

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020420\
 Data File : BF118820.D
 Acq On : 4 Feb 2020 23:57
 Operator : CG/JU
 Sample : L1368-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-020320

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF020320.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	563	567	572	rVB	1137268	998840	5.13%	0.837%
2	5.728	616	619	626	rBV	233540	230891	1.19%	0.194%
3	6.075	674	678	684	rVB2	185536	225342	1.16%	0.189%
4	6.351	722	725	728	rBV2	257865	326916	1.68%	0.274%
5	6.416	732	736	737	rBV2	366991	333495	1.71%	0.280%
6	6.434	737	739	743	rVB	1197733	928490	4.77%	0.778%
7	6.563	757	761	766	rBV3	160158	307970	1.58%	0.258%
8	6.639	772	774	775	rBV	474229	375385	1.93%	0.315%
9	6.657	775	777	784	rVB	1597029	1524138	7.83%	1.277%
10	6.816	800	804	806	rVV	1820896	1749460	8.99%	1.466%
11	6.839	806	808	811	rVV2	536519	464197	2.38%	0.389%
12	6.875	811	814	819	rVB3	390906	405806	2.08%	0.340%
13	6.969	827	830	833	rBV	1530264	1307068	6.71%	1.095%
14	7.098	848	852	855	rVB2	658586	718419	3.69%	0.602%
15	7.134	855	858	861	rBV2	710430	752851	3.87%	0.631%
16	7.163	861	863	867	rVB	551384	453751	2.33%	0.380%
17	7.210	868	871	875	rBV2	957974	829712	4.26%	0.695%
18	7.304	885	887	890	rVV	278701	244045	1.25%	0.205%
19	7.369	891	898	902	rVV4	877174	1685065	8.66%	1.412%
20	7.422	902	907	910	rVB	3418278	2883420	14.81%	2.417%
21	7.469	910	915	918	rVB4	500574	716252	3.68%	0.600%
22	7.504	918	921	923	rBV2	255123	356459	1.83%	0.299%
23	7.534	923	926	929	rVV2	401839	456506	2.34%	0.383%
24	7.586	930	935	936	rVV2	248218	379522	1.95%	0.318%
25	7.610	936	939	945	rVB3	546976	1034498	5.31%	0.867%
26	7.722	951	958	960	rBV3	554272	818682	4.21%	0.686%
27	7.745	960	962	965	rVV3	444671	581339	2.99%	0.487%
28	7.786	965	969	972	rVV3	603896	736745	3.78%	0.617%
29	7.822	972	975	976	rVV	709346	618108	3.17%	0.518%
30	7.839	976	978	979	rVV2	674377	594857	3.06%	0.499%
31	7.857	979	981	985	rVB2	799575	878364	4.51%	0.736%
32	7.898	985	988	990	rBV2	557691	528171	2.71%	0.443%
33	7.939	993	995	997	rVB	493430	389808	2.00%	0.327%
34	7.969	997	1000	1004	rBV2	287118	328849	1.69%	0.276%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.092	1017	1021	1024	rVV2	4219170	4931994	25.33%	4.134%
36	8.145	1028	1030	1031	rVV	383357	331924	1.70%	0.278%
37	8.169	1031	1034	1036	rVB	1085114	969207	4.98%	0.812%
38	8.192	1036	1038	1041	rBV2	343702	299207	1.54%	0.251%
39	8.292	1054	1055	1060	rVV2	372862	505157	2.59%	0.423%
40	8.339	1060	1063	1065	rVV2	245316	270264	1.39%	0.227%
41	8.392	1067	1072	1075	rVV4	827918	1259835	6.47%	1.056%
42	8.451	1079	1082	1084	rVV2	652715	577889	2.97%	0.484%
43	8.480	1084	1087	1090	rVV2	951188	886599	4.55%	0.743%
44	8.528	1091	1095	1100	rVV2	1300213	1588029	8.16%	1.331%
45	8.563	1100	1101	1104	rVB	356310	255877	1.31%	0.214%
46	8.604	1104	1108	1111	rBV2	839140	828808	4.26%	0.695%
47	8.645	1113	1115	1117	rVV2	240176	244821	1.26%	0.205%
48	8.698	1120	1124	1127	rVV	2977593	2840510	14.59%	2.381%
49	8.757	1131	1134	1137	rVV2	677619	774329	3.98%	0.649%
50	8.792	1137	1140	1146	rVB4	637278	781119	4.01%	0.655%
51	8.922	1159	1162	1166	rVB3	450325	432257	2.22%	0.362%
52	8.980	1169	1172	1173	rBV2	353978	332531	1.71%	0.279%
53	9.057	1183	1185	1189	rVB2	603125	543289	2.79%	0.455%
54	9.098	1189	1192	1194	rBV	448122	391001	2.01%	0.328%
55	9.128	1194	1197	1201	rVV2	996176	959989	4.93%	0.805%
56	9.169	1201	1204	1207	rVB	1630439	1255846	6.45%	1.053%
57	9.263	1216	1220	1223	rBV	2199143	2220136	11.40%	1.861%
58	9.322	1228	1230	1233	rVB	280459	249586	1.28%	0.209%
59	9.428	1243	1248	1249	rBV4	187504	222298	1.14%	0.186%
60	9.492	1255	1259	1260	rBV2	173480	209621	1.08%	0.176%
61	9.510	1260	1262	1264	rVV2	353167	365545	1.88%	0.306%
62	9.533	1264	1266	1269	rVV2	398863	334281	1.72%	0.280%
63	9.580	1269	1274	1276	rVV3	899948	1177664	6.05%	0.987%
64	9.598	1276	1277	1280	rVV2	511642	374352	1.92%	0.314%
65	9.633	1281	1283	1286	rVB2	343449	301691	1.55%	0.253%
66	9.786	1306	1309	1314	rVB	1582147	1276163	6.56%	1.070%
67	9.851	1314	1320	1323	rBV	2636774	2537234	13.03%	2.126%
68	9.898	1324	1328	1331	rVB	2779667	2113553	10.86%	1.771%
69	10.022	1345	1349	1351	rBV3	164321	231968	1.19%	0.194%
70	10.110	1361	1364	1368	rVV3	275236	341927	1.76%	0.287%
71	10.286	1391	1394	1397	rVB	1028379	784811	4.03%	0.658%

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 ClientSampleId :
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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

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Max Peaks: 100

Peak Location: TOP

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Peak separation: 5

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72	10.504	1425	1431	1437	rBV	316005	462690	2.38%	0.388%
73	10.627	1449	1452	1457	rVB2	809663	787245	4.04%	0.660%
74	10.757	1471	1474	1482	rVB	806585	885757	4.55%	0.742%
75	10.857	1488	1491	1496	rVB	1348753	1170518	6.01%	0.981%
76	11.204	1547	1550	1553	rBV	598452	467814	2.40%	0.392%
77	11.239	1553	1556	1560	rVB2	224983	248078	1.27%	0.208%
78	11.333	1568	1572	1574	rBV	2190299	2052805	10.54%	1.720%
79	11.633	1620	1623	1624	rBV	424790	374244	1.92%	0.314%
80	11.651	1624	1626	1630	rVB2	301046	245860	1.26%	0.206%
81	11.733	1636	1640	1643	rBV	7461515	6492618	33.35%	5.441%
82	11.863	1659	1662	1665	rBV	431284	388276	1.99%	0.325%
83	12.039	1689	1692	1700	rVB	376412	407667	2.09%	0.342%
84	12.427	1752	1758	1760	rBV	12507634	19468061	100.00%	16.316%
85	12.451	1760	1762	1767	rVV2	14002946	13697130	70.36%	11.480%
86	12.486	1767	1768	1771	rVV	255040	227063	1.17%	0.190%
87	12.521	1771	1774	1777	rVV	3365714	2832701	14.55%	2.374%
88	12.557	1777	1780	1781	rVV	550021	671162	3.45%	0.563%
89	12.574	1781	1783	1791	rVV	1323726	1480371	7.60%	1.241%
90	12.645	1793	1795	1802	rVB4	169550	225467	1.16%	0.189%
91	12.916	1837	1841	1844	rVB	1165826	1063595	5.46%	0.891%
92	13.163	1878	1883	1887	rBV2	410558	604688	3.11%	0.507%
93	13.245	1894	1897	1900	rVB	369590	309673	1.59%	0.260%
94	13.410	1922	1925	1931	rVB5	176972	224873	1.16%	0.188%
95	13.910	2007	2010	2015	rBV	281904	265955	1.37%	0.223%
96	13.963	2015	2019	2022	rBV	1862455	1850165	9.50%	1.551%
97	14.439	2095	2100	2103	rBV4	200019	313779	1.61%	0.263%
98	14.533	2113	2116	2122	rBV6	133433	245611	1.26%	0.206%
99	14.857	2166	2171	2181	rBV	550915	948474	4.87%	0.795%
100	15.409	2261	2265	2269	rBV	1429468	1739862	8.94%	1.458%

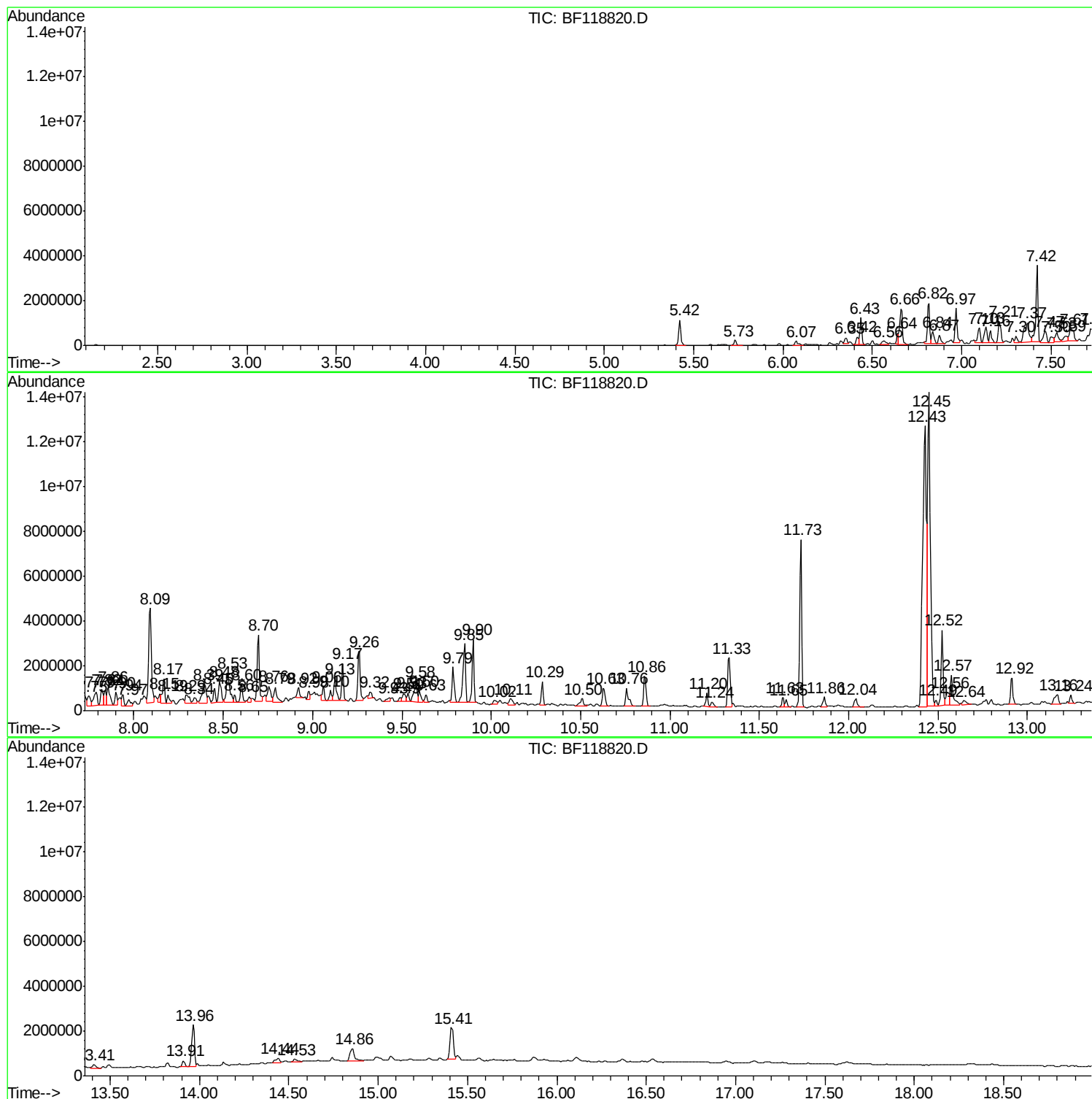
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-020320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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Acq On : 4 Feb 2020 23:57
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Misc :
ALS Vial : 22 Sample Multiplier: 1

