

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125335.D
 Acq On : 2 Sep 2021 22:52
 Operator : JU/CG
 Sample : M3609-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-083121

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-BF081821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125335.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	6	11	17	rVB	189746	257302	17.08%	1.027%
2	5.516	580	583	595	rBV	760084	750126	49.80%	2.993%
3	6.440	736	740	746	rBV5	24554	41173	2.73%	0.164%
4	6.528	752	755	762	rBV	872642	769969	51.12%	3.072%
5	6.740	787	791	793	rBV3	46090	46638	3.10%	0.186%
6	6.904	816	819	823	rVB	1185510	1086656	72.15%	4.335%
7	7.051	841	844	848	rVV3	48994	50202	3.33%	0.200%
8	7.175	860	865	868	rVB3	88163	90271	5.99%	0.360%
9	7.239	874	876	880	rVB2	42199	42643	2.83%	0.170%
10	7.287	880	884	885	rBV	59426	57828	3.84%	0.231%
11	7.334	889	892	896	rVB5	36521	49849	3.31%	0.199%
12	7.439	905	910	912	rBV3	86195	121624	8.07%	0.485%
13	7.469	912	915	918	rVV	469940	499306	33.15%	1.992%
14	7.498	918	920	924	rVB	240552	207196	13.76%	0.827%
15	7.551	924	929	932	rBV5	132553	182286	12.10%	0.727%
16	7.604	932	938	943	rBV6	71254	184827	12.27%	0.737%
17	7.681	948	951	953	rBV2	80789	64300	4.27%	0.257%
18	7.710	953	956	959	rVB3	66126	73144	4.86%	0.292%
19	7.787	964	969	971	rBV4	67966	94025	6.24%	0.375%
20	7.828	974	976	980	rBV3	110546	99669	6.62%	0.398%
21	7.869	980	983	985	rVB2	78739	95519	6.34%	0.381%
22	7.898	985	988	991	rBV3	121880	115181	7.65%	0.460%
23	7.934	991	994	996	rBV2	145277	151367	10.05%	0.604%
24	7.981	999	1002	1003	rBV3	94207	76380	5.07%	0.305%
25	8.004	1003	1006	1012	rVB5	129299	181335	12.04%	0.723%
26	8.063	1012	1016	1018	rBV2	153350	167436	11.12%	0.668%
27	8.092	1018	1021	1023	rBV2	79605	76958	5.11%	0.307%
28	8.122	1024	1026	1027	rBV	66867	43173	2.87%	0.172%
29	8.139	1027	1029	1031	rVV2	72101	73203	4.86%	0.292%
30	8.169	1031	1034	1035	rVV	554592	484446	32.16%	1.933%
31	8.192	1035	1038	1041	rVV	1768444	1478006	98.13%	5.897%
32	8.245	1043	1047	1049	rVB2	456078	408015	27.09%	1.628%
33	8.275	1049	1052	1055	rBV4	159070	157535	10.46%	0.628%
34	8.339	1060	1063	1065	rBV4	84150	102359	6.80%	0.408%
35	8.363	1065	1067	1069	rBV2	67204	55473	3.68%	0.221%
36	8.392	1069	1072	1074	rVB2	219826	191827	12.74%	0.765%

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37	8.439	1077	1080	1083	rBV5	56321	84302	5.60%	0.336%
38	8.481	1083	1087	1091	rVB4	282689	316243	21.00%	1.262%
39	8.528	1092	1095	1098	rBV4	114249	110941	7.37%	0.443%
40	8.563	1098	1101	1105	rVB4	176030	214411	14.24%	0.855%

41	8.604	1105	1108	1110	rBV	568010	415968	27.62%	1.660%
42	8.628	1110	1112	1114	rBV	173632	118439	7.86%	0.473%
43	8.651	1114	1116	1121	rVB5	89339	110109	7.31%	0.439%
44	8.692	1121	1123	1125	rBV2	236112	182120	12.09%	0.727%
45	8.728	1125	1129	1131	rBV4	142828	153146	10.17%	0.611%

46	8.775	1135	1137	1141	rVV	860560	596306	39.59%	2.379%
47	8.851	1148	1150	1151	rBV2	71786	49047	3.26%	0.196%
48	8.939	1162	1165	1167	rVB4	74865	60673	4.03%	0.242%
49	8.969	1167	1170	1172	rBV4	87396	120126	7.98%	0.479%
50	9.010	1175	1177	1180	rBV	293168	237047	15.74%	0.946%

51	9.057	1182	1185	1187	rBV4	112245	122324	8.12%	0.488%
52	9.139	1195	1199	1203	rBV4	201418	303073	20.12%	1.209%
53	9.181	1203	1206	1208	rVV	165794	132794	8.82%	0.530%
54	9.204	1208	1210	1213	rVV	543191	426091	28.29%	1.700%
55	9.263	1217	1220	1225	rBV	1157902	945352	62.76%	3.772%

56	9.298	1225	1226	1229	rVB3	59525	47381	3.15%	0.189%
57	9.339	1230	1233	1238	rBV	881787	761770	50.58%	3.039%
58	9.381	1238	1240	1242	rVV3	93692	85230	5.66%	0.340%
59	9.416	1244	1246	1248	rVB	200617	144849	9.62%	0.578%
60	9.598	1271	1277	1279	rBV5	93748	180369	11.98%	0.720%

61	9.622	1279	1281	1284	rVV3	133509	119921	7.96%	0.478%
62	9.663	1284	1288	1290	rVV3	347061	427702	28.40%	1.706%
63	9.686	1290	1292	1295	rVV2	135162	153856	10.21%	0.614%
64	9.722	1295	1298	1301	rVV2	149459	141925	9.42%	0.566%
65	9.763	1303	1305	1307	rVB	82733	63648	4.23%	0.254%

66	9.810	1311	1313	1316	rVB3	69948	65990	4.38%	0.263%
67	9.869	1320	1323	1328	rVB	591382	486789	32.32%	1.942%
68	9.951	1333	1337	1340	rVV	1636365	1506203	100.00%	6.009%
69	10.045	1350	1353	1358	rVB6	50083	60645	4.03%	0.242%
70	10.104	1359	1363	1365	rVV4	62273	99678	6.62%	0.398%

71	10.128	1365	1367	1369	rVV	84915	81640	5.42%	0.326%
72	10.157	1370	1372	1374	rVV	69595	54633	3.63%	0.218%
73	10.192	1375	1378	1382	rVV2	111696	132548	8.80%	0.529%
74	10.228	1382	1384	1387	rVB	81223	63128	4.19%	0.252%
75	10.263	1387	1390	1394	rBV5	59015	90956	6.04%	0.363%

76	10.369	1403	1408	1411	rBV	386719	314231	20.86%	1.254%
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77	10.428	1415	1418	1424	rVB8	37153	64335	4.27%	0.257%
78	10.498	1424	1430	1433	rBV7	31862	67531	4.48%	0.269%
79	10.586	1441	1445	1451	rVB	113843	167460	11.12%	0.668%
80	10.733	1467	1470	1476	rVB	475765	404271	26.84%	1.613%
81	10.845	1486	1489	1494	rBV	186814	241397	16.03%	0.963%
82	11.292	1561	1565	1567	rBV	96971	85524	5.68%	0.341%
83	11.322	1567	1570	1576	rVB2	63173	80183	5.32%	0.320%
84	11.433	1586	1589	1592	rBV	1374427	1297151	86.12%	5.175%
85	11.457	1592	1593	1597	rVV	121330	97384	6.47%	0.389%
86	11.716	1635	1637	1641	rVV	59695	49728	3.30%	0.198%
87	11.822	1651	1655	1657	rBV	78048	67302	4.47%	0.269%
88	11.951	1673	1677	1686	rVB6	34744	63451	4.21%	0.253%
89	12.051	1691	1694	1700	rVB2	31470	47199	3.13%	0.188%
90	12.504	1768	1771	1773	rBV	218410	208071	13.81%	0.830%
91	12.527	1773	1775	1778	rVB	223649	174826	11.61%	0.697%
92	12.610	1786	1789	1793	rBV2	48114	44329	2.94%	0.177%
93	12.651	1793	1796	1800	rBV	188140	166394	11.05%	0.664%
94	12.880	1830	1835	1842	rBV	179425	208669	13.85%	0.832%
95	13.016	1855	1858	1862	rBV	778804	694731	46.12%	2.772%
96	13.204	1888	1890	1893	rVB3	43404	42159	2.80%	0.168%
97	13.245	1894	1897	1900	rBV2	33929	44819	2.98%	0.179%
98	13.310	1906	1908	1913	rBV6	25125	41235	2.74%	0.165%
99	14.080	2035	2039	2042	rBV	1352383	1206988	80.13%	4.815%
100	15.586	2290	2295	2304	rVB	774897	1091425	72.46%	4.354%

