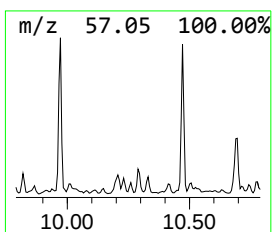
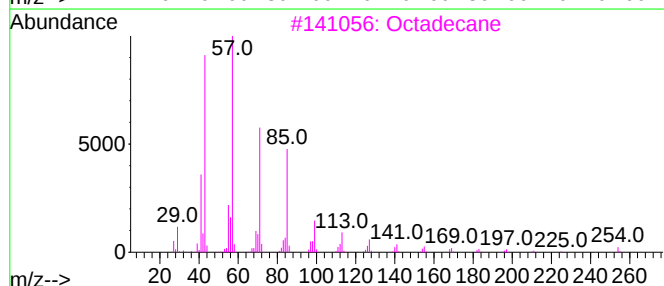
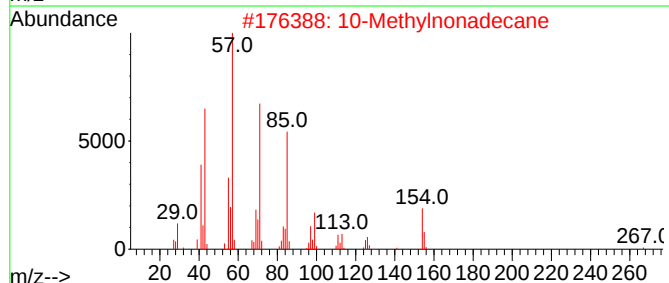
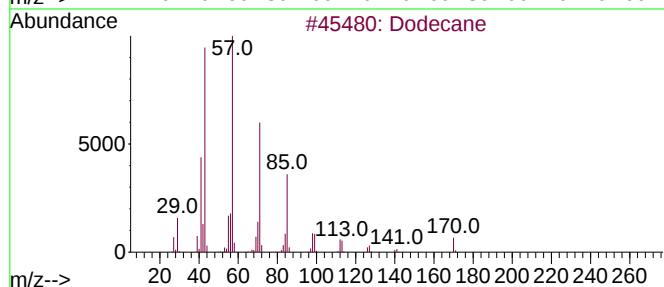
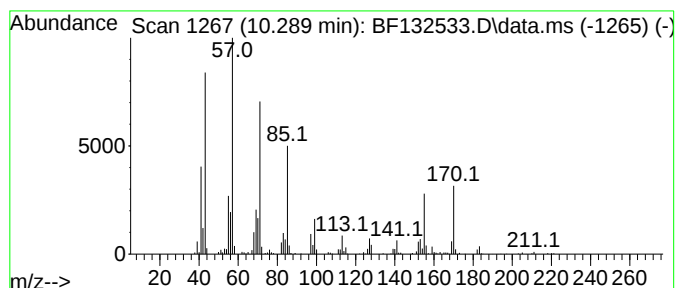
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.289	6.94 ng	344813	Acenaphthene-d10	10.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	76
2			10-Methylnonadecane	282	C20H42	056862-62-5	64
3			Octadecane	254	C18H38	000593-45-3	64
4			Heneicosane	296	C21H44	000629-94-7	64
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-2-022223

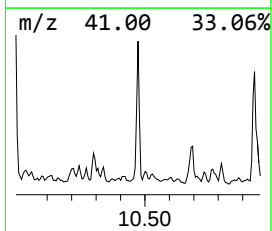
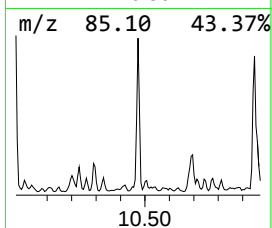
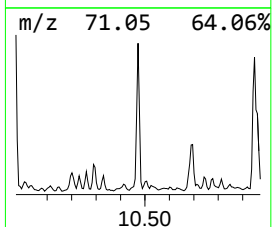
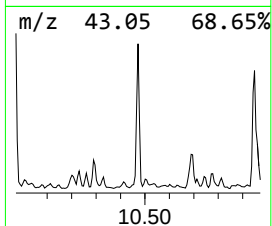
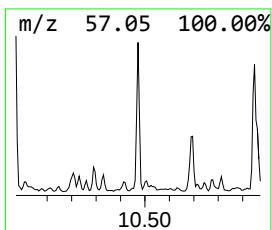
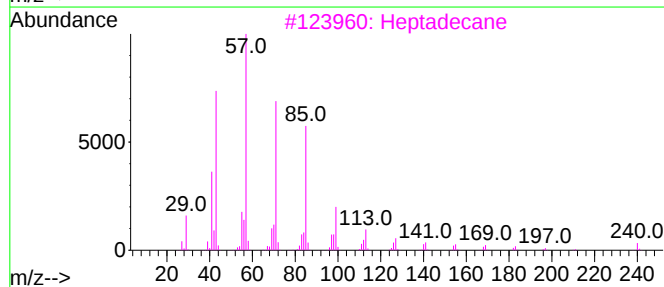
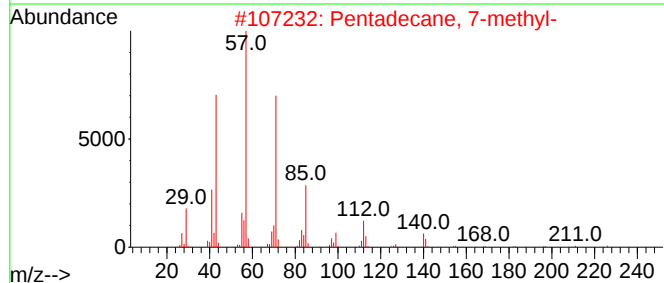
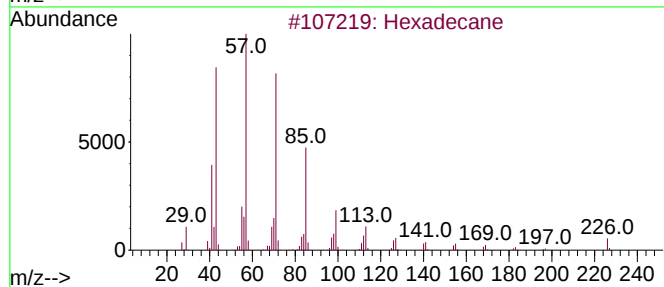
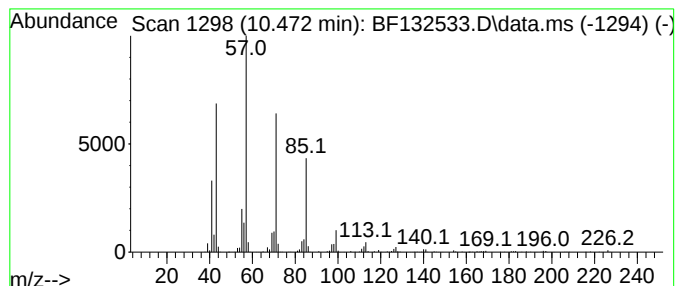
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.472	19.64 ng	975143	Acenaphthene-d10	10.054

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	93
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	93
3		Heptadecane	240	C17H36	000629-78-7	90
4		Heneicosane	296	C21H44	000629-94-7	83
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
Operator : CG\JU
