

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127828.D
 Acq On : 18 Apr 2022 16:36
 Operator : CG\JU
 Sample : N2444-05 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4D

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-BF040622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127828.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.192	659	664	665	rBV	750338	856098	8.83%	0.363%
2	6.486	709	714	722	rBV3	738961	1091391	11.26%	0.463%
3	6.686	744	748	753	rBV4	536118	903492	9.32%	0.384%
4	6.951	790	793	796	rVB	1855934	1702789	17.56%	0.723%
5	7.057	805	811	814	rBV3	443734	742827	7.66%	0.315%
6	7.092	814	817	821	rBV2	1115321	1181032	12.18%	0.501%
7	7.345	857	860	862	rBV2	896409	766819	7.91%	0.325%
8	7.481	877	883	886	rBV3	2240730	2673424	27.58%	1.135%
9	7.522	886	890	893	rVB4	983814	1139710	11.76%	0.484%
10	7.592	897	902	905	rBV4	1036432	1699511	17.53%	0.721%
11	7.639	905	910	914	rBV3	746913	1199507	12.37%	0.509%
12	7.716	921	923	927	rVB3	1055734	981870	10.13%	0.417%
13	7.757	927	930	935	rVB3	1206394	1381616	14.25%	0.586%
14	7.833	938	943	944	rBV3	817635	1130231	11.66%	0.480%
15	7.875	947	950	953	rBV4	1231572	1090134	11.24%	0.463%
16	7.904	953	955	959	rVB3	819028	773202	7.98%	0.328%
17	7.969	963	966	975	rVB2	2255990	2815999	29.05%	1.195%
18	8.045	976	979	983	rBV4	725780	932208	9.62%	0.396%
19	8.098	985	988	991	rBV2	1036827	1039361	10.72%	0.441%
20	8.222	1005	1009	1011	rBV2	1187535	1473456	15.20%	0.625%
21	8.286	1017	1020	1023	rVB2	3314342	3602496	37.16%	1.529%
22	8.322	1023	1026	1028	rBV2	1376378	1453507	14.99%	0.617%
23	8.433	1042	1045	1051	rVB3	1622828	1594903	16.45%	0.677%
24	8.522	1056	1060	1064	rVB3	2144215	2942561	30.35%	1.249%
25	8.622	1073	1077	1079	rBV	1976417	1963715	20.25%	0.834%
26	8.657	1079	1083	1085	rBV	3834432	3845437	39.66%	1.632%
27	8.704	1088	1091	1094	rVB	1403700	1317253	13.59%	0.559%
28	8.745	1094	1098	1100	rBV	2905226	2637997	27.21%	1.120%
29	8.828	1109	1112	1115	rBV2	1537421	1789441	18.46%	0.760%
30	8.869	1115	1119	1121	rBV4	959201	1293292	13.34%	0.549%
31	8.986	1136	1139	1141	rBV2	1048802	883919	9.12%	0.375%
32	9.016	1141	1144	1146	rBV4	1042859	1310532	13.52%	0.556%
33	9.063	1146	1152	1154	rVV2	5762653	6726514	69.38%	2.855%
34	9.145	1163	1166	1169	rVB3	1936540	1949300	20.11%	0.827%
35	9.180	1169	1172	1175	rBV3	970990	1243714	12.83%	0.528%
36	9.257	1179	1185	1188	rVV	4224904	5227174	53.92%	2.219%

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37	9.398	1205	1209	1214	rBV3	1610041	2777065	28.64%	1.179%
38	9.439	1214	1216	1217	rVV2	1016706	957953	9.88%	0.407%
39	9.469	1219	1221	1224	rVV2	1869813	1878205	19.37%	0.797%
40	9.516	1226	1229	1235	rVV	2685038	3885687	40.08%	1.649%
41	9.586	1237	1241	1245	rVB	4263583	5420142	55.91%	2.301%
42	9.669	1250	1255	1258	rVV	5340158	9695090	100.00%	4.115%
43	9.704	1258	1261	1262	rVV	5069927	6266951	64.64%	2.660%
44	9.716	1262	1263	1266	rVV2	6604317	5282423	54.49%	2.242%
45	9.745	1266	1268	1270	rVV2	1159618	1109953	11.45%	0.471%
46	9.786	1270	1275	1276	rVV	3404456	3858826	39.80%	1.638%
47	9.869	1285	1289	1291	rVV2	3120185	3016426	31.11%	1.280%
48	9.916	1294	1297	1299	rVB2	1801965	1571845	16.21%	0.667%
49	9.986	1306	1309	1314	rVB5	1211957	1684643	17.38%	0.715%
50	10.039	1314	1318	1320	rBV3	1301745	1617459	16.68%	0.687%
51	10.110	1326	1330	1334	rBV	3150691	4931290	50.86%	2.093%
52	10.151	1334	1337	1340	rVV3	1453533	1798316	18.55%	0.763%
53	10.210	1340	1347	1350	rVV2	4058256	5639045	58.16%	2.394%
54	10.251	1350	1354	1363	rVB3	4826694	6494501	66.99%	2.757%
55	10.322	1363	1366	1369	rBV	3219159	3897593	40.20%	1.654%
56	10.351	1369	1371	1377	rVB3	3095799	3704741	38.21%	1.573%
57	10.416	1377	1382	1384	rBV2	2817583	4216187	43.49%	1.790%
58	10.551	1399	1405	1407	rBV4	2028714	3086368	31.83%	1.310%
59	10.580	1407	1410	1413	rVV4	1787432	2606215	26.88%	1.106%
60	10.645	1416	1421	1423	rVV2	4898530	7377182	76.09%	3.131%
61	10.698	1427	1430	1432	rVV2	1373997	1840343	18.98%	0.781%
62	10.769	1436	1442	1444	rBV4	1373199	1970205	20.32%	0.836%
63	10.792	1444	1446	1447	rVV	1112569	846019	8.73%	0.359%
64	10.827	1450	1452	1457	rVB3	1419358	1457588	15.03%	0.619%
65	10.922	1462	1468	1471	rBV2	6869750	8539896	88.08%	3.625%
66	10.992	1477	1480	1482	rBV	1325776	1127268	11.63%	0.479%
67	11.092	1494	1497	1501	rBV5	969409	1521802	15.70%	0.646%
68	11.139	1502	1505	1507	rVB2	1847173	1640101	16.92%	0.696%
69	11.221	1516	1519	1520	rBV2	1119342	1032521	10.65%	0.438%
70	11.257	1520	1525	1529	rVV4	1505094	2983574	30.77%	1.266%
71	11.298	1530	1532	1535	rVB3	988108	859981	8.87%	0.365%
72	11.380	1542	1546	1552	rVB3	3567485	4963829	51.20%	2.107%
73	11.498	1562	1566	1568	rBV3	1121001	1411864	14.56%	0.599%
74	11.527	1568	1571	1573	rVB	2156630	2019368	20.83%	0.857%
75	11.610	1582	1585	1587	rBV3	931700	961362	9.92%	0.408%
76	11.651	1590	1592	1596	rVB3	582080	780194	8.05%	0.331%

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77	11.727	1602	1605	1608	rBV2	1840346	2055521	21.20%	0.873%
78	11.821	1617	1621	1633	rVB4	1342174	3741542	38.59%	1.588%
79	11.910	1633	1636	1639	rBV2	780830	1072255	11.06%	0.455%
80	12.004	1648	1652	1654	rBV	2661811	2766066	28.53%	1.174%
81	12.033	1654	1657	1660	rVB	3518659	3438567	35.47%	1.460%
82	12.080	1660	1665	1668	rBV4	1028127	2068658	21.34%	0.878%
83	12.110	1668	1670	1673	rVV2	2344606	2628813	27.11%	1.116%
84	12.139	1673	1675	1681	rVB	1940727	1748731	18.04%	0.742%
85	12.445	1720	1727	1729	rBV2	1685078	2596276	26.78%	1.102%
86	12.474	1729	1732	1734	rVV	1937355	2253239	23.24%	0.956%
87	12.498	1734	1736	1739	rVB	1392653	1311124	13.52%	0.557%
88	12.557	1742	1746	1748	rVV	3174459	3790917	39.10%	1.609%
89	12.586	1748	1751	1753	rVV	1569597	1933868	19.95%	0.821%
90	12.610	1753	1755	1757	rVV	1254773	962915	9.93%	0.409%
91	12.639	1757	1760	1763	rVV	1234175	1463597	15.10%	0.621%
92	12.668	1763	1765	1769	rVB3	689041	770371	7.95%	0.327%
93	12.868	1796	1799	1801	rVV2	753179	863936	8.91%	0.367%
94	12.892	1801	1803	1807	rVB2	1066180	982597	10.13%	0.417%
95	12.957	1812	1814	1818	rVB	1322434	1414759	14.59%	0.601%
96	12.998	1818	1821	1824	rVB	1944313	1985926	20.48%	0.843%
97	13.051	1824	1830	1832	rBV3	889705	1361500	14.04%	0.578%
98	13.098	1836	1838	1842	rVB3	719831	818375	8.44%	0.347%
99	14.139	2012	2015	2018	rBV	694392	728430	7.51%	0.309%
100	15.662	2270	2274	2279	rVB	602100	737578	7.61%	0.313%

