

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107910.D
 Acq On : 2 Aug 2018 15:40
 Operator : JU/SJ
 Sample : J4267-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-W

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-BF073018.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	5.184	476	484	498	rBV	357403	567844	10.98%	0.583%
2	5.595	551	554	572	rBV	1170495	2427497	46.93%	2.494%
3	6.478	699	704	709	rBV4	106260	152054	2.94%	0.156%
4	6.601	720	725	743	rBV	1340950	2935534	56.76%	3.016%
5	6.731	743	747	752	rBV	2166990	2578648	49.86%	2.649%
6	6.954	780	785	791	rBV2	524756	734366	14.20%	0.755%
7	7.078	803	806	808	rBV2	116271	127130	2.46%	0.131%
8	7.107	808	811	818	rVV	2018931	2210553	42.74%	2.271%
9	7.207	823	828	831	rVB2	230348	238042	4.60%	0.245%
10	7.266	836	838	843	rBV4	87219	92420	1.79%	0.095%
11	7.313	843	846	848	rBV3	107412	120602	2.33%	0.124%
12	7.336	848	850	852	rVB	113774	75182	1.45%	0.077%
13	7.360	852	854	859	rVB3	109520	149195	2.88%	0.153%
14	7.413	859	863	867	rBV5	76198	125667	2.43%	0.129%
15	7.466	867	872	877	rBV2	278162	501356	9.69%	0.515%
16	7.519	877	881	887	rBV2	1328077	1924453	37.21%	1.977%
17	7.566	887	889	890	rBV2	80626	76918	1.49%	0.079%
18	7.631	895	900	903	rBV4	158825	253940	4.91%	0.261%
19	7.660	903	905	908	rBV3	71546	92479	1.79%	0.095%