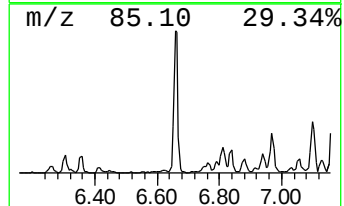
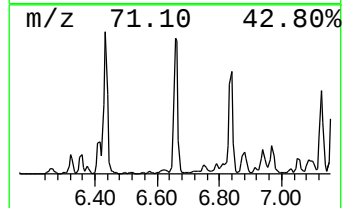
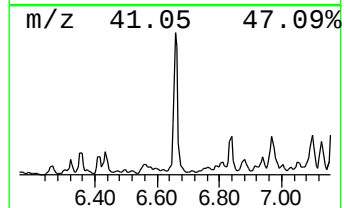
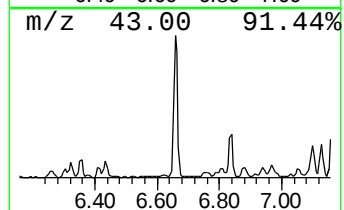
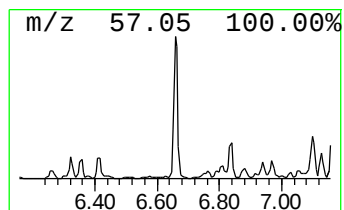
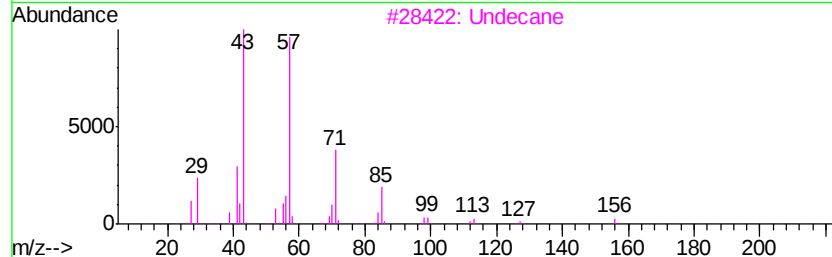
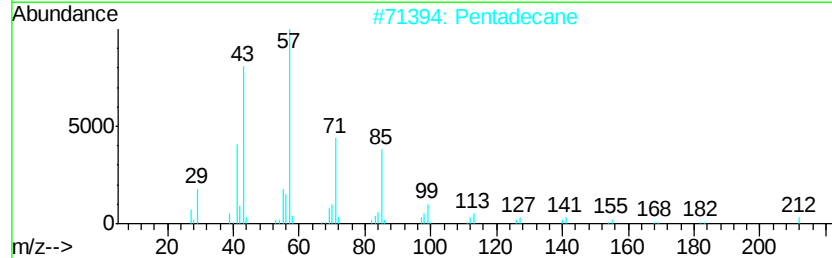
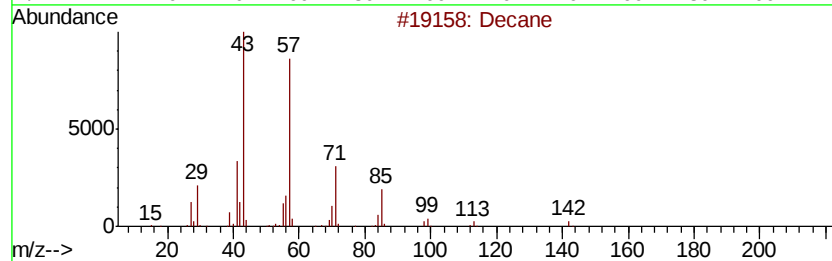
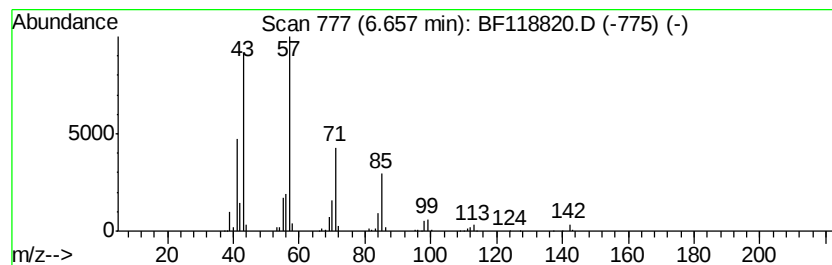
Instrument :
BNA_F
ClientSampleId :
EO-01-020320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.66	17.42 ng	1524140	1,4-Dichlorobenzene-d4	6.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	91
2	Pentadecane		212	C15H32	000629-62-9	83
3	Undecane		156	C11H24	001120-21-4	78
4	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	72
5	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	72



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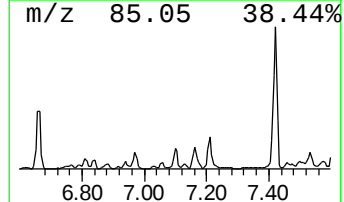
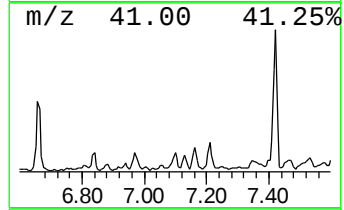
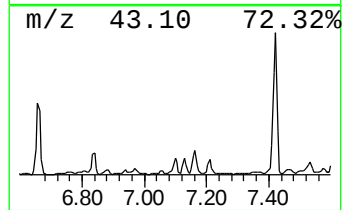
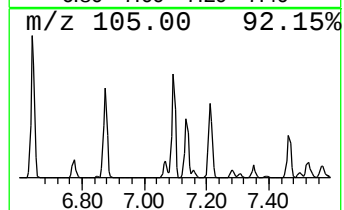
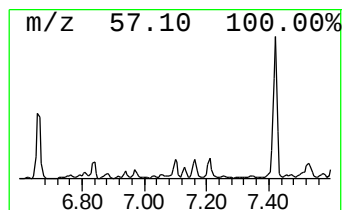
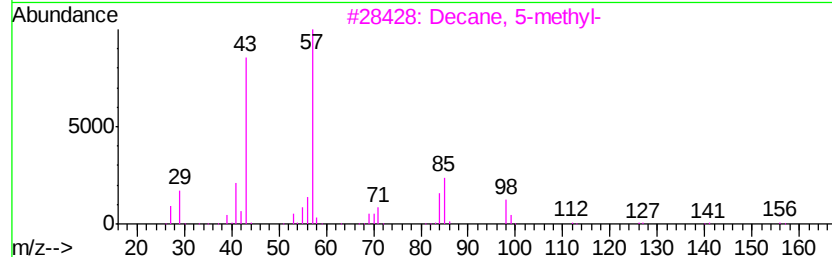
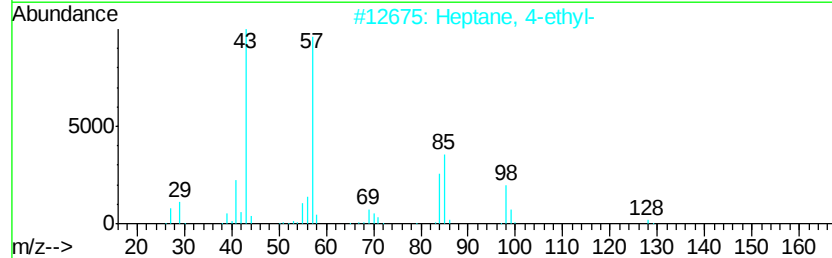
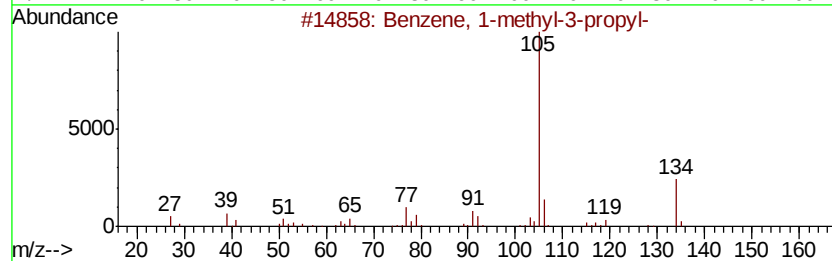
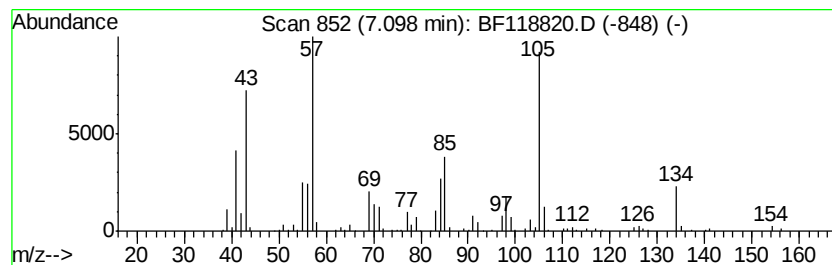
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	8.21 ng	718419	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
3		Decane, 5-methyl-	156	C11H24	013151-35-4	46
4		Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	43
5		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	35



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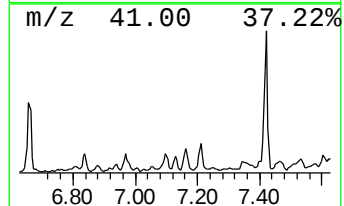
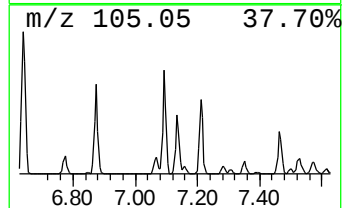
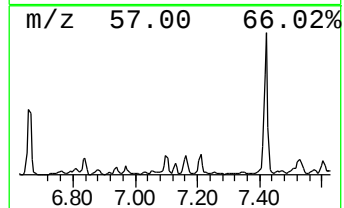
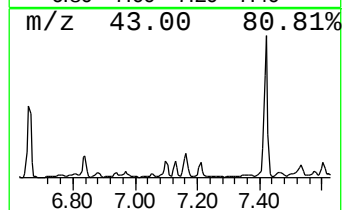
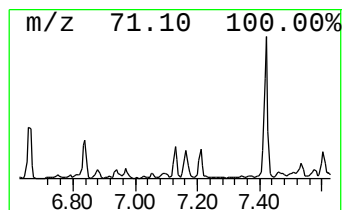
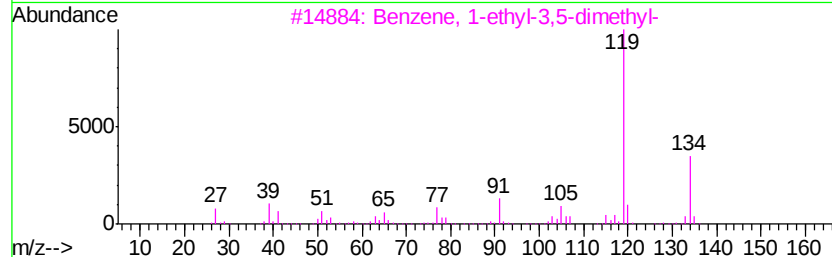
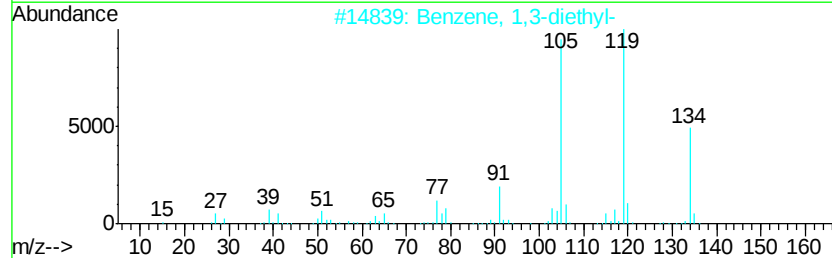
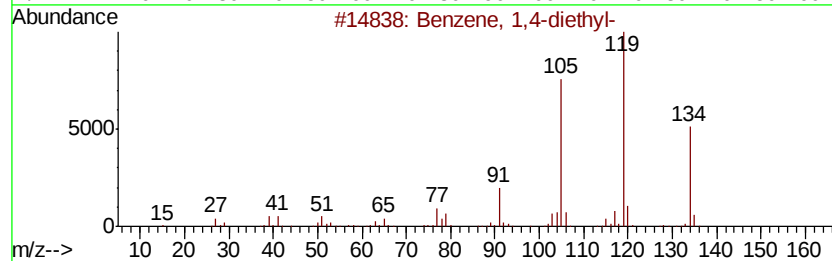
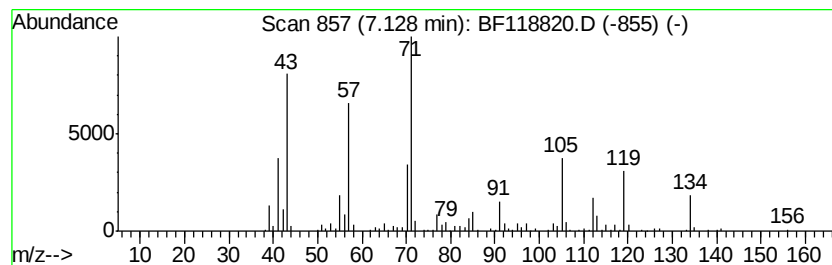
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	8.61 ng	752851	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
4			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	78
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76