Sum of corrected areas: 235582014

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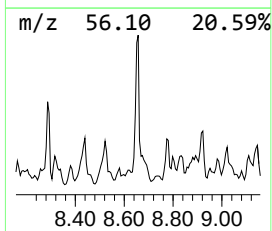
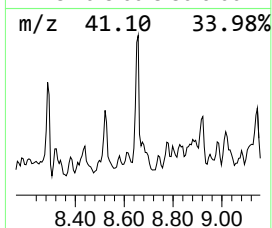
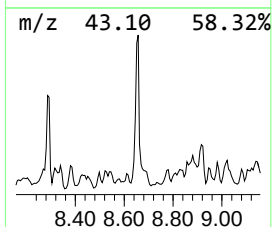
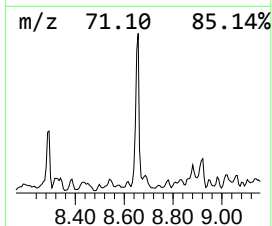
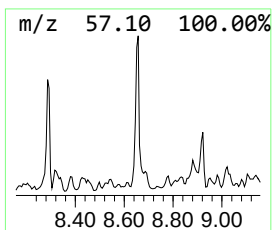
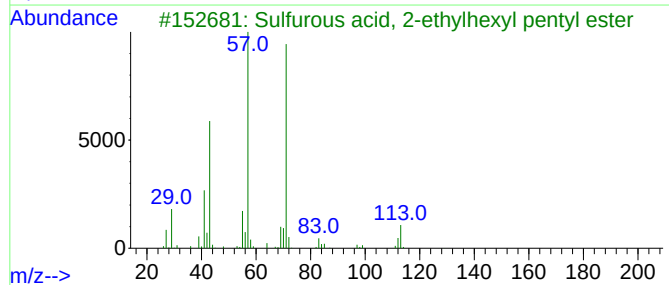
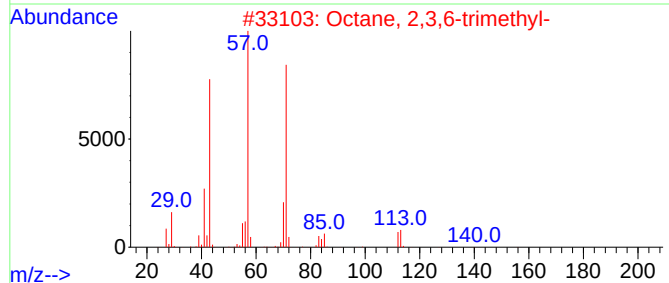
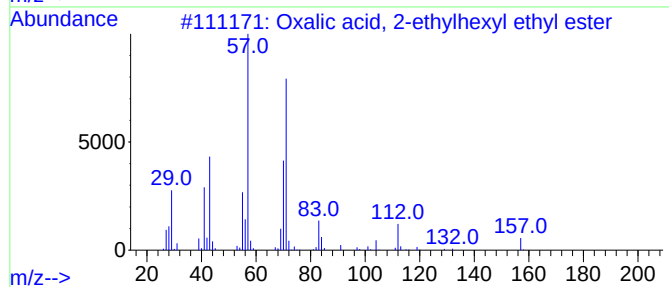
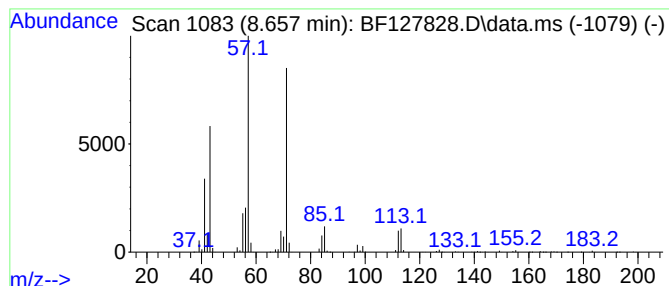
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Oxalic acid, 2-ethylhexyl e... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.657	52.20 ng	3845440	Naphthalene-d8	8.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
2			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
3			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
4			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59



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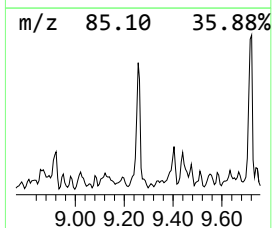
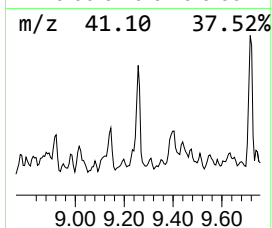
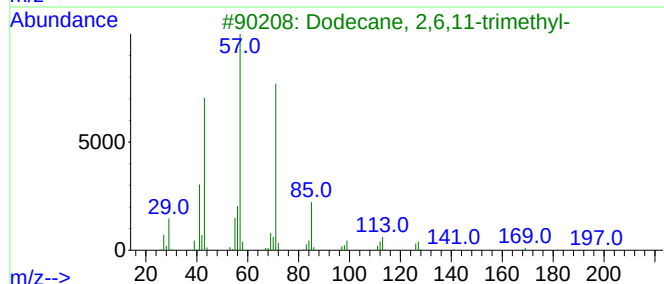
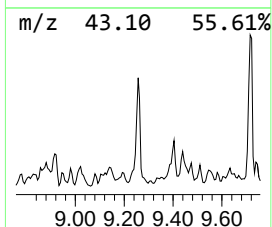
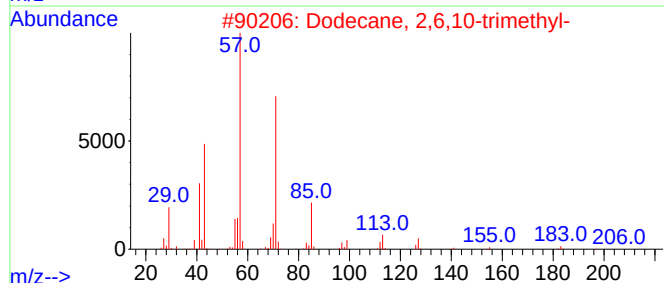
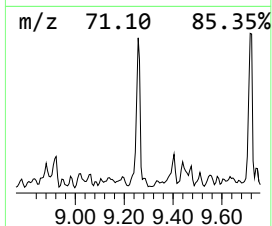
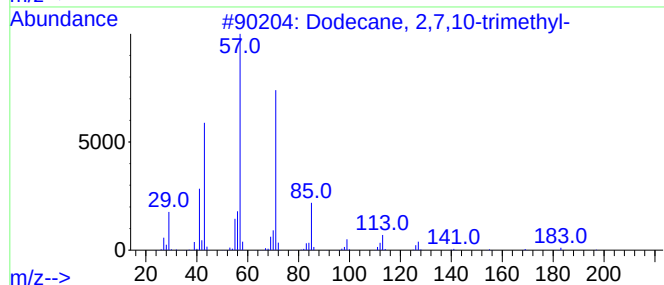
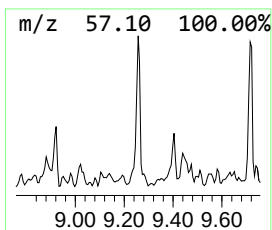
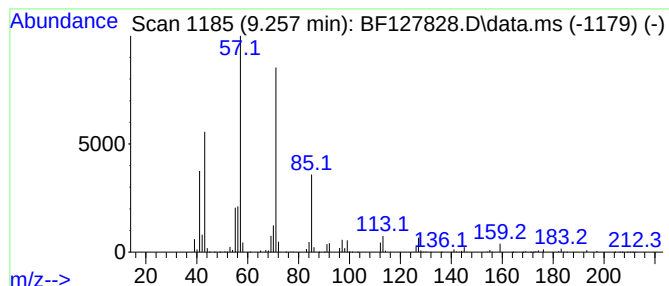
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	62.06 ng	5227170	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53
5			Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	53



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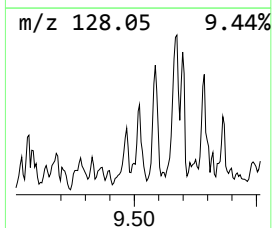
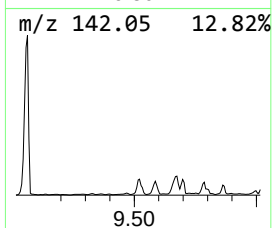
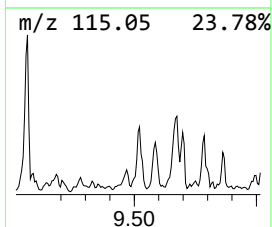
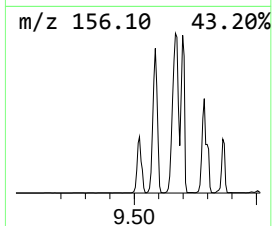
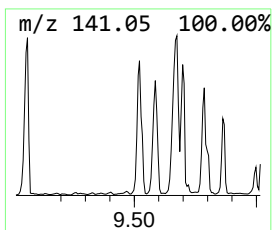
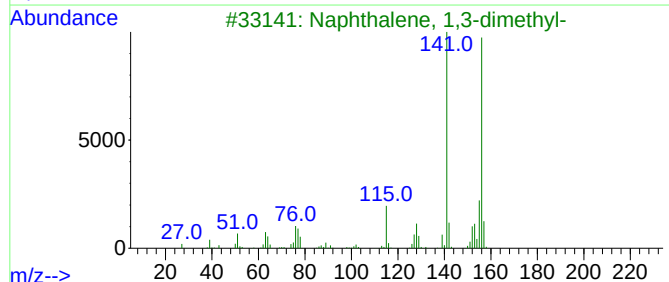
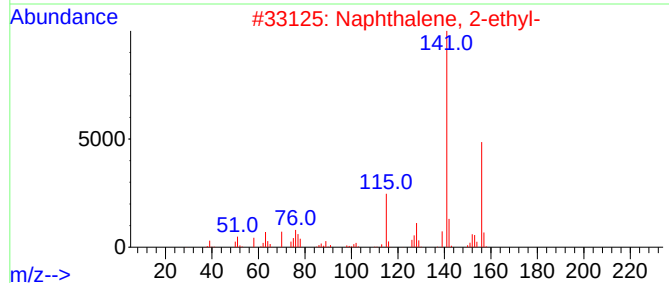
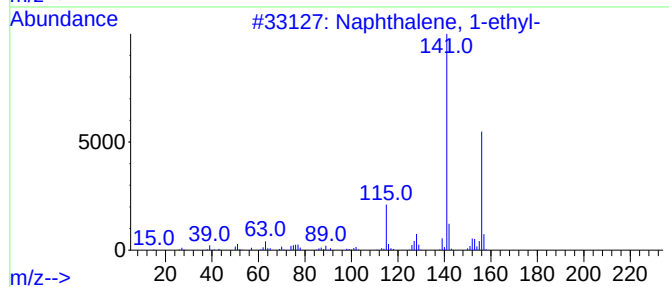
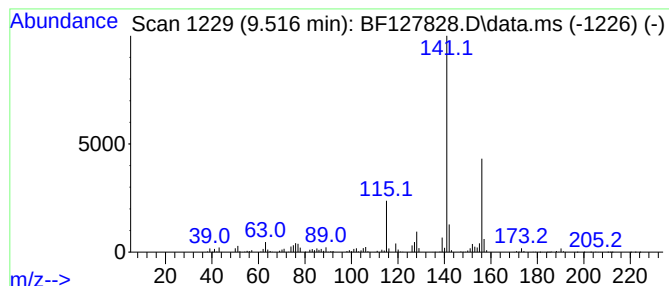
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	46.13 ng	3885690	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
Operator : CG\JU
Sample : N2444-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4D

