

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
 Data File : BF113763.D
 Acq On : 15 Apr 2019 15:12
 Operator : JU/SJ
 Sample : K2407-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

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-BF040319.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	5.287	541	544	577	rBV	1668714	2232248	65.65%	3.974%
2	6.328	717	721	738	rBV	1898938	2424799	71.31%	4.317%
3	6.445	738	741	750	rVB	2430207	2365973	69.58%	4.212%
4	6.669	776	779	786	rVB	757825	748069	22.00%	1.332%
5	6.828	802	806	813	rBV	1977585	1837174	54.03%	3.271%
6	7.192	863	868	870	rBV3	42760	61072	1.80%	0.109%
7	7.239	873	876	884	rVV	1378027	1457415	42.86%	2.595%
8	7.316	884	889	893	rVB3	61787	126576	3.72%	0.225%
9	7.457	911	913	914	rVV	82396	63966	1.88%	0.114%
10	7.475	914	916	920	rVB	111826	98152	2.89%	0.175%
11	7.586	933	935	940	rVB4	117559	138840	4.08%	0.247%
12	7.716	952	957	959	rBV2	58953	86667	2.55%	0.154%
13	7.775	965	967	971	rVB2	69390	72740	2.14%	0.130%
14	7.839	971	978	980	rBV3	76032	124279	3.65%	0.221%
15	7.951	992	997	1001	rBV	941143	948117	27.88%	1.688%
16	8.022	1007	1009	1012	rVB	391462	265273	7.80%	0.472%
17	8.075	1016	1018	1021	rVB3	72095	60811	1.79%	0.108%
18	8.122	1022	1026	1030	rBV4	76108	115193	3.39%	0.205%
19	8.157	1030	1032	1035	rBV	118614	110467	3.25%	0.197%
20	8.239	1042	1046	1050	rBV6	107642	164522	4.84%	0.293%
21	8.304	1054	1057	1060	rVV5	74461	73614	2.16%	0.131%
22	8.339	1060	1063	1066	rVB5	96384	109372	3.22%	0.195%
23	8.380	1066	1070	1079	rBV	638796	865334	25.45%	1.541%
24	8.457	1079	1083	1086	rBV2	58414	97793	2.88%	0.174%
25	8.492	1086	1089	1091	rBV3	127580	124247	3.65%	0.221%
26	8.551	1096	1099	1102	rBV2	194585	221229	6.51%	0.394%
27	8.645	1112	1115	1118	rVB3	252536	306382	9.01%	0.545%
28	8.833	1144	1147	1149	rBV3	124741	113662	3.34%	0.202%
29	8.863	1150	1152	1156	rVB4	91263	104112	3.06%	0.185%
30	8.980	1169	1172	1175	rVB	914074	723104	21.27%	1.287%
31	9.027	1176	1180	1185	rVB	2925019	2572311	75.65%	4.580%
32	9.116	1190	1195	1199	rBV4	500111	696612	20.49%	1.240%
33	9.227	1212	1214	1217	rVB3	93972	76495	2.25%	0.136%
34	9.304	1224	1227	1229	rVB	132621	99666	2.93%	0.177%

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35	9.369	1235	1238	1240	rBV3	177517	184561	5.43%	0.329%
36	9.392	1240	1242	1243	rVV2	130336	107417	3.16%	0.191%
37	9.410	1243	1245	1246	rVV	398227	317374	9.33%	0.565%
38	9.433	1246	1249	1252	rVV2	1165812	1198895	35.26%	2.135%
39	9.492	1256	1259	1261	rVB2	137108	114758	3.37%	0.204%
40	9.522	1262	1264	1265	rBV2	94712	62476	1.84%	0.111%
41	9.539	1265	1267	1269	rVB	117499	79639	2.34%	0.142%
42	9.569	1269	1272	1277	rBV4	192588	300660	8.84%	0.535%
43	9.616	1277	1280	1282	rVB	385798	350697	10.31%	0.624%
44	9.645	1282	1285	1288	rBV	748543	662372	19.48%	1.179%
45	9.680	1288	1291	1292	rBV2	288121	229699	6.76%	0.409%
46	9.704	1292	1295	1299	rVB	1113872	999370	29.39%	1.779%
47	9.745	1300	1302	1304	rVB3	125328	96392	2.83%	0.172%
48	9.816	1311	1314	1317	rVB	211775	212796	6.26%	0.379%
49	9.869	1320	1323	1327	rVV5	196966	330510	9.72%	0.588%
50	9.904	1327	1329	1332	rVV3	345058	391525	11.51%	0.697%
51	9.969	1335	1340	1342	rVB2	425610	502504	14.78%	0.895%
52	10.027	1347	1350	1353	rBV2	173274	220596	6.49%	0.393%
53	10.110	1362	1364	1366	rBV2	136674	119612	3.52%	0.213%
54	10.139	1366	1369	1372	rVV	889738	811166	23.86%	1.444%
55	10.257	1384	1389	1395	rBV4	171308	453610	13.34%	0.808%
56	10.363	1403	1407	1410	rBV	968305	888732	26.14%	1.582%
57	10.445	1419	1421	1423	rBV2	151953	143177	4.21%	0.255%
58	10.474	1423	1426	1427	rVV	178726	145851	4.29%	0.260%
59	10.498	1427	1430	1434	rVB	1312049	1152712	33.90%	2.052%
60	10.627	1446	1452	1458	rVB	1580867	2402247	70.65%	4.277%
61	10.804	1480	1482	1484	rBV2	128501	122375	3.60%	0.218%
62	10.933	1502	1504	1505	rBV	162297	122359	3.60%	0.218%
63	11.057	1522	1525	1528	rBV	791721	726866	21.38%	1.294%
64	11.092	1528	1531	1537	rVB	882354	938002	27.59%	1.670%
65	11.186	1544	1547	1550	rBV	1114709	1087826	31.99%	1.937%
66	11.304	1565	1567	1569	rBV3	108865	82232	2.42%	0.146%
67	11.327	1569	1571	1573	rVB2	92968	65035	1.91%	0.116%
68	11.439	1587	1590	1594	rVB	209942	224159	6.59%	0.399%
69	11.486	1594	1598	1600	rVB	702685	634288	18.65%	1.129%
70	11.692	1630	1633	1634	rBV2	169338	148040	4.35%	0.264%
71	11.733	1634	1640	1645	rVB2	1458528	2286861	67.25%	4.072%

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72	11.892	1664	1667	1670	rBV	593371	521330	15.33%	0.928%
73	12.168	1711	1714	1717	rVB	143000	117606	3.46%	0.209%
74	12.239	1724	1726	1729	rVB2	112011	96736	2.84%	0.172%
75	12.274	1729	1732	1735	rVB	526813	431374	12.69%	0.768%
76	12.404	1750	1754	1757	rBV	522514	581817	17.11%	1.036%
77	12.515	1766	1773	1783	rBV	2118103	3400298	100.00%	6.054%
78	12.627	1787	1792	1794	rBV	517788	561475	16.51%	1.000%
79	12.768	1812	1816	1819	rBV	2906755	2663486	78.33%	4.742%
80	12.963	1846	1849	1851	rVB	81704	76420	2.25%	0.136%
81	12.998	1852	1855	1858	rVV	169615	151857	4.47%	0.270%
82	13.027	1858	1860	1863	rVV	79455	68953	2.03%	0.123%
83	13.063	1864	1866	1871	rVB3	53975	72715	2.14%	0.129%
84	13.339	1910	1913	1916	rVB2	139223	123957	3.65%	0.221%
85	13.668	1965	1969	1972	rVB2	126132	128831	3.79%	0.229%
86	13.827	1989	1996	1998	rBV2	877371	1135547	33.40%	2.022%
87	13.851	1998	2000	2009	rVV	264858	323873	9.52%	0.577%
88	13.980	2018	2022	2030	rBV	250194	280622	8.25%	0.500%
89	14.215	2058	2062	2066	rBV2	56396	84832	2.49%	0.151%
90	14.286	2070	2074	2077	rVB	511142	478537	14.07%	0.852%
91	14.580	2119	2124	2130	rVB	835545	855296	25.15%	1.523%
92	14.845	2165	2169	2171	rBV	247317	312973	9.20%	0.557%
93	14.886	2171	2176	2184	rVV2	861871	1144063	33.65%	2.037%
94	15.121	2213	2216	2220	rVB	152632	162012	4.76%	0.288%
95	15.180	2222	2226	2230	rVV	213912	249857	7.35%	0.445%
96	15.233	2230	2235	2249	rVB	1320096	1799507	52.92%	3.204%
97	15.627	2296	2302	2308	rBV	467136	712573	20.96%	1.269%
98	16.074	2372	2378	2388	rVB	241016	435263	12.80%	0.775%
99	16.603	2463	2468	2478	rVB2	178294	383068	11.27%	0.682%
100	17.021	2533	2539	2548	rBV	90445	208718	6.14%	0.372%

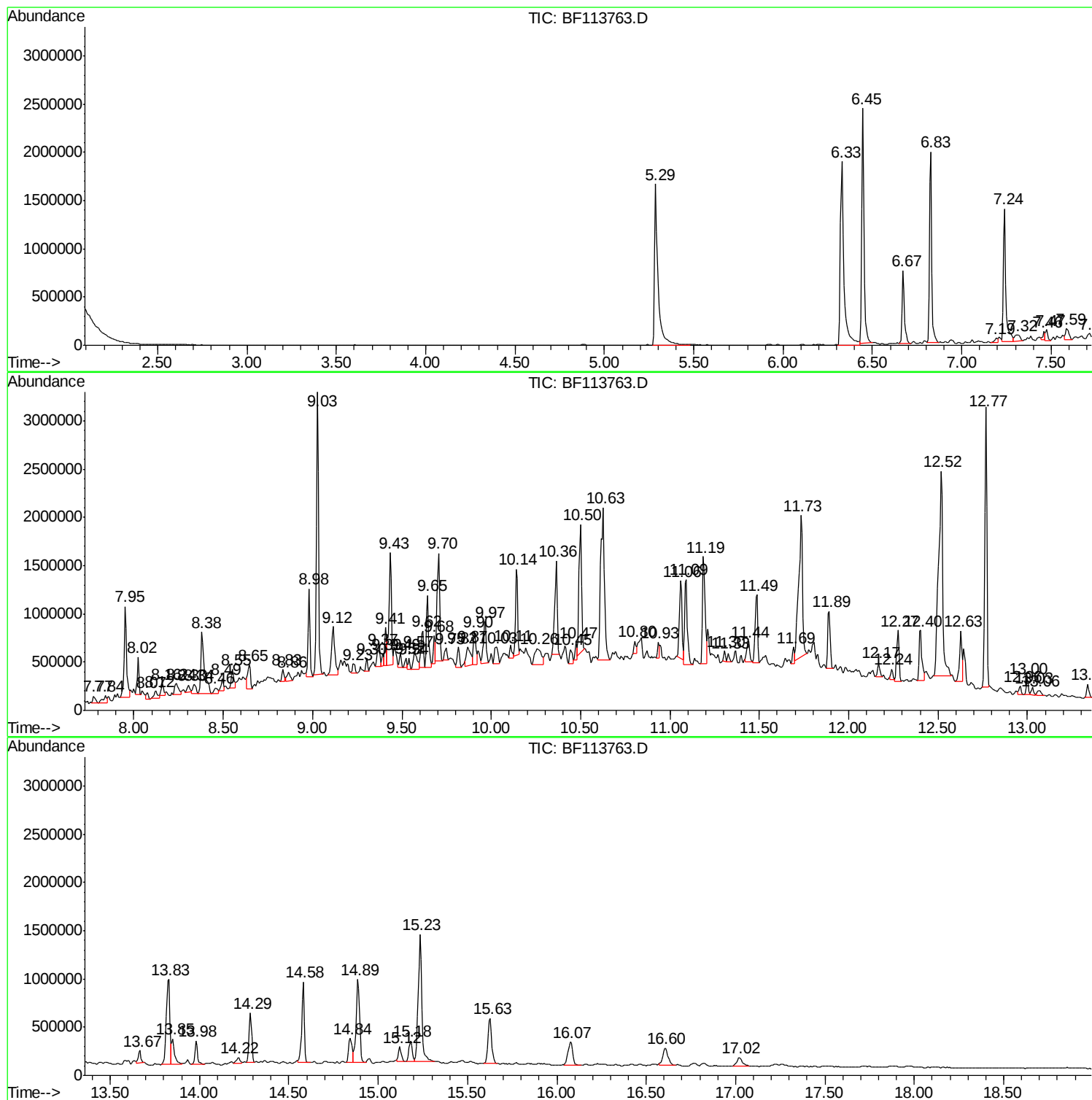
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Instrument :
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ClientSampled :
TP-11-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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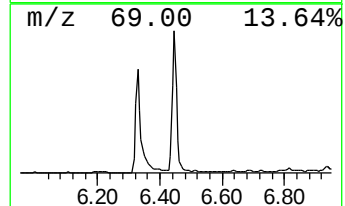
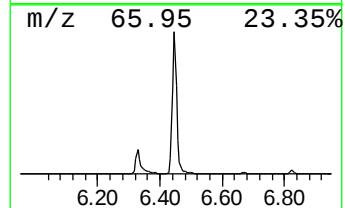
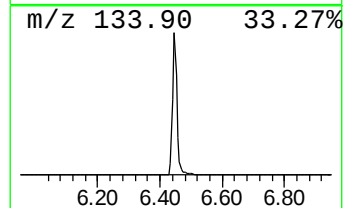
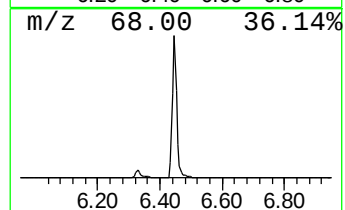
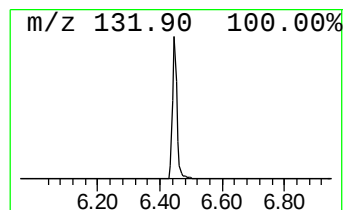
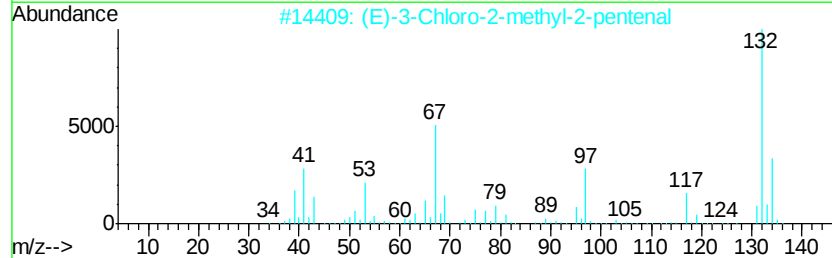
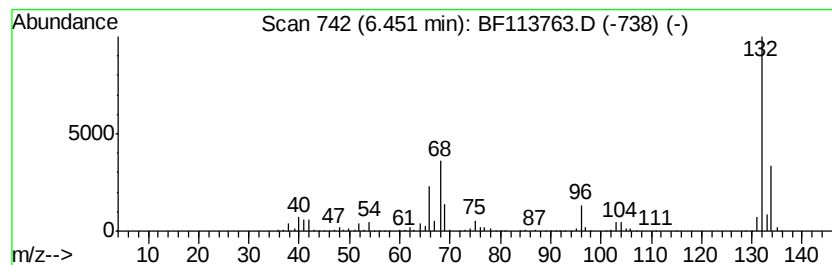
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	63.26 ng	2365970	1,4-Dichlorobenzene-d4	6.67