Sample : 01650-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

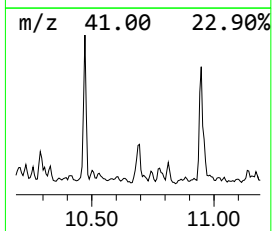
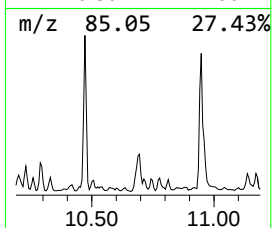
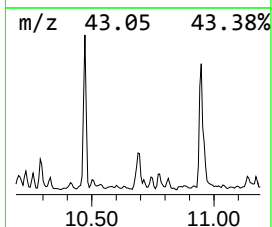
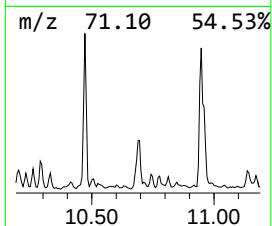
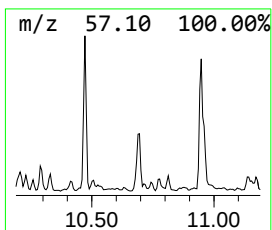
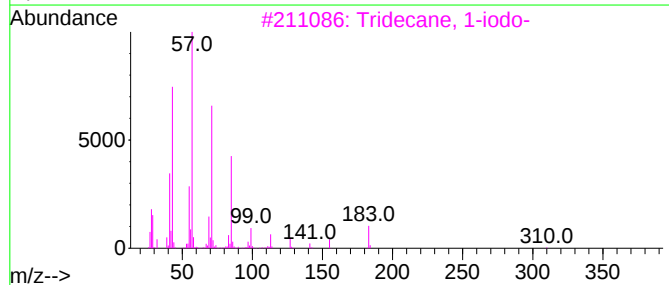
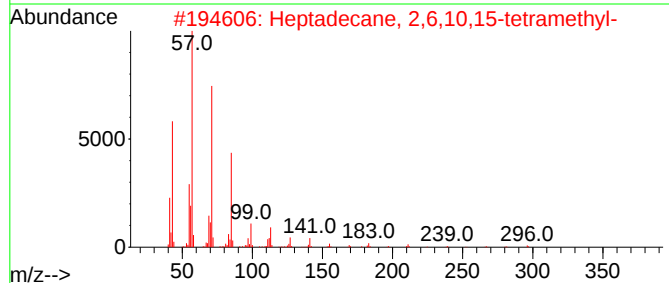
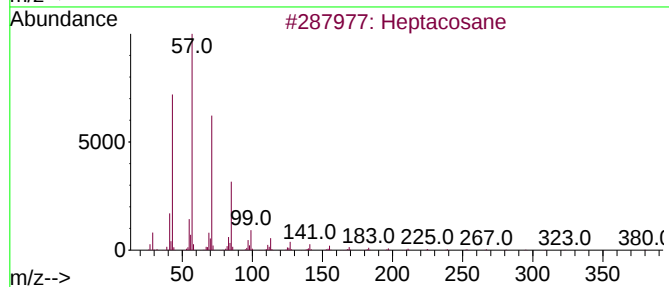
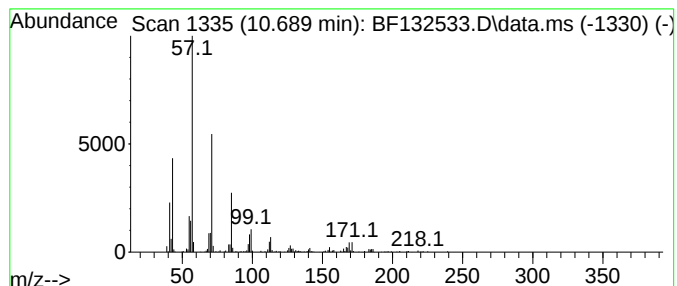
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.689	10.67 ng	529945	Acenaphthene-d10		10.054	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	80
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	64
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	64
4	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	62
5	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-2-022223

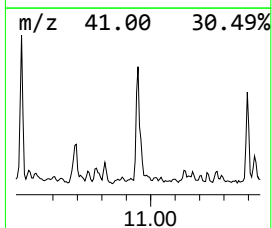
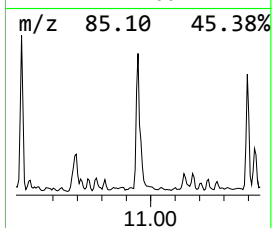
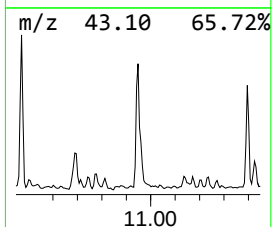
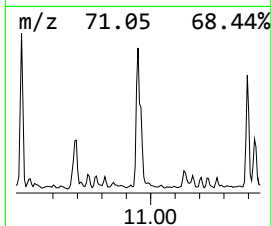
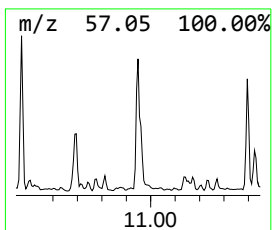
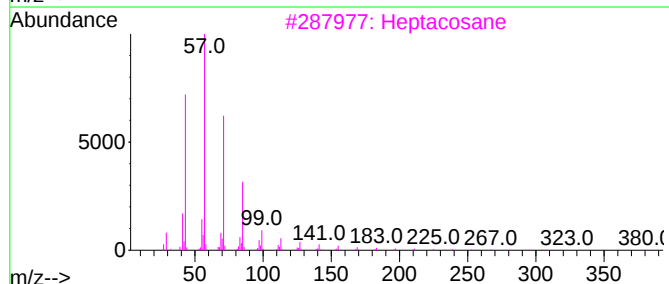
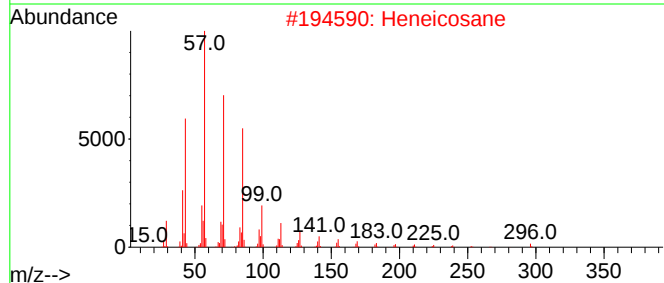
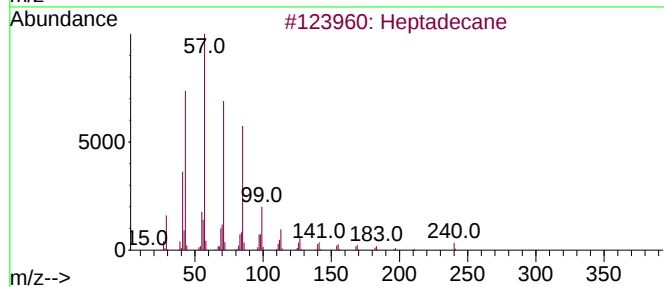
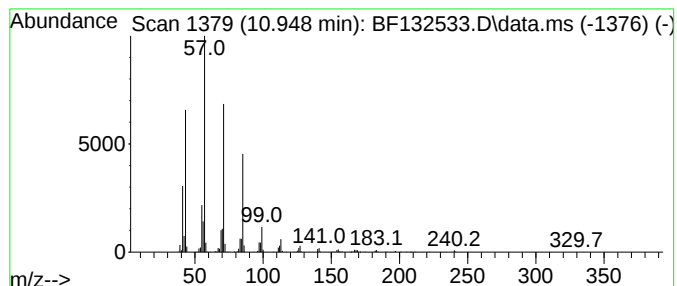
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.948	30.08 ng	1339800	Phenanthrene-d10	11.548

