

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124396.D
 Acq On : 21 Jun 2021 16:37
 Operator : JU/CG
 Sample : M2777-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 X-3

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-BF060321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124396.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	562	565	572	rBV	890885	782291	71.43%	3.695%
2	6.434	735	739	744	rBV	808290	780303	71.24%	3.685%
3	6.616	766	770	775	rBV2	112049	114563	10.46%	0.541%
4	6.781	794	798	802	rBV	248464	238943	21.82%	1.129%
5	7.057	842	845	848	rVB	78749	68011	6.21%	0.321%
6	7.104	848	853	854	rBV2	65319	69672	6.36%	0.329%
7	7.175	861	865	868	rBV3	76765	75144	6.86%	0.355%
8	7.322	884	890	892	rVV	66637	79330	7.24%	0.375%
9	7.351	892	895	898	rVV	679302	560560	51.18%	2.648%
10	7.381	898	900	903	rVV	213808	148367	13.55%	0.701%
11	7.434	903	909	912	rVV2	81805	96899	8.85%	0.458%
12	7.498	917	920	924	rVV6	53870	60170	5.49%	0.284%
13	7.586	932	935	938	rVB3	86099	93848	8.57%	0.443%
14	7.751	959	963	965	rVB3	76118	95679	8.74%	0.452%
15	7.786	965	969	970	rBV3	84483	76592	6.99%	0.362%
16	7.804	970	972	976	rVV3	83207	94766	8.65%	0.448%
17	7.904	987	989	992	rVB	100297	76937	7.02%	0.363%
18	7.933	992	994	998	rBV2	56963	55570	5.07%	0.262%
19	7.975	998	1001	1004	rBV2	98871	96306	8.79%	0.455%
20	8.022	1004	1009	1011	rBV3	54878	94914	8.67%	0.448%
21	8.051	1011	1014	1015	rVV	313123	260229	23.76%	1.229%
22	8.069	1015	1017	1019	rVV	337700	258741	23.62%	1.222%
23	8.092	1019	1021	1023	rVV3	56875	51908	4.74%	0.245%
24	8.110	1023	1024	1026	rVV2	56409	53895	4.92%	0.255%
25	8.128	1026	1027	1030	rVB	138541	86721	7.92%	0.410%
26	8.157	1030	1032	1035	rBV2	75913	68367	6.24%	0.323%
27	8.239	1039	1046	1048	rBV4	72991	112192	10.24%	0.530%
28	8.263	1048	1050	1054	rVB3	153537	138712	12.66%	0.655%
29	8.310	1054	1058	1062	rBV3	84258	119180	10.88%	0.563%
30	8.363	1062	1067	1071	rBV6	119485	177650	16.22%	0.839%
31	8.416	1074	1076	1079	rVB3	89252	76218	6.96%	0.360%
32	8.451	1079	1082	1085	rBV3	125915	130640	11.93%	0.617%
33	8.486	1085	1088	1090	rBV2	136831	124376	11.36%	0.587%
34	8.533	1094	1096	1099	rVB	76732	57464	5.25%	0.271%
35	8.575	1099	1103	1105	rBV2	284639	255737	23.35%	1.208%
36	8.663	1114	1118	1121	rBV3	393374	360370	32.90%	1.702%

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Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.698	1121	1124	1126	rVV3	64582	95983	8.76%	0.453%
38	8.728	1126	1129	1131	rVV2	182883	189069	17.26%	0.893%
39	8.757	1133	1134	1137	rVV3	87914	57517	5.25%	0.272%
40	8.780	1137	1138	1142	rVB3	74088	54928	5.02%	0.259%

41	8.822	1142	1145	1147	rBV3	59166	65801	6.01%	0.311%
42	8.892	1153	1157	1159	rBV2	378204	305708	27.91%	1.444%
43	9.010	1175	1177	1178	rBV	104365	86770	7.92%	0.410%
44	9.063	1184	1186	1188	rBV2	84507	59205	5.41%	0.280%
45	9.092	1188	1191	1192	rVV2	198410	176494	16.11%	0.834%

46	9.110	1192	1194	1196	rVB	99019	73345	6.70%	0.346%
47	9.145	1197	1200	1203	rBV	1394772	1039019	94.87%	4.907%
48	9.180	1204	1206	1209	rVB2	74476	56660	5.17%	0.268%
49	9.228	1209	1214	1217	rBV	651919	589032	53.78%	2.782%
50	9.298	1223	1226	1228	rVB	226407	202032	18.45%	0.954%

51	9.404	1238	1244	1245	rBV5	121112	150626	13.75%	0.711%
52	9.463	1250	1254	1255	rBV4	119703	129726	11.84%	0.613%
53	9.480	1255	1257	1259	rVV2	205998	197460	18.03%	0.933%
54	9.504	1259	1261	1264	rVV2	204757	192967	17.62%	0.911%
55	9.545	1264	1268	1270	rVV4	369980	414252	37.82%	1.957%

56	9.569	1270	1272	1275	rVV2	226978	215423	19.67%	1.017%
57	9.604	1275	1278	1282	rVB	289035	239320	21.85%	1.130%
58	9.686	1289	1292	1296	rBV5	66183	117511	10.73%	0.555%
59	9.733	1296	1300	1301	rVV4	65393	76452	6.98%	0.361%
60	9.757	1301	1304	1308	rVB	785916	588551	53.74%	2.780%

61	9.822	1308	1315	1318	rBV3	390348	527849	48.19%	2.493%
62	9.927	1330	1333	1338	rVB2	140643	148556	13.56%	0.702%
63	9.986	1339	1343	1346	rBV4	122388	213452	19.49%	1.008%
64	10.016	1346	1348	1351	rVV3	152486	215419	19.67%	1.017%
65	10.075	1355	1358	1362	rVV3	203796	299509	27.35%	1.415%

66	10.110	1362	1364	1367	rVB	111353	91645	8.37%	0.433%
67	10.145	1367	1370	1373	rBV3	138847	208794	19.06%	0.986%
68	10.192	1376	1378	1382	rVB5	74849	84333	7.70%	0.398%
69	10.233	1382	1385	1386	rBV3	81951	74600	6.81%	0.352%
70	10.257	1386	1389	1392	rVV	809683	621106	56.71%	2.934%

71	10.286	1392	1394	1396	rVV2	68121	61356	5.60%	0.290%
72	10.310	1396	1398	1403	rVB6	90350	150718	13.76%	0.712%
73	10.386	1409	1411	1414	rVV3	68889	79601	7.27%	0.376%
74	10.480	1421	1427	1432	rVB	292706	447080	40.82%	2.112%
75	10.527	1432	1435	1438	rVB3	105385	103684	9.47%	0.490%

76	10.563	1438	1441	1443	rBV3	84267	87083	7.95%	0.411%
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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-BF060321.M
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77	10.592	1444	1446	1448	rBV2	127640	99990	9.13%	0.472%
78	10.616	1448	1450	1453	rVB	707539	591679	54.02%	2.795%
79	10.727	1466	1469	1478	rVB	646145	898368	82.02%	4.243%
80	10.922	1499	1502	1504	rBV2	110550	117233	10.70%	0.554%
81	10.951	1505	1507	1510	rVB4	153039	146425	13.37%	0.692%
82	10.986	1511	1513	1515	rBV2	67971	53554	4.89%	0.253%
83	11.180	1542	1546	1548	rBV	547044	462930	42.27%	2.186%
84	11.210	1548	1551	1556	rVB	352723	400405	36.56%	1.891%
85	11.251	1556	1558	1563	rVB5	51380	55317	5.05%	0.261%
86	11.316	1566	1569	1572	rBV	428272	378295	34.54%	1.787%
87	11.421	1585	1587	1590	rBV3	72504	66262	6.05%	0.313%
88	11.486	1595	1598	1602	rVB2	102124	82501	7.53%	0.390%
89	11.557	1607	1610	1613	rVB3	88486	88192	8.05%	0.417%
90	11.604	1615	1618	1621	rVB	484943	360188	32.89%	1.701%
91	11.763	1643	1645	1651	rVB6	54679	81003	7.40%	0.383%
92	12.010	1684	1687	1690	rBV	388623	278868	25.46%	1.317%
93	12.163	1710	1713	1718	rBV4	47489	87547	7.99%	0.413%
94	12.292	1733	1735	1738	rVB3	70215	57974	5.29%	0.274%
95	12.398	1750	1753	1757	rVB	258527	225844	20.62%	1.067%
96	12.768	1813	1816	1822	rVB	144669	138104	12.61%	0.652%
97	12.898	1834	1838	1842	rBV	1150733	1095247	100.00%	5.173%
98	13.127	1874	1877	1880	rVB2	87151	79603	7.27%	0.376%
99	13.957	2015	2018	2021	rVB	264304	220508	20.13%	1.041%
100	15.415	2261	2266	2273	rVB	174462	226652	20.69%	1.070%

