

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
 Data File : BF123982.D
 Acq On : 18 May 2021 17:03
 Operator : JU/CG
 Sample : M2436-04 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

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-BF051421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123982.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	8	13	20	rVB	307397	390560	57.90%	3.239%
2	5.516	576	583	586	rBV	721294	633659	93.95%	5.254%
3	6.434	736	739	742	rBV2	23972	23417	3.47%	0.194%
4	6.522	747	754	758	rBV	728272	647194	95.95%	5.367%
5	6.740	787	791	796	rBV2	72960	92004	13.64%	0.763%
6	6.904	815	819	825	rVB	494945	390782	57.94%	3.240%
7	7.293	881	885	890	rBV3	20950	27461	4.07%	0.228%
8	7.463	910	914	917	rVB	525450	407296	60.39%	3.377%
9	7.498	917	920	925	rVB	118013	106089	15.73%	0.880%
10	7.540	925	927	932	rBV4	16216	24714	3.66%	0.205%
11	7.604	932	938	943	rBV3	10125	21746	3.22%	0.180%
12	7.940	991	995	999	rBV3	22020	26648	3.95%	0.221%
13	8.187	1031	1037	1040	rBV2	568311	596103	88.38%	4.943%
14	8.210	1040	1041	1044	rVV	60797	31956	4.74%	0.265%
15	8.251	1044	1048	1050	rVB	48839	44545	6.60%	0.369%
16	8.481	1079	1087	1092	rBV8	42979	66280	9.83%	0.550%
17	8.563	1099	1101	1105	rVB3	32245	32475	4.81%	0.269%
18	8.610	1105	1109	1111	rBV	91033	74031	10.98%	0.614%
19	8.692	1120	1123	1126	rBV3	24514	22061	3.27%	0.183%
20	8.781	1135	1138	1141	rBV	253702	180933	26.83%	1.500%
21	8.981	1167	1172	1173	rBV5	13520	23122	3.43%	0.192%
22	9.063	1183	1186	1187	rBV2	23317	21026	3.12%	0.174%
23	9.098	1190	1192	1193	rVV2	25654	24795	3.68%	0.206%
24	9.145	1196	1200	1202	rBV2	38651	41198	6.11%	0.342%
25	9.187	1204	1207	1208	rBV	36447	27721	4.11%	0.230%
26	9.210	1208	1211	1216	rVB	110119	89650	13.29%	0.743%
27	9.263	1216	1220	1223	rBV	905303	674486	100.00%	5.593%
28	9.345	1230	1234	1239	rBV	380737	312276	46.30%	2.589%
29	9.534	1262	1266	1269	rVB5	30619	35333	5.24%	0.293%
30	9.604	1275	1278	1279	rVV2	56903	53655	7.95%	0.445%
31	9.622	1279	1281	1284	rVV3	38661	38292	5.68%	0.318%
32	9.663	1284	1288	1291	rVV4	168242	261829	38.82%	2.171%
33	9.686	1291	1292	1295	rVV3	52395	31867	4.72%	0.264%
34	9.722	1295	1298	1301	rVB2	48544	45071	6.68%	0.374%
35	9.757	1301	1304	1308	rVB5	15387	21688	3.22%	0.180%
36	9.816	1310	1314	1317	rBV6	16334	21883	3.24%	0.181%

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Integrator: RTE

Smoother: ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.875	1321	1324	1327	rVV	447003	311375	46.16%	2.582%
38	9.916	1328	1331	1333	rVV4	20110	24396	3.62%	0.202%
39	9.945	1333	1336	1339	rVV	619392	498103	73.85%	4.130%
40	9.981	1339	1342	1344	rVB4	22394	20733	3.07%	0.172%

41	10.051	1351	1354	1358	rVB5	32388	37845	5.61%	0.314%
42	10.104	1358	1363	1366	rBV5	35287	54326	8.05%	0.450%
43	10.139	1366	1369	1372	rVV5	61078	80575	11.95%	0.668%
44	10.198	1375	1379	1382	rVV3	56714	92365	13.69%	0.766%
45	10.233	1382	1385	1387	rVB2	30553	24504	3.63%	0.203%

46	10.263	1387	1390	1392	rBV3	28608	29885	4.43%	0.248%
47	10.351	1401	1405	1406	rBV3	33684	31374	4.65%	0.260%
48	10.375	1406	1409	1412	rVB	424663	293510	43.52%	2.434%
49	10.433	1416	1419	1424	rVB7	23826	35941	5.33%	0.298%
50	10.486	1424	1428	1431	rBV6	34707	50394	7.47%	0.418%

51	10.598	1441	1447	1452	rVB	130104	159089	23.59%	1.319%
52	10.645	1452	1455	1459	rBV4	29021	38198	5.66%	0.317%
53	10.675	1459	1460	1464	rVB4	23139	23680	3.51%	0.196%
54	10.728	1464	1469	1473	rBV2	427955	377864	56.02%	3.133%
55	10.845	1486	1489	1495	rBV	343339	459763	68.16%	3.812%

56	10.933	1500	1504	1508	rVB6	15988	20923	3.10%	0.173%
57	11.039	1517	1522	1524	rBV4	38764	40030	5.93%	0.332%
58	11.069	1524	1527	1530	rVB4	22267	29947	4.44%	0.248%
59	11.175	1540	1545	1546	rBV5	20893	24191	3.59%	0.201%
60	11.298	1562	1566	1568	rVV	229866	210001	31.13%	1.741%

61	11.328	1568	1571	1577	rVB	117966	113913	16.89%	0.945%
62	11.428	1585	1588	1591	rBV	417142	402047	59.61%	3.334%
63	11.451	1591	1592	1595	rVB	98787	69477	10.30%	0.576%
64	11.675	1628	1630	1634	rVB4	25223	24440	3.62%	0.203%
65	11.722	1635	1638	1642	rVB	192675	150895	22.37%	1.251%

66	11.933	1671	1674	1675	rVV2	33586	31265	4.64%	0.259%
67	11.957	1675	1678	1681	rVV2	54835	65446	9.70%	0.543%
68	12.010	1684	1687	1690	rVV4	16212	22093	3.28%	0.183%
69	12.039	1690	1692	1695	rVV2	39502	46826	6.94%	0.388%
70	12.069	1695	1697	1700	rVB4	22611	22056	3.27%	0.183%

71	12.133	1704	1708	1711	rVV	121085	101291	15.02%	0.840%
72	12.410	1752	1755	1757	rBV2	27196	25228	3.74%	0.209%
73	12.480	1764	1767	1770	rBV2	38273	35863	5.32%	0.297%
74	12.522	1770	1774	1776	rVV	95895	86851	12.88%	0.720%
75	12.645	1791	1795	1798	rBV	153980	137398	20.37%	1.139%

76	12.875	1828	1834	1836	rBV	126122	147939	21.93%	1.227%
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77	12.892	1836	1837	1840	rVV2	71688	43121	6.39%	0.358%
78	12.927	1840	1843	1847	rVB5	15675	25163	3.73%	0.209%
79	13.016	1854	1858	1861	rBV	589336	484188	71.79%	4.015%
80	13.092	1868	1871	1875	rVB6	16469	24310	3.60%	0.202%
81	13.151	1878	1881	1884	rBV5	16795	24780	3.67%	0.205%
82	13.198	1887	1889	1893	rVB4	28944	30610	4.54%	0.254%
83	13.251	1895	1898	1900	rBV	45859	42884	6.36%	0.356%
84	13.304	1903	1907	1910	rBV6	27531	41869	6.21%	0.347%
85	13.592	1953	1956	1959	rBV2	33819	29623	4.39%	0.246%
86	13.680	1968	1971	1973	rBV4	16079	21437	3.18%	0.178%
87	13.921	2008	2012	2019	rVB3	84003	128954	19.12%	1.069%
88	14.074	2033	2038	2040	rBV2	377134	400127	59.32%	3.318%
89	14.098	2040	2042	2044	rVB	59554	42188	6.25%	0.350%
90	14.239	2063	2066	2068	rVB3	27255	21988	3.26%	0.182%
91	14.545	2116	2118	2123	rVB5	42216	38780	5.75%	0.322%
92	14.857	2169	2171	2175	rVB4	41794	42735	6.34%	0.354%
93	15.133	2214	2218	2220	rBV	38799	51678	7.66%	0.429%
94	15.210	2227	2231	2234	rBV2	45860	66924	9.92%	0.555%
95	15.498	2278	2280	2284	rVB3	31999	32751	4.86%	0.272%
96	15.568	2287	2292	2295	rVV	192453	267237	39.62%	2.216%
97	15.604	2295	2298	2302	rVB6	57382	76401	11.33%	0.634%
98	16.063	2373	2376	2379	rBV5	23688	30246	4.48%	0.251%
99	16.304	2412	2417	2422	rBV9	22146	45329	6.72%	0.376%
100	17.357	2592	2596	2601	rBV7	18258	30390	4.51%	0.252%

