

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111340.D
 Acq On : 12 Dec 2018 23:50
 Operator : JU/SJ
 Sample : J6189-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-C

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-BF121218.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	5.410	561	565	576	rVB	3193081	3108576	9.21%	1.453%
2	5.710	613	616	624	rBV	484721	432757	1.28%	0.202%
3	6.334	719	722	724	rVV2	700829	818639	2.43%	0.383%
4	6.398	729	733	735	rVV2	745569	732849	2.17%	0.343%
5	6.428	735	738	744	rVV	3310749	3429252	10.16%	1.603%
6	6.563	754	761	766	rBV	3728401	3739021	11.08%	1.748%
7	6.622	769	771	772	rVV	724720	568706	1.69%	0.266%
8	6.645	772	775	781	rVB	3234479	2955401	8.76%	1.382%
9	6.793	798	800	803	rVV	1869150	1698495	5.03%	0.794%
10	6.822	803	805	808	rVV2	1003256	833263	2.47%	0.390%
11	6.857	808	811	816	rVB3	645819	712273	2.11%	0.333%
12	6.951	824	827	831	rBV	3563226	3035670	9.00%	1.419%
13	7.051	839	844	846	rBV4	284510	487787	1.45%	0.228%
14	7.081	846	849	852	rVB2	1088935	1180566	3.50%	0.552%
15	7.116	852	855	858	rBV2	1165065	1168952	3.46%	0.547%
16	7.145	858	860	865	rVB	1091163	884838	2.62%	0.414%
17	7.192	865	868	872	rBV2	1716858	1449779	4.30%	0.678%
18	7.351	888	895	899	rBV2	2250404	3071029	9.10%	1.436%
19	7.404	901	904	907	rVB	5187775	4051080	12.01%	1.894%
20	7.451	907	912	915	rVB4	731568	1073988	3.18%	0.502%
21	7.487	915	918	920	rBV2	419223	552709	1.64%	0.258%
22	7.516	920	923	927	rVB2	543228	567511	1.68%	0.265%
23	7.592	933	936	938	rBV2	522827	657802	1.95%	0.308%
24	7.704	953	955	957	rVV2	654193	680371	2.02%	0.318%
25	7.728	957	959	962	rVV3	529625	725450	2.15%	0.339%
26	7.775	962	967	969	rVV3	898952	1133456	3.36%	0.530%
27	7.804	969	972	974	rVV	1176058	1202296	3.56%	0.562%
28	7.840	976	978	982	rVB2	1479026	1470784	4.36%	0.688%
29	7.881	982	985	987	rBV	896386	857379	2.54%	0.401%
30	7.922	990	992	994	rVB	698532	551665	1.63%	0.258%
31	8.075	1014	1018	1021	rVV2	6070826	5932478	17.58%	2.774%
32	8.134	1025	1028	1029	rVV2	546225	624163	1.85%	0.292%
33	8.151	1029	1031	1033	rVV	1748112	1217652	3.61%	0.569%
34	8.257	1043	1049	1051	rBV5	342515	645623	1.91%	0.302%

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 Integrator: RTE
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 Sampling : 1
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.381	1064	1070	1072	rBV4	938338	1347767	3.99%	0.630%
36	8.434	1076	1079	1082	rBV2	1099804	821515	2.43%	0.384%
37	8.463	1082	1084	1087	rBV2	1197305	1130239	3.35%	0.528%