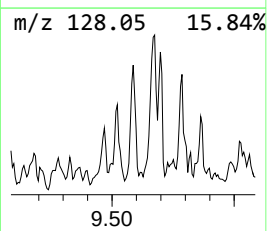
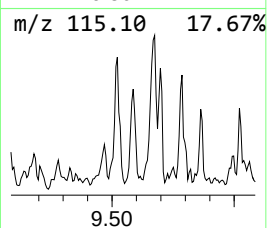
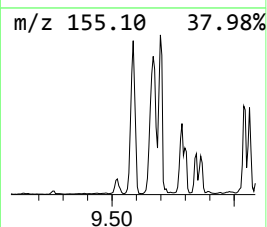
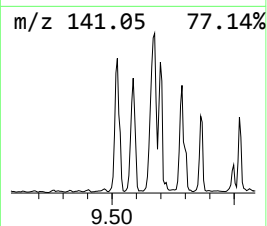
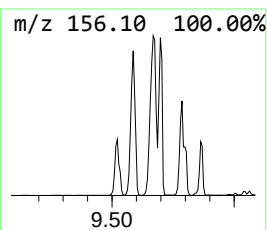
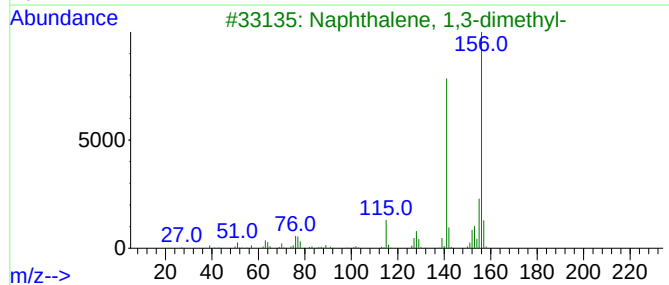
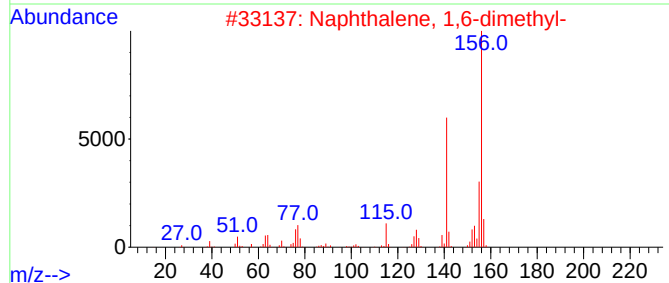
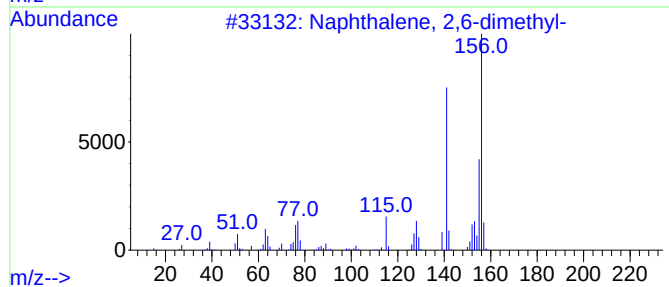
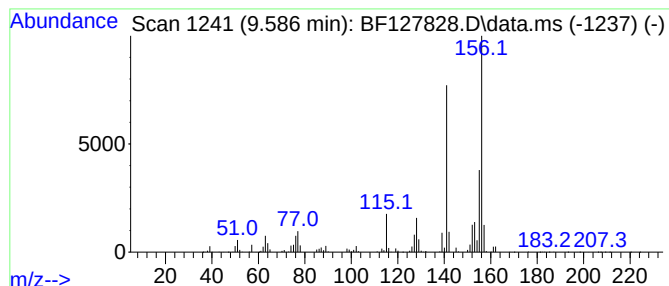
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	64.35 ng	5420140	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
Operator : CG\JU
Sample : N2444-05 10X
Misc :
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Instrument :
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ClientSampleId :
SB-4D

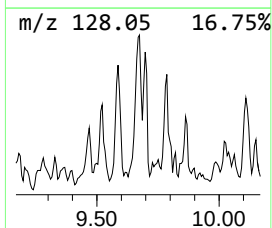
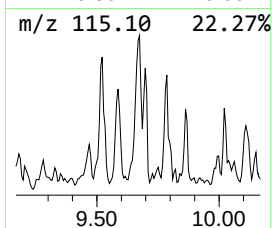
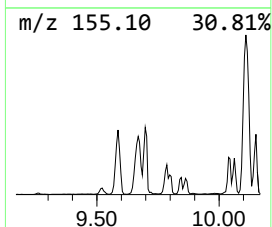
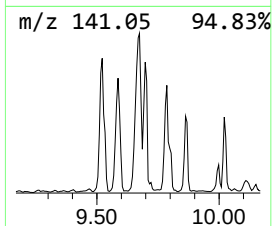
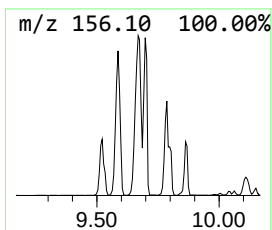
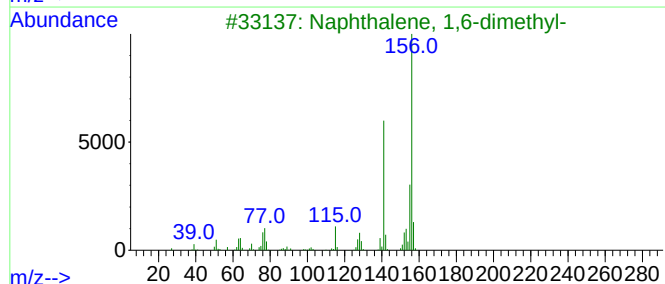
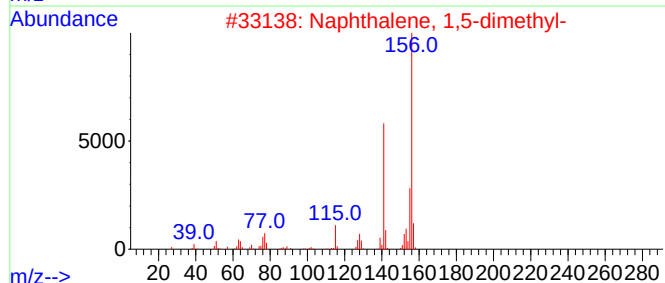
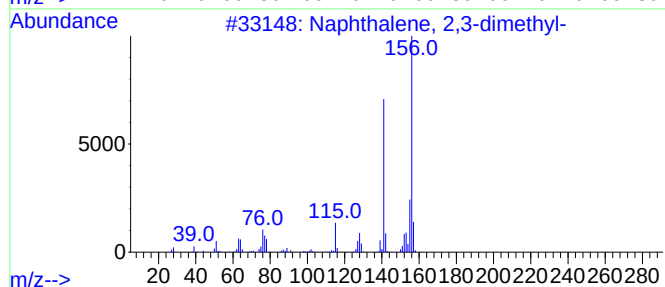
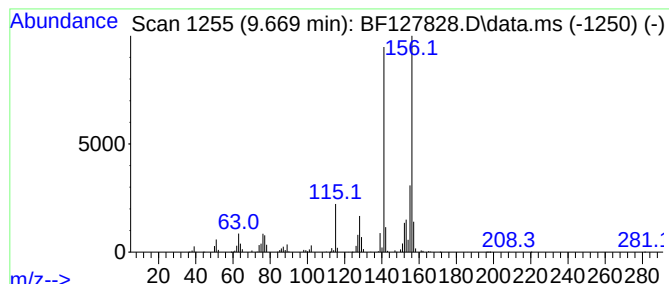
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	115.10 ng	9695090	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
Operator : CG\JU
Sample : N2444-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4D

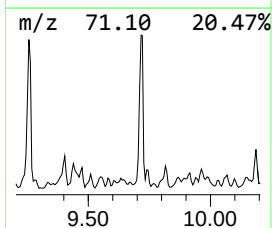
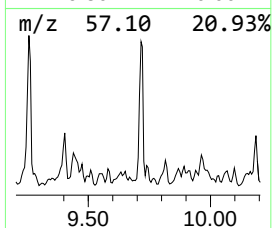
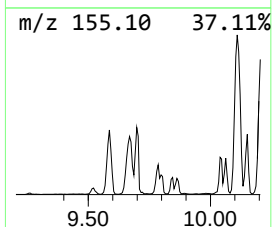
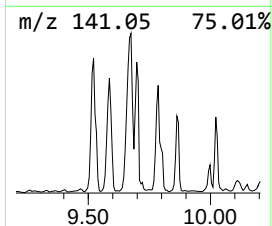
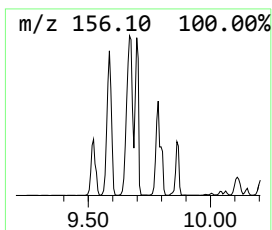
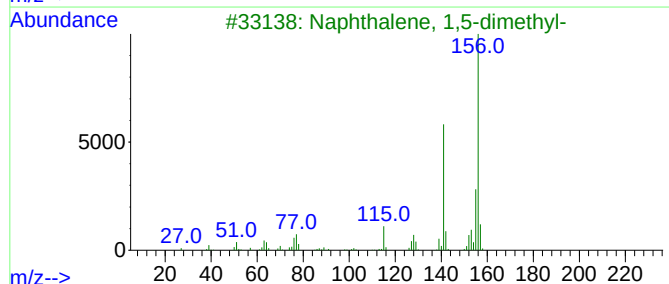
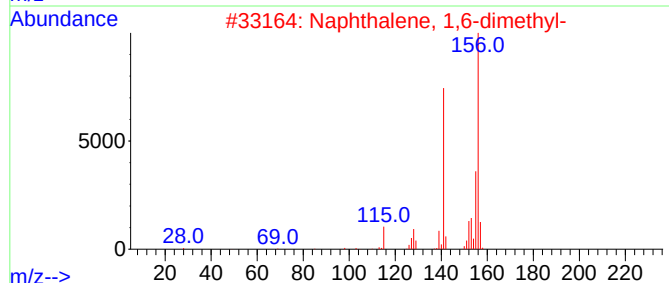
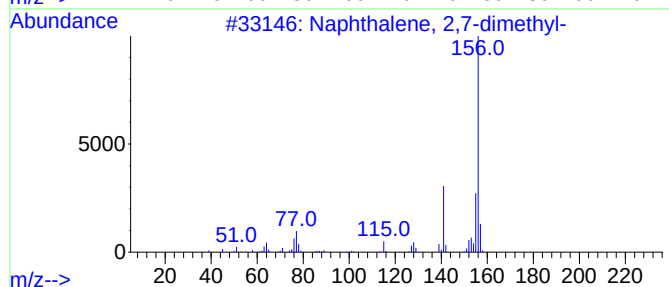
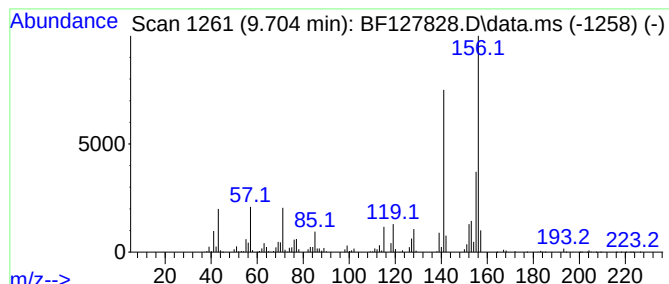
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	74.40 ng	6266950	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
Operator : CG\JU
Sample : N2444-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4D