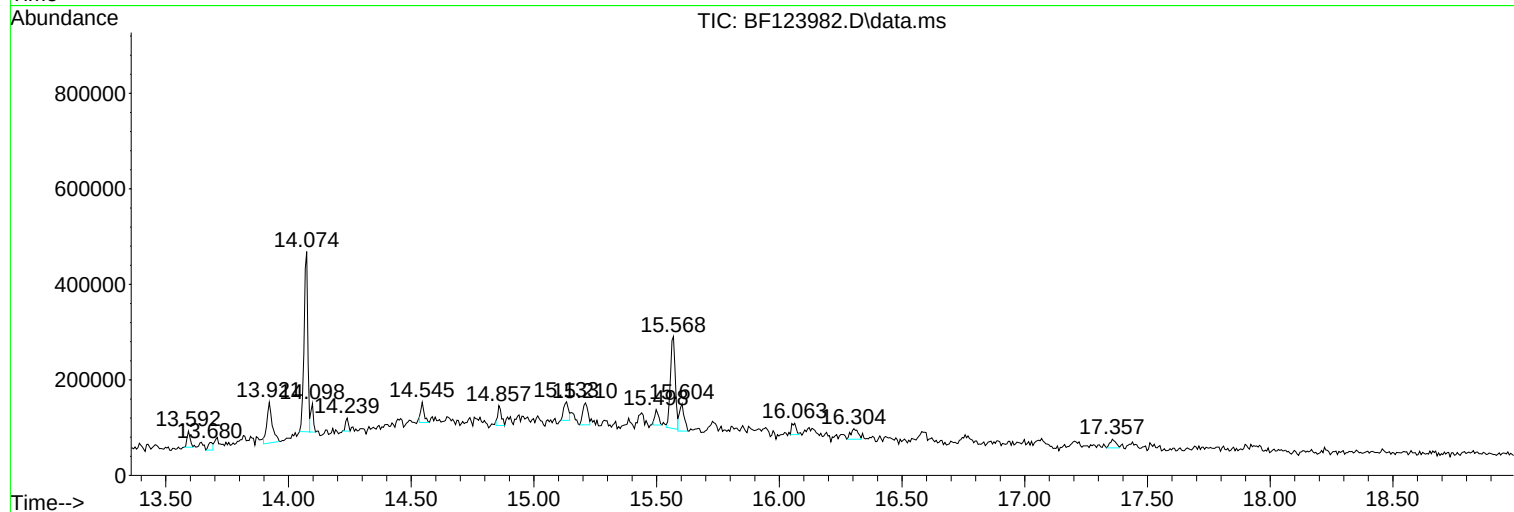
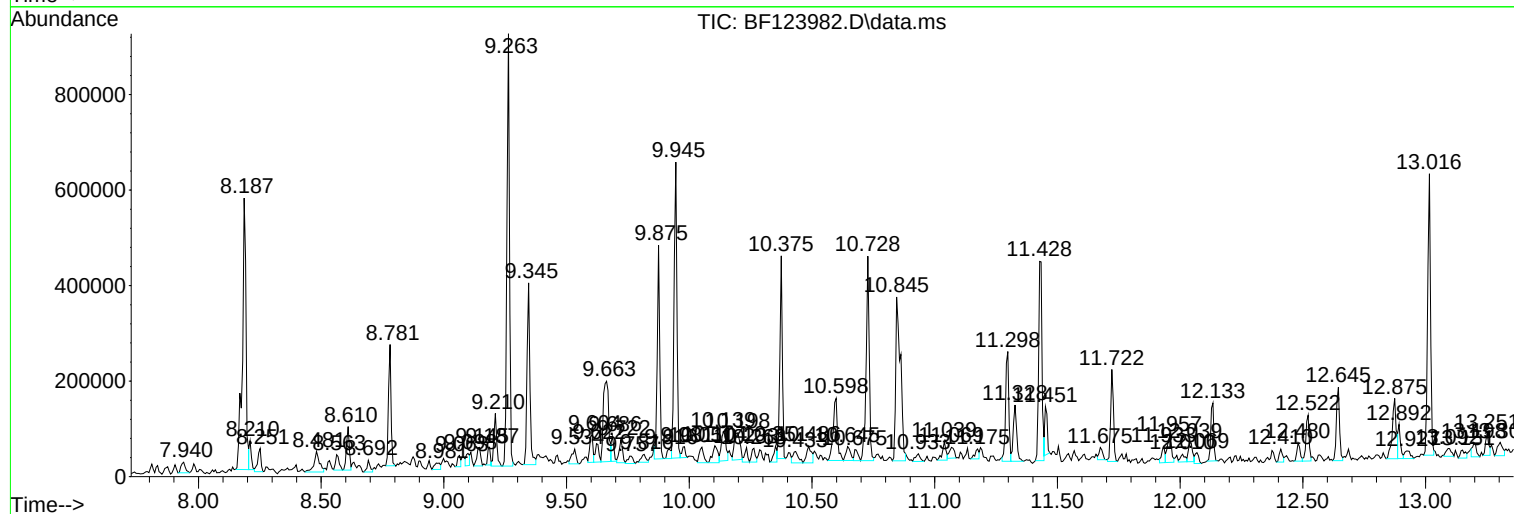
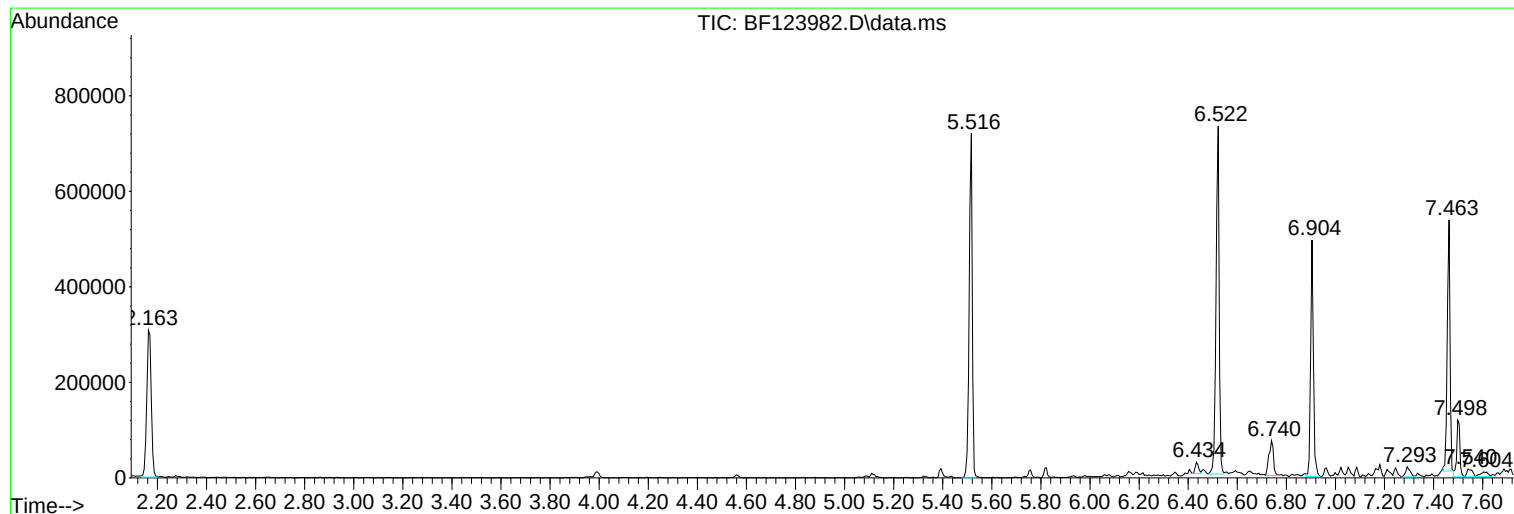
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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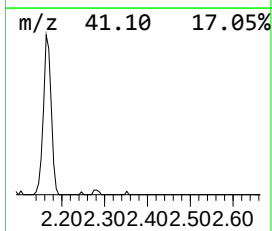
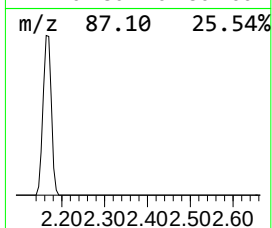
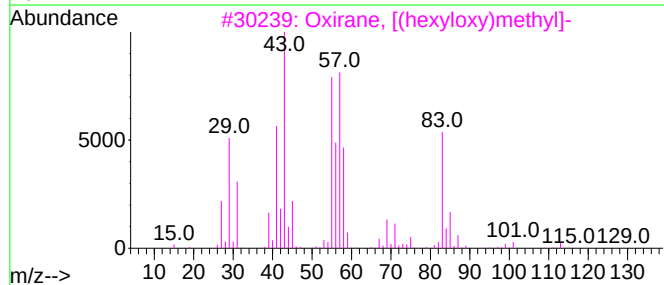
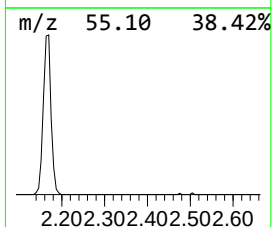
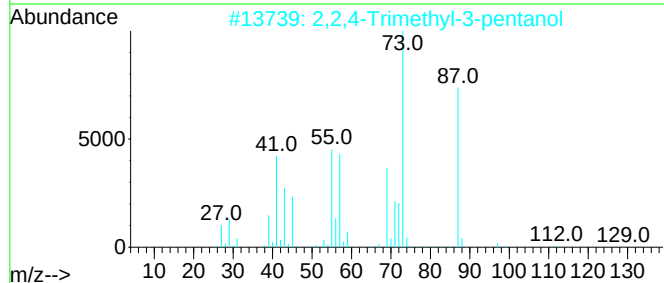
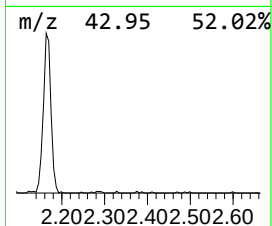
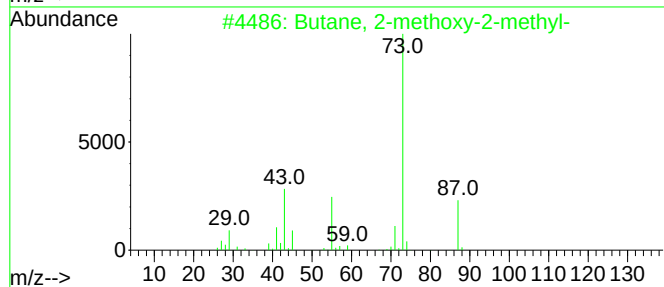
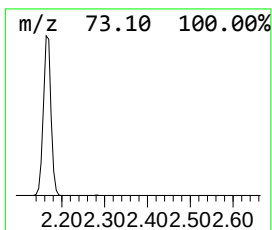
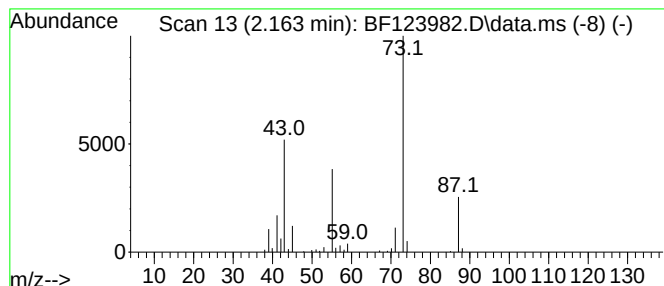
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	19.99 ng	390560	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3			Oxirane, [(hexyloxy)methyl]-	158	C9H18O2	005926-90-9	17
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5			Propanoic acid, 2-oxo-	88	C3H4O3	000127-17-3	9



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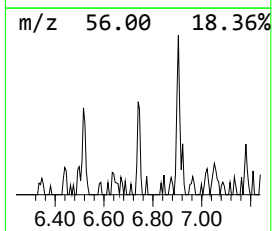
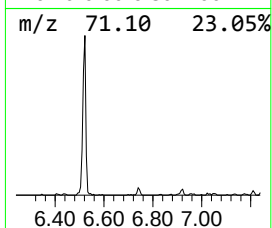
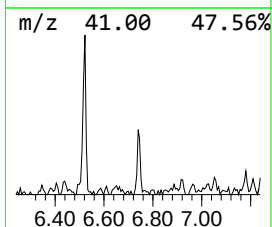
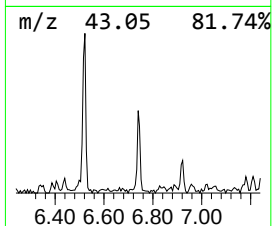
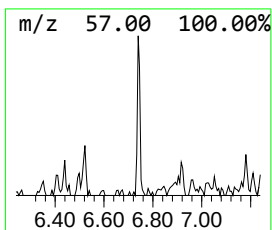
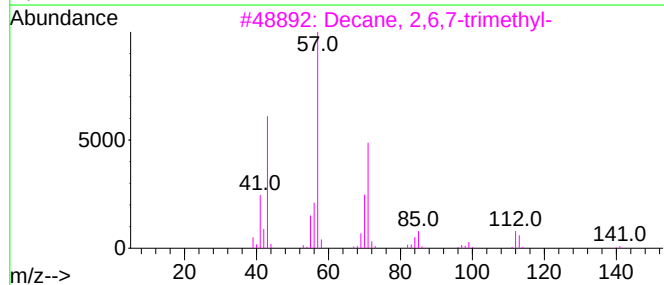
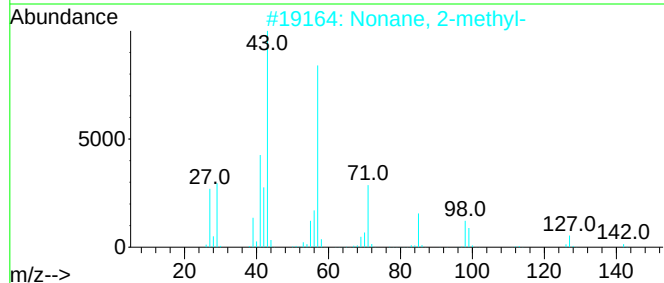
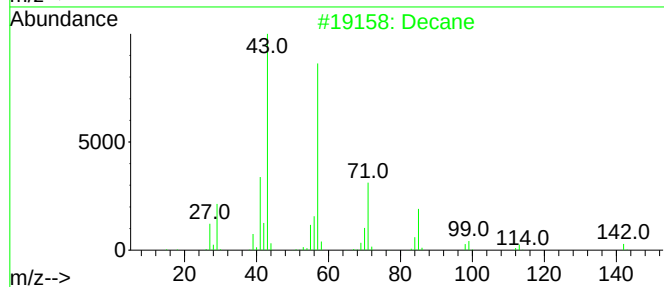
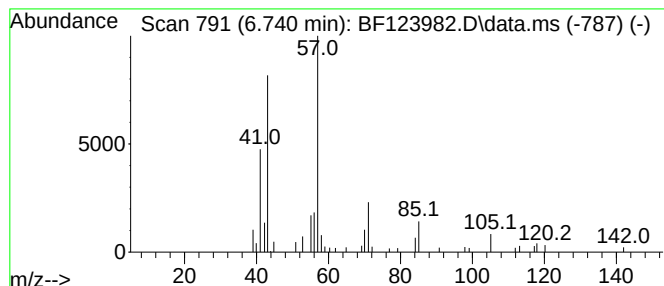
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.740	4.71 ng	92004	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	83
2			Nonane, 2-methyl-	142	C10H22	000871-83-0	72
3			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
4			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	59
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53