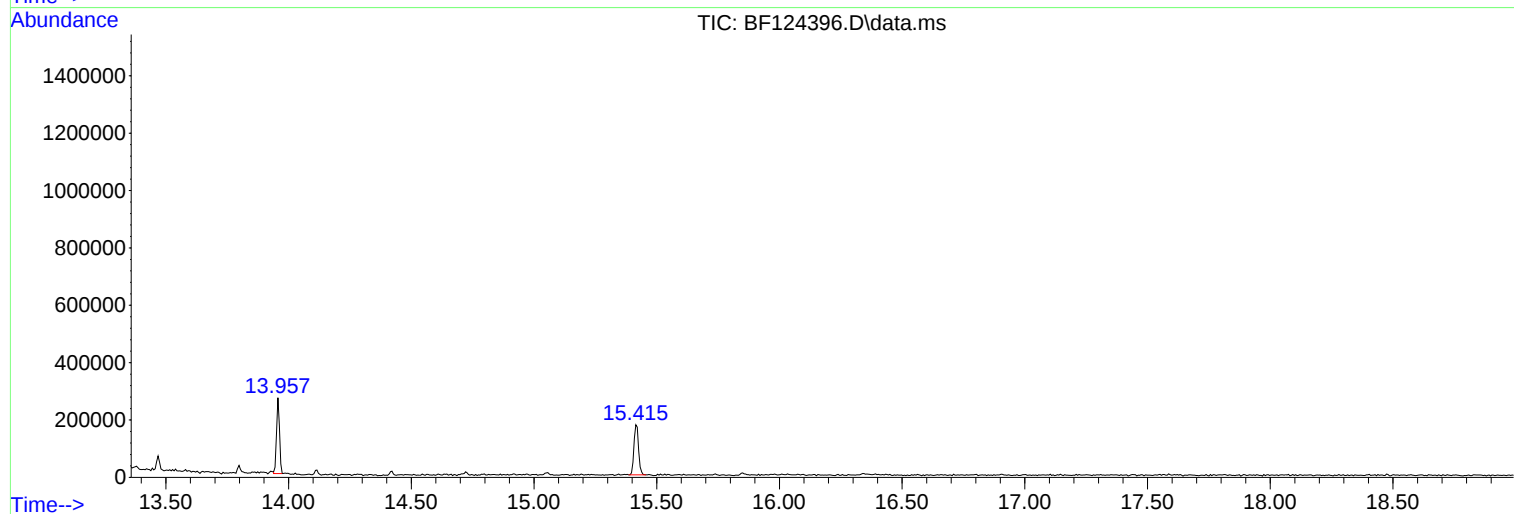
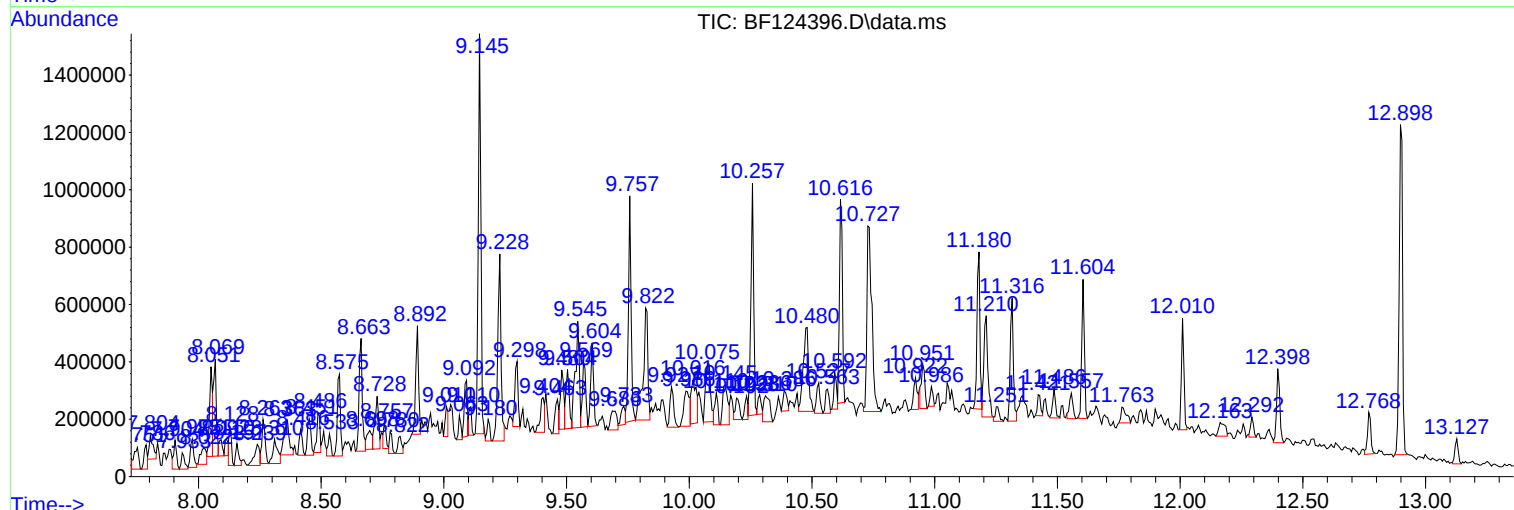
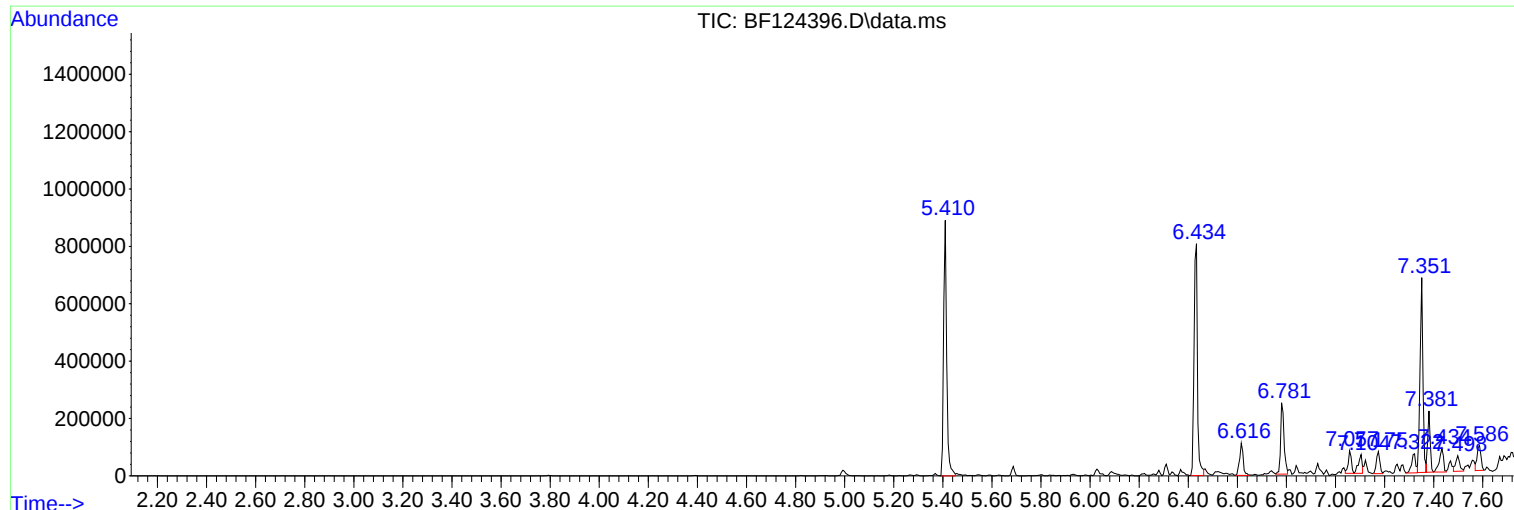
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Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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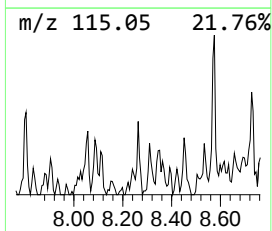
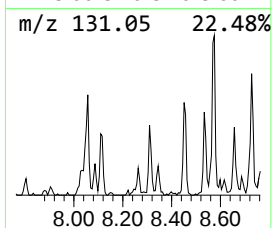
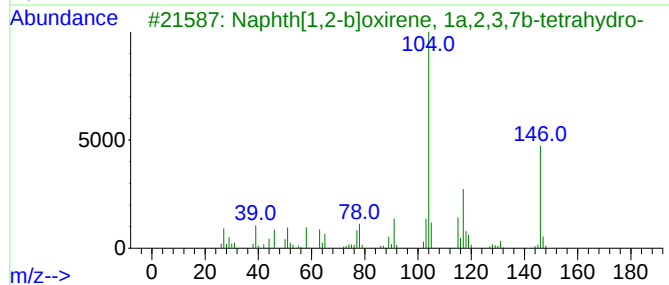
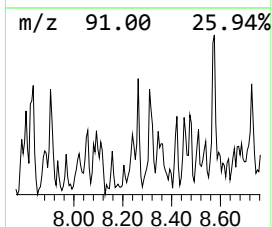
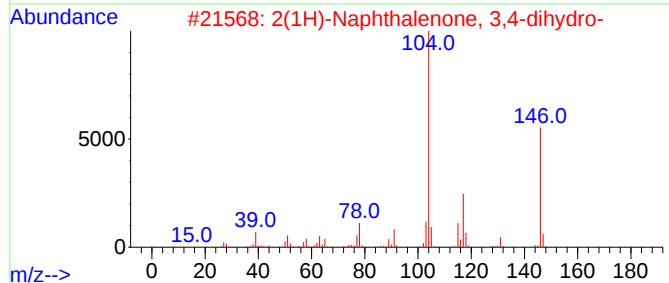
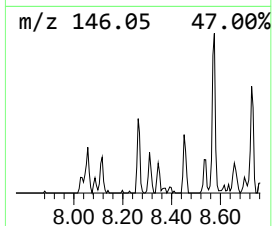
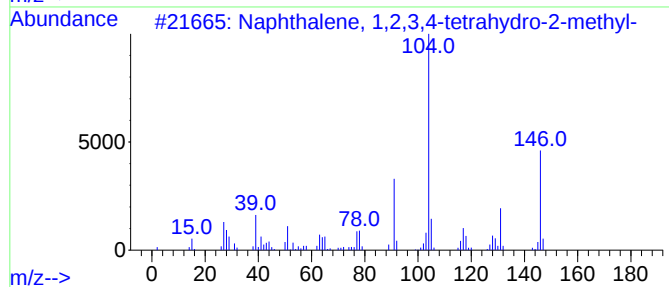
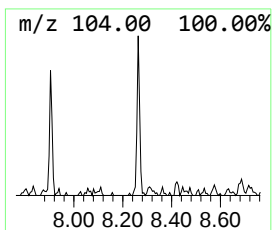
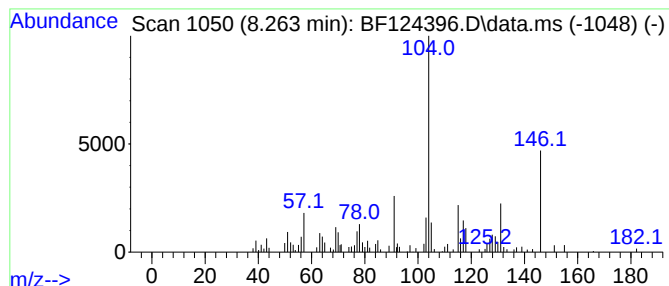
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	10.72 ng	138712	Naphthalene-d8	8.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	59
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4		Benzene, [2-(1,1-dimethylethyl)c...	174	C13H18	1000362-12-2	47
5		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43



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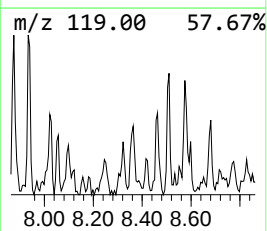
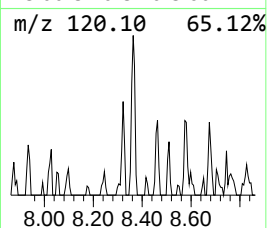
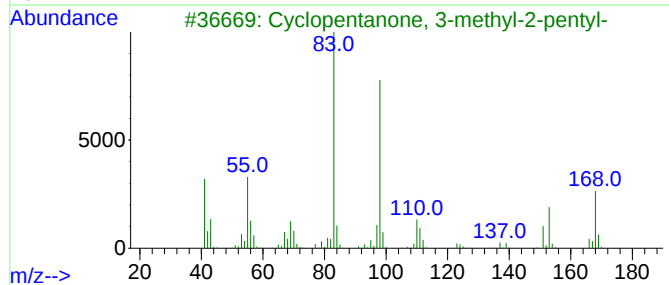
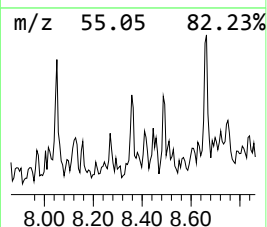
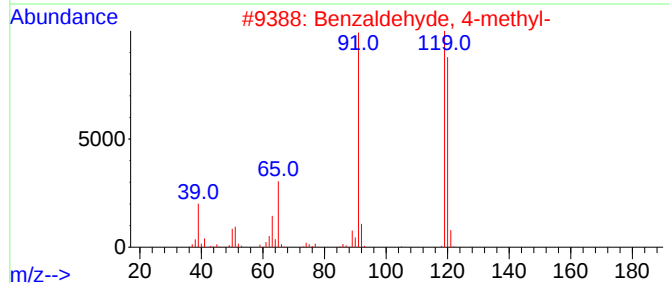
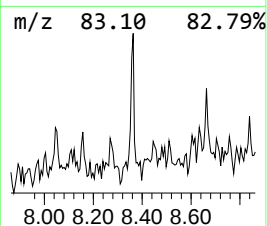
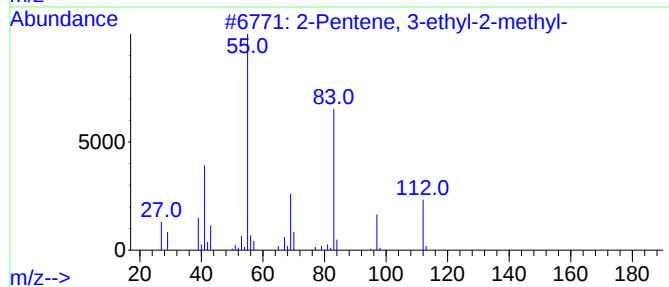
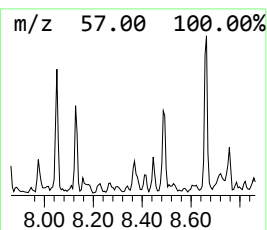
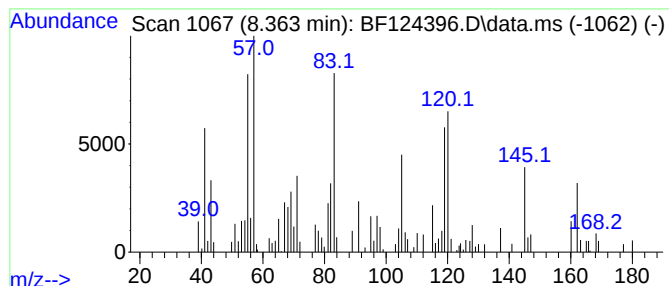
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown8.363 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	13.73 ng	177650	Naphthalene-d8	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-2-methyl-		112	C8H16		019780-67-7	11
2	Benzaldehyde, 4-methyl-		120	C8H8O		000104-87-0	11
3	Cyclopentanone, 3-methyl-2-pentyl-		168	C11H20O		1000131-95-1	11
4	2-Pentene, 3,4-dimethyl-, (Z)-		98	C7H14		004914-91-4	11
5	N-(Phenylaminocarbonyl)aziridine		162	C9H10N2O		013279-22-6	11