38	8.510	1089	1092	1094	rVV	1720990	1413744	4.19%	0.661%
39	8.587	1101	1105	1108	rBV2	1064967	996682	2.95%	0.466%
40	8.681	1117	1121	1124	rBV	4598858	3785188	11.22%	1.770%
41	8.775	1134	1137	1144	rVB5	836872	1240306	3.68%	0.580%
42	8.904	1152	1159	1164	rBV5	599783	946684	2.81%	0.443%
43	8.963	1166	1169	1171	rBV2	665479	601957	1.78%	0.281%
44	9.045	1181	1183	1187	rVB	914098	677579	2.01%	0.317%
45	9.081	1187	1189	1192	rVV2	645218	698780	2.07%	0.327%
46	9.110	1192	1194	1198	rVV2	1473783	1323055	3.92%	0.619%
47	9.151	1198	1201	1206	rVB	3363547	2809874	8.33%	1.314%
48	9.245	1213	1217	1221	rBV	3919982	3353652	9.94%	1.568%
49	9.498	1257	1260	1262	rVV2	579778	758250	2.25%	0.355%
50	9.516	1262	1263	1266	rVV2	551356	444390	1.32%	0.208%
51	9.563	1266	1271	1273	rVV3	1219666	1796819	5.32%	0.840%
52	9.586	1273	1275	1277	rVV	803546	674398	2.00%	0.315%
53	9.622	1278	1281	1283	rVB4	613600	523624	1.55%	0.245%
54	9.775	1304	1307	1310	rVV	3001599	2142781	6.35%	1.002%
55	9.834	1314	1317	1320	rVB	1880127	1650800	4.89%	0.772%
56	10.004	1343	1346	1349	rBV2	326875	478195	1.42%	0.224%
57	10.098	1359	1362	1365	rVB2	487531	573446	1.70%	0.268%
58	10.275	1388	1392	1394	rVB	1905295	1645516	4.88%	0.769%
59	10.492	1422	1429	1432	rBV	801857	988859	2.93%	0.462%
60	10.616	1446	1450	1454	rVB3	1861244	1673438	4.96%	0.782%
61	10.745	1469	1472	1479	rBV	1959649	2220953	6.58%	1.038%
62	11.192	1545	1548	1550	rBV	1644778	1217556	3.61%	0.569%
63	11.222	1550	1553	1559	rVB2	668374	808204	2.40%	0.378%
64	11.316	1566	1569	1571	rBV	1671331	1508475	4.47%	0.705%
65	11.339	1571	1573	1576	rVV	2394524	1829932	5.42%	0.856%
66	11.386	1576	1581	1584	rVB	645399	678724	2.01%	0.317%
67	11.622	1618	1621	1623	rBV	1371694	1279583	3.79%	0.598%
68	11.639	1623	1624	1627	rVB2	692911	453086	1.34%	0.212%
69	11.722	1634	1638	1641	rBV	12726259	13002026	38.53%	6.079%
70	11.851	1657	1660	1663	rVB2	1123310	1184777	3.51%	0.554%
71	11.927	1669	1673	1676	rBV2	765222	899249	2.66%	0.420%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
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72	12.027	1687	1690	1698	rVB	1338307	1276898	3.78%	0.597%
73	12.122	1702	1706	1713	rVB4	362025	583314	1.73%	0.273%
74	12.427	1750	1758	1759	rBV	17778621	33743961	100.00%	15.777%
75	12.451	1759	1762	1766	rVV2	19710566	27967429	82.88%	13.076%
76	12.486	1766	1768	1770	rVV2	775403	691483	2.05%	0.323%
77	12.516	1770	1773	1779	rVV2	7638042	9961435	29.52%	4.657%
78	12.569	1779	1782	1789	rVV	2368651	3562115	10.56%	1.665%
79	12.639	1792	1794	1800	rVB5	372159	437762	1.30%	0.205%