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	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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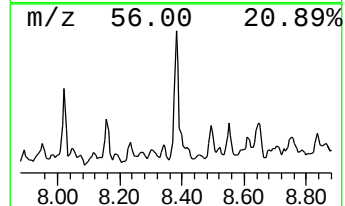
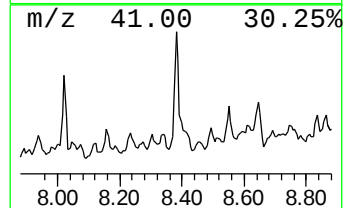
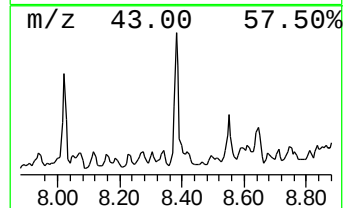
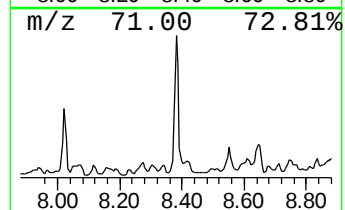
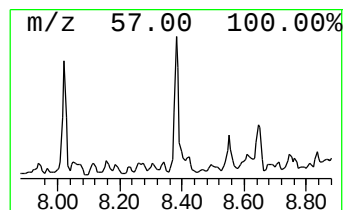
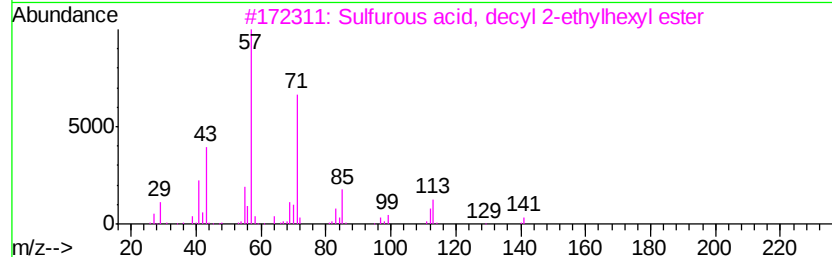
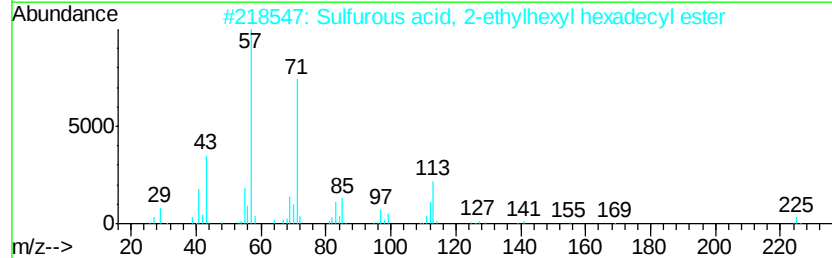
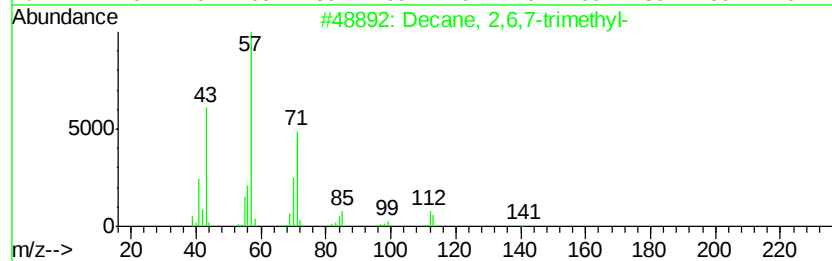
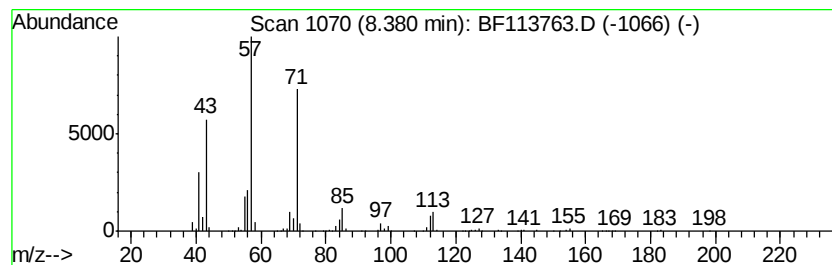
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	18.25 ng	865334	Napthalene-d8	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	80
3		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64



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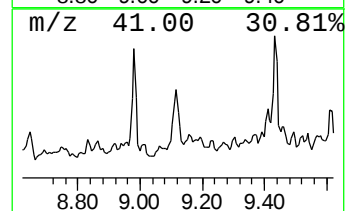
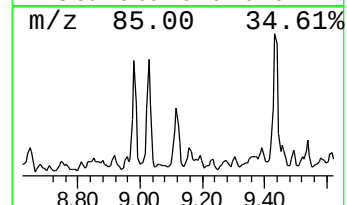
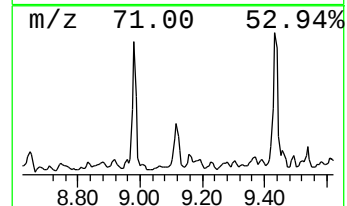
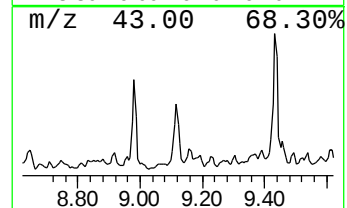
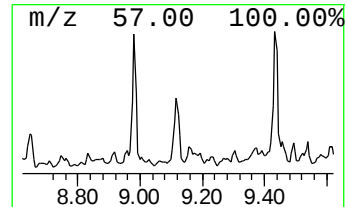
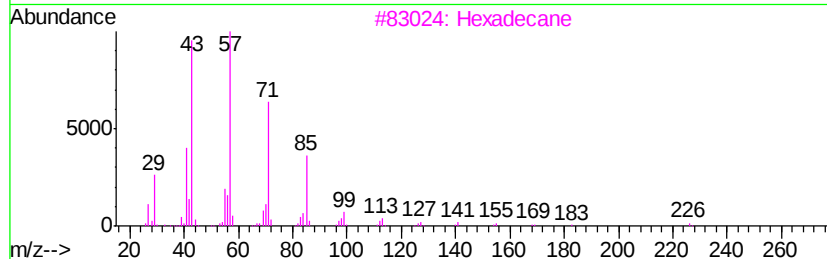
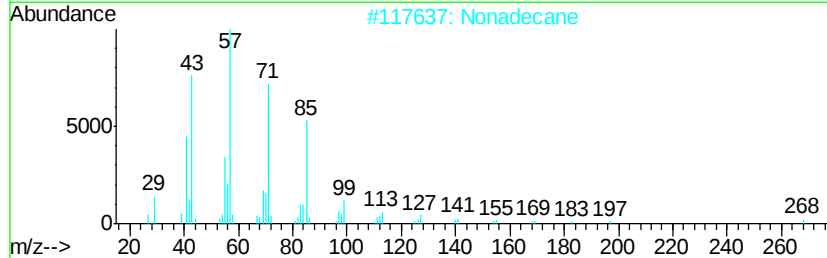
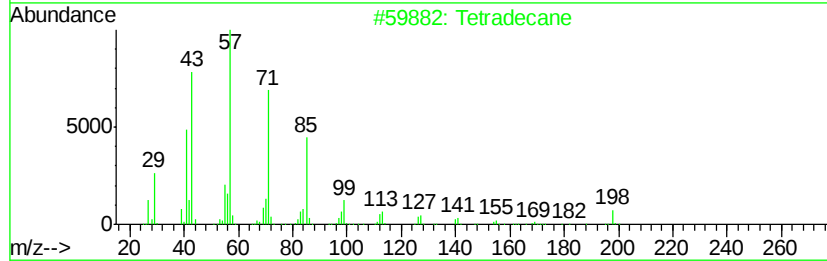
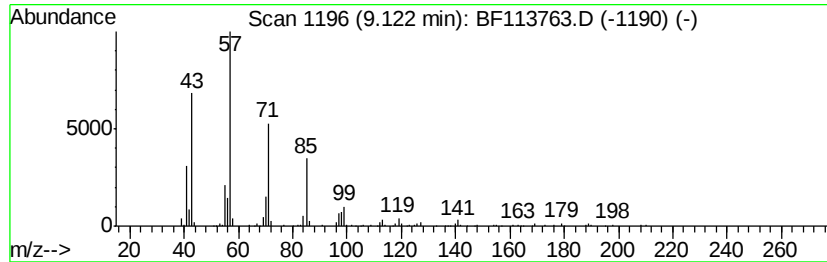
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Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	13.94 ng	696612	Acenaphthene-d10	9.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Nonadecane	268	C19H40	000629-92-5	83
3			Hexadecane	226	C16H34	000544-76-3	80
4			9-methylheptadecane	254	C18H38	026741-18-4	78
5			Tridecane	184	C13H28	000629-50-5	72