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	97
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
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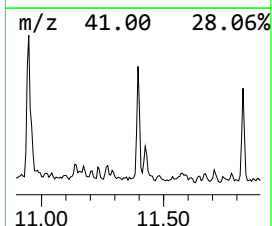
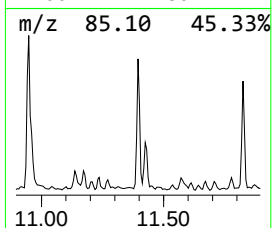
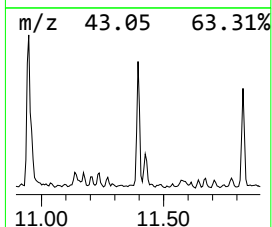
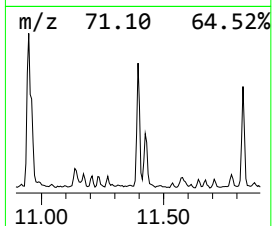
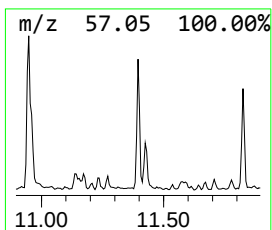
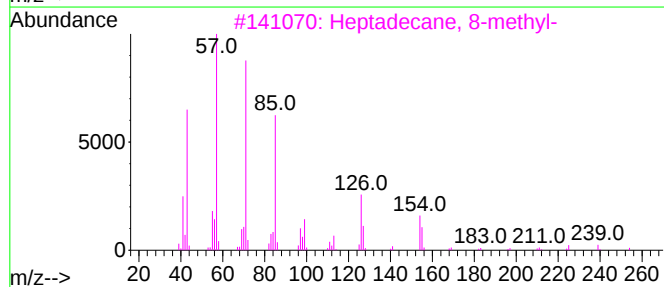
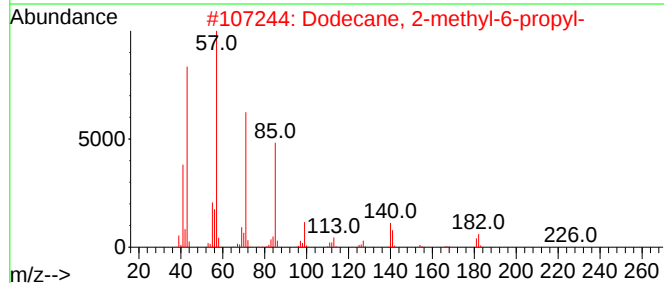
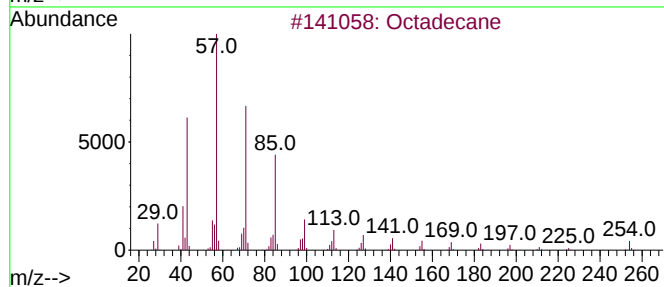
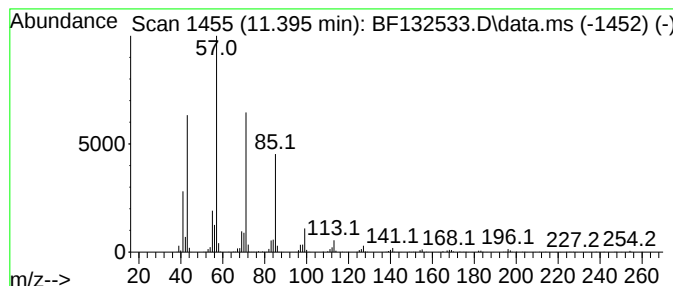
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BU-2-022223

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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 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.395	15.03 ng	669612	Phenanthrene-d10		11.548	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	87
3	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	86
4	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	86
5	Hexadecane		226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
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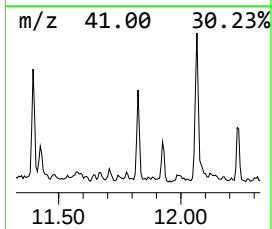
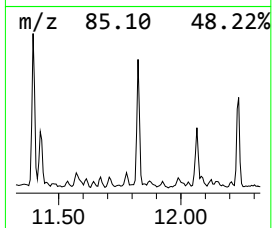
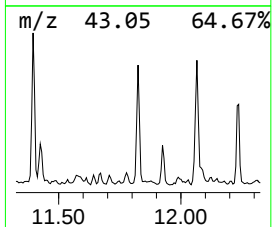
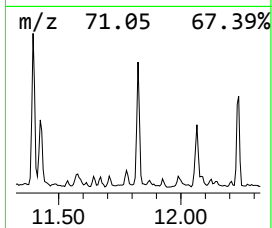
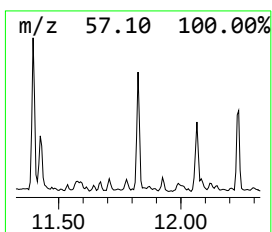