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Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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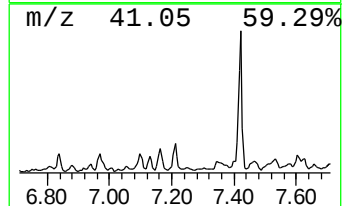
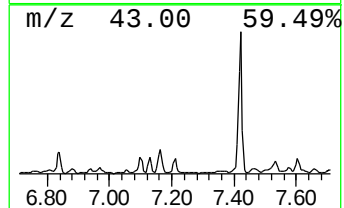
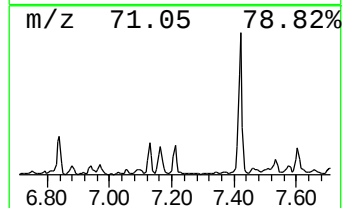
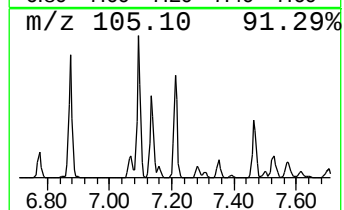
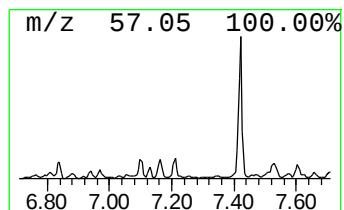
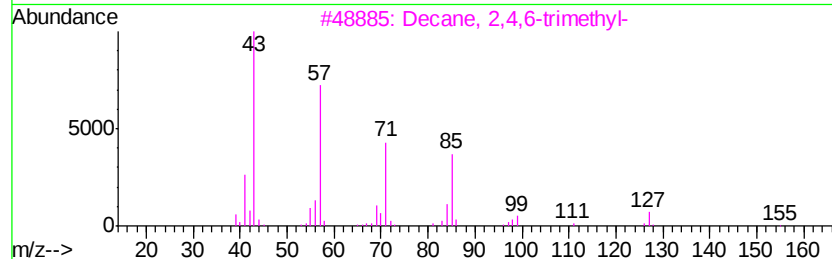
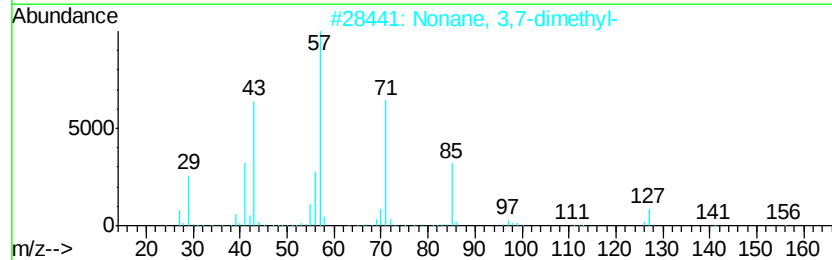
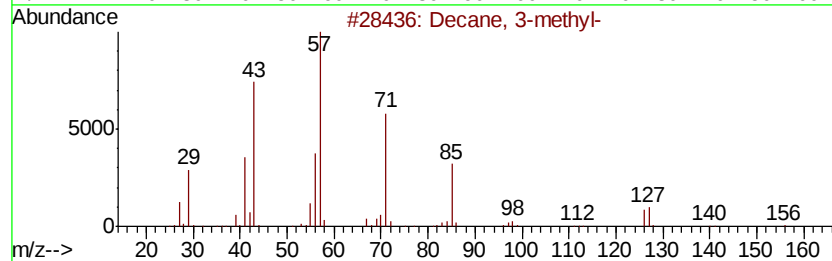
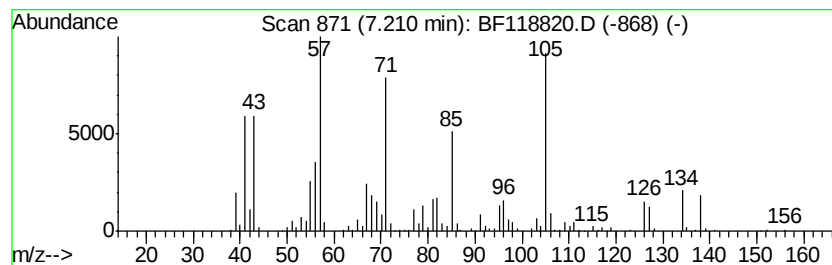
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	9.49 ng	829712	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	60
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
3		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	47
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	47
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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ClientSampleId :
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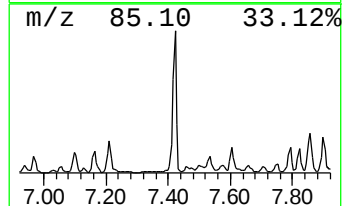
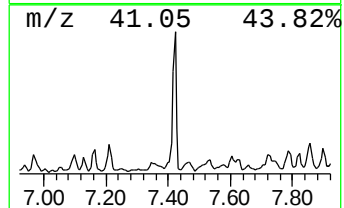
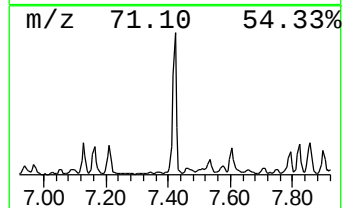
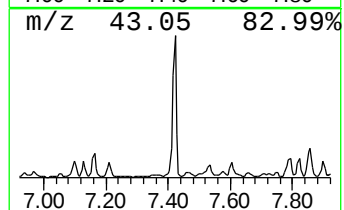
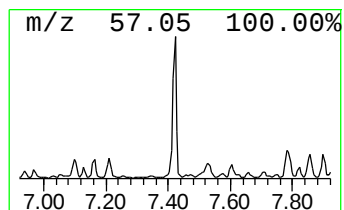
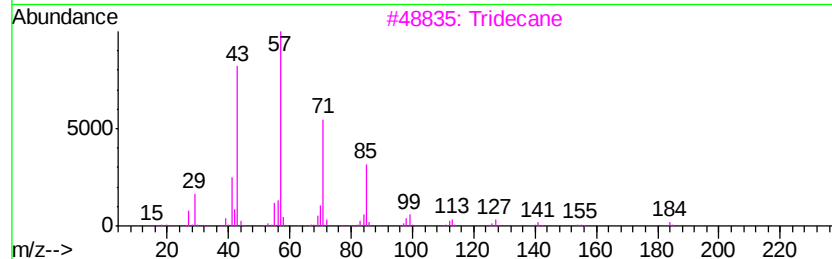
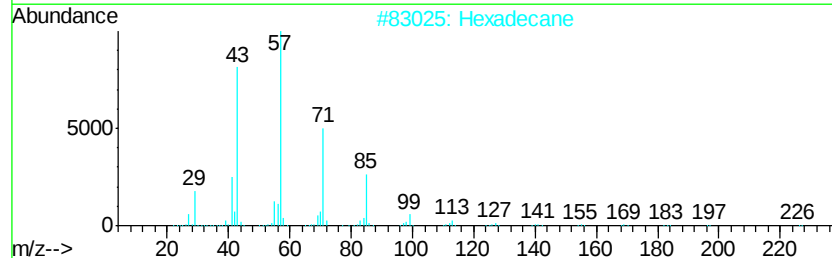
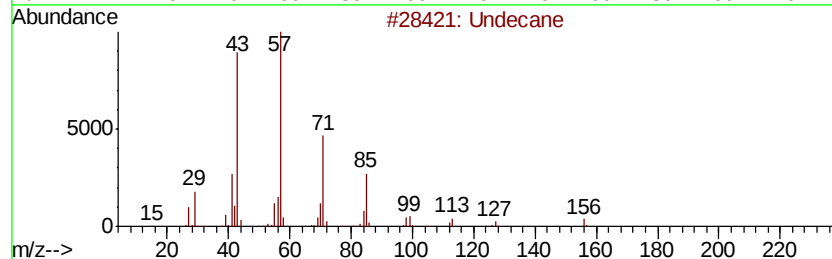
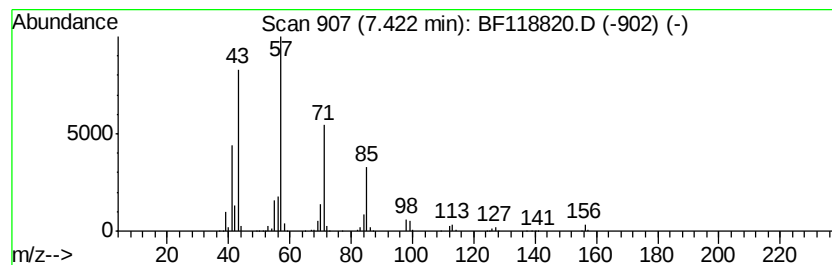
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	32.96 ng	2883420	1,4-Dichlorobenzene-d4	6.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	97
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tridecane		184	C13H28	000629-50-5	83
4	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	78
5	Heptadecane		240	C17H36	000629-78-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
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ClientSampleId :
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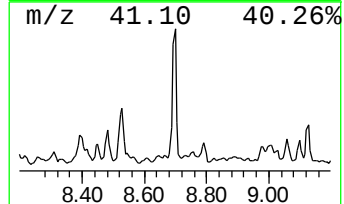
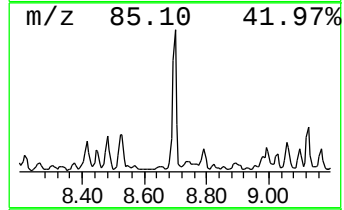
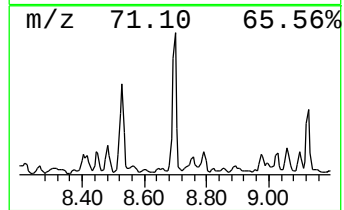
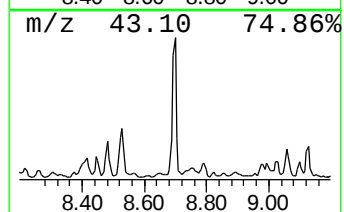
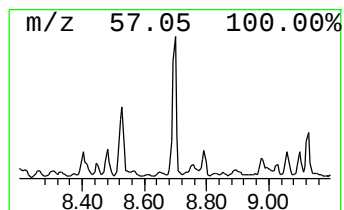
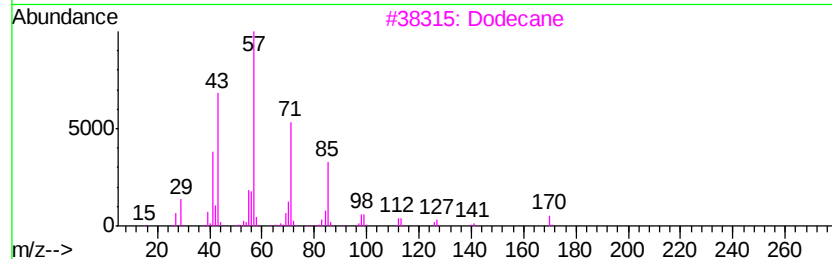
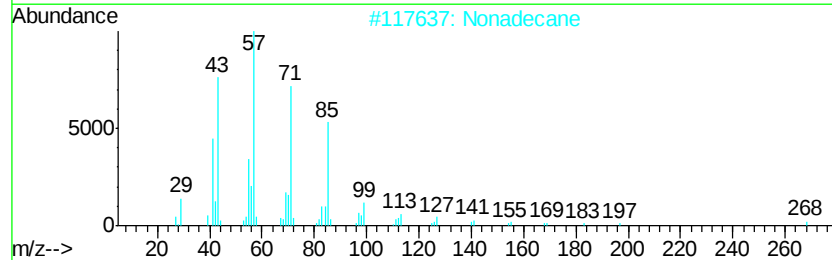
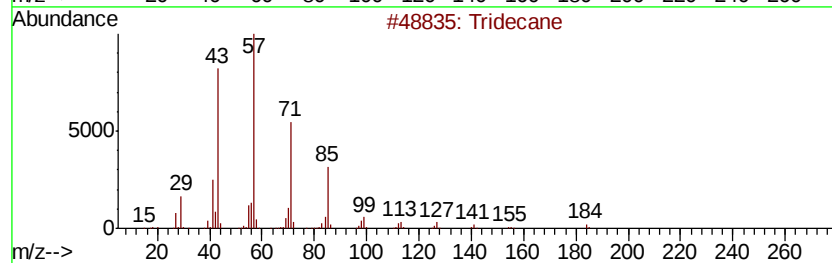
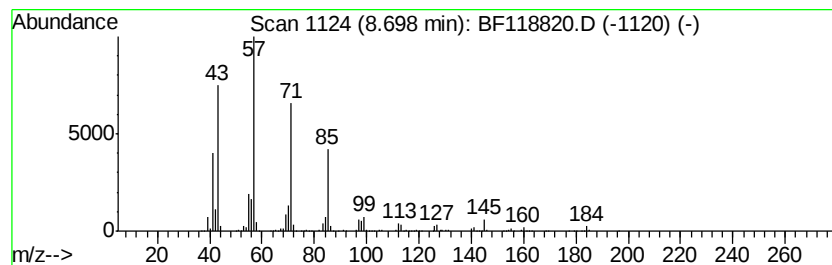
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	11.52 ng	2840510	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Nonadecane	268	C19H40	000629-92-5	90
3		Dodecane	170	C12H26	000112-40-3	86
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
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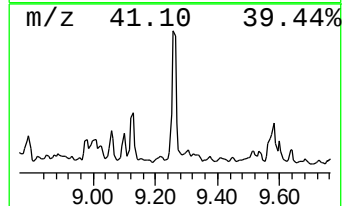
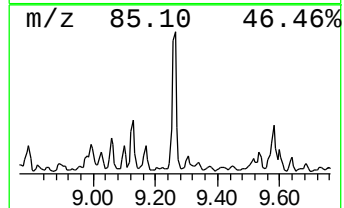
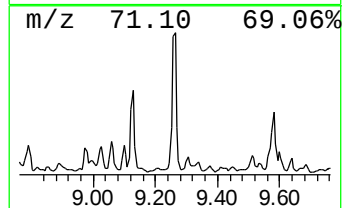
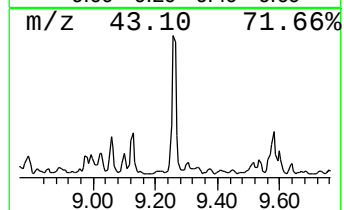
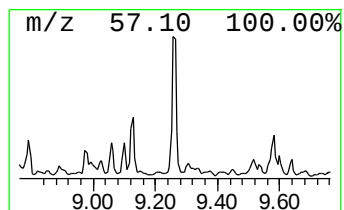
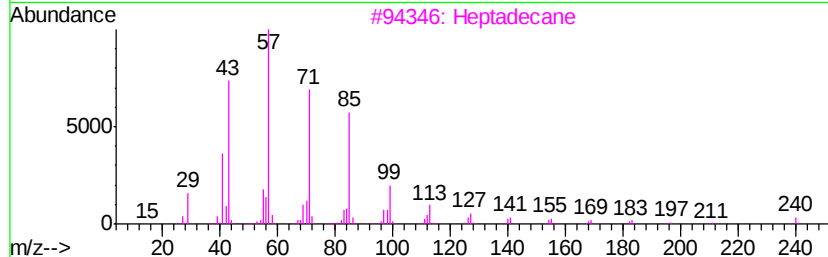
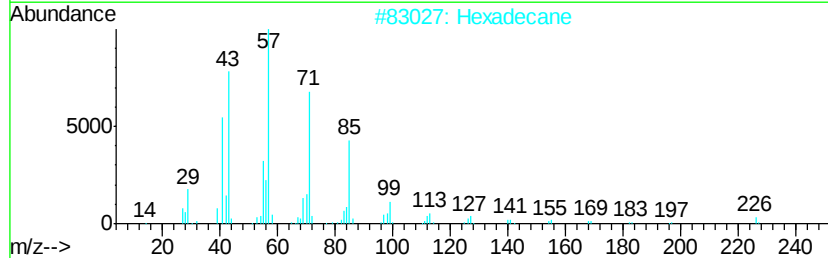
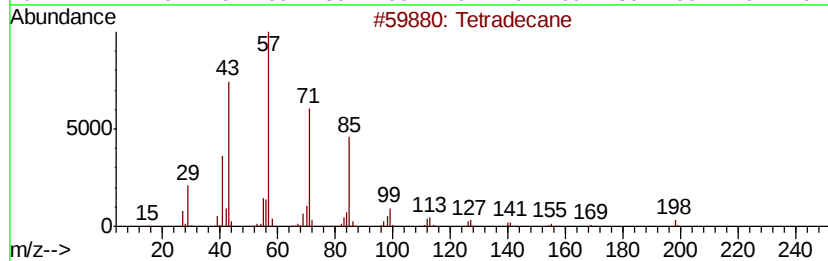
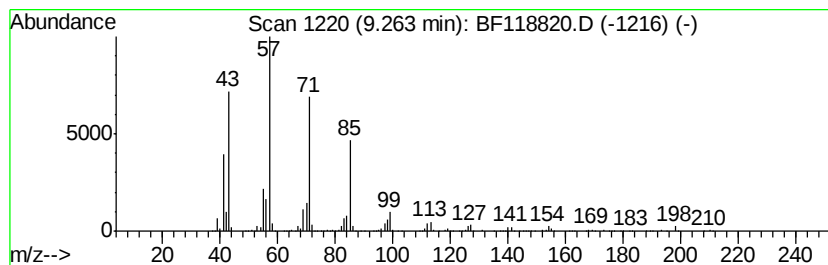
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	17.50 ng	2220140	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		9-methylheptadecane	254	C18H38	026741-18-4	86
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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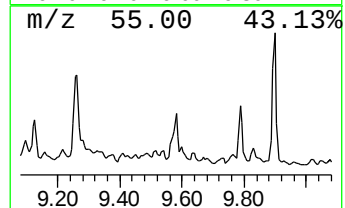
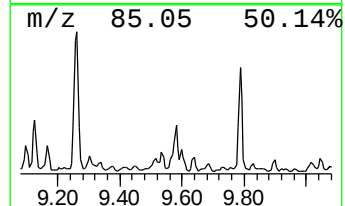
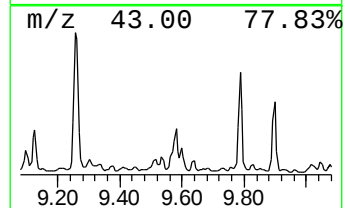
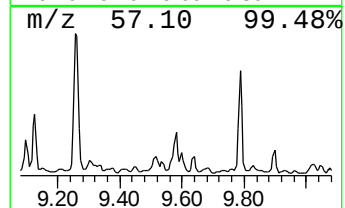
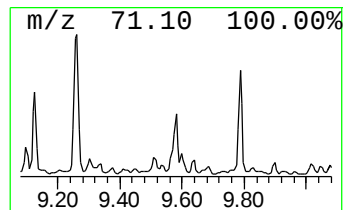
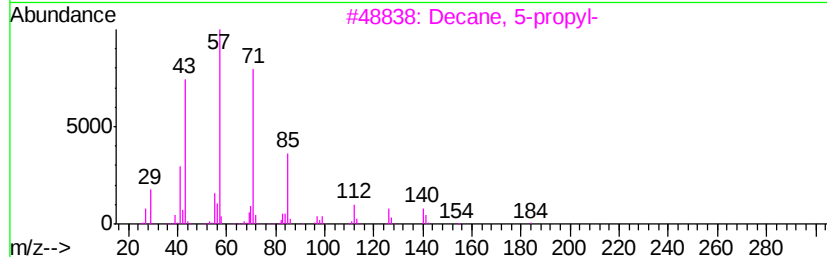
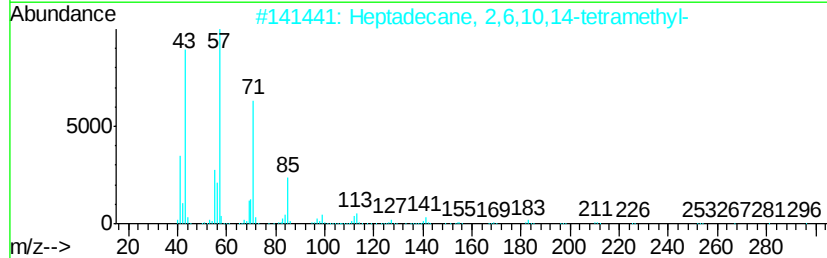
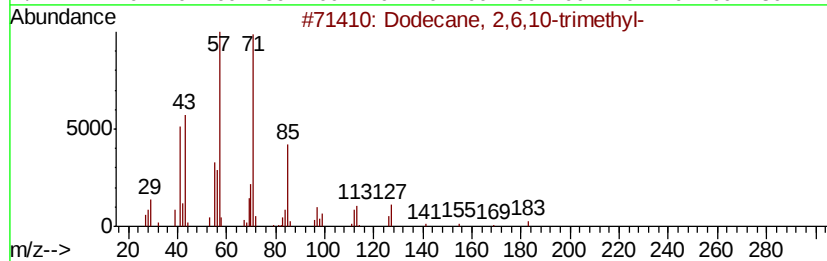
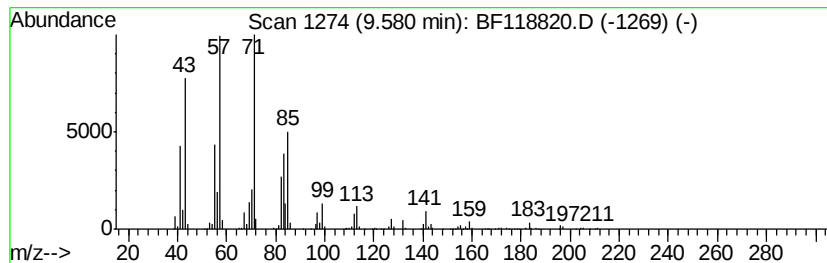
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	9.28 ng	1177660	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	58
2	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	58
3	Decane, 5-propyl-	184 C13H28	017312-62-8	53
4	Dodecane, 4-methyl-	184 C13H28	006117-97-1	53
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	52