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Operator : JU/SJ
Sample : K2407-03
Misc :
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Instrument :
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ClientSampleId :
TP-11-S

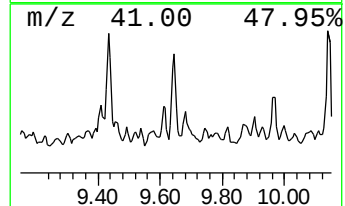
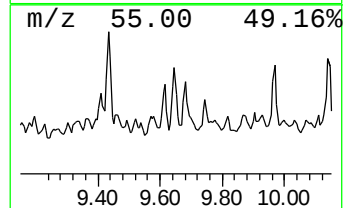
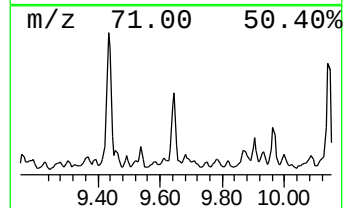
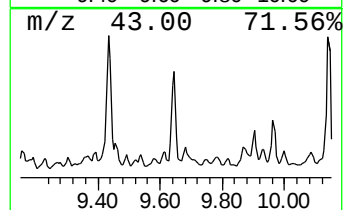
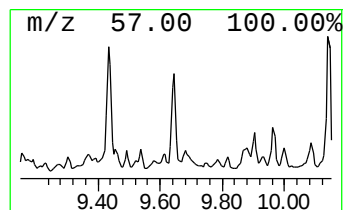
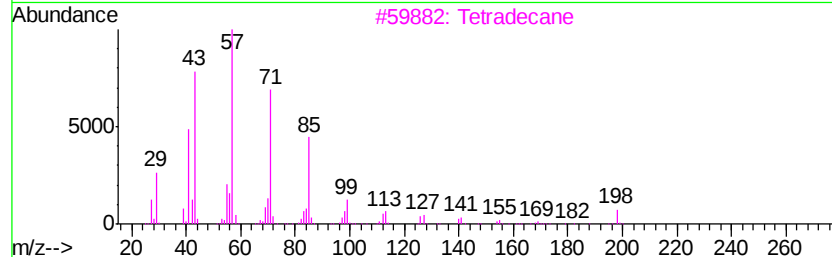
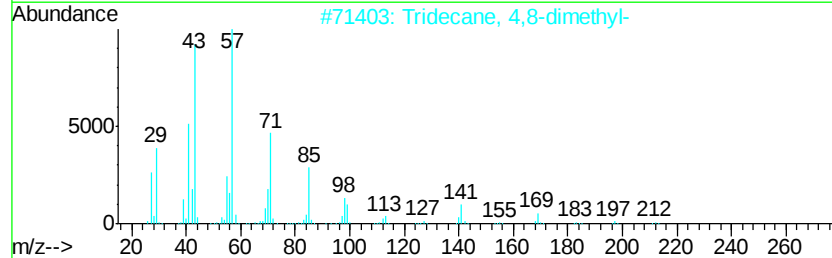
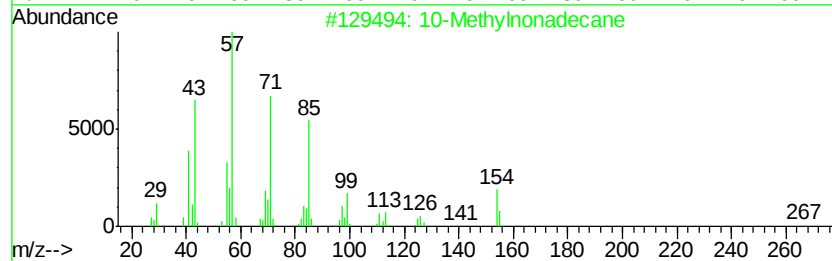
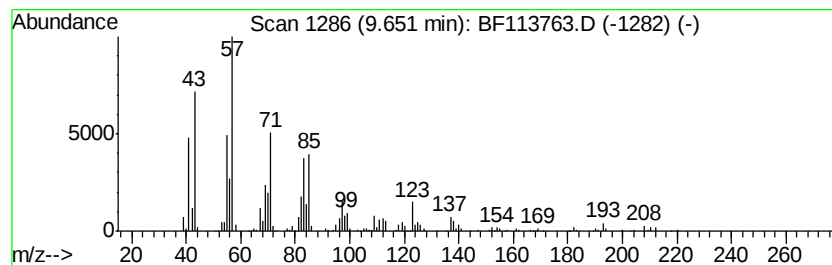
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 10-Methylnonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	13.26 ng	662372	Acenaphthene-d10	9.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		10-Methylnonadecane	282	C20H42	056862-62-5	90
2		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
Acq On : 15 Apr 2019 15:12
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Sample : K2407-03
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BNA_F
ClientSampleId :
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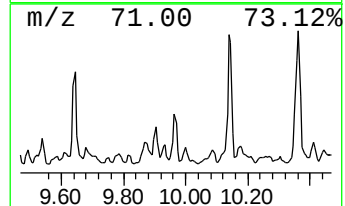
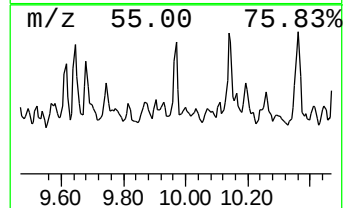
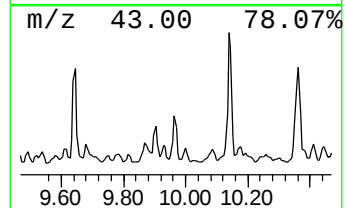
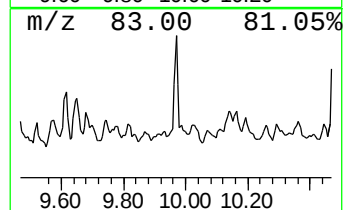
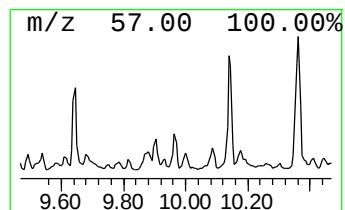
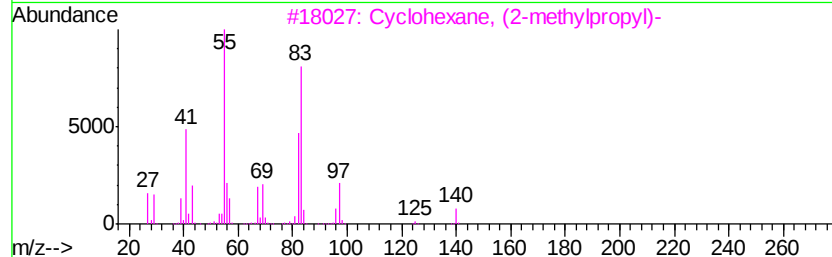
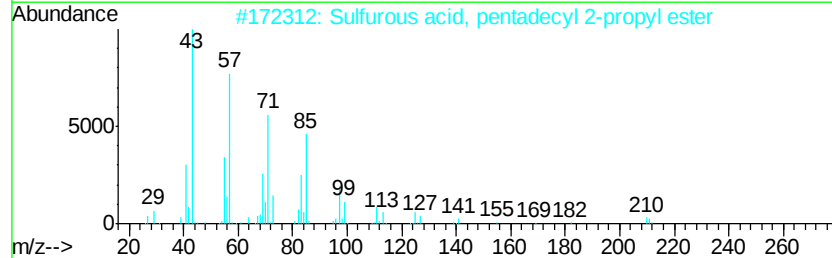
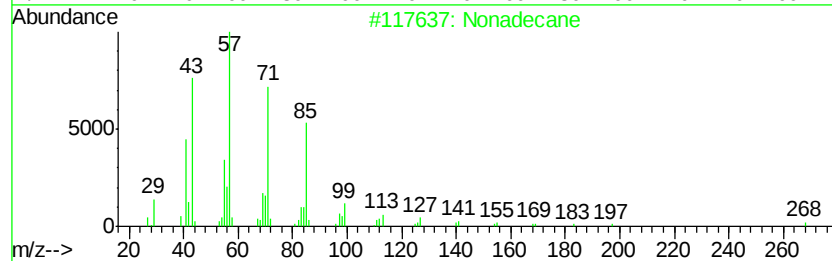
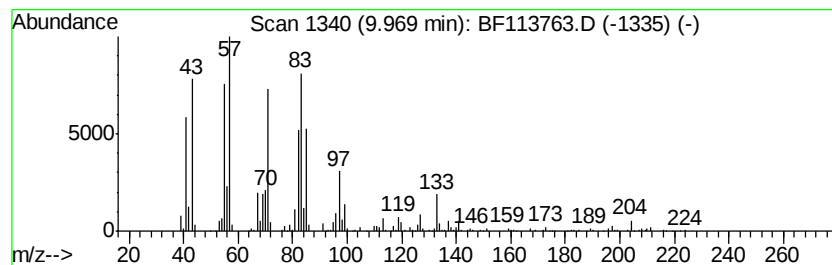
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.97 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	10.06 ng	502504	Acenaphthene-d10	9.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	49
2		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	49
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
4		Tetratetracontane	619	C44H90	007098-22-8	43
5		Hexacosane	366	C26H54	000630-01-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
Acq On : 15 Apr 2019 15:12
Operator : JU/SJ
Sample : K2407-03
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Instrument :
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ClientSampleId :
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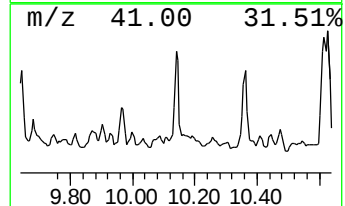
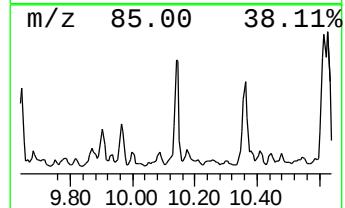
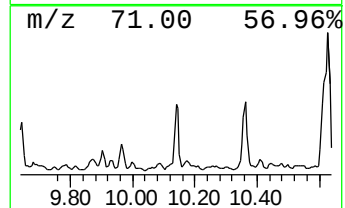
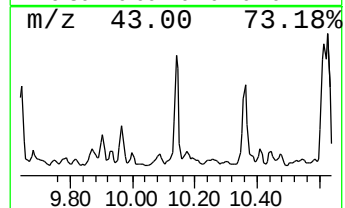
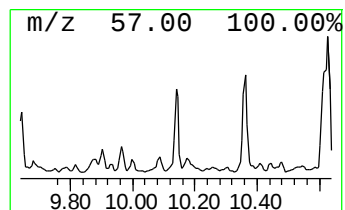
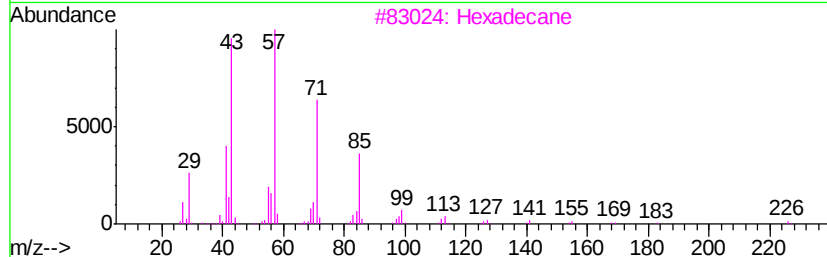
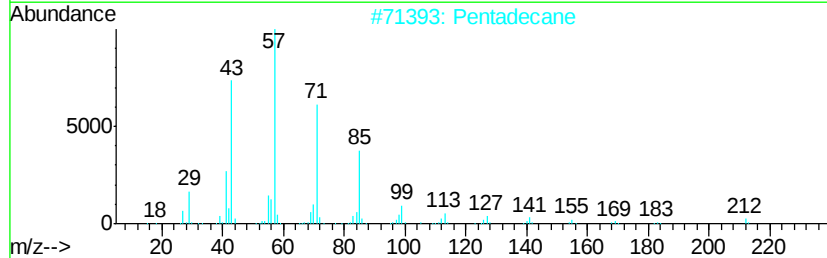
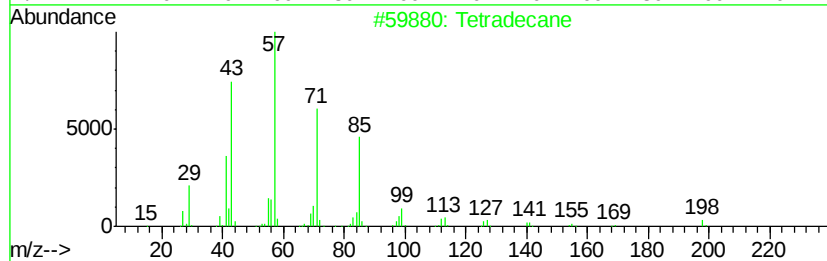
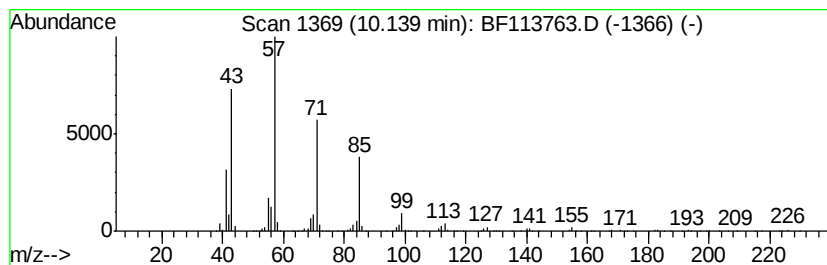
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	16.23 ng	811166	Acenaphthene-d10	9.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	87
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
Acq On : 15 Apr 2019 15:12
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Sample : K2407-03
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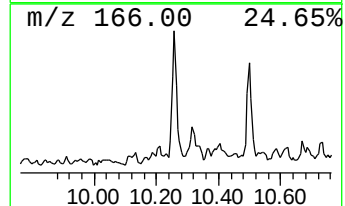