20	7.707	911	913	916	rVB2	190313	165388	3.20%	0.170%
21	7.748	916	920	925	rVB	438440	491916	9.51%	0.505%
22	7.813	925	931	932	rBV5	124909	225414	4.36%	0.232%
23	7.836	932	935	937	rBV2	263530	203448	3.93%	0.209%
24	7.866	937	940	942	rBV2	365322	341874	6.61%	0.351%
25	7.889	942	944	948	rVB2	154351	126292	2.44%	0.130%
26	7.925	948	950	953	rVB2	187470	178632	3.45%	0.184%
27	7.960	953	956	961	rBV3	348613	422729	8.17%	0.434%
28	8.007	961	964	966	rVB3	190689	167434	3.24%	0.172%
29	8.036	966	969	973	rBV4	132466	180032	3.48%	0.185%
30	8.089	975	978	981	rBV3	216670	232812	4.50%	0.239%
31	8.125	981	984	986	rBV	222026	274333	5.30%	0.282%
32	8.172	990	992	993	rVV2	156668	140257	2.71%	0.144%
33	8.195	993	996	1000	rVV	1331113	1489355	28.80%	1.530%
34	8.236	1000	1003	1006	rVV	974377	1245835	24.09%	1.280%

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35	8.272	1006	1009	1012	rVB	1732020	1569211	30.34%	1.612%
36	8.307	1012	1015	1020	rBV4	276240	381903	7.38%	0.392%
37	8.366	1023	1025	1027	rBV3	158744	142836	2.76%	0.147%
38	8.401	1028	1031	1032	rVV2	255308	269722	5.21%	0.277%
39	8.425	1032	1035	1040	rVB2	629211	650883	12.58%	0.669%
40	8.507	1045	1049	1054	rVB3	790517	1098059	21.23%	1.128%
41	8.566	1054	1059	1061	rBV5	316963	540659	10.45%	0.555%