80	12.757	1809	1814	1817	rBV2	2181807	3211485	9.52%	1.502%
81	12.786	1817	1819	1825	rVB2	953556	845258	2.50%	0.395%
82	12.904	1836	1839	1844	rVB	2536281	2195638	6.51%	1.027%
83	13.069	1864	1867	1869	rBV2	926947	851865	2.52%	0.398%
84	13.092	1869	1871	1877	rVV	761637	851333	2.52%	0.398%
85	13.157	1877	1882	1885	rVV2	1389425	2035369	6.03%	0.952%
86	13.239	1893	1896	1899	rVB	939958	849872	2.52%	0.397%
87	13.392	1920	1922	1927	rVB6	390843	458103	1.36%	0.214%
88	13.486	1935	1938	1941	rBV	907591	755191	2.24%	0.353%
89	13.816	1991	1994	1997	rVB	786607	609121	1.81%	0.285%
90	13.904	2006	2009	2013	rBV	934043	920707	2.73%	0.430%
91	13.951	2013	2017	2020	rVV2	1516804	2047013	6.07%	0.957%
92	13.980	2020	2022	2024	rVB	786500	605881	1.80%	0.283%
93	14.133	2045	2048	2051	rVB2	772905	692060	2.05%	0.324%
94	14.433	2097	2099	2102	rVB	790363	726485	2.15%	0.340%
95	14.527	2112	2115	2124	rBV5	457507	696732	2.06%	0.326%
96	14.739	2148	2151	2159	rVB2	668956	774058	2.29%	0.362%
97	14.845	2165	2169	2179	rVB	1202944	2012597	5.96%	0.941%
98	14.986	2190	2193	2202	rVB	660791	1375206	4.08%	0.643%
99	15.068	2205	2207	2215	rVB2	661180	785451	2.33%	0.367%
100	15.398	2260	2263	2266	rBV	514903	524179	1.55%	0.245%

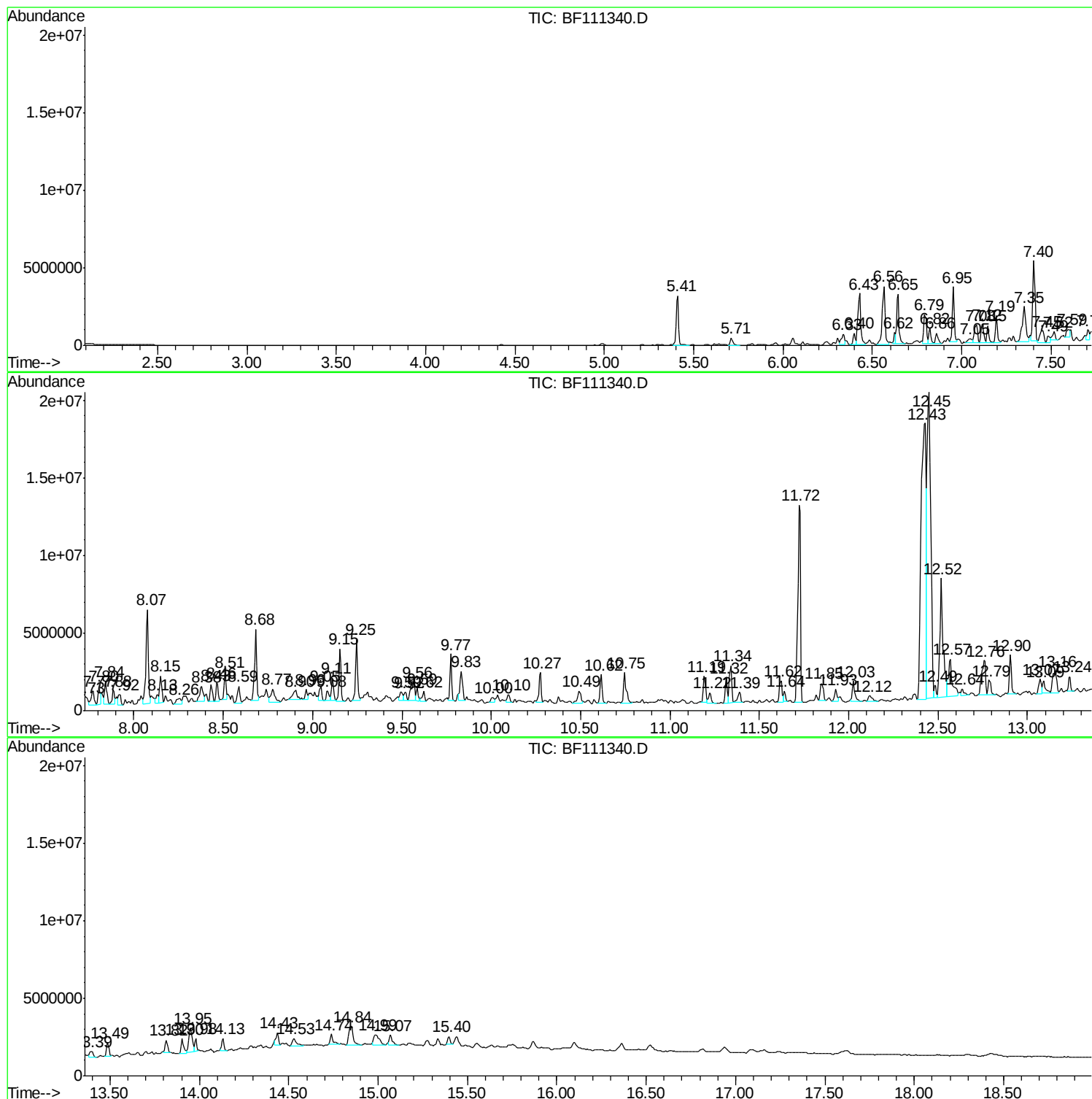
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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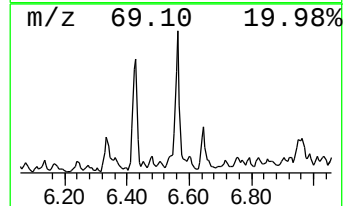
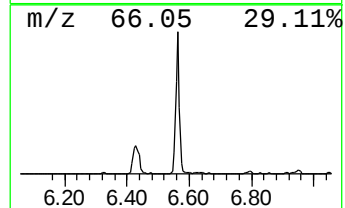
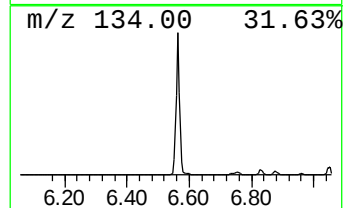
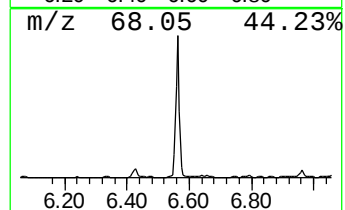
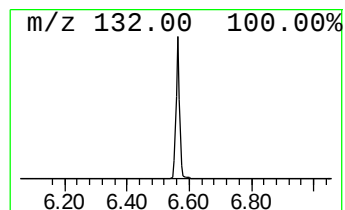
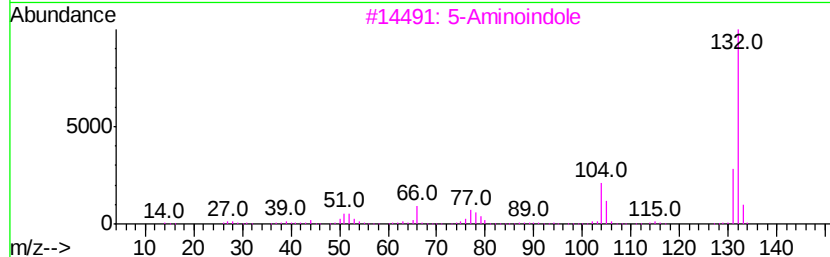
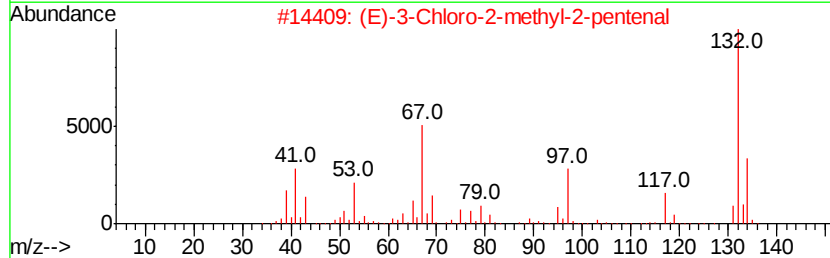
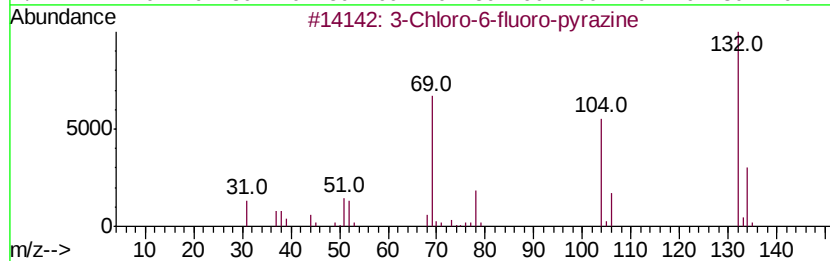
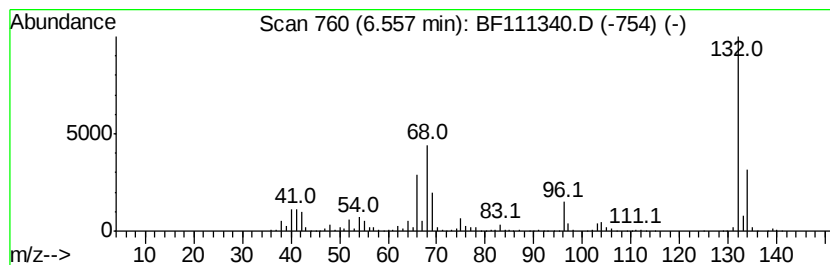
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.56 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	44.03 ng	3739020	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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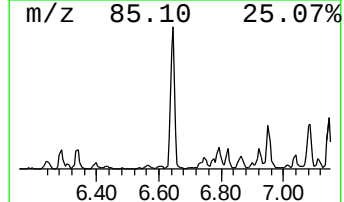
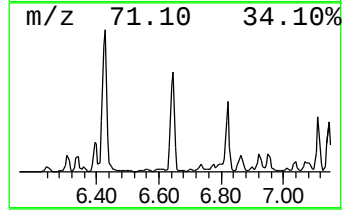
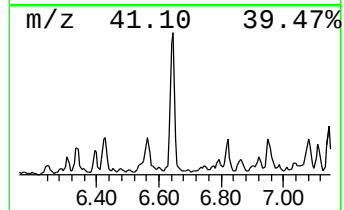
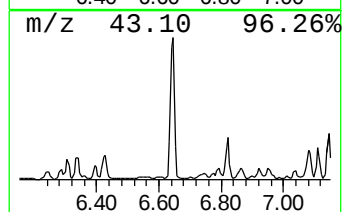
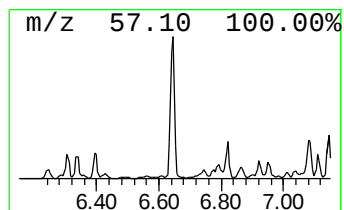
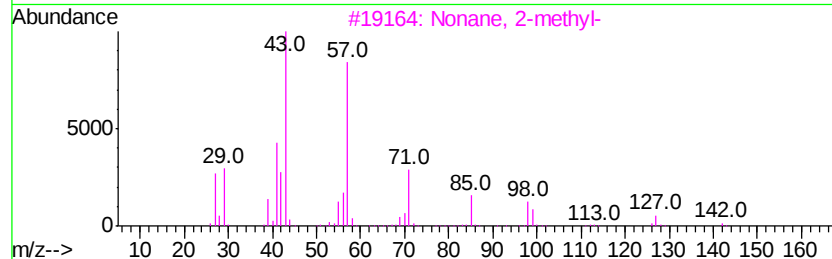
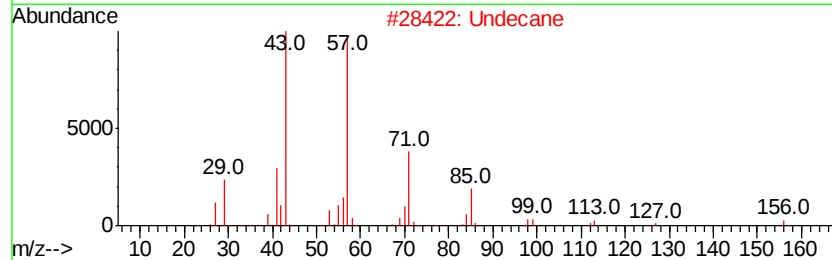
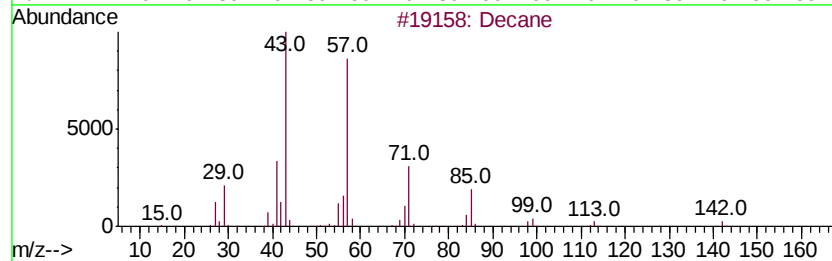
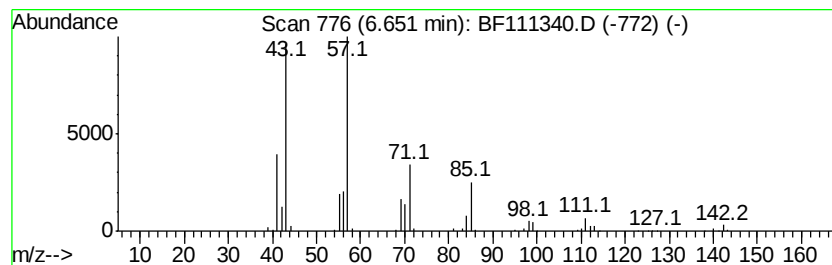
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	34.80 ng	2955400	1,4-Dichlorobenzene-d4	6.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	95
2	Undecane		156	C11H24	001120-21-4	78
3	Nonane, 2-methyl-		142	C10H22	000871-83-0	72