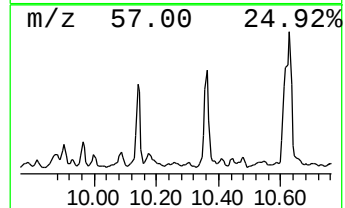
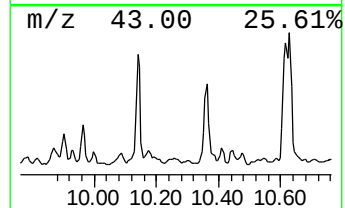
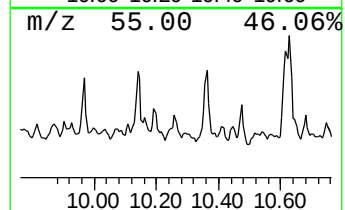
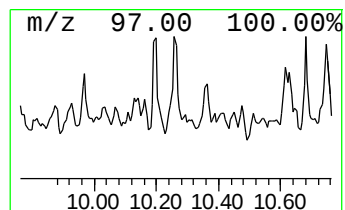
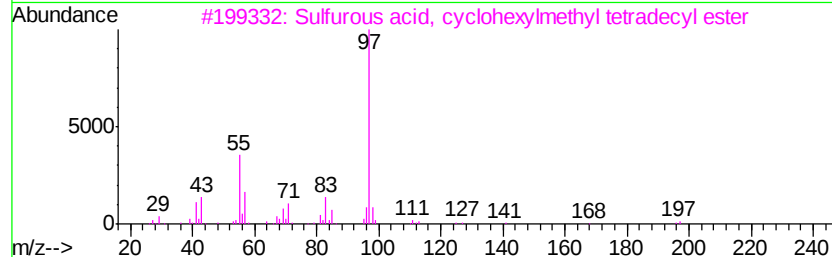
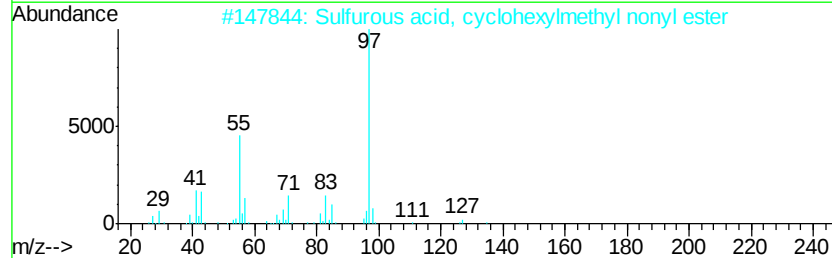
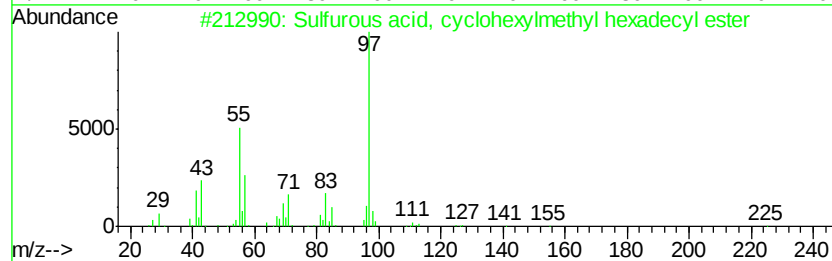
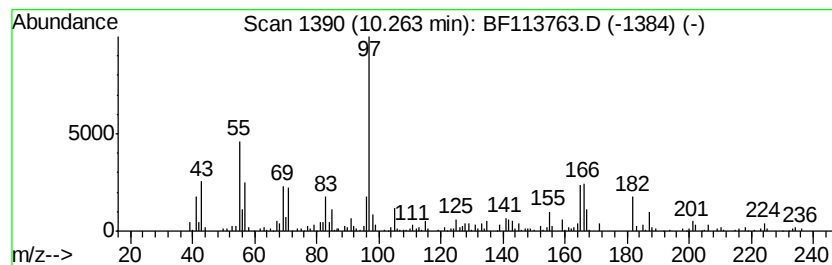
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.26 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.26	9.08 ng	453610	Acenaphthene-d10	9.70		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	47
2		Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	43
3		Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	43
4		Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	38
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
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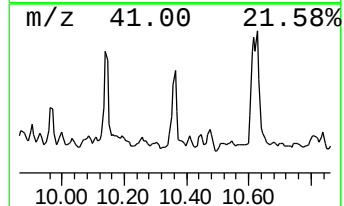
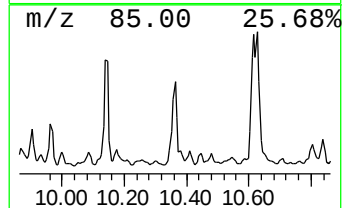
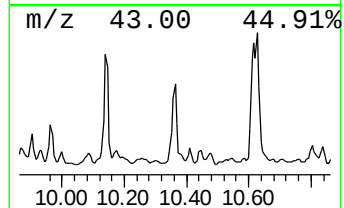
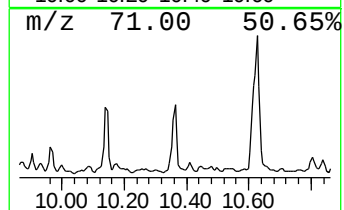
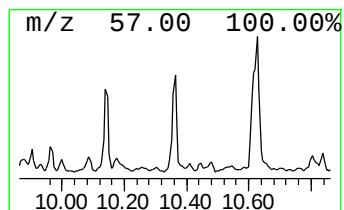
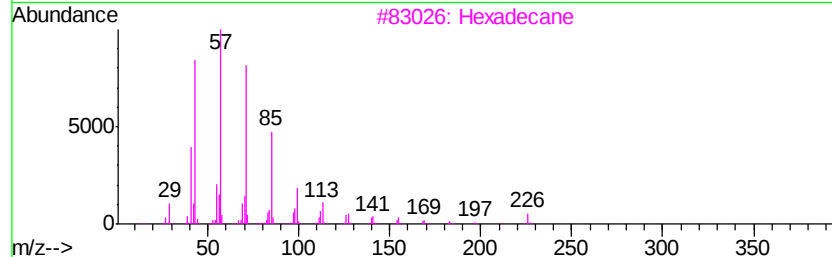
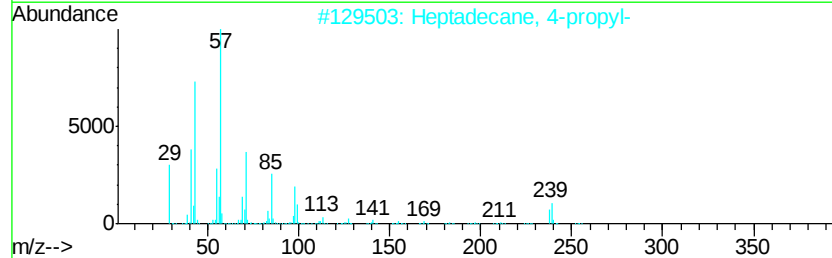
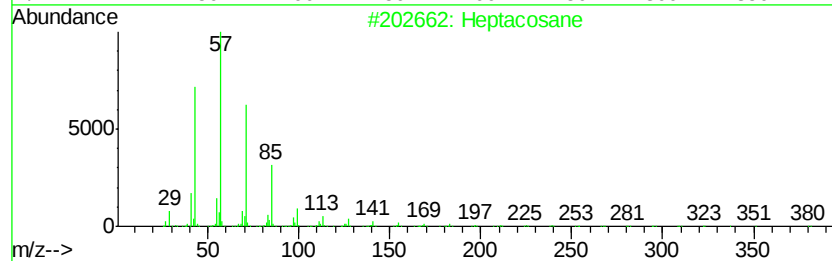
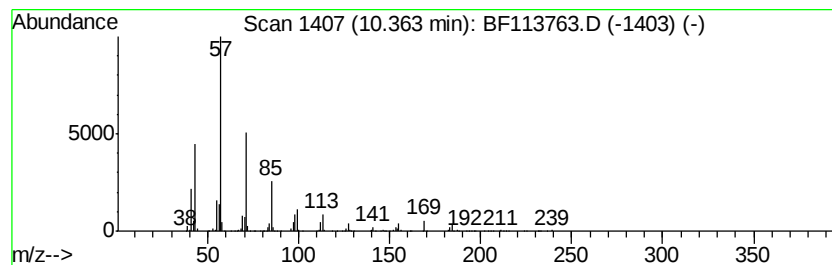
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	17.79 ng	888732	Acenaphthene-d10	9.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	86
2	Heptadecane, 4-propyl-	282 C20H42	055044-10-5	78
3	Hexadecane	226 C16H34	000544-76-3	72
4	Tetracosane	338 C24H50	000646-31-1	64
5	Heneicosane	296 C21H44	000629-94-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
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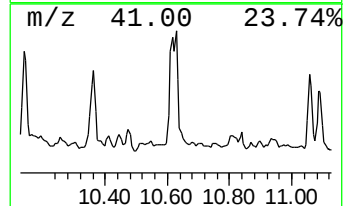
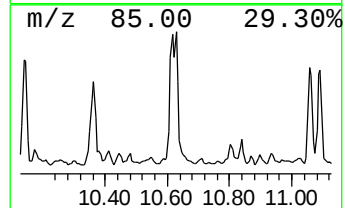
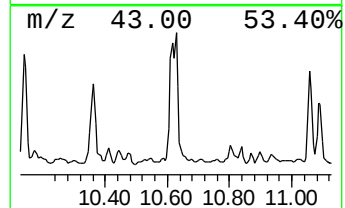
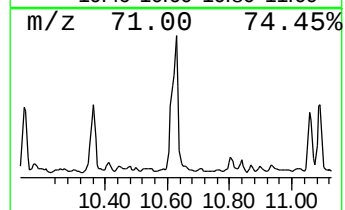
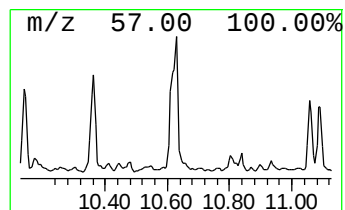
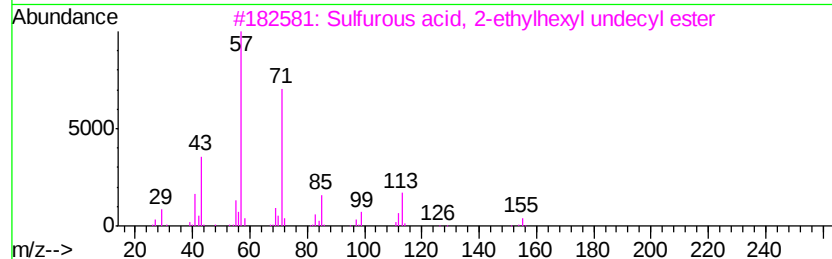
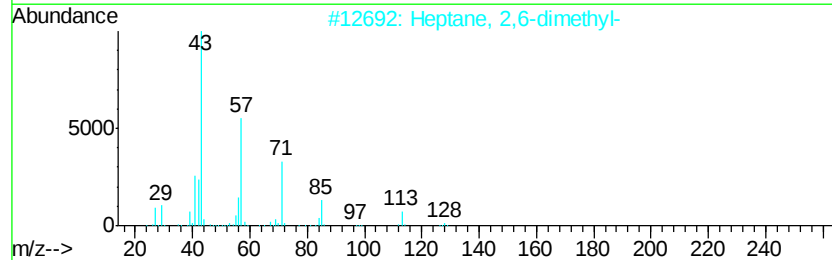
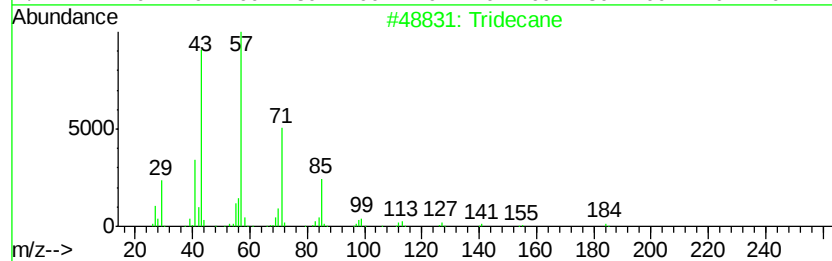
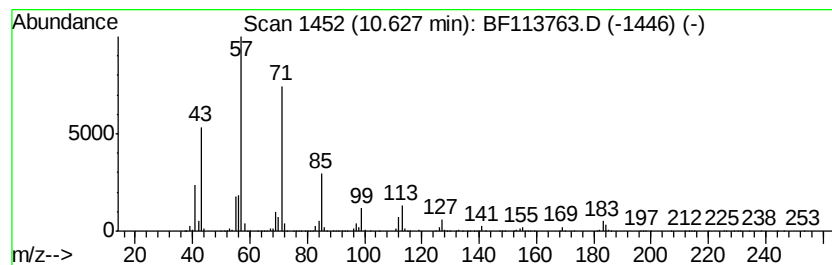
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 10 Heptane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	44.17 ng	2402250	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	80
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
3		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
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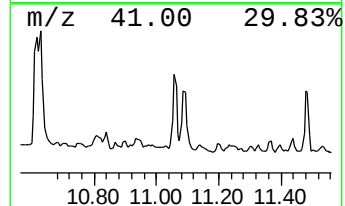
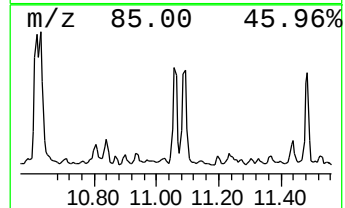
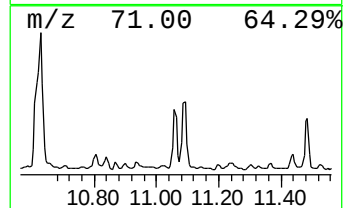
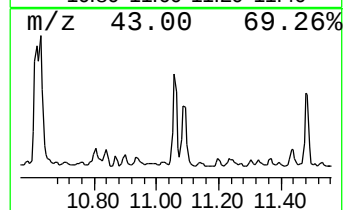
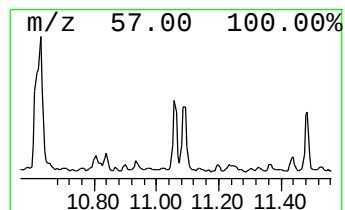
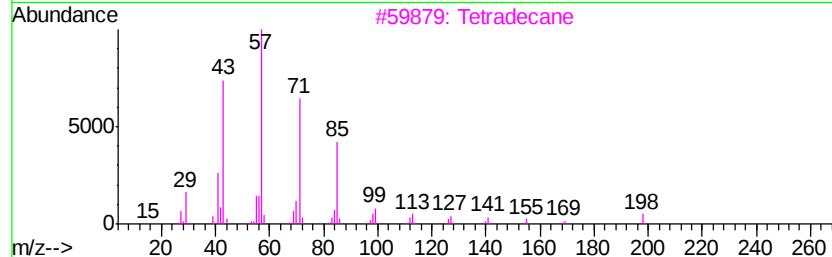
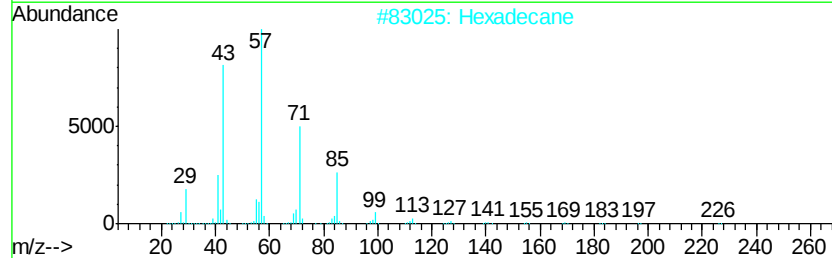
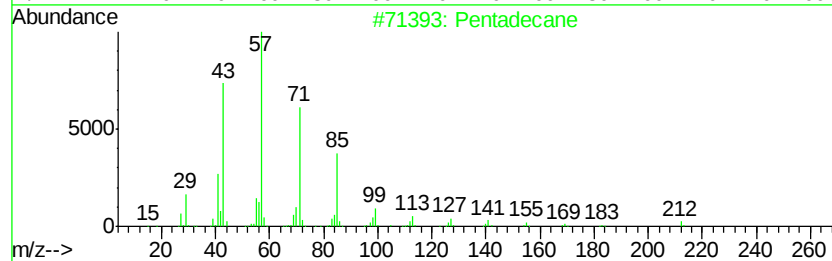
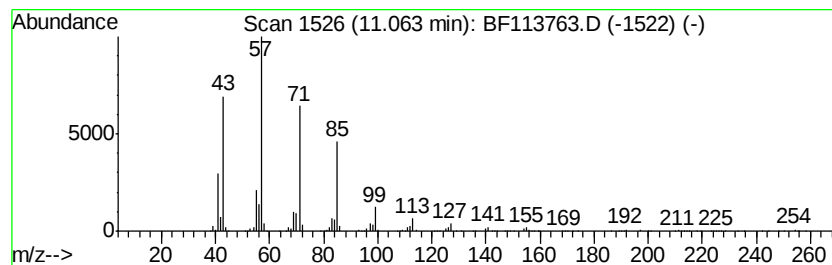
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	13.36 ng	726866	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
Acq On : 15 Apr 2019 15:12
Operator : JU/SJ
Sample : K2407-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-11-S