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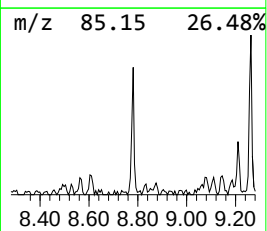
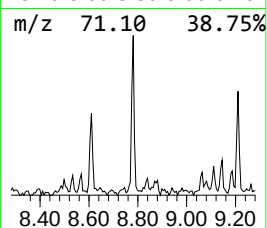
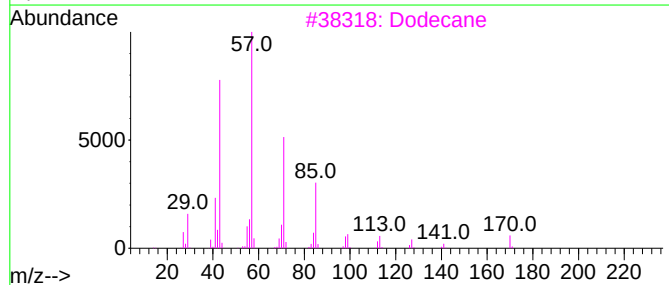
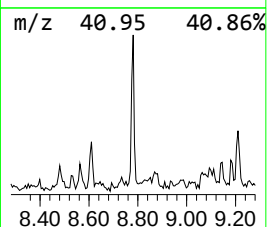
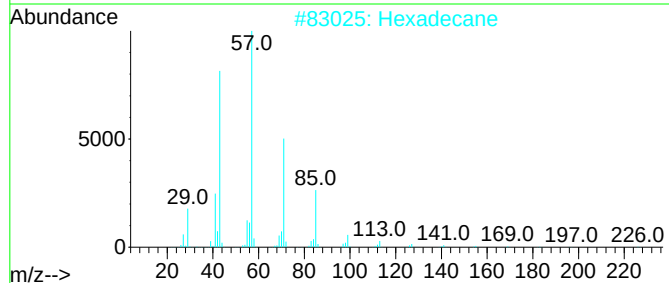
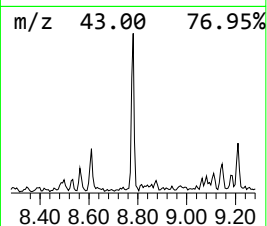
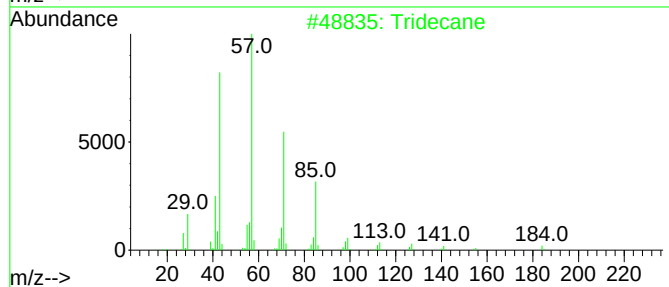
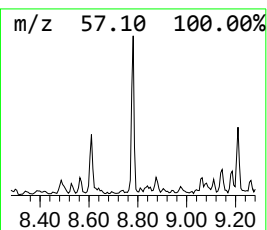
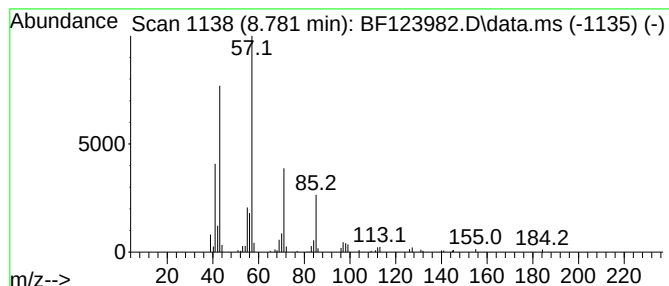
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.781	6.07 ng	180933	Naphthalene-d8	8.187

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	83
2			Hexadecane	226	C16H34	000544-76-3	83
3			Dodecane	170	C12H26	000112-40-3	83
4			Undecane	156	C11H24	001120-21-4	72
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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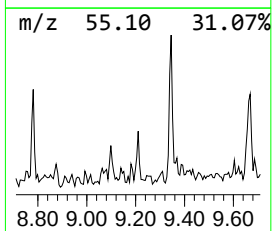
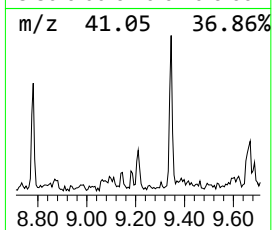
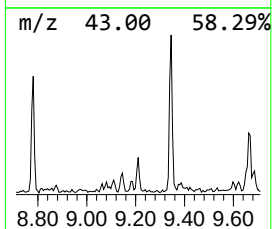
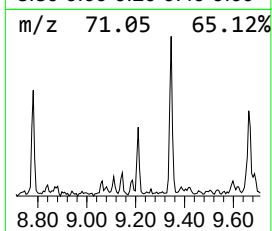
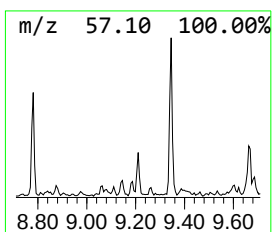
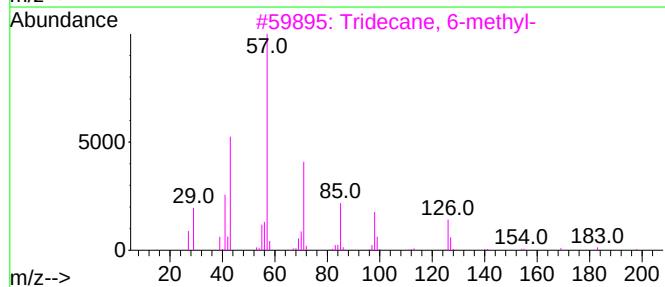
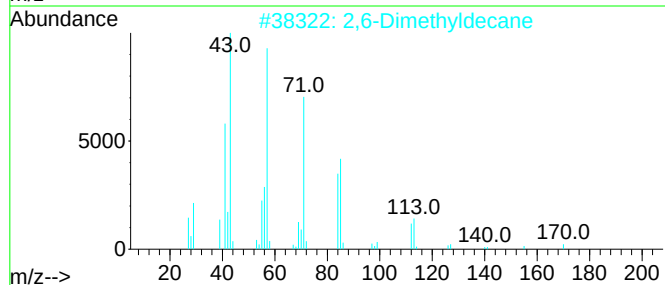
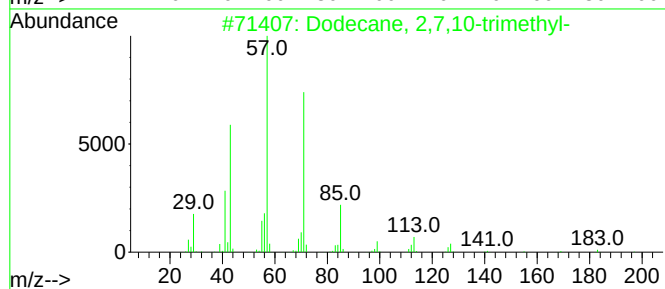
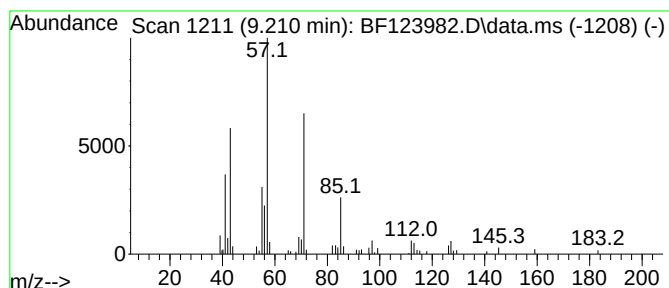
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.210	3.60 ng	89650	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
2			2,6-Dimethyldecane	170	C12H26	013150-81-7	59
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
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Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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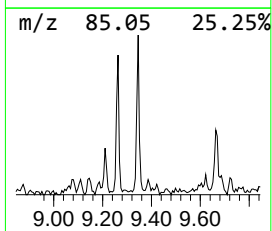
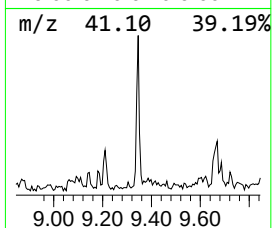
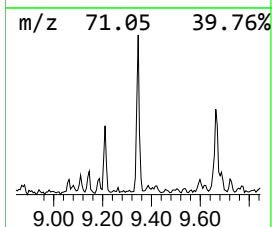
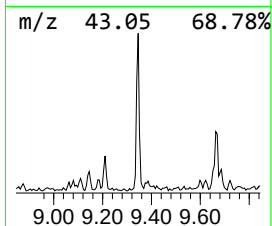
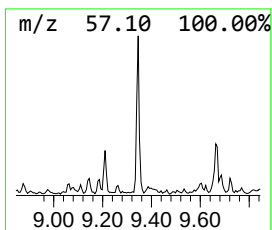
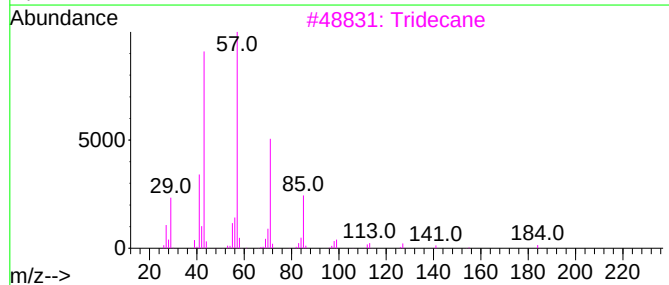
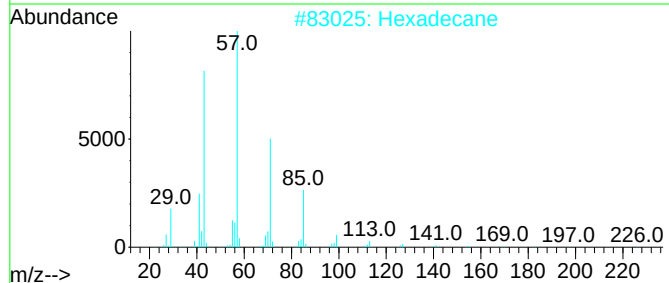
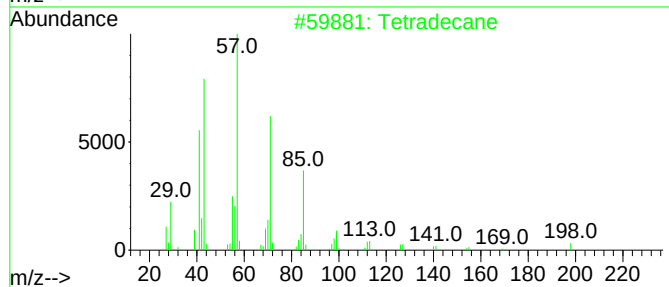
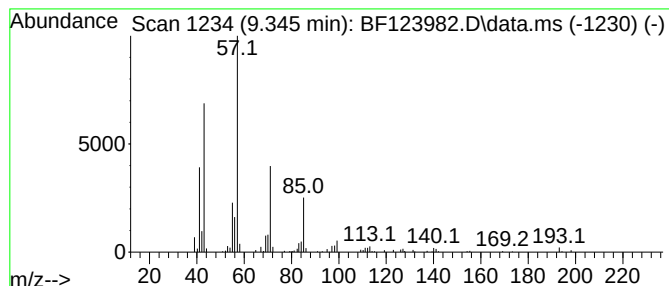
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	12.54 ng	312276	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tridecane	184	C13H28	000629-50-5	86
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
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Sample : M2436-04 2X
Misc :
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ClientSampleId :
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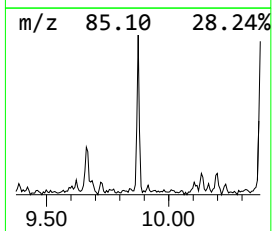
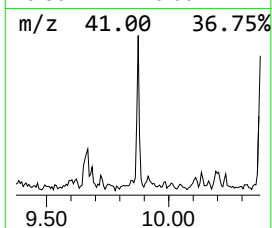
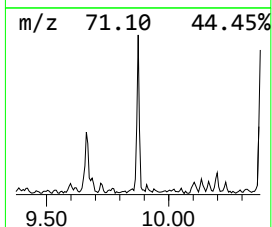
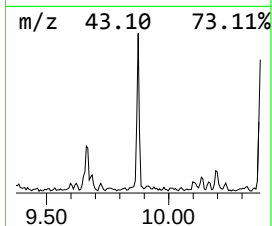
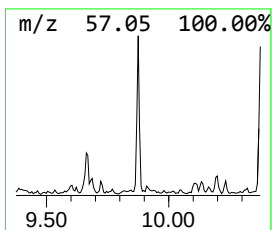
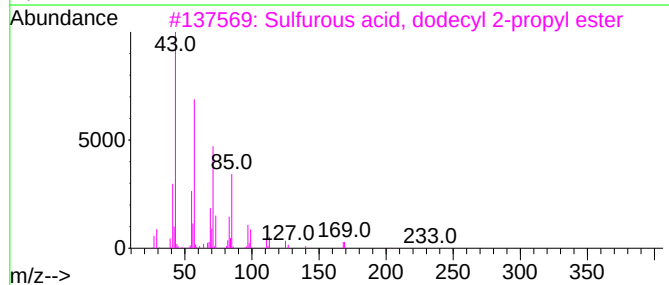
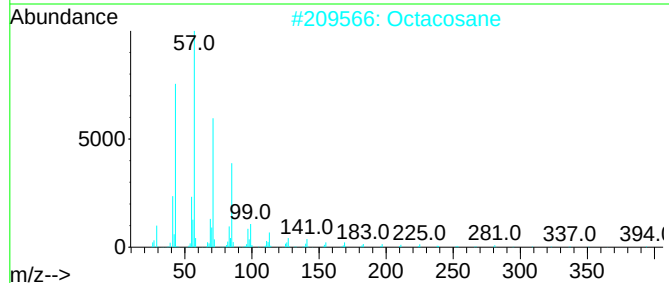
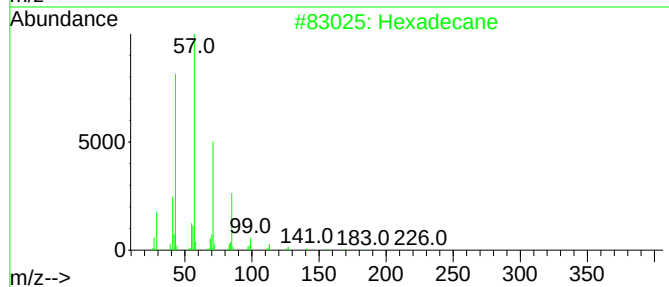
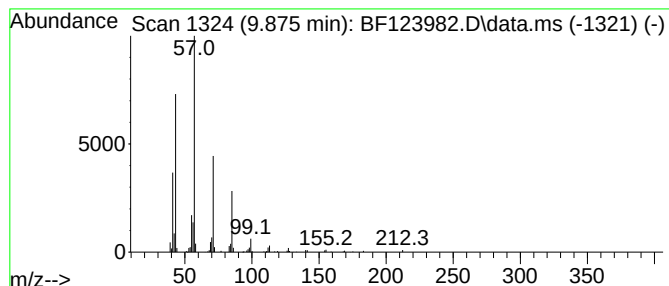
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.875	12.50 ng	311375	Acenaphthene-d10	9.945