4	Nonane		128	C9H20	000111-84-2	64
5	Octane		114	C8H18	000111-65-9	64



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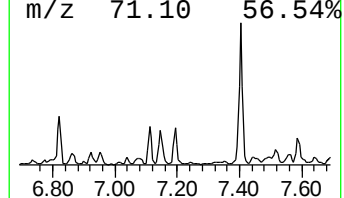
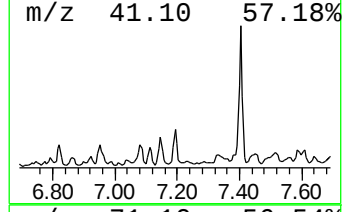
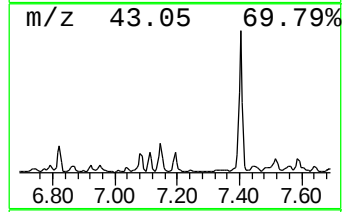
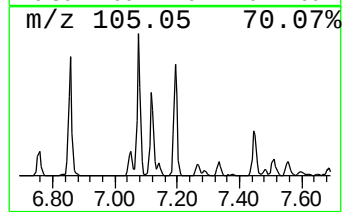
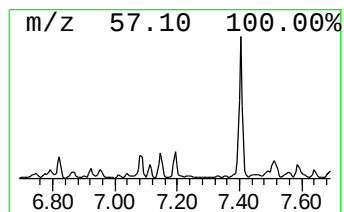
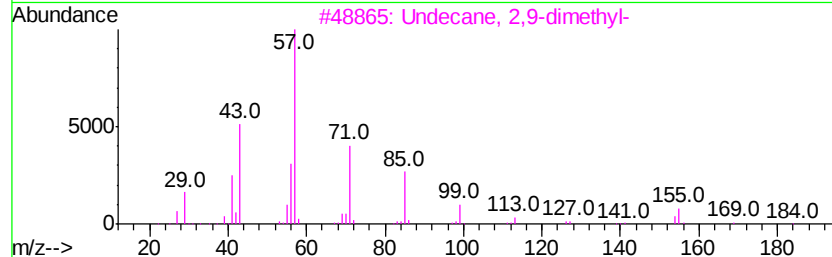
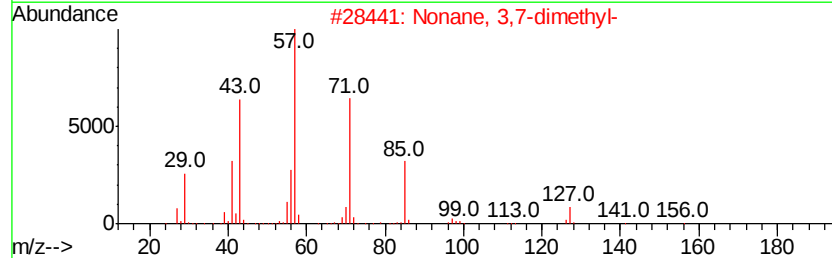
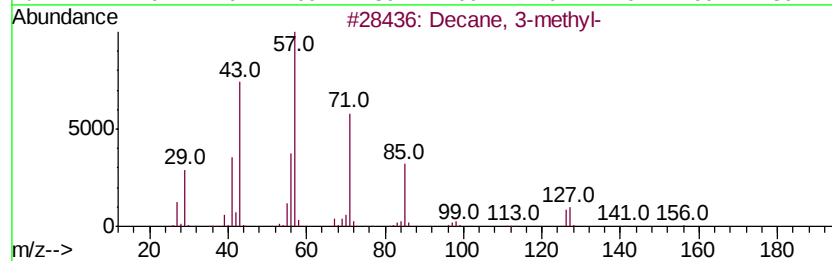
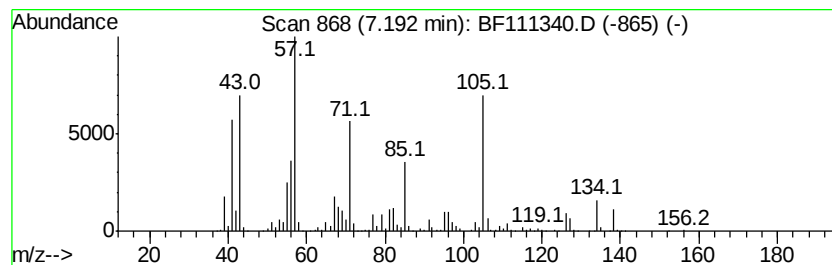
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	17.07 ng	1449780	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	76
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
3			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111340.D
Acq On : 12 Dec 2018 23:50
Operator : JU/SJ
Sample : J6189-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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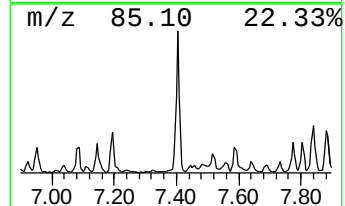
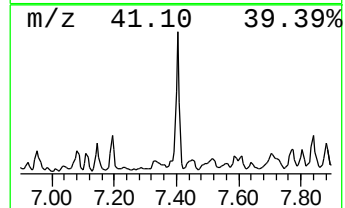
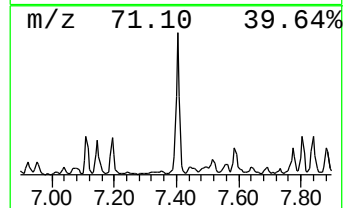
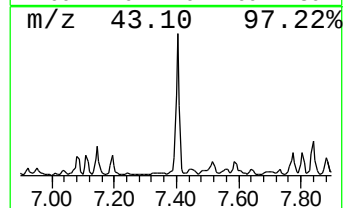
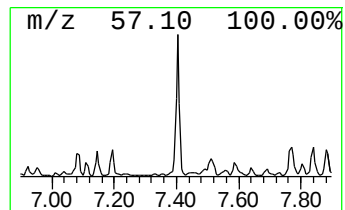
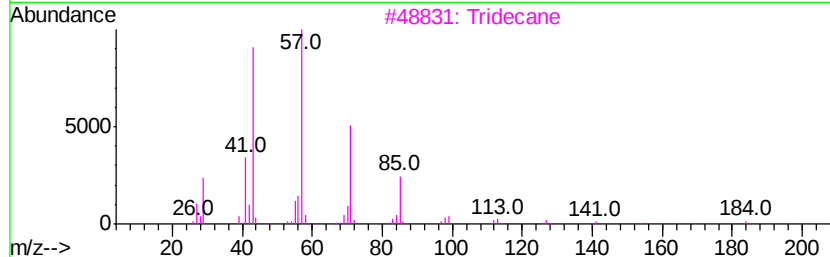
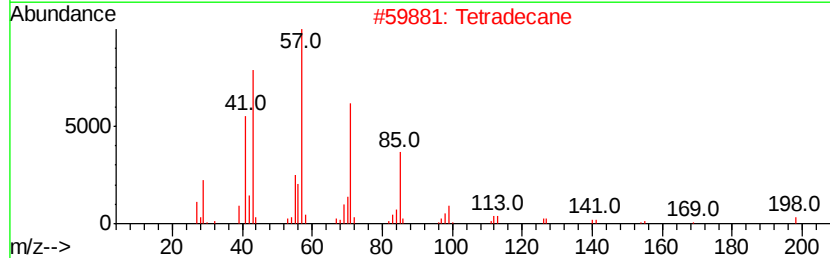
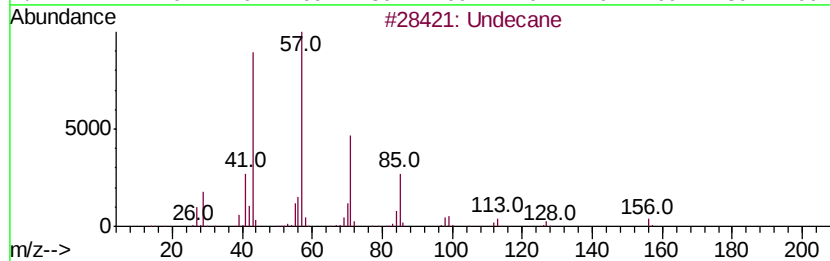
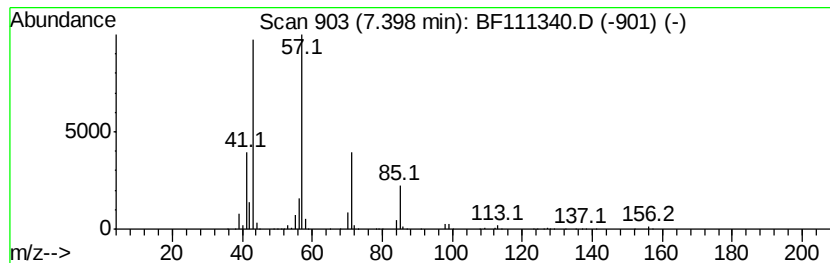
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	47.70 ng	4051080	1,4-Dichlorobenzene-d4	6.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	83
4	Decane		142	C10H22	000124-18-5	83
5	Hexadecane		226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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Sample : J6189-05 2X
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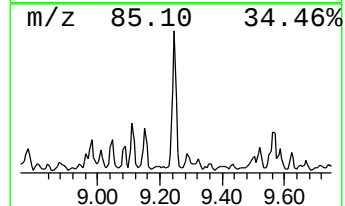
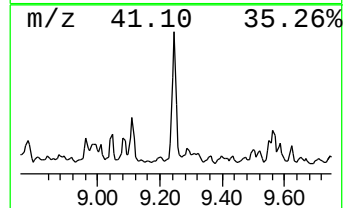
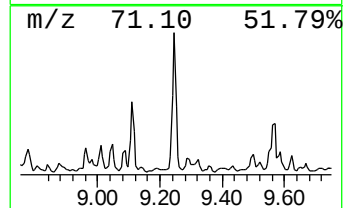
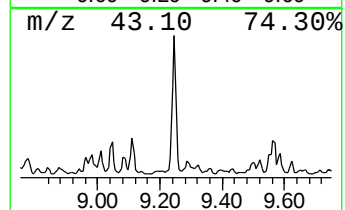
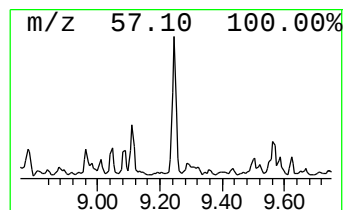
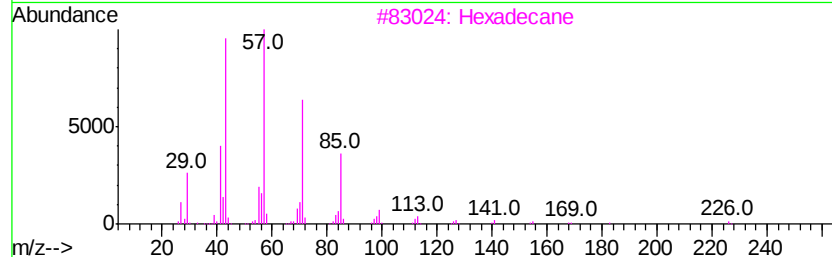
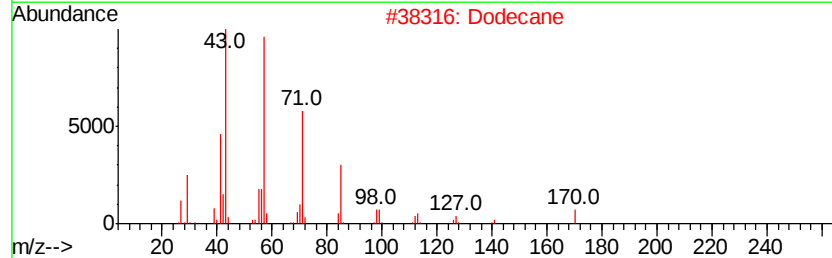
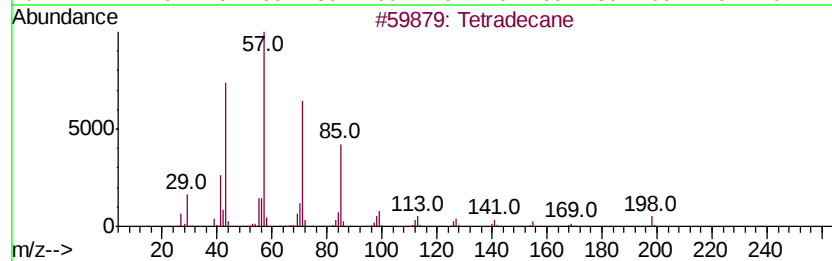
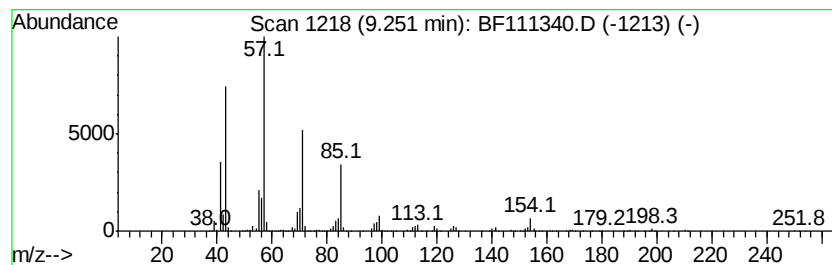
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	40.63 ng	3353650	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 95
2		Dodecane	170 C12H26	000112-40-3 90
3		Hexadecane	226 C16H34	000544-76-3 90
4		Undecane	156 C11H24	001120-21-4 86
5		Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111340.D
Acq On : 12 Dec 2018 23:50
Operator : JU/SJ
Sample : J6189-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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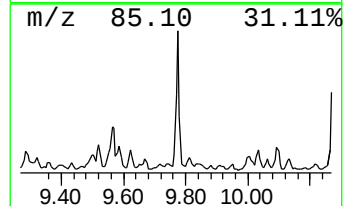
