

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113004.D
 Acq On : 12 Mar 2019 15:50
 Operator : JU/SJ
 Sample : K1687-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-031119-A

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-BF022719.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	5.339	549	553	563	rBV	1820209	1686994	79.15%	4.491%
2	5.645	601	605	610	rBV	59664	54726	2.57%	0.146%
3	5.986	660	663	670	rVB2	72630	85031	3.99%	0.226%
4	6.181	690	696	700	rBV3	44718	64461	3.02%	0.172%
5	6.275	708	712	719	rVB4	106889	164113	7.70%	0.437%
6	6.334	719	722	724	rBV	133183	113831	5.34%	0.303%
7	6.363	724	727	733	rVV	1940861	1758463	82.50%	4.682%
8	6.498	743	750	755	rBV	2135990	1967706	92.32%	5.239%
9	6.557	758	760	762	rVV	90829	99810	4.68%	0.266%
10	6.581	762	764	769	rVB	708029	557226	26.14%	1.484%
11	6.733	786	790	792	rVV	713251	676979	31.76%	1.802%
12	6.757	792	794	798	rVV2	194239	183089	8.59%	0.487%
13	6.792	798	800	805	rVV2	158785	159694	7.49%	0.425%
14	6.886	813	816	821	rVV	1763617	1501410	70.44%	3.997%
15	6.981	829	832	835	rBV3	44414	64418	3.02%	0.172%
16	7.022	835	839	842	rVB3	168920	221416	10.39%	0.589%
17	7.057	842	845	847	rVB2	224033	206432	9.68%	0.550%
18	7.086	847	850	854	rBV	183129	165747	7.78%	0.441%
19	7.133	854	858	861	rBV	320732	268970	12.62%	0.716%
20	7.228	871	874	876	rVV2	64708	59466	2.79%	0.158%
21	7.286	876	884	888	rVV	1247649	1375221	64.52%	3.661%
22	7.322	888	890	891	rVV	114534	104302	4.89%	0.278%
23	7.345	891	894	897	rVV	1357521	1141430	53.55%	3.039%
24	7.386	897	901	905	rVV4	159449	230045	10.79%	0.612%
25	7.422	905	907	910	rVV3	80468	103034	4.83%	0.274%
26	7.457	910	913	917	rVV3	141437	156852	7.36%	0.418%
27	7.504	917	921	923	rVV4	99635	132377	6.21%	0.352%
28	7.533	923	926	932	rVB3	237510	365380	17.14%	0.973%
29	7.645	939	945	949	rBV6	183291	391550	18.37%	1.042%
30	7.710	952	956	959	rVV2	182081	214382	10.06%	0.571%
31	7.745	959	962	966	rVV3	240527	380765	17.86%	1.014%
32	7.780	966	968	972	rVV2	291173	285274	13.38%	0.760%
33	7.822	972	975	977	rVV2	198149	173485	8.14%	0.462%
34	7.851	977	980	983	rVB3	167352	214199	10.05%	0.570%

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35	7.886	983	986	988	rBV	79701	73840	3.46%	0.197%
36	7.963	996	999	1000	rBV2	78916	71148	3.34%	0.189%
37	7.975	1000	1001	1003	rVV2	119223	97786	4.59%	0.260%
38	8.010	1003	1007	1011	rVV	2351418	2131475	100.00%	5.675%
39	8.069	1015	1017	1018	rVV2	140379	127163	5.97%	0.339%
40	8.092	1018	1021	1023	rVV	423417	386617	18.14%	1.029%
41	8.116	1023	1025	1028	rVV3	98640	103802	4.87%	0.276%
42	8.139	1028	1029	1032	rVB2	82365	64211	3.01%	0.171%