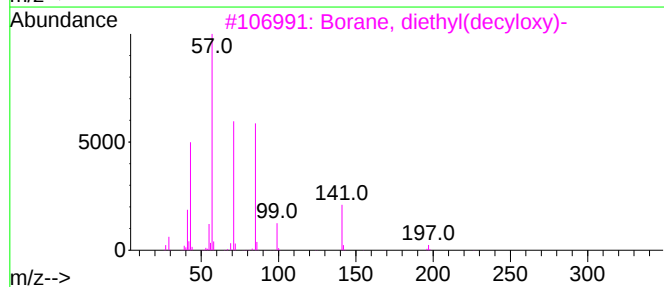
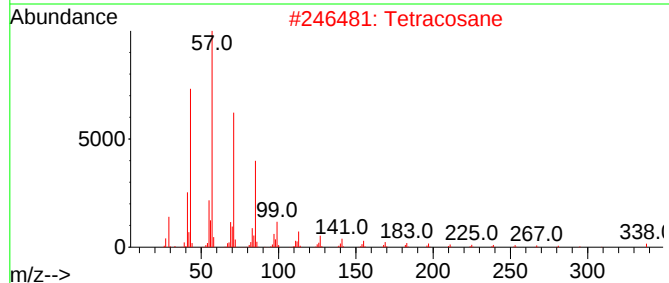
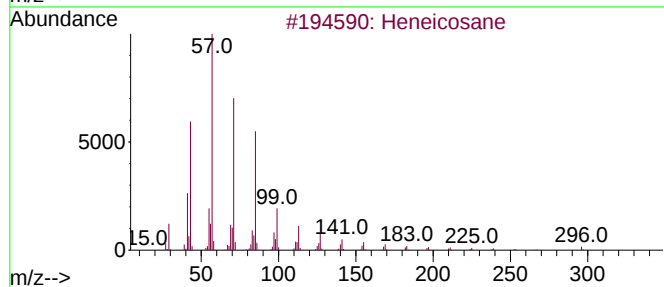
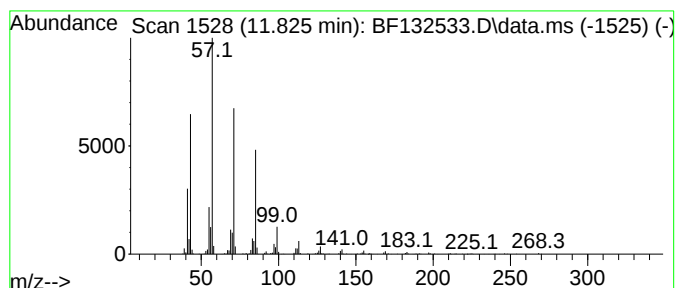
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BU-2-022223

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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 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.825	11.88 ng	529103	Phenanthrene-d10		11.548	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tetracosane		338	C24H50	000646-31-1	86
3	Borane, diethyl(decyloxy)-		226	C14H31BO	1000152-34-3	81
4	Nonane, 5-butyl-		184	C13H28	017312-63-9	81
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
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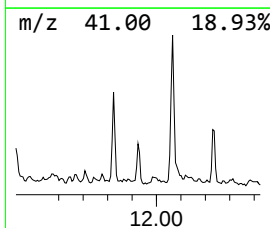
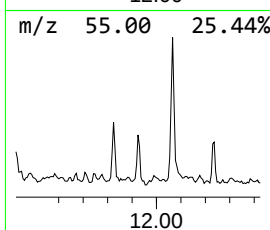
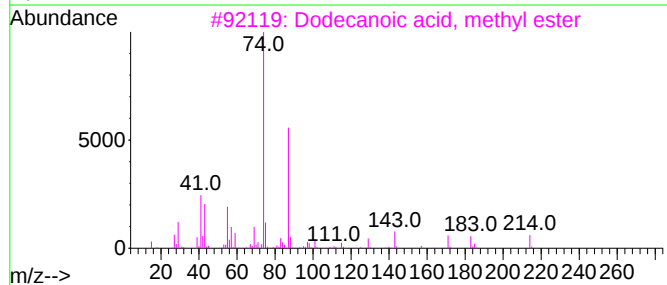
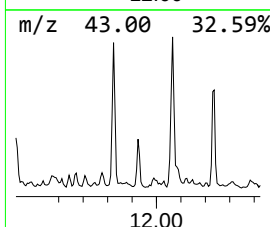
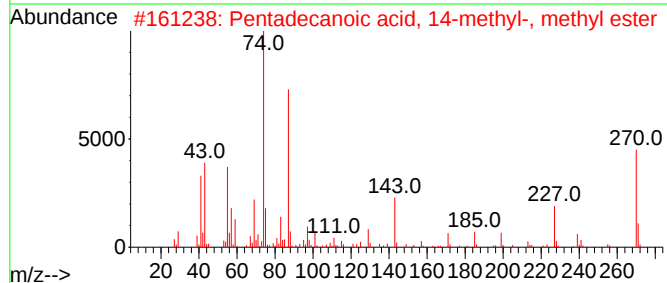
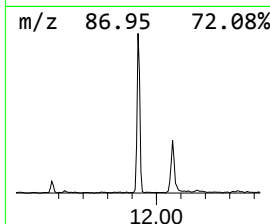
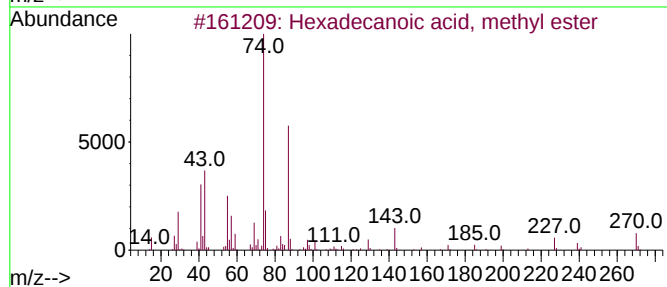
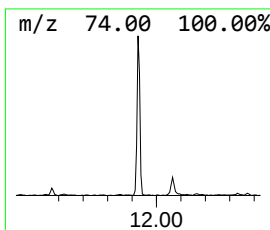
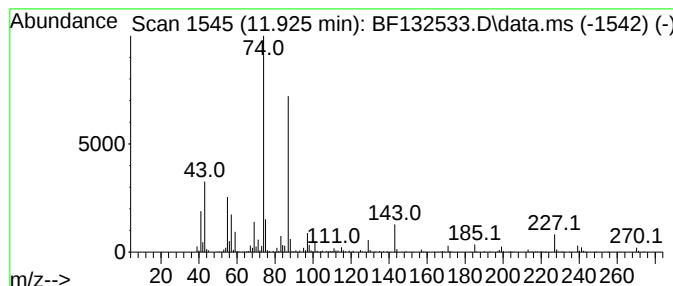
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.925	8.92 ng	397192	Phenanthrene-d10	11.548	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
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Acq On : 23 Feb 2023 22:00