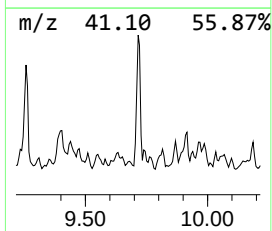
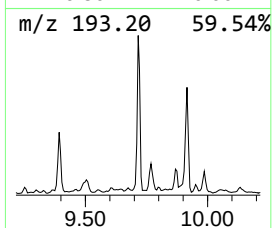
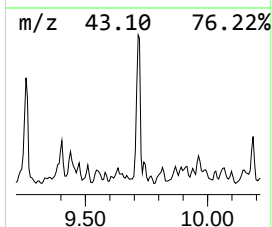
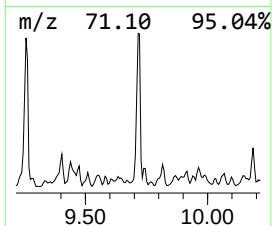
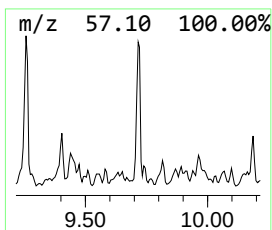
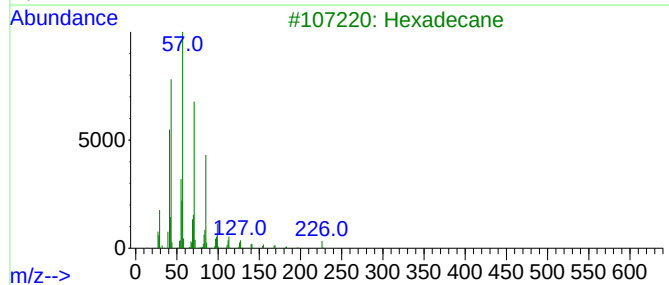
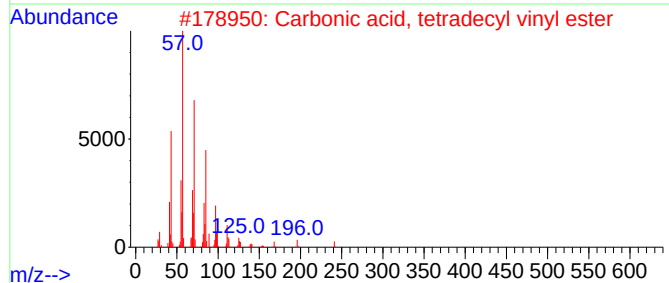
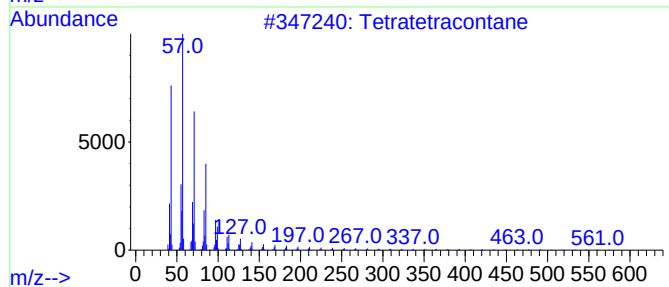
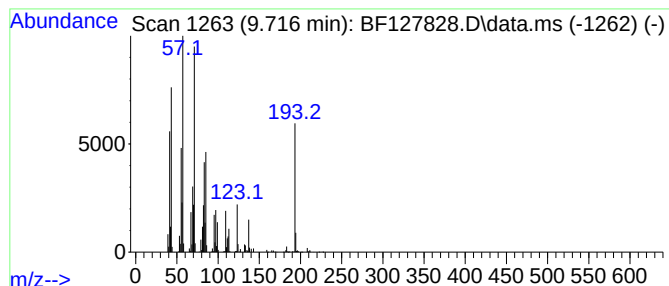
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.716 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	62.71 ng	5282420	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	46
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	43
3			Hexadecane	226	C16H34	000544-76-3	38
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
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Sample : N2444-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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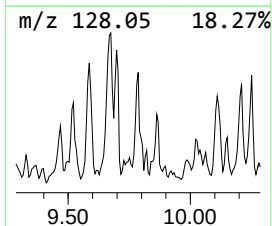
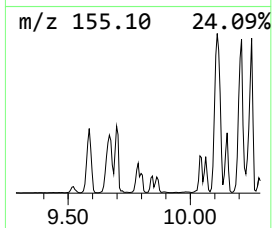
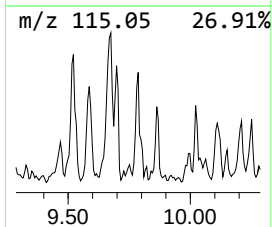
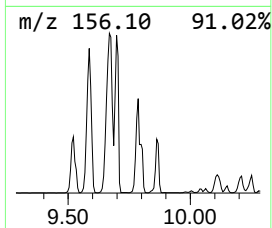
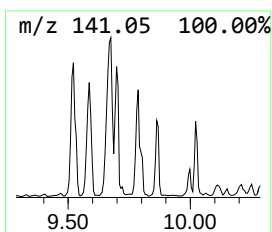
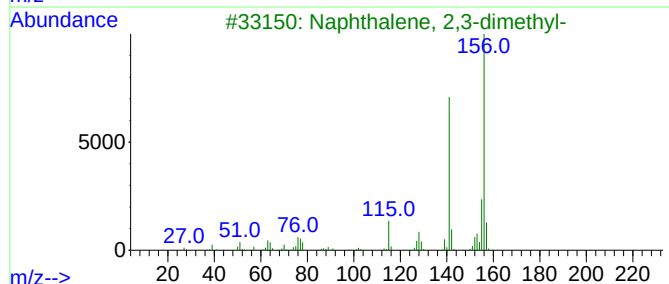
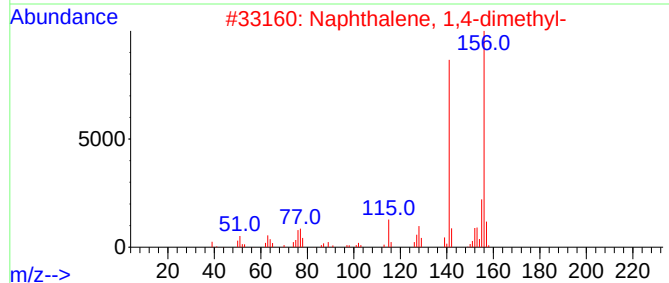
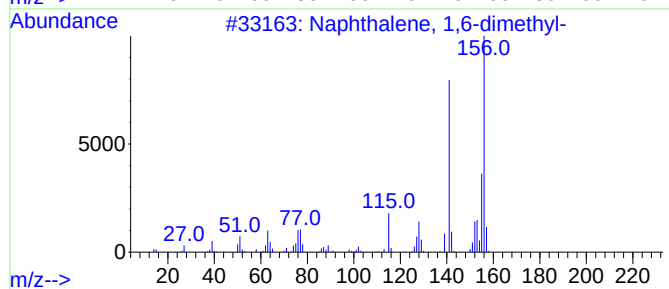
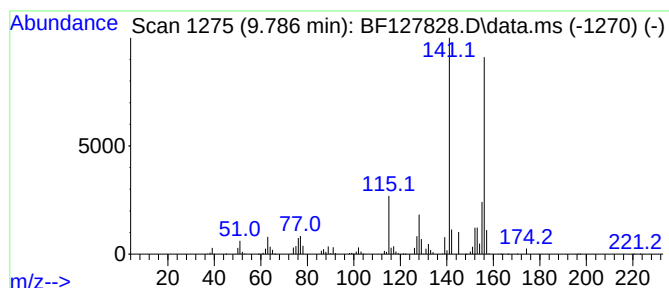
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	45.81 ng	3858830	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
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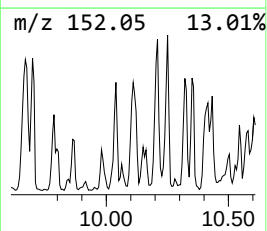
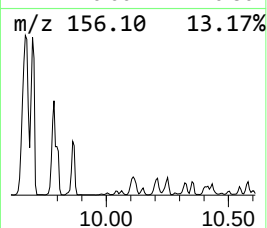
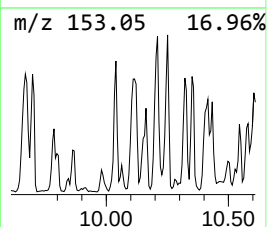
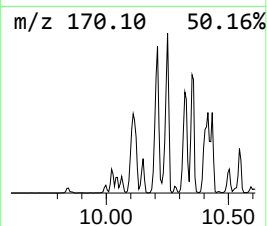
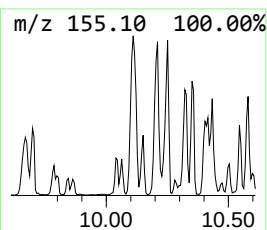
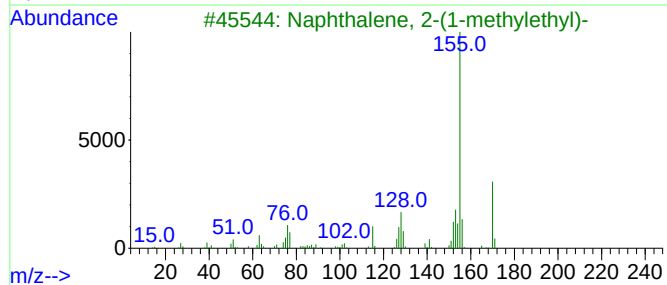
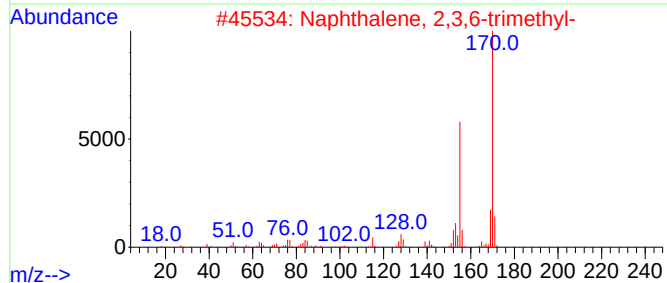
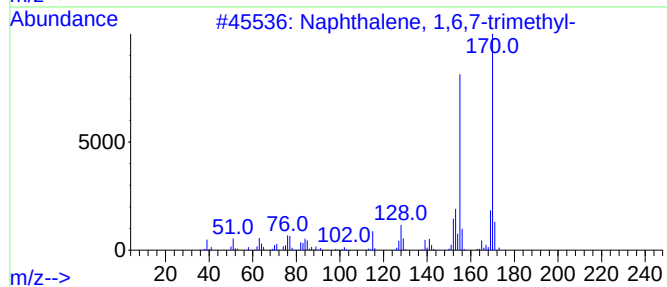
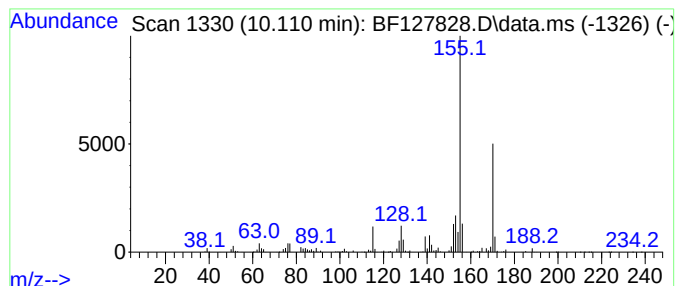
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.110	58.54 ng	4931290	Acenaphthene-d10	10.004	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
Operator : CG\JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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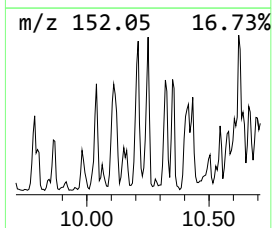
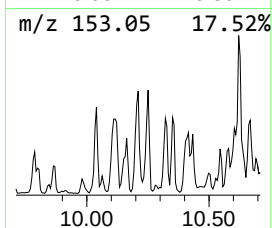
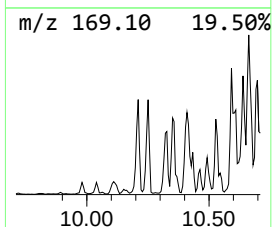
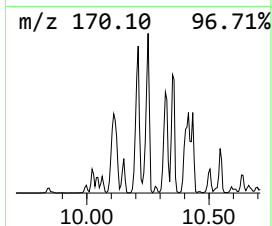
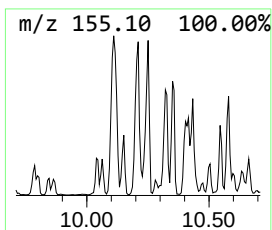
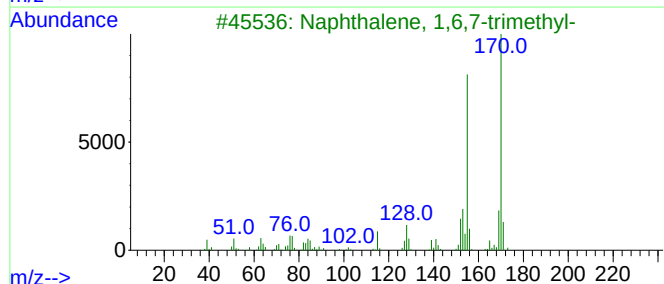
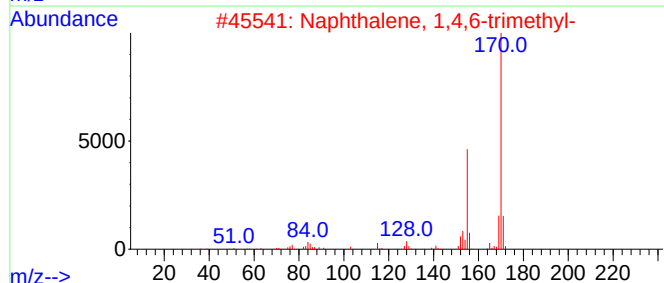
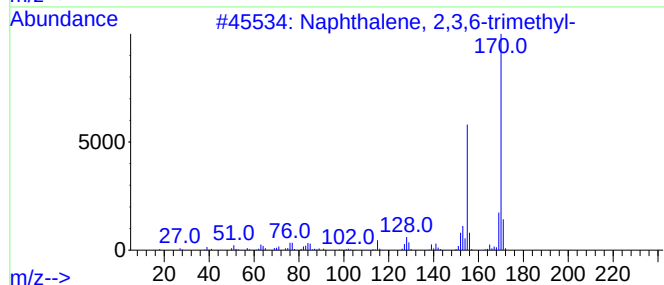
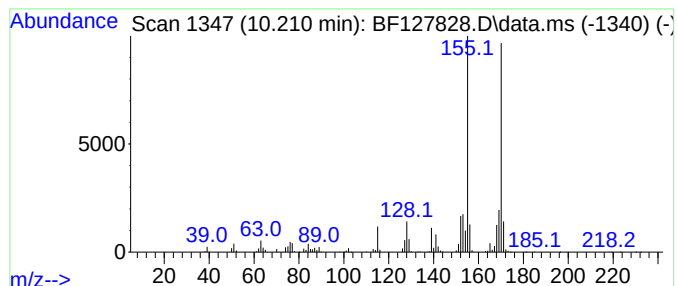
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	66.95 ng	5639050	Acenaphthene-d10	10.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
Operator : CG\JU
Sample : N2444-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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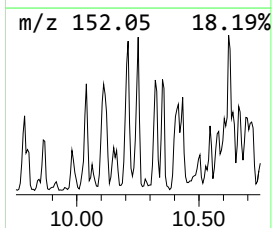
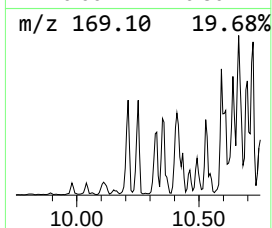
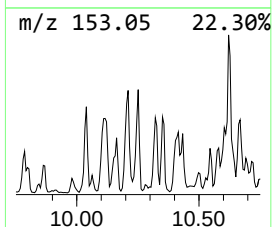
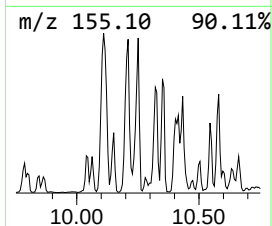
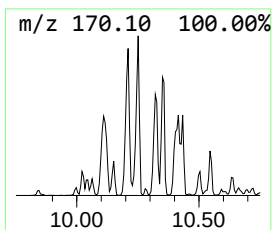
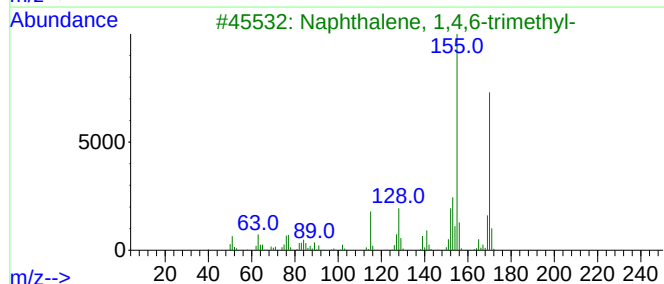
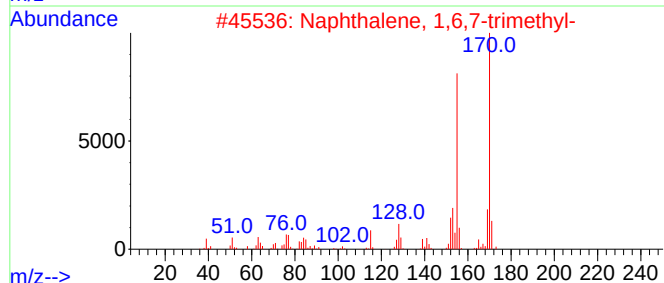
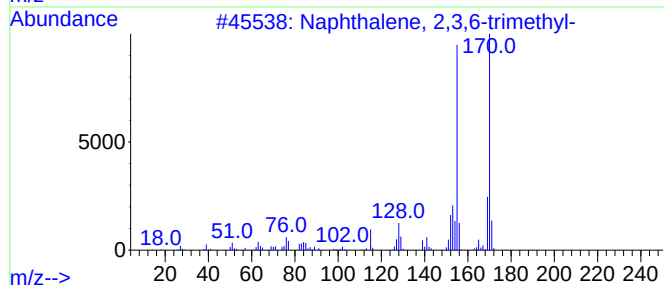
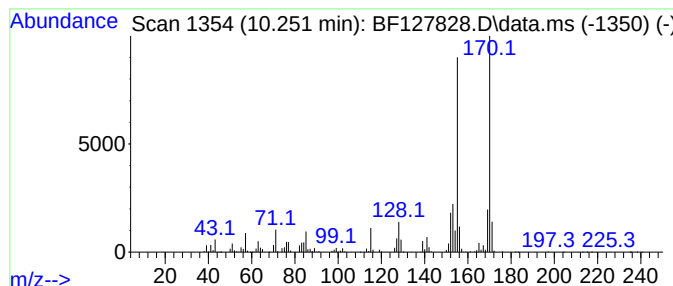
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	77.10 ng	6494500	Acenaphthene-d10	10.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
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ClientSampleId :
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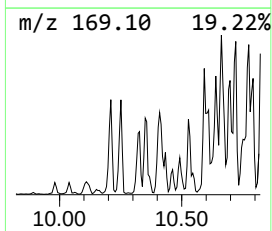
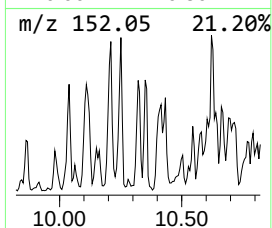
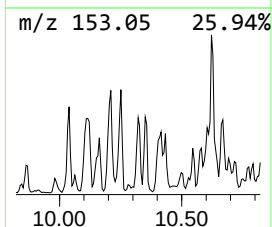
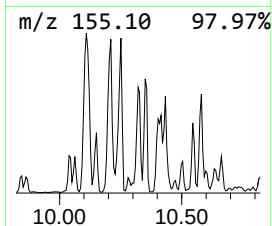
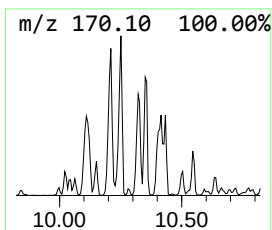
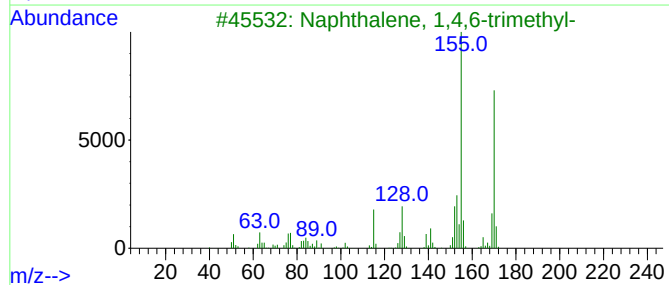
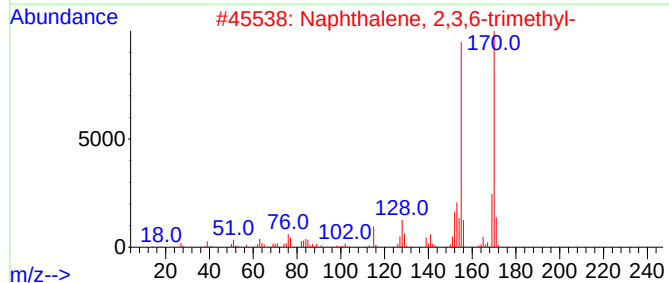
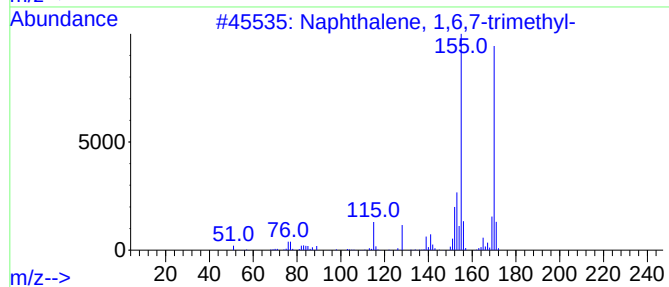
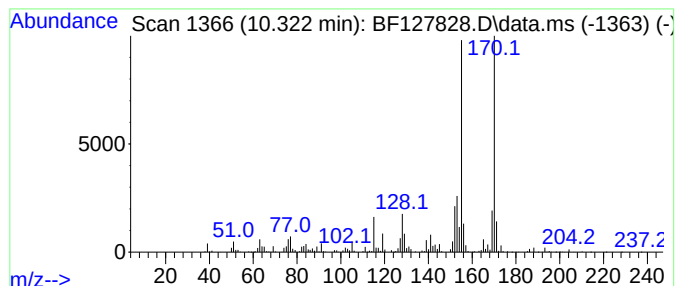
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	46.27 ng	3897590	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
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Operator : CG\JU