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Octacosane	394	C28H58	000630-02-4	83
3		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	72
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
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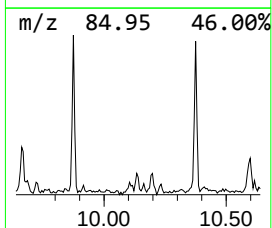
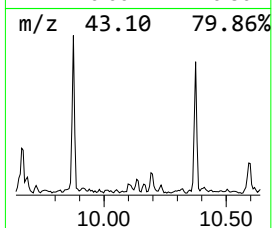
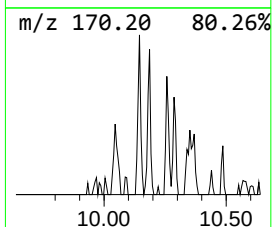
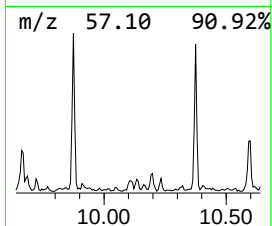
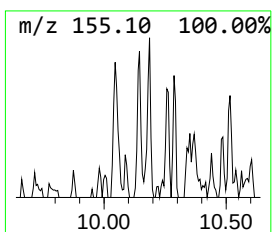
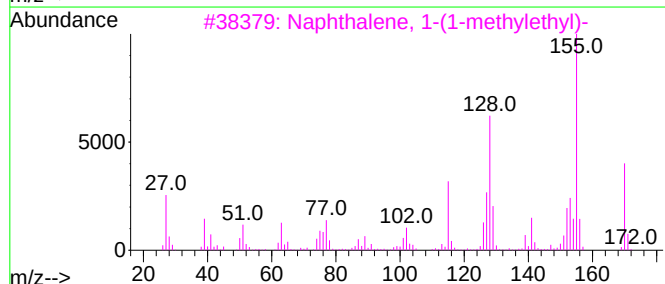
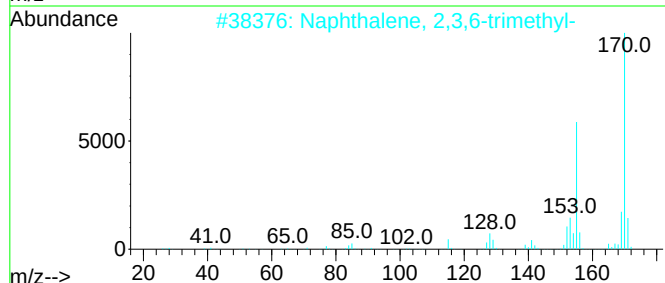
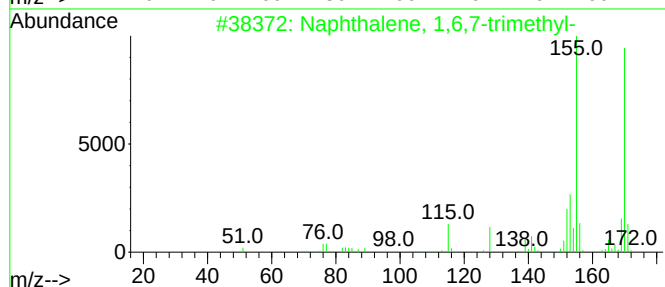
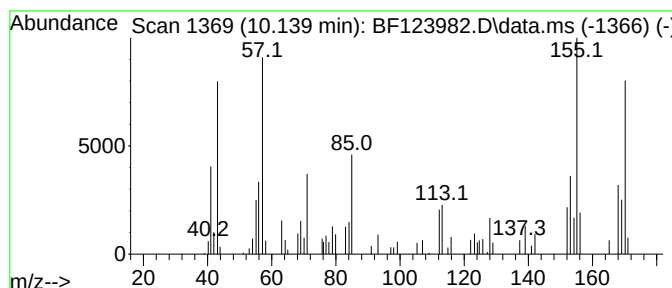
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.139	3.24 ng	80575	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58
3	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	50
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
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Sample : M2436-04 2X
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Instrument :
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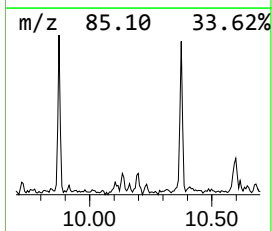
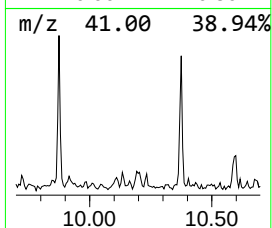
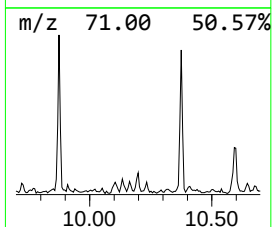
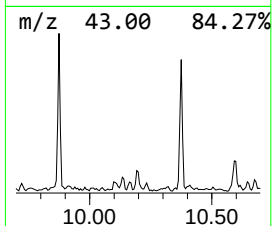
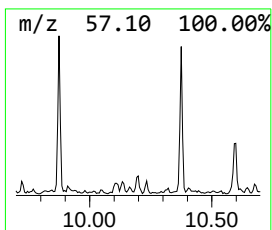
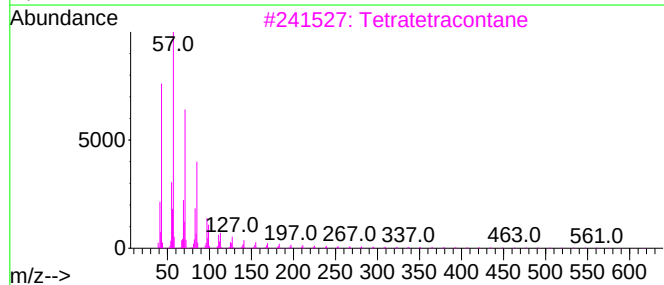
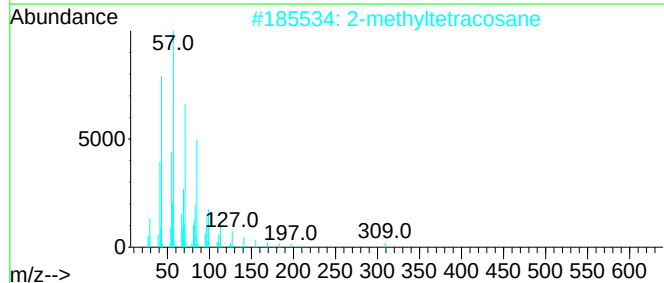
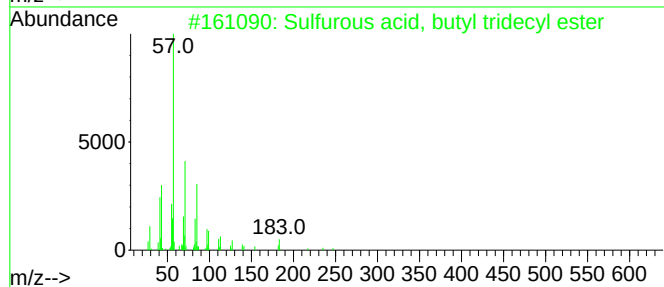
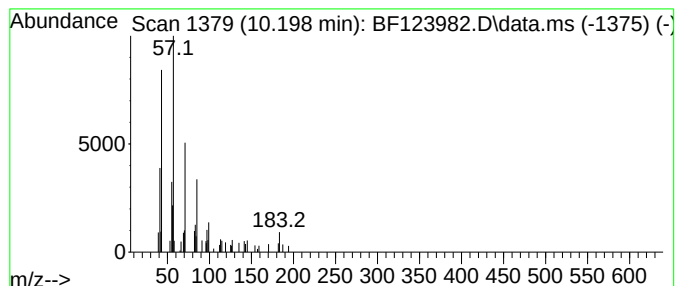
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, butyl tridec... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	3.71 ng	92365	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
2			2-methyltetracosane	352	C25H52	1000376-72-6	64
3			Tetratetracontane	619	C44H90	007098-22-8	64
4			Dodecane	170	C12H26	000112-40-3	64
5			Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
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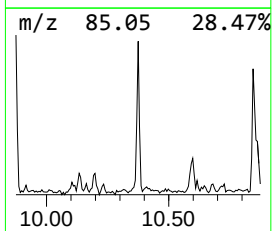
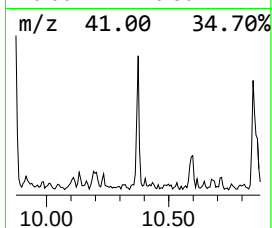
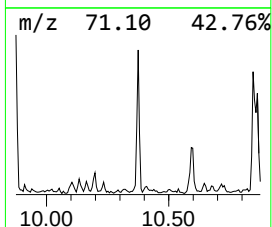
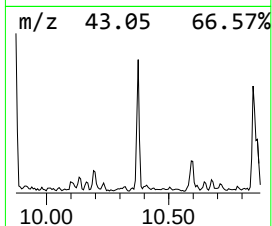
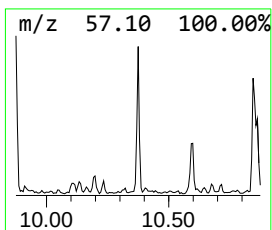
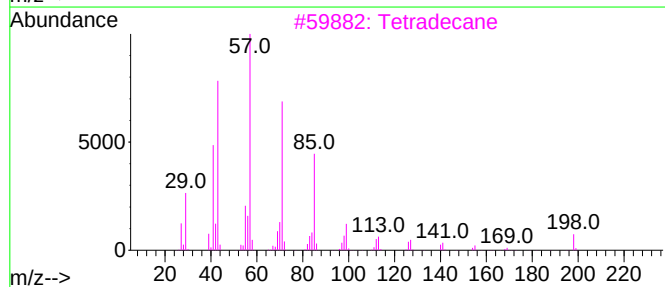
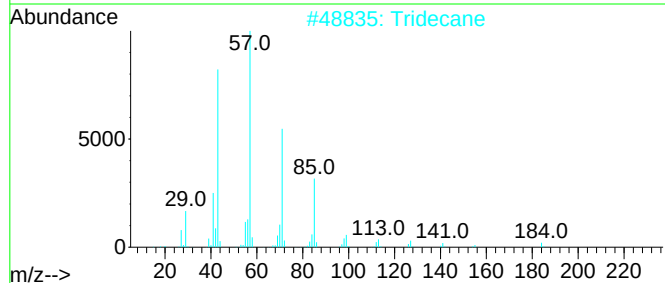
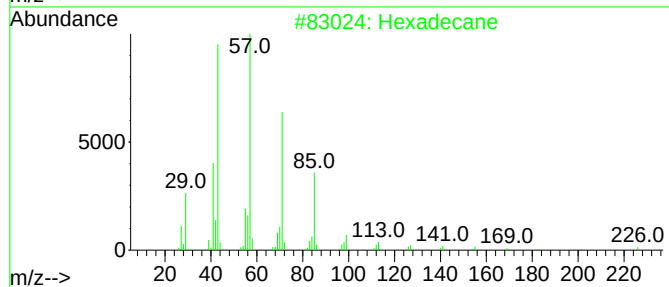
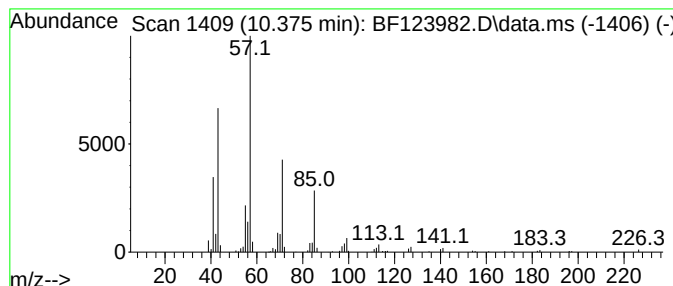
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.375	11.79 ng	293510	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane	156	C11H24	001120-21-4	80
5	Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
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ALS Vial : 9 Sample Multiplier: 1