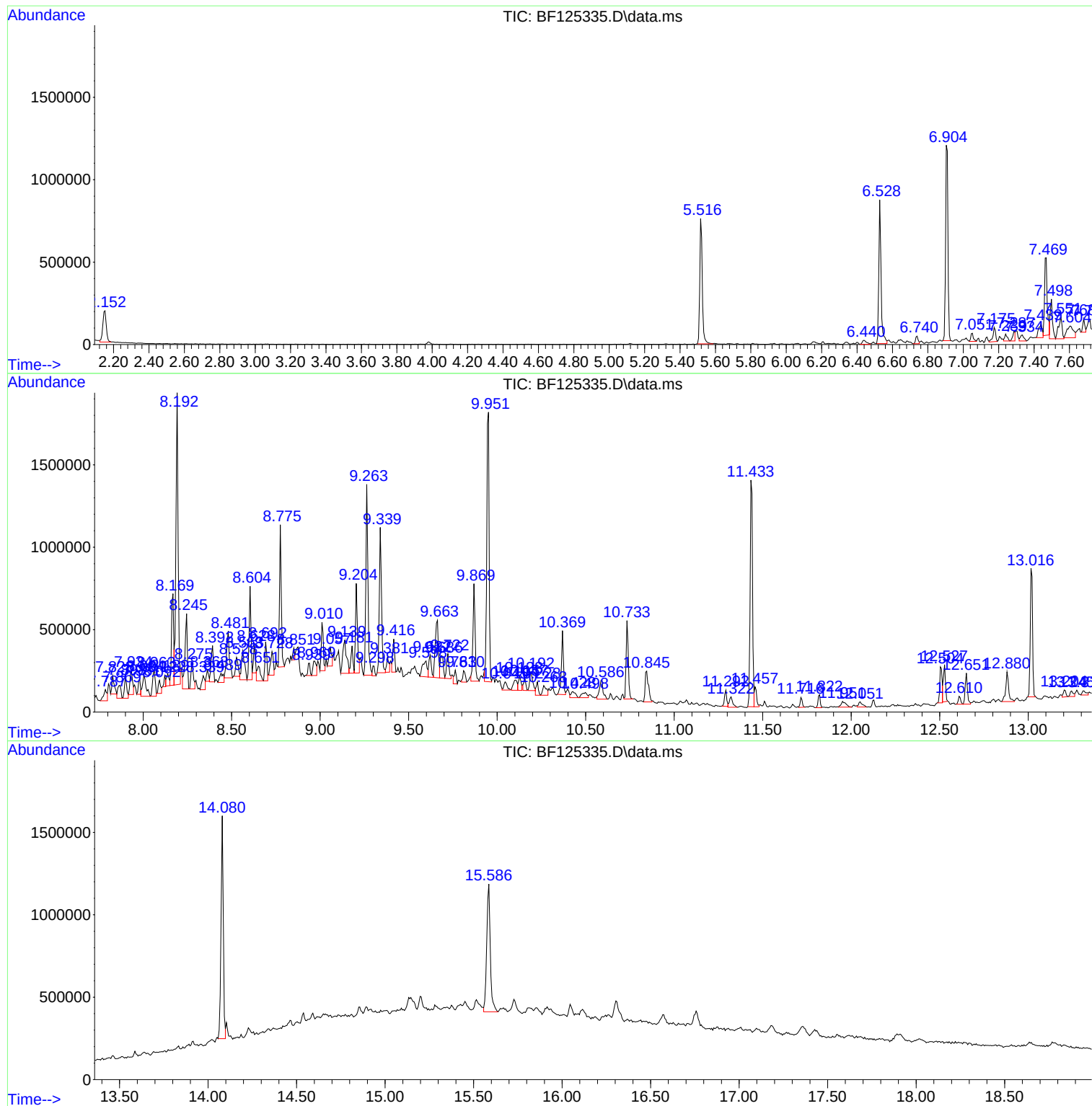
Sum of corrected areas: 25065413

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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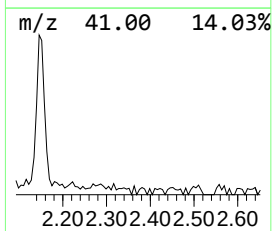
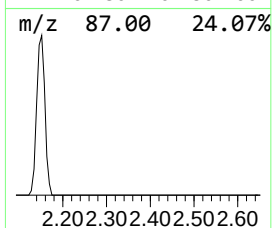
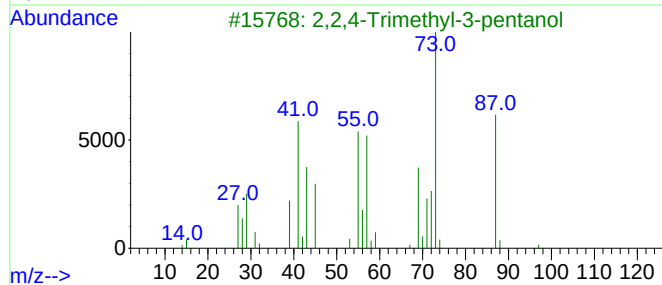
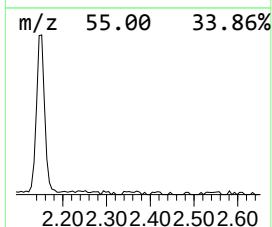
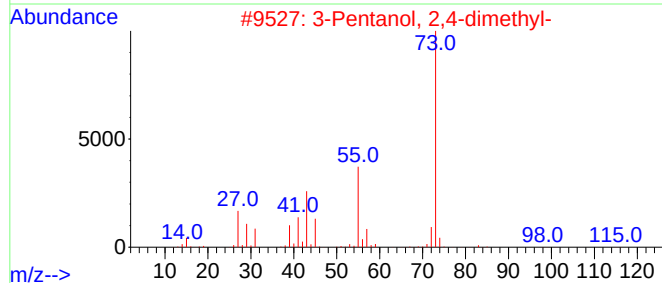
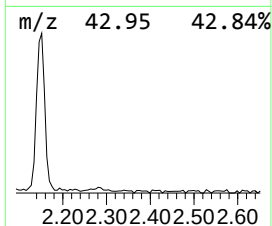
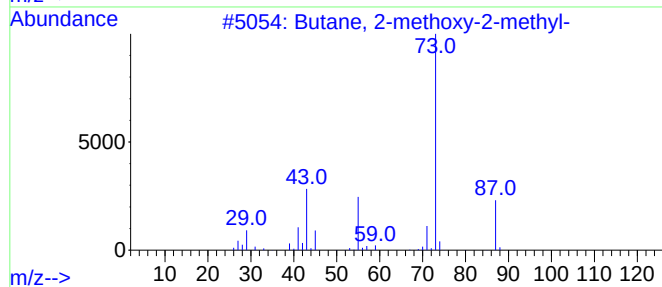
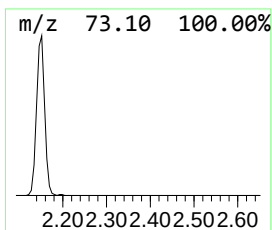
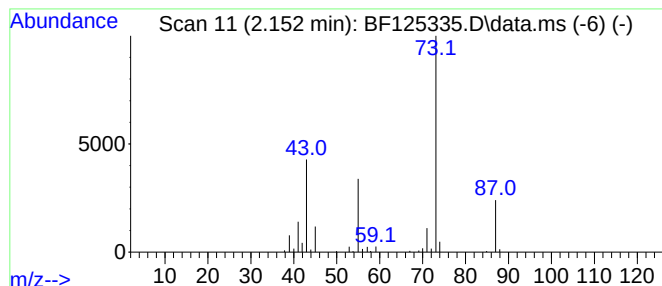
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	4.74 ng	257302	1,4-Dichlorobenzene-d4	6.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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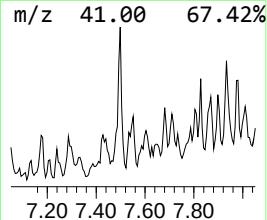
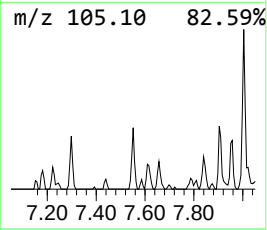
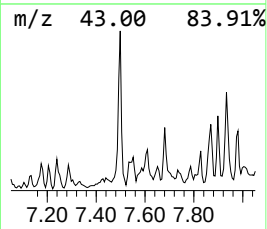
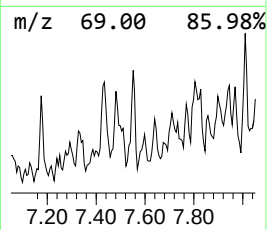
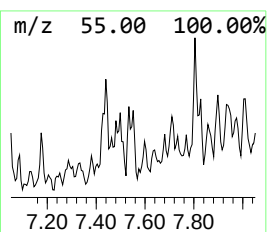
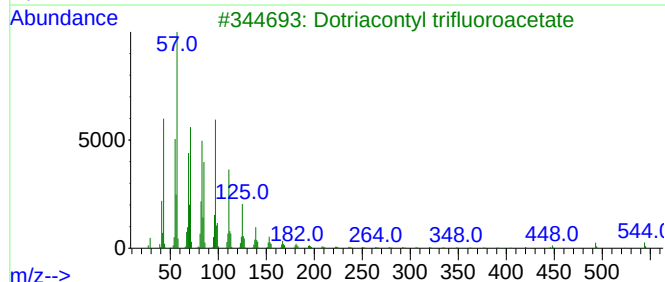
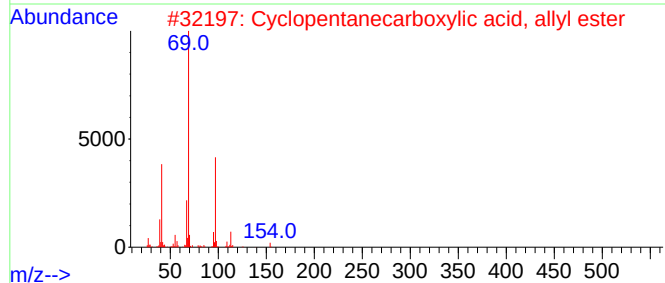
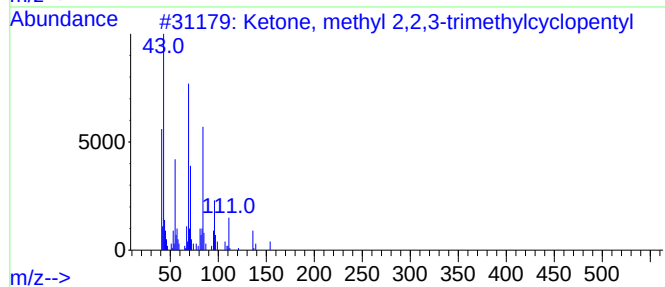
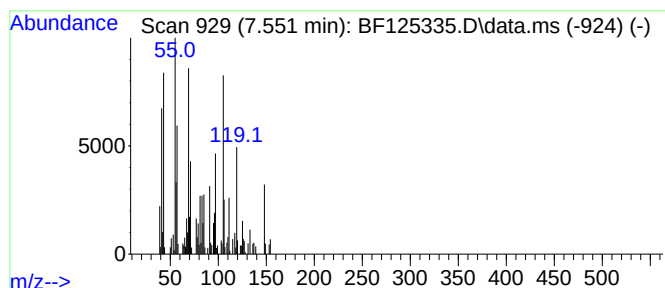
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.551 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.551	2.47 ng	182286	Naphthalene-d8	8.192

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ketone, methyl 2,2,3-trimethylcy...	154	C10H18O	017983-22-1	43
2		Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	30
3		Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	27
4		Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	27
5		Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	27