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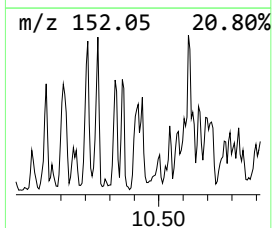
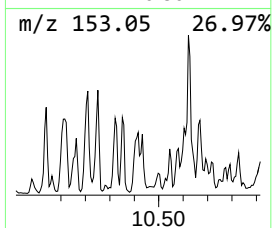
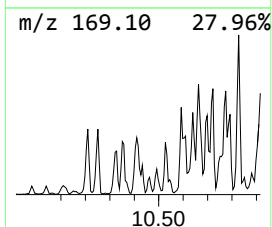
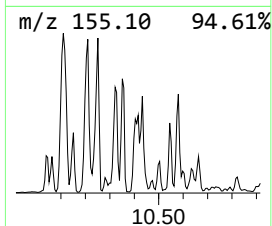
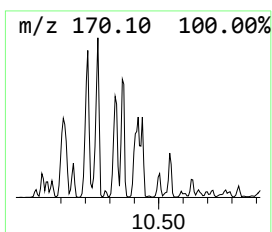
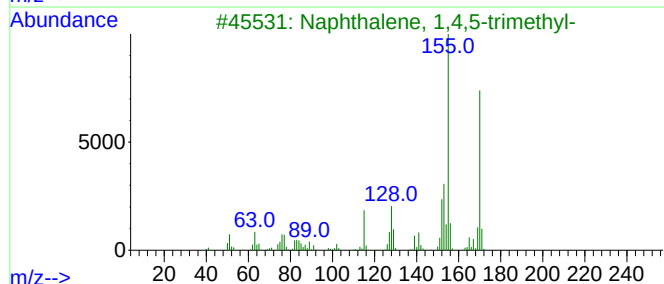
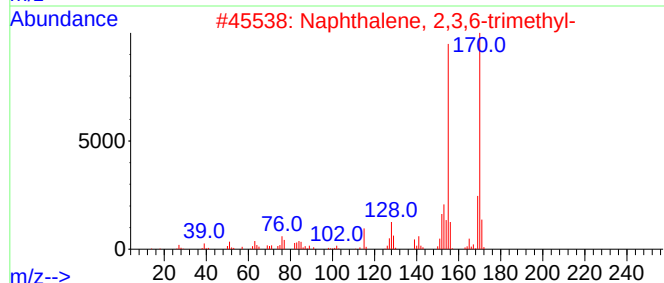
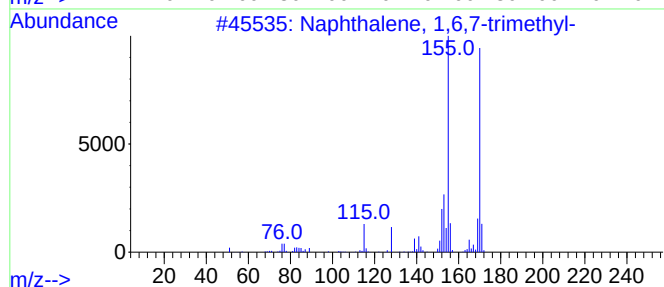
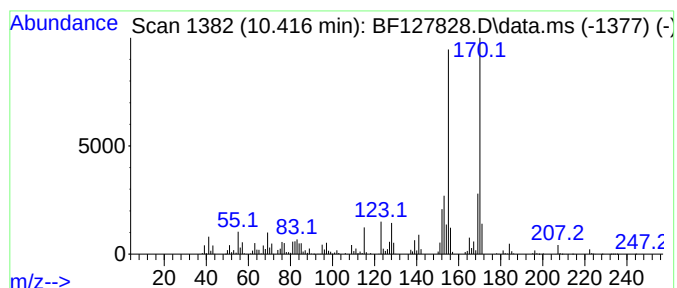
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4,6,8-Trimethylazulene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.416	50.05 ng	4216190	Acenaphthene-d10	10.004	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
Operator : CG\JU
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Misc :
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Instrument :
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ClientSampleId :
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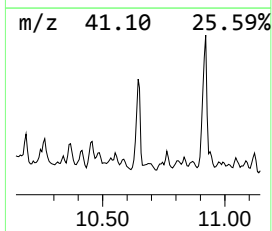
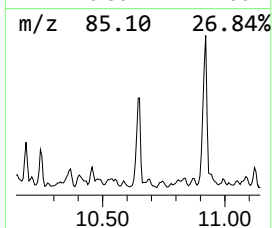
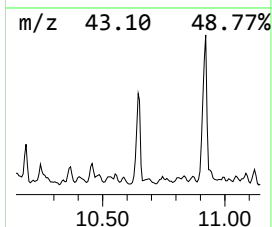
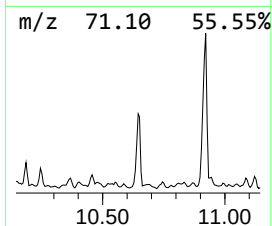
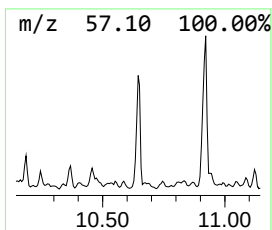
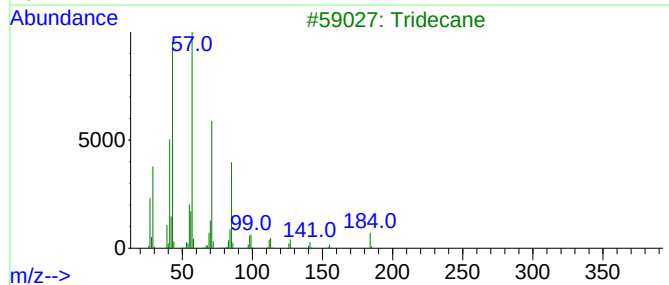
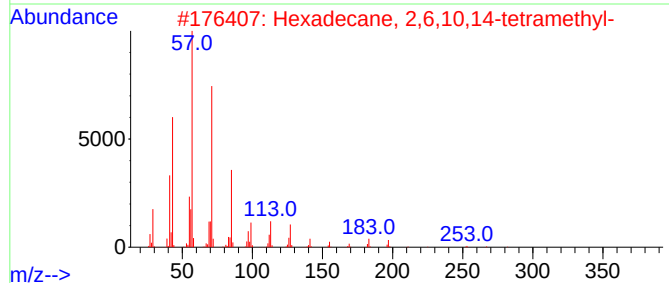
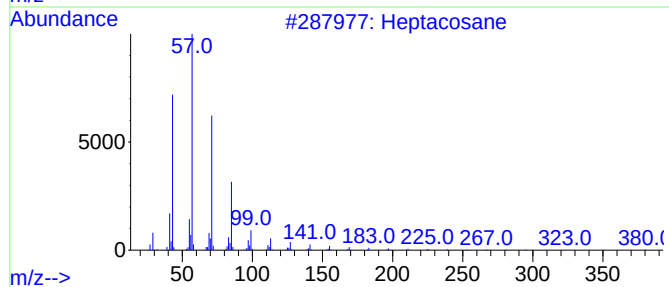
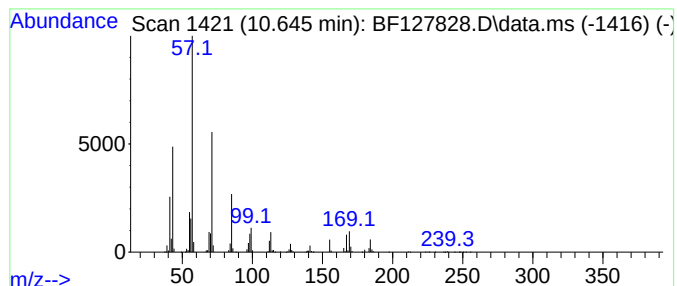
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	87.58 ng	7377180	Acenaphthene-d10	10.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	72
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3		Tridecane	184	C13H28	000629-50-5	64
4		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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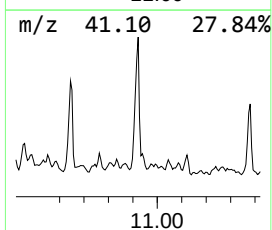
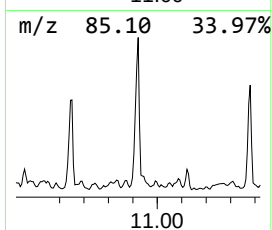
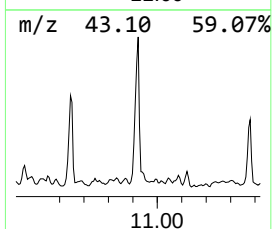
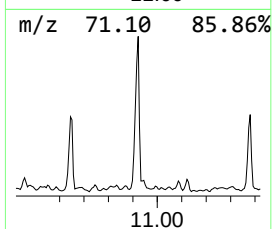
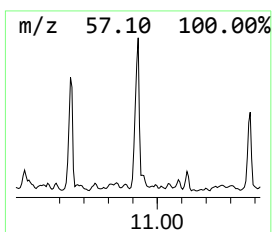
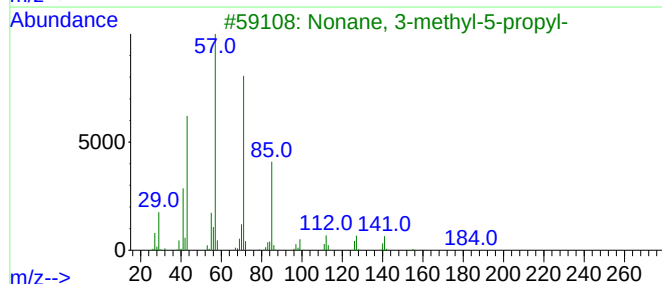
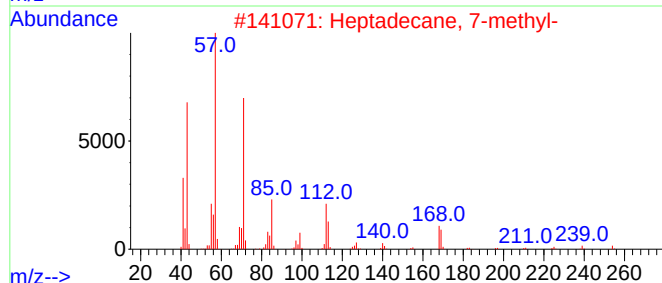
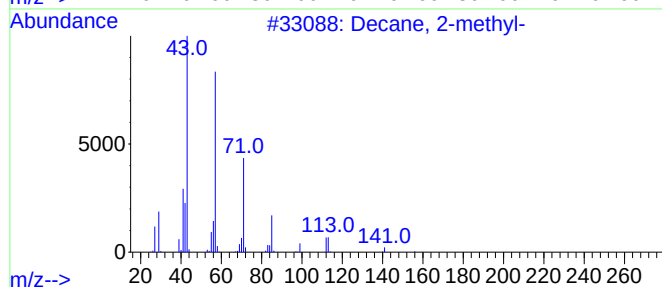
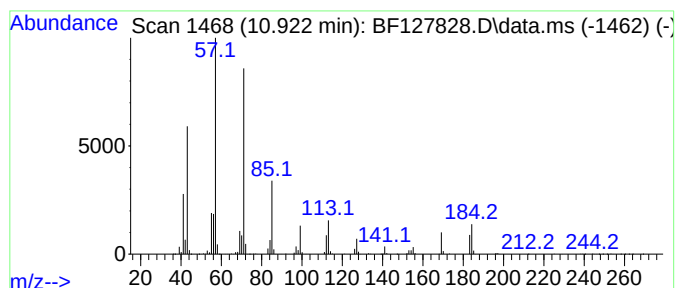
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	120.97 ng	8539900	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	80
2			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
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Acq On : 18 Apr 2022 16:36
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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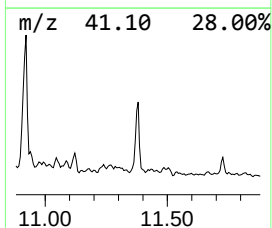
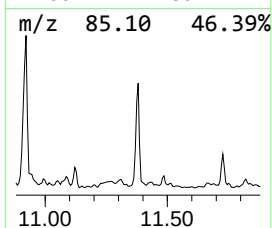
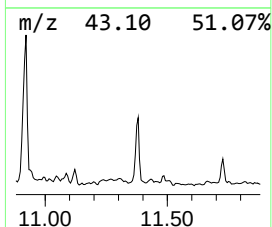
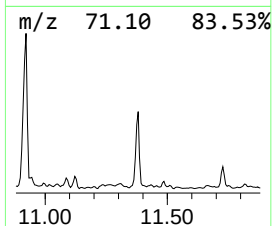
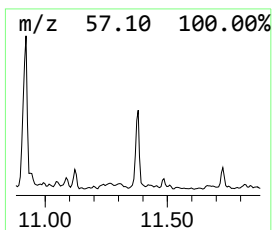
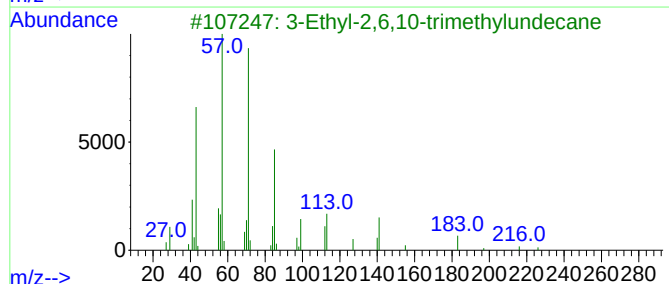
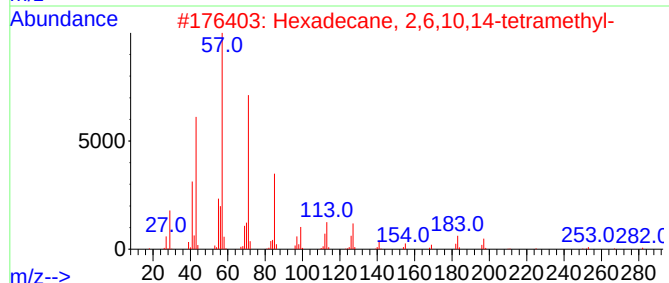
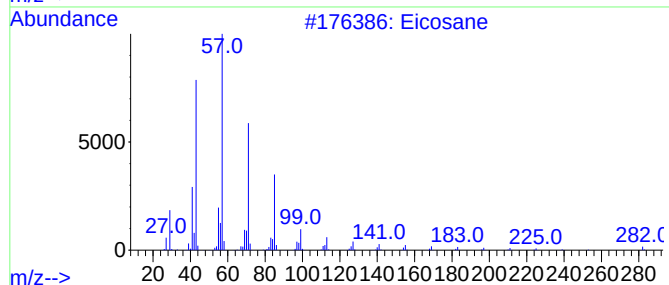
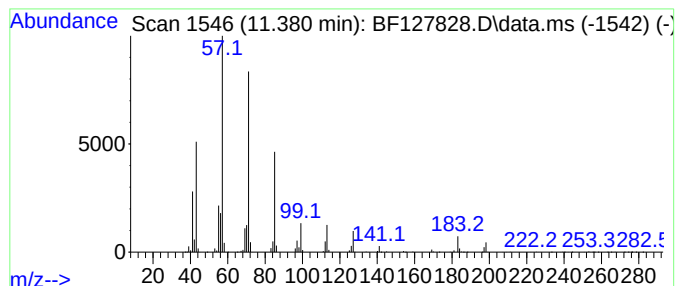
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.380	70.32 ng	4963830	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	86
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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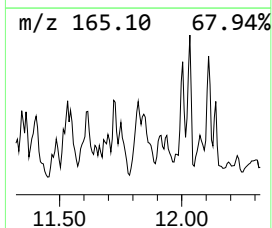
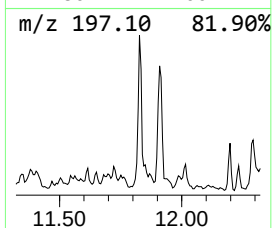
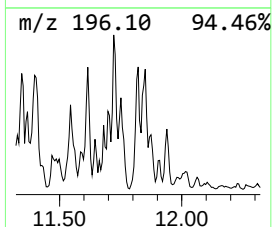
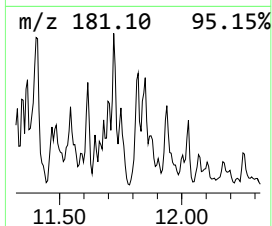
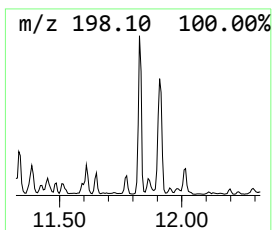
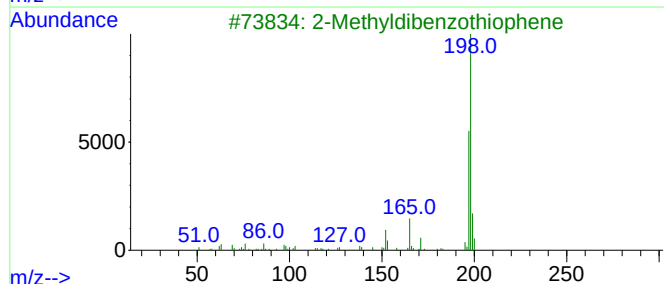
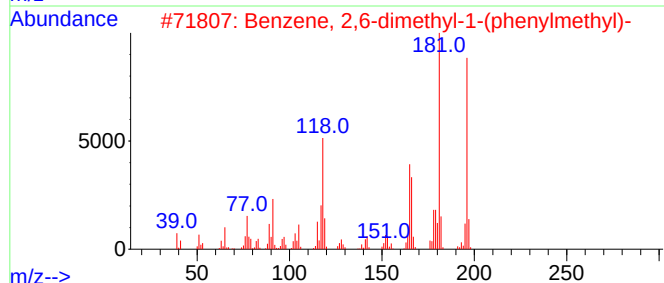
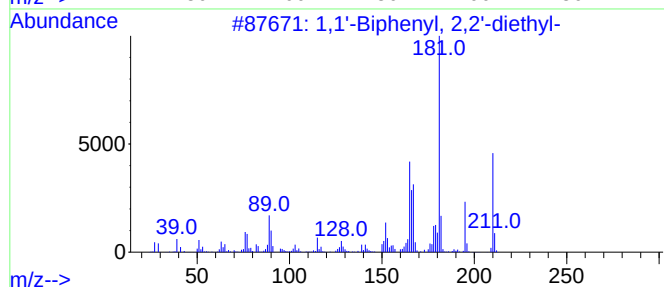
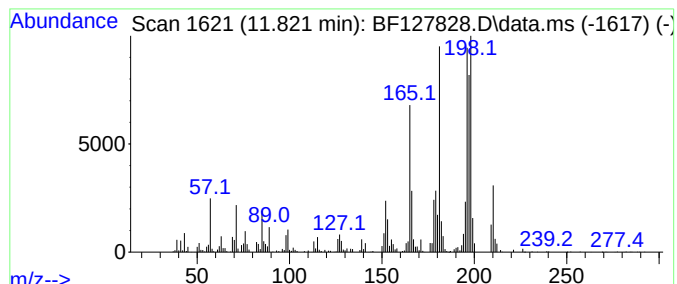
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,2'-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.821	53.00 ng	3741540	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	51
2			Benzene, 2,6-dimethyl-1-(phenylm...	196	C15H16	028122-29-4	50
3			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	46
4			Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	45
5			1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
Operator : CG\JU
Sample : N2444-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