43	8.192	1032	1038	1040	rBV7	94034	164410	7.71%	0.438%
44	8.210	1040	1041	1043	rVV	71384	67094	3.15%	0.179%
45	8.316	1054	1059	1062	rBV6	265104	371573	17.43%	0.989%
46	8.369	1066	1068	1071	rBV2	199438	166192	7.80%	0.442%
47	8.404	1071	1074	1077	rVV2	278093	241711	11.34%	0.644%
48	8.451	1078	1082	1086	rVV	449393	482487	22.64%	1.285%
49	8.486	1086	1088	1090	rVB2	95472	76627	3.60%	0.204%
50	8.522	1090	1094	1097	rBV3	210026	204822	9.61%	0.545%
51	8.563	1097	1101	1103	rBV4	77558	84343	3.96%	0.225%
52	8.616	1107	1110	1115	rBV	1359568	1210830	56.81%	3.224%
53	8.675	1118	1120	1124	rVV4	168404	166391	7.81%	0.443%
54	8.716	1124	1127	1133	rVB4	184005	245756	11.53%	0.654%
55	8.833	1142	1147	1150	rBV4	116792	165641	7.77%	0.441%
56	8.898	1155	1158	1160	rVV3	148936	136964	6.43%	0.365%
57	8.927	1160	1163	1165	rVV3	142258	189221	8.88%	0.504%
58	8.945	1165	1166	1170	rVV3	95306	110836	5.20%	0.295%
59	8.980	1170	1172	1175	rVB	197643	145617	6.83%	0.388%
60	9.022	1176	1179	1181	rBV2	116994	111724	5.24%	0.297%
61	9.045	1181	1183	1186	rVB2	319895	269357	12.64%	0.717%
62	9.086	1186	1190	1195	rBV	2056744	1671343	78.41%	4.450%
63	9.180	1202	1206	1212	rBV	1068960	959965	45.04%	2.556%
64	9.239	1212	1216	1218	rVV3	111532	173430	8.14%	0.462%
65	9.345	1229	1234	1237	rBV6	63995	112016	5.26%	0.298%
66	9.427	1245	1248	1250	rBV2	63276	71527	3.36%	0.190%
67	9.480	1255	1257	1259	rVV	171716	203378	9.54%	0.541%
68	9.498	1259	1260	1262	rVV	265292	197986	9.29%	0.527%
69	9.522	1262	1264	1267	rVV	131107	119597	5.61%	0.318%
70	9.557	1268	1270	1272	rVB2	81924	63033	2.96%	0.168%
71	9.710	1293	1296	1300	rBV	572226	489692	22.97%	1.304%

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72	9.763	1300	1305	1311	rVV	900787	877648	41.18%	2.337%
73	9.945	1331	1336	1338	rBV4	51142	80560	3.78%	0.214%
74	9.969	1338	1340	1343	rVV2	70406	73331	3.44%	0.195%
75	10.027	1347	1350	1354	rVB4	88653	105095	4.93%	0.280%
76	10.204	1377	1380	1383	rVV	361463	278013	13.04%	0.740%
77	10.427	1411	1418	1421	rBV	100879	132378	6.21%	0.352%
78	10.545	1434	1438	1448	rBV	1019760	1040067	48.80%	2.769%
79	10.674	1457	1460	1468	rVB	237291	288857	13.55%	0.769%
80	11.121	1533	1536	1539	rBV	125849	105692	4.96%	0.281%
81	11.151	1539	1541	1547	rVB	54249	56149	2.63%	0.149%
82	11.239	1553	1556	1564	rBV	713898	698835	32.79%	1.861%
83	11.545	1605	1608	1612	rBV	78655	68631	3.22%	0.183%
84	11.645	1621	1625	1631	rVB	190949	166957	7.83%	0.444%
85	11.774	1644	1647	1657	rBV2	331424	396859	18.62%	1.057%
86	12.321	1737	1740	1742	rBV	910053	820576	38.50%	2.185%
87	12.345	1742	1744	1753	rVB2	705639	631300	29.62%	1.681%
88	12.433	1756	1759	1762	rBV2	105543	109603	5.14%	0.292%