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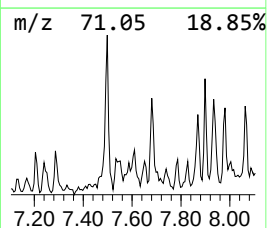
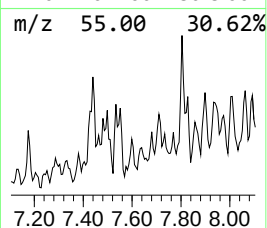
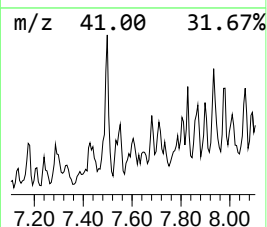
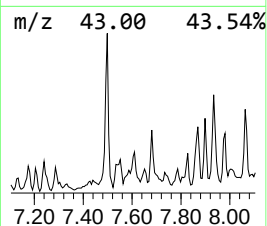
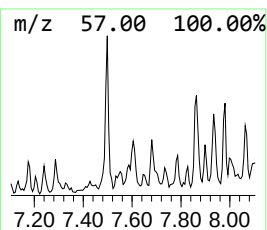
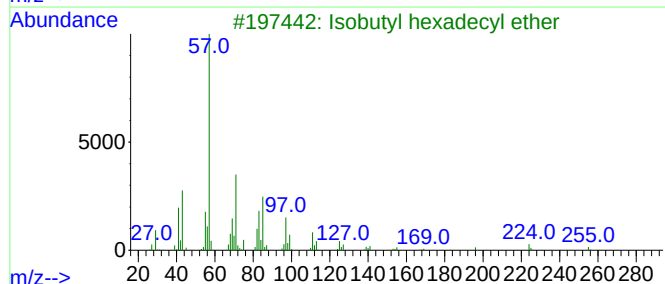
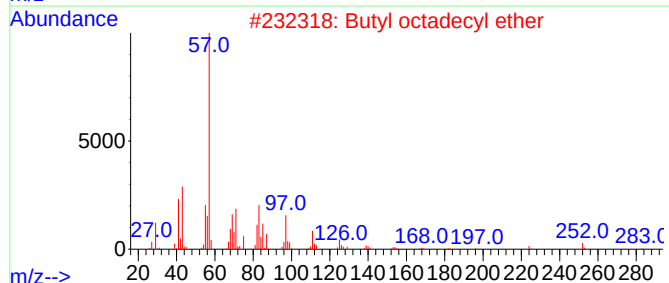
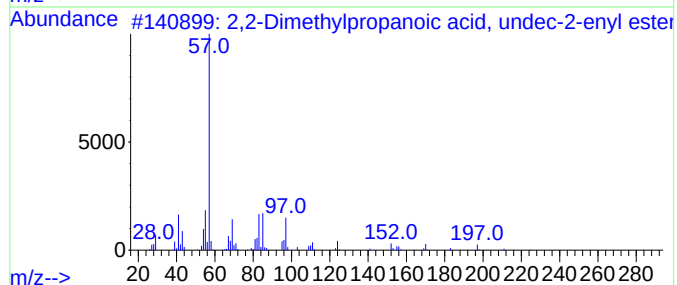
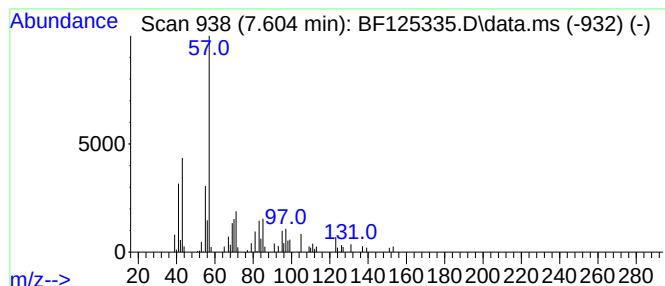
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2,2-Dimethylpropanoic acid,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.604	2.50 ng	184827	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylpropanoic acid, unde...	254	C16H30O2	1000299-33-7	50
2			Butyl octadecyl ether	326	C22H46O	1000406-40-6	47
3			Isobutyl hexadecyl ether	298	C20H42O	1000406-32-8	38
4			Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	38
5			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	38



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Operator : JU/CG
Sample : M3609-03 5X
Misc :
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Instrument :
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ClientSampleId :
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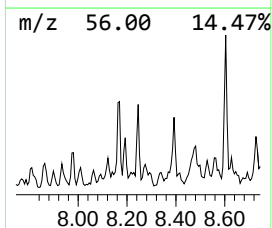
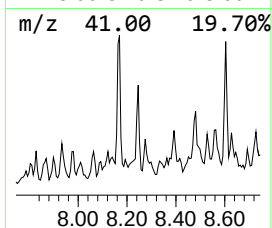
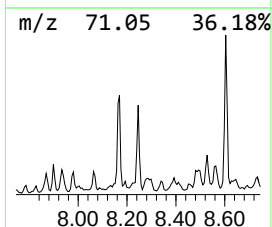
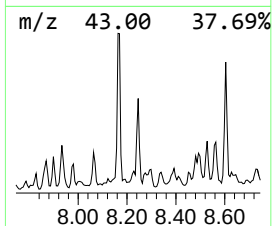
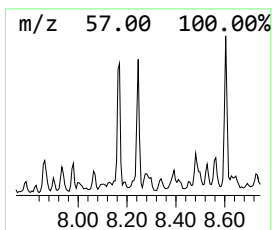
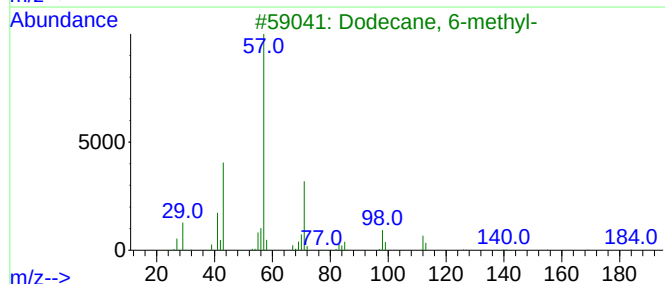
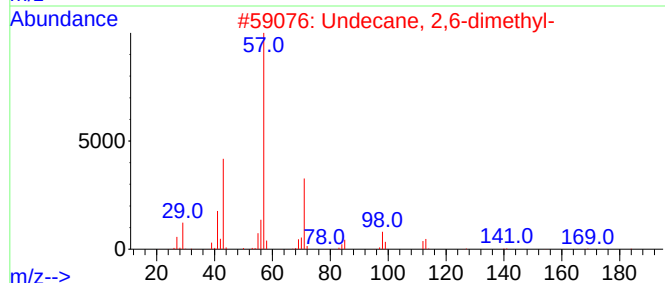
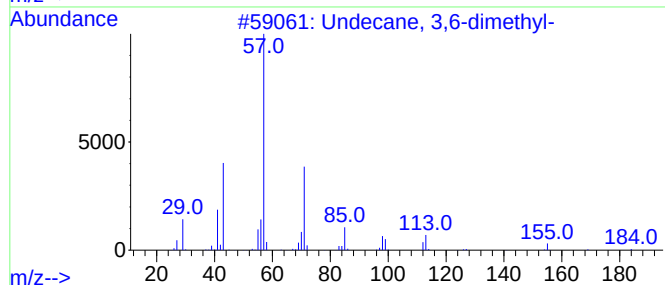
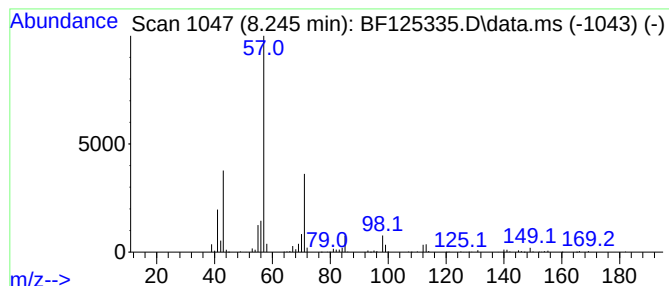
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.245	5.52 ng	408015	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	86
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
4			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64



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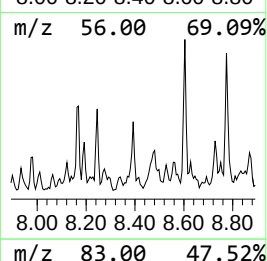
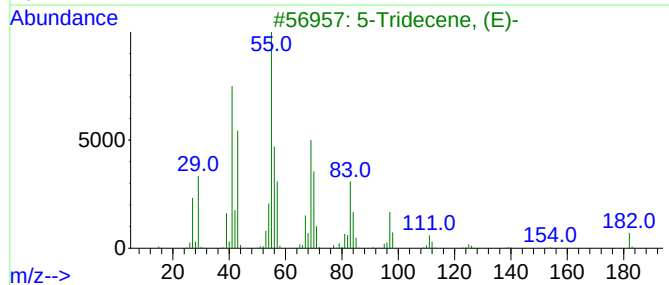
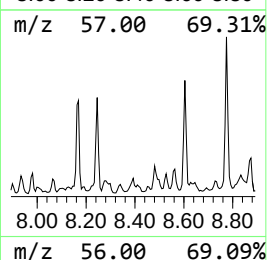
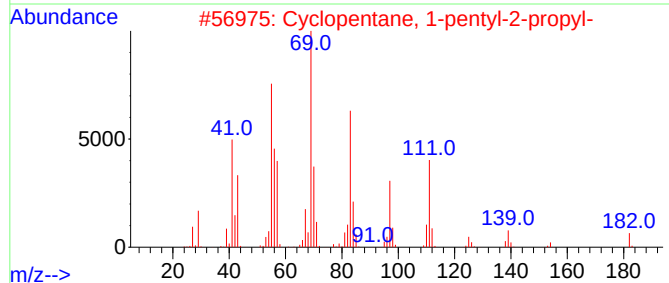
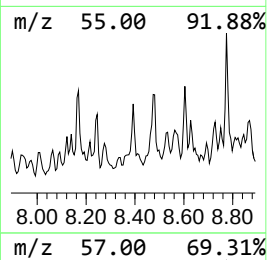
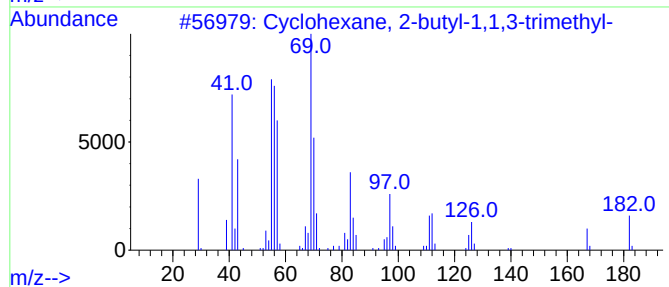
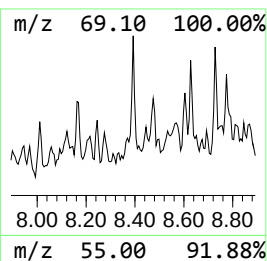
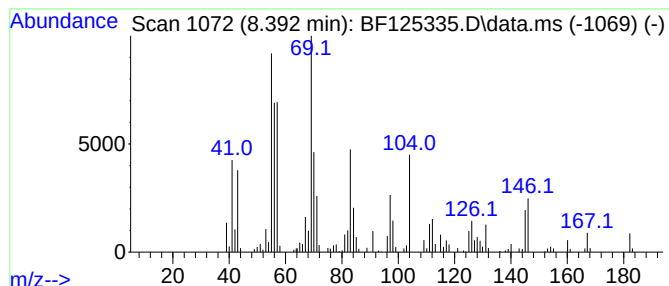
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.392	2.60 ng	191827	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2			Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	70
3			5-Tridecene, (E)-	182	C13H26	023051-84-5	50
4			6-Tridecene, (Z)-	182	C13H26	006508-77-6	50
5			5-Dodecene, (Z)-	168	C12H24	007206-28-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
Data File : BF125335.D
Acq On : 2 Sep 2021 22:52
Operator : JU/CG
Sample : M3609-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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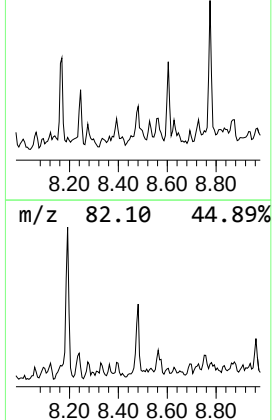
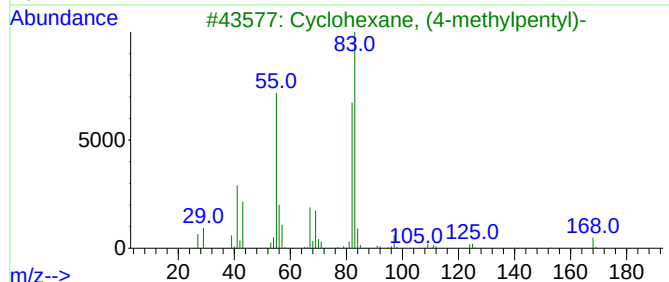
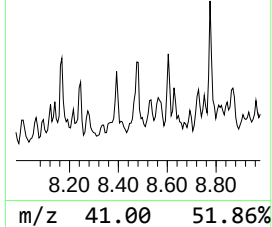
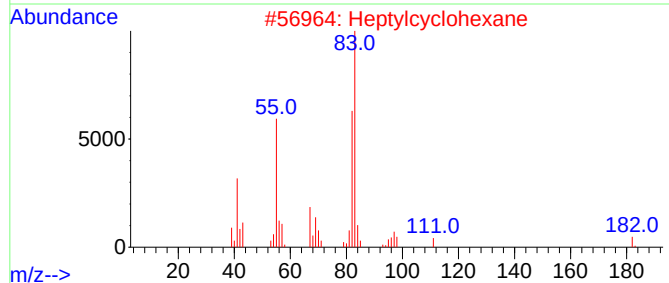
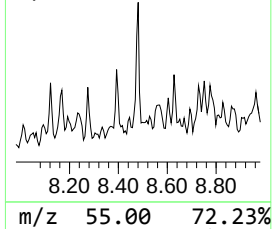
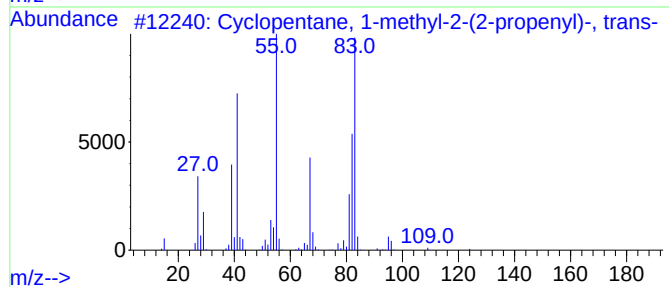
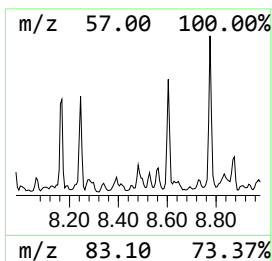
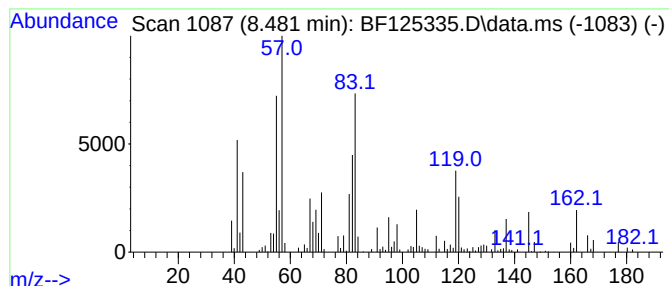
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown8.481 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.481	4.28 ng	316243	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	45
2			Heptylcyclohexane	182	C13H26	005617-41-4	43
3			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	38