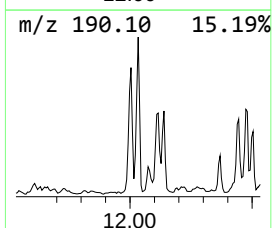
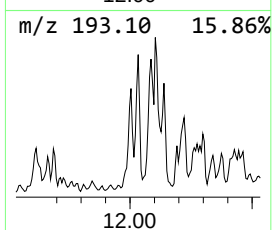
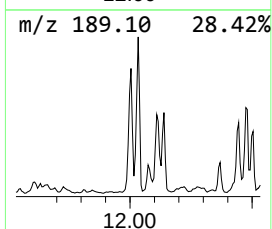
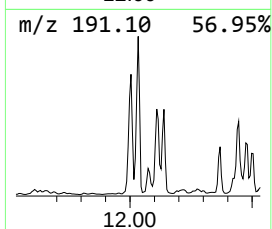
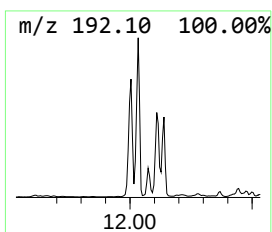
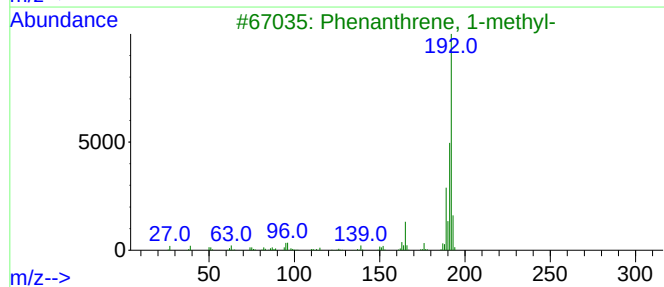
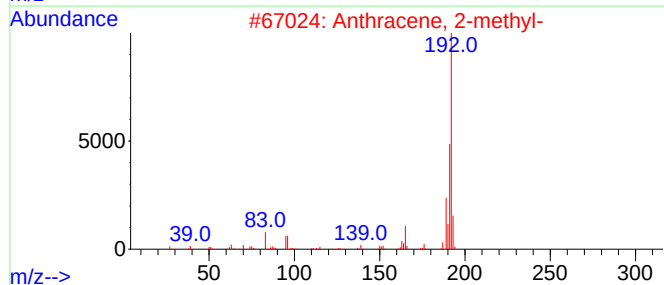
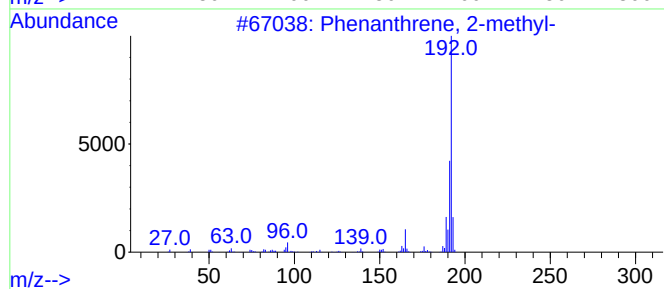
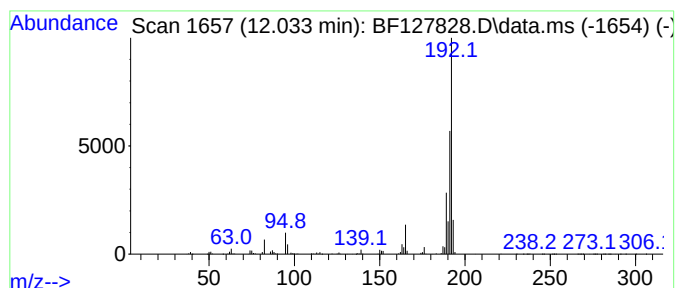
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ClientSampleId :
SB-4D