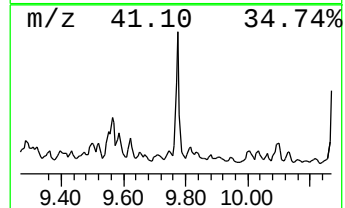
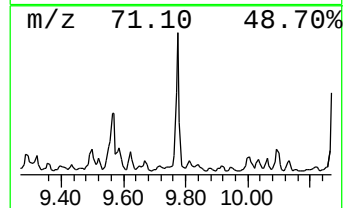
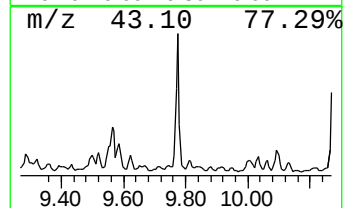
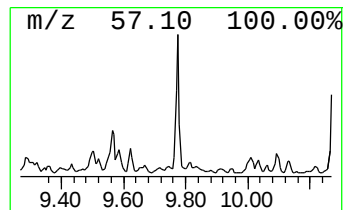
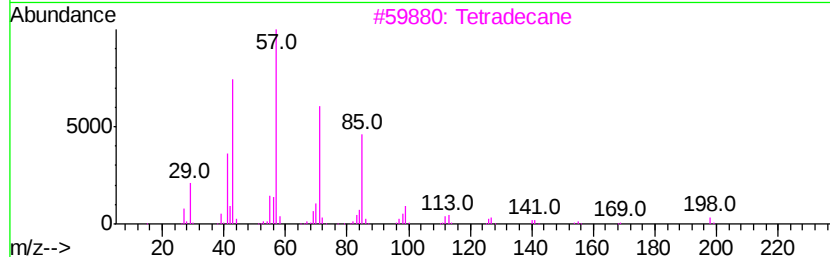
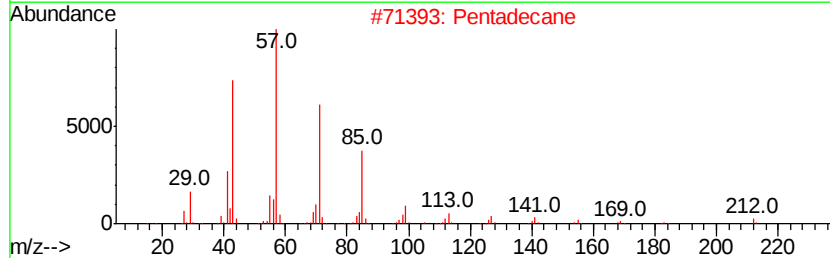
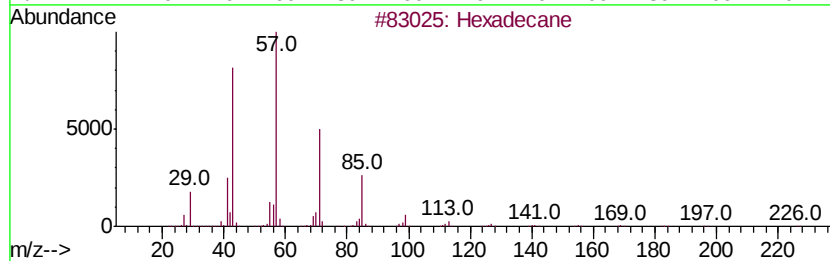
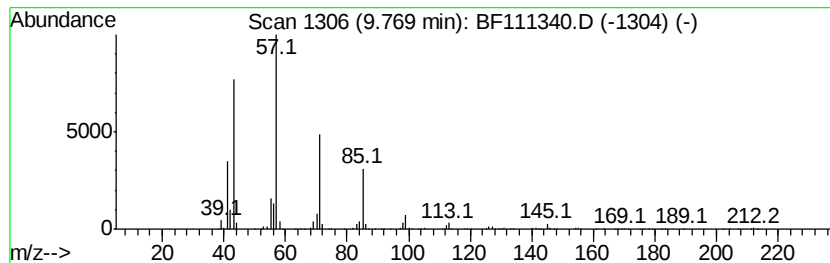
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	25.96 ng	2142780	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane	212	C15H32	000629-62-9	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111340.D
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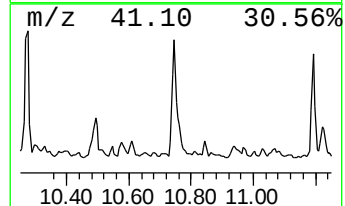
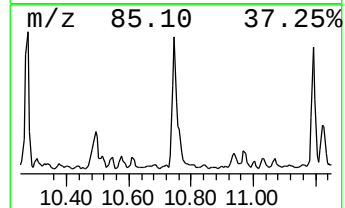
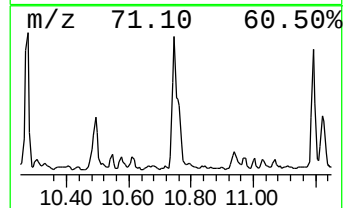
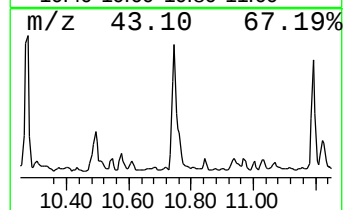
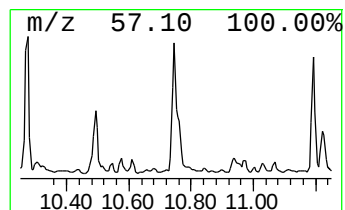
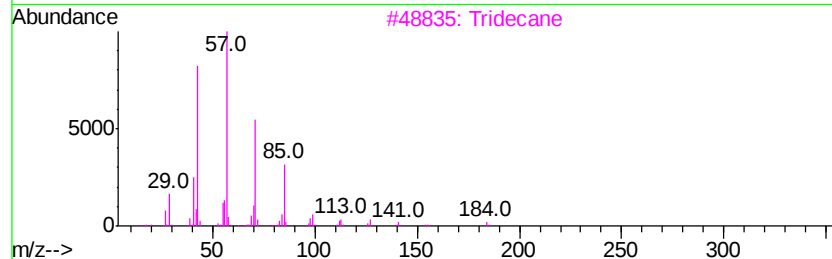
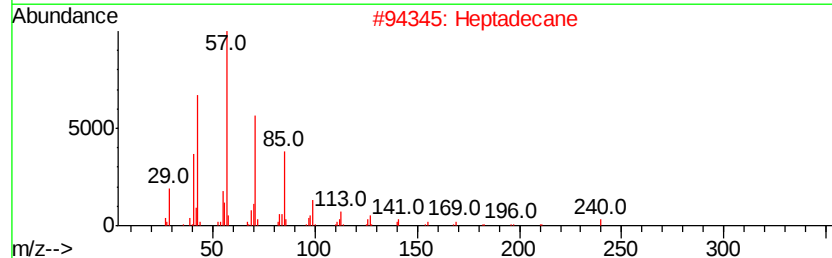
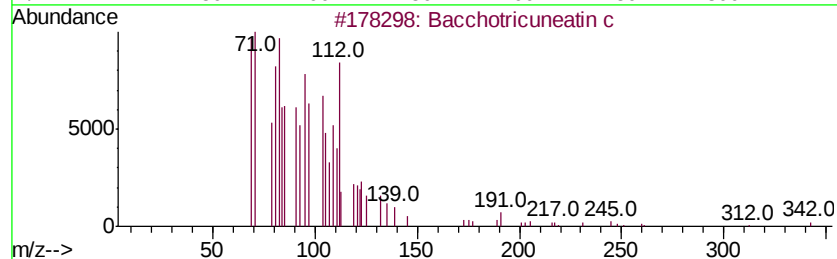
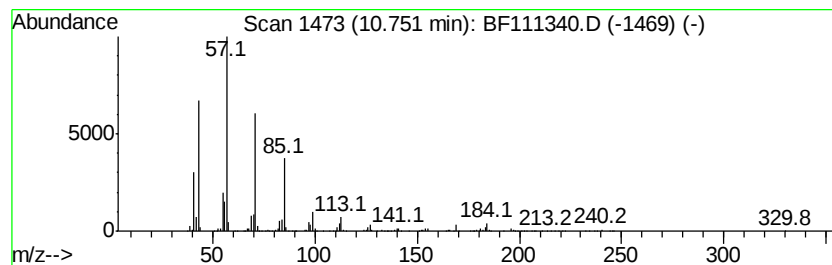
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Bacchotricuneatin c Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	29.45 ng	2220950	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2		Heptadecane	240	C17H36	000629-78-7	96
3		Tridecane	184	C13H28	000629-50-5	96
4		Tetradecane	198	C14H30	000629-59-4	95
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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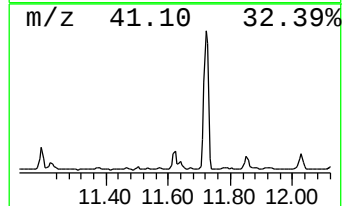
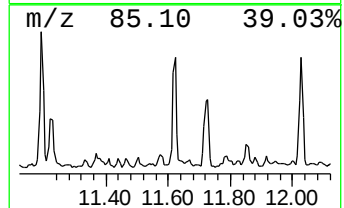
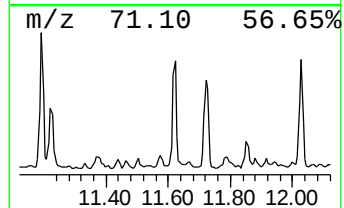
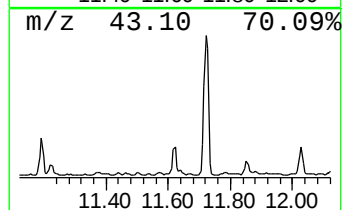
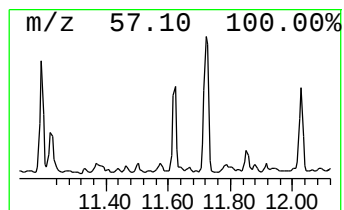
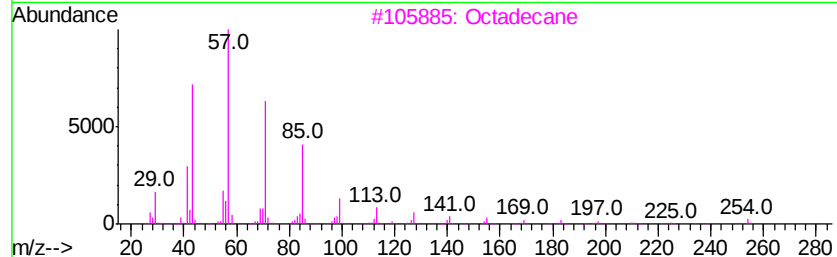
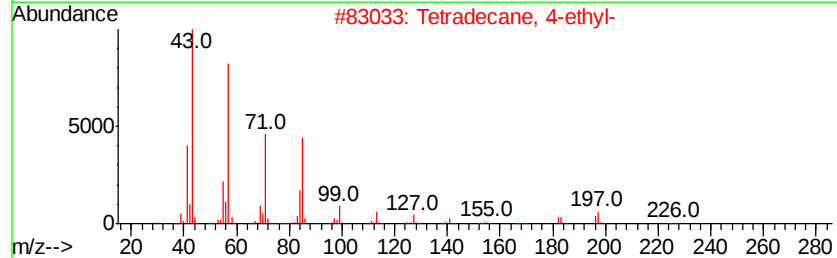
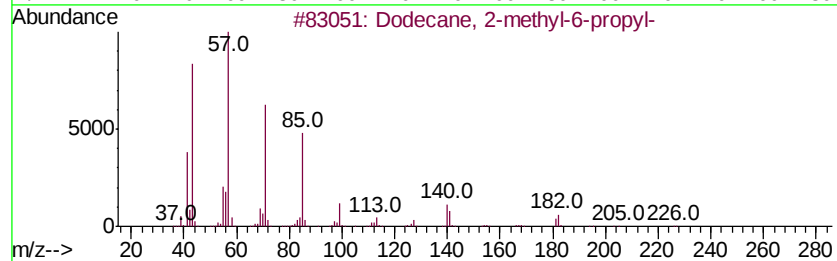
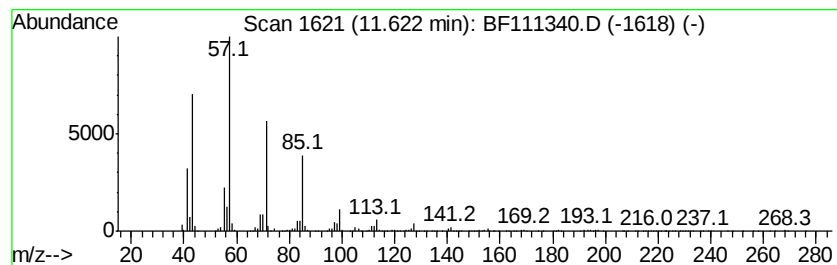
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	16.97 ng	1279580	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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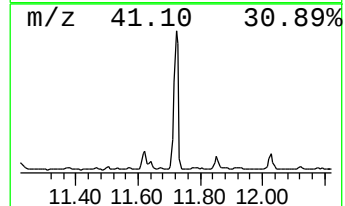
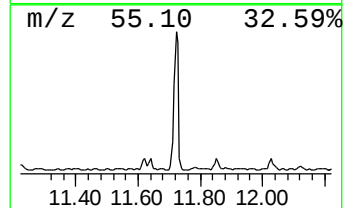
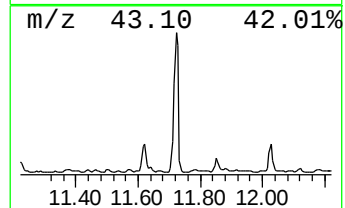
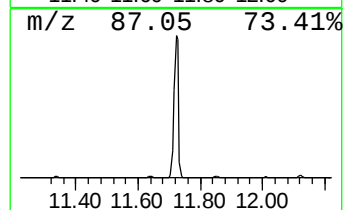
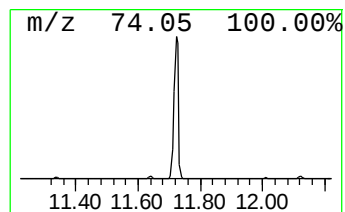
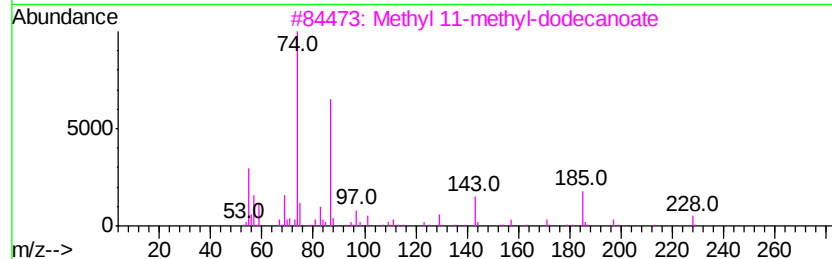
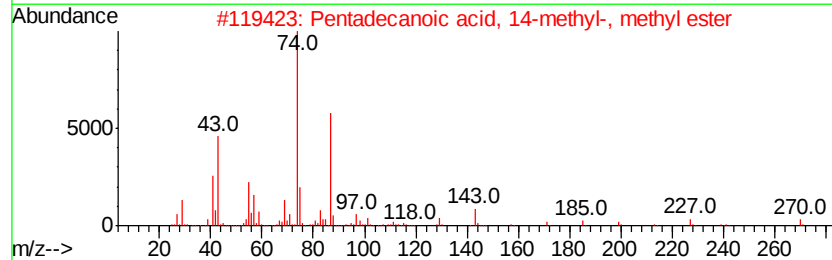
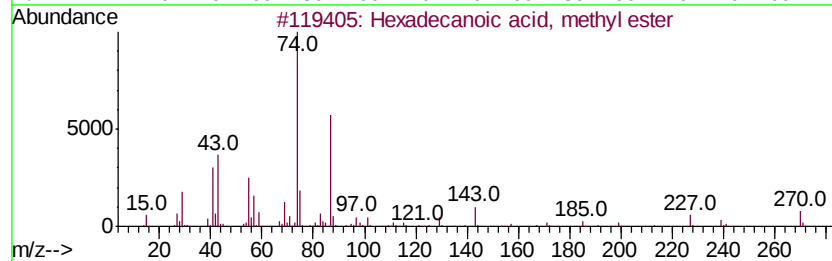
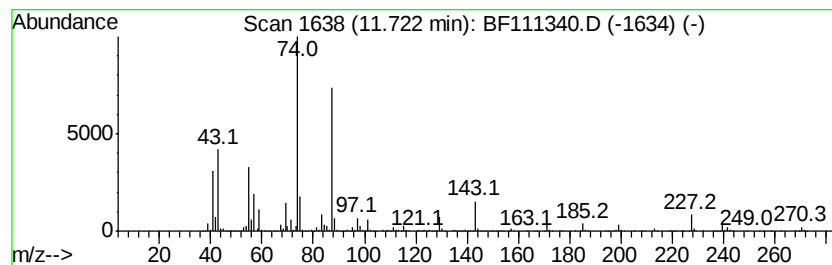
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	172.39 ng	13002000	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3		Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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ClientSampleId :