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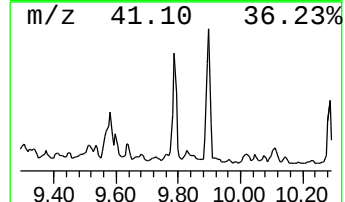
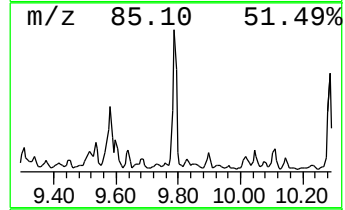
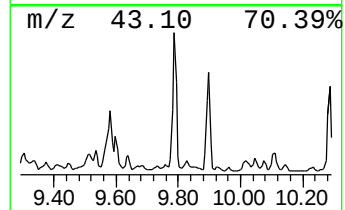
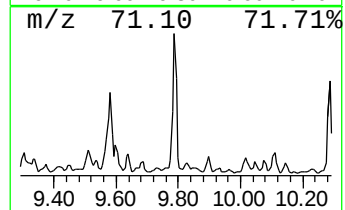
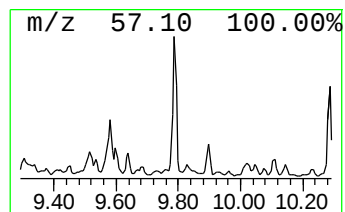
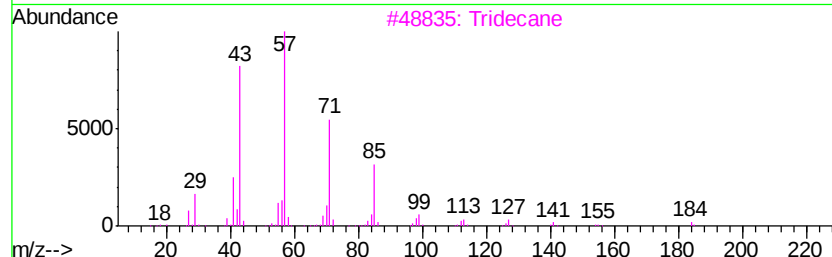
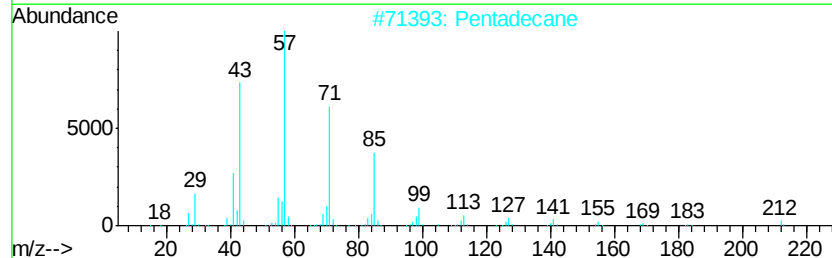
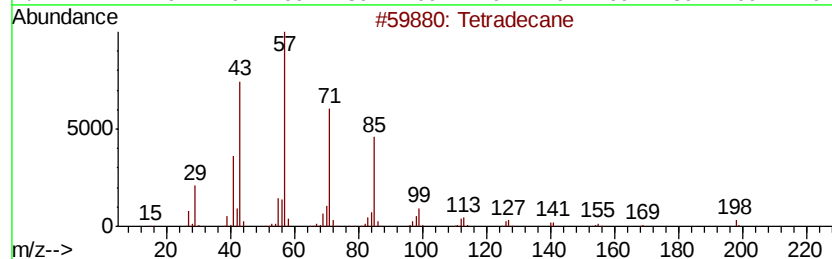
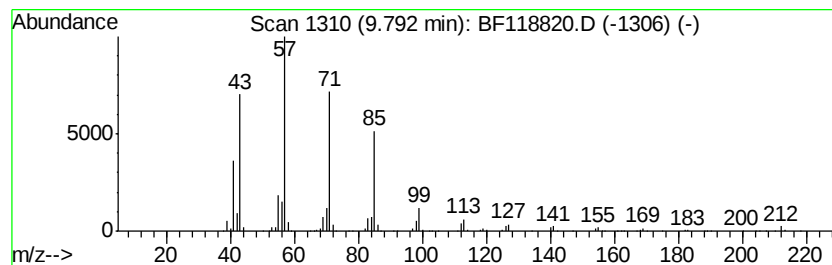
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	10.06 ng	1276160	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Pentadecane	212	C15H32	000629-62-9	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Nonadecane	268	C19H40	000629-92-5	86
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