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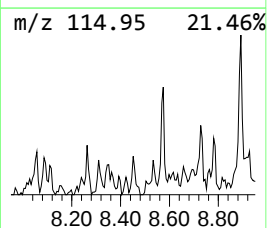
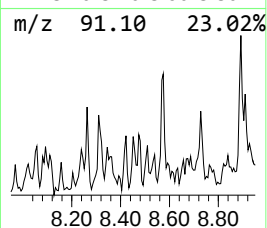
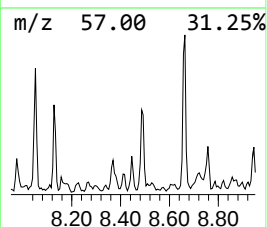
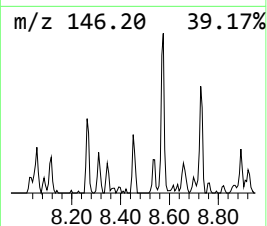
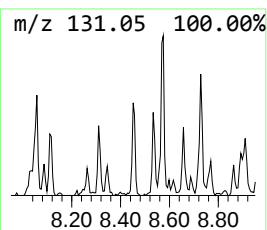
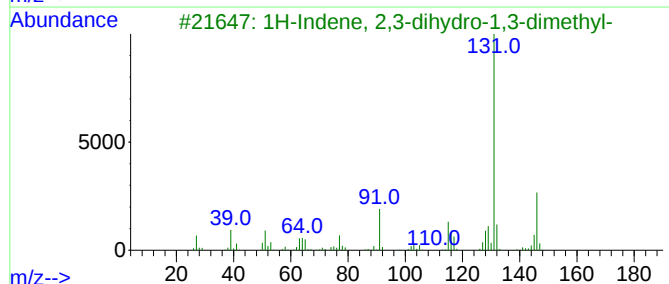
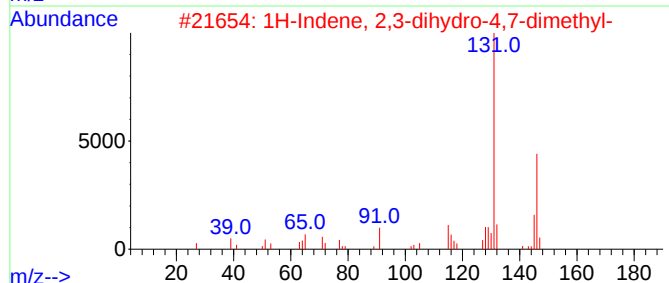
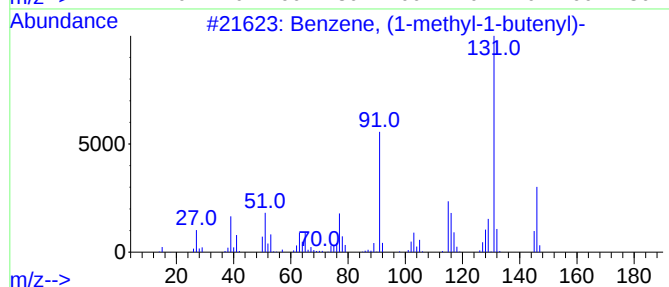
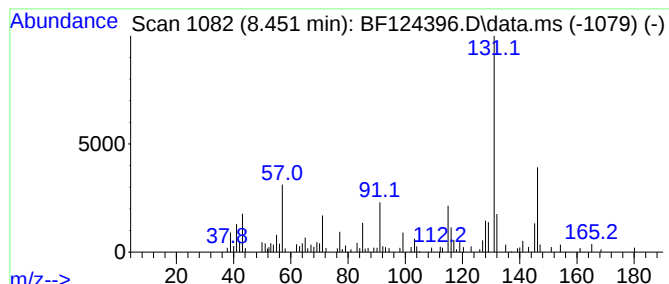
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, (1-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.451	10.10 ng	130640	Naphthalene-d8	8.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
Operator : JU/CG
Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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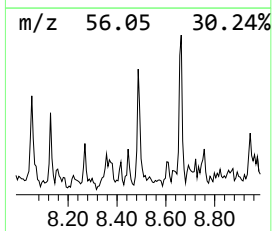
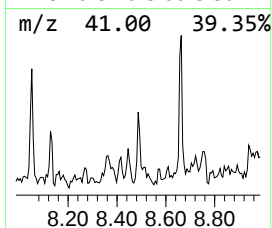
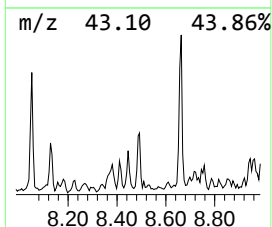
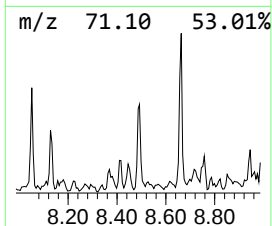
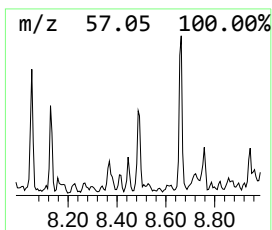
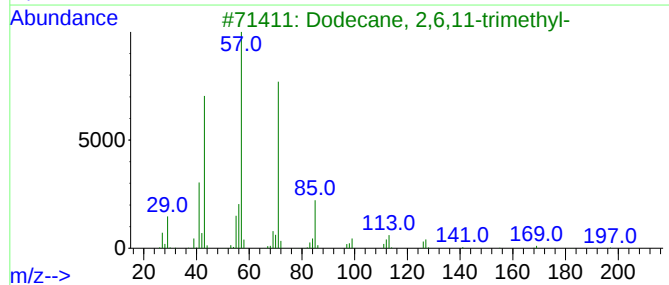
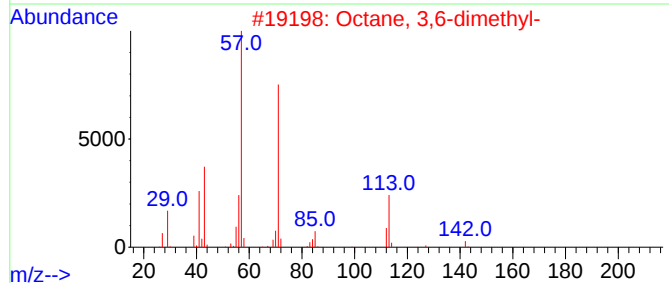
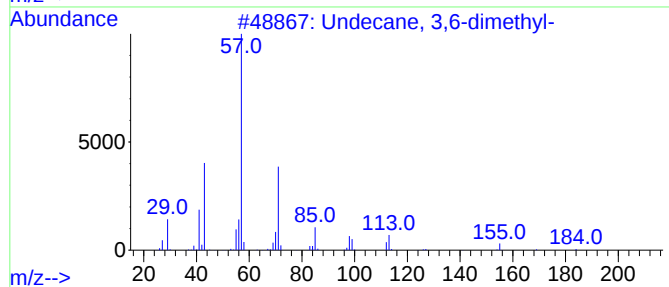
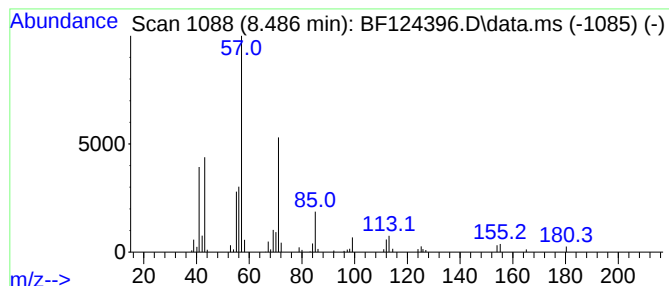
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.486	9.61 ng	124376	Naphthalene-d8	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
Operator : JU/CG
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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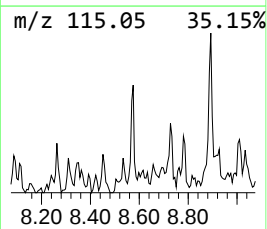
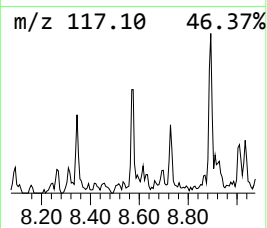
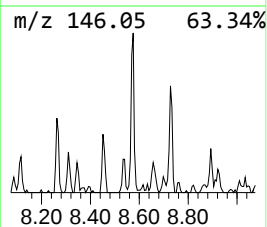
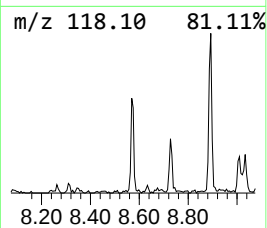
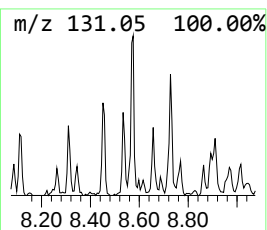
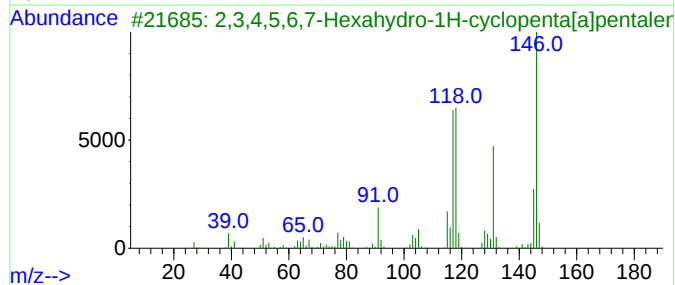
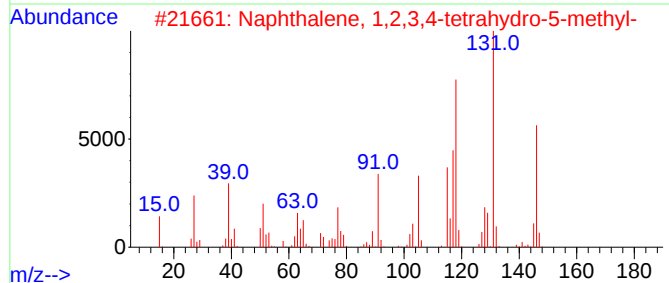
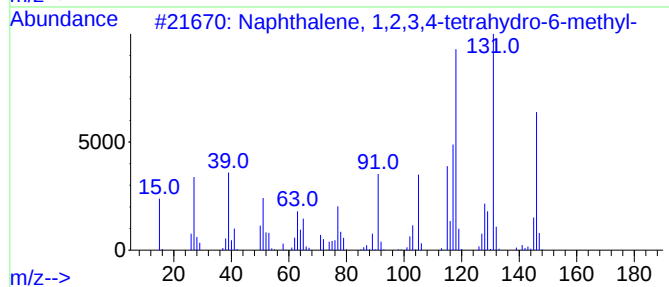
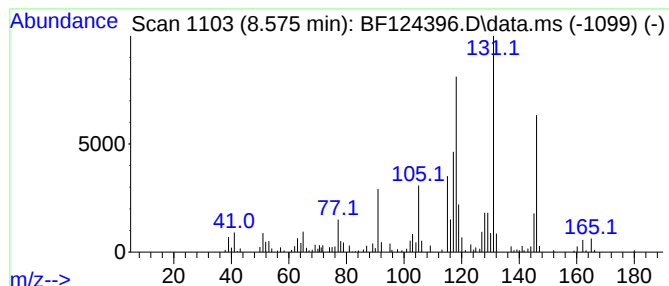
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	19.77 ng	255737	Naphthalene-d8	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	72
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
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Sample : M2777-03
Misc :
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ClientSampled :
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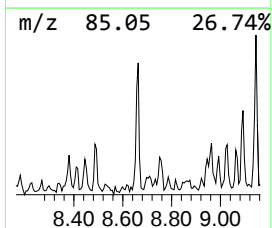
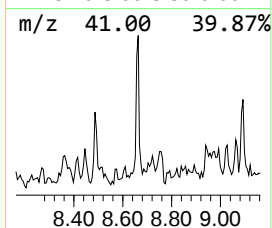
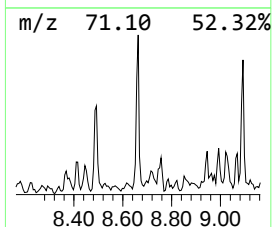
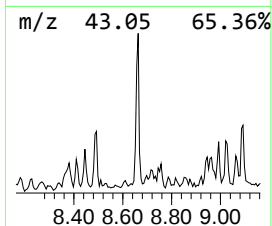
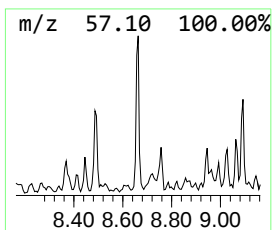
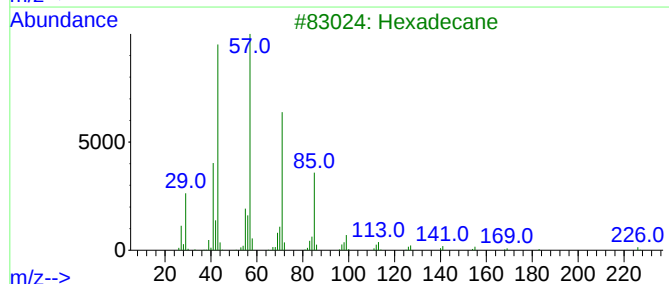
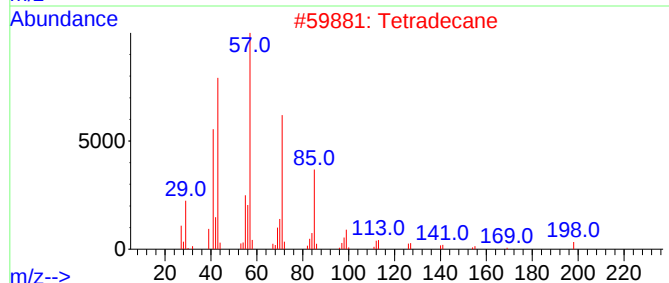
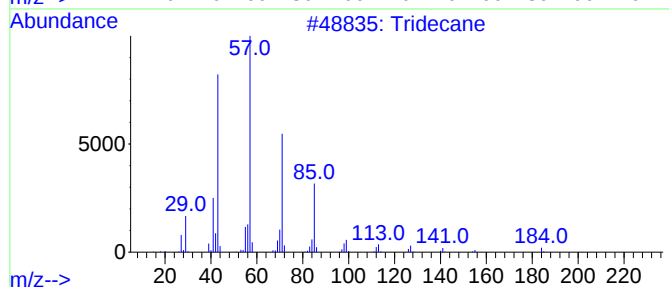
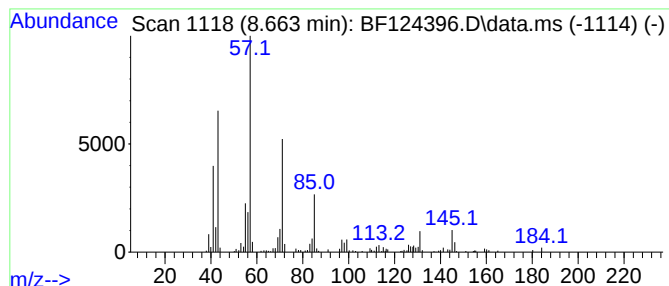
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	27.86 ng	360370	Naphthalene-d8	8.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Tetradecane	198	C14H30	000629-59-4	58
3			Hexadecane	226	C16H34	000544-76-3	58
4			Dodecane	170	C12H26	000112-40-3	53
5			Undecane	156	C11H24	001120-21-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
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Sample : M2777-03
Misc :
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Instrument :
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ClientSampled :
X-3