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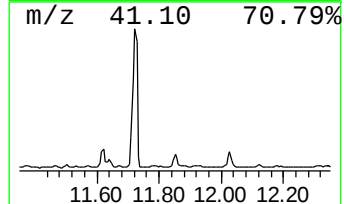
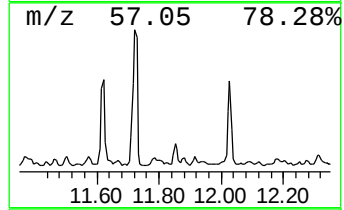
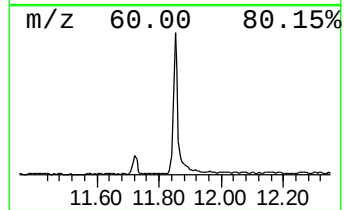
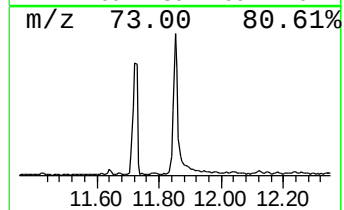
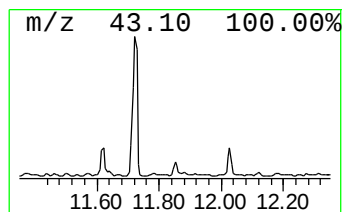
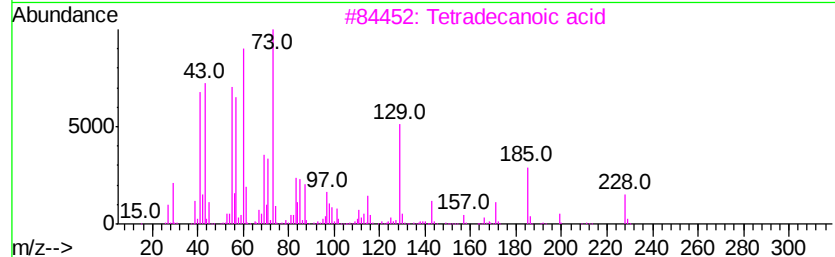
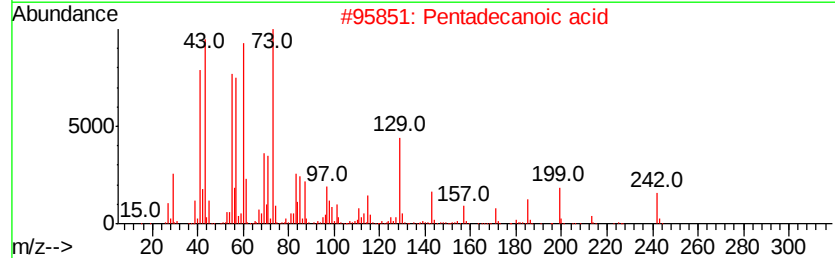
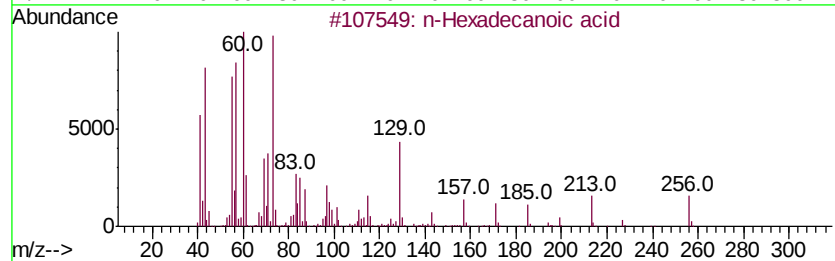
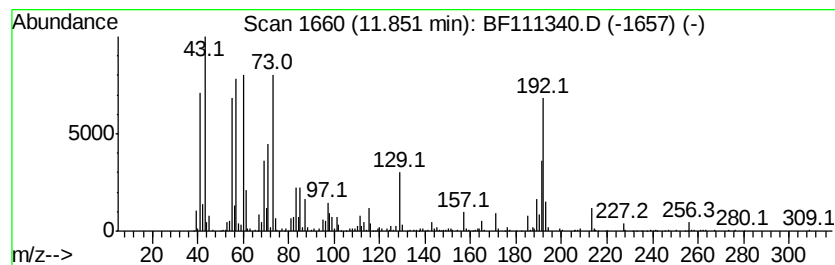
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	15.71 ng	1184780	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Octadecanoic acid	284	C18H36O2	000057-11-4	64
5			Tridecanoic acid	214	C13H26O2	000638-53-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111340.D
Acq On : 12 Dec 2018 23:50
Operator : JU/SJ
Sample : J6189-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-C

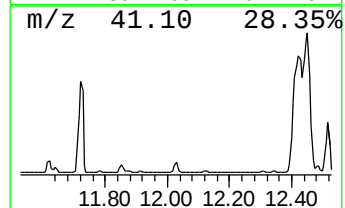
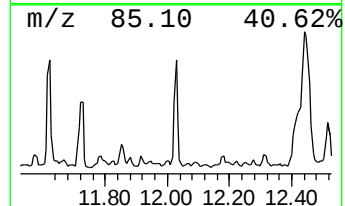
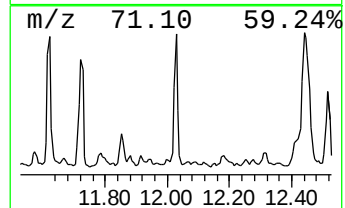
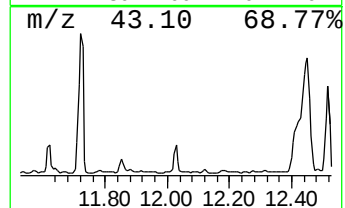
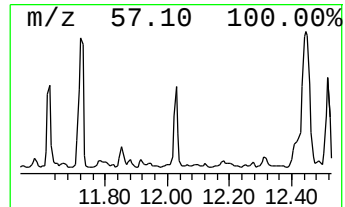
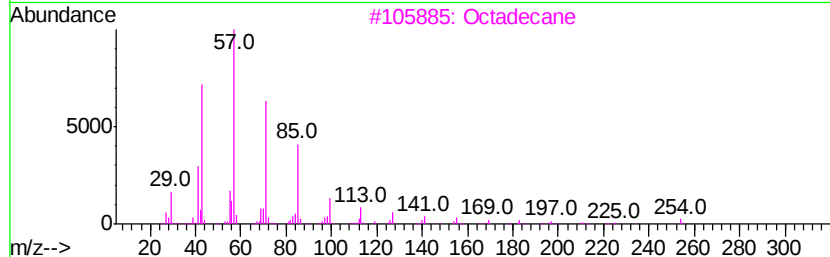
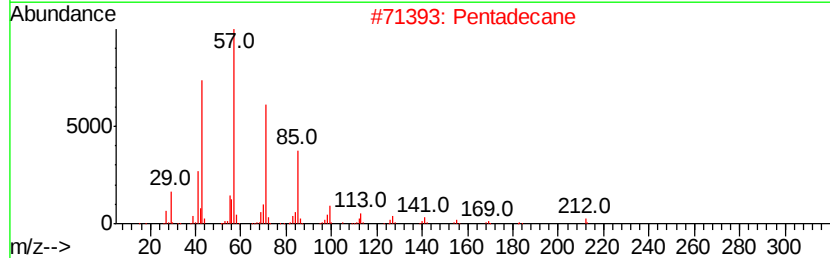
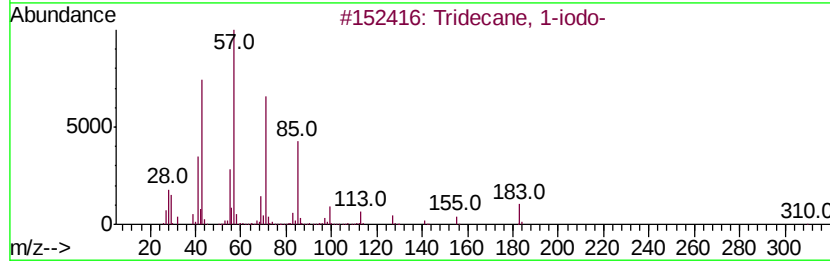
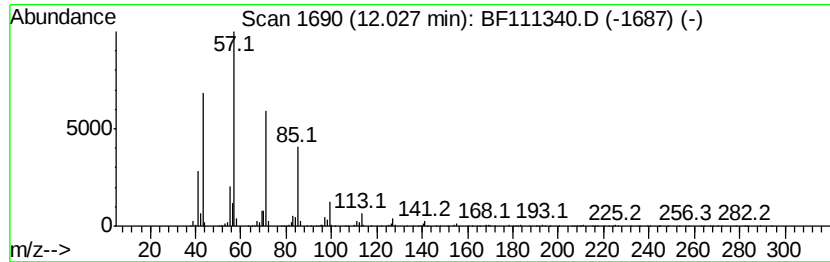
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	16.93 ng	1276900	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111340.D
Acq On : 12 Dec 2018 23:50
Operator : JU/SJ
Sample : J6189-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-121118-C

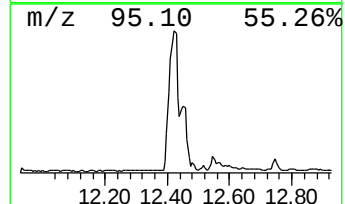
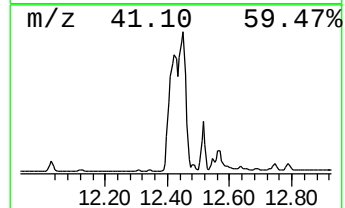
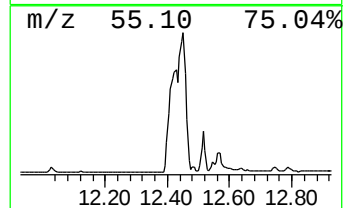
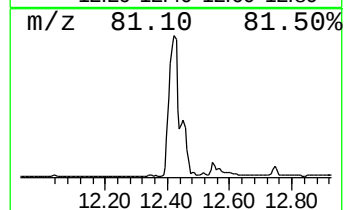
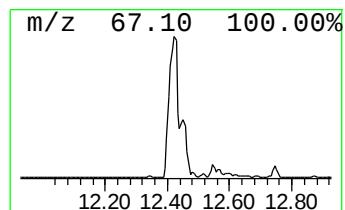
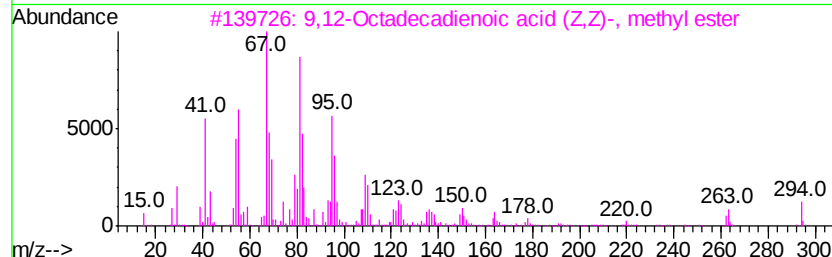
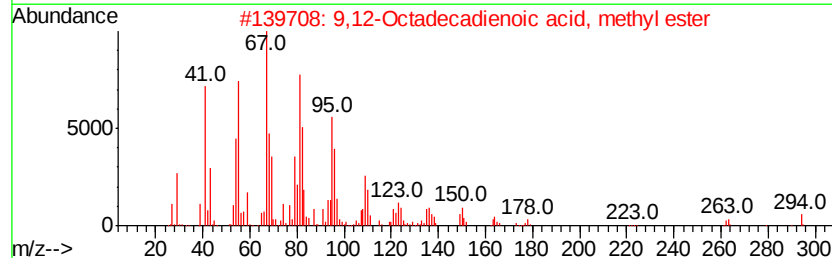
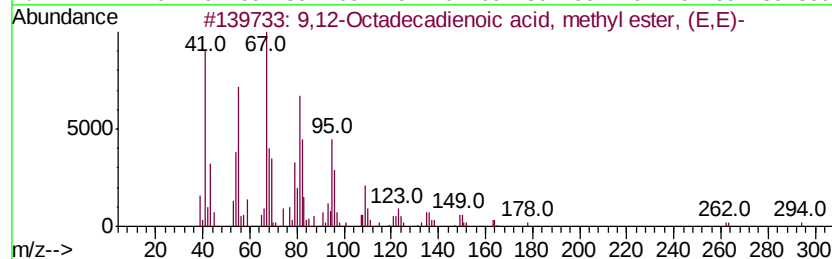
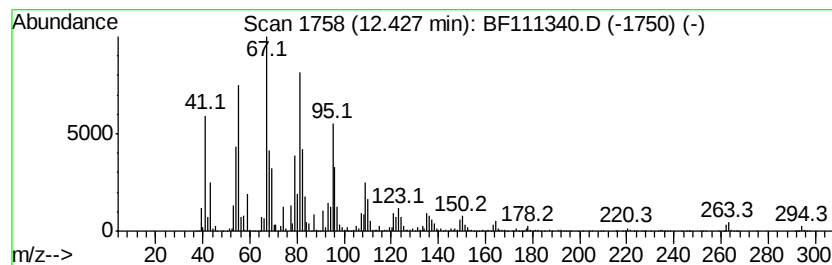
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	447.39 ng	33744000	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111340.D
Acq On : 12 Dec 2018 23:50
Operator : JU/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
HR-05-121118-C

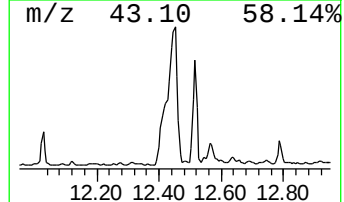
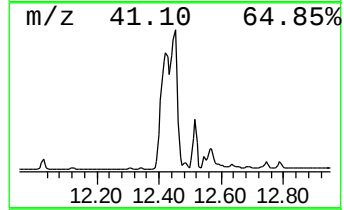
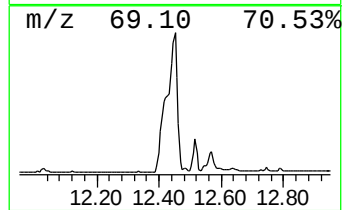
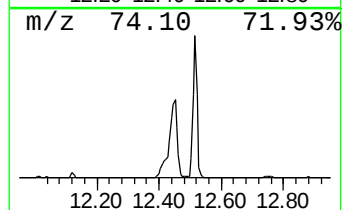
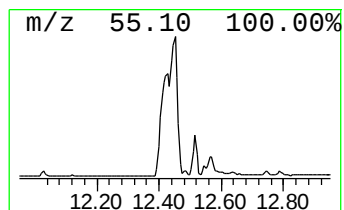
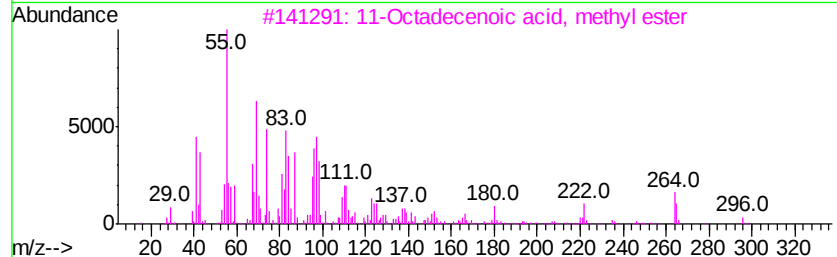
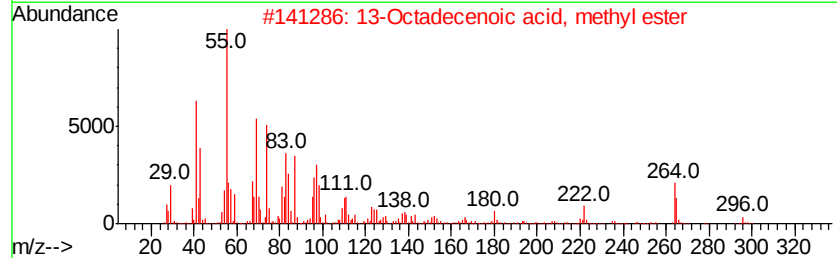
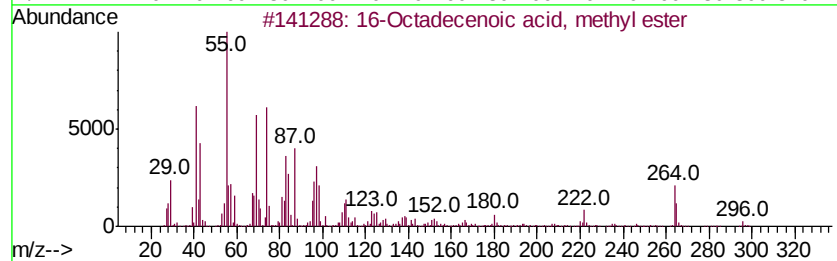
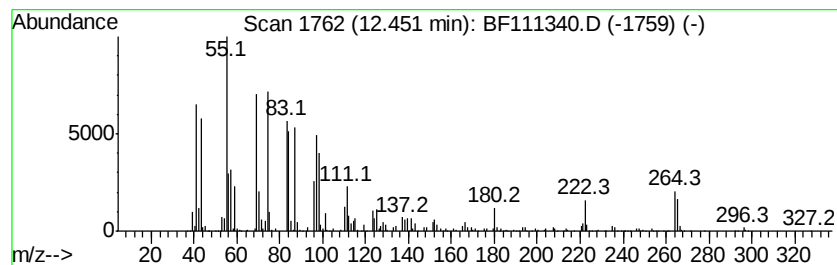