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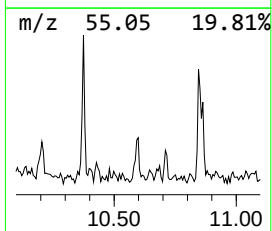
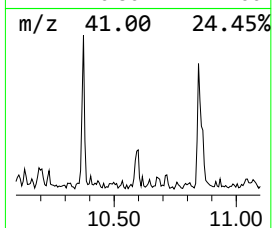
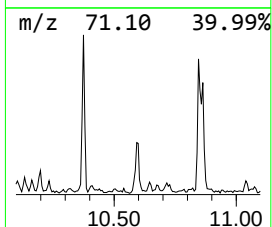
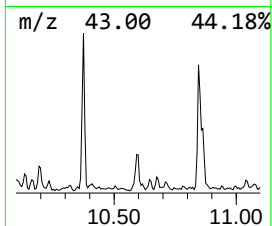
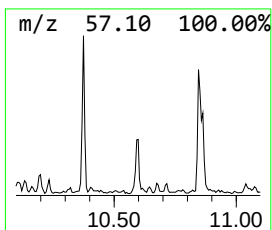
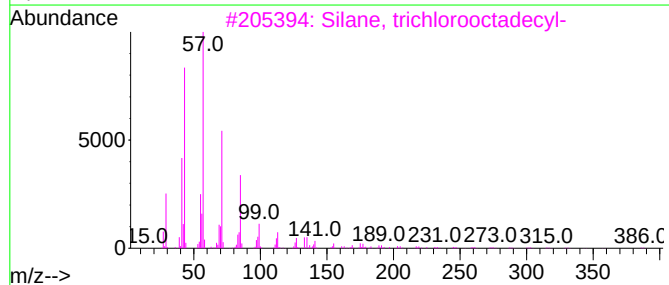
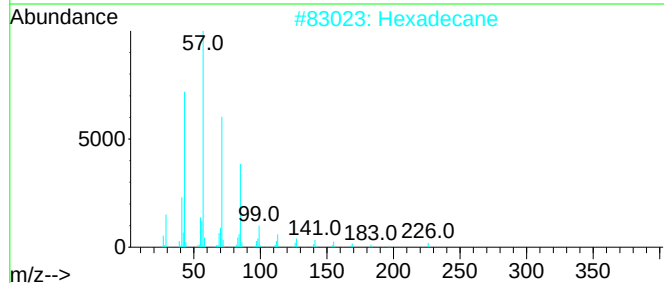
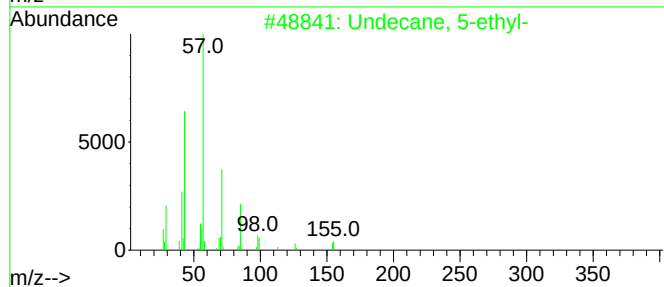
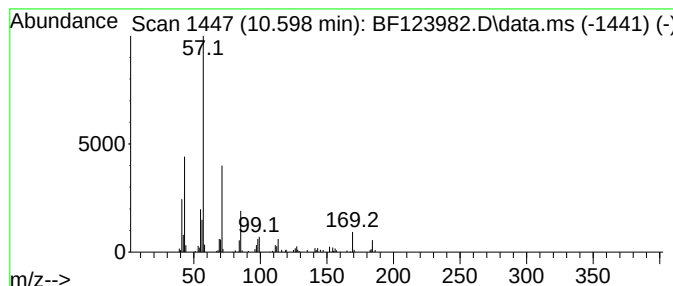
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 5-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	6.39 ng	159089	Acenaphthene-d10	9.945

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
2		Hexadecane	226	C16H34	000544-76-3	64
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58
4		Eicosane	282	C20H42	000112-95-8	58
5		Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2A

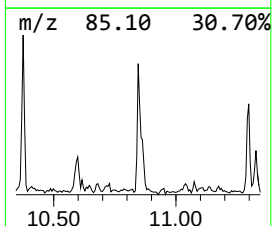
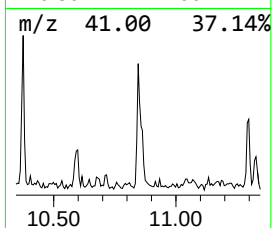
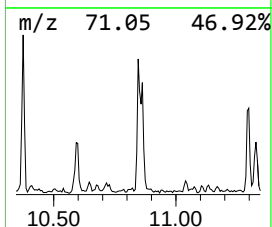
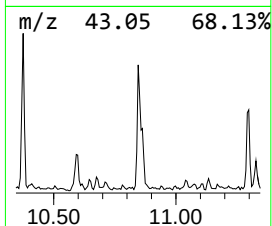
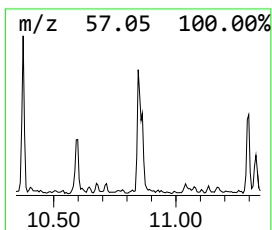
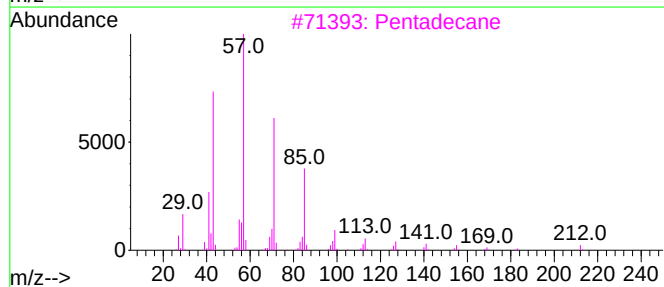
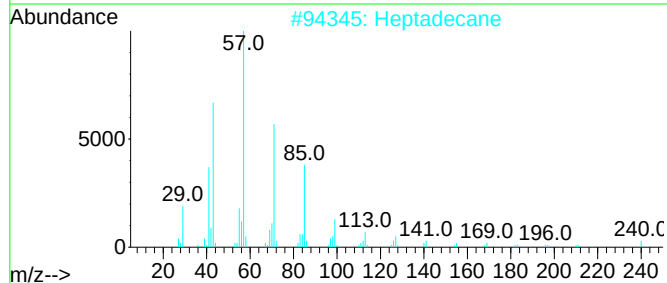
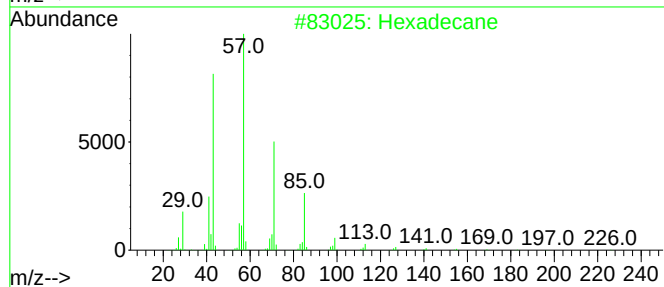
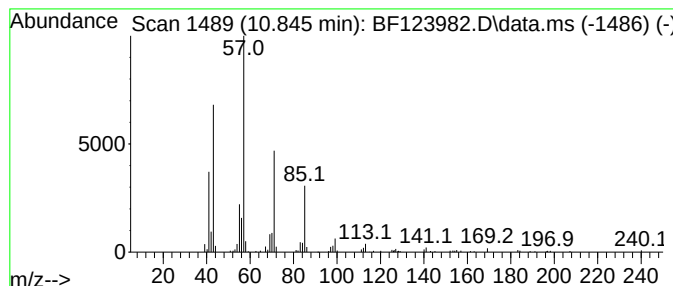
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	22.87 ng	459763	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Heptadecane	240	C17H36	000629-78-7	87
3		Pentadecane	212	C15H32	000629-62-9	80
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	76
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2A