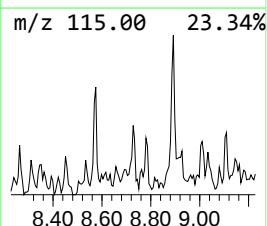
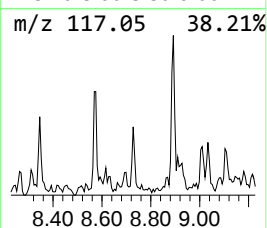
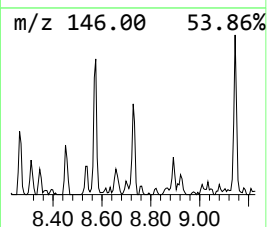
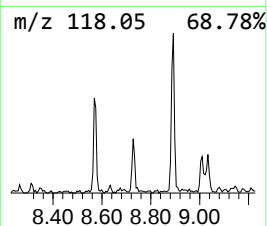
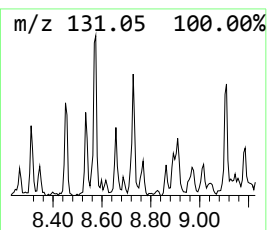
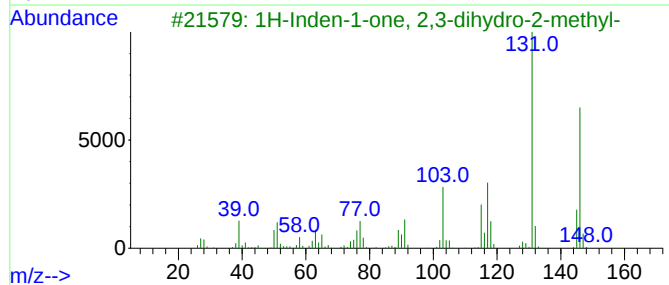
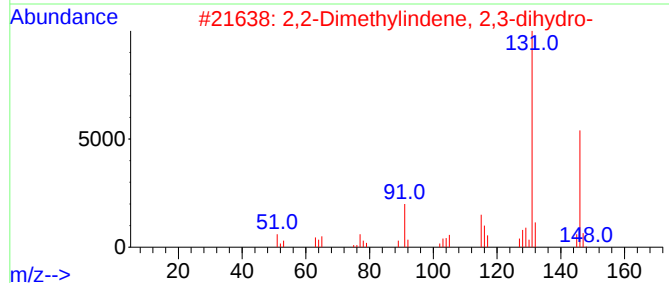
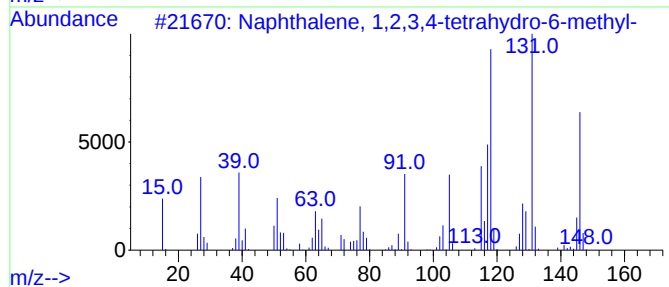
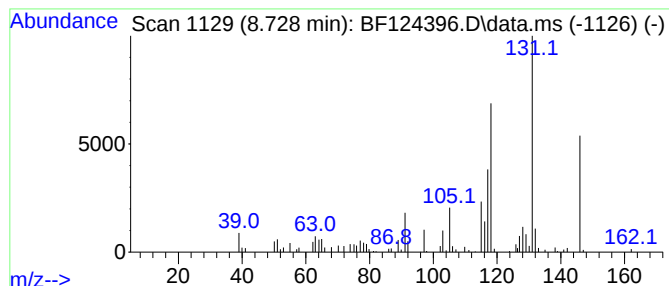
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,2-Dimethylindene, 2,3-dih... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.728	14.61 ng	189069	Naphthalene-d8	8.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
3		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	58
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
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Instrument :
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ClientSampled :
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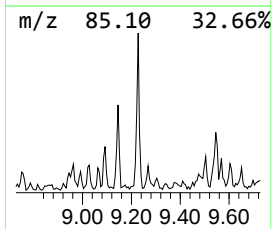
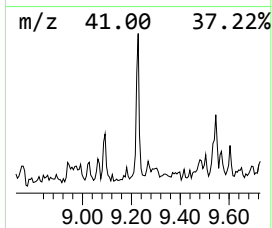
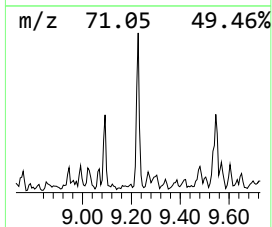
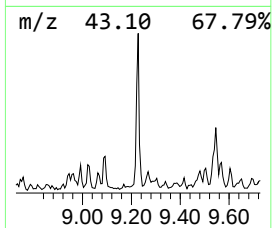
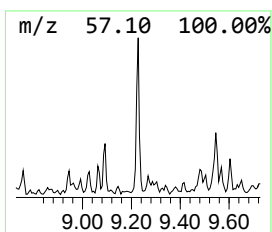
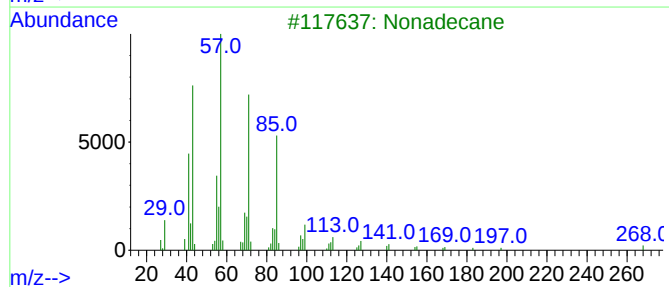
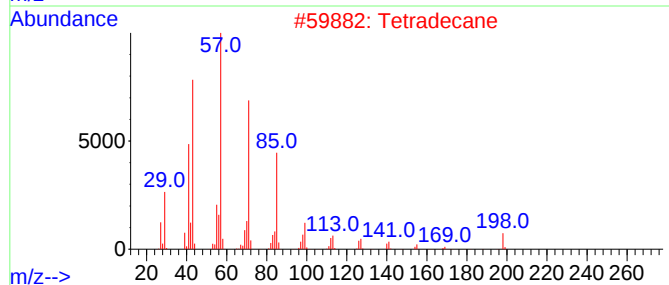
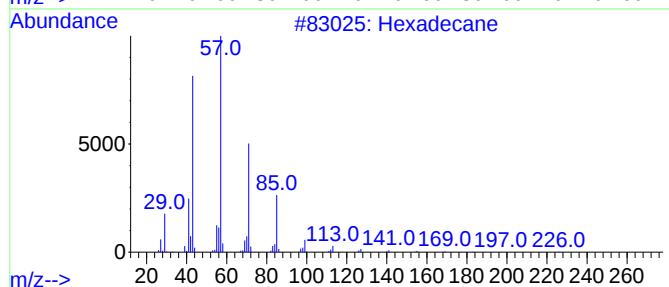
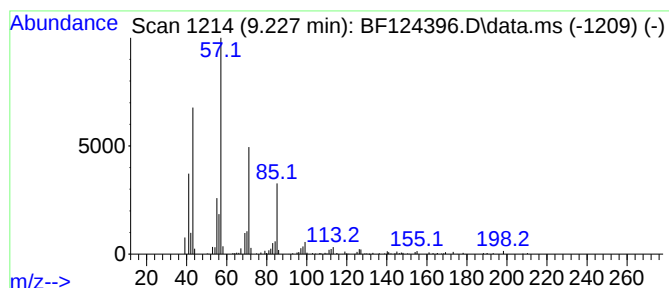
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.227	22.32 ng	589032	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	87
3			Nonadecane	268	C19H40	000629-92-5	86
4			Pentadecane	212	C15H32	000629-62-9	78
5			Undecane	156	C11H24	001120-21-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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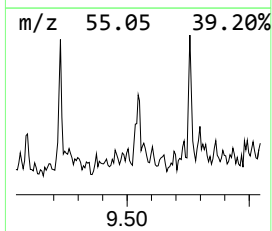
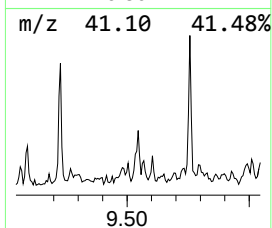
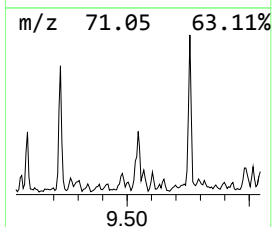
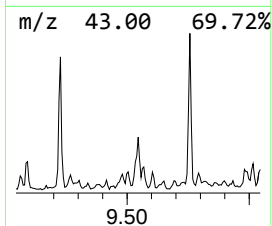
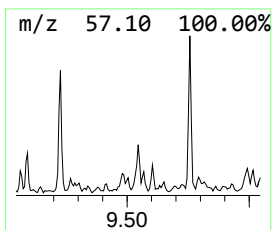
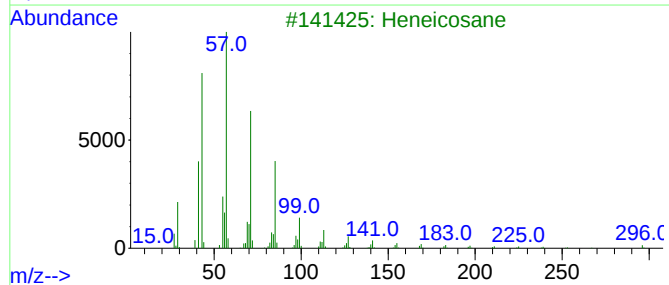
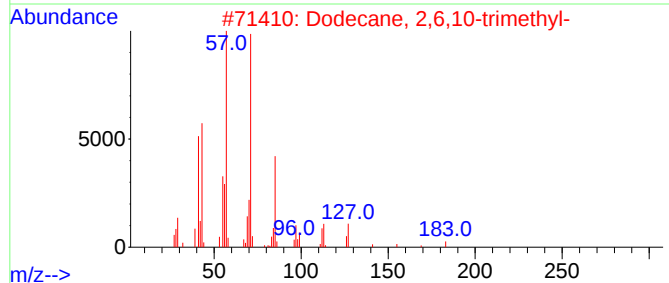
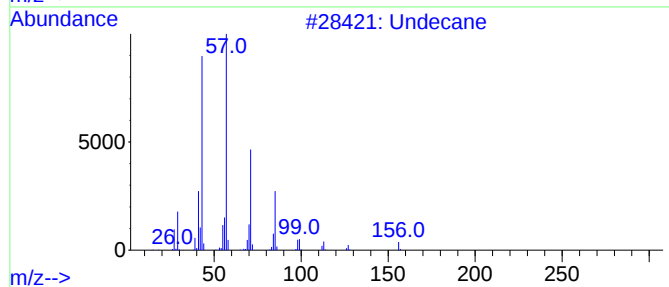
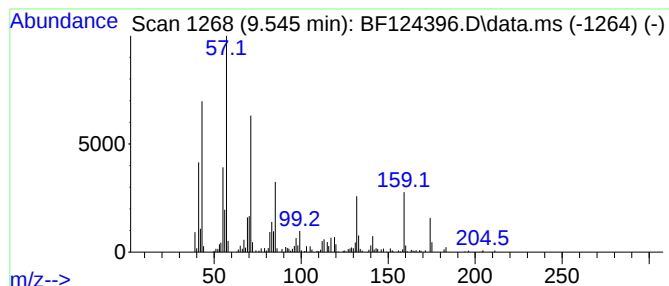
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	15.70 ng	414252	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	64
2	Dodecane, 2,6,10-trimethyl-			212	C15H32	003891-98-3	53
3	Heneicosane			296	C21H44	000629-94-7	49
4	Octane, 3,5-dimethyl-			142	C10H22	015869-93-9	46
5	Nonane, 4,5-dimethyl-			156	C11H24	017302-23-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
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Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
X-3