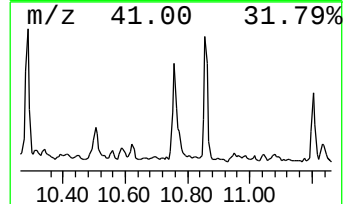
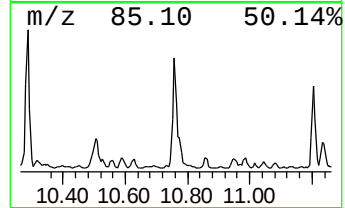
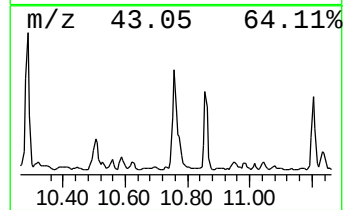
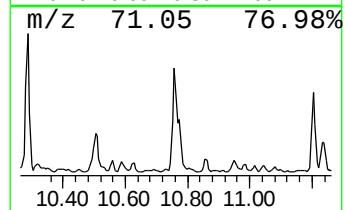
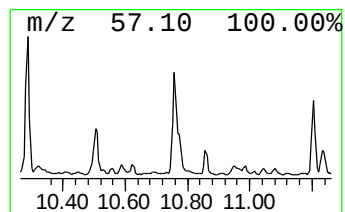
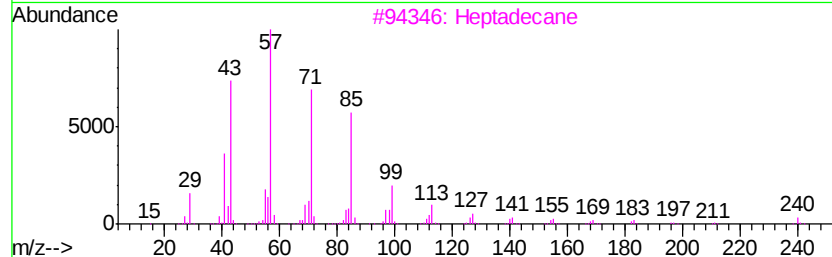
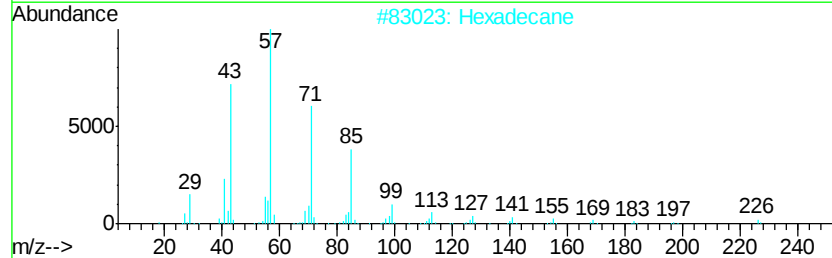
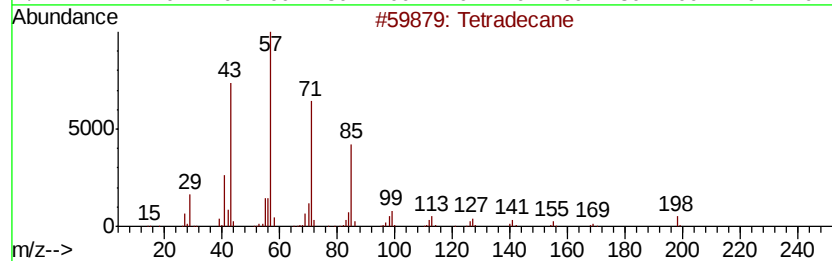
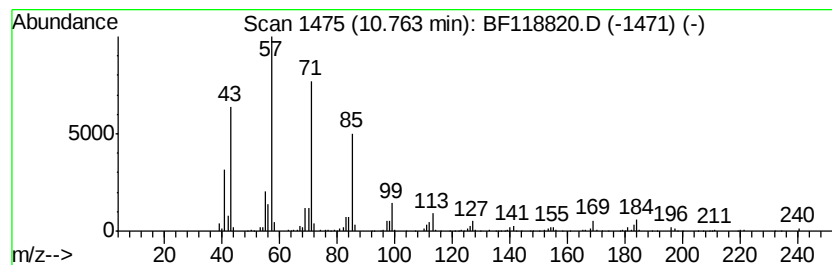
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ClientSampleId :
EO-01-020320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.76	8.63 ng	885757	Phenanthrene-d10		11.33
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	Heptadecane	240	C17H36	000629-78-7	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