89	12.557	1777	1780	1787	rBV	158302	217071	10.18%	0.578%
90	12.815	1820	1824	1834	rVB	1395672	1295297	60.77%	3.449%
91	13.727	1975	1979	1988	rVB	135318	187419	8.79%	0.499%
92	13.862	1998	2002	2012	rBV	775416	870174	40.82%	2.317%
93	14.045	2030	2033	2037	rVB	92139	82936	3.89%	0.221%
94	14.345	2081	2084	2088	rBV	136300	132162	6.20%	0.352%
95	14.639	2131	2134	2140	rBV	160161	205850	9.66%	0.548%
96	14.956	2185	2188	2192	rVB	213059	221654	10.40%	0.590%
97	15.268	2237	2241	2245	rBV	591896	716227	33.60%	1.907%
98	15.315	2245	2249	2254	rVB	181070	242625	11.38%	0.646%
99	15.715	2313	2317	2322	rBV	176360	251254	11.79%	0.669%
100	16.186	2393	2397	2402	rVB2	96807	149593	7.02%	0.398%

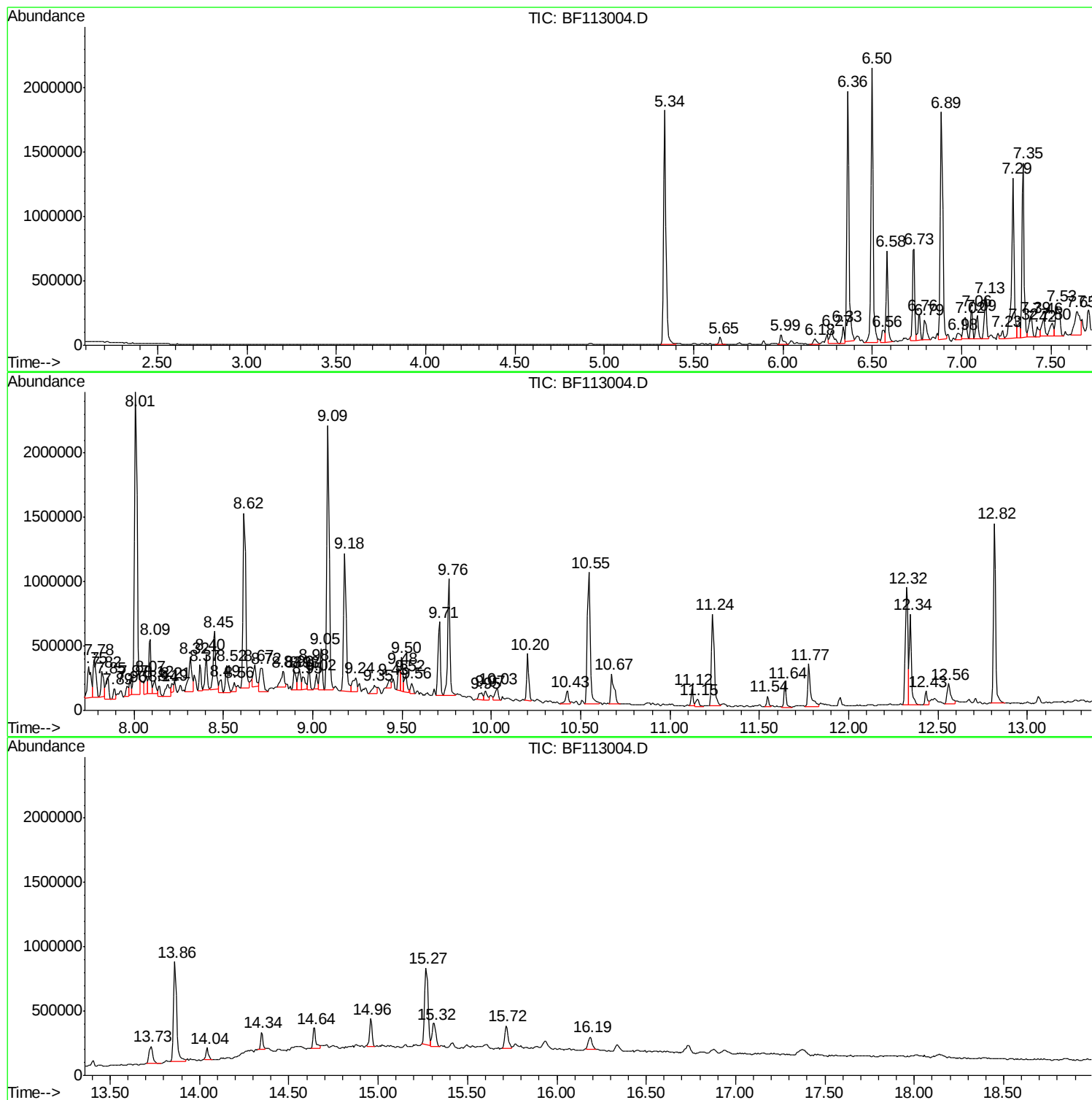
Sum of corrected areas: 37560696

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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.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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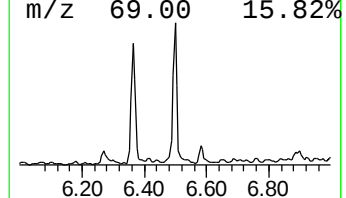
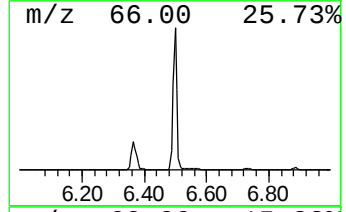
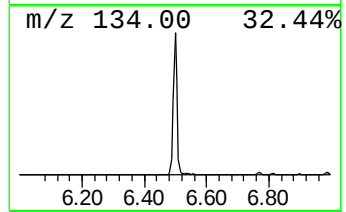
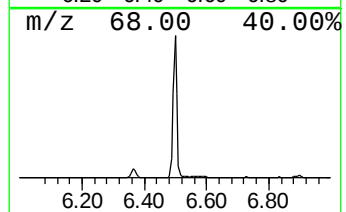
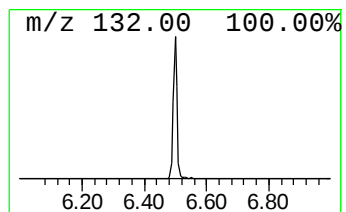
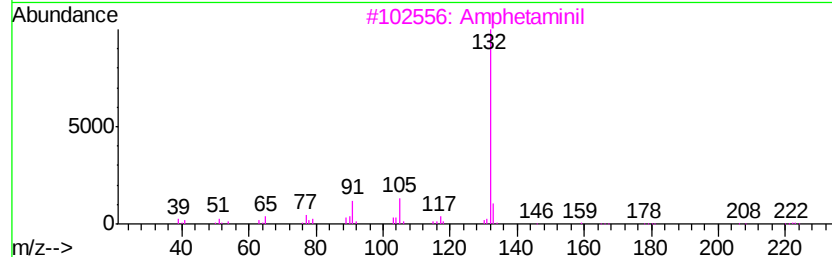
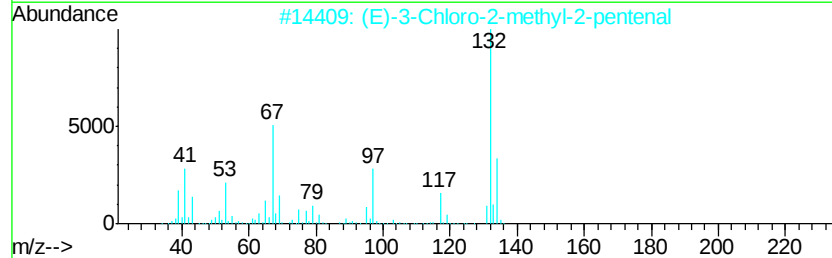
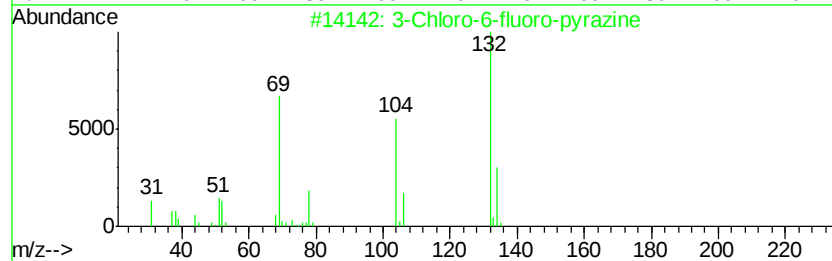
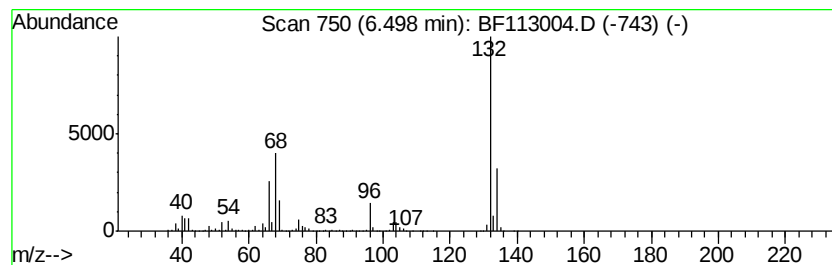
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	58.13 ng	1967710	1,4-Dichlorobenzene-d4	6.73

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	16
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



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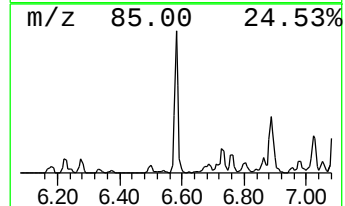
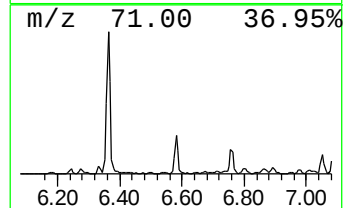
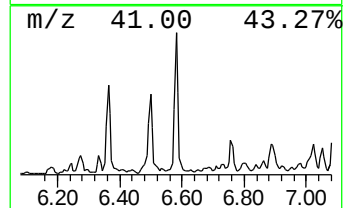
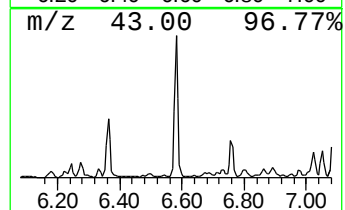
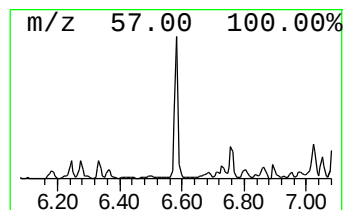
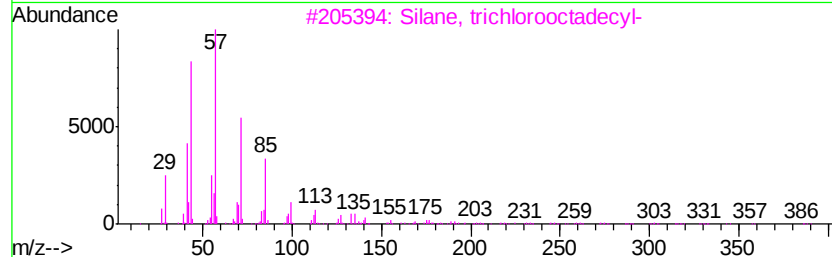
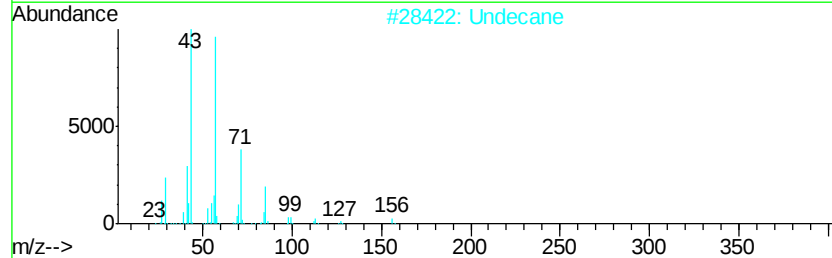
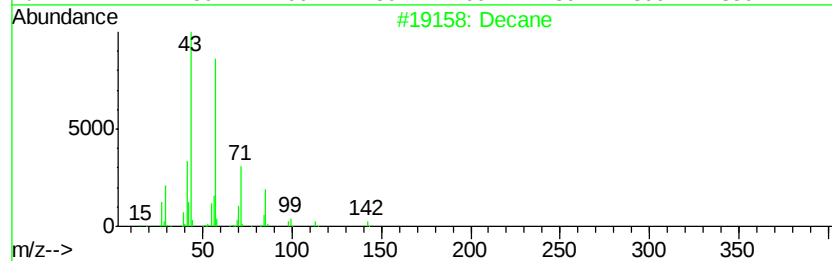
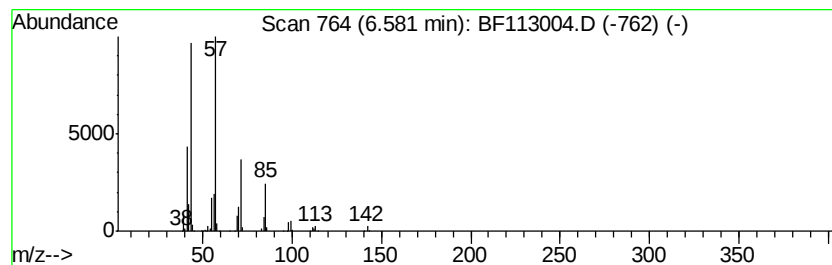
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	16.46 ng	557226	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Undecane	156	C11H24	001120-21-4	90
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
4		Nonane	128	C9H20	000111-84-2	72
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72



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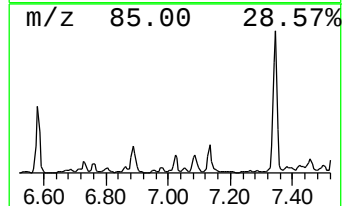
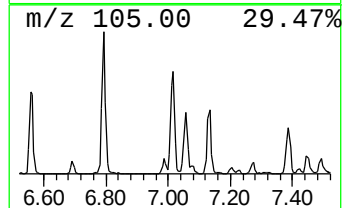
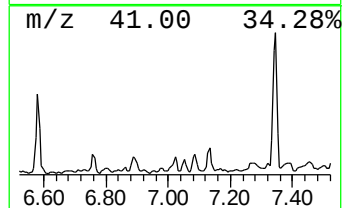
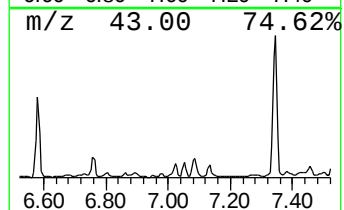
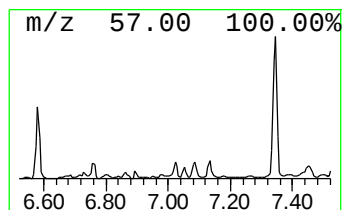
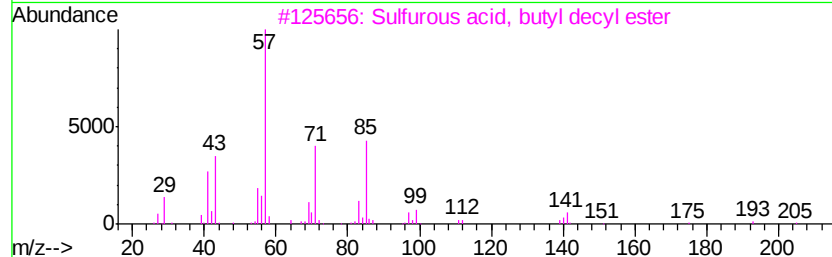
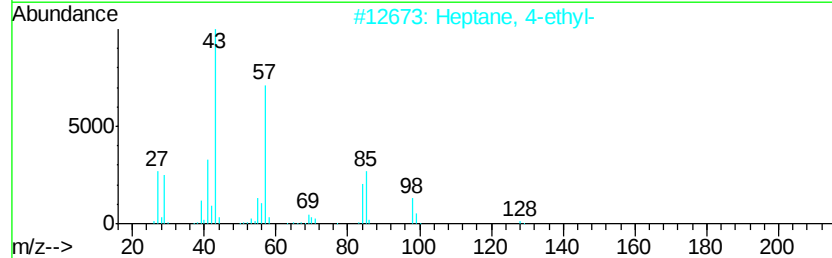