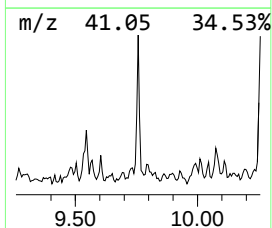
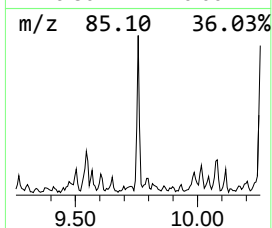
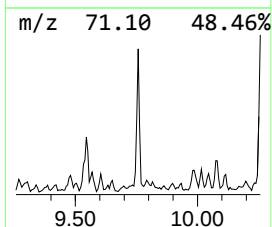
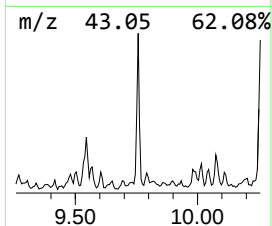
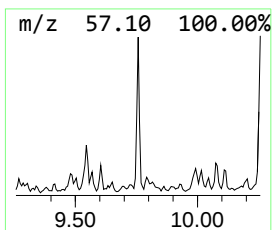
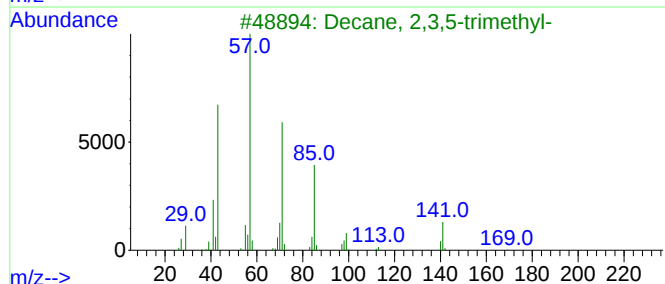
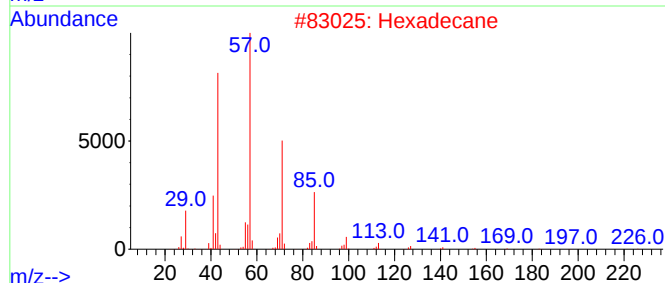
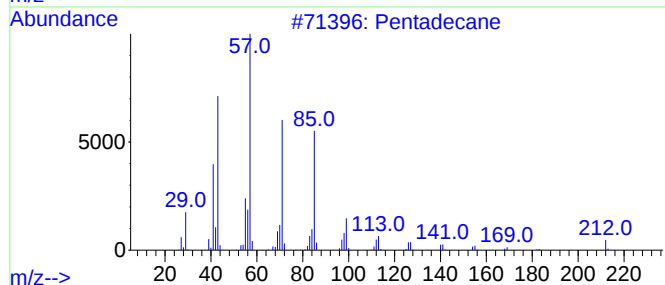
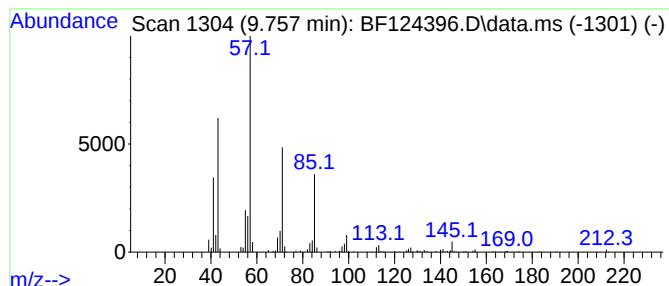
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	22.30 ng	588551	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Hexadecane	226	C16H34	000544-76-3	86
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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Acq On : 21 Jun 2021 16:37
Operator : JU/CG
Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

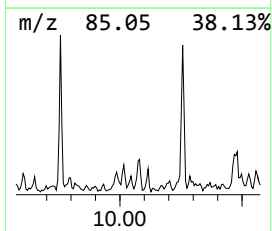
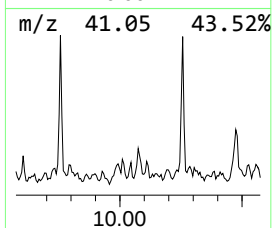
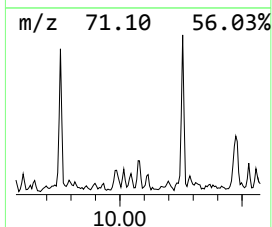
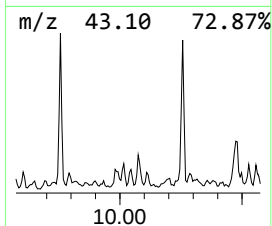
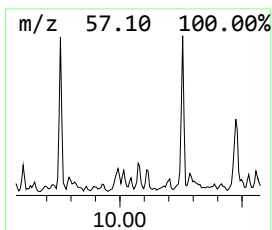
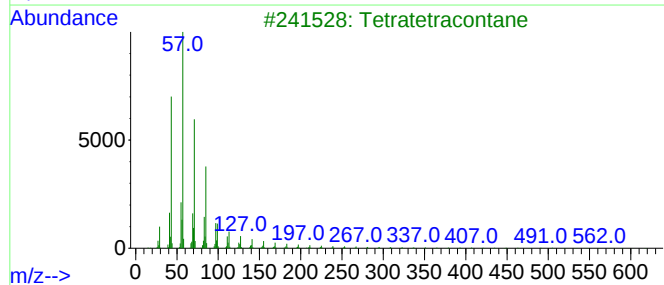
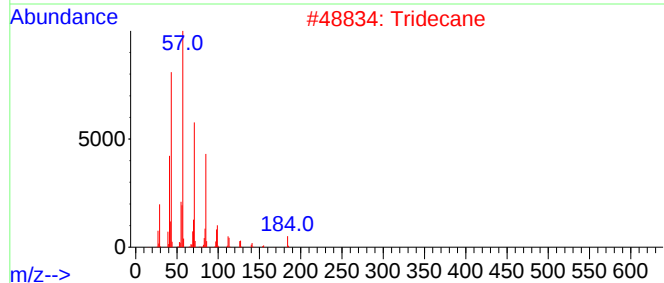
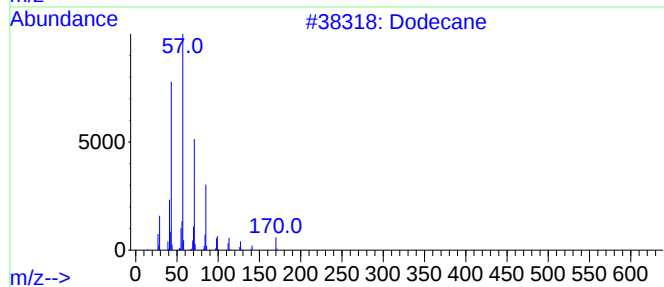
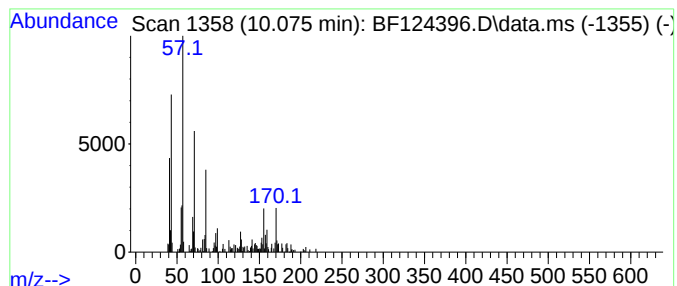
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.075	11.35 ng	299509	Acenaphthene-d10	9.827	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	68
2	Tridecane	184	C13H28	000629-50-5	60
3	Tetratetracontane	619	C44H90	007098-22-8	52
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	50
5	Eicosane	282	C20H42	000112-95-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
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Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
X-3