42	8.589	1061	1063	1068	rVB4	476377	536321	10.37%	0.551%
43	8.636	1068	1071	1073	rBV	2202099	1871418	36.18%	1.923%
44	8.660	1073	1075	1078	rVB2	365949	344534	6.66%	0.354%
45	8.730	1084	1087	1089	rBV	484172	412885	7.98%	0.424%
46	8.760	1089	1092	1095	rBV	952863	1061742	20.53%	1.091%
47	8.807	1097	1100	1104	rVB	2159174	1952699	37.75%	2.006%
48	8.901	1113	1116	1121	rVB	958519	985457	19.05%	1.013%
49	9.001	1130	1133	1139	rBV7	421582	778594	15.05%	0.800%
50	9.107	1146	1151	1152	rBV4	515874	805237	15.57%	0.827%
51	9.130	1152	1155	1159	rVB3	738625	991511	19.17%	1.019%
52	9.172	1159	1162	1165	rBV	710242	633891	12.26%	0.651%
53	9.213	1166	1169	1171	rBV2	672761	832920	16.10%	0.856%
54	9.236	1171	1173	1180	rVB	2853472	2928718	56.62%	3.009%
55	9.307	1180	1185	1189	rBV	2499727	3161329	61.12%	3.248%
56	9.377	1193	1197	1202	rBV	2873944	3662532	70.81%	3.763%
57	9.654	1242	1244	1247	rBV4	296731	301053	5.82%	0.309%
58	9.695	1247	1251	1258	rVB3	2870260	3766246	72.82%	3.870%
59	9.754	1259	1261	1263	rVB	501809	372466	7.20%	0.383%
60	9.783	1263	1266	1267	rBV2	345824	348756	6.74%	0.358%
61	9.848	1275	1277	1279	rVB	376736	270216	5.22%	0.278%
62	9.907	1279	1287	1291	rBV	3089794	3456933	66.84%	3.552%
63	9.948	1291	1294	1296	rVV2	342178	393737	7.61%	0.405%
64	9.995	1300	1302	1307	rVB2	780192	817933	15.81%	0.840%