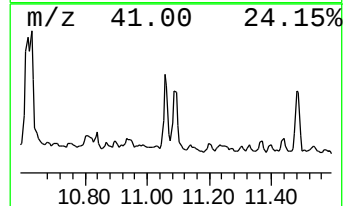
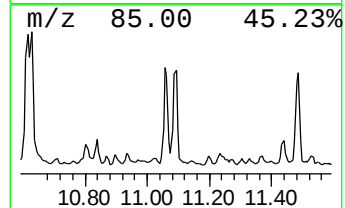
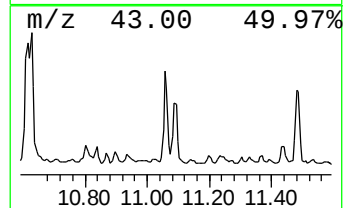
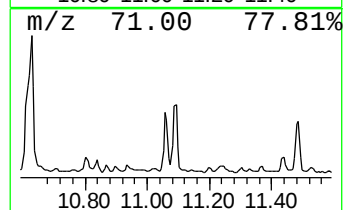
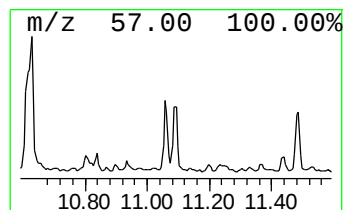
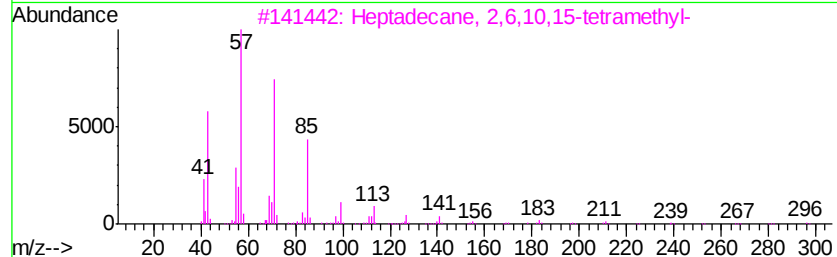
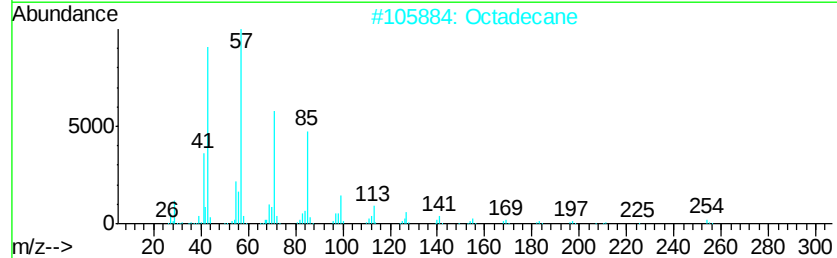
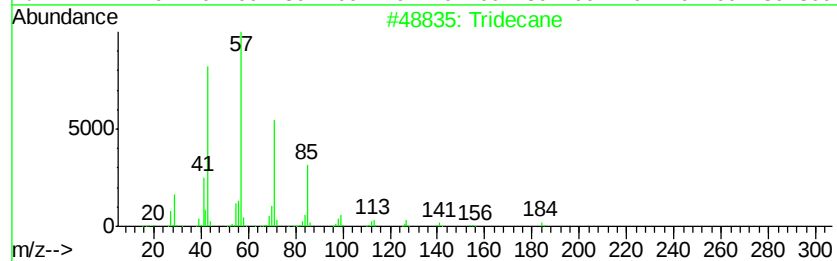
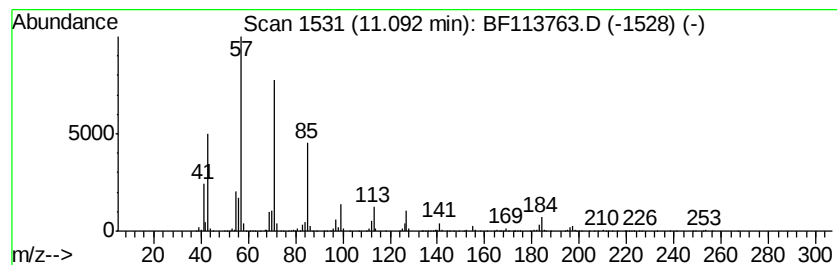
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	17.25 ng	938002	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Octadecane	254	C18H38	000593-45-3	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4		Heptacosane	380	C27H56	000593-49-7	86
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
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Sample : K2407-03
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ClientSampleId :
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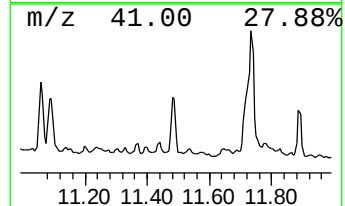
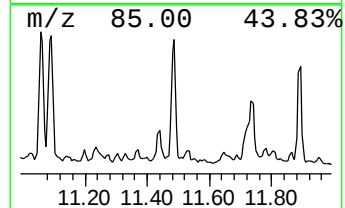
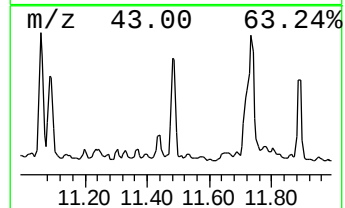
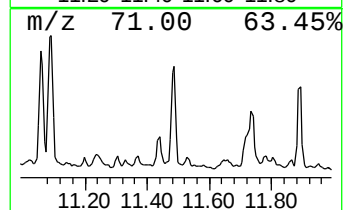
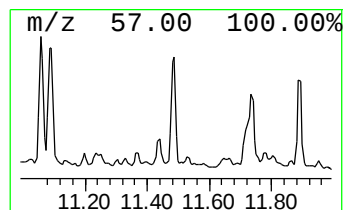
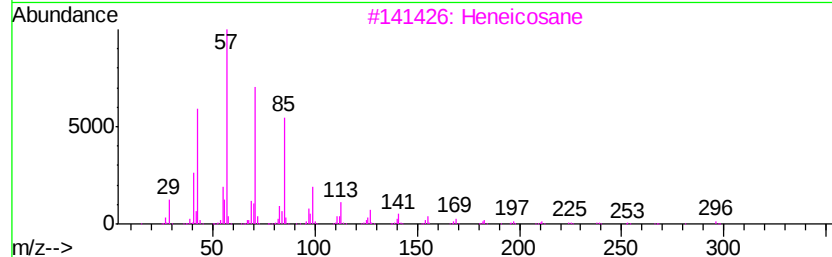
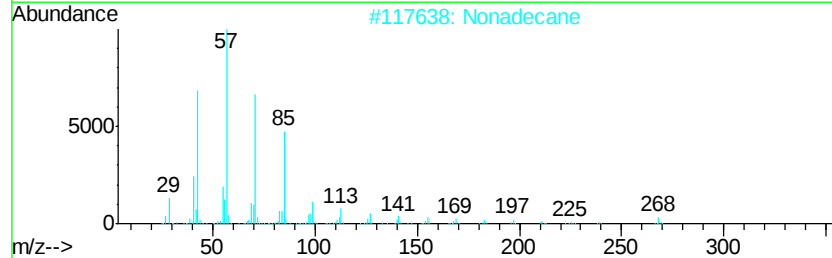
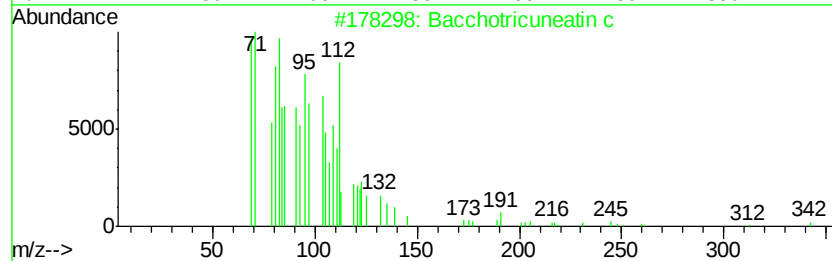
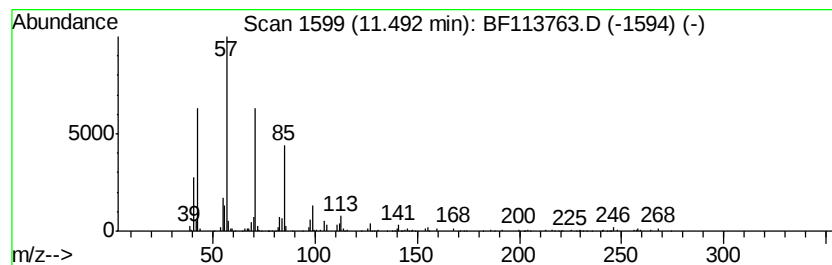
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	11.66 ng	634288	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2		Nonadecane	268	C19H40	000629-92-5	97
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
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Misc :
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ClientSampleId :
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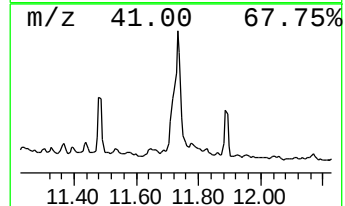
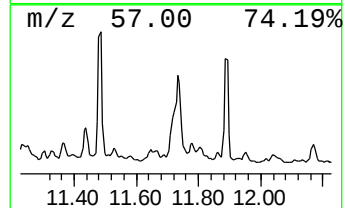
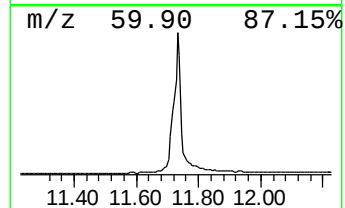
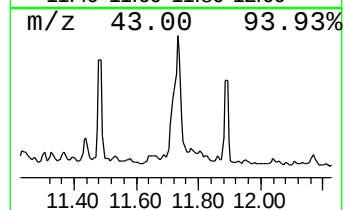
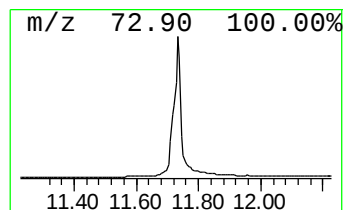
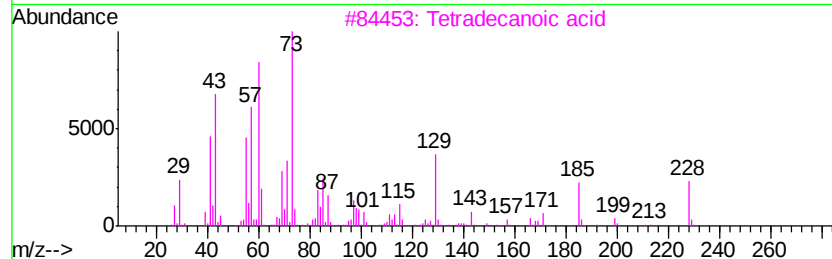
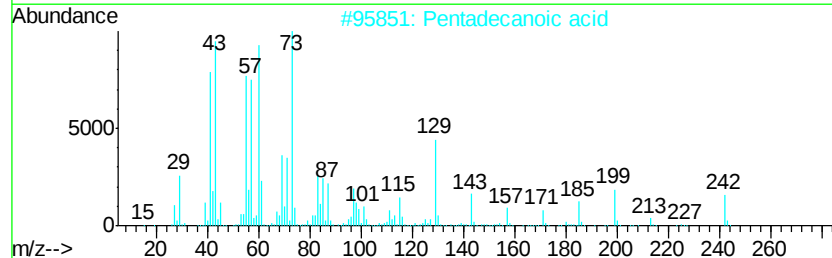
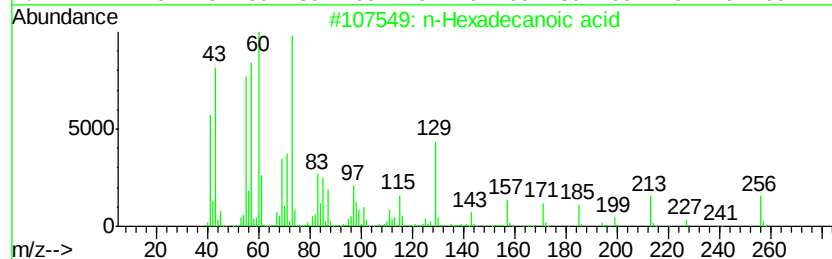
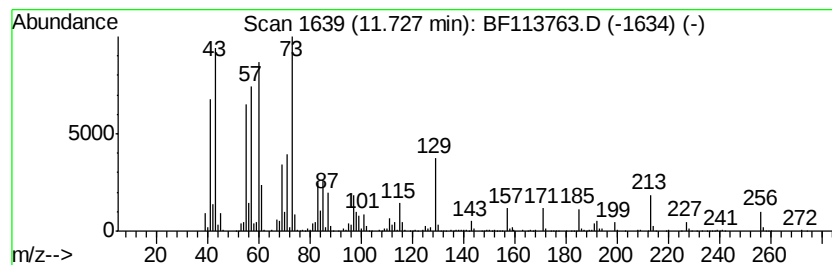
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	42.04 ng	2286860	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Nonanoic acid	158	C9H18O2	000112-05-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
Acq On : 15 Apr 2019 15:12
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Misc :
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Instrument :
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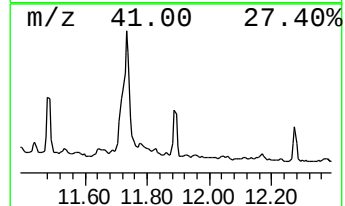
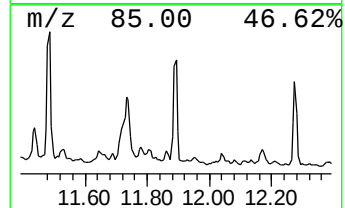
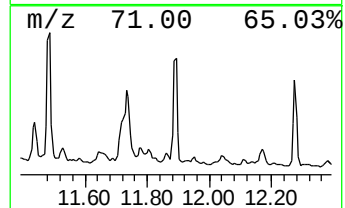
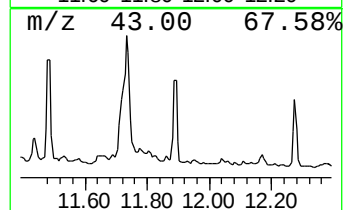
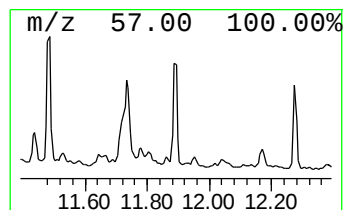
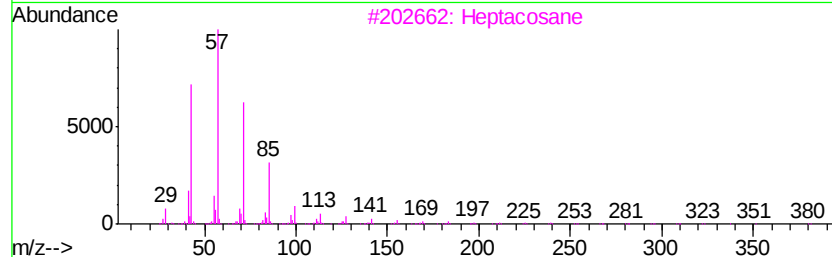
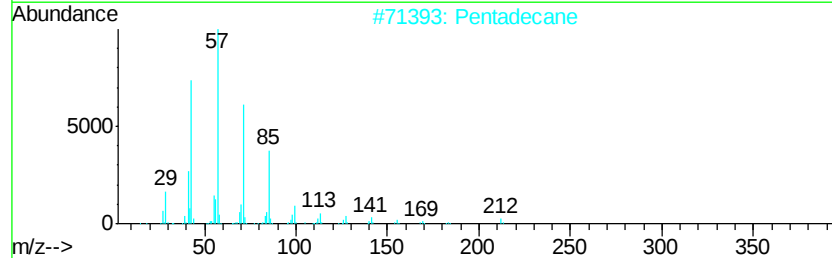
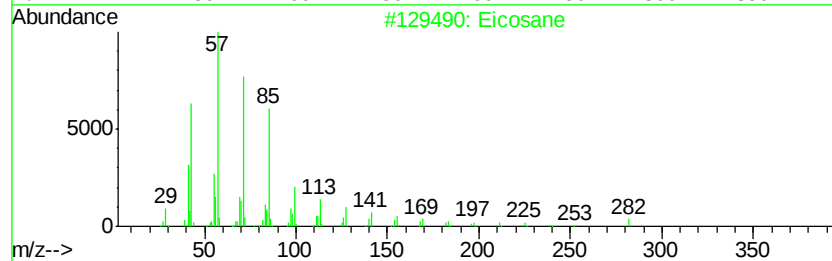
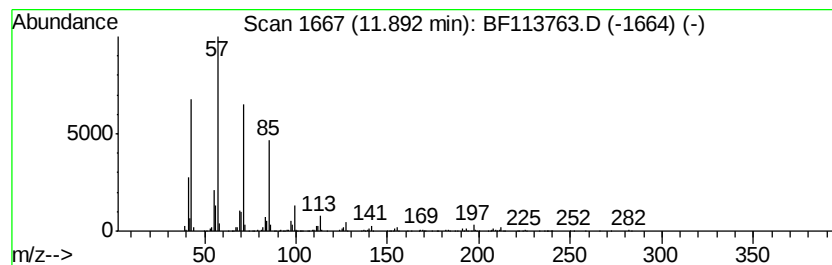
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	9.58 ng	521330	Phenanthrene-d10	11.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Pentadecane	212	C15H32	000629-62-9	96
3			Heptacosane	380	C27H56	000593-49-7	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
Acq On : 15 Apr 2019 15:12
Operator : JU/SJ
Sample : K2407-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