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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 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.033	48.71 ng	3438570	Phenanthrene-d10			11.498
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-		192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
Operator : CG\JU
Sample : N2444-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4D

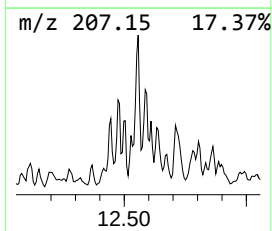
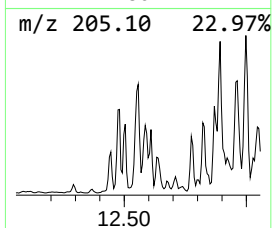
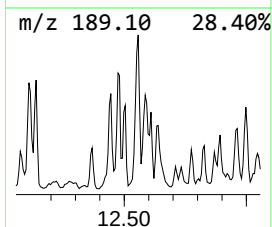
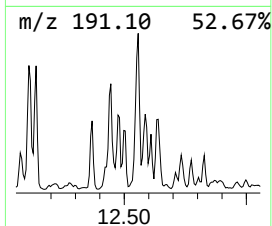
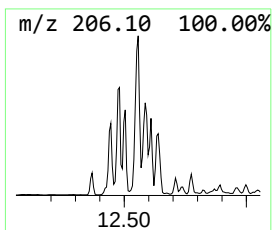
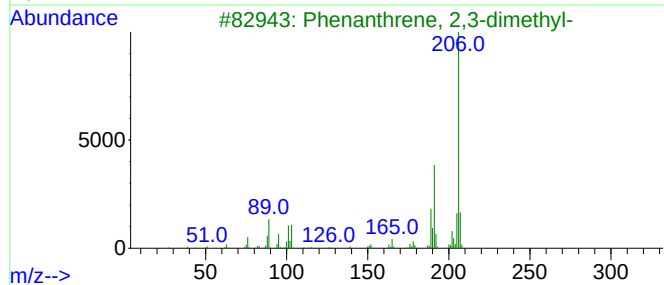
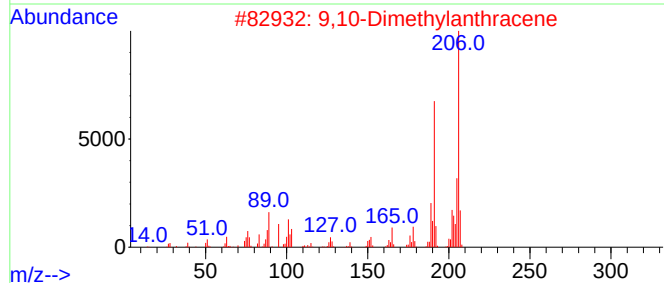
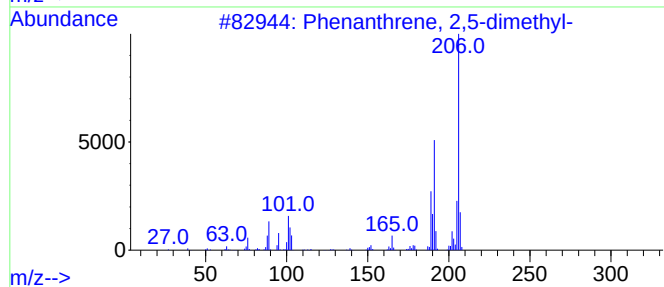
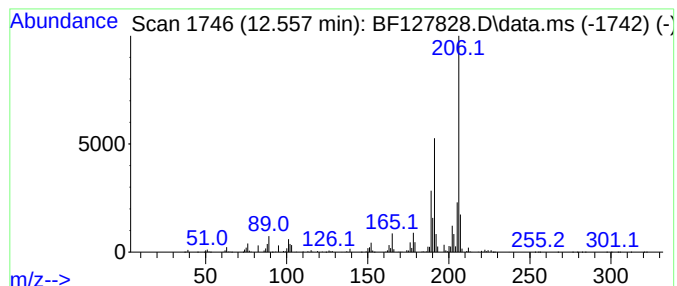
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	53.70 ng	3790920	Phenanthrene-d10	11.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127828.D
Acq On : 18 Apr 2022 16:36
Operator : CG\JU
Sample : N2444-05 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