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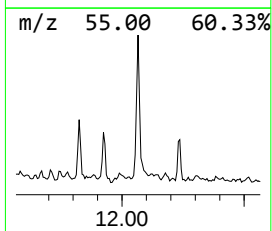
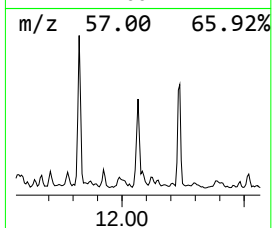
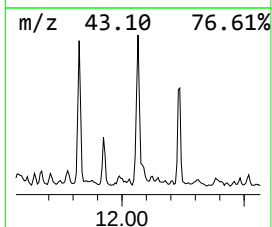
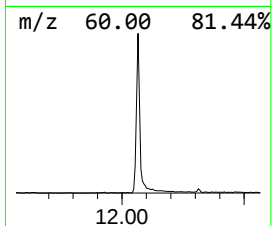
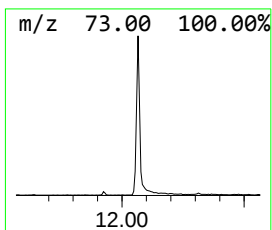
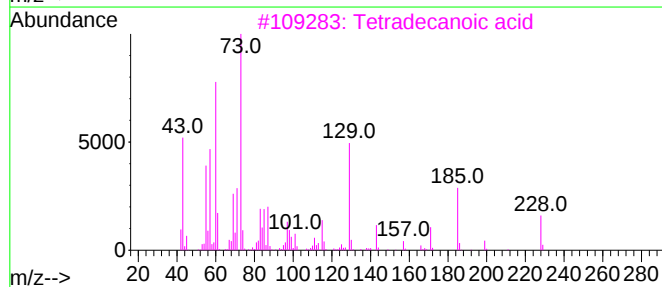
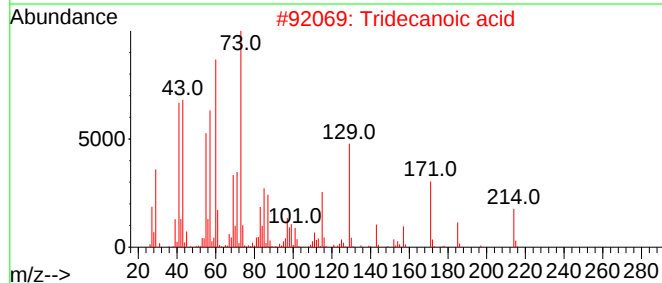
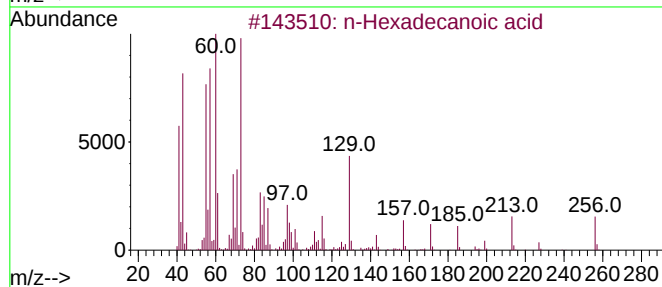
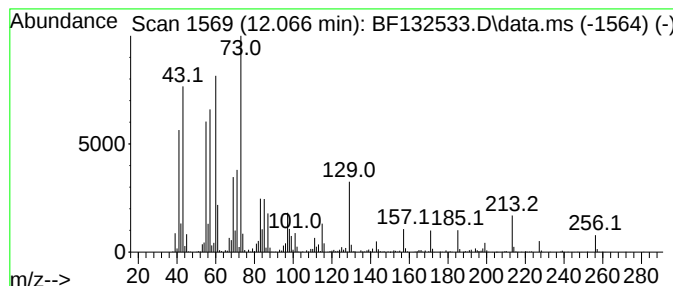
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.066	32.64 ng	1453700	Phenanthrene-d10	11.548	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
Operator : CG\JU
Sample : 01650-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-2-022223

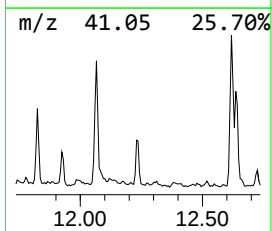
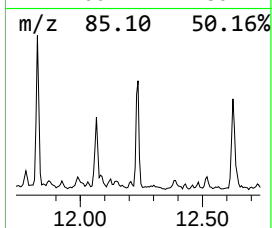
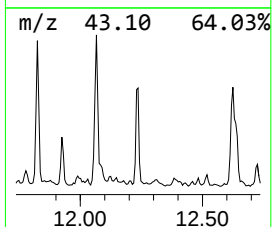
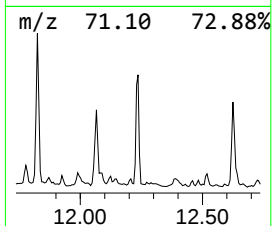
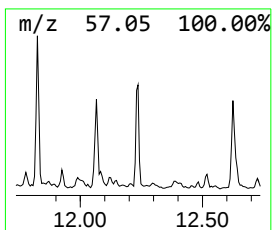
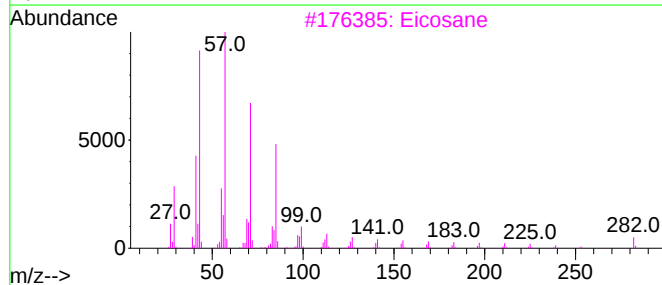
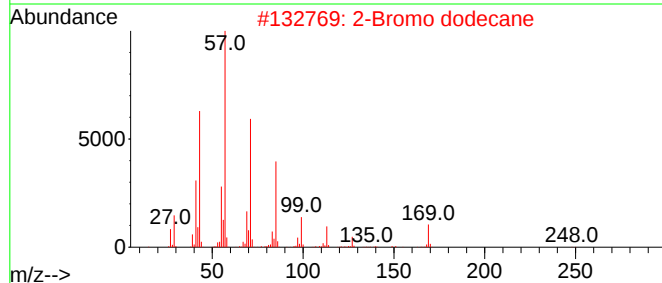
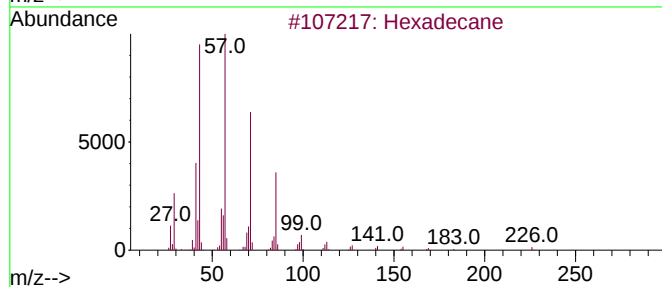
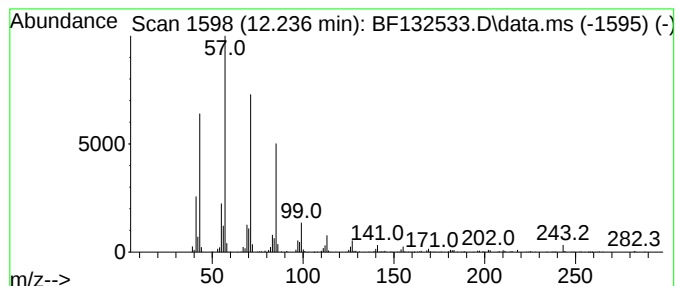
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.236	10.06 ng	447913	Phenanthrene-d10	11.548

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
Operator : CG\JU
Sample : 01650-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