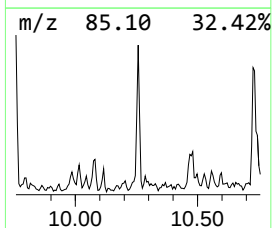
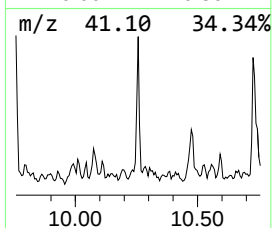
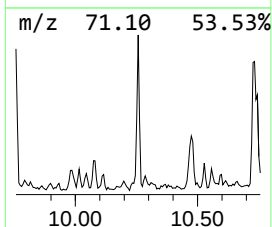
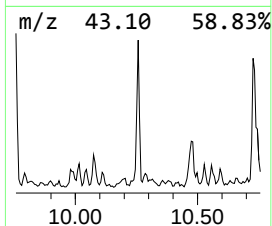
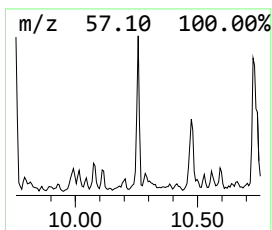
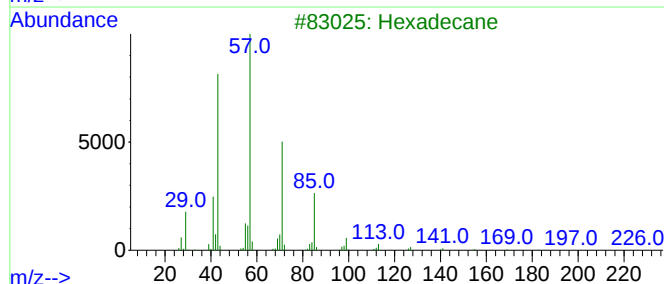
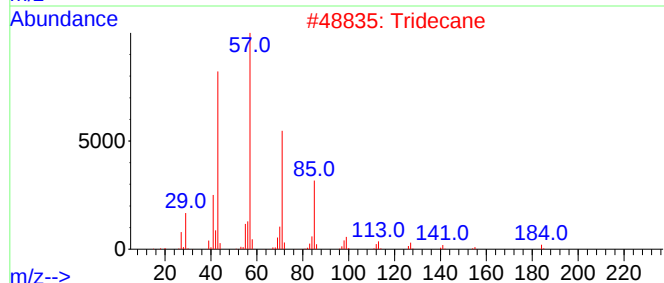
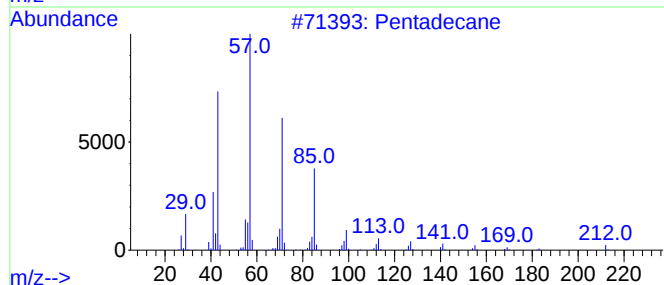
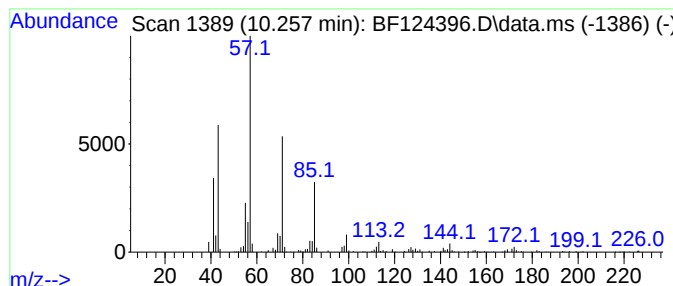
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	23.53 ng	621106	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	86
2			Tridecane	184	C13H28	000629-50-5	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Decane	142	C10H22	000124-18-5	80
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
Operator : JU/CG
Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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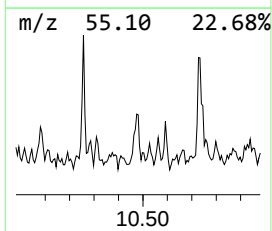
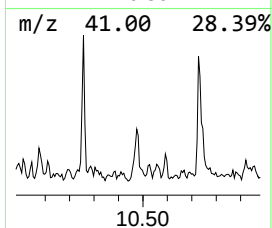
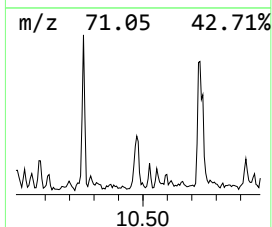
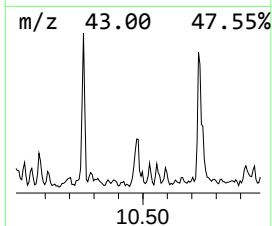
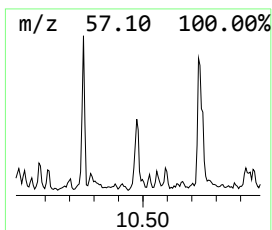
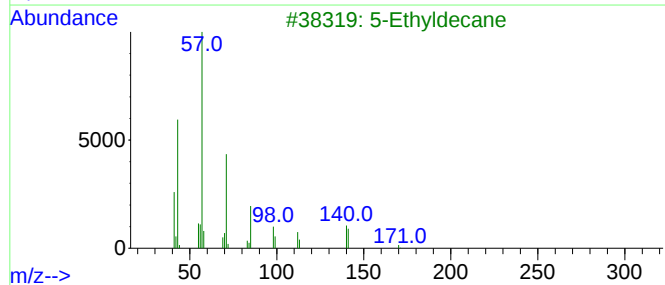
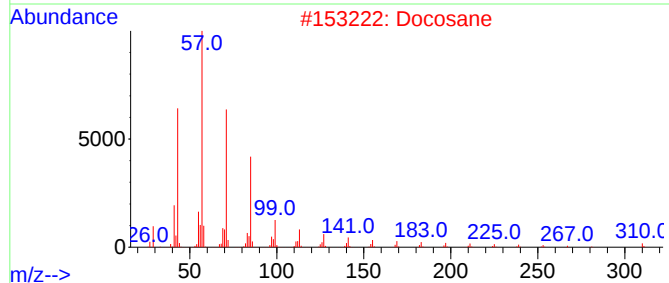
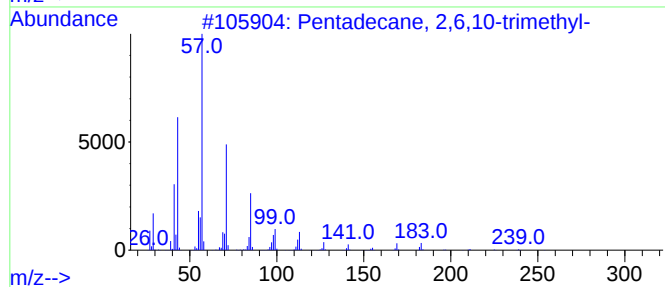
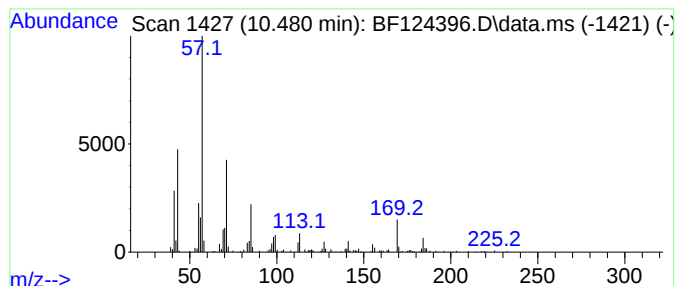
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	16.94 ng	447080	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
2			Docosane	310	C22H46	000629-97-0	58
3			5-Ethyldecane	170	C12H26	017302-36-2	58
4			Heptacosane	380	C27H56	000593-49-7	58
5			triacontane	422	C30H62	000638-68-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
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Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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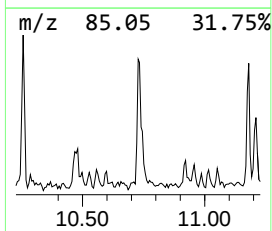
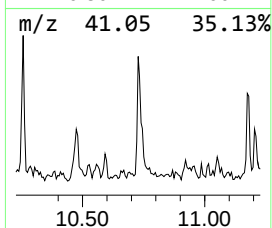
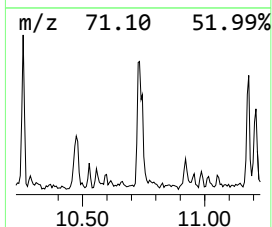
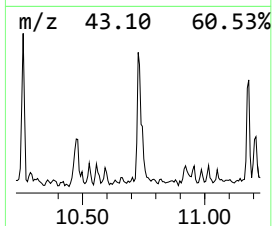
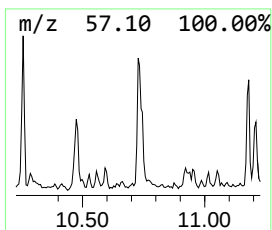
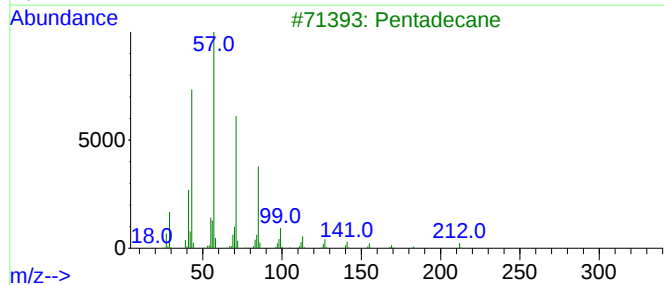
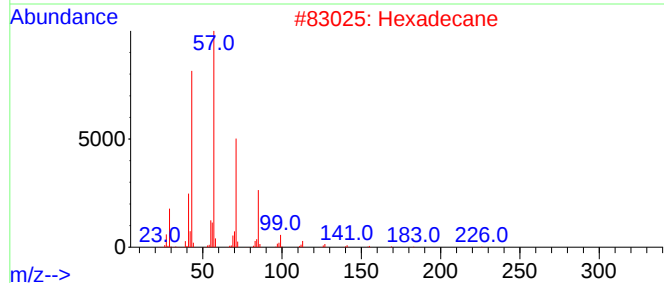
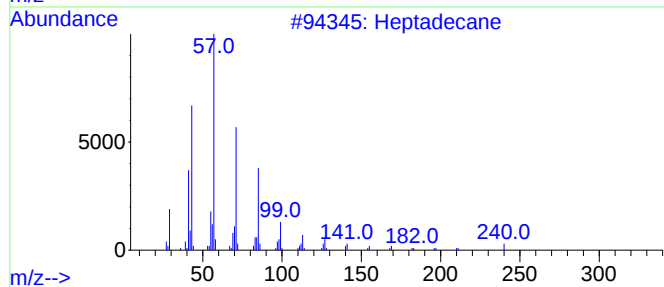
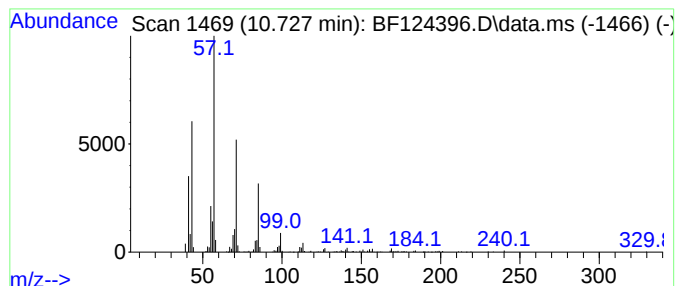
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.727	47.50 ng	898368	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
Operator : JU/CG
Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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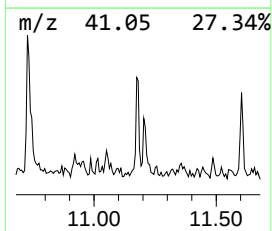
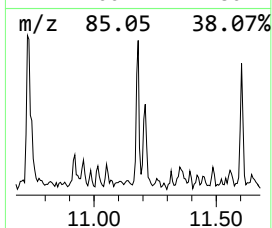
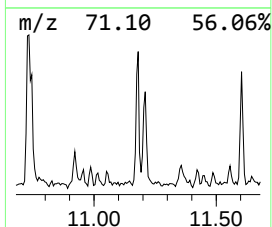
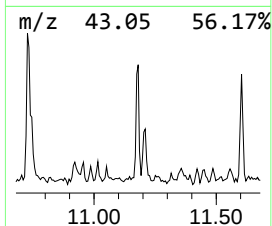
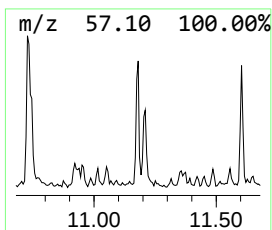
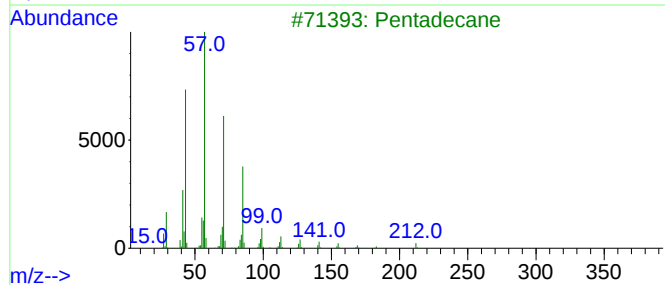
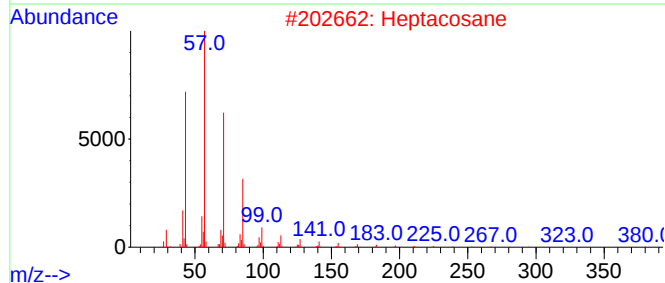
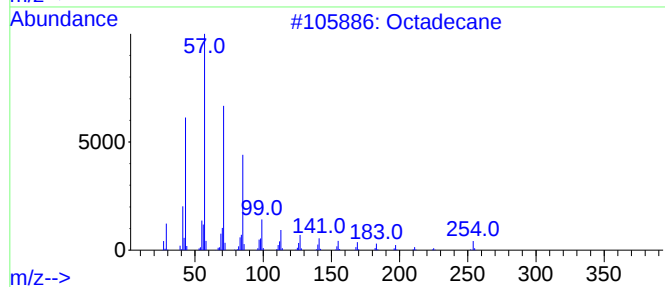
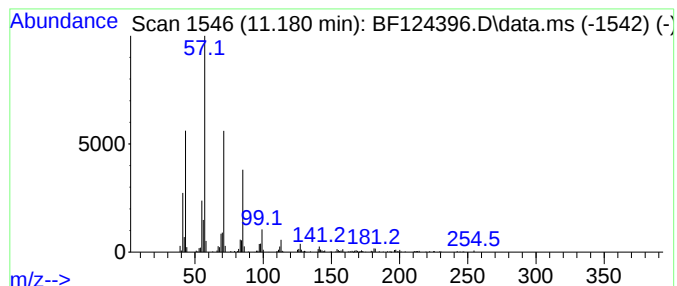
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	24.47 ng	462930	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	94
2		Heptacosane	380	C27H56	000593-49-7	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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Misc :
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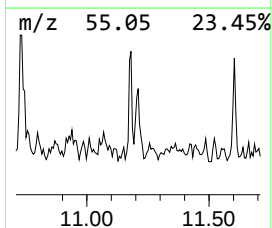
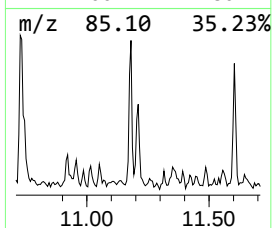
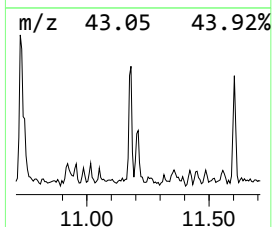
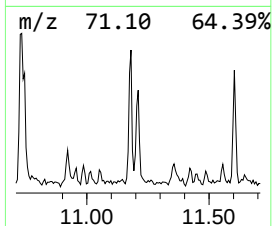
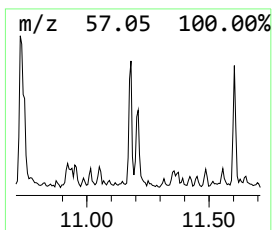
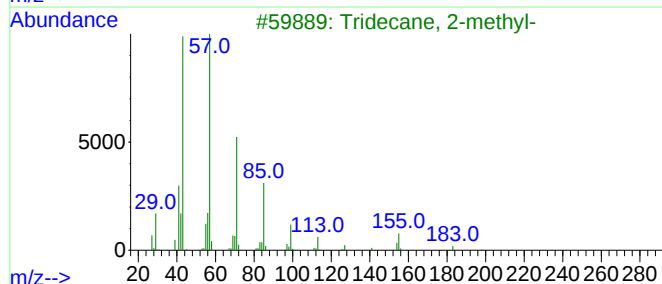
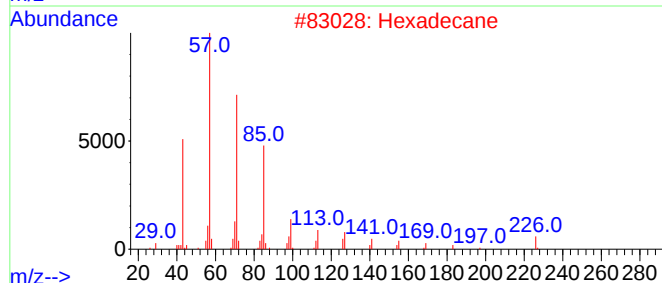
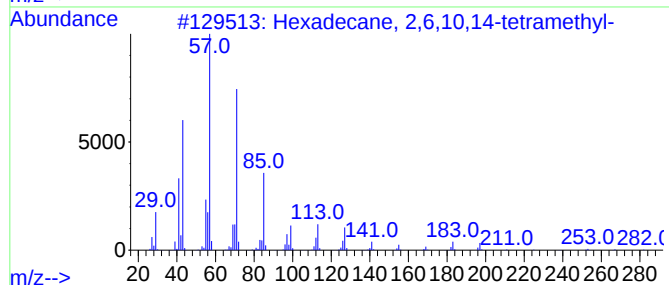
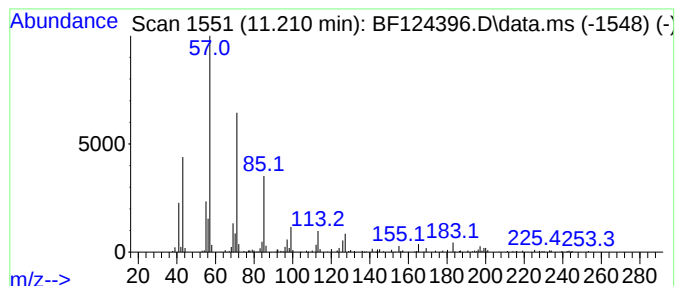
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.210	21.17 ng	400405	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4	Octacosane	394	C28H58	000630-02-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
Operator : JU/CG
Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
X-3