65	10.142	1323	1327	1329	rBV3	375744	586141	11.33%	0.602%
66	10.166	1329	1331	1333	rVB	600239	430143	8.32%	0.442%
67	10.189	1333	1335	1338	rVB2	402497	377374	7.30%	0.388%
68	10.225	1338	1341	1343	rBV2	1063394	1124094	21.73%	1.155%
69	10.407	1368	1372	1374	rBV	2929781	2797174	54.08%	2.874%
70	10.436	1374	1377	1379	rVB2	510579	522320	10.10%	0.537%
71	10.624	1404	1409	1412	rBV	2595554	3219995	62.26%	3.308%

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72	10.677	1416	1418	1421	rBV2	428413	340149	6.58%	0.349%
73	10.707	1421	1423	1427	rBV2	418677	501815	9.70%	0.516%
74	10.748	1427	1430	1434	rVB2	804411	828065	16.01%	0.851%
75	10.795	1434	1438	1441	rBV	1220196	1669865	32.29%	1.716%
76	10.895	1449	1455	1458	rBV2	2986139	5172253	100.00%	5.314%
77	11.160	1498	1500	1504	rVB	426097	405849	7.85%	0.417%
78	11.330	1525	1529	1531	rBV	2560426	2341146	45.26%	2.405%
79	11.360	1531	1534	1536	rVB	1867502	1753977	33.91%	1.802%
80	11.495	1555	1557	1563	rVB2	699936	841023	16.26%	0.864%
81	11.636	1579	1581	1585	rVB4	314269	294356	5.69%	0.302%
82	11.707	1590	1593	1598	rVV	590059	744434	14.39%	0.765%
83	11.754	1598	1601	1606	rVB	2454964	2304734	44.56%	2.368%
84	12.007	1641	1644	1649	rVB3	609072	779625	15.07%	0.801%
85	12.160	1667	1670	1674	rVB	1852415	1625936	31.44%	1.671%