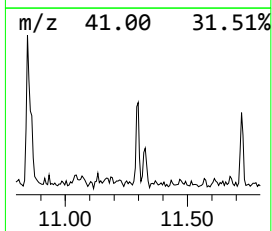
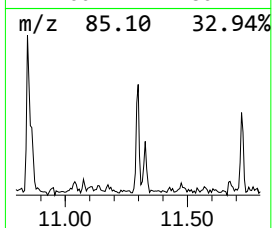
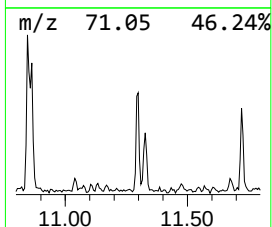
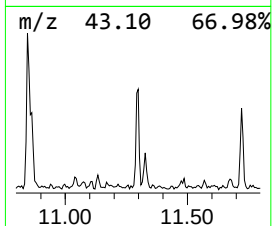
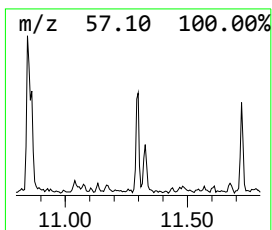
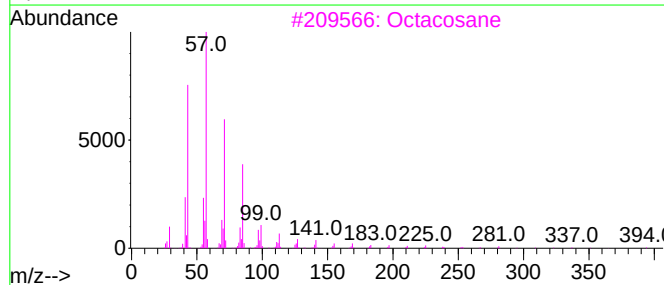
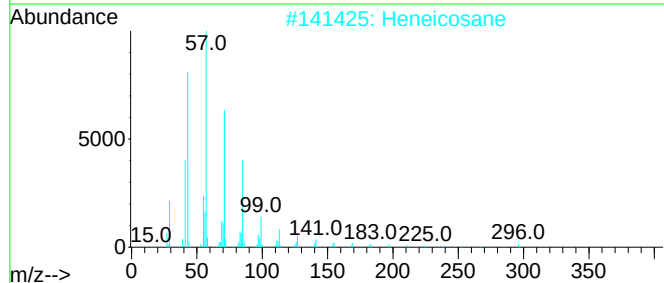
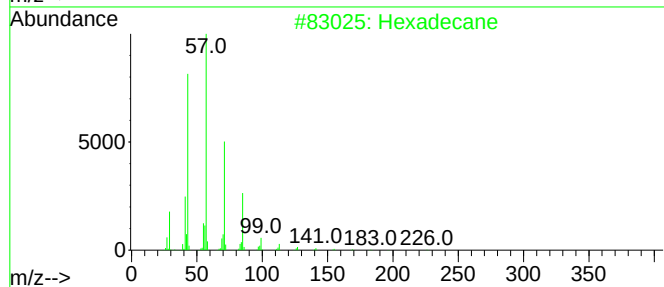
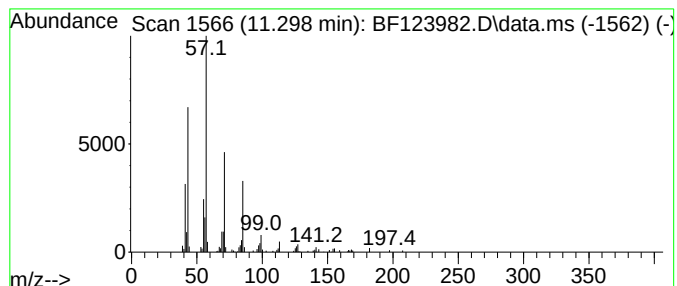
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	10.45 ng	210001	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Heneicosane	296	C21H44	000629-94-7	86
3		Octacosane	394	C28H58	000630-02-4	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

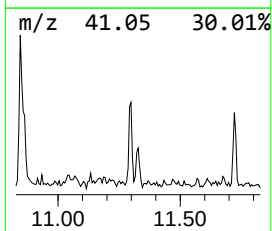
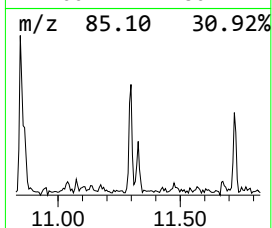
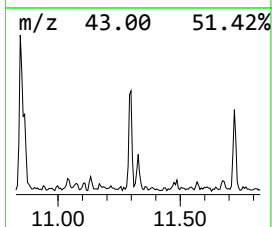
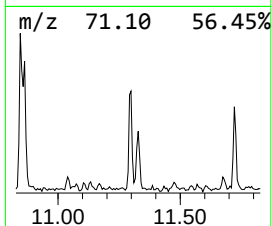
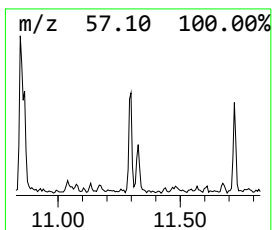
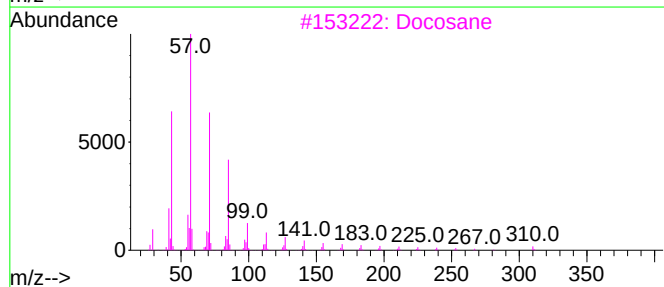
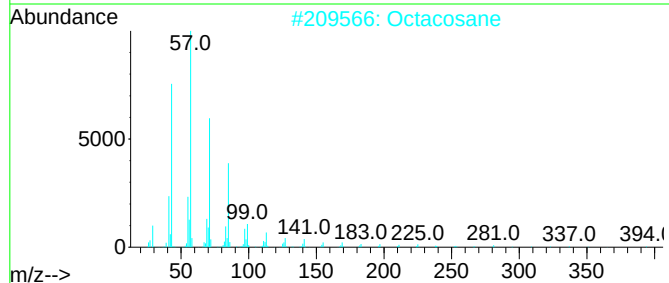
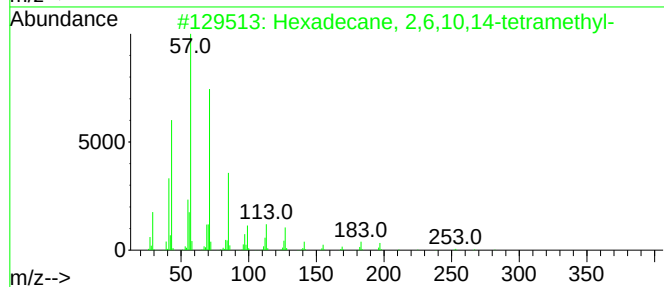
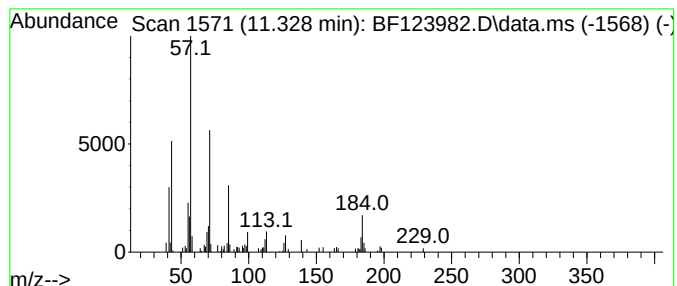
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.328	5.67 ng	113913	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
2	Octacosane	394	C28H58	000630-02-4	72
3	Docosane	310	C22H46	000629-97-0	72
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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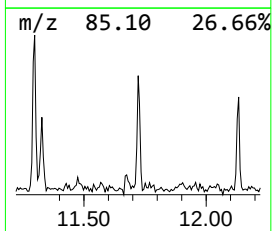
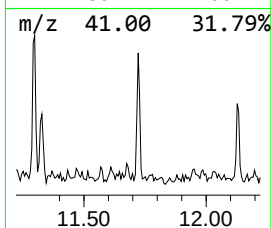
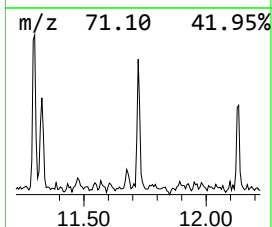
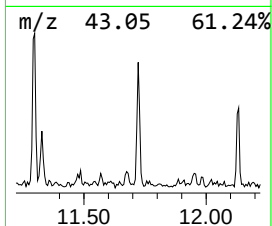
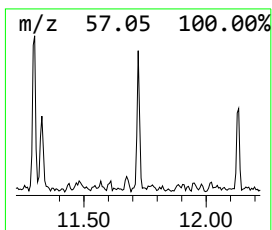
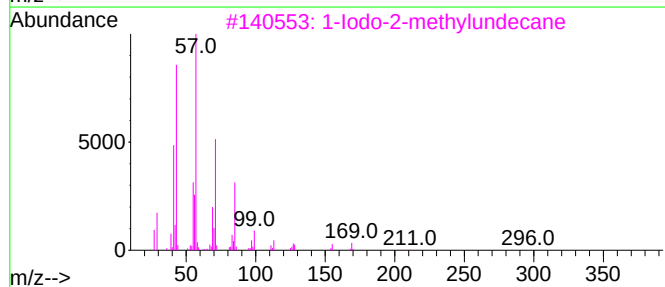
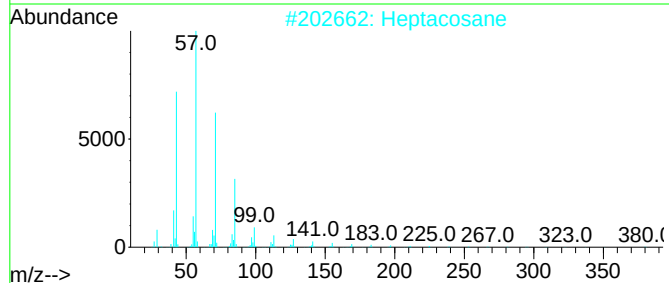
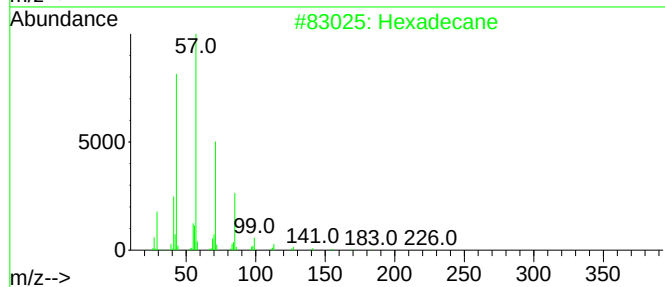
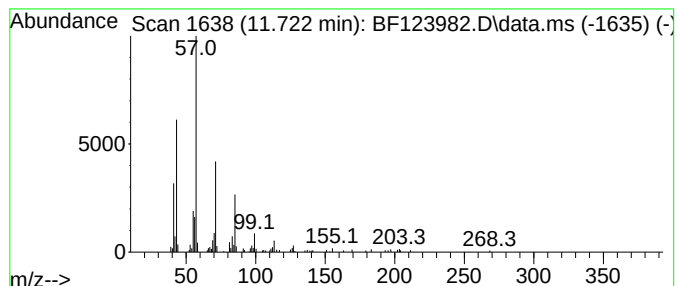
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	7.51 ng	150895	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	80
2		Heptacosane	380	C27H56	000593-49-7	74
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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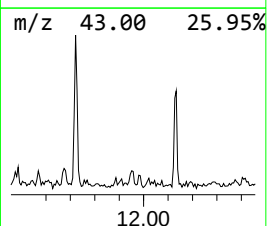
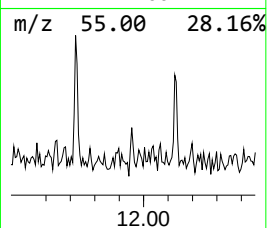
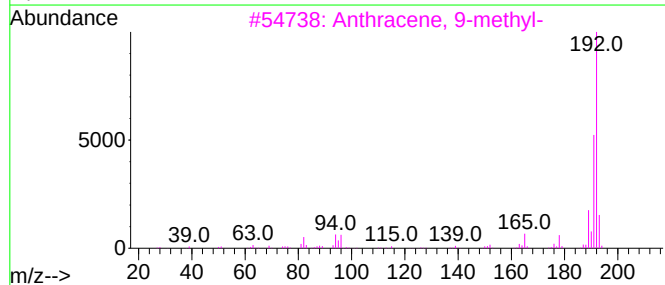
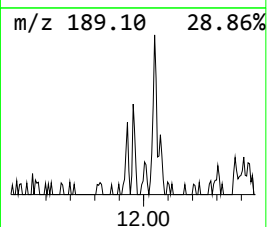
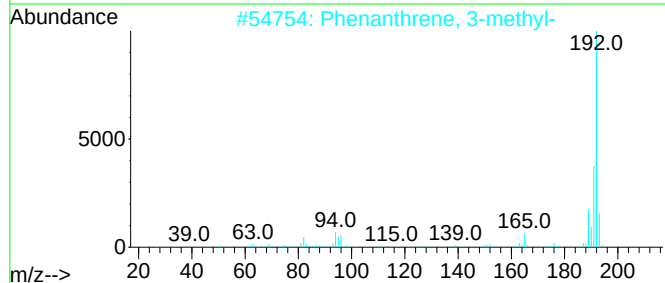
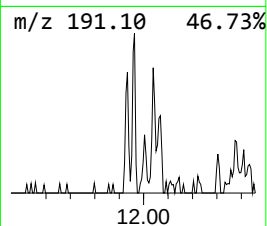
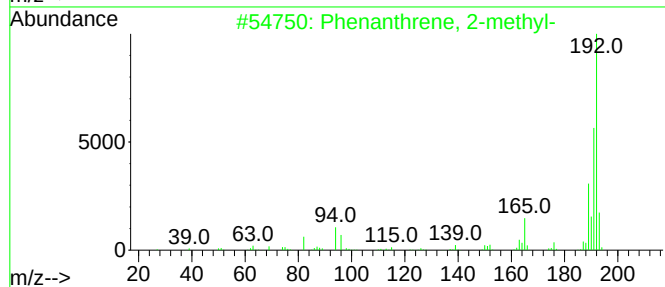
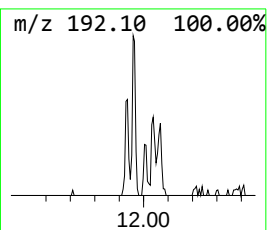
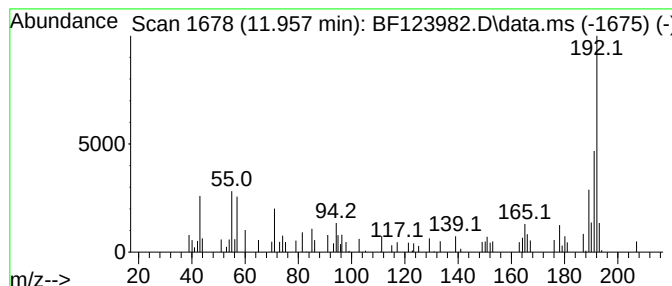
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.26 ng	65446	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
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Acq On : 18 May 2021 17:03
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Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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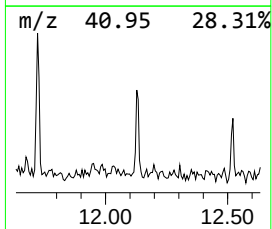
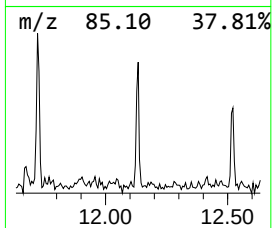
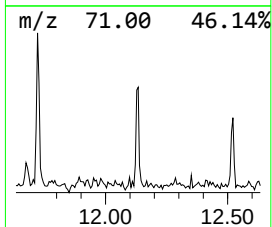
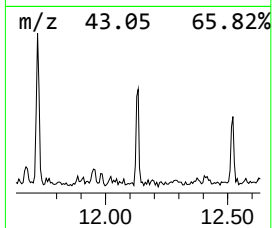
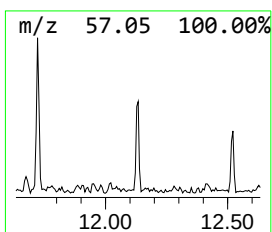
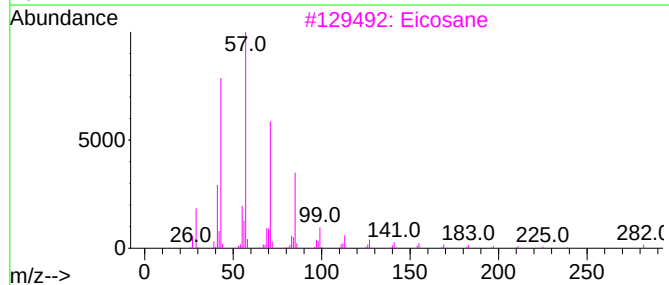
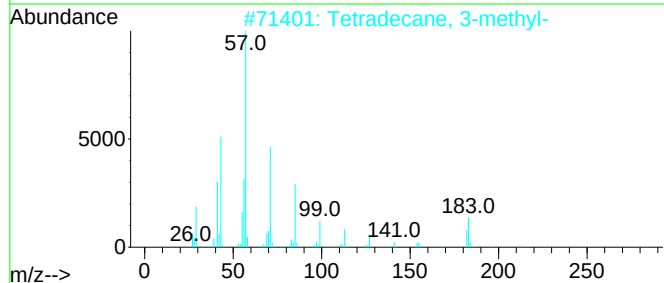
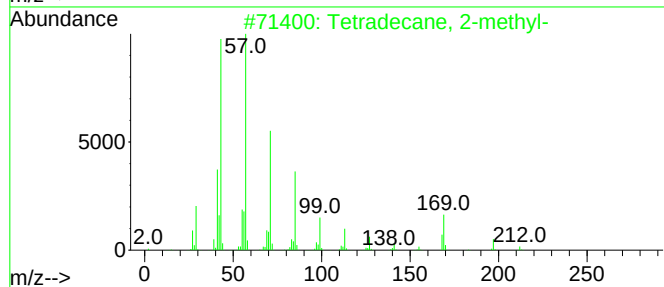
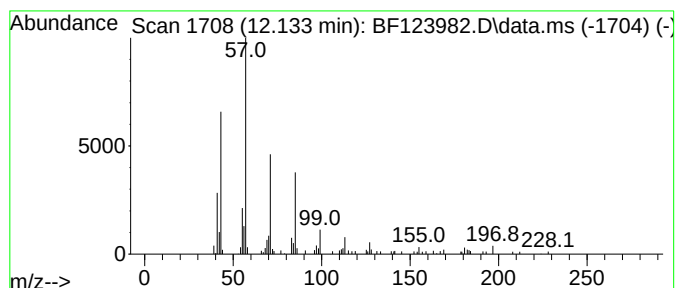
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	5.04 ng	101291	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	91
2		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	86
3		Eicosane	282	C20H42	000112-95-8	83
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-2A