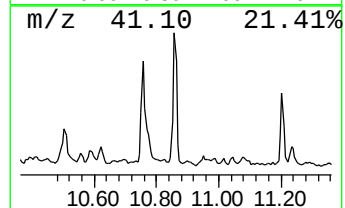
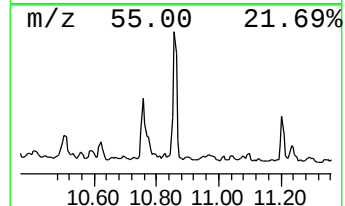
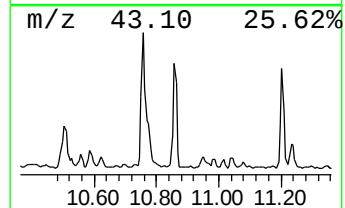
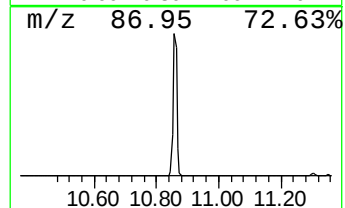
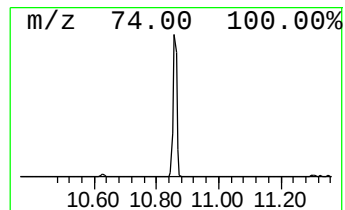
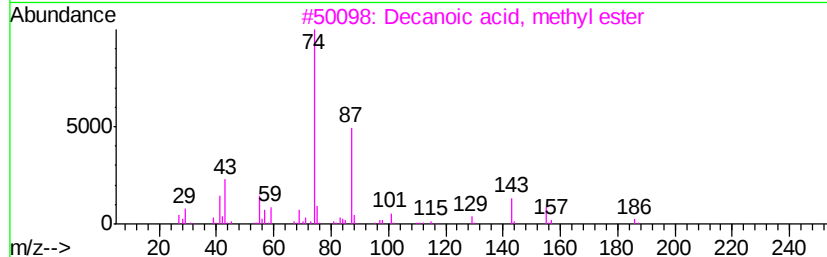
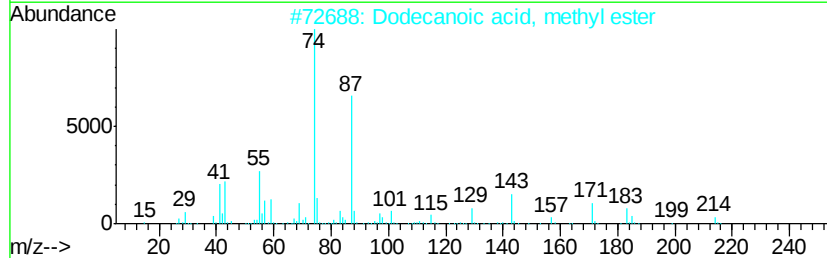
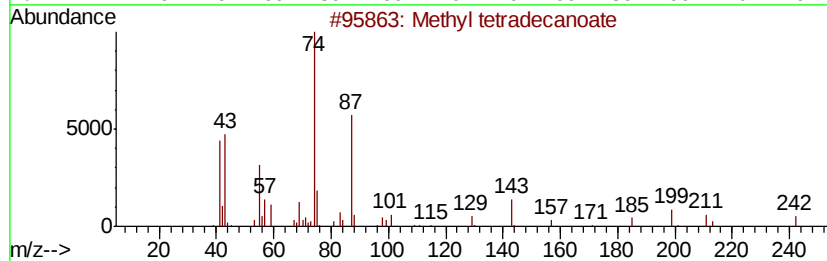
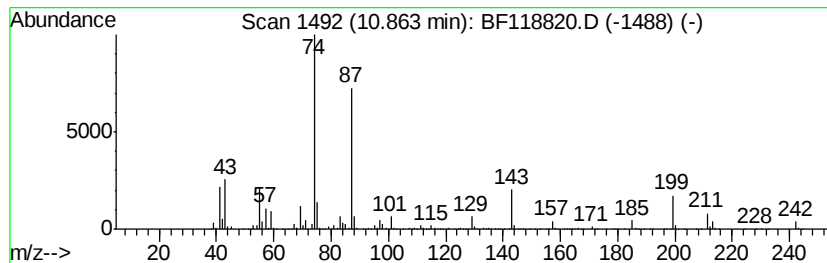
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Methyl tetradecanoate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.86	11.40 ng	1170520	Phenanthrene-d10		11.33	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
2		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	87
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	86
4		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	80
5		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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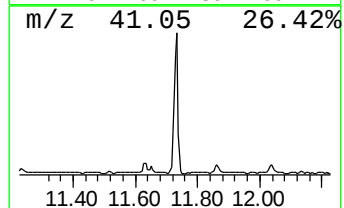
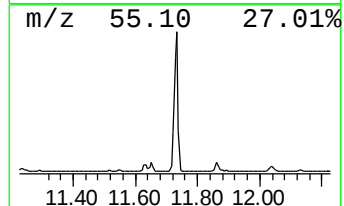
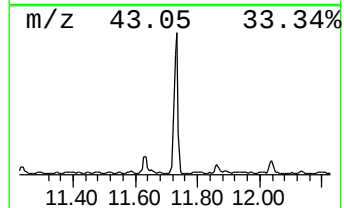
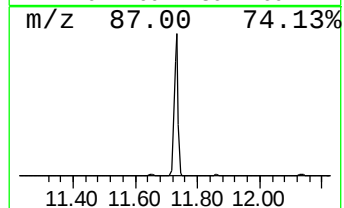
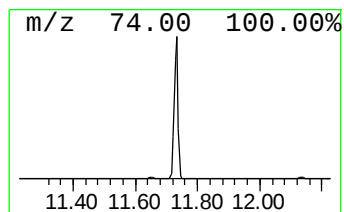
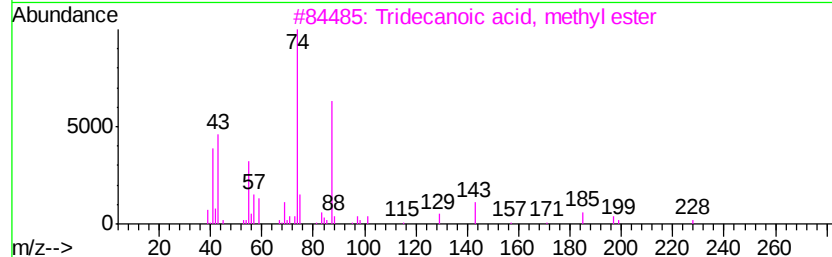
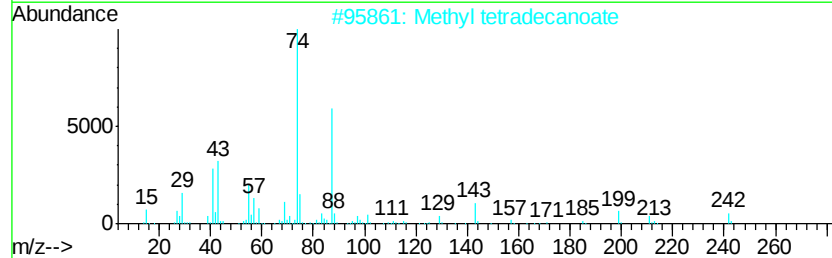
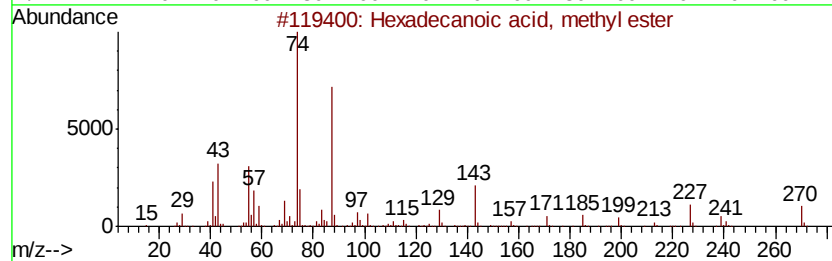
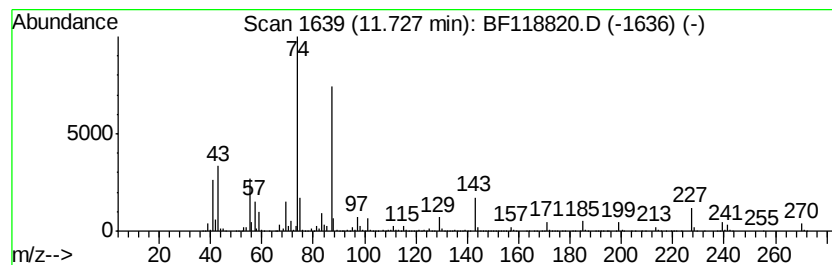
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	63.26 ng	6492620	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	83
5		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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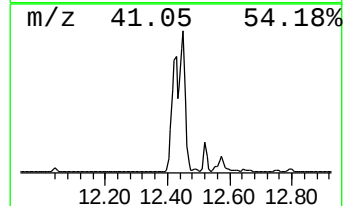
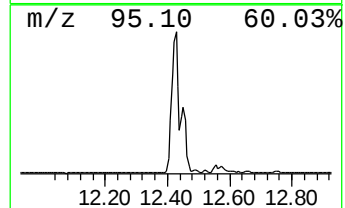
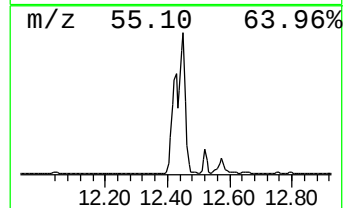
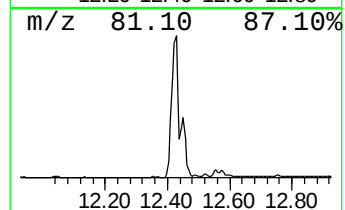
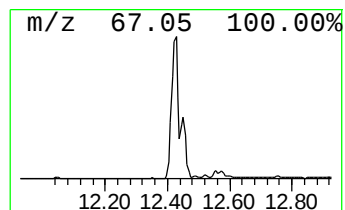
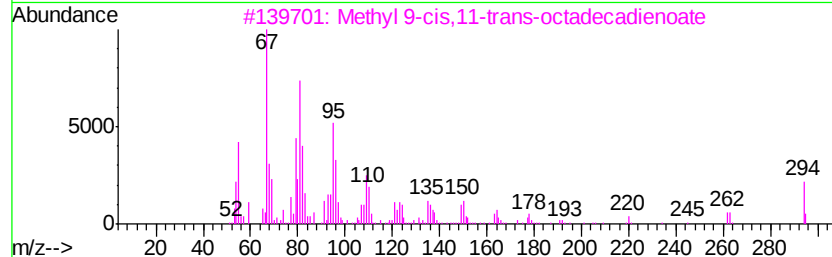
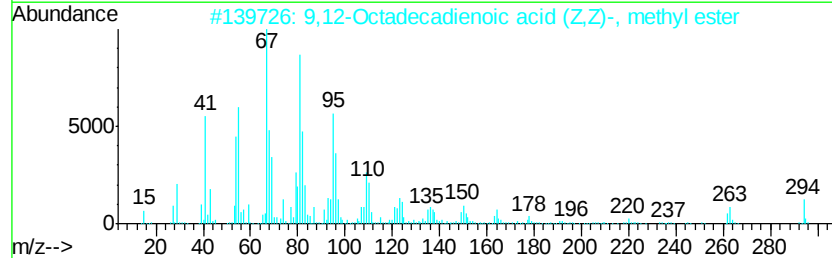
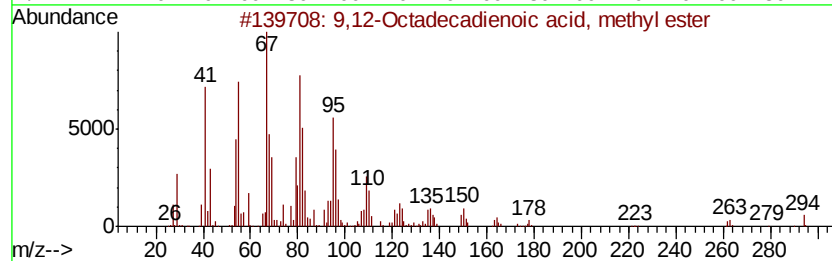
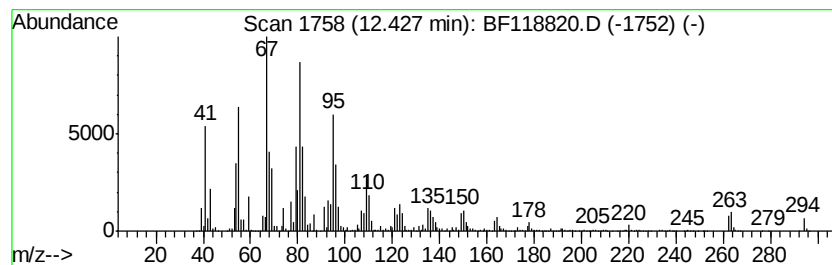
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	189.67 ng	19468100	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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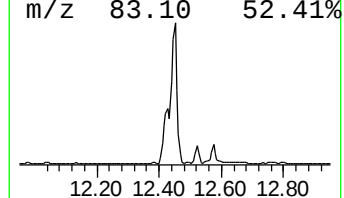
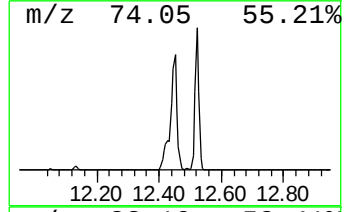
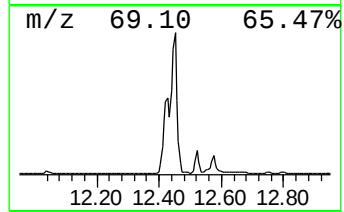
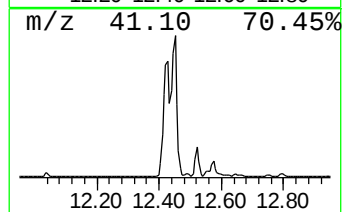
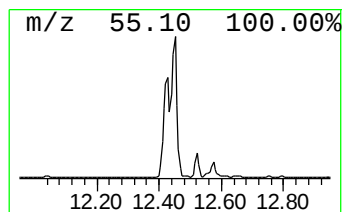
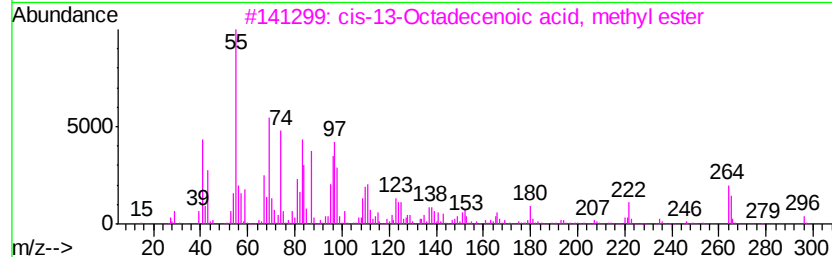
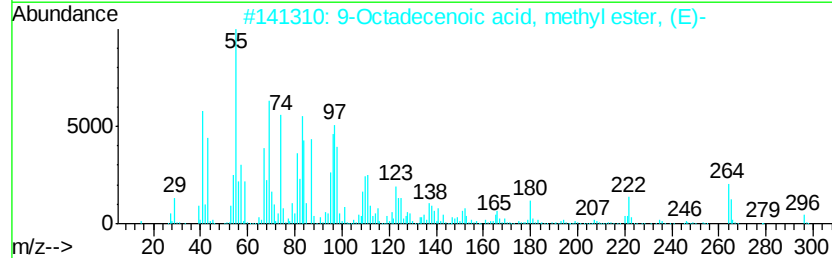
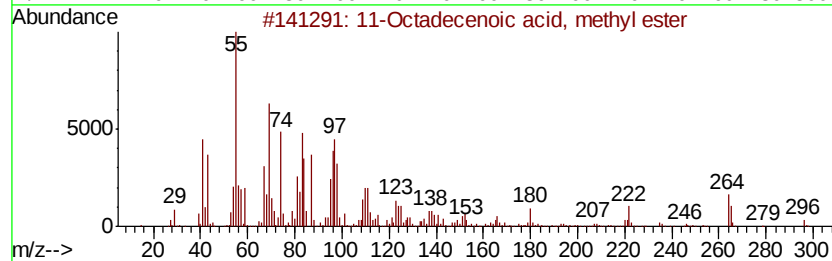
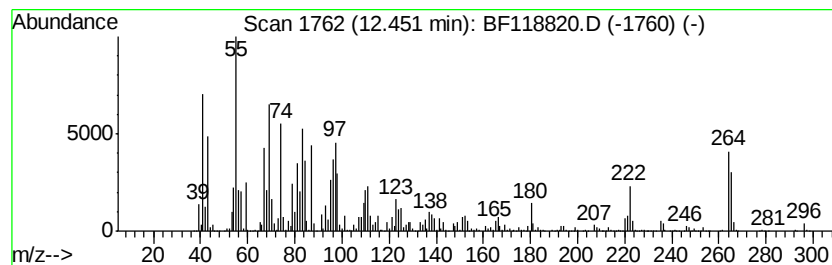
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	133.45 ng	13697100	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2		9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	99
3		cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