86	12.548	1733	1736	1742	rVB	1595106	1545109	29.87%	1.588%
87	12.789	1774	1777	1780	rBV	427518	383075	7.41%	0.394%
88	12.924	1797	1800	1802	rBV	1002324	906703	17.53%	0.932%
89	13.077	1822	1826	1831	rVB	1822206	2033881	39.32%	2.090%
90	13.277	1857	1860	1864	rVB	905337	783533	15.15%	0.805%
91	13.618	1915	1918	1925	rVB	714038	657444	12.71%	0.675%
92	13.948	1971	1974	1981	rVB	652218	699579	13.53%	0.719%
93	14.148	2004	2008	2019	rBV	680053	1044269	20.19%	1.073%
94	14.265	2025	2028	2032	rVB	351456	337934	6.53%	0.347%
95	14.571	2077	2080	2082	rBV	375692	389464	7.53%	0.400%
96	14.889	2131	2134	2137	rVB	353376	361998	7.00%	0.372%
97	15.242	2190	2194	2198	rVB	532733	629831	12.18%	0.647%
98	15.636	2258	2261	2265	rVV	418797	530083	10.25%	0.545%
99	15.677	2265	2268	2281	rVB	460146	903731	17.47%	0.929%
100	16.095	2335	2339	2346	rVB	520638	851306	16.46%	0.875%

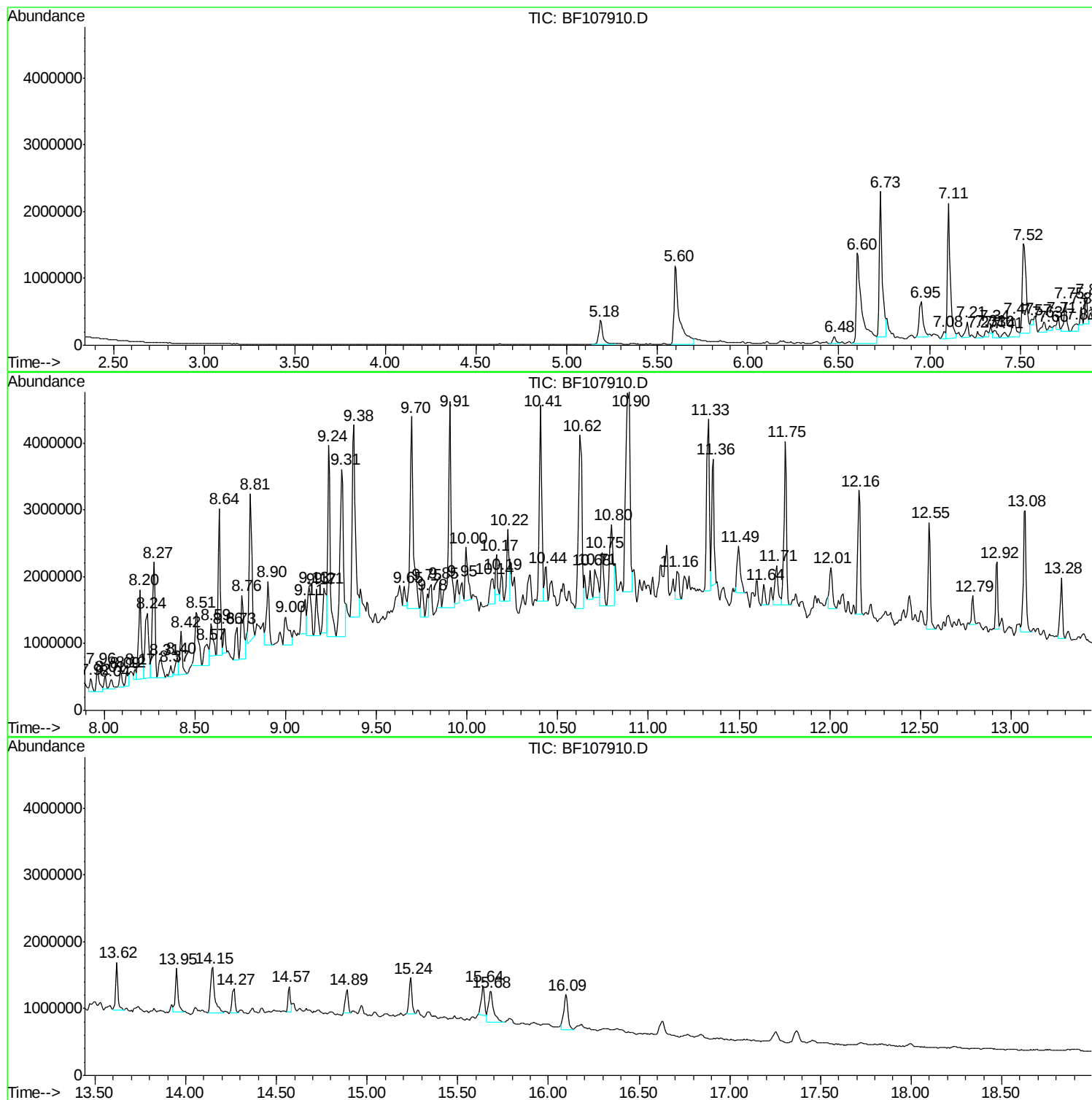
Sum of corrected areas: 97328440

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Instrument :
BNA_F
ClientSampled :
UST-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.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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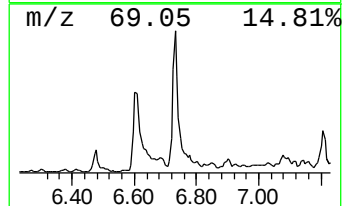
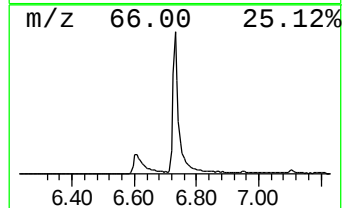
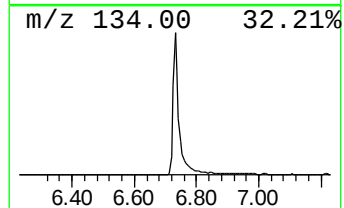