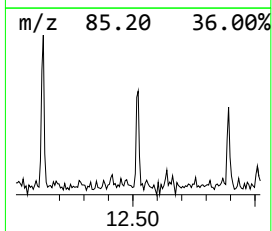
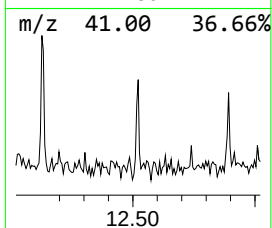
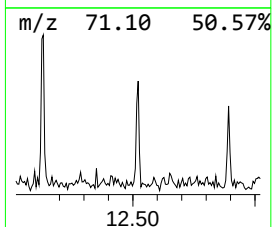
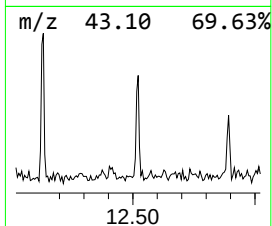
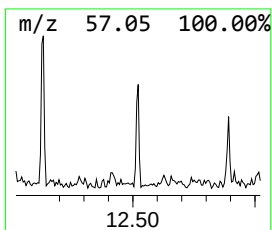
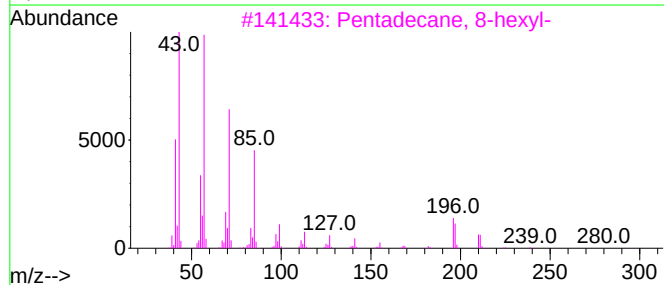
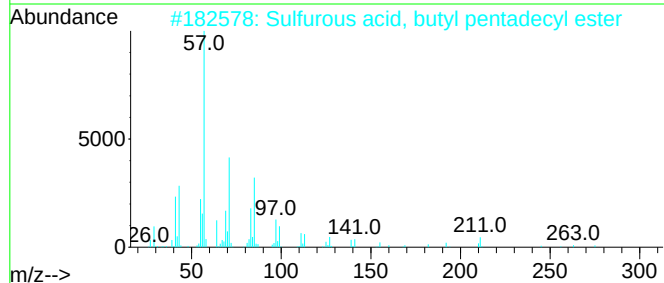
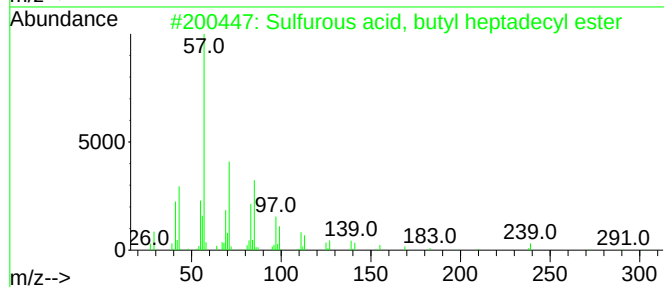
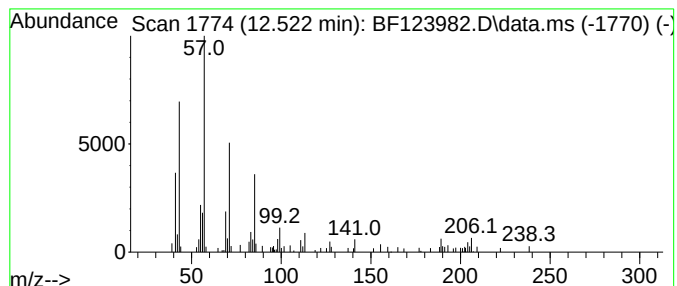
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Sulfurous acid, butyl hepta... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	4.32 ng	86851	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	74
2			Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	72
3			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	72
4			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

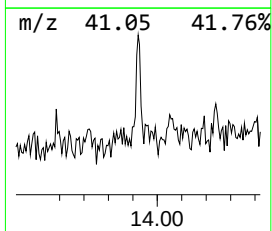
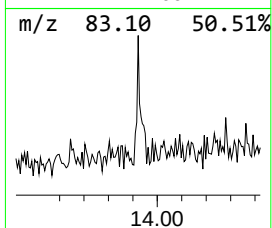
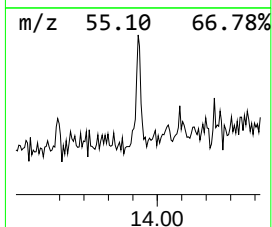
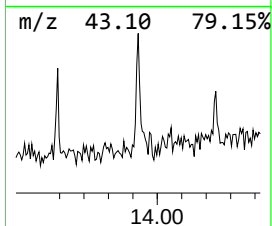
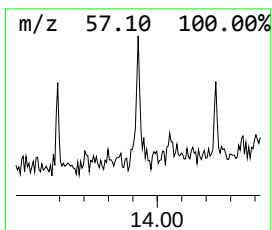
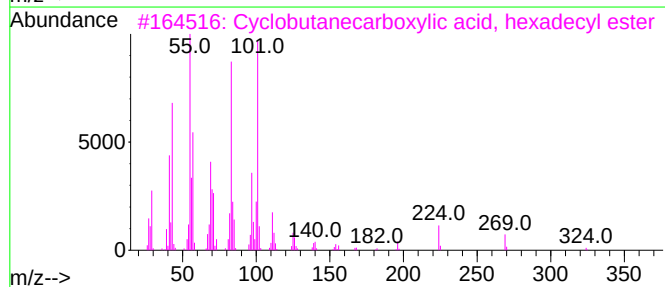
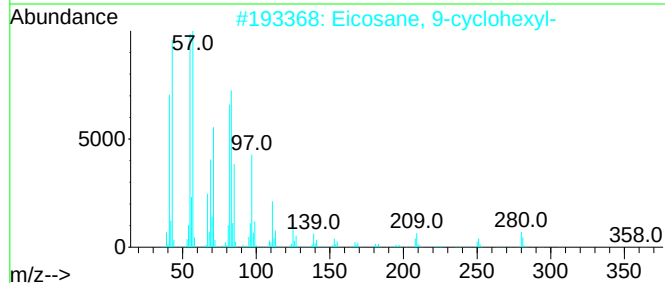
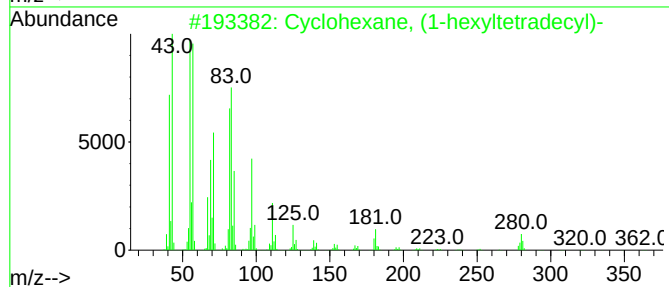
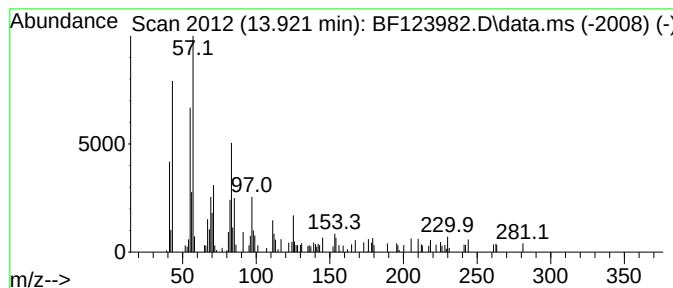
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ClientSampleId :
TP-2A