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	370.80 ng	27967400	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	92
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
3		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	87
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111340.D
Acq On : 12 Dec 2018 23:50
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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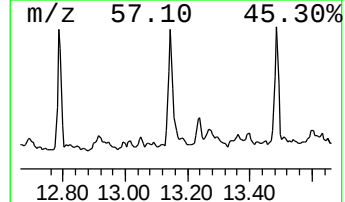
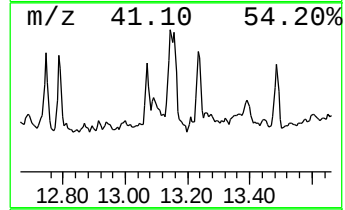
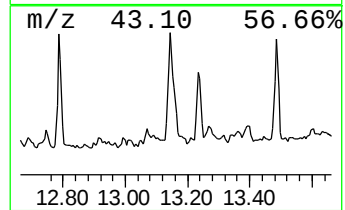
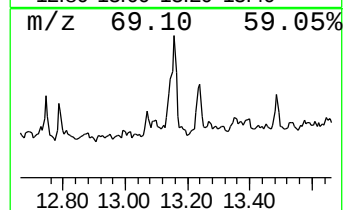
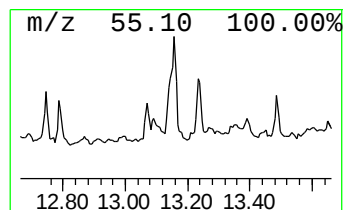
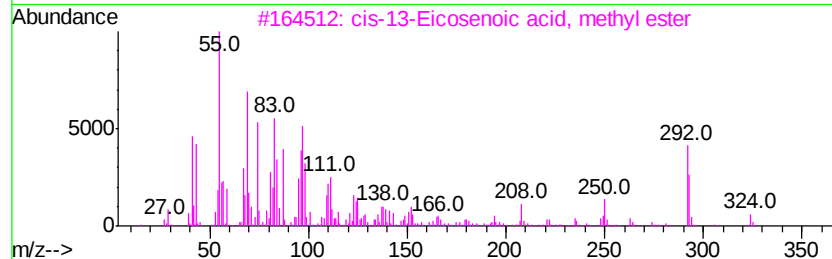
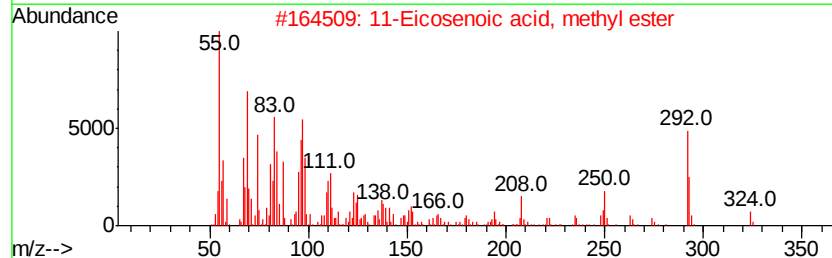
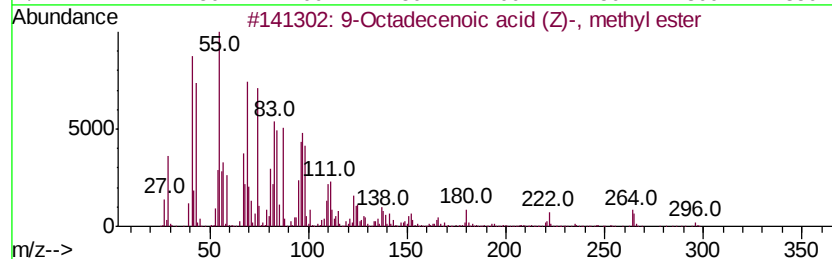
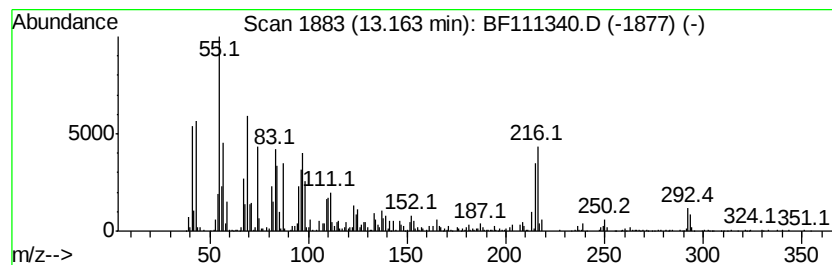
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	19.89 ng	2035370	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	92
2		11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	70
3		cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	70
4		cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	70
5		Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111340.D
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Operator : JU/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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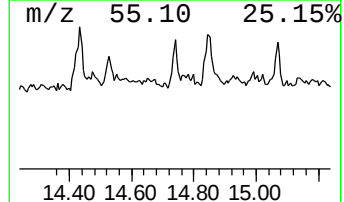
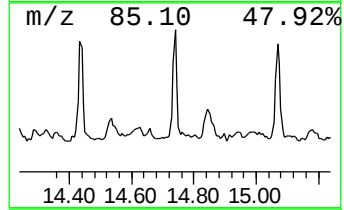
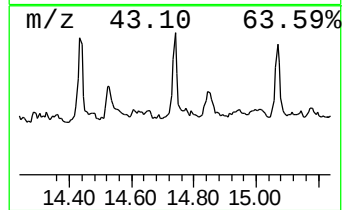
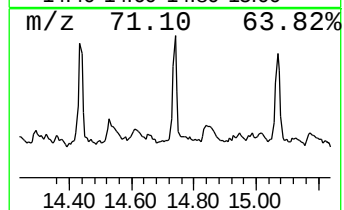
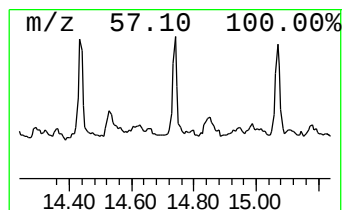
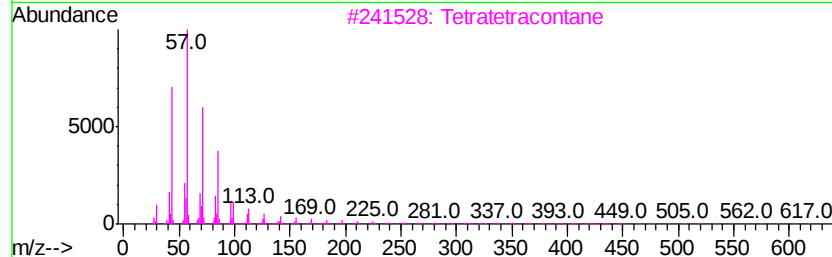
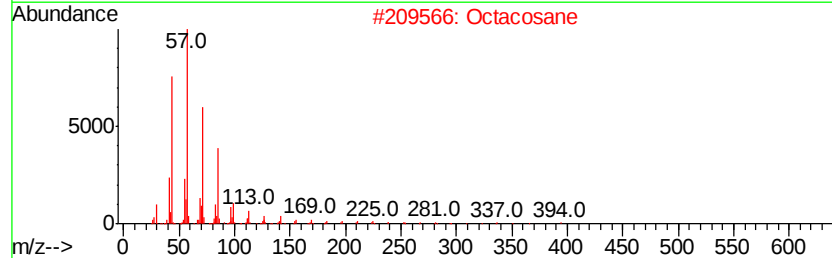
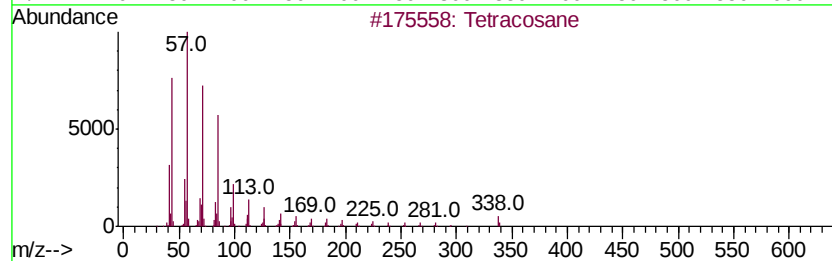
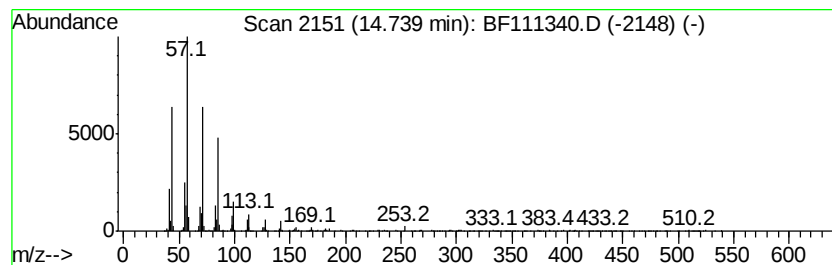
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	29.53 ng	774058	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	81
2		Octacosane	394	C28H58	000630-02-4	80
3		Tetratetracontane	619	C44H90	007098-22-8	74
4		Hexacosane	366	C26H54	000630-01-3	74
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-121118-C

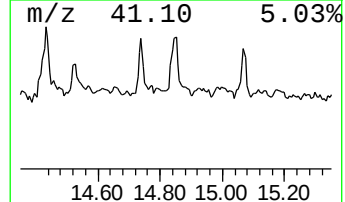
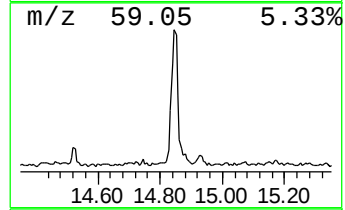
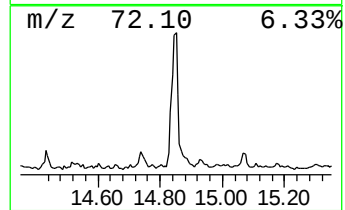
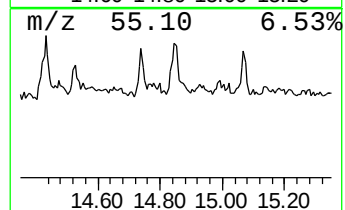
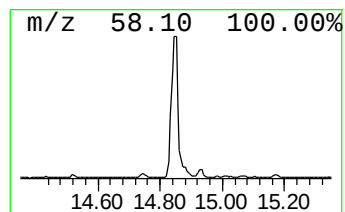
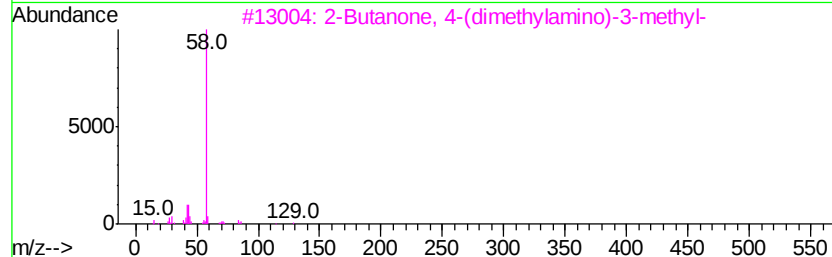
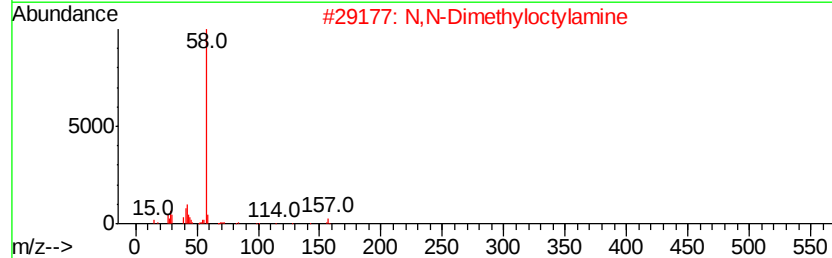
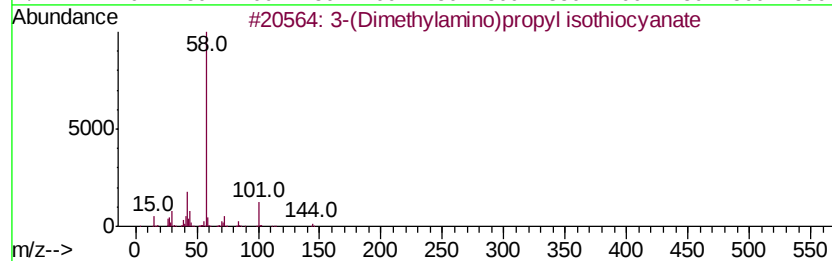
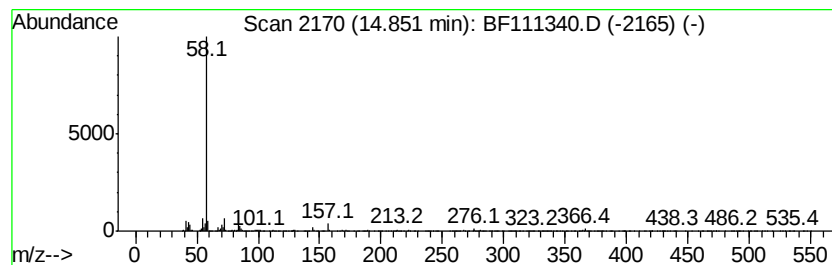