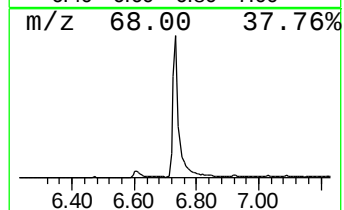
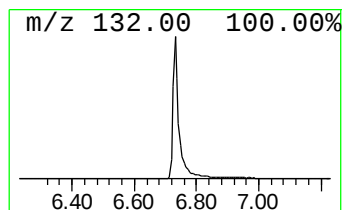
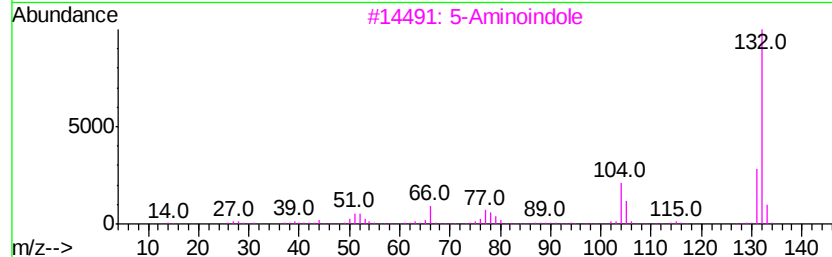
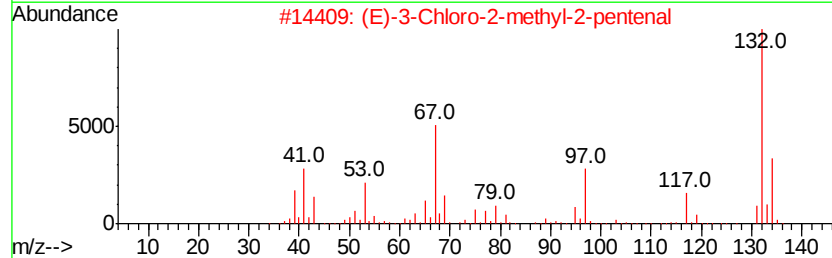
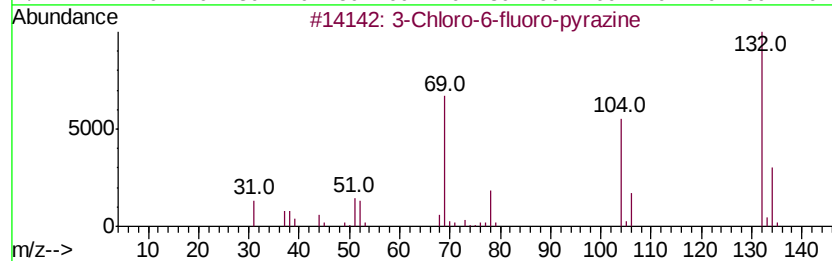
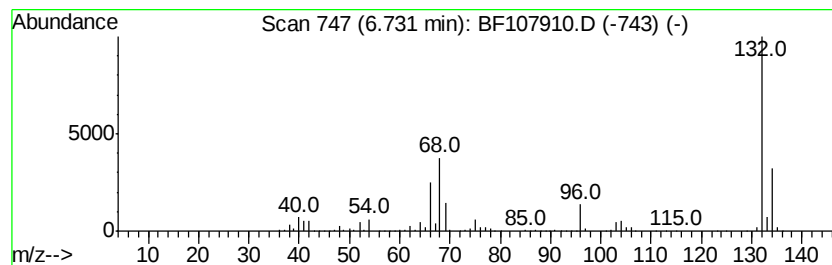
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.73 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	70.23 ng	2578650	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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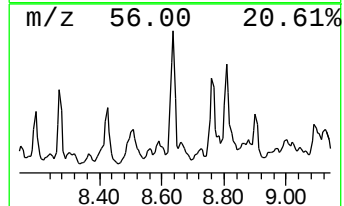
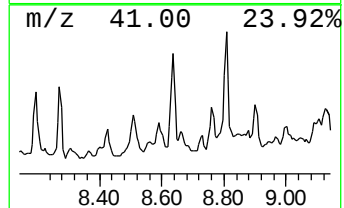
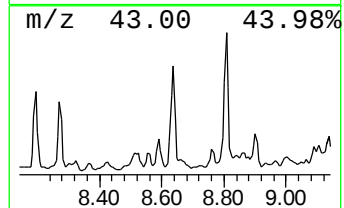
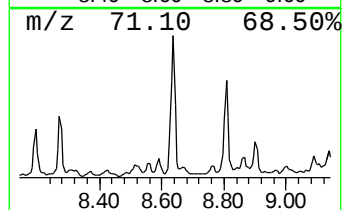
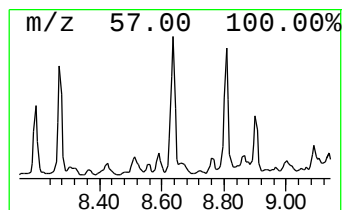
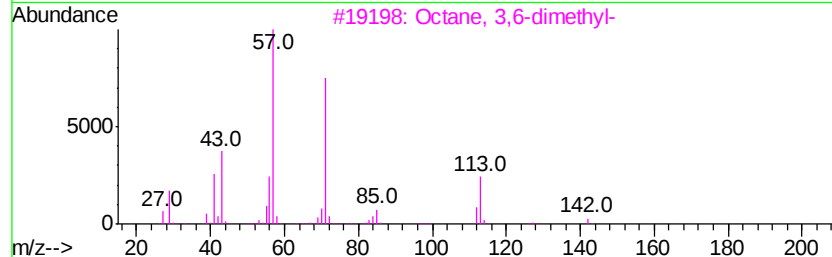
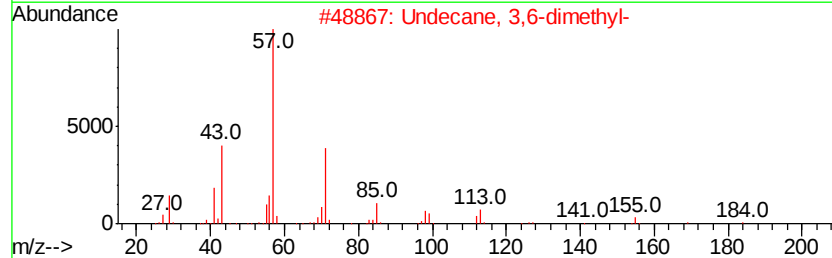
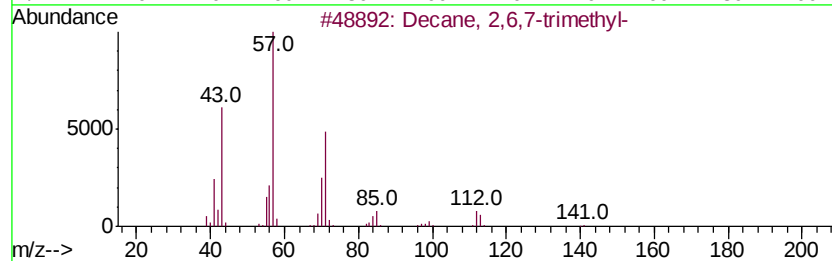
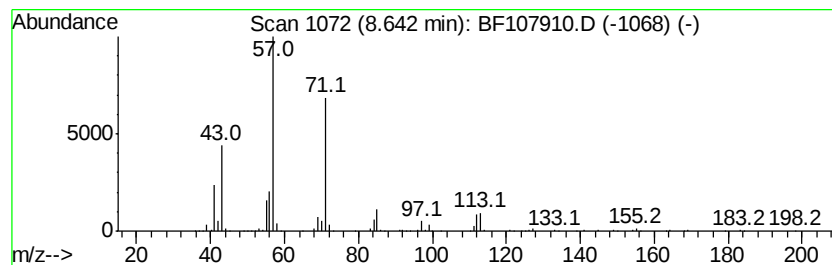
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	30.04 ng	1871420	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78
5		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72



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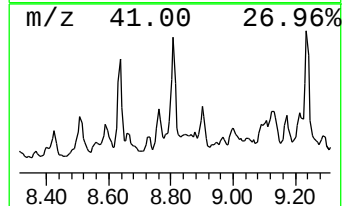
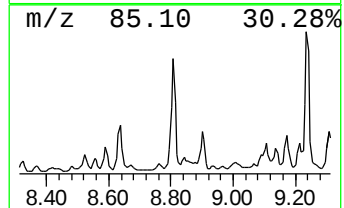
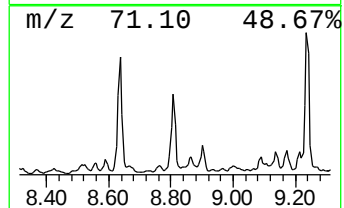
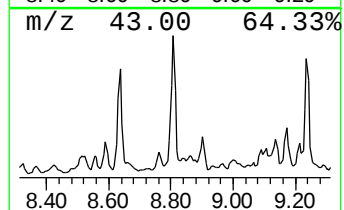
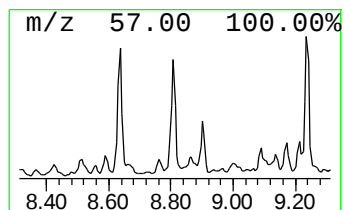