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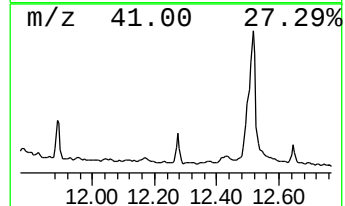
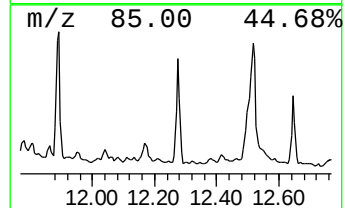
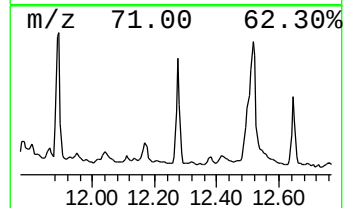
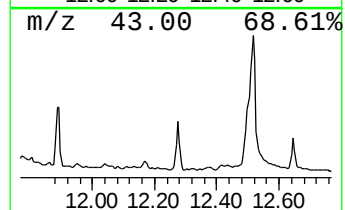
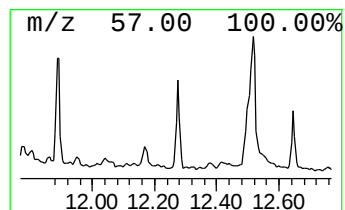
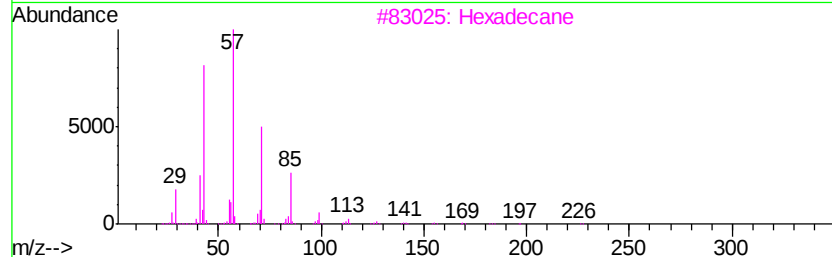
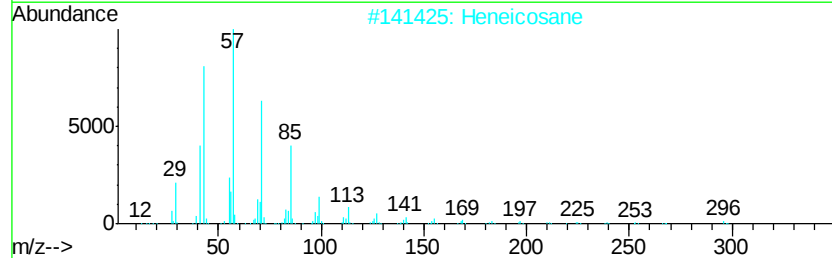
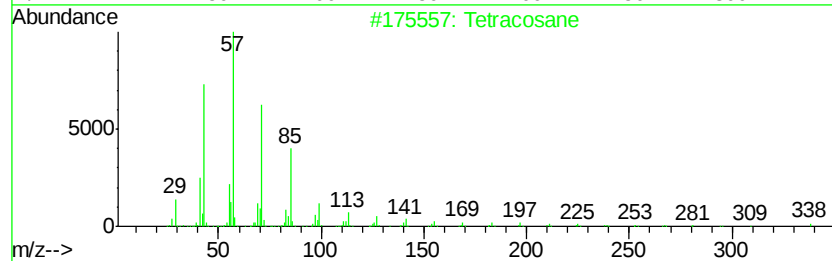
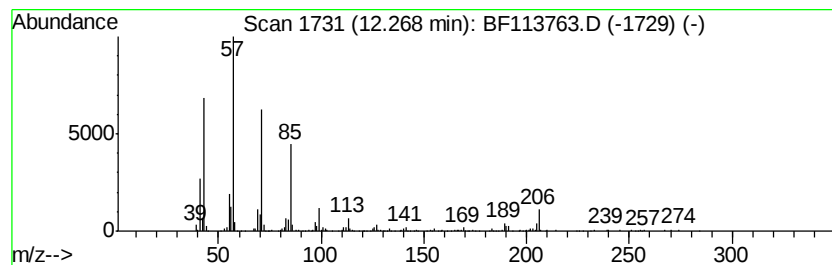
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	7.93 ng	431374	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Eicosane	282	C20H42	000112-95-8	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
Acq On : 15 Apr 2019 15:12
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Misc :
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ClientSampleId :
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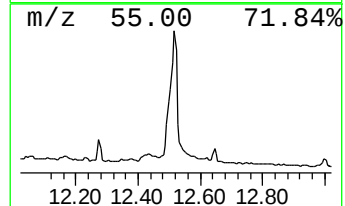
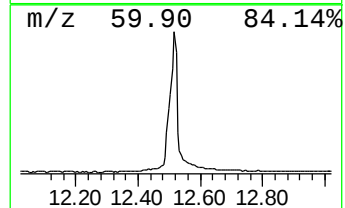
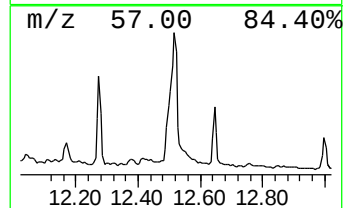
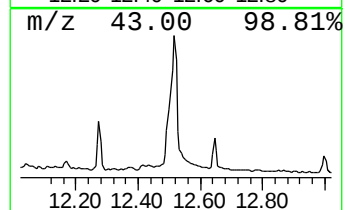
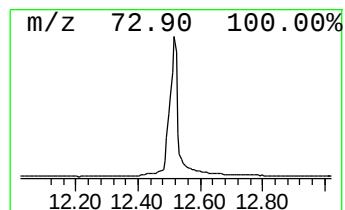
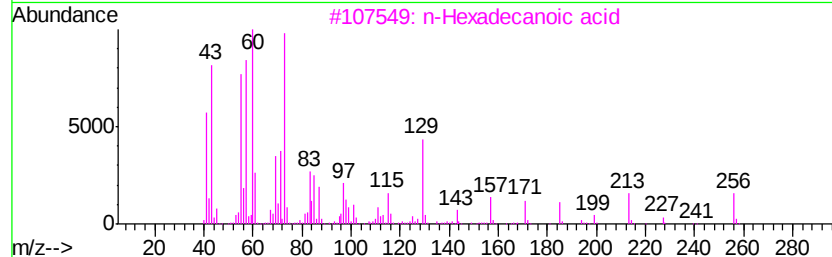
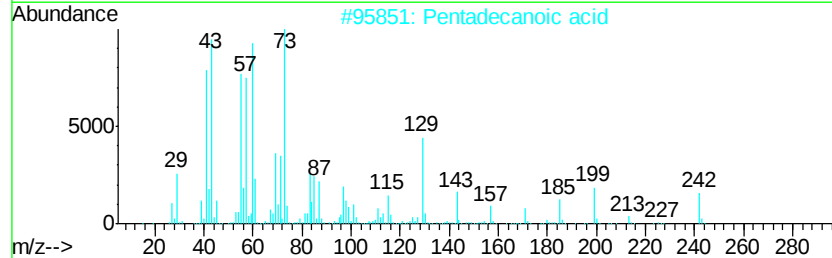
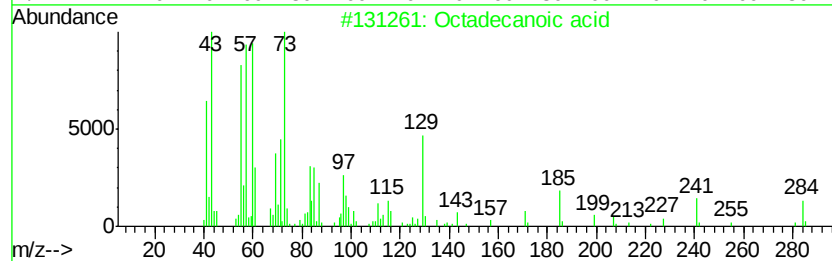
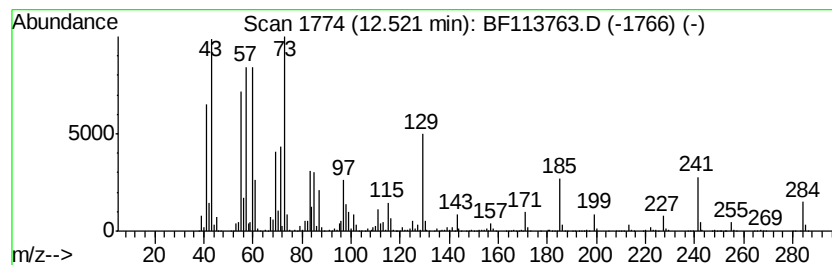
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	59.89 ng	3400300	Chrysene-d12	13.83