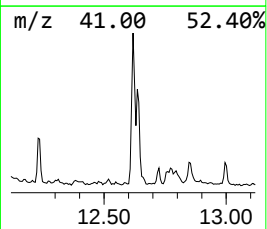
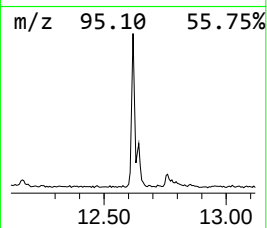
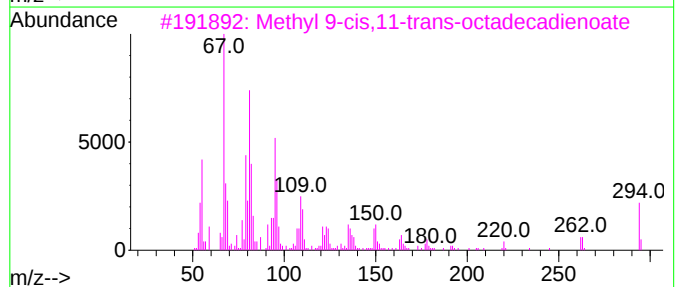
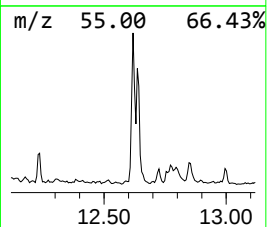
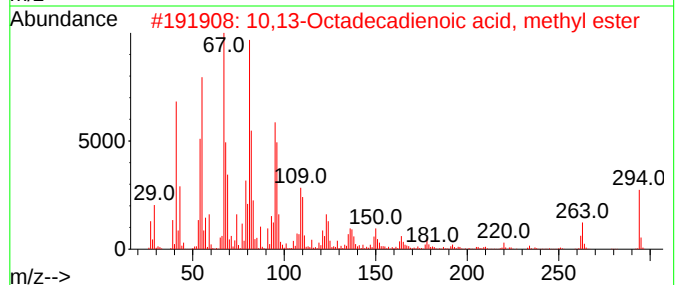
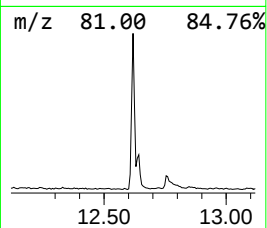
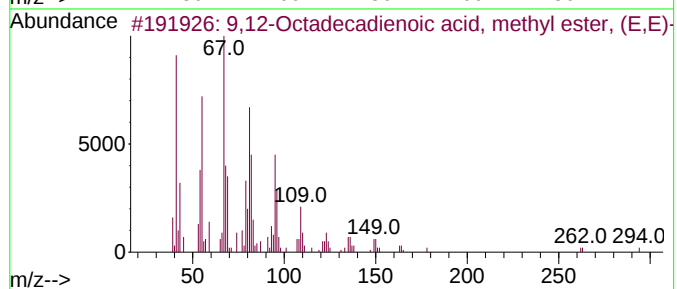
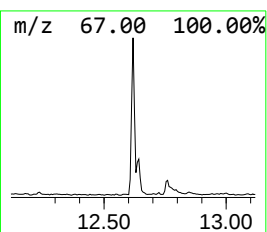
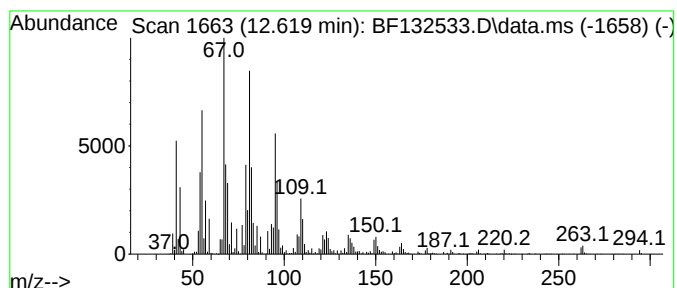
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ClientSampleId :
BU-2-022223

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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 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.619	43.66 ng	1944790	Phenanthrene-d10	11.548
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
2		10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2 99
3		Methyl 9-cis,11-trans-octadecadi...	294 C19H34O2	013058-52-1 99
4		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6 99
5		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
Operator : CG\JU
Sample : 01650-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

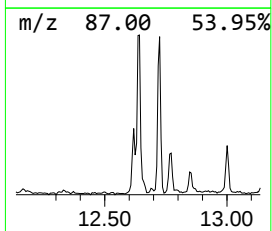
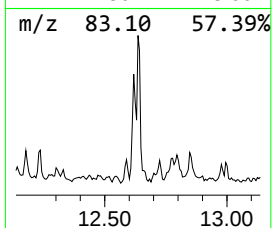
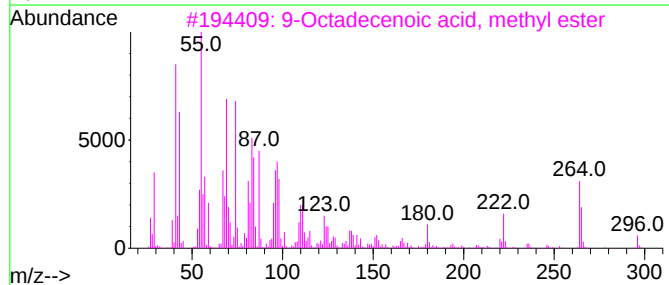
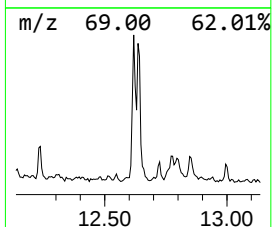
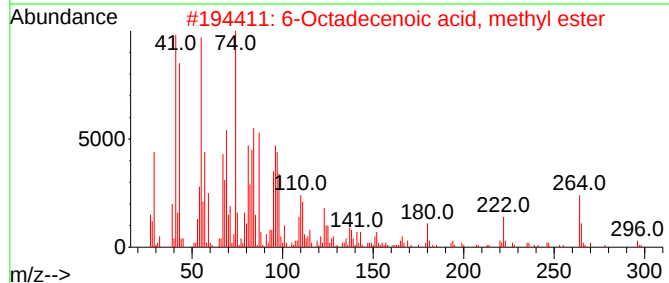
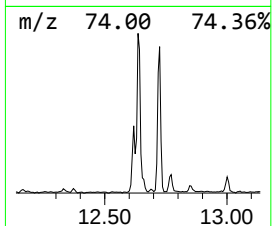