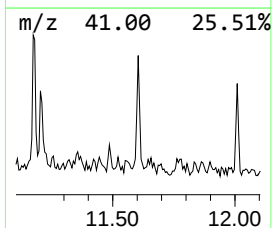
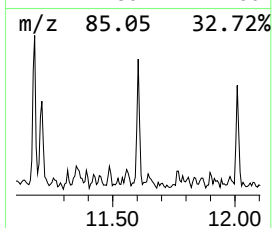
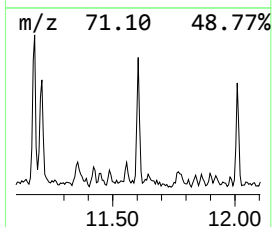
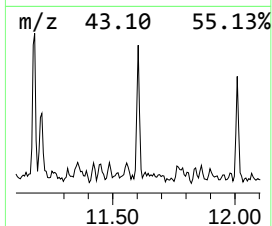
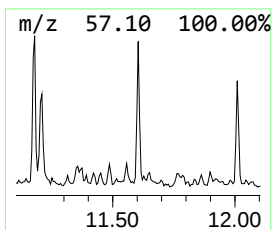
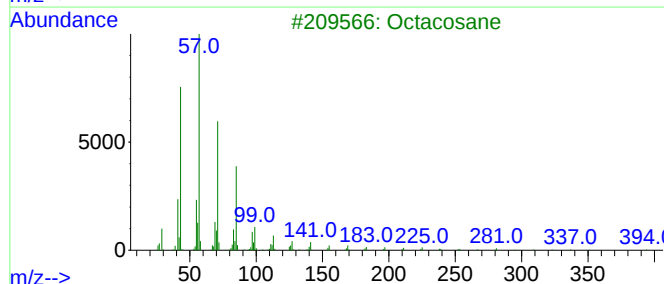
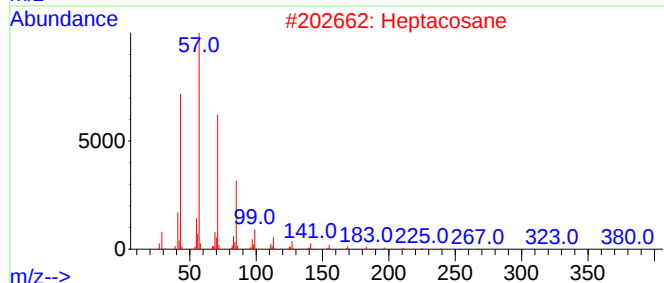
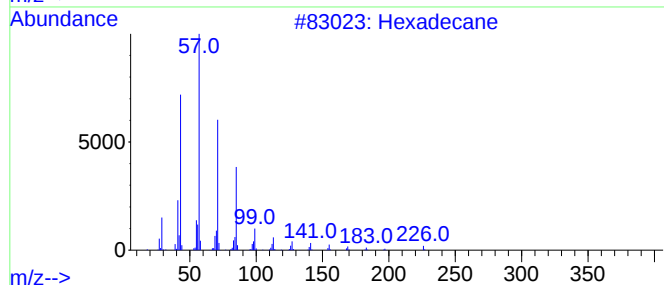
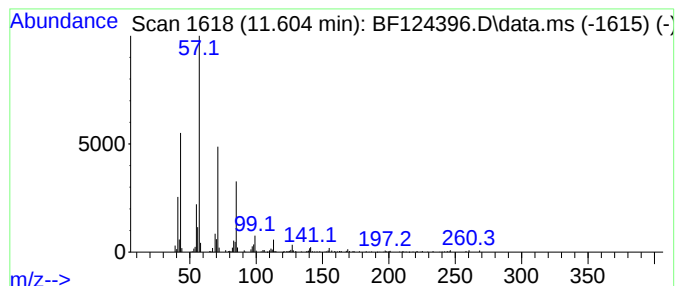
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	19.04 ng	360188	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Heptacosane	380	C27H56	000593-49-7	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Nonadecane	268	C19H40	000629-92-5	80
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
Operator : JU/CG
Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
X-3