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	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
Acq On : 15 Apr 2019 15:12
Operator : JU/SJ
Sample : K2407-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

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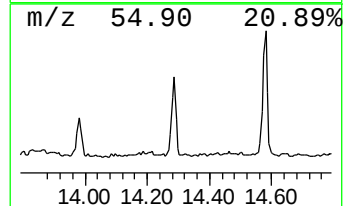
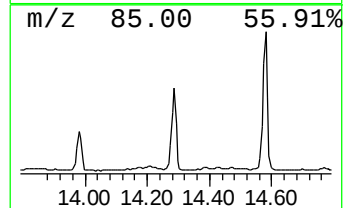
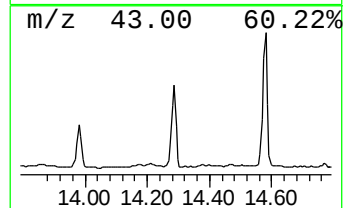
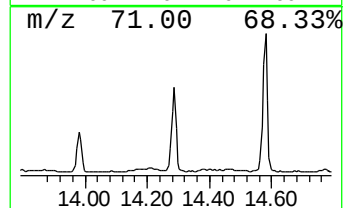
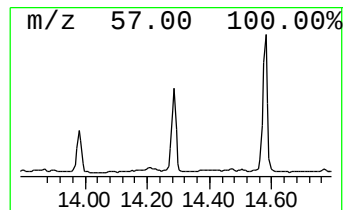
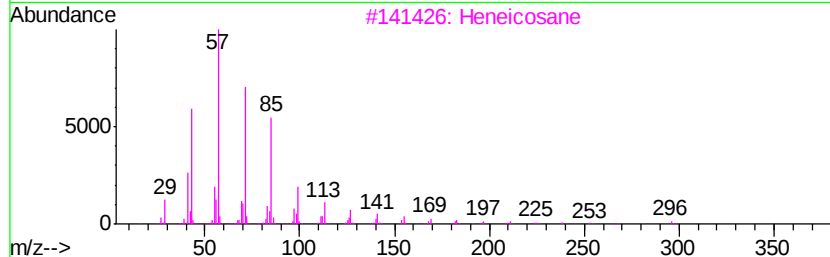
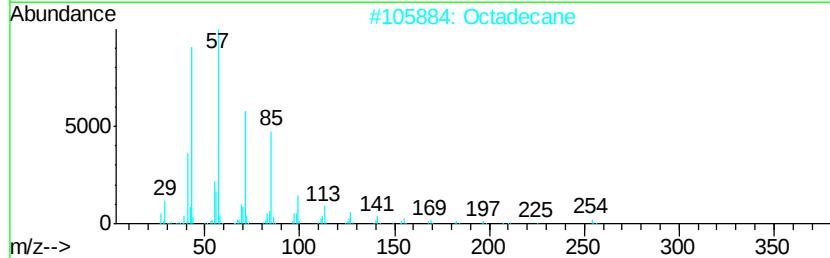
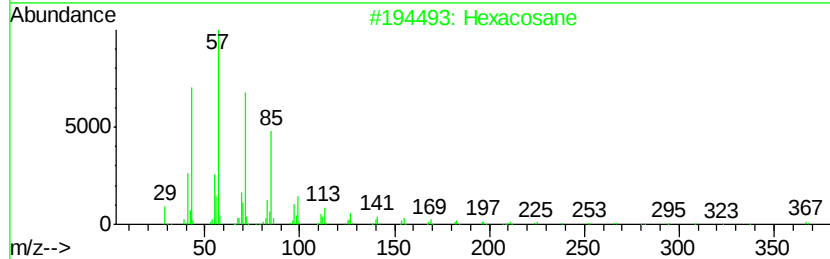
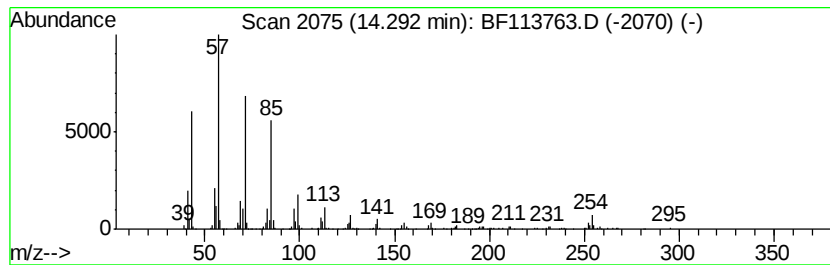
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	8.43 ng	478537	Chrysene-d12	13.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			Octadecane	254	C18H38	000593-45-3	92
3			Heneicosane	296	C21H44	000629-94-7	91
4			Triacontane	422	C30H62	000638-68-6	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
Acq On : 15 Apr 2019 15:12
Operator : JU/SJ
Sample : K2407-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11-S