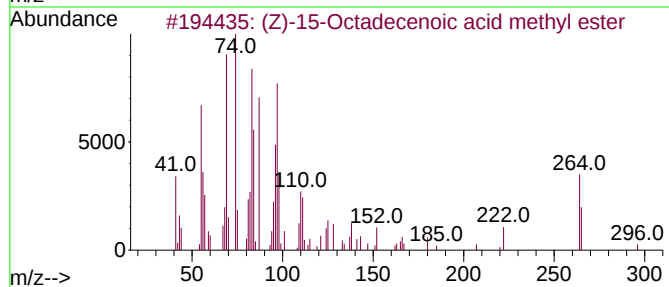
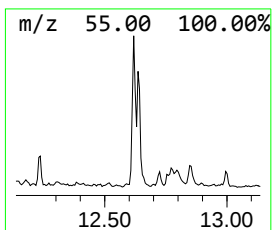
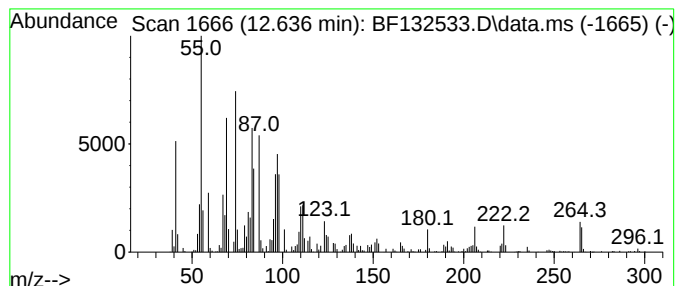
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ClientSampleId :
BU-2-022223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 (Z)-15-Octadecenoic acid me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.636	24.00 ng	1068970	Phenanthrene-d10	11.548	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	93
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	92
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
5	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
Operator : CG\JU
Sample : 01650-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-2-022223

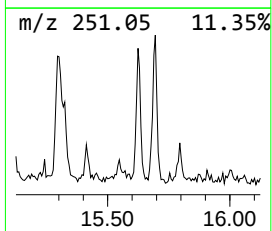
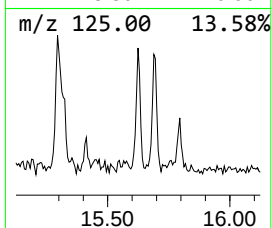
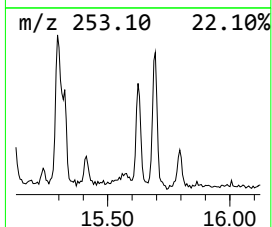
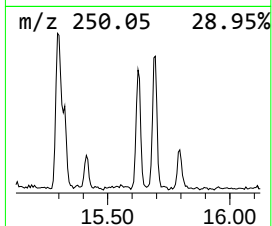
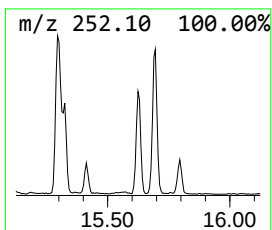
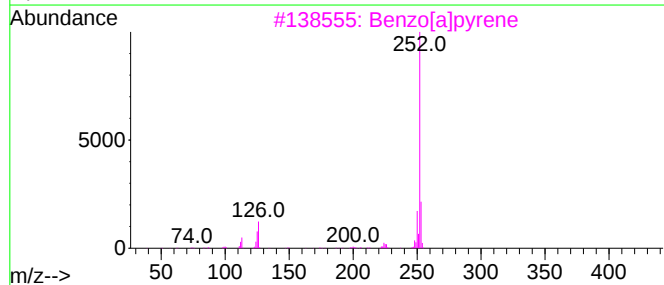
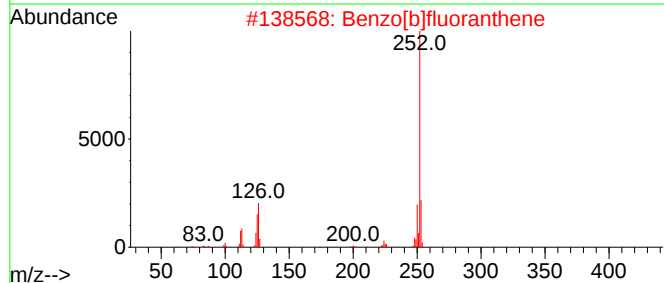
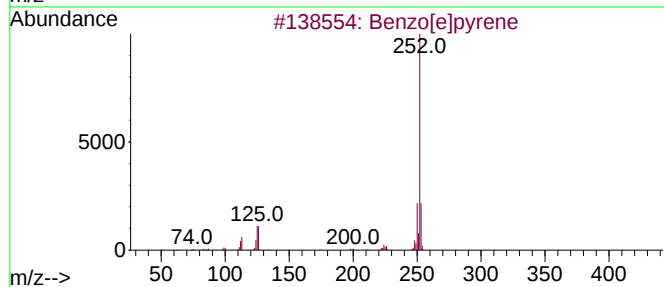
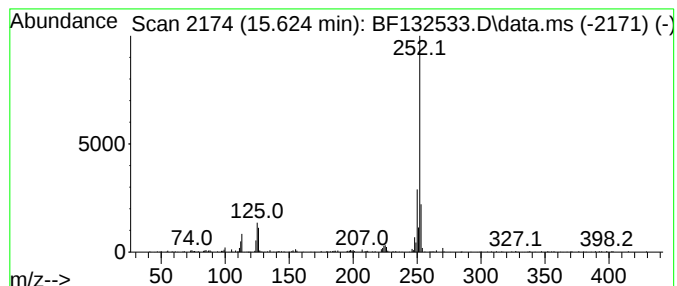
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.624	6.26 ng	203136	Perylene-d12	15.760

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132533.D
 Acq On : 23 Feb 2023 22:00
 Operator : CG\JU