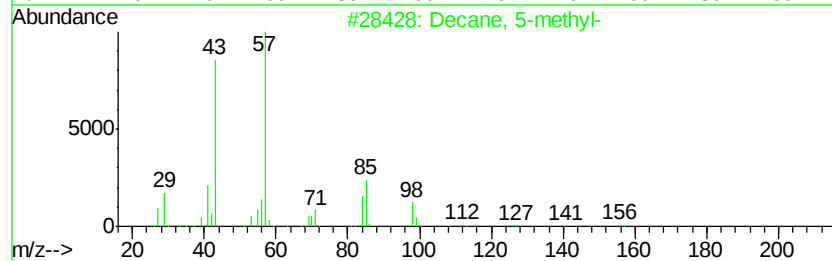
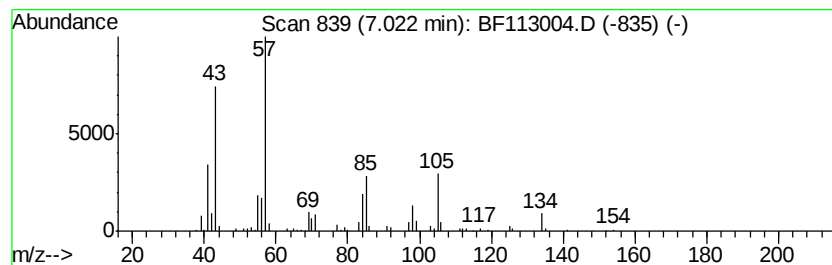
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	6.54 ng	221416	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	50
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
3			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	43
4			Hexadecane	226	C16H34	000544-76-3	43
5			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113004.D
Acq On : 12 Mar 2019 15:50
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Sample : K1687-01 2X
Misc :
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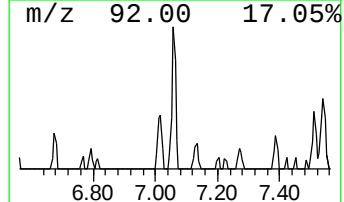
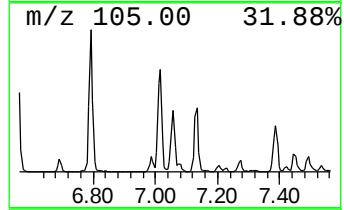
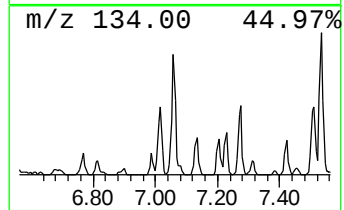
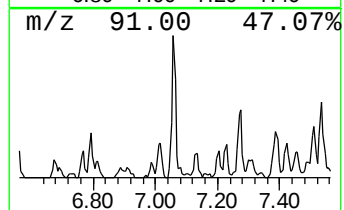
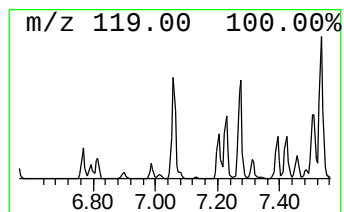
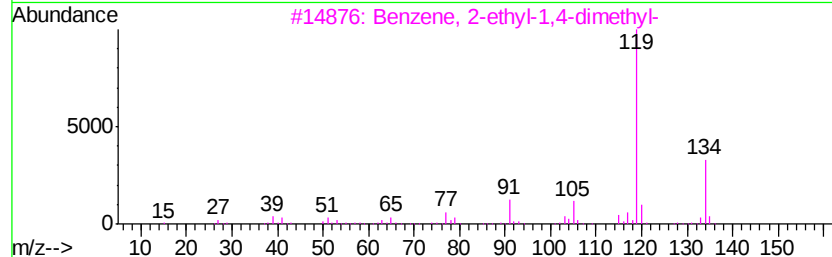
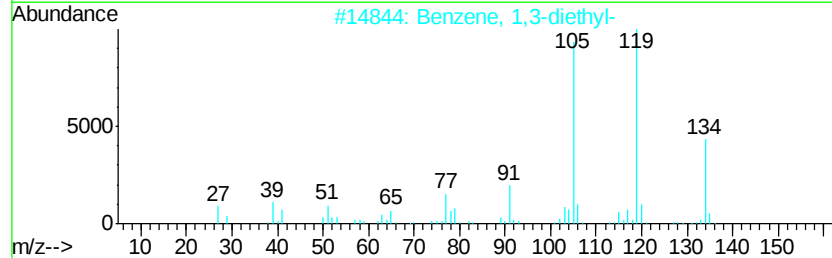
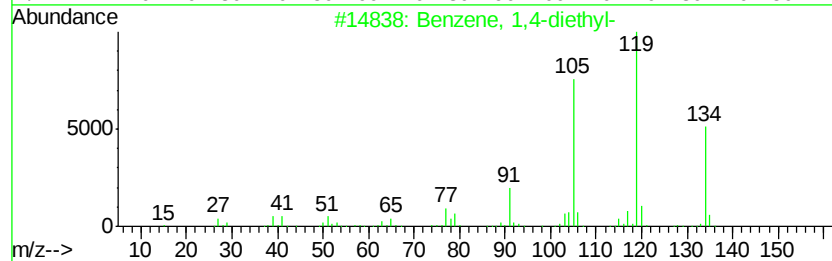
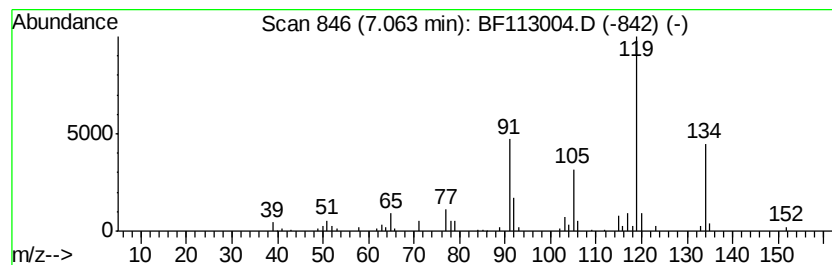
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	6.10 ng	206432	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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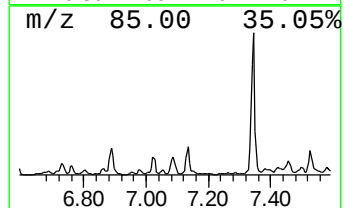
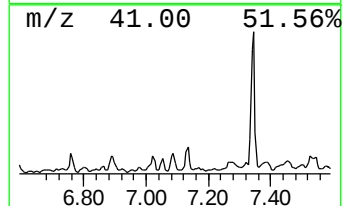
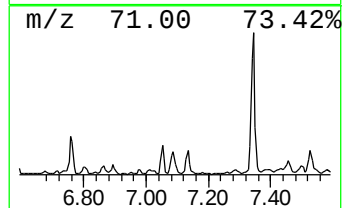
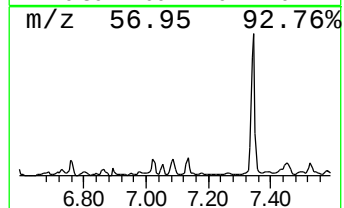
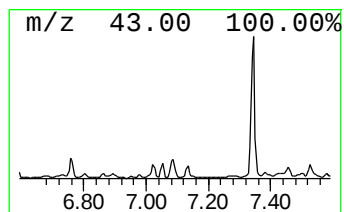
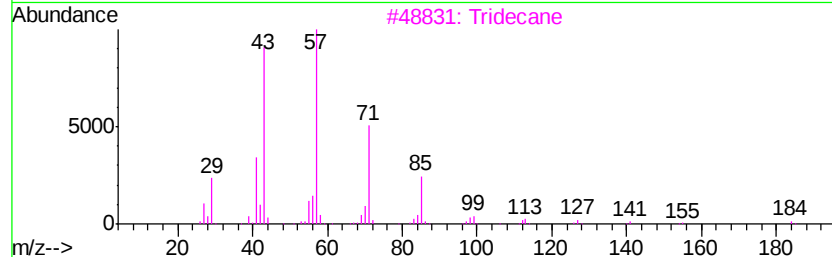
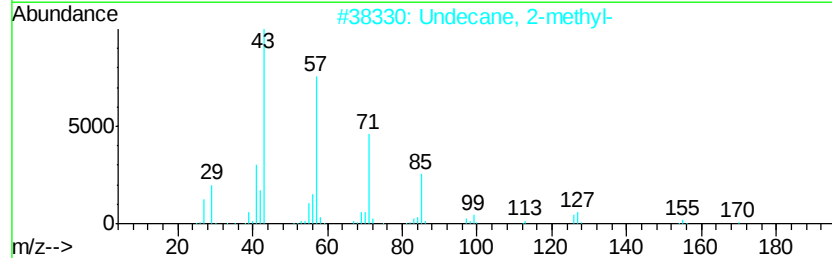
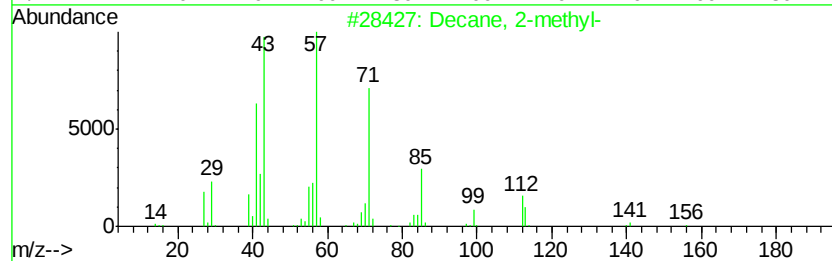
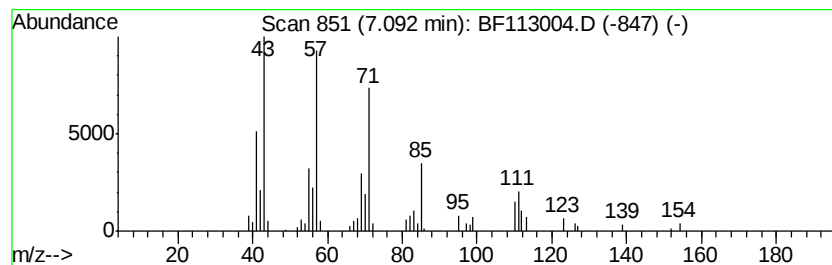
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	4.90 ng	165747	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	86
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	64
3			Tridecane	184	C13H28	000629-50-5	59
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
5			Hexatriacontane	507	C36H74	000630-06-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113004.D
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ALS Vial : 7 Sample Multiplier: 1

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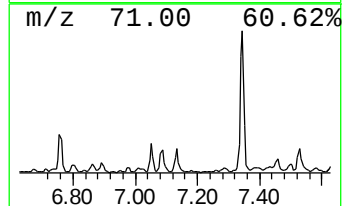
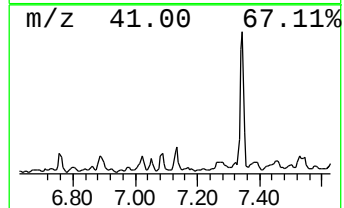
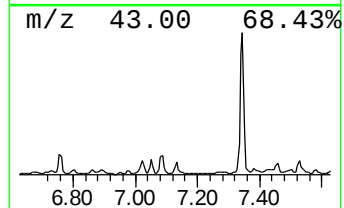
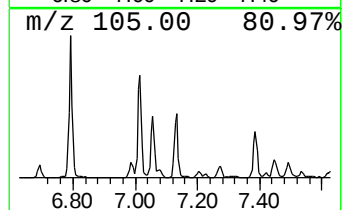
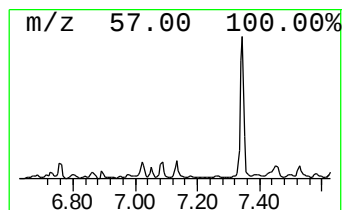
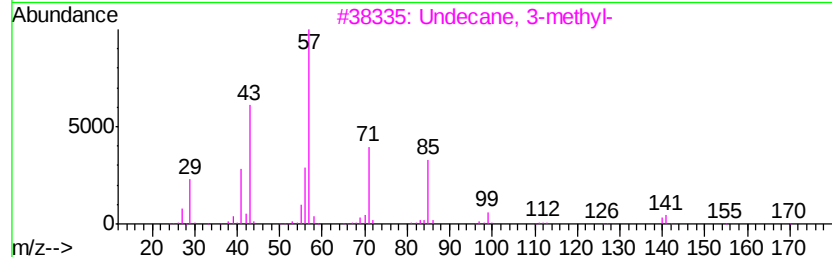
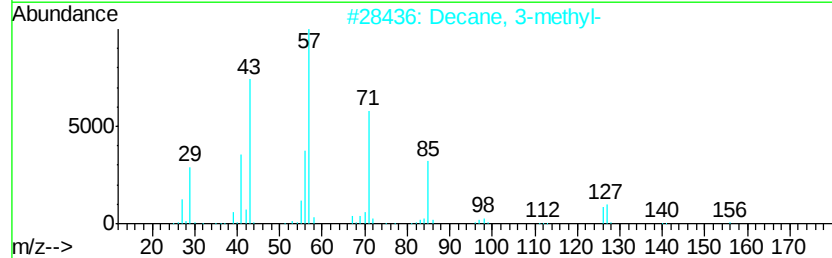
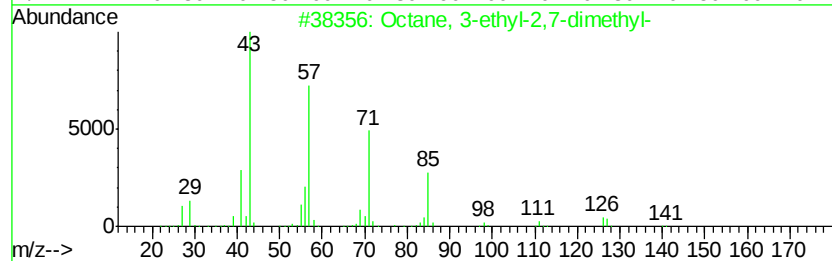
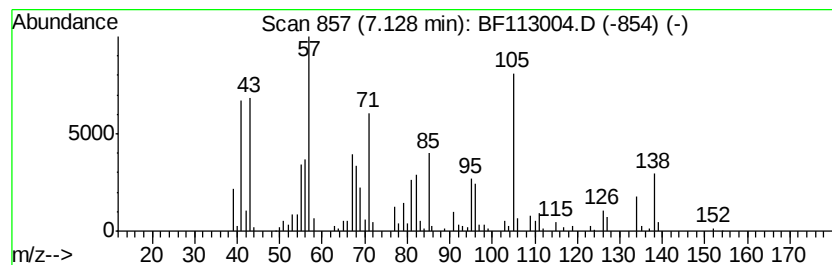
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.13 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	7.95 ng	268970	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	27
2		Decane, 3-methyl-	156	C11H24	013151-34-3	27