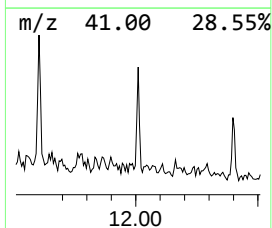
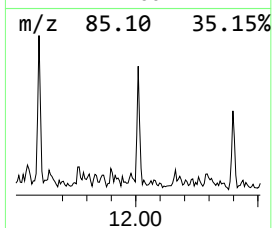
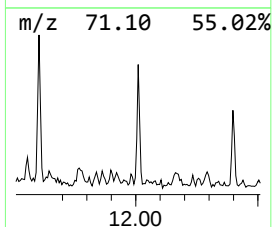
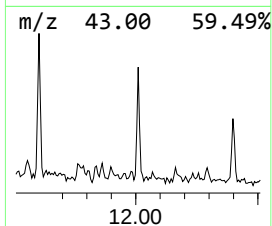
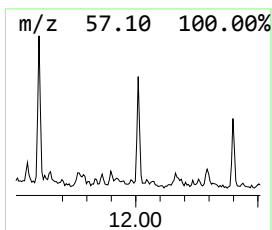
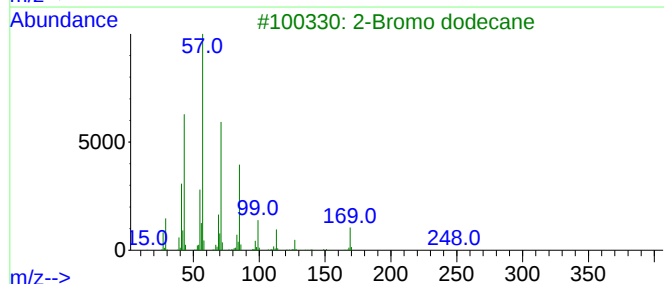
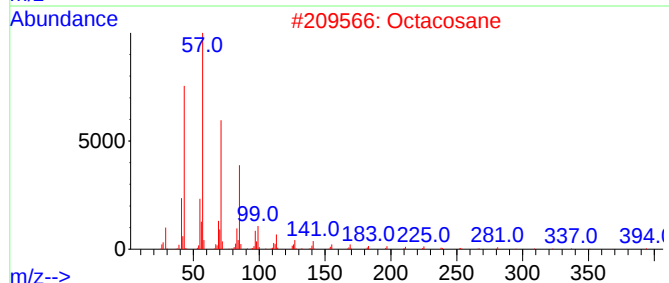
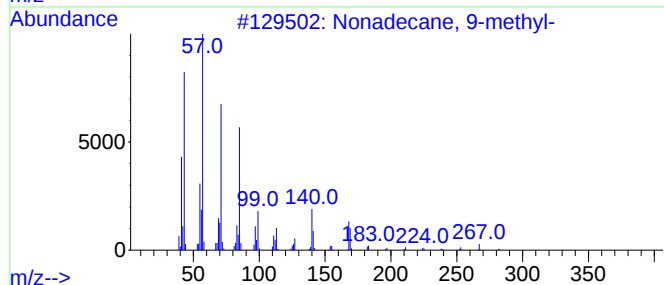
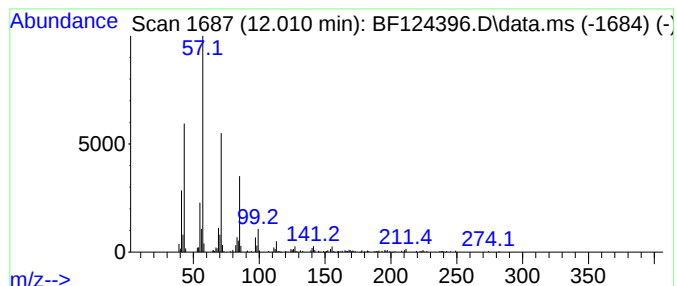
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	14.74 ng	278868	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Octacosane	394	C28H58	000630-02-4	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124396.D
Acq On : 21 Jun 2021 16:37
Operator : JU/CG
Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
X-3

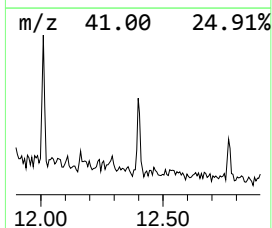
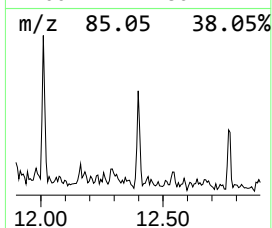
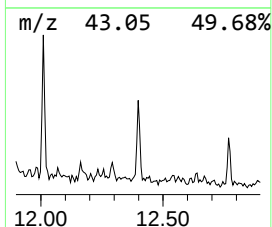
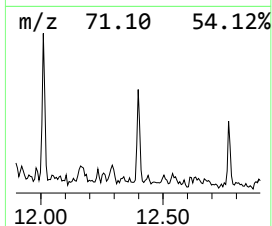
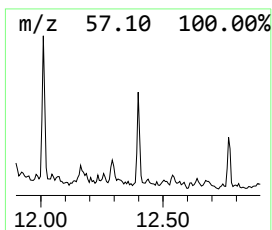
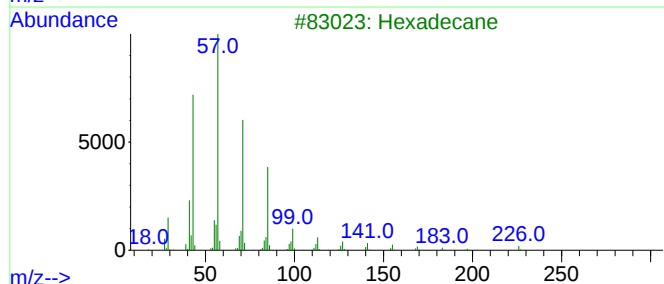
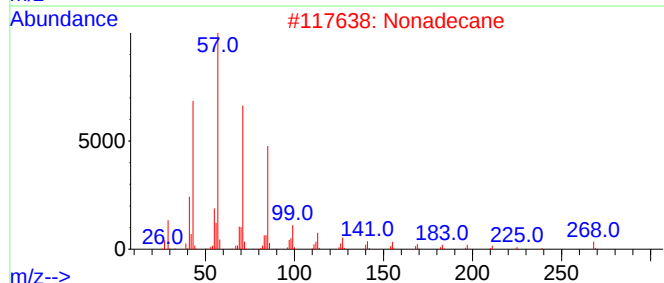
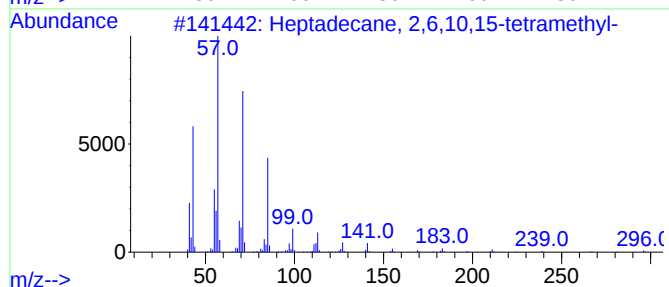
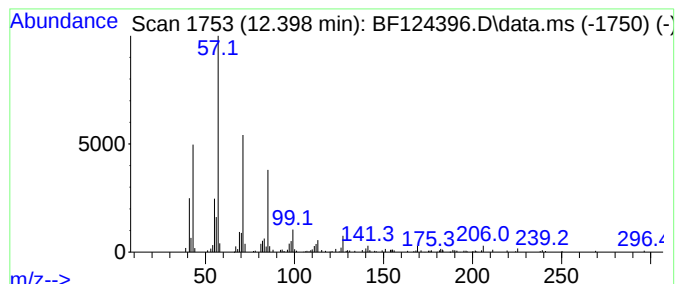
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	11.94 ng	225844	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	97
2		Nonadecane	268	C19H40	000629-92-5	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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Operator : JU/CG
Sample : M2777-03
Misc :
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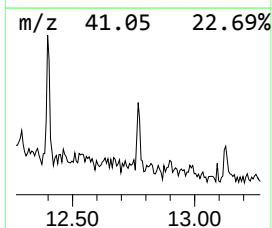
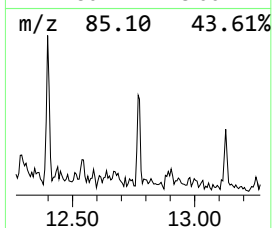
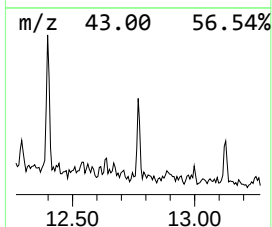
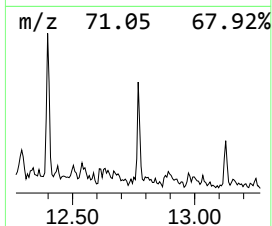
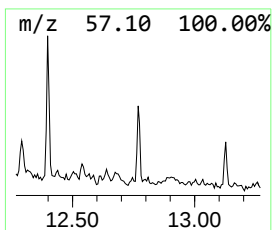
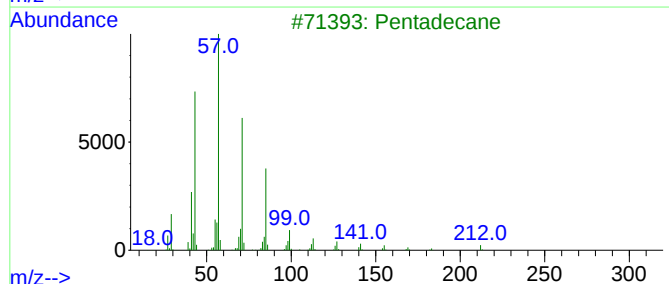
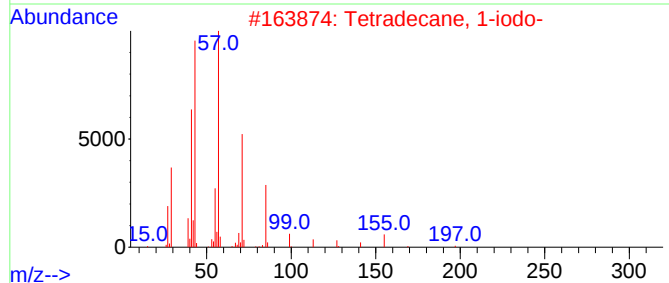
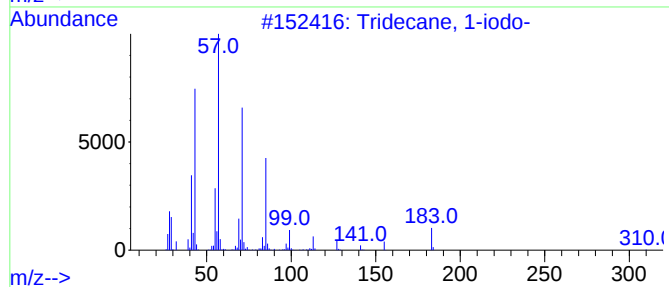
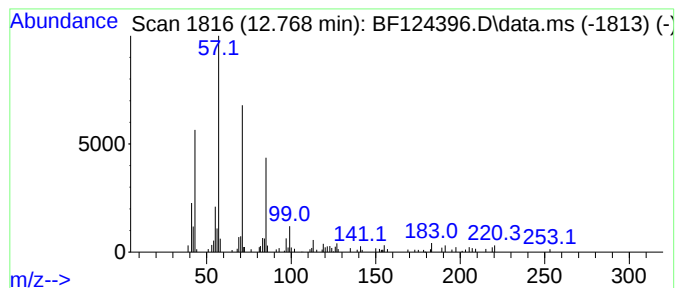
Instrument :
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.769	12.53 ng	138104	Chrysene-d12	13.957	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3	Pentadecane	212	C15H32	000629-62-9	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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Sample : M2777-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
X-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	8.263	10.7	ng	138712	2	8.069	258741	20.0
unknown8.363	8.363	13.7	ng	177650	2	8.069	258741	20.0
Benzene, (1-met...	8.451	10.1	ng	130640	2	8.069	258741	20.0
Undecane, 3,6-d...	8.486	9.6	ng	124376	2	8.069	258741	20.0
Naphthalene, 1,...	8.575	19.8	ng	255737	2	8.069	258741	20.0
Tridecane	8.663	27.9	ng	360370	2	8.069	258741	20.0
2,2-Dimethylind...	8.728	14.6	ng	189069	2	8.069	258741	20.0
Hexadecane	9.227	22.3	ng	589032	3	9.827	527849	20.0
Undecane	9.545	15.7	ng	414252	3	9.827	527849	20.0
Pentadecane	9.757	22.3	ng	588551	3	9.827	527849	20.0
Dodecane	10.075	11.4	ng	299509	3	9.827	527849	20.0
Decane	10.257	23.5	ng	621106	3	9.827	527849	20.0
Pentadecane, 2,...	10.480	16.9	ng	447080	3	9.827	527849	20.0
Heptadecane	10.727	47.5	ng	898368	4	11.316	378295	20.0
Octadecane	11.180	24.5	ng	462930	4	11.316	378295	20.0
Hexadecane, 2,6...	11.210	21.2	ng	400405	4	11.316	378295	20.0
Nonadecane	11.604	19.0	ng	360188	4	11.316	378295	20.0
Nonadecane, 9-m...	12.010	14.7	ng	278868	4	11.316	378295	20.0
Heptadecane, 2,...	12.398	11.9	ng	225844	4	11.316	378295	20.0
Tridecane, 1-iodo-	12.769	12.5	ng	138104	5	13.957	220508	20.0