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3-(Dimethylamino)propyl iso... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	76.79 ng	2012600	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(Dimethylamino)propyl isothiocy...	144	C6H12N2S	027421-70-1	72
2		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
3		2-Butanone, 4-(dimethylamino)-3-...	129	C7H15NO	022104-62-7	64
4		1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	64
5		Octadecylbenzyltrimethylammonium ...	423	C27H50ClN	000122-19-0	64



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Data File : BF111340.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

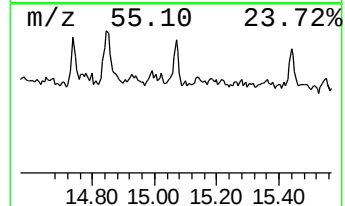
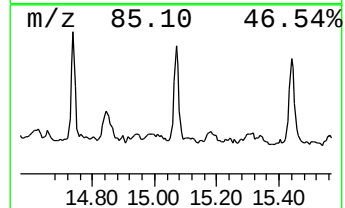
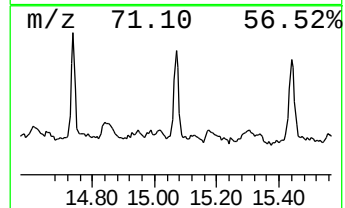
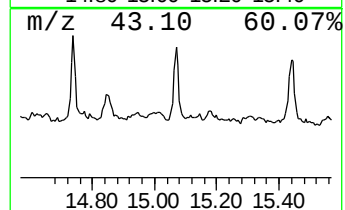
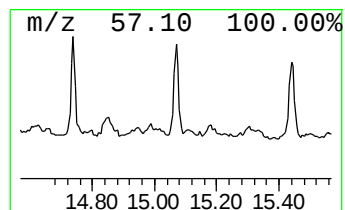
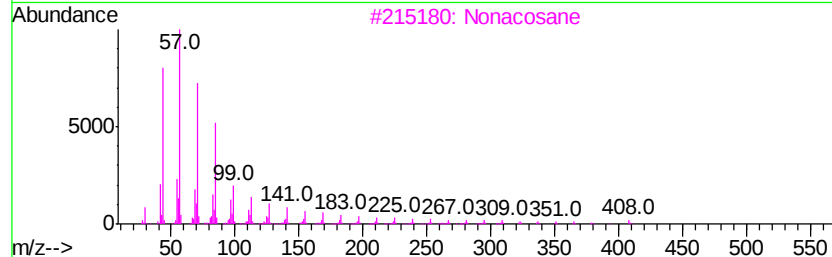
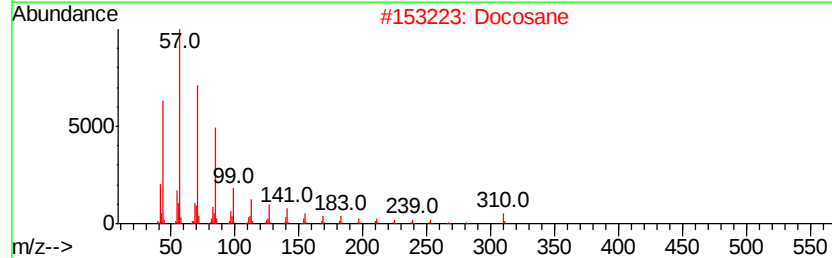
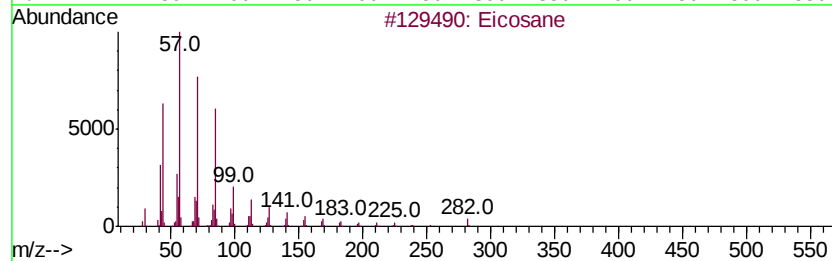
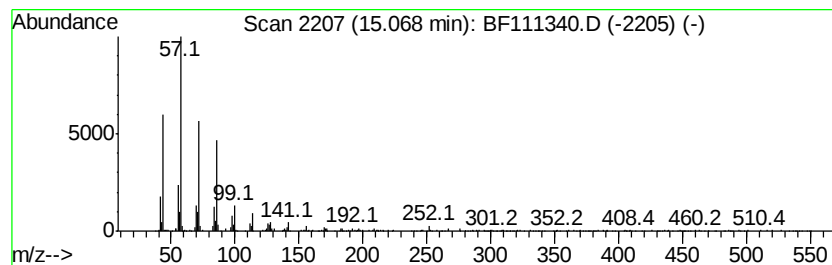
Instrument :
BNA_F
ClientSampleId :
HR-05-121118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	29.97 ng	785451	Perylene-d12	15.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	97
2	Docosane	310 C22H46	000629-97-0	96
3	Nonacosane	408 C29H60	000630-03-5	90
4	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	81
5	Heneicosane	296 C21H44	000629-94-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111340.D
 Acq On : 12 Dec 2018 23:50
 Operator : JU/SJ
 Sample : J6189-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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
unknown6.56	6.56	44.0	ng	3739020	1	6.79	1698500	20.0
Decane	6.65	34.8	ng	2955400	1	6.79	1698500	20.0
Decane, 3-methyl-	7.19	17.1	ng	1449780	1	6.79	1698500	20.0
Undecane	7.40	47.7	ng	4051080	1	6.79	1698500	20.0
Tetradecane	9.25	40.6	ng	3353650	3	9.83	1650800	20.0
Hexadecane	9.77	26.0	ng	2142780	3	9.83	1650800	20.0
Bacchotricuneatin c	10.75	29.4	ng	2220950	4	11.32	1508480	20.0
Dodecane, 2-methy...	11.62	17.0	ng	1279580	4	11.32	1508480	20.0
Hexadecanoic acid...	11.72	172.4	ng	13002000	4	11.32	1508480	20.0
n-Hexadecanoic acid	11.85	15.7	ng	1184780	4	11.32	1508480	20.0
Tridecane, 1-iodo-	12.03	16.9	ng	1276900	4	11.32	1508480	20.0
9,12-Octadecadien...	12.43	447.4	ng	33744000	4	11.32	1508480	20.0
16-Octadecenoic a...	12.45	370.8	ng	27967400	4	11.32	1508480	20.0
9-Octadecenoic ac...	13.16	19.9	ng	2035370	5	13.96	2047010	20.0
Tetracosane	14.74	29.5	ng	774058	6	15.40	524179	20.0
3-(Dimethylamino)...	14.85	76.8	ng	2012600	6	15.40	524179	20.0
Eicosane	15.07	30.0	ng	785451	6	15.40	524179	20.0