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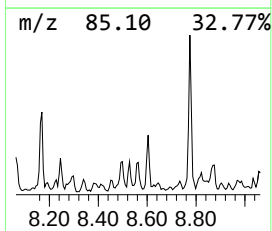
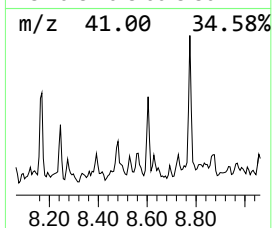
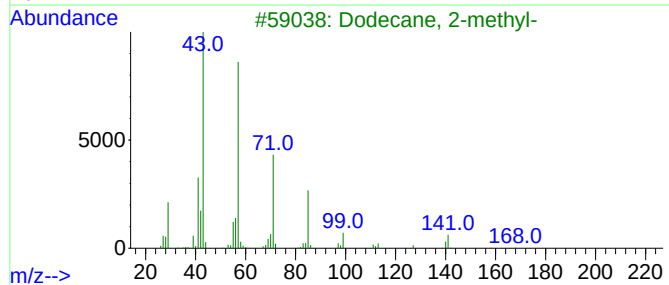
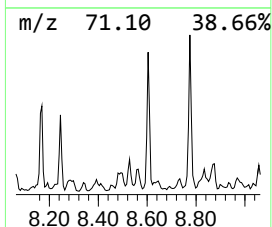
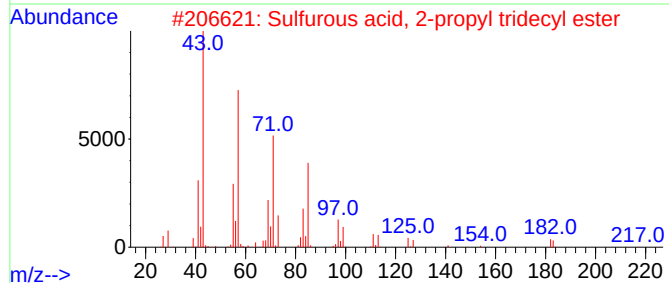
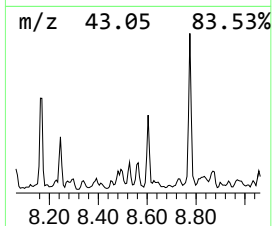
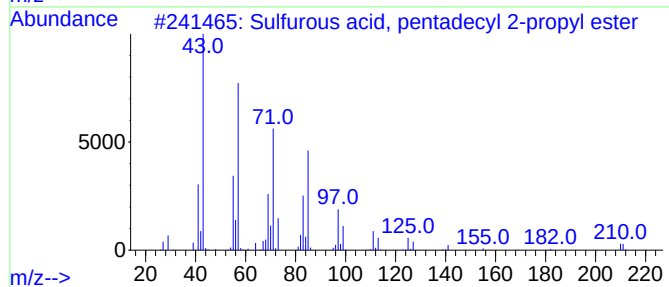
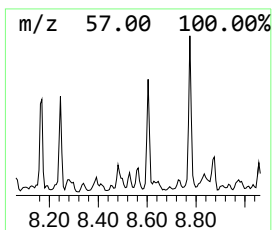
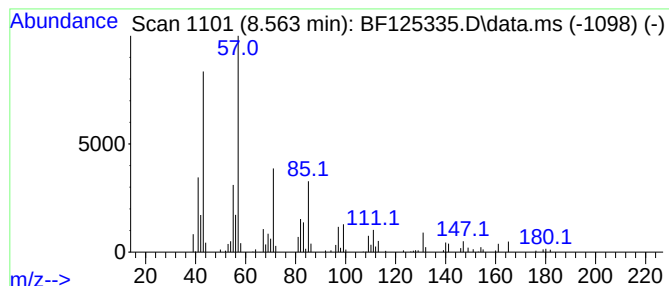
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Sulfurous acid, pentadecyl ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	2.90 ng	214411	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	59
2			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	53
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
5			Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
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Instrument :
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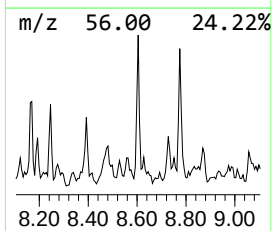
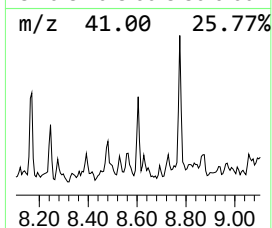
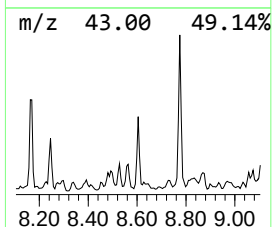
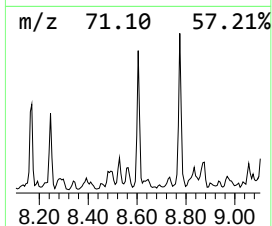
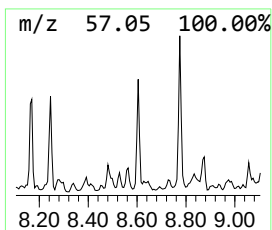
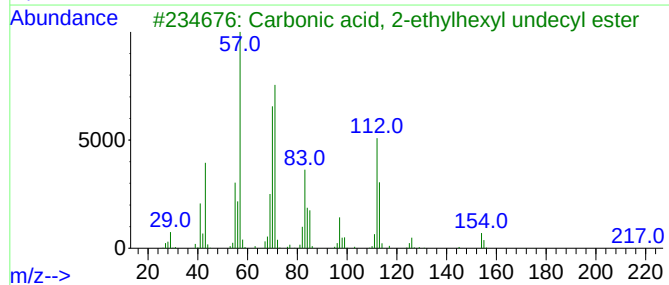
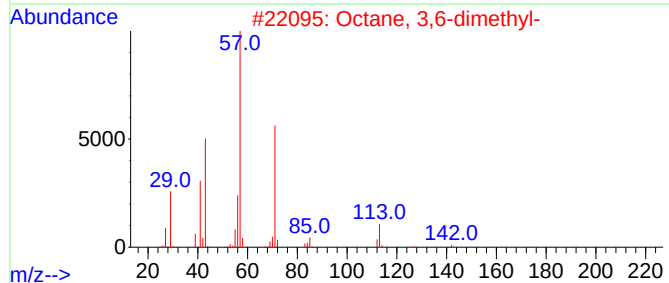
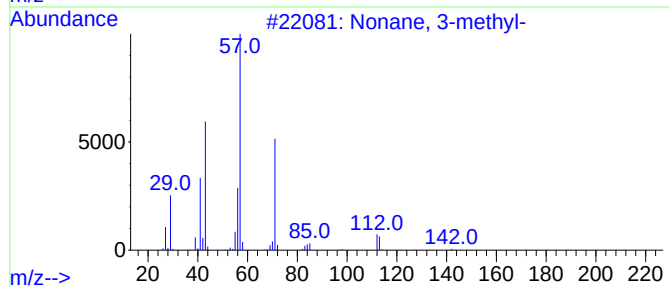
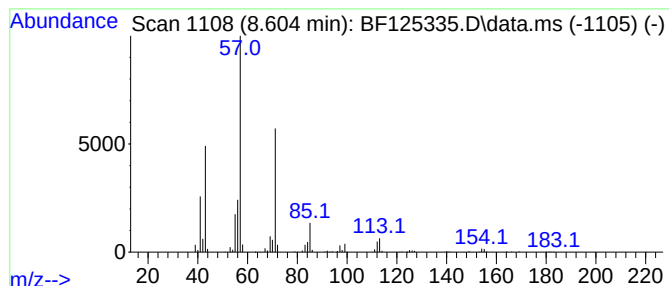
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.604	5.63 ng	415968	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	80
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3			Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	72
4			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
Data File : BF125335.D
Acq On : 2 Sep 2021 22:52
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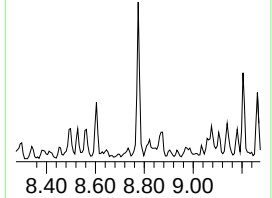
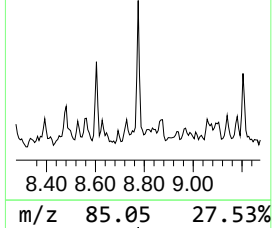
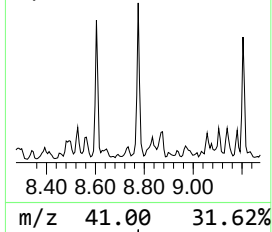
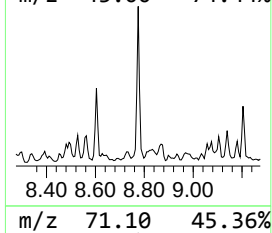
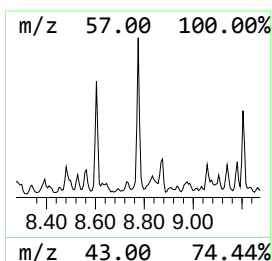
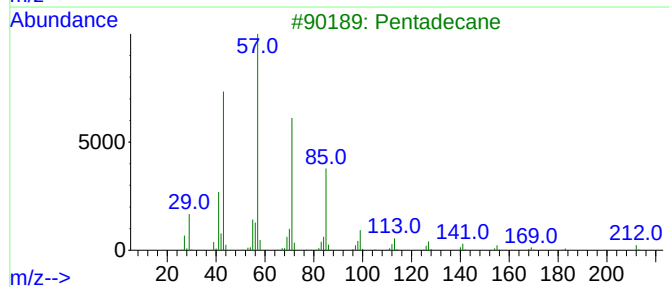
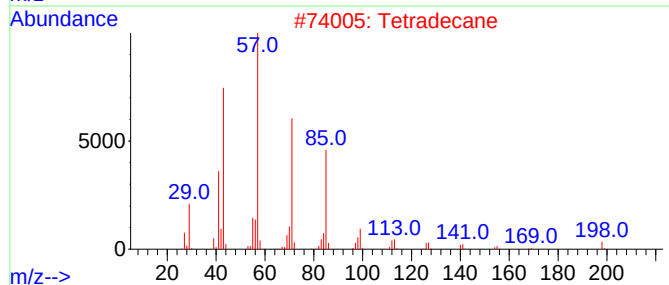
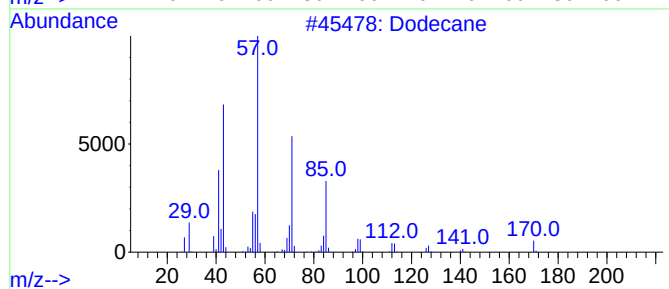
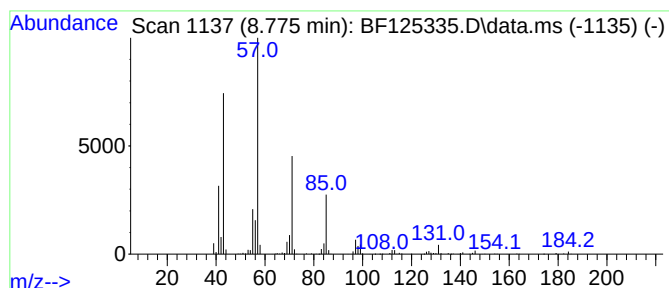
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.775	8.07 ng	596306	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	86
2			Tetradecane	198	C14H30	000629-59-4	78
3			Pentadecane	212	C15H32	000629-62-9	78
4			Tridecane	184	C13H28	000629-50-5	76
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
Data File : BF125335.D
Acq On : 2 Sep 2021 22:52
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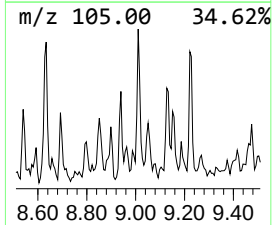
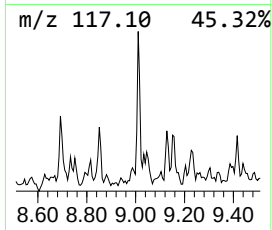
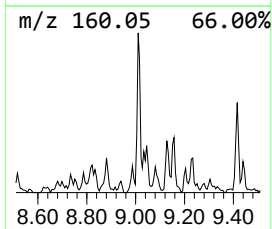
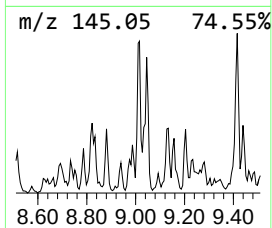
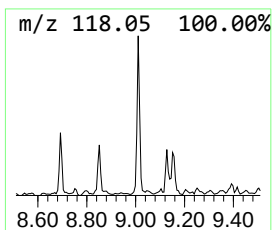
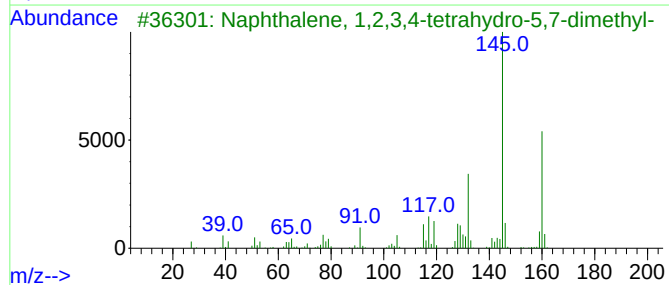
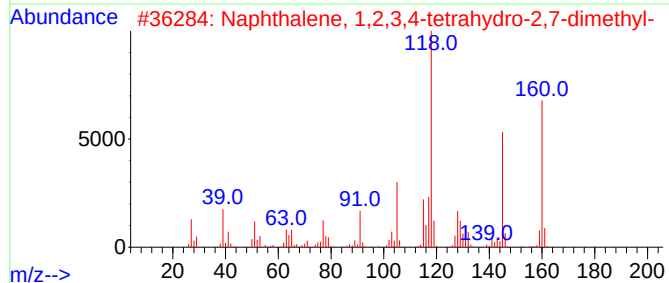
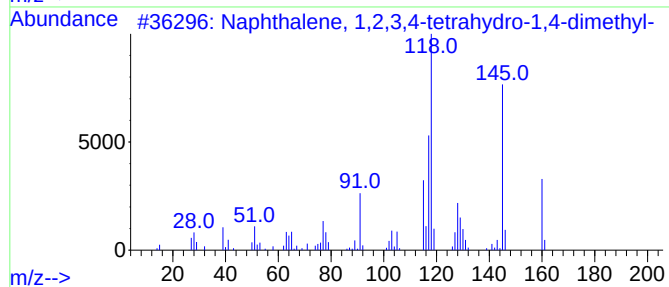
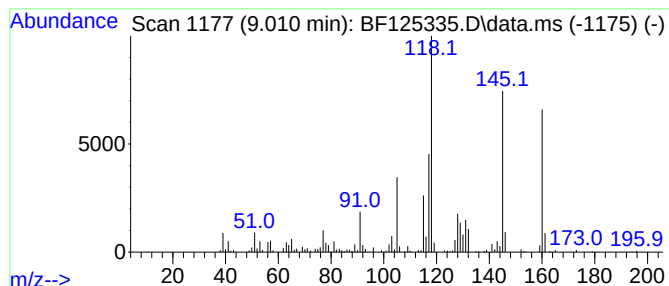
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TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	3.21 ng	237047	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	78
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	78
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
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Acq On : 2 Sep 2021 22:52
Operator : JU/CG
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Misc :
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Instrument :
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ClientSampleId :
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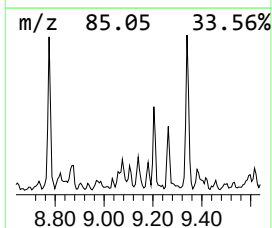
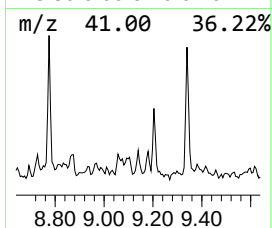
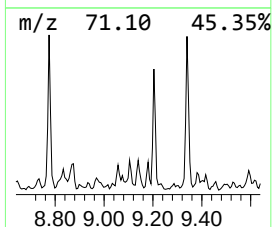
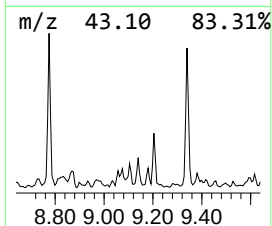
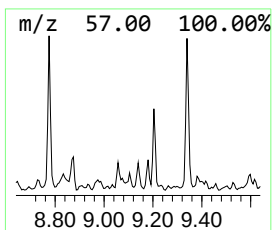
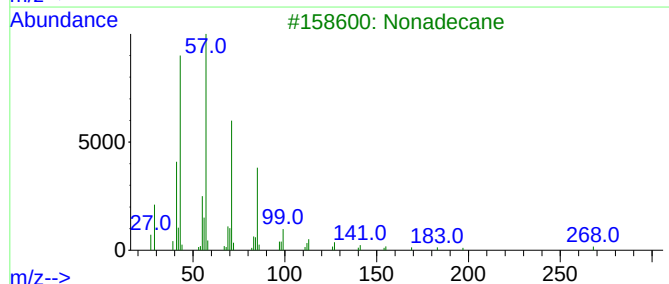
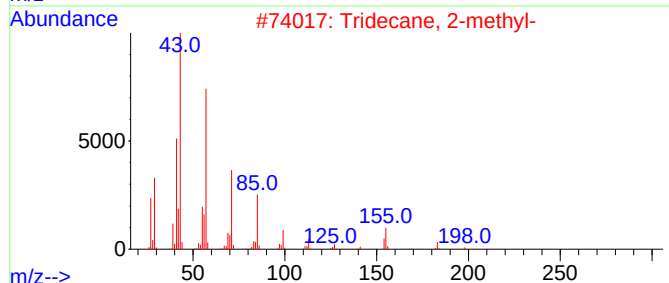
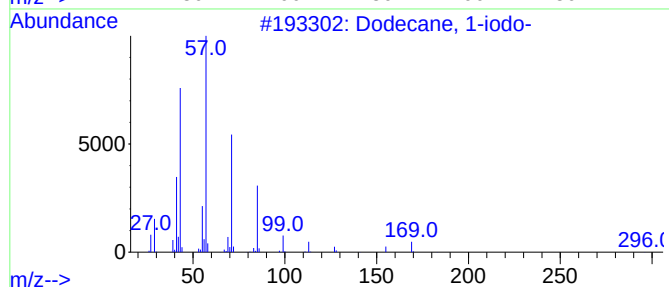
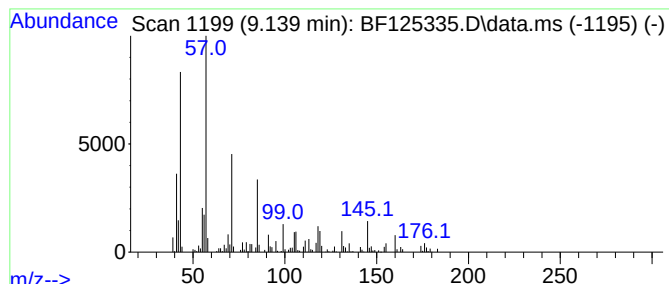
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.139 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.139	4.02 ng	303073	Acenaphthene-d10	9.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	47
3			Nonadecane	268	C19H40	000629-92-5	47
4			1-Iodoundecane	282	C11H23I	004282-44-4	47
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	47