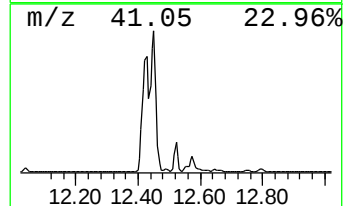
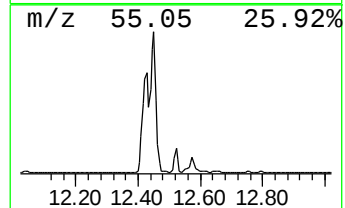
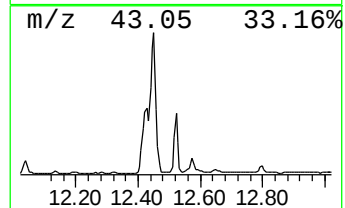
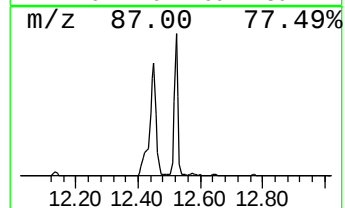
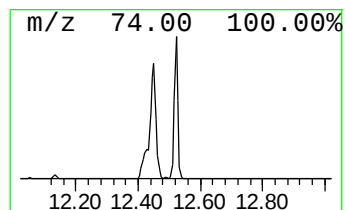
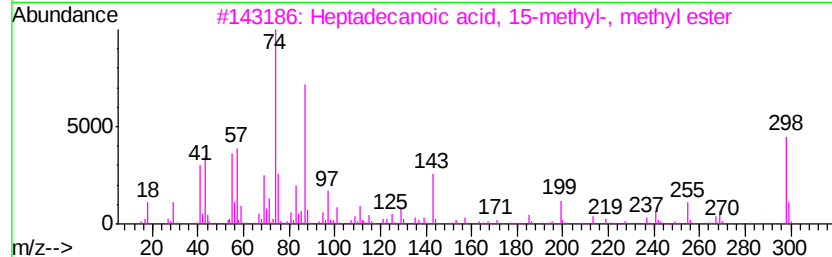
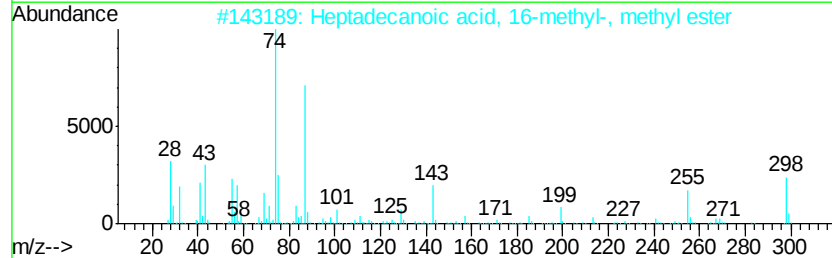
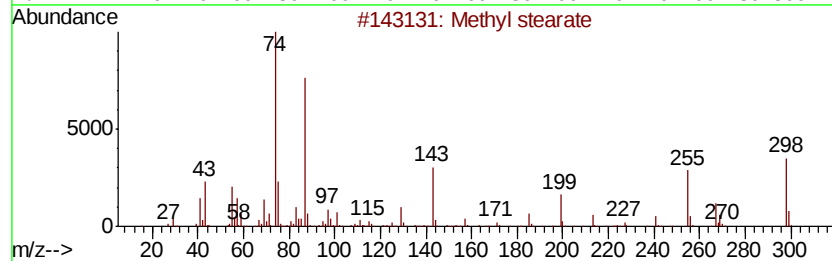
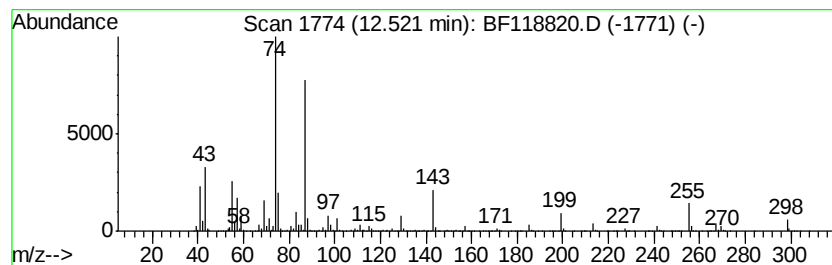
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	27.60 ng	2832700	Phenanthrene-d10	11.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 93
3		Heptadecanoic acid, 15-methyl-, ...	298 C19H38O2	054833-55-5 91
4		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 87
5		Methyl tetradecanoate	242 C15H30O2	000124-10-7 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
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ALS Vial : 22 Sample Multiplier: 1

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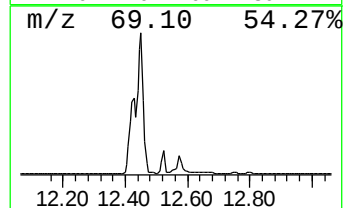
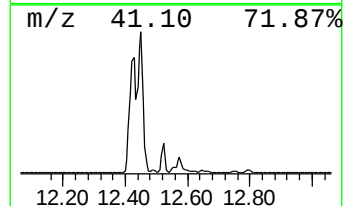
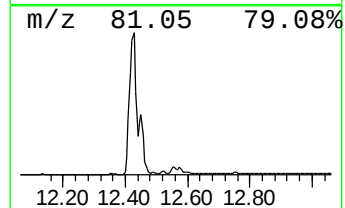
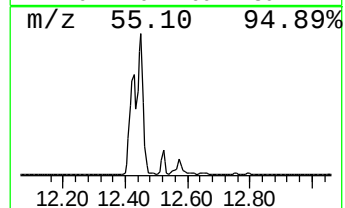
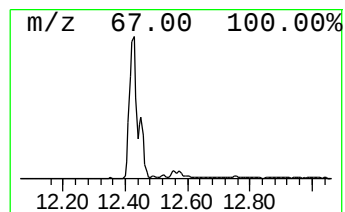
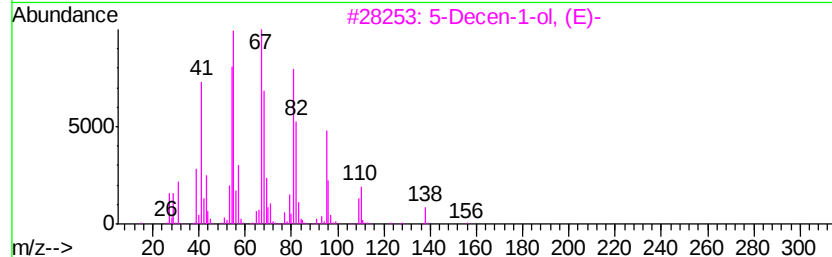
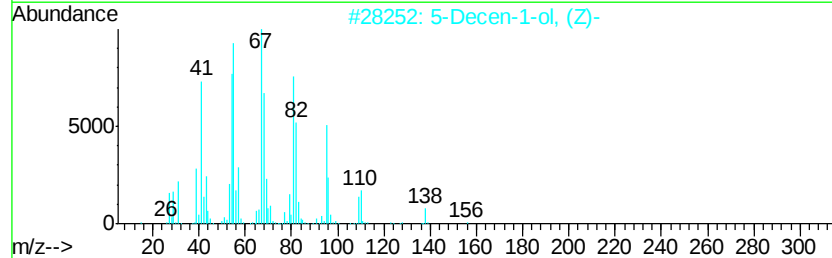
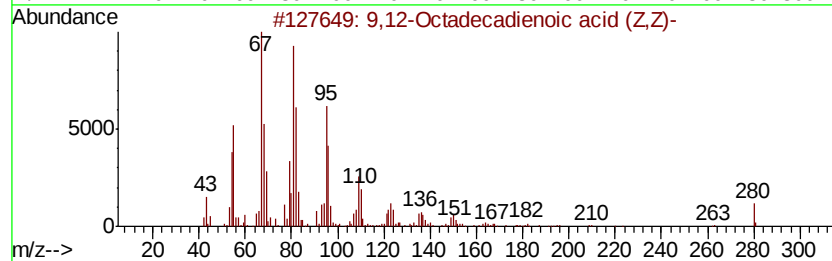
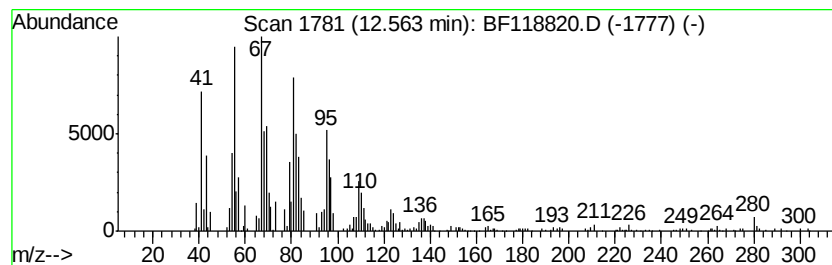
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid (... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	6.54 ng	671162	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2			5-Decen-1-ol, (Z)-	156	C10H20O	051652-47-2	93
3			5-Decen-1-ol, (E)-	156	C10H20O	056578-18-8	90
4			9-Nonadecyne	264	C19H36	106073-69-2	86
5			6-Tridecane	180	C13H24	042371-66-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-020320

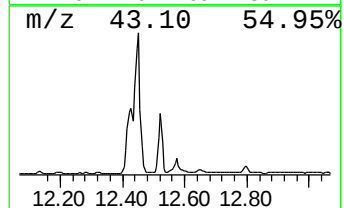
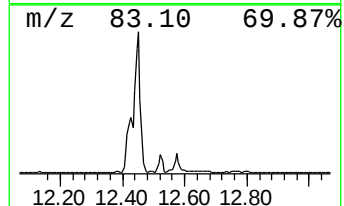
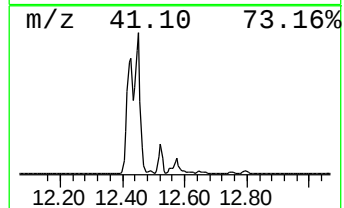
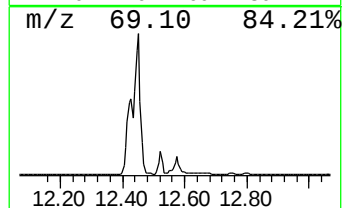
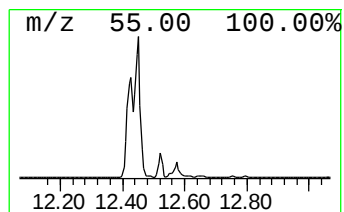
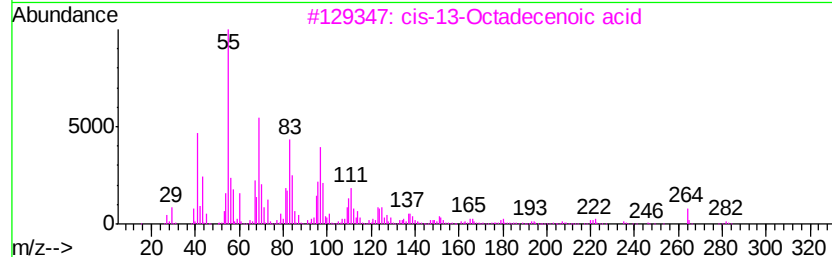
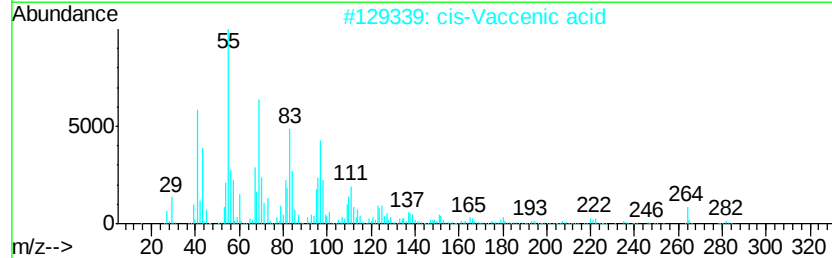
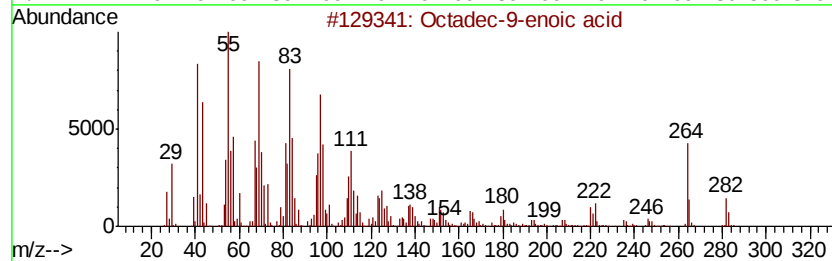
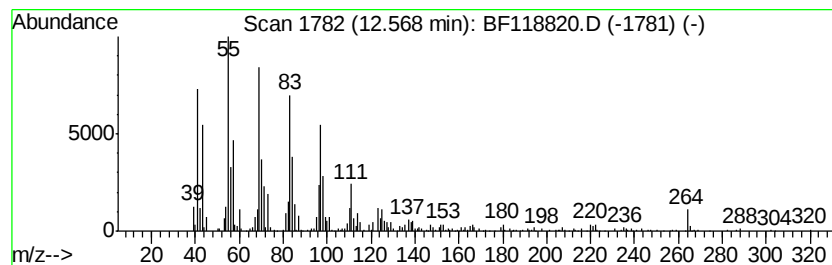
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadec-9-enoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	14.42 ng	1480370	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	91
2		cis-Vaccenic acid	282	C18H34O2	000506-17-2	76
3		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	76
4		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	60
5		Oleic Acid	282	C18H34O2	000112-80-1	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-020320