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	22
4		Dodecane, 5-methyl-	184	C13H28	017453-93-9	22
5		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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Instrument :
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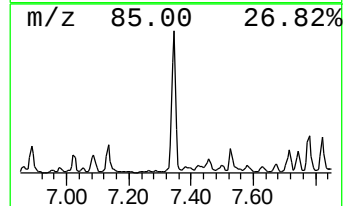
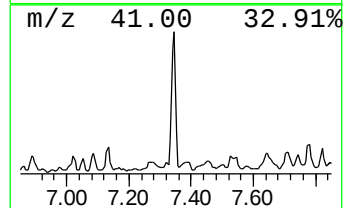
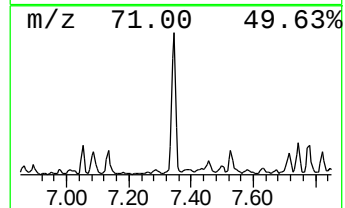
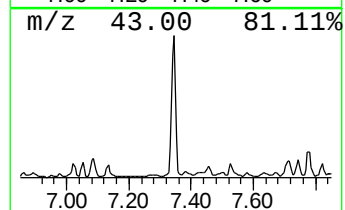
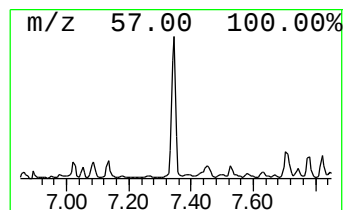
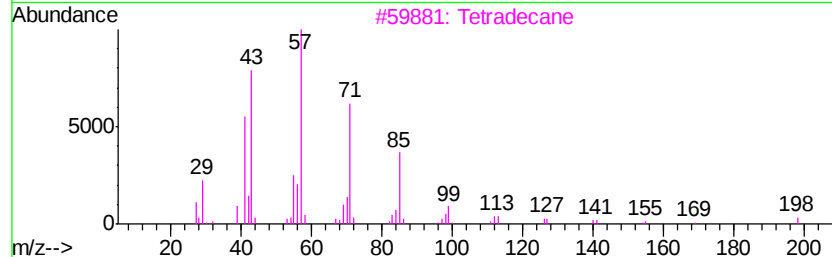
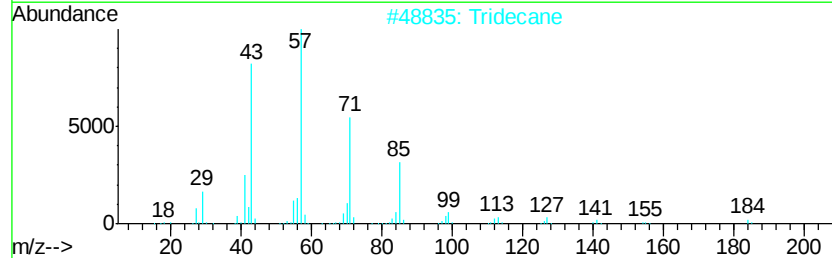
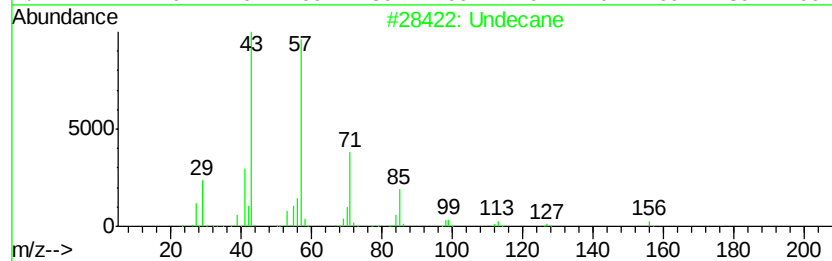
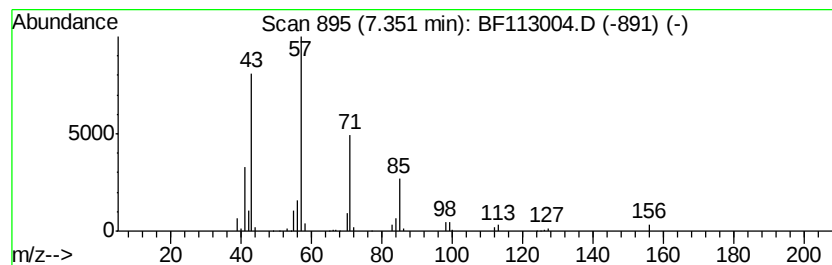
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	33.72 ng	1141430	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
5		Decane	142	C10H22	000124-18-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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Misc :
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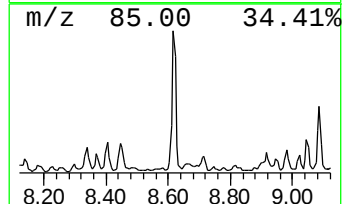
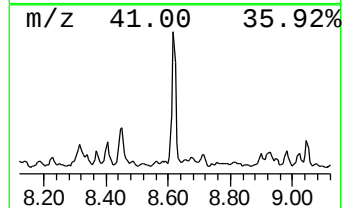
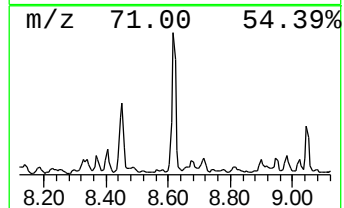
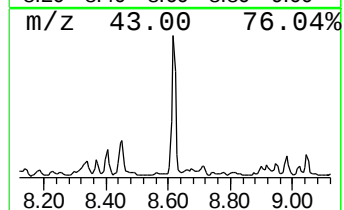
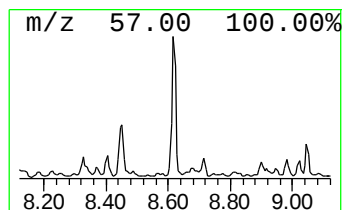
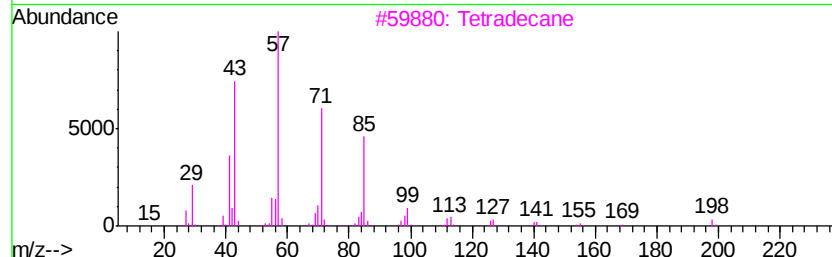
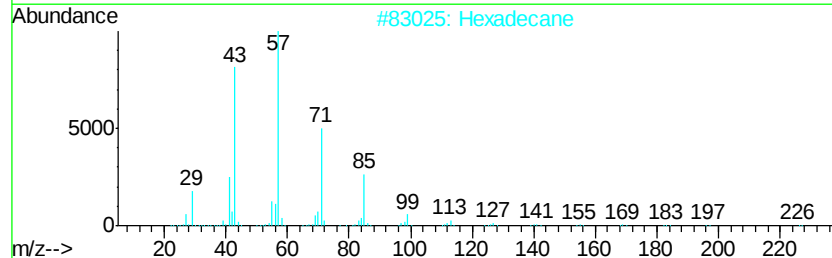
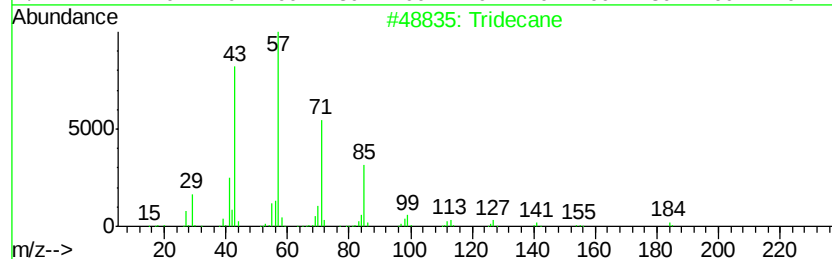
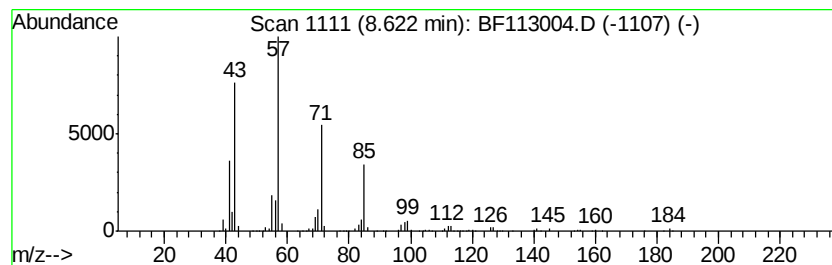
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	11.36 ng	1210830	Naphthalene-d8	8.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	86
5	Dodecane		170	C12H26	000112-40-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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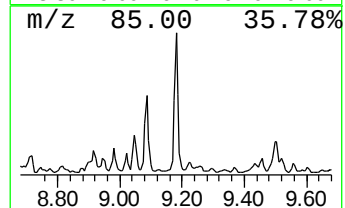
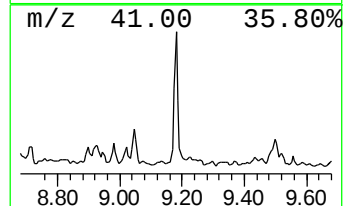
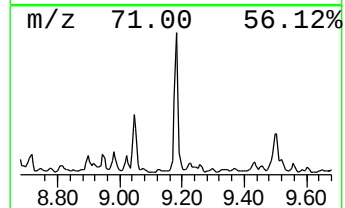
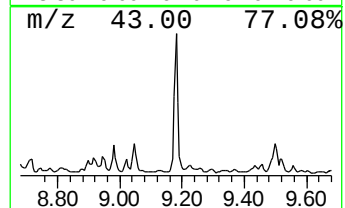
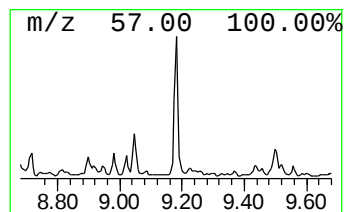
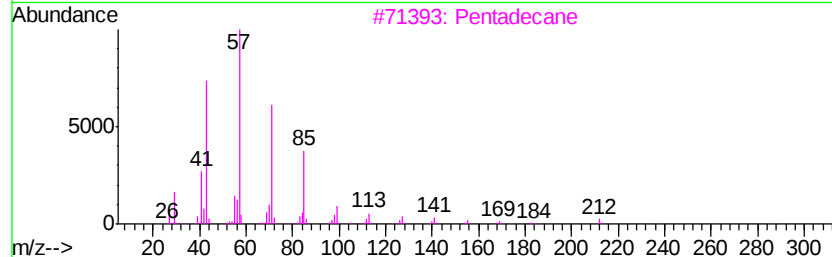
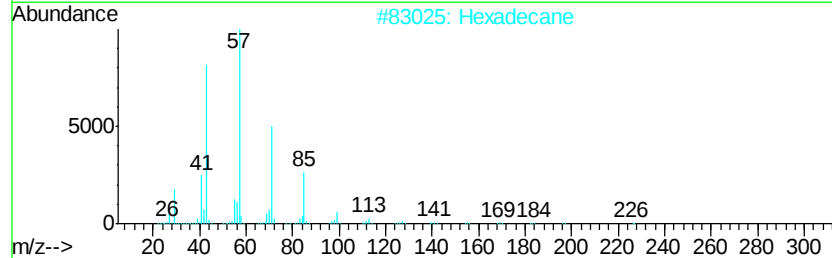
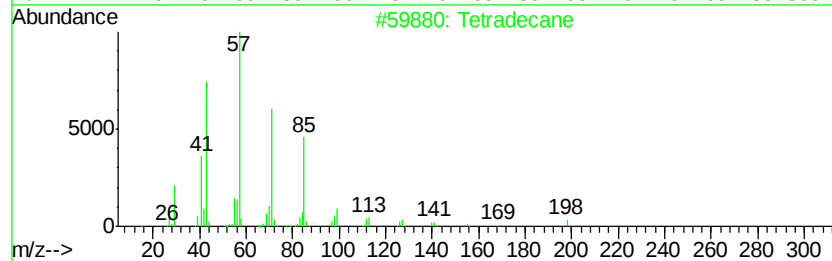
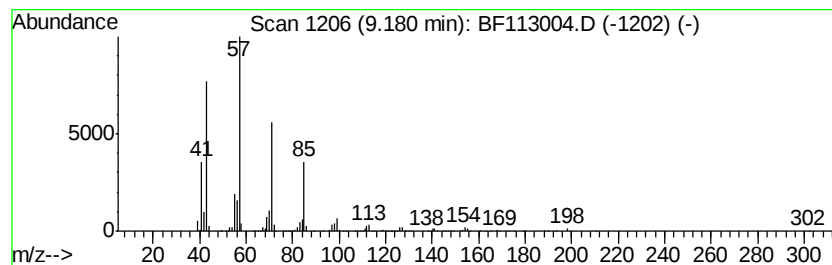
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	21.88 ng	959965	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane	184	C13H28	000629-50-5	78
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113004.D
Acq On : 12 Mar 2019 15:50
Operator : JU/SJ
Sample : K1687-01 2X
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ALS Vial : 7 Sample Multiplier: 1

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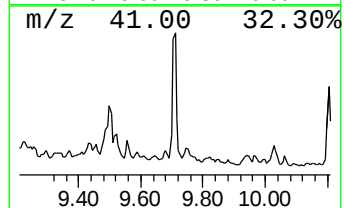
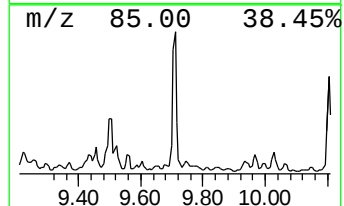
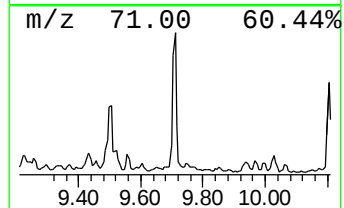
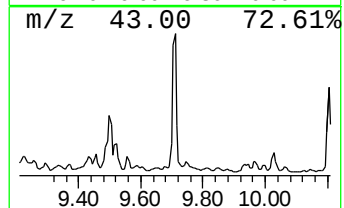
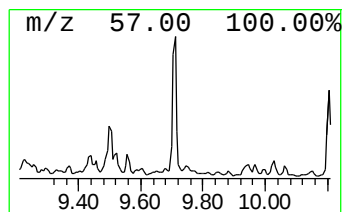