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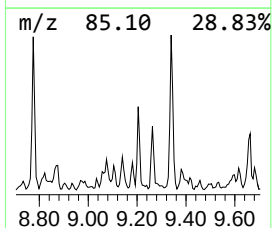
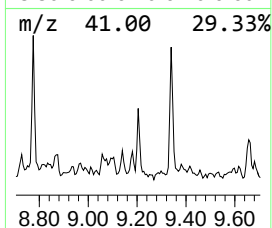
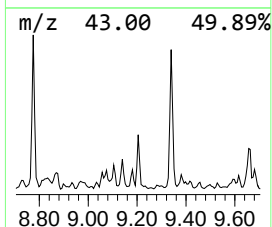
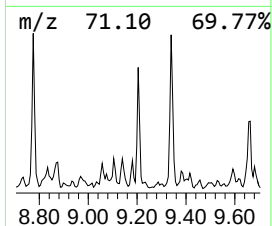
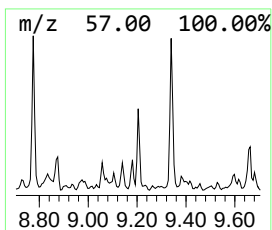
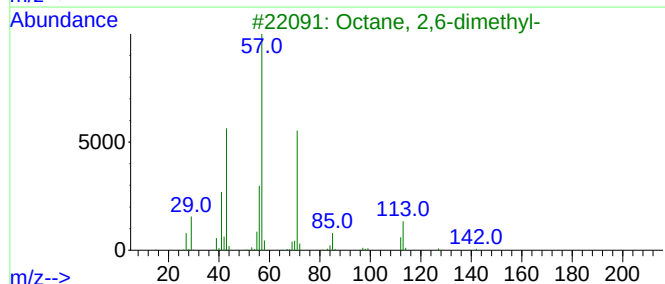
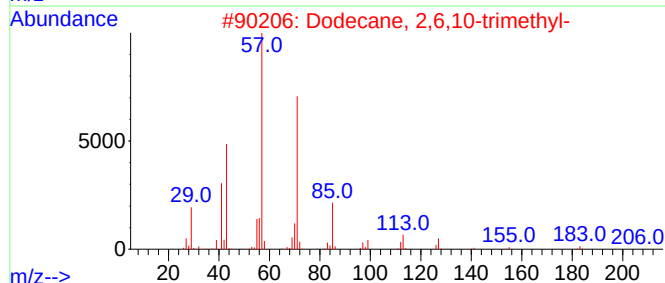
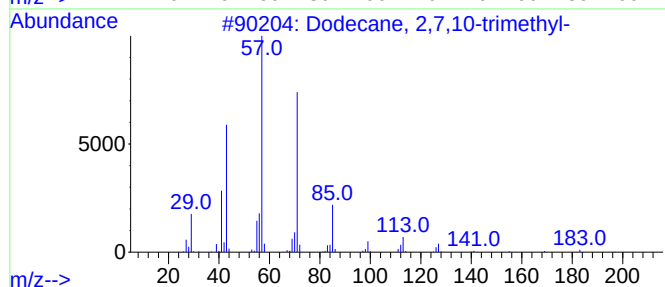
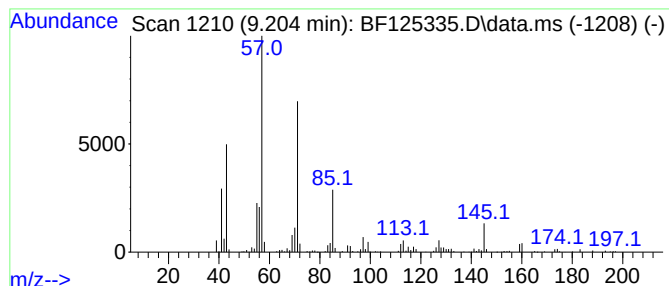
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.204	5.66 ng	426091	Acenaphthene-d10	9.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	74
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	47