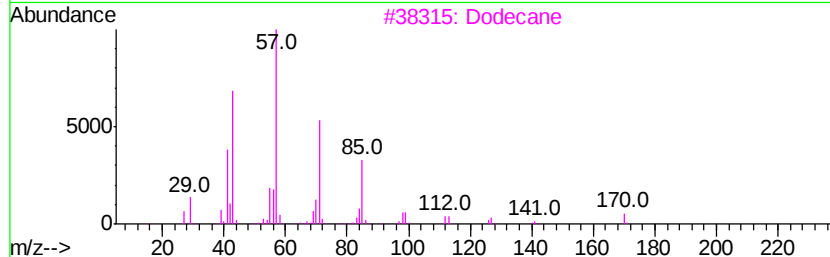
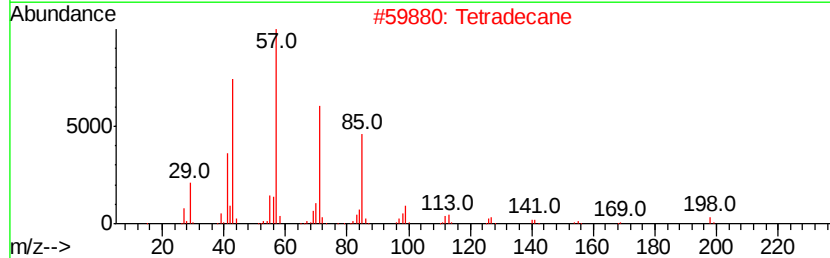
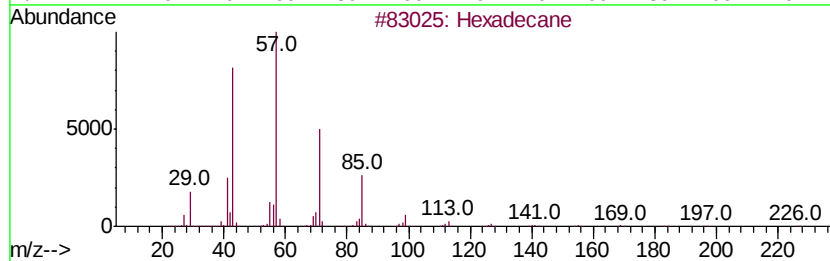
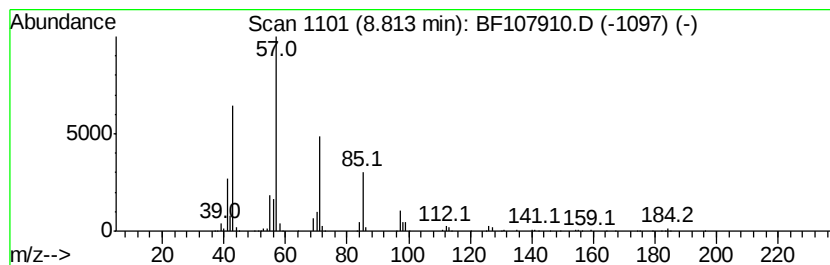
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	31.35 ng	1952700	Naphthalene-d8	8.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Tetradecane		198	C14H30	000629-59-4	86
3	Dodecane		170	C12H26	000112-40-3	86
4	Eicosane, 10-methyl-		296	C21H44	054833-23-7	78
5	Pentadecane		212	C15H32	000629-62-9	78



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Acq On : 2 Aug 2018 15:40
Operator : JU/SJ
Sample : J4267-13
Misc :
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Instrument :
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ClientSampleId :
UST-W

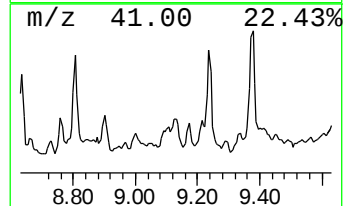
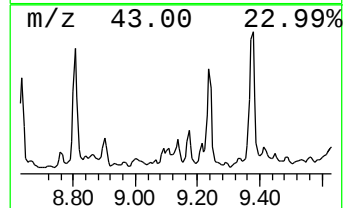
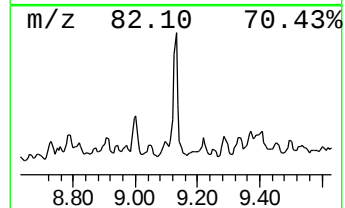
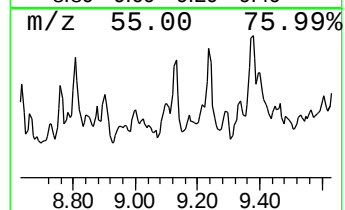
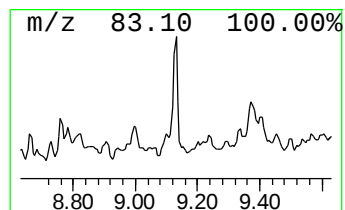
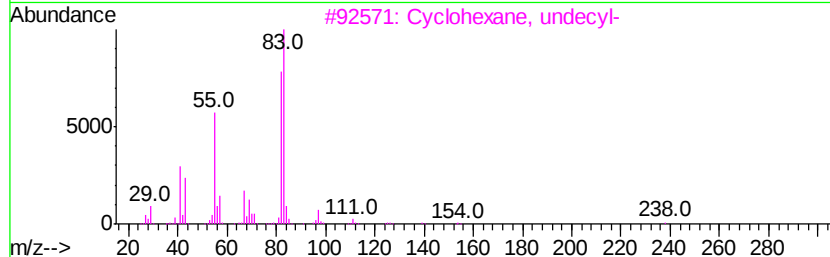
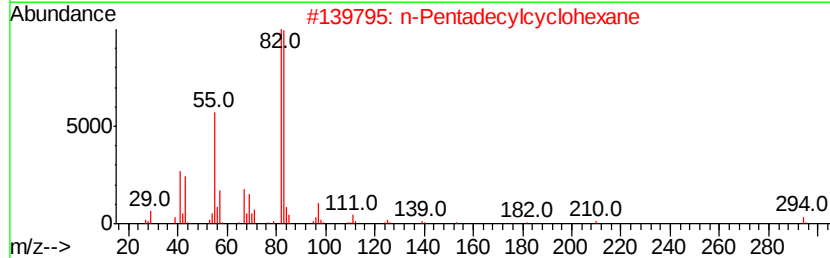
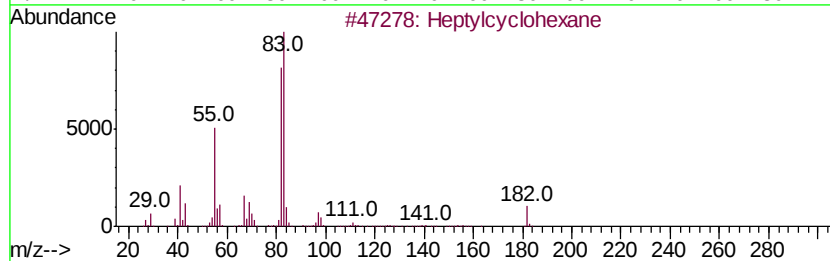
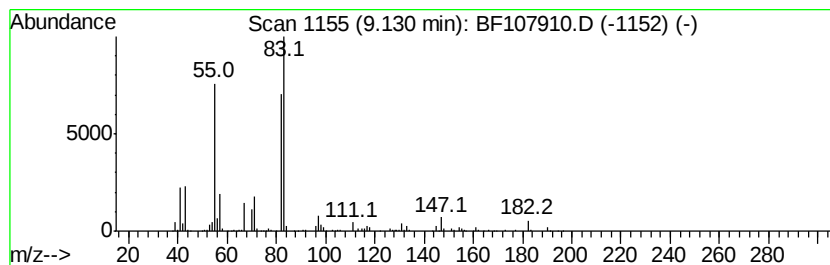
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	24.24 ng	991511	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptylcyclohexane	182	C13H26	005617-41-4	64