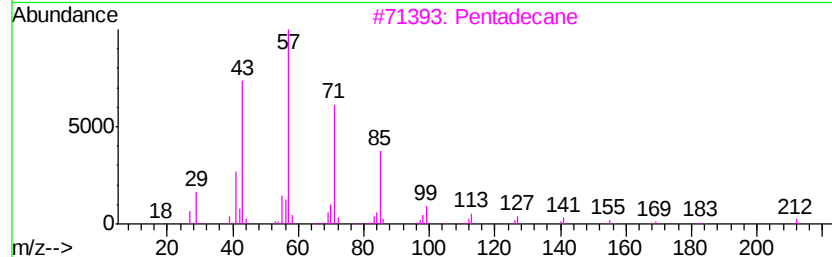
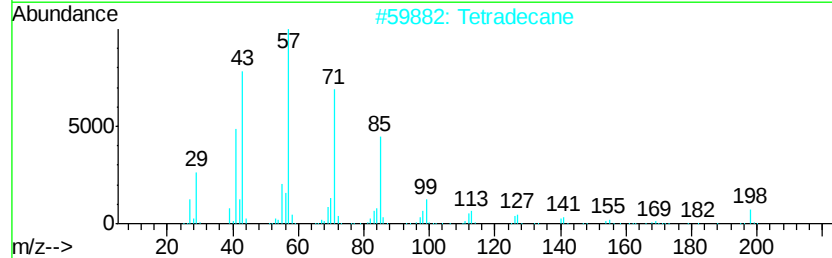
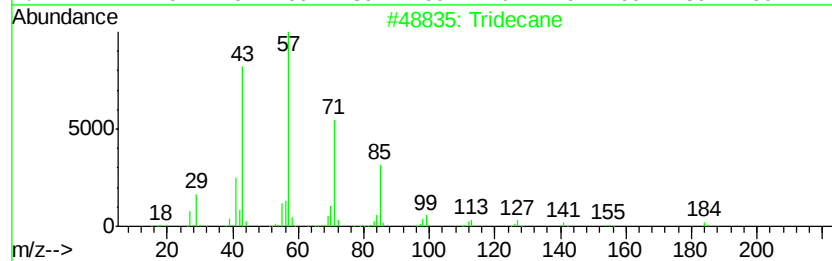
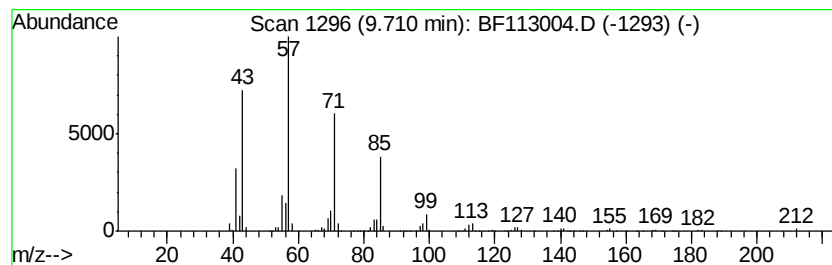
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	11.16 ng	489692	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Pentadecane	212	C15H32	000629-62-9	83
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113004.D
Acq On : 12 Mar 2019 15:50
Operator : JU/SJ
Sample : K1687-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-A

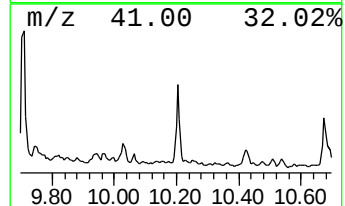
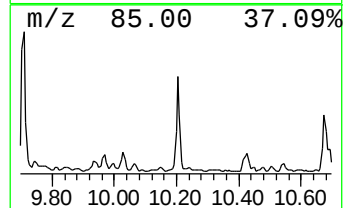
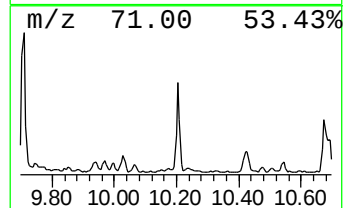
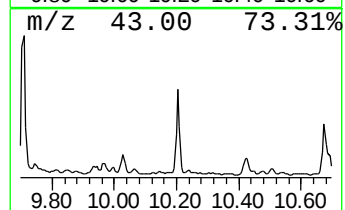
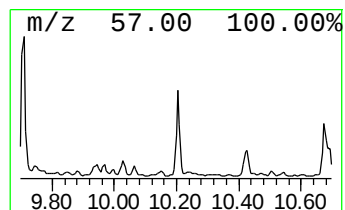
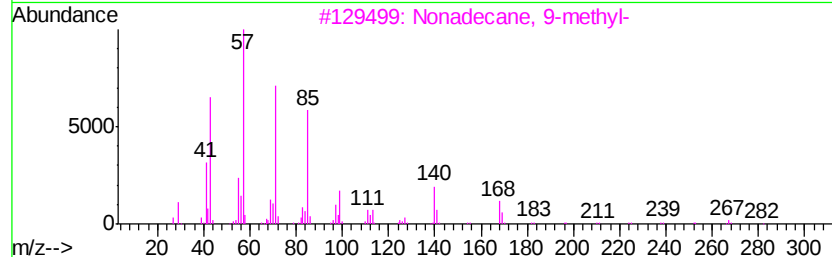
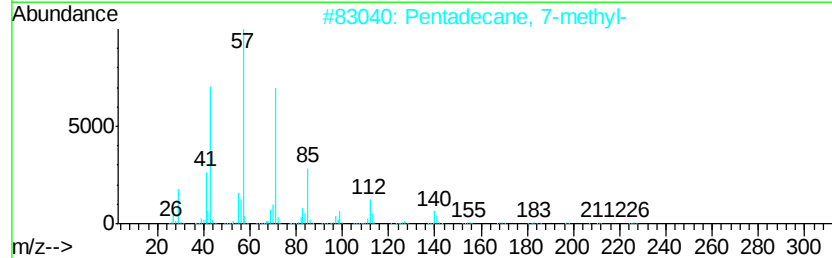
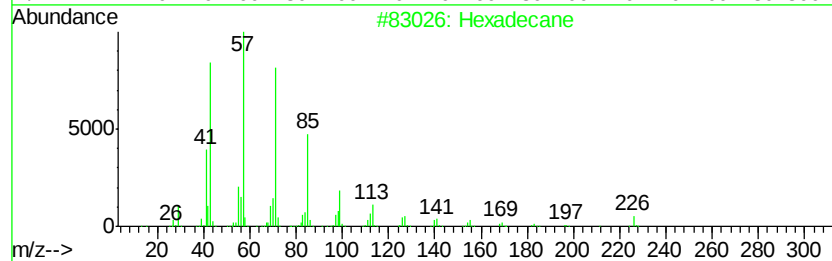
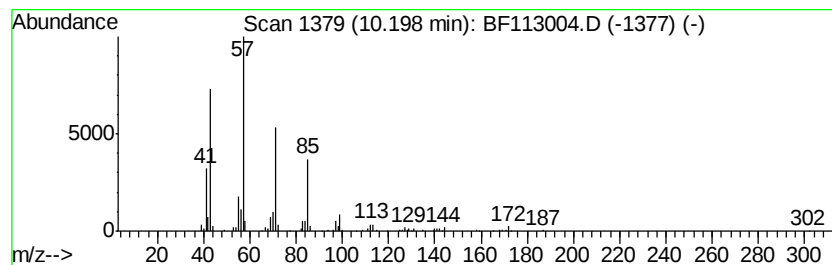
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	6.34 ng	278013	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
4		Tridecane	184	C13H28	000629-50-5	83
5		Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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ClientSampleId :
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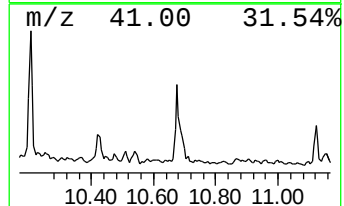
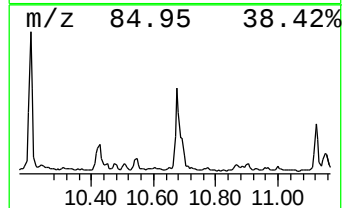
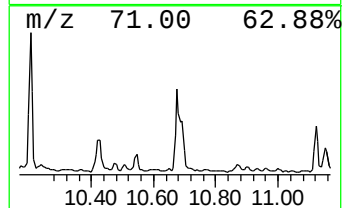
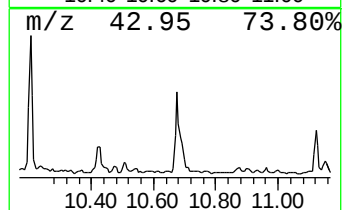
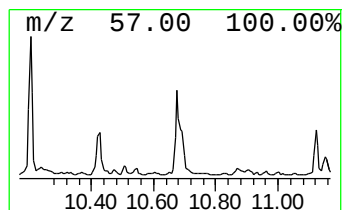
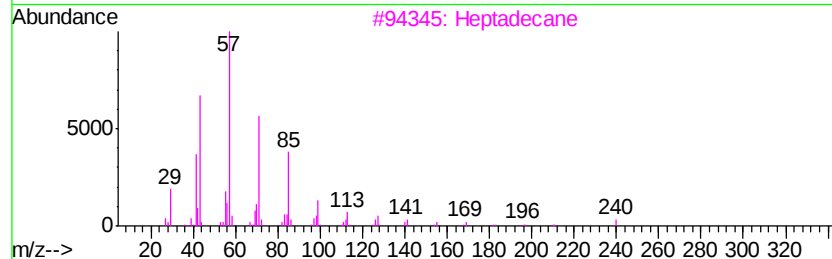
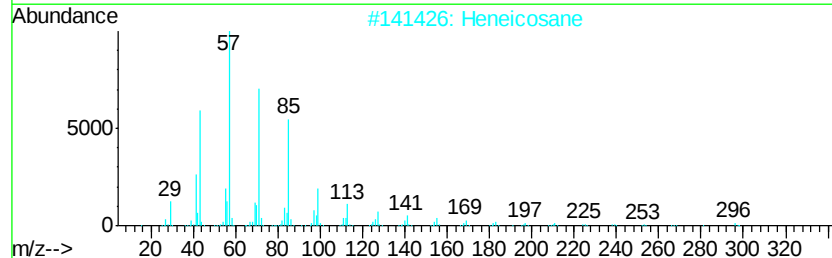
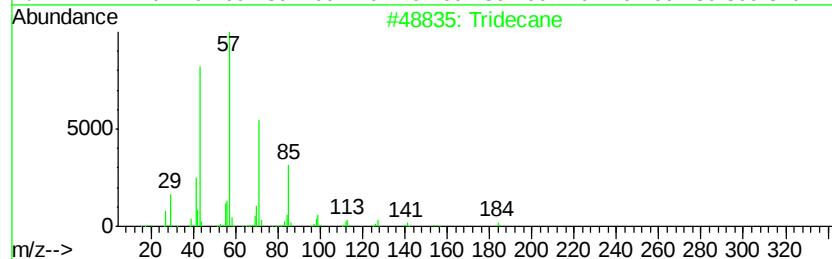
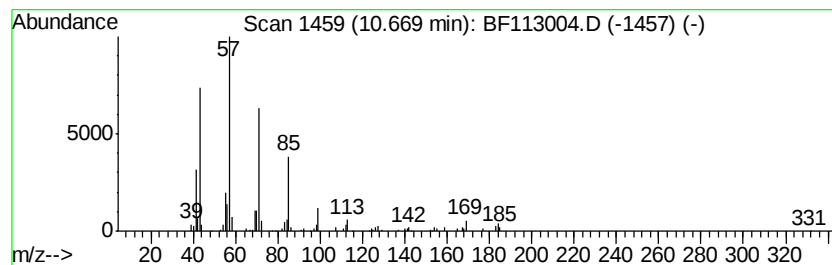
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	8.27 ng	288857	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113004.D
 Acq On : 12 Mar 2019 15:50
 Operator : JU/SJ
 Sample : K1687-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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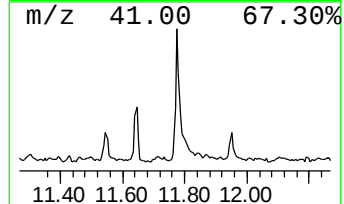
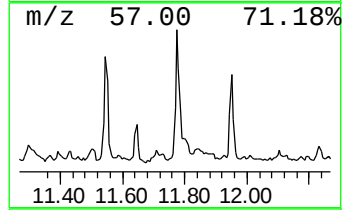
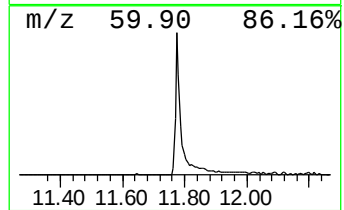
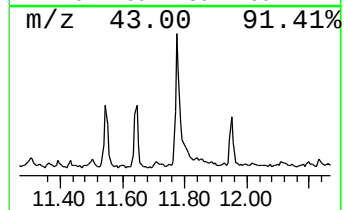
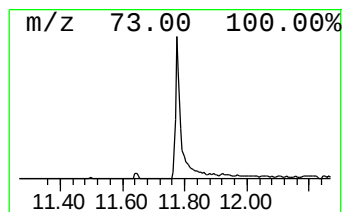
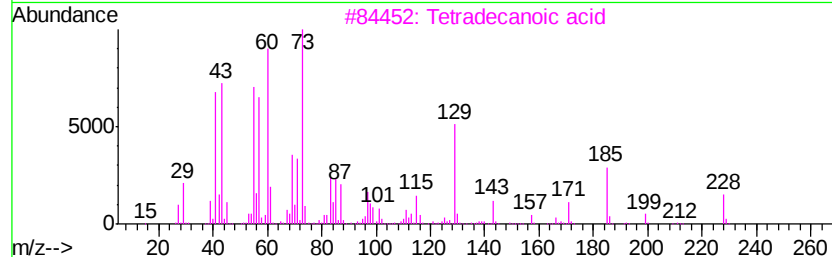
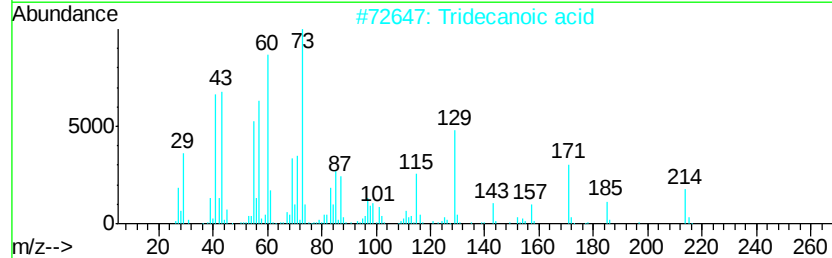
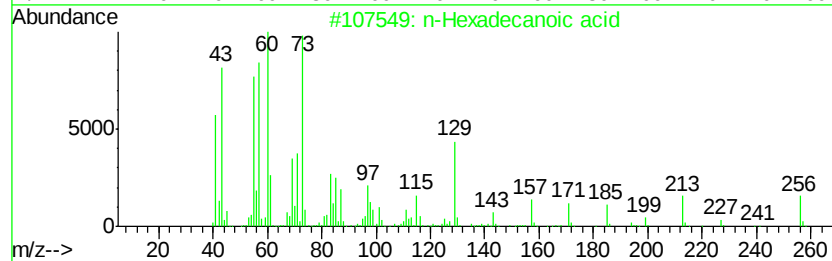
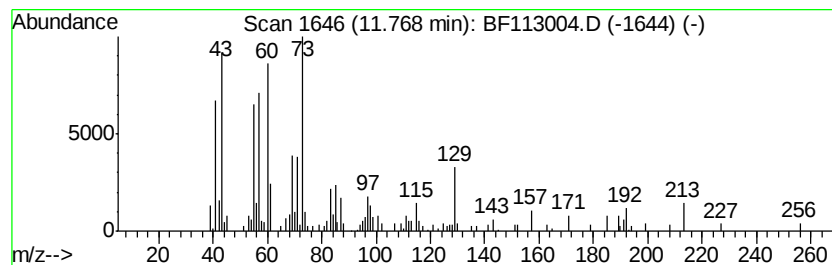
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.36 ng	396859	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Nonanoic acid	158	C9H18O2	000112-05-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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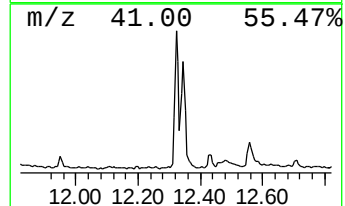
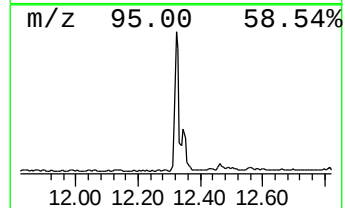