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Data File : BF125335.D
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Operator : JU/CG
Sample : M3609-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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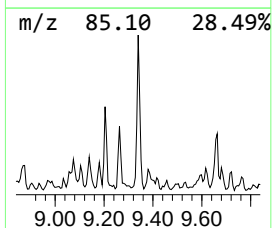
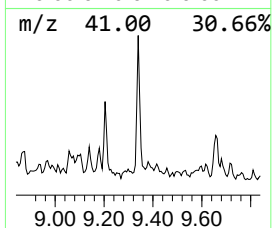
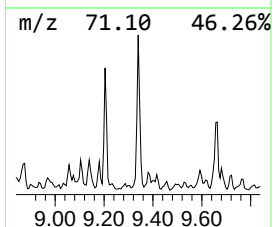
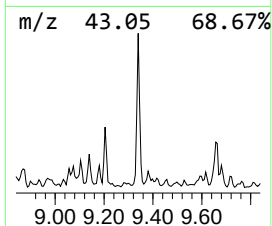
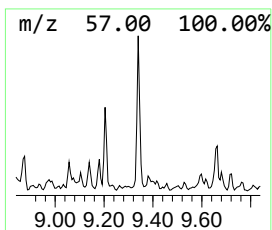
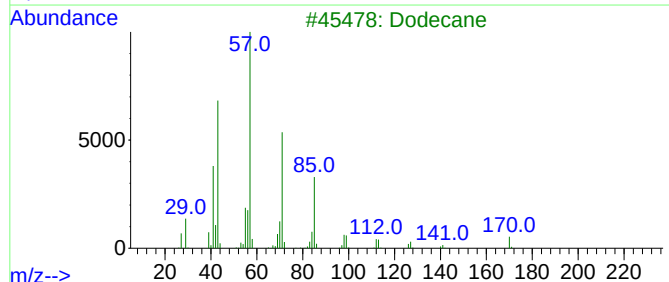
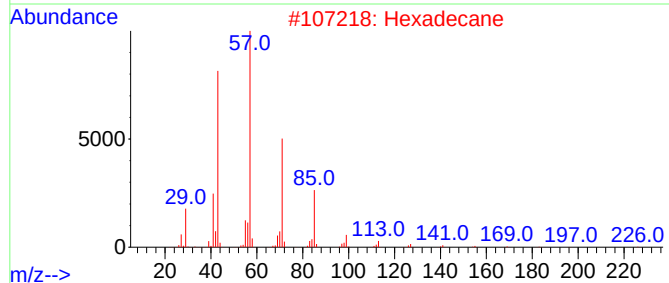
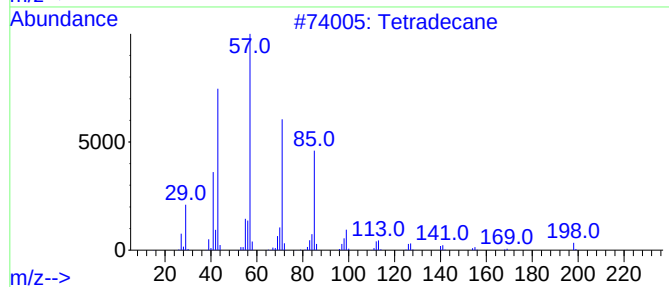
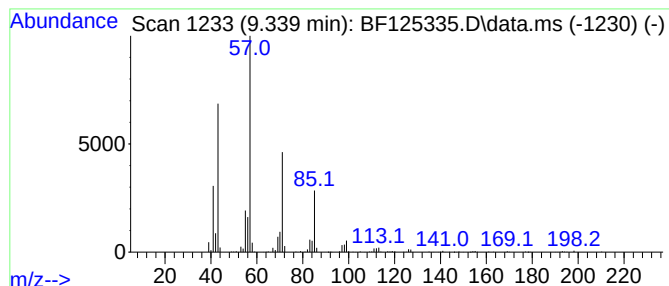
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	10.12 ng	761770	Acenaphthene-d10	9.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Dodecane	170	C12H26	000112-40-3	90
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	90
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
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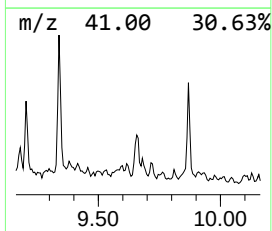
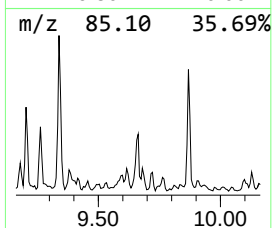
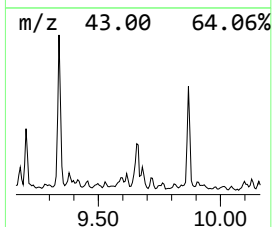
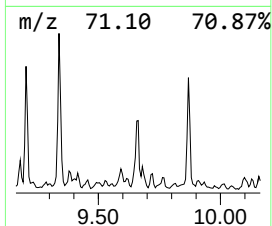
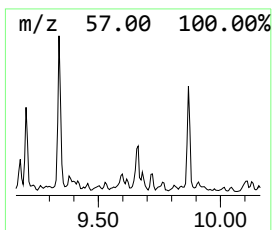
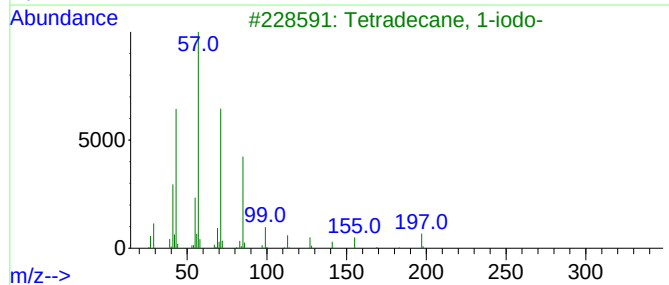
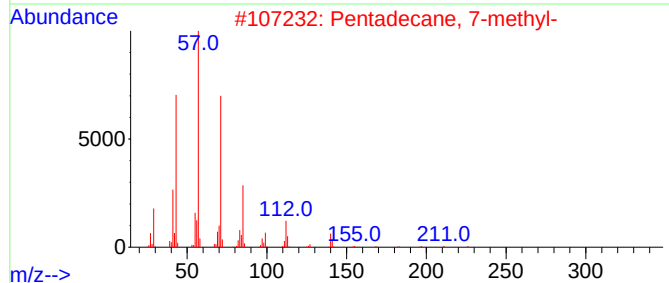
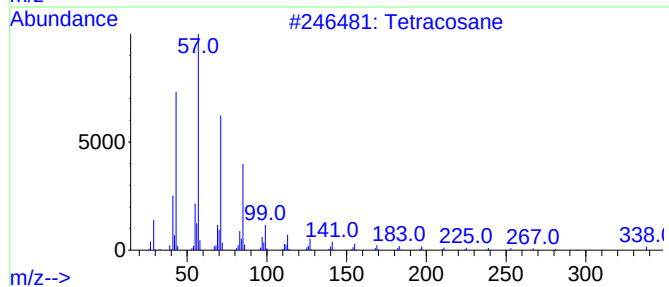
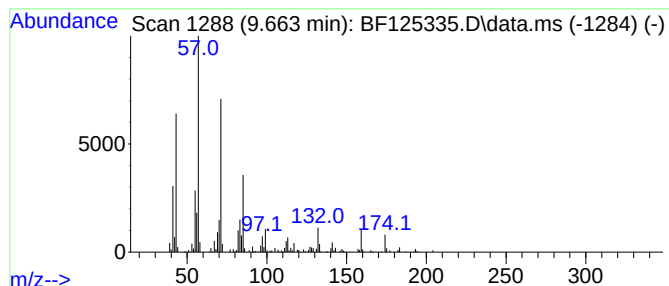
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	5.68 ng	427702	Acenaphthene-d10	9.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	58
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	58
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4		Heneicosane	296	C21H44	000629-94-7	58
5		Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
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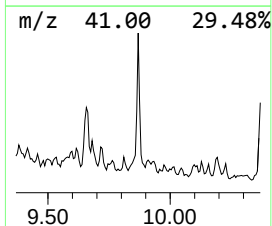
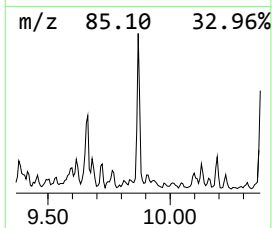
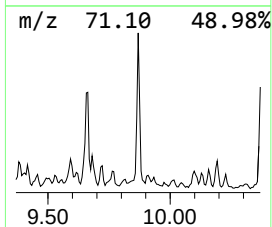
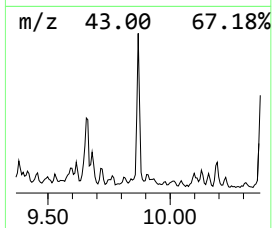
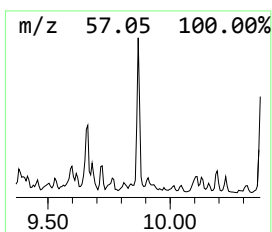
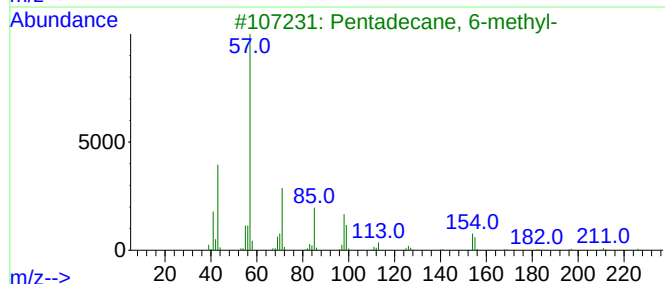
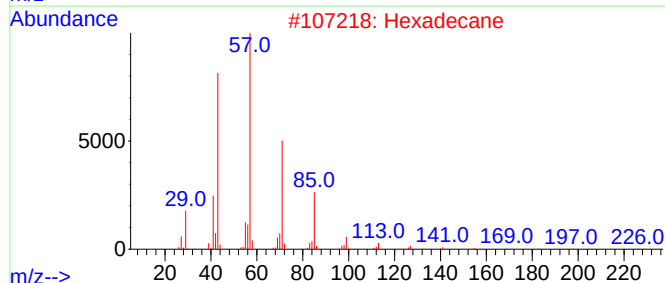
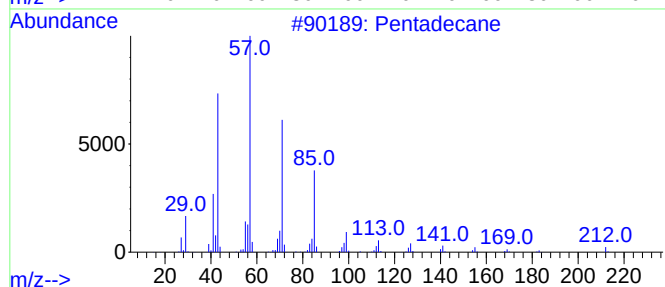
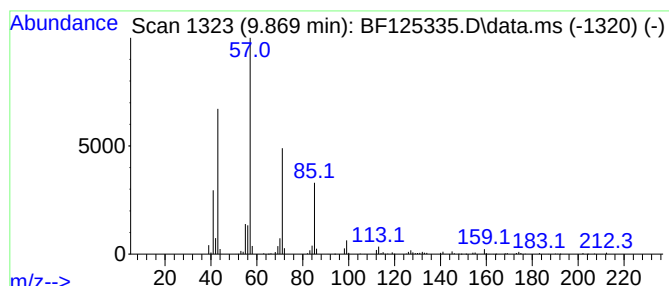
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.869	6.46 ng	486789	Acenaphthene-d10	9.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	86
2		Hexadecane	226	C16H34	000544-76-3	80
3		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
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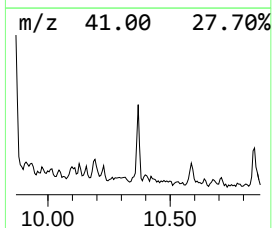
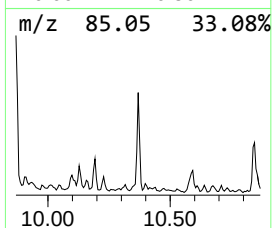
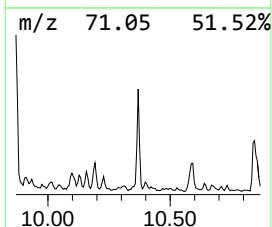
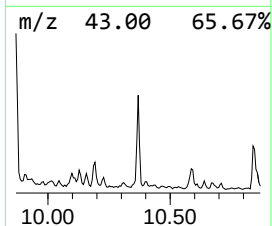
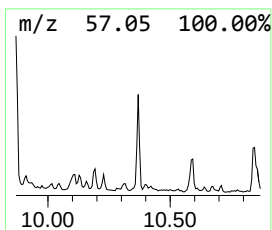
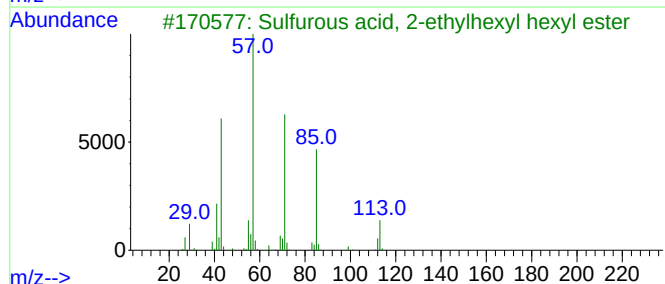
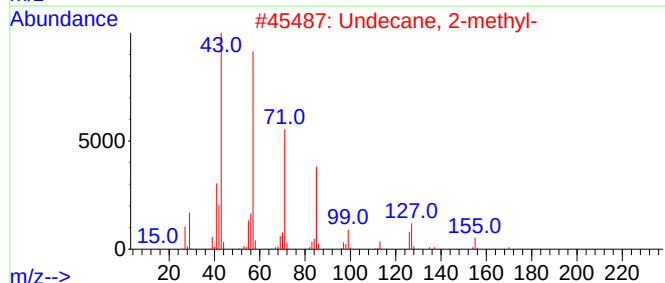
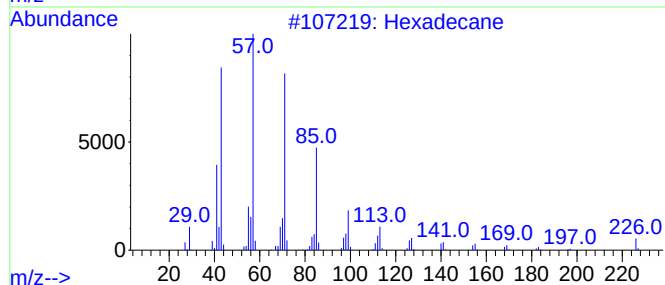
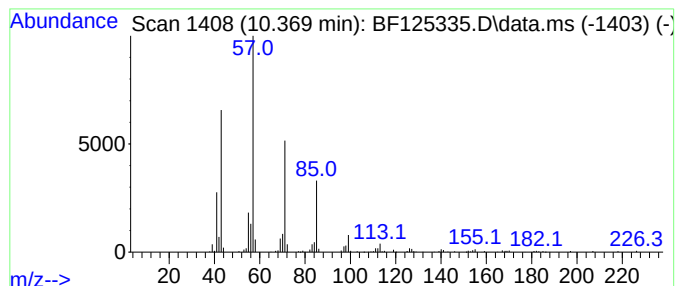
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.369	4.17 ng	314231	Acenaphthene-d10	9.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	80
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78
4			Tridecane	184	C13H28	000629-50-5	78
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76