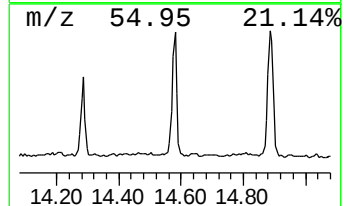
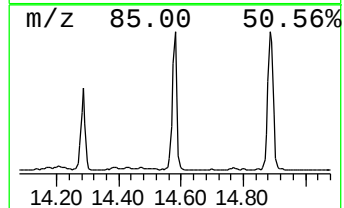
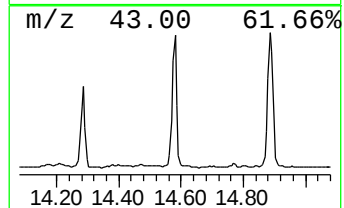
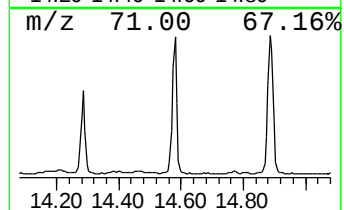
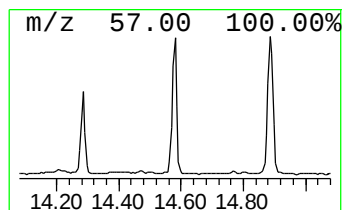
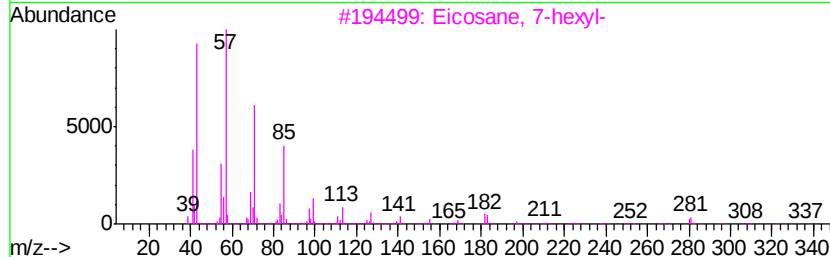
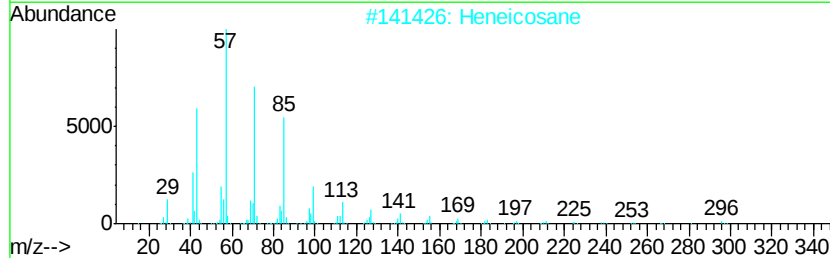
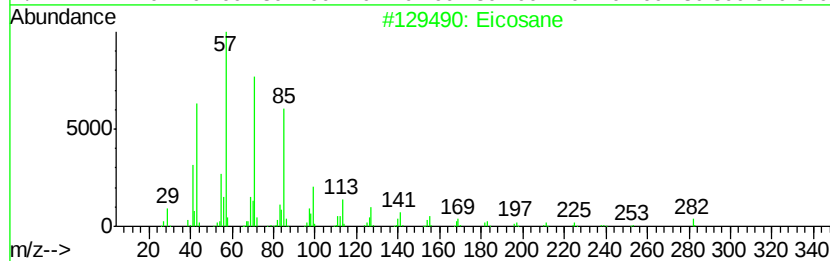
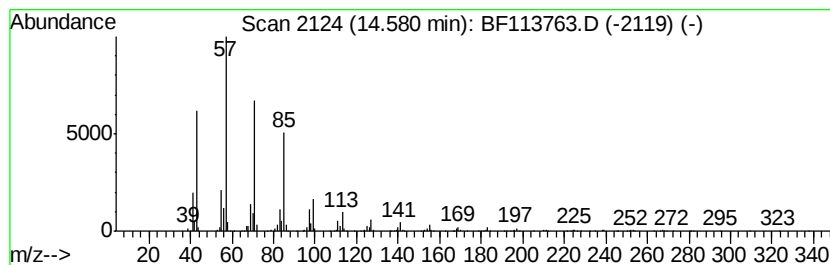
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane, 7-hexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	9.51 ng	855296	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	95
2	Heneicosane			296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-			366	C26H54	055333-99-8	91
4	Heptadecane, 9-octyl-			352	C25H52	007225-64-1	91
5	Docosane			310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113763.D
Acq On : 15 Apr 2019 15:12
Operator : JU/SJ
Sample : K2407-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11-S

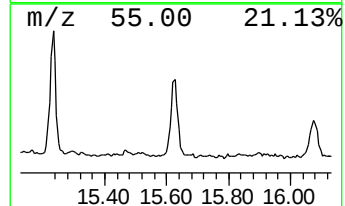
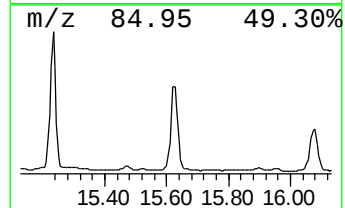
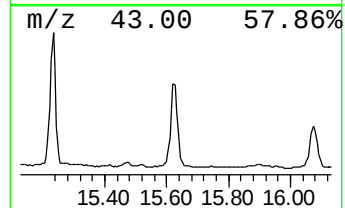
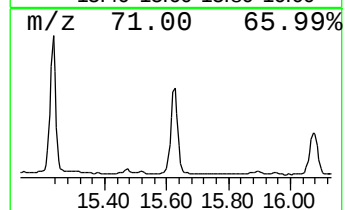
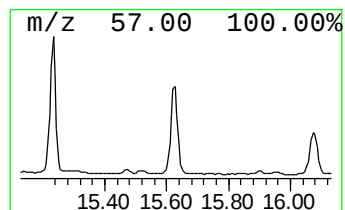
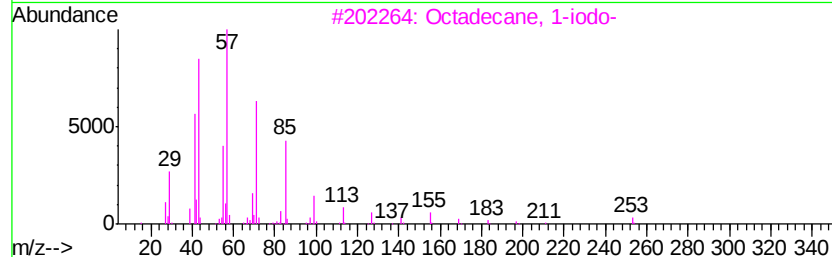
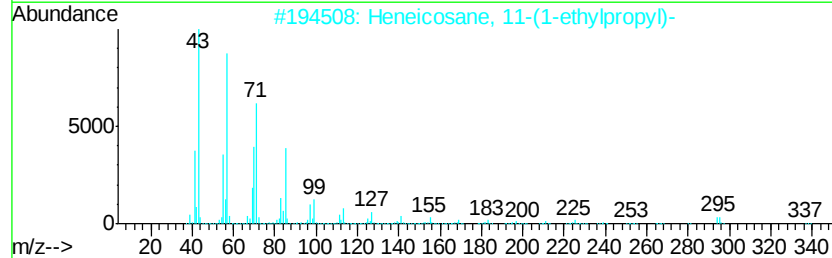
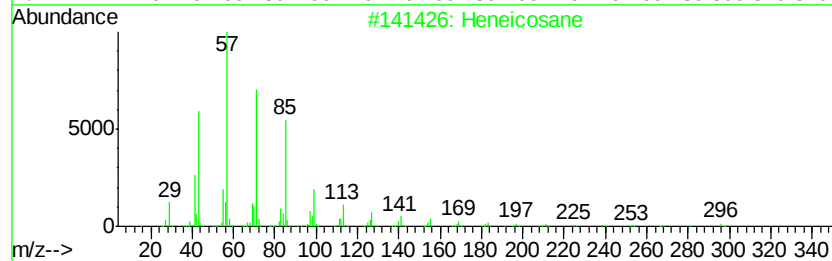
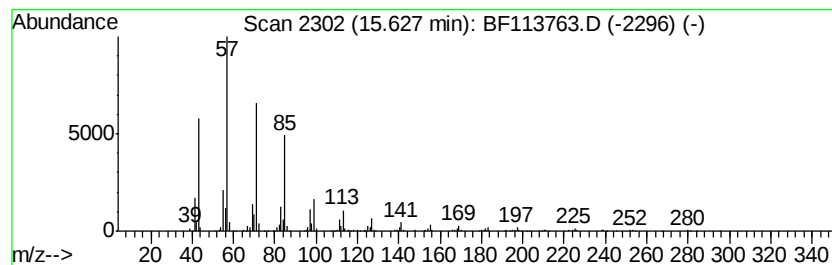
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane, 11-(1-ethylpro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	7.92 ng	712573	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
 Data File : BF113763.D
 Acq On : 15 Apr 2019 15:12
 Operator : JU/SJ
 Sample : K2407-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	63.3	ng	2365970	1	6.67	748069	20.0
Decane, 2,6,7-tri...	8.38	18.3	ng	865334	2	7.95	948117	20.0
Tetradecane	9.12	13.9	ng	696612	3	9.70	999370	20.0
10-Methylnonadecane	9.65	13.3	ng	662372	3	9.70	999370	20.0
unknown9.97	9.97	10.1	ng	502504	3	9.70	999370	20.0
Bacchotricuneatin c	10.14	16.2	ng	811166	3	9.70	999370	20.0
unknown10.26	10.26	9.1	ng	453610	3	9.70	999370	20.0
Heptacosane	10.36	17.8	ng	888732	3	9.70	999370	20.0
Heptane, 2,6-dime...	10.63	44.2	ng	2402250	4	11.19	1087830	20.0
Pentadecane	11.06	13.4	ng	726866	4	11.19	1087830	20.0
Heptadecane, 2,6,...	11.09	17.3	ng	938002	4	11.19	1087830	20.0
Tridecane, 1-iodo-	11.49	11.7	ng	634288	4	11.19	1087830	20.0
n-Hexadecanoic acid	11.73	42.0	ng	2286860	4	11.19	1087830	20.0
Eicosane	11.89	9.6	ng	521330	4	11.19	1087830	20.0
Tetracosane	12.27	7.9	ng	431374	4	11.19	1087830	20.0
Octadecanoic acid	12.52	59.9	ng	3400300	5	13.83	1135550	20.0
Octacosane	14.29	8.4	ng	478537	5	13.83	1135550	20.0
Eicosane, 7-hexyl-	14.58	9.5	ng	855296	6	15.23	1799510	20.0
Heneicosane, 11-(...	15.63	7.9	ng	712573	6	15.23	1799510	20.0