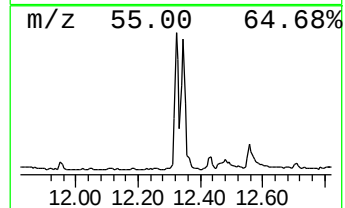
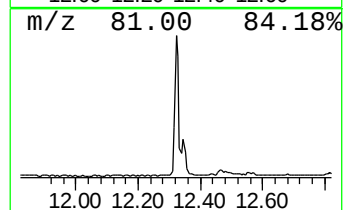
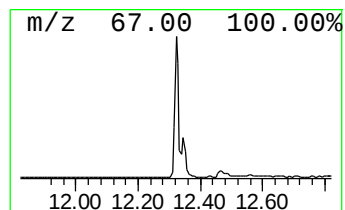
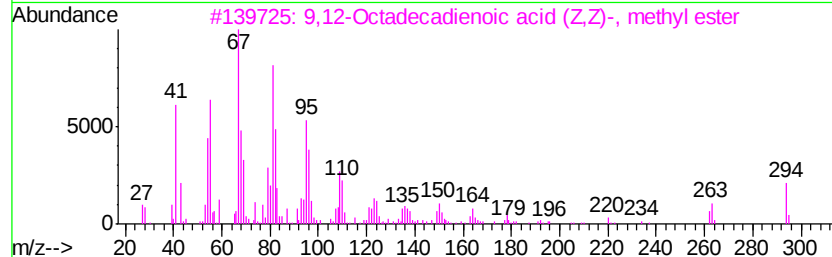
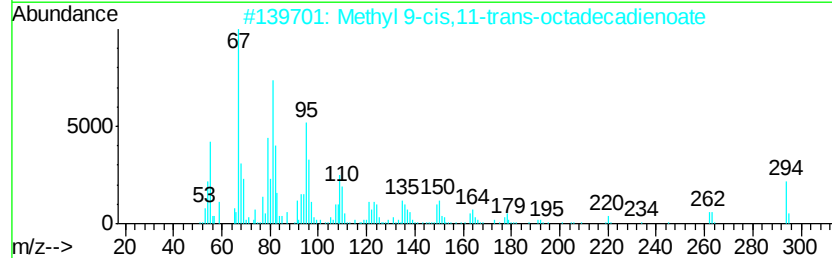
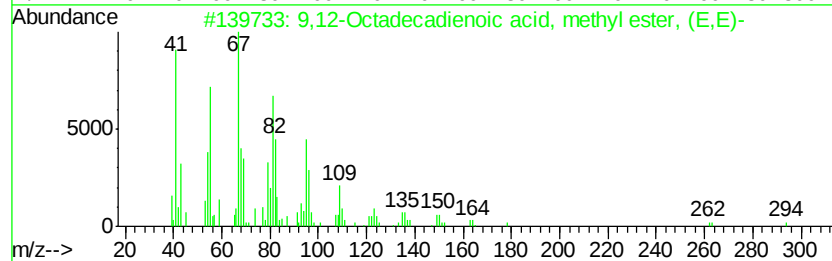
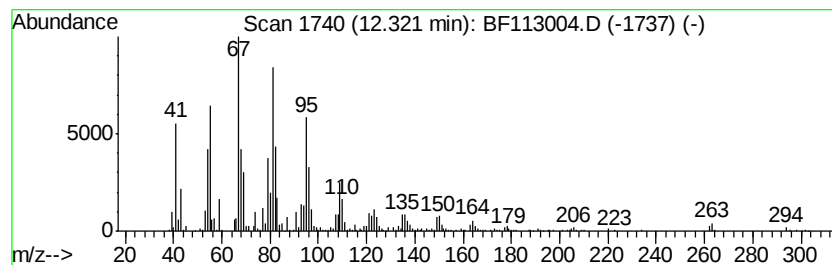
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.32	23.48 ng	820576	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	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	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113004.D
Acq On : 12 Mar 2019 15:50
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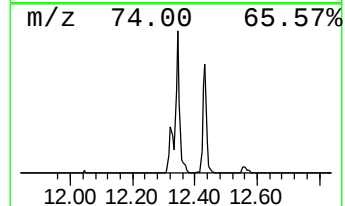
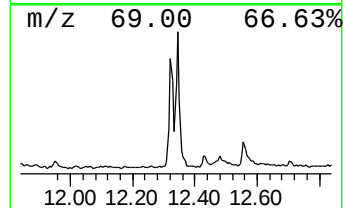
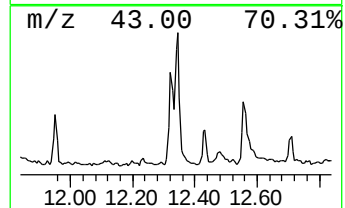
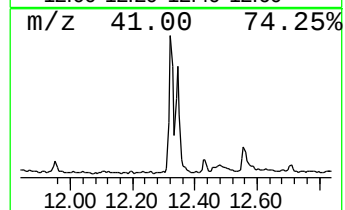
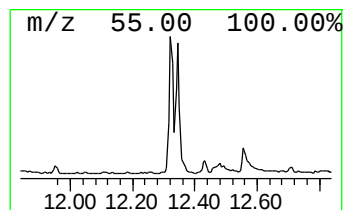
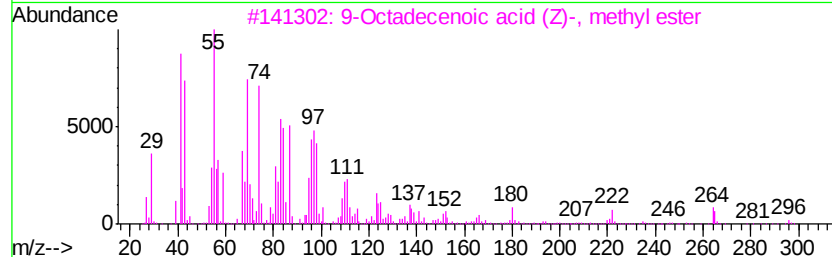
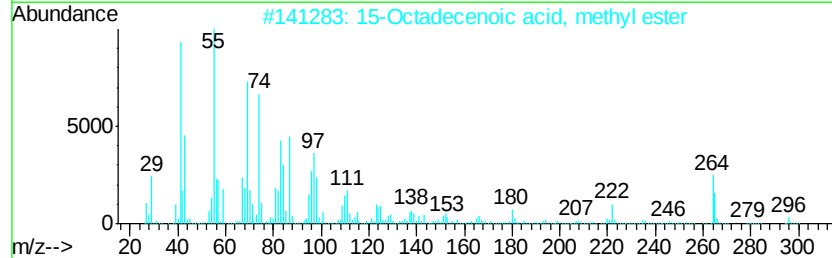
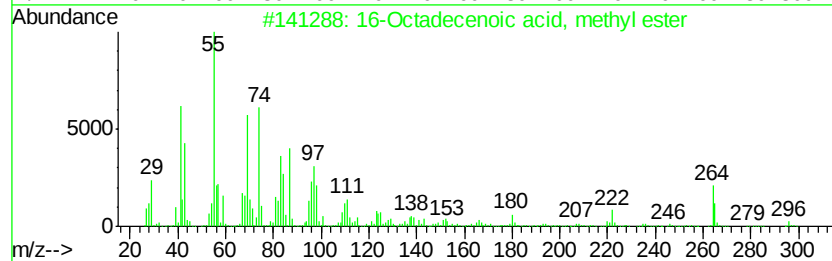
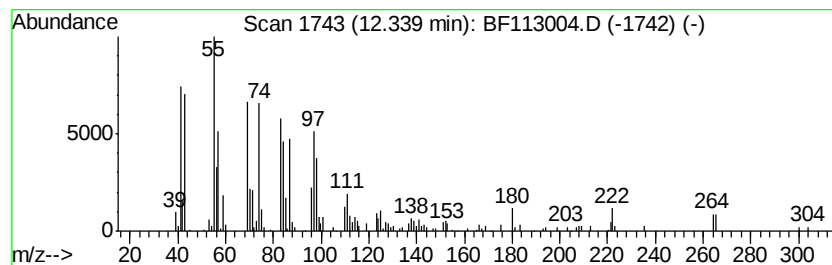
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 16-Octadecenoic acid, methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	18.07 ng	631300	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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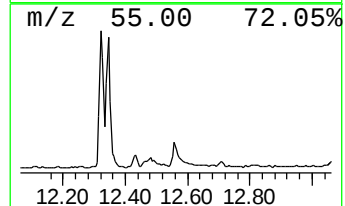
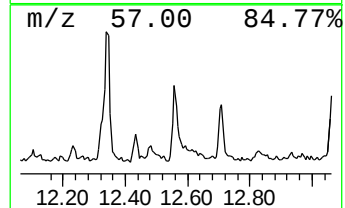
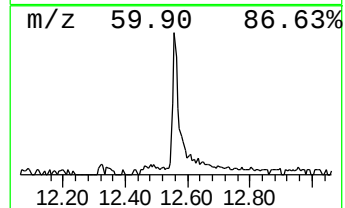
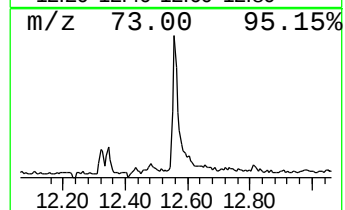
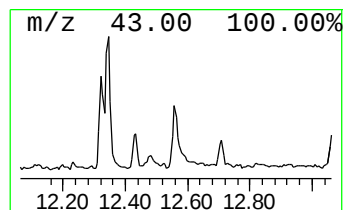
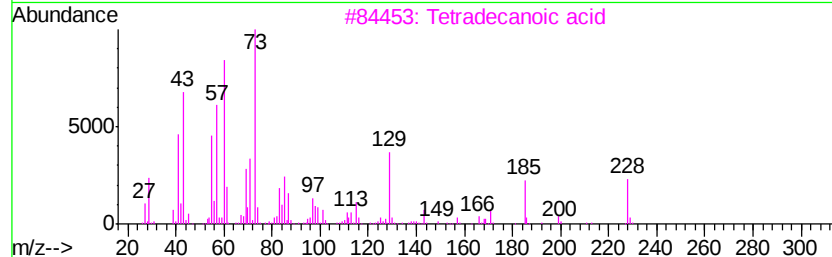
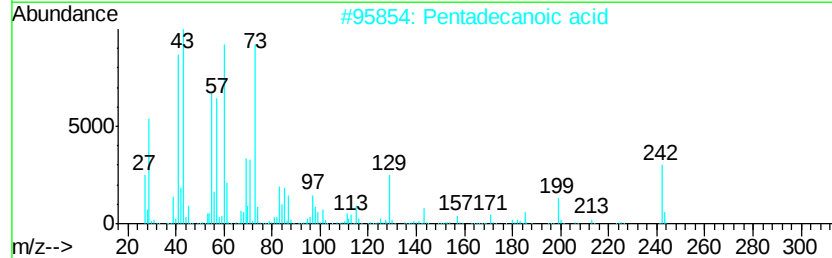
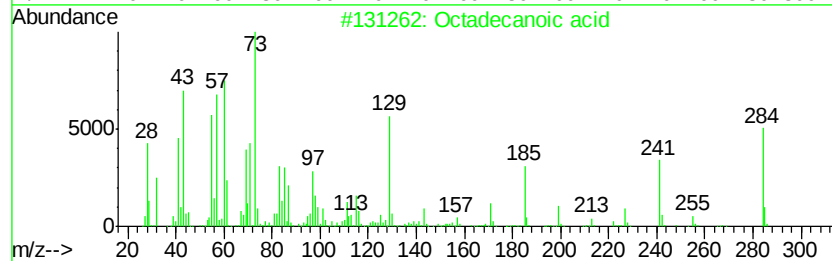
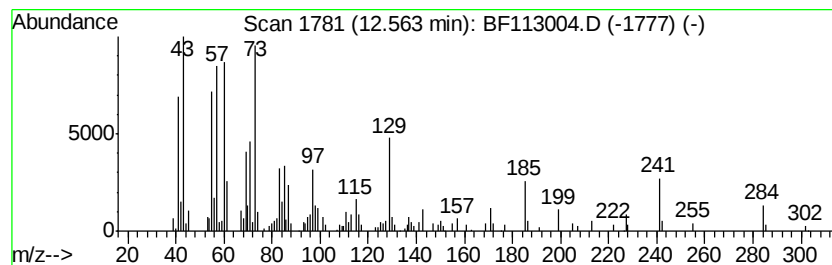
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.99 ng	217071	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113004.D
Acq On : 12 Mar 2019 15:50
Operator : JU/SJ
Sample : K1687-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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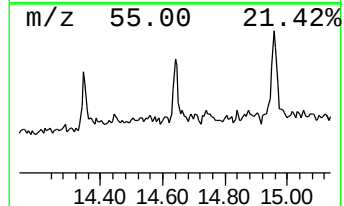
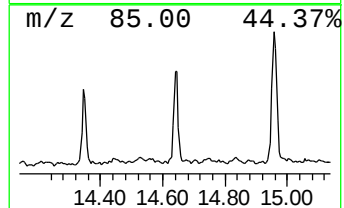
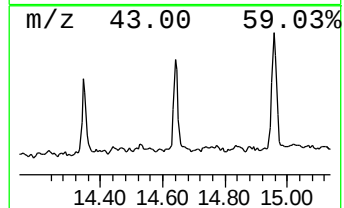
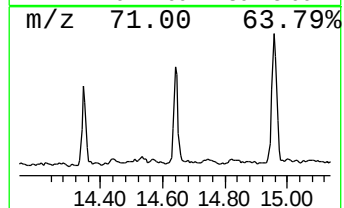
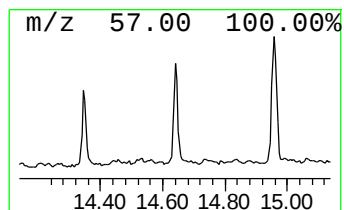
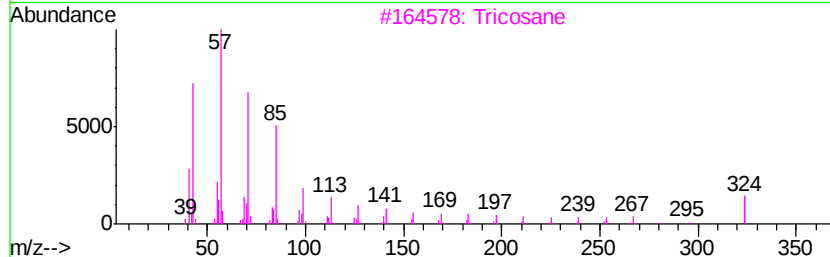
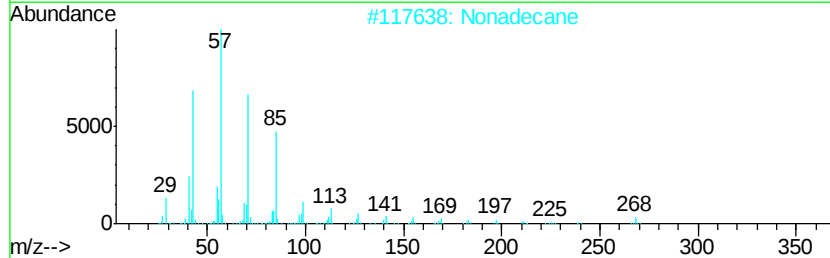
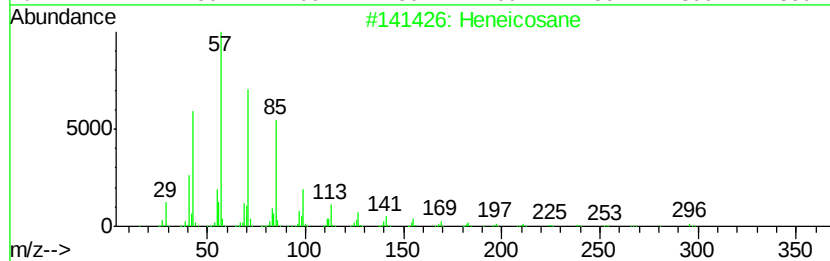
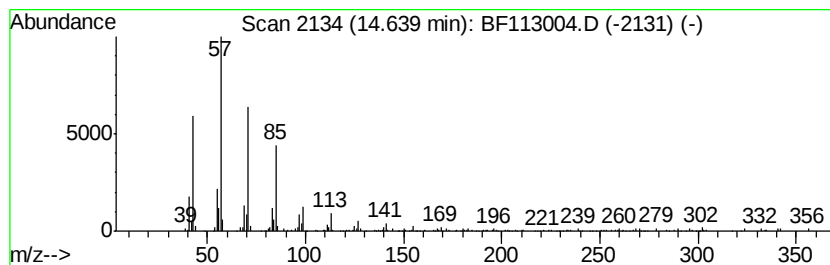
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.75 ng	205850	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Nonadecane	268	C19H40	000629-92-5	93
3		Tricosane	324	C23H48	000638-67-5	93
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113004.D
Acq On : 12 Mar 2019 15:50
Operator : JU/SJ
Sample : K1687-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-A