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ALS Vial : 19 Sample Multiplier: 1

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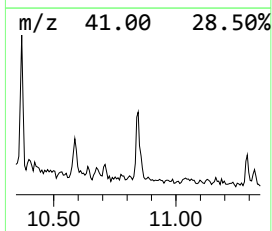
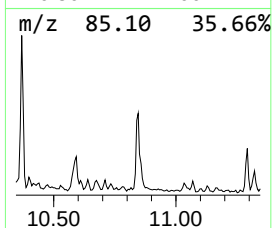
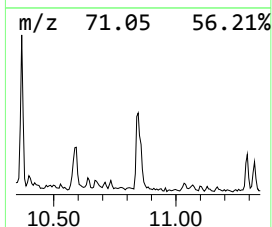
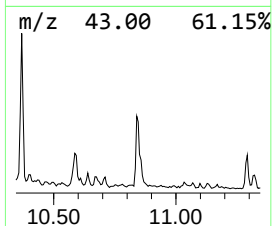
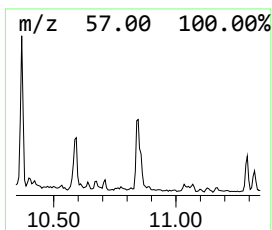
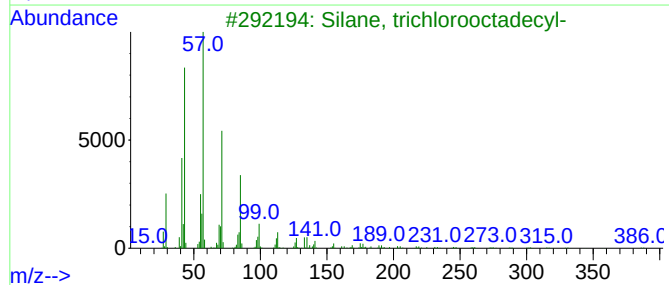
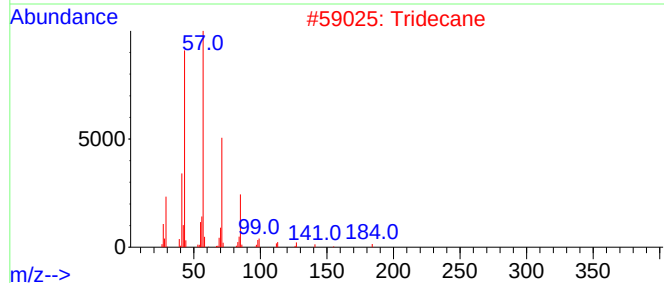
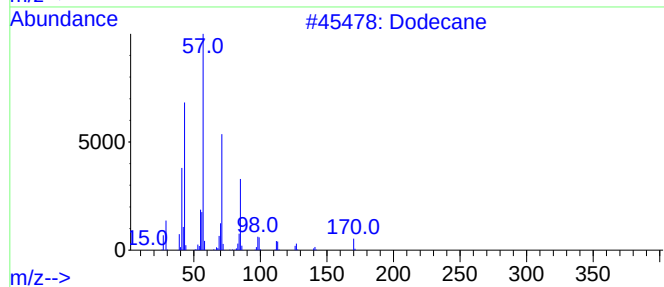
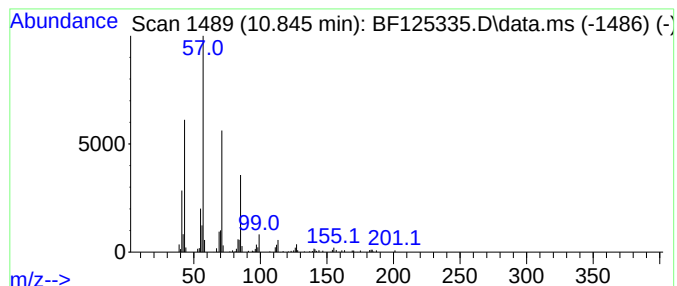
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	3.72 ng	241397	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Tridecane	184	C13H28	000629-50-5	90
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
Data File : BF125335.D
Acq On : 2 Sep 2021 22:52
Operator : JU/CG
Sample : M3609-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-083121