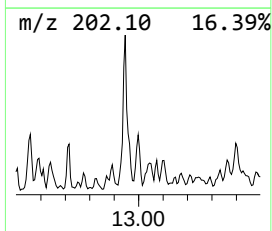
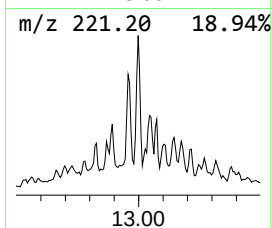
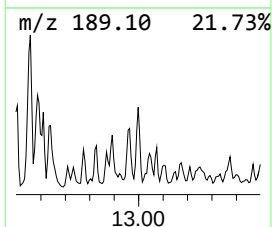
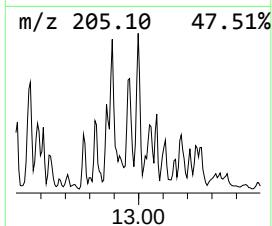
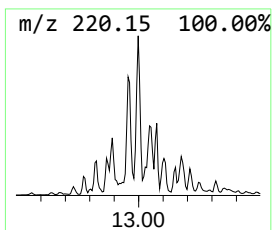
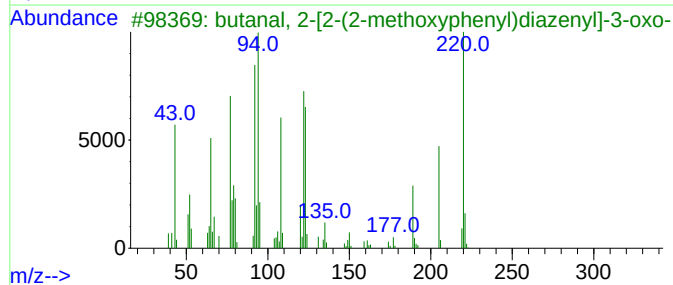
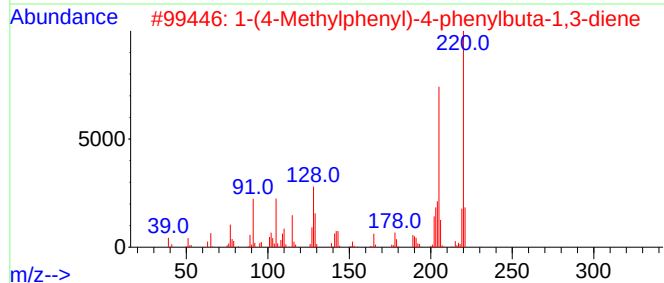
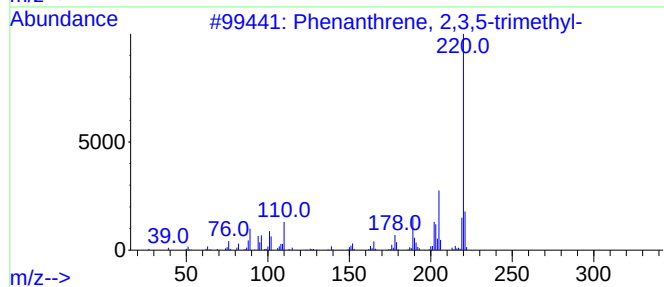
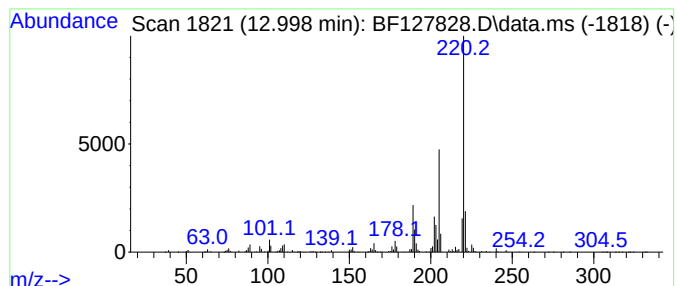
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.998	54.53 ng	1985930	Chrysene-d12	14.139	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	1-(4-Methylphenyl)-4-phenylbuta...	220	C17H16	037985-11-8	83
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	72
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	59
5	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127828.D
 Acq On : 18 Apr 2022 16:36
 Operator : CG\JU
 Sample : N2444-05 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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
Oxalic acid, 2-...	8.657	52.2	ng	3845440	2	8.239	1473460	20.0
Dodecane, 2,7,1...	9.257	62.1	ng	5227170	3	10.004	1684640	20.0
Naphthalene, 1-...	9.516	46.1	ng	3885690	3	10.004	1684640	20.0
Naphthalene, 2,...	9.586	64.3	ng	5420140	3	10.004	1684640	20.0
Naphthalene, 2,...	9.669	115.1	ng	9695090	3	10.004	1684640	20.0
Naphthalene, 2,...	9.704	74.4	ng	6266950	3	10.004	1684640	20.0
unknown9.716	9.716	62.7	ng	5282420	3	10.004	1684640	20.0
Naphthalene, 1,...	9.786	45.8	ng	3858830	3	10.004	1684640	20.0
Naphthalene, 1,...	10.110	58.5	ng	4931290	3	10.004	1684640	20.0
Naphthalene, 2,...	10.210	67.0	ng	5639050	3	10.004	1684640	20.0
Naphthalene, 1,...	10.251	77.1	ng	6494500	3	10.004	1684640	20.0
Naphthalene, 1,...	10.322	46.3	ng	3897590	3	10.004	1684640	20.0
4,6,8-Trimethyl...	10.416	50.0	ng	4216190	3	10.004	1684640	20.0
Heptacosane	10.645	87.6	ng	7377180	3	10.004	1684640	20.0
Decane, 2-methyl-	10.922	121.0	ng	8539900	4	11.498	1411860	20.0
Eicosane	11.380	70.3	ng	4963830	4	11.498	1411860	20.0
1,1'-Biphenyl, ...	11.821	53.0	ng	3741540	4	11.498	1411860	20.0
Phenanthrene, 2...	12.033	48.7	ng	3438570	4	11.498	1411860	20.0
Phenanthrene, 2...	12.557	53.7	ng	3790920	4	11.498	1411860	20.0
Phenanthrene, 2...	12.998	54.5	ng	1985930	5	14.139	728430	20.0