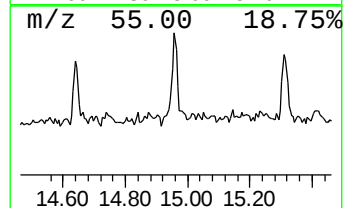
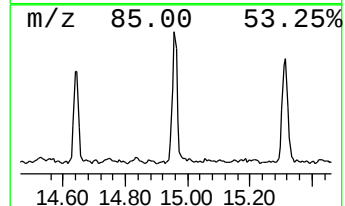
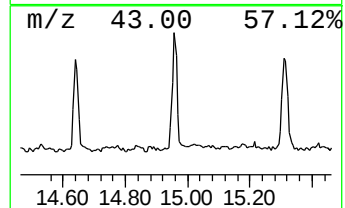
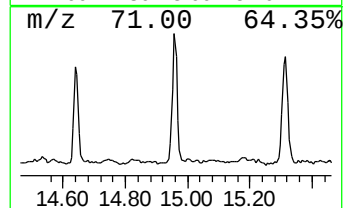
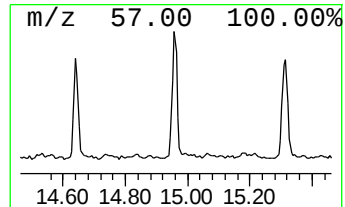
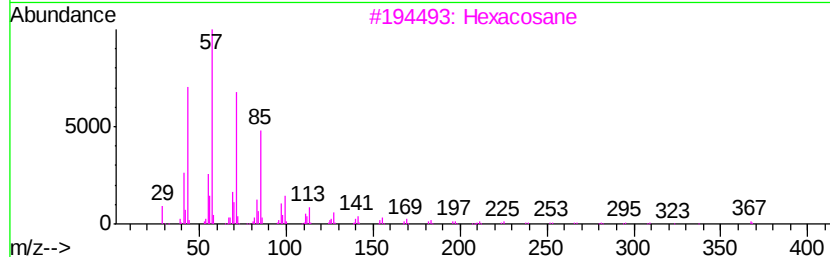
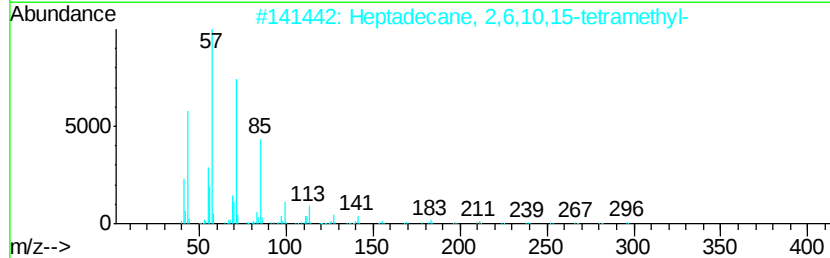
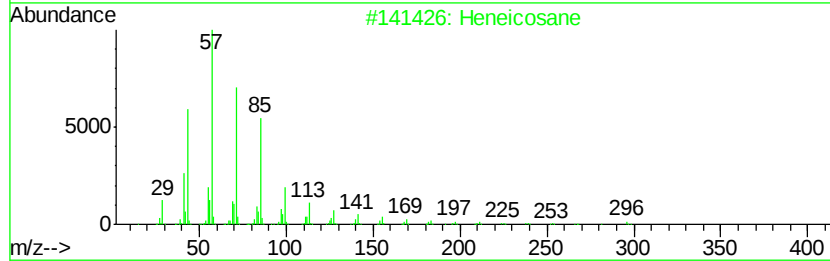
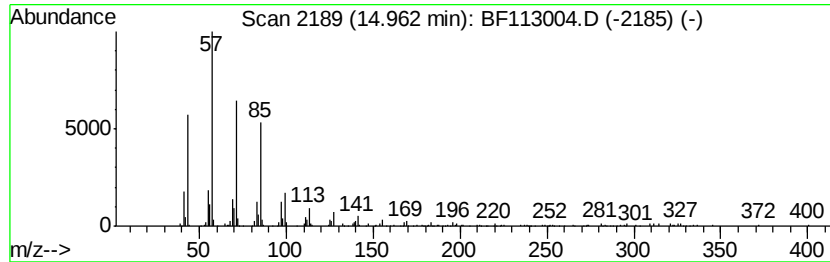
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.19 ng	221654	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113004.D
Acq On : 12 Mar 2019 15:50
Operator : JU/SJ
Sample : K1687-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-A

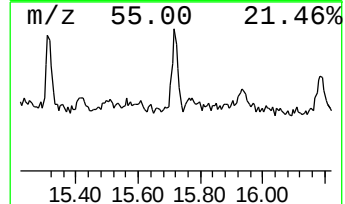
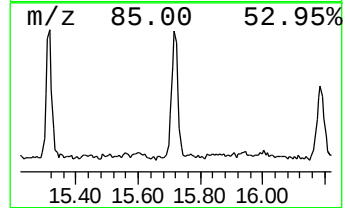
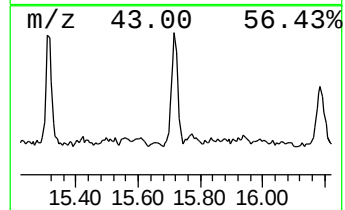
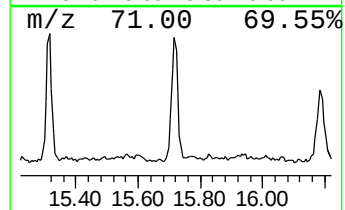
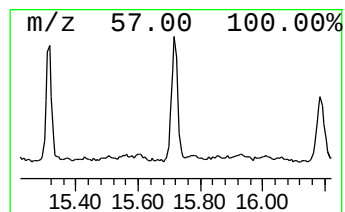
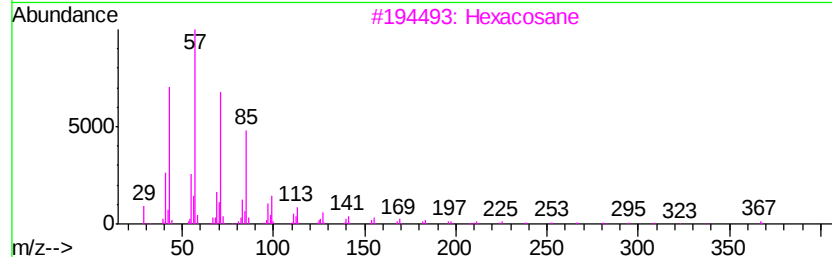
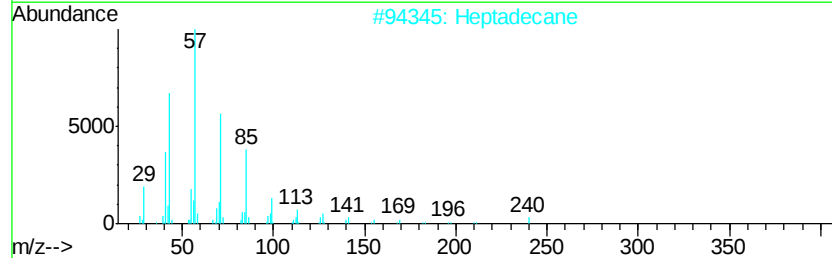
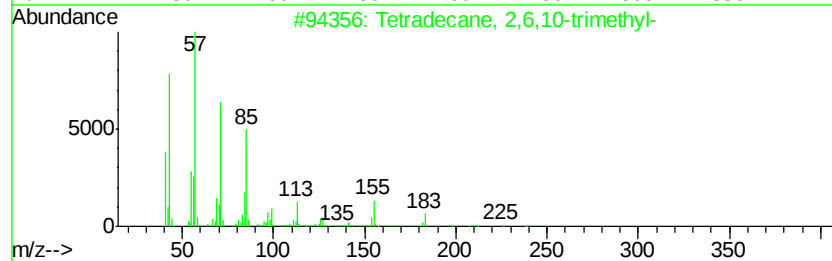
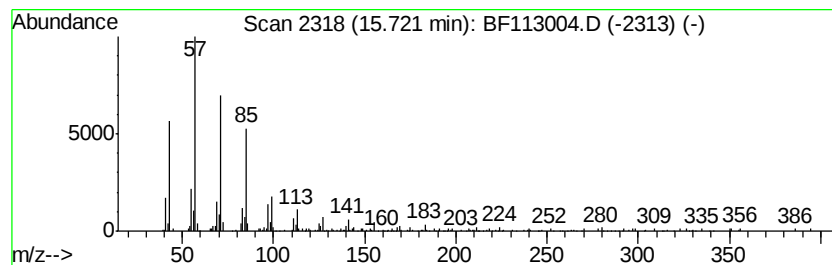
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetradecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.02 ng	251254	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2			Heptadecane	240	C17H36	000629-78-7	87
3			Hexacosane	366	C26H54	000630-01-3	86
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5			triacontane	422	C30H62	000638-68-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113004.D
 Acq On : 12 Mar 2019 15:50
 Operator : JU/SJ
 Sample : K1687-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-031119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	58.1	ng	1967710	1	6.73	676979	20.0
Decane	6.58	16.5	ng	557226	1	6.73	676979	20.0
Decane, 5-methyl-	7.02	6.5	ng	221416	1	6.73	676979	20.0
Benzene, 1,4-diet...	7.06	6.1	ng	206432	1	6.73	676979	20.0
Decane, 2-methyl-	7.09	4.9	ng	165747	1	6.73	676979	20.0
unknown7.13	7.13	8.0	ng	268970	1	6.73	676979	20.0
Undecane	7.35	33.7	ng	1141430	1	6.73	676979	20.0
Tridecane	8.62	11.4	ng	1210830	2	8.01	2131480	20.0
Tetradecane	9.18	21.9	ng	959965	3	9.76	877648	20.0
Pentadecane	9.71	11.2	ng	489692	3	9.76	877648	20.0
Hexadecane	10.20	6.3	ng	278013	3	9.76	877648	20.0
Heneicosane	10.67	8.3	ng	288857	4	11.24	698835	20.0
n-Hexadecanoic acid	11.77	11.4	ng	396859	4	11.24	698835	20.0
9,12-Octadecadien...	12.32	23.5	ng	820576	4	11.24	698835	20.0
16-Octadecenoic a...	12.34	18.1	ng	631300	4	11.24	698835	20.0
Octadecanoic acid	12.56	5.0	ng	217071	5	13.86	870174	20.0
Nonadecane	14.64	5.8	ng	205850	6	15.27	716227	20.0
Heptadecane, 2,6,...	14.96	6.2	ng	221654	6	15.27	716227	20.0
Tetradecane, 2,6,...	15.72	7.0	ng	251254	6	15.27	716227	20.0