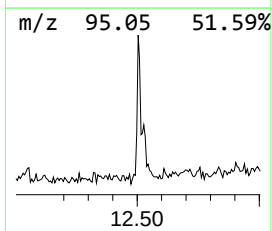
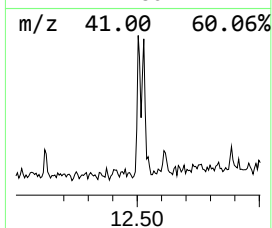
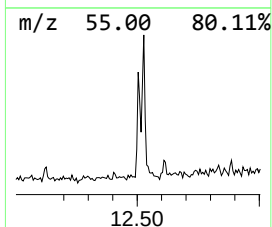
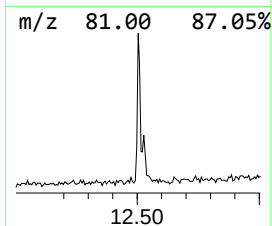
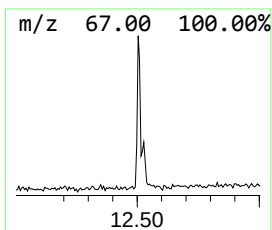
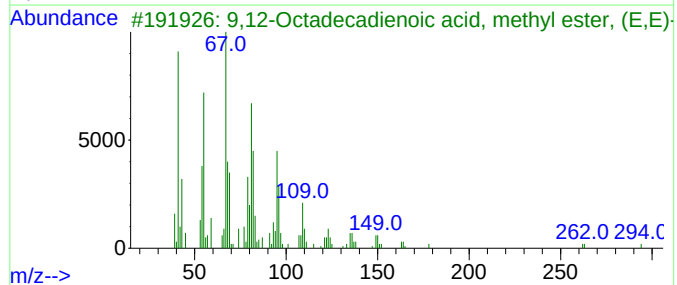
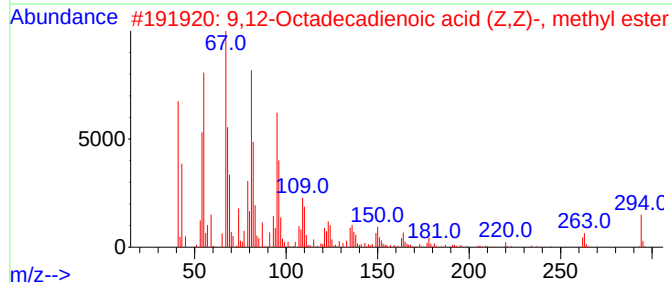
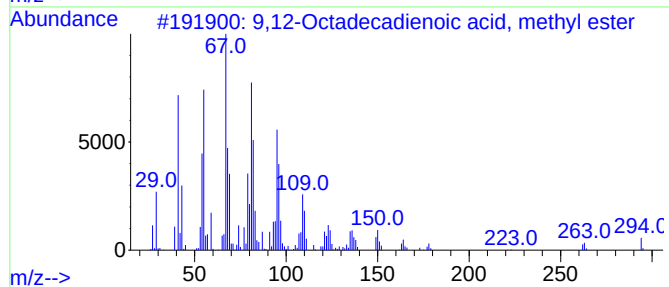
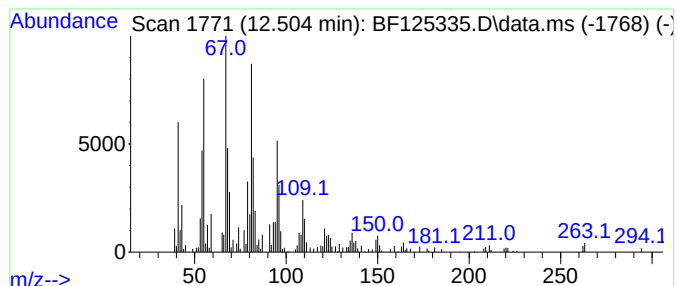
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	3.21 ng	208071	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98		
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98		
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97		
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
Data File : BF125335.D
Acq On : 2 Sep 2021 22:52
Operator : JU/CG
Sample : M3609-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-083121

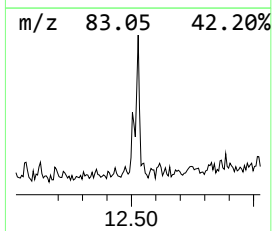
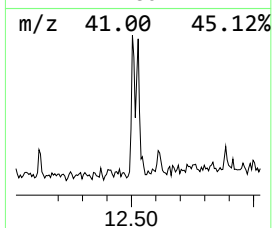
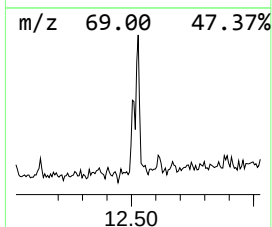
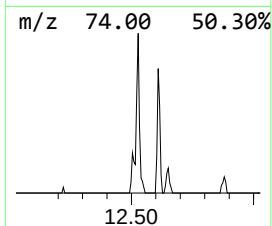
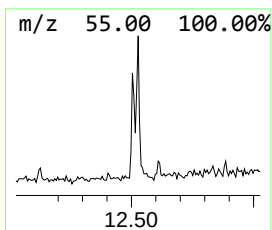
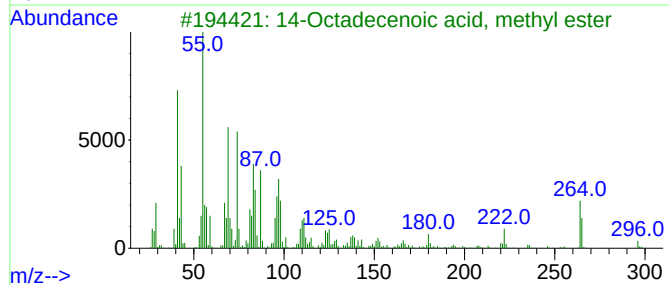
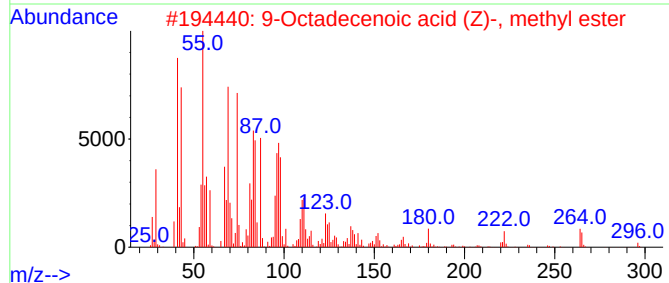
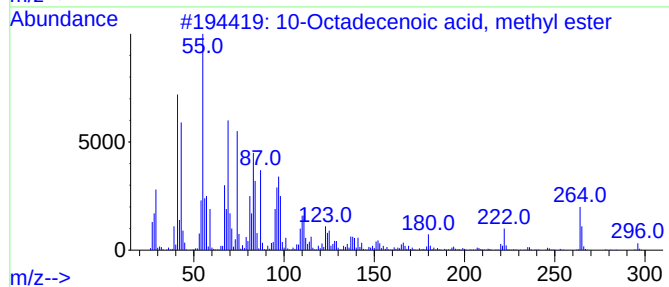
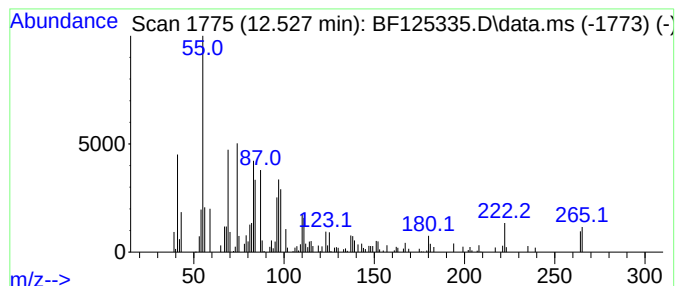
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 10-Octadecenoic acid, methyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	2.70 ng	174826	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	87
4		trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	80
5		Methyl (Z)-10-pentadecenoate	254	C16H30O2	1000426-92-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
Data File : BF125335.D
Acq On : 2 Sep 2021 22:52
Operator : JU/CG
Sample : M3609-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-083121

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.152	4.7	ng	257302	1	6.910	1086660	20.0
unknown7.551	7.551	2.5	ng	182286	2	8.192	1478010	20.0
2,2-Dimethylpro...	7.604	2.5	ng	184827	2	8.192	1478010	20.0
Undecane, 3,6-d...	8.245	5.5	ng	408015	2	8.192	1478010	20.0
Cyclohexane, 2-...	8.392	2.6	ng	191827	2	8.192	1478010	20.0
unknown8.481	8.481	4.3	ng	316243	2	8.192	1478010	20.0
Sulfurous acid,...	8.563	2.9	ng	214411	2	8.192	1478010	20.0
Nonane, 3-methyl-	8.604	5.6	ng	415968	2	8.192	1478010	20.0
Dodecane	8.775	8.1	ng	596306	2	8.192	1478010	20.0
Naphthalene, 1,...	9.010	3.2	ng	237047	2	8.192	1478010	20.0
unknown9.139	9.139	4.0	ng	303073	3	9.951	1506200	20.0
Dodecane, 2,7,1...	9.204	5.7	ng	426091	3	9.951	1506200	20.0
Tetradecane	9.339	10.1	ng	761770	3	9.951	1506200	20.0
Tetracosane	9.663	5.7	ng	427702	3	9.951	1506200	20.0
Pentadecane	9.869	6.5	ng	486789	3	9.951	1506200	20.0
Hexadecane	10.369	4.2	ng	314231	3	9.951	1506200	20.0
Tridecane	10.845	3.7	ng	241397	4	11.433	1297150	20.0
9,12-Octadecadi...	12.504	3.2	ng	208071	4	11.433	1297150	20.0
10-Octadecenoic...	12.527	2.7	ng	174826	4	11.433	1297150	20.0