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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 Cyclohexane, (1-hexyltetrad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.922	6.45 ng	128954	Chrysene-d12	14.074	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	62
2	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	58
3	Cyclobutanecarboxylic acid, hexa...	324	C21H40O2	1000280-41-2	46
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	45
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-2A

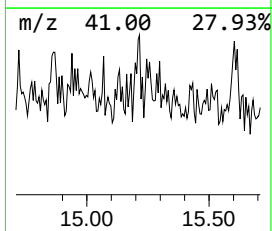
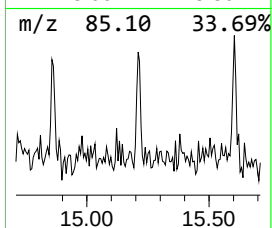
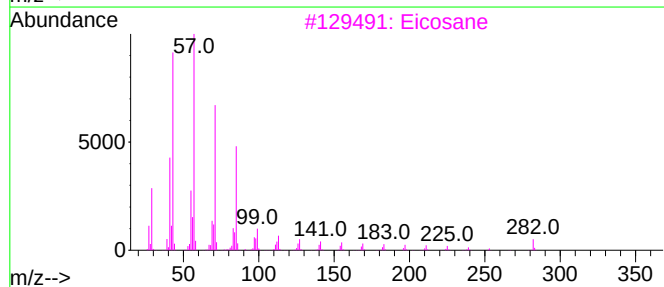
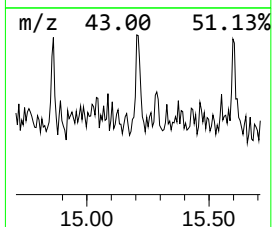
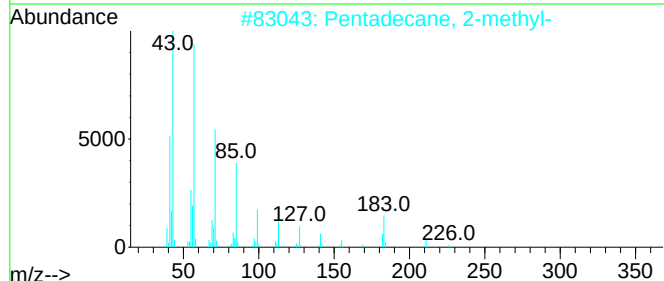
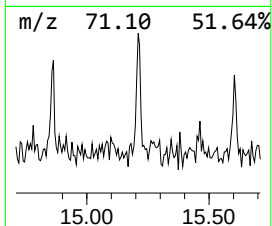
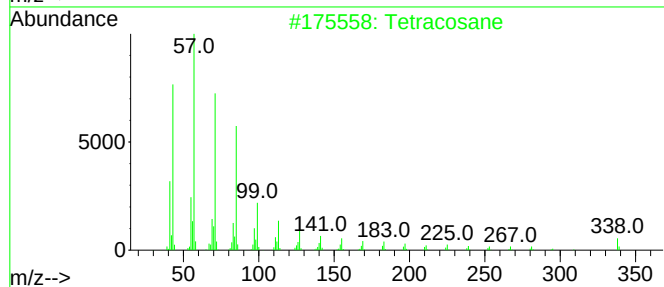
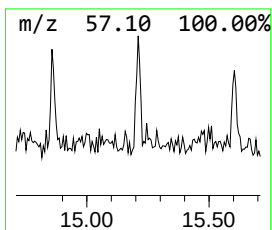
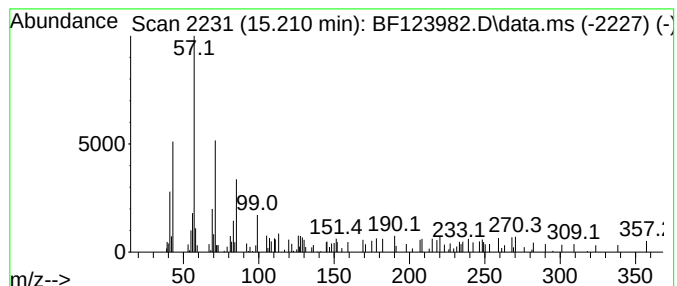
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	5.01 ng	66924	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	60
2			Pentadecane, 2-methyl-	226	C16H34	001560-93-6	60
3			Eicosane	282	C20H42	000112-95-8	58
4			1-Trifluorosilyltridecane	268	C13H27F3Si	1000217-08-2	52
5			Octadecane, 2-methyl-	268	C19H40	001560-88-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-2A

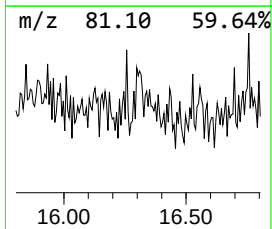
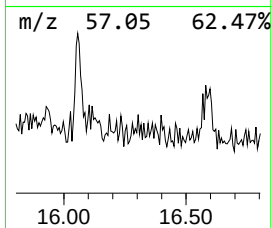
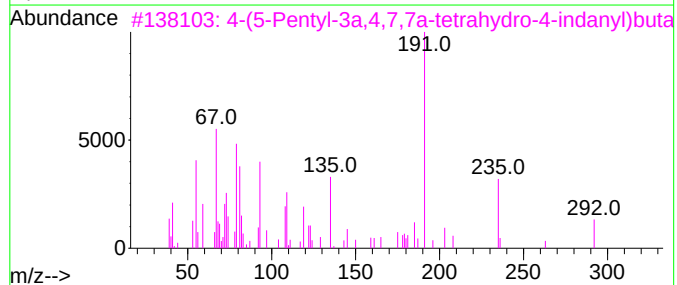
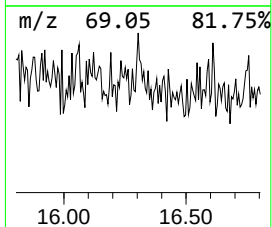
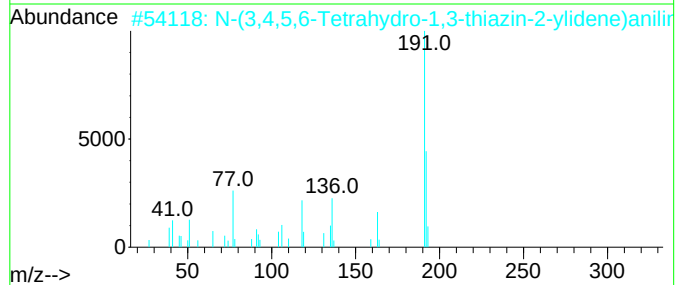
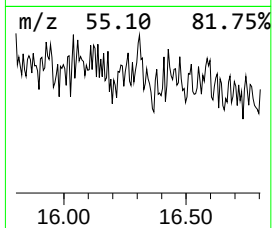
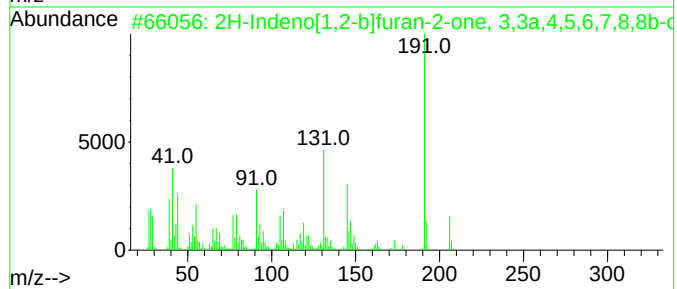
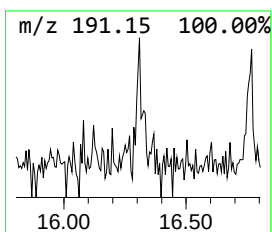
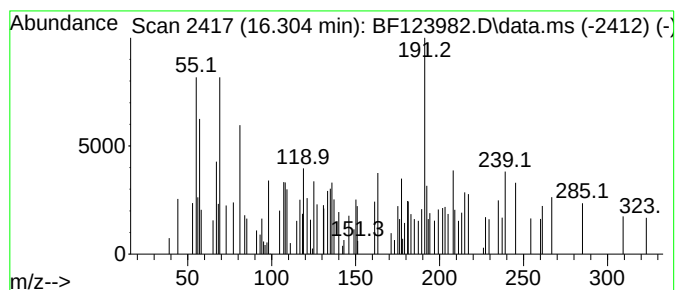
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.304 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.304	3.39 ng	45329	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Indeno[1,2-b]furan-2-one, 3,3...	206	C13H18O2	1000196-74-3	3 22
2			N-(3,4,5,6-Tetrahydro-1,3-thiazi...	192	C10H12N2S	003420-40-4	14
3			4-(5-Pentyl-3a,4,7,7a-tetrahydro...	292	C19H32O2	1000293-20-1	14
4			N-(4-Methyl-1,3,2-dioxaphosphori...	235	C9H18N04P	1000140-31-5	12
5			Propanoic acid, 2-[4-(1-formylet...	220	C13H16O3	1000161-46-8	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123982.D
Acq On : 18 May 2021 17:03
Operator : JU/CG
Sample : M2436-04 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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
Butane, 2-metho...	2.163	20.0	ng	390560	1	6.904	390782	20.0
Decane	6.740	4.7	ng	92004	1	6.904	390782	20.0
Tridecane	8.781	6.1	ng	180933	2	8.187	596103	20.0
Dodecane, 2,7,1...	9.210	3.6	ng	89650	3	9.945	498103	20.0
Tetradecane	9.345	12.5	ng	312276	3	9.945	498103	20.0
Hexadecane	9.875	12.5	ng	311375	3	9.945	498103	20.0
Naphthalene, 1,...	10.139	3.2	ng	80575	3	9.945	498103	20.0
Sulfurous acid,...	10.198	3.7	ng	92365	3	9.945	498103	20.0
Undecane	10.375	11.8	ng	293510	3	9.945	498103	20.0
Undecane, 5-ethyl-	10.598	6.4	ng	159089	3	9.945	498103	20.0
Heptadecane	10.845	22.9	ng	459763	4	11.433	402047	20.0
Heneicosane	11.298	10.4	ng	210001	4	11.433	402047	20.0
Hexadecane, 2,6...	11.328	5.7	ng	113913	4	11.433	402047	20.0
Heptacosane	11.722	7.5	ng	150895	4	11.433	402047	20.0
Phenanthrene, 2...	11.957	3.3	ng	65446	4	11.433	402047	20.0
Tetradecane, 2-...	12.133	5.0	ng	101291	4	11.433	402047	20.0
Sulfurous acid,...	12.522	4.3	ng	86851	4	11.433	402047	20.0
Cyclohexane, (1...	13.922	6.5	ng	128954	5	14.074	400127	20.0
Tetracosane	15.210	5.0	ng	66924	6	15.568	267237	20.0
unknown16.304	16.304	3.4	ng	45329	6	15.568	267237	20.0