2		n-Pentadecylcyclohexane	294	C21H42	006006-95-7	50
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5		Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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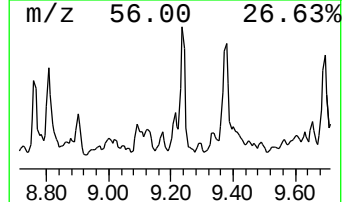
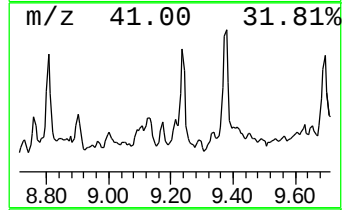
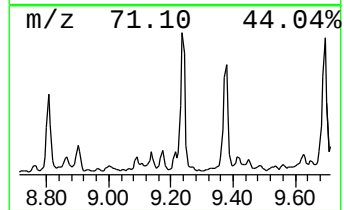
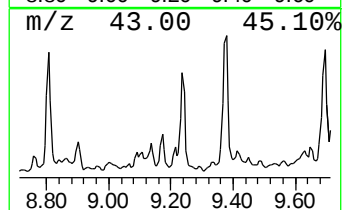
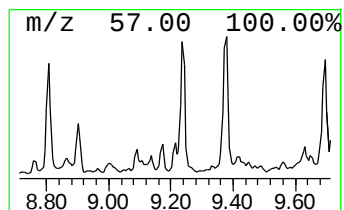
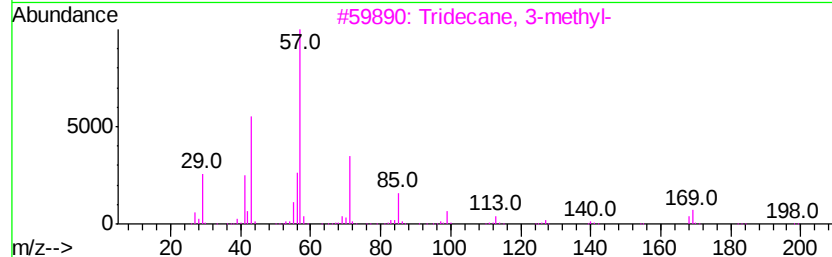
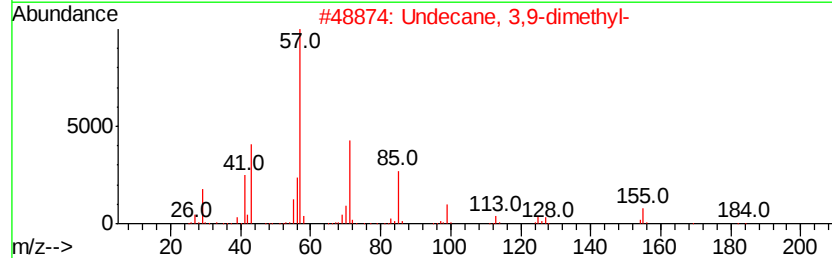
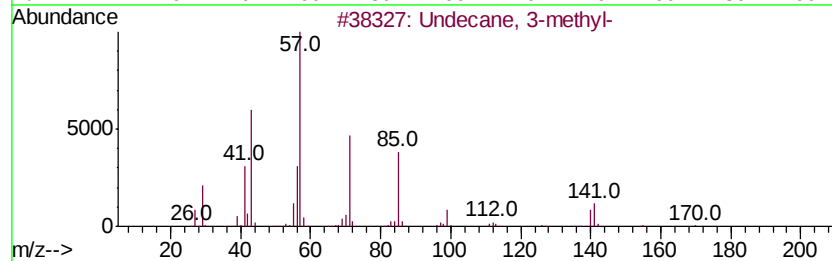
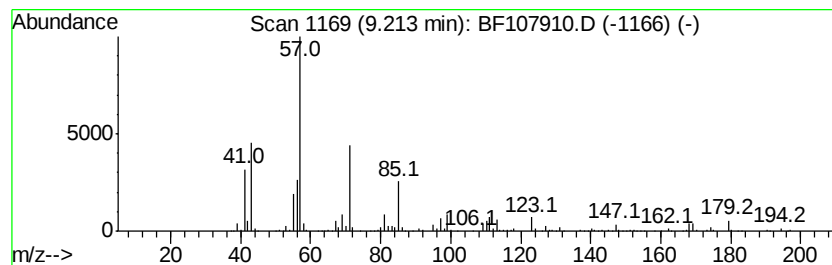
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	20.37 ng	832920	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	68
2		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
4		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59
5		Decane	142	C10H22	000124-18-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107910.D
Acq On : 2 Aug 2018 15:40
Operator : JU/SJ
Sample : J4267-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

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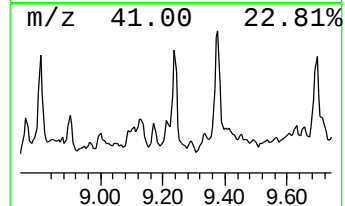
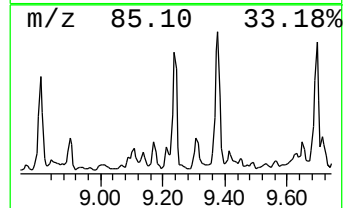
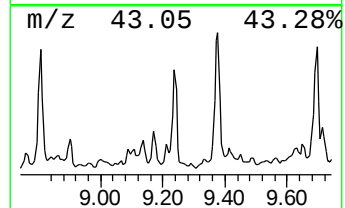
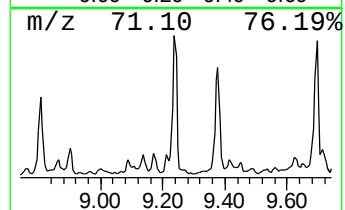
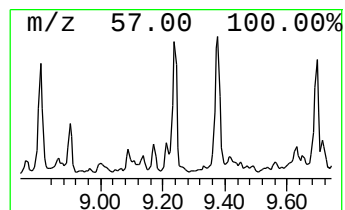