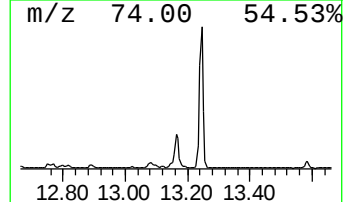
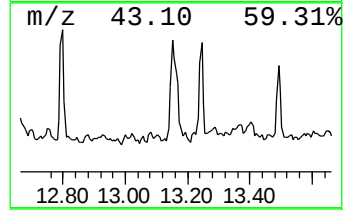
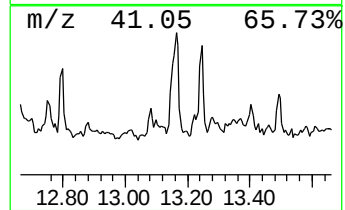
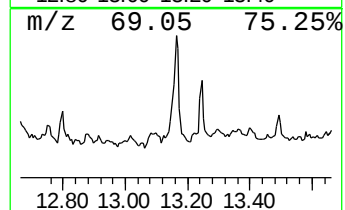
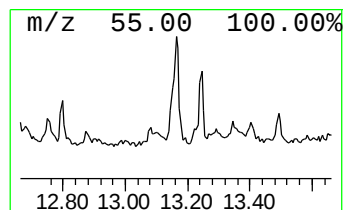
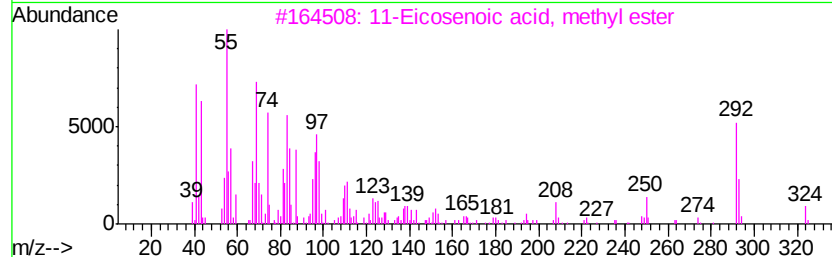
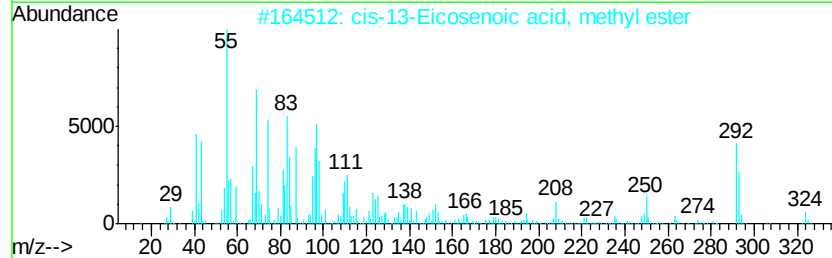
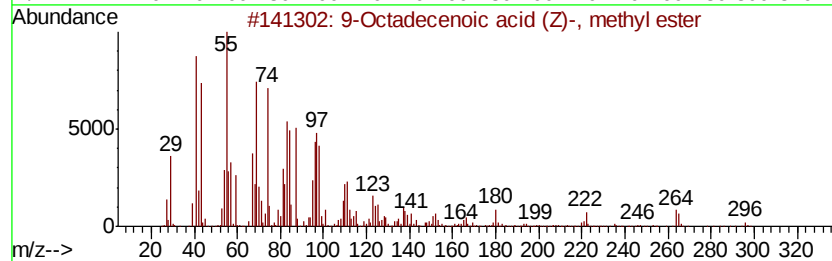
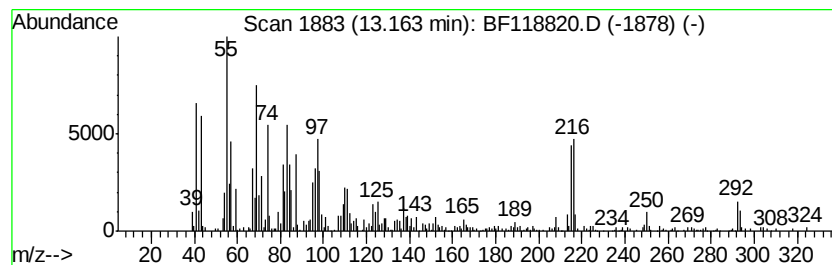
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	6.54 ng	604688	Chrysene-d12	13.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2			cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	87
3			11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	87
4			cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	87
5			cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

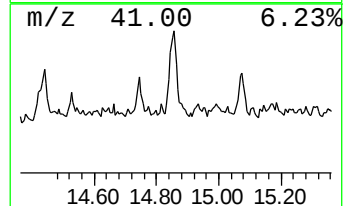
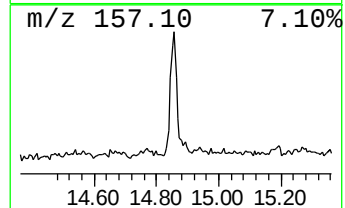
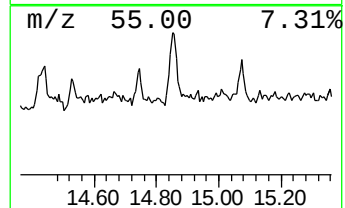
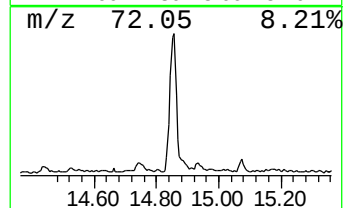
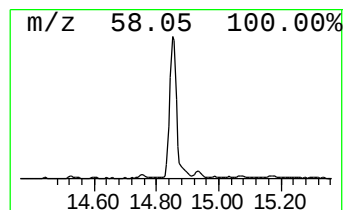
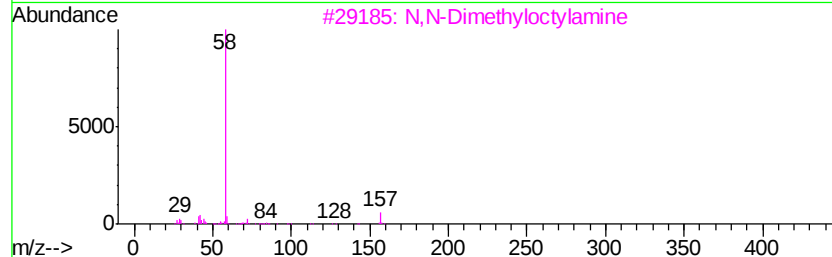
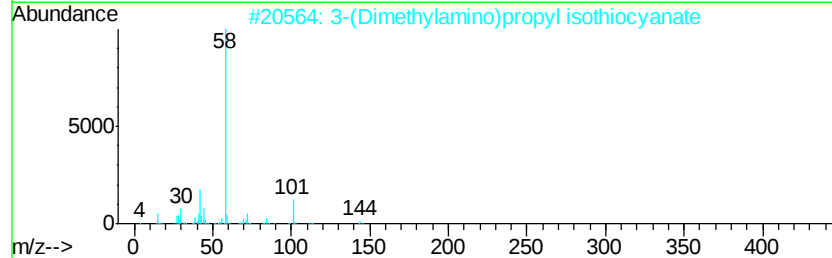
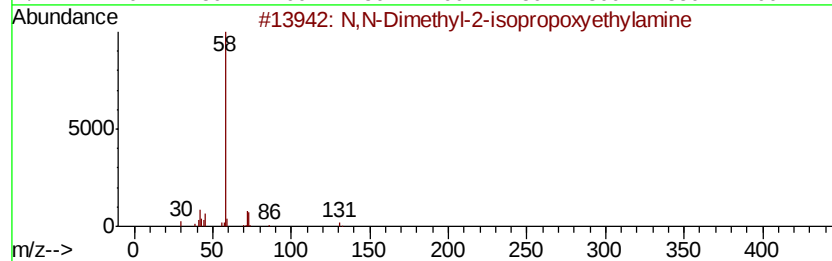
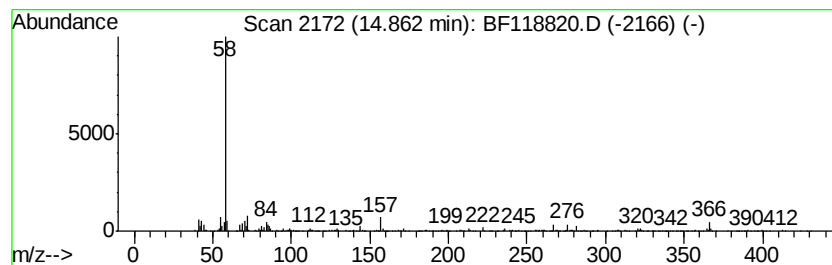
Instrument :
BNA_F
ClientSampleId :
EO-01-020320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 N,N-Dimethyl-2-isopropoxyet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.86	10.90 ng	948474	Perylene-d12	15.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyl-2-isopropoxyethylamine	131	C7H17NO	071126-59-5	72
2	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
4	Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
5	Benzeneacetamide, N-methyl-N-[2-...	307	C16H25N3O3	1000193-49-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020420\
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 Acq On : 4 Feb 2020 23:57
 Operator : CG/JU
 Sample : L1368-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-020320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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
Decane	6.66	17.4	ng	1524140	1	6.82	1749460	20.0
Benzene, 1-methyl...	7.10	8.2	ng	718419	1	6.82	1749460	20.0
Benzene, 1,4-diet...	7.13	8.6	ng	752851	1	6.82	1749460	20.0
Decane, 3-methyl-	7.21	9.5	ng	829712	1	6.82	1749460	20.0
Undecane	7.42	33.0	ng	2883420	1	6.82	1749460	20.0
Tridecane	8.70	11.5	ng	2840510	2	8.10	4931990	20.0
Tetradecane	9.26	17.5	ng	2220140	3	9.85	2537230	20.0
Dodecane, 2,6,10-...	9.58	9.3	ng	1177660	3	9.85	2537230	20.0
Pentadecane	9.79	10.1	ng	1276160	3	9.85	2537230	20.0
Hexadecane	10.76	8.6	ng	885757	4	11.33	2052810	20.0
Methyl tetradecan...	10.86	11.4	ng	1170520	4	11.33	2052810	20.0
Hexadecanoic acid...	11.73	63.3	ng	6492620	4	11.33	2052810	20.0
9,12-Octadecadien...	12.43	189.7	ng	19468100	4	11.33	2052810	20.0
11-Octadecenoic a...	12.45	133.4	ng	13697100	4	11.33	2052810	20.0
Methyl stearate	12.52	27.6	ng	2832700	4	11.33	2052810	20.0
9,12-Octadecadien...	12.56	6.5	ng	671162	4	11.33	2052810	20.0
Octadec-9-enoic acid	12.57	14.4	ng	1480370	4	11.33	2052810	20.0
9-Octadecenoic ac...	13.16	6.5	ng	604688	5	13.96	1850170	20.0
N,N-Dimethyl-2-is...	14.86	10.9	ng	948474	6	15.41	1739860	20.0