 Sample : 01650-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-2-022223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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
2-Pentanone, 4-...	5.243	29.8	ng	1322670	1	7.007	888958	20.0
unknown8.578	8.578	6.5	ng	367025	2	8.295	1123820	20.0
Naphthalene, 1,...	8.795	6.6	ng	373273	2	8.295	1123820	20.0
Tetradecane	8.872	12.8	ng	721174	2	8.295	1123820	20.0
Hexadecane	9.436	20.0	ng	993320	3	10.054	993258	20.0
unknown9.695	9.695	6.8	ng	339076	3	10.054	993258	20.0
3-Ethyl-2,6,10-...	9.760	10.0	ng	498753	3	10.054	993258	20.0
Pentadecane	9.972	20.1	ng	997280	3	10.054	993258	20.0
Dodecane	10.289	6.9	ng	344813	3	10.054	993258	20.0
Pentadecane, 7-...	10.472	19.6	ng	975143	3	10.054	993258	20.0
Heptacosane	10.689	10.7	ng	529945	3	10.054	993258	20.0
Heptadecane	10.948	30.1	ng	1339800	4	11.548	890855	20.0
Octadecane	11.395	15.0	ng	669612	4	11.548	890855	20.0
Heneicosane	11.825	11.9	ng	529103	4	11.548	890855	20.0
Hexadecanoic ac...	11.925	8.9	ng	397192	4	11.548	890855	20.0
n-Hexadecanoic ...	12.066	32.6	ng	1453700	4	11.548	890855	20.0
2-Bromo dodecane	12.236	10.1	ng	447913	4	11.548	890855	20.0
9,12-Octadecadi...	12.619	43.7	ng	1944790	4	11.548	890855	20.0
(Z)-15-Octadece...	12.636	24.0	ng	1068970	4	11.548	890855	20.0
Benzo[e]pyrene	15.624	6.3	ng	203136	6	15.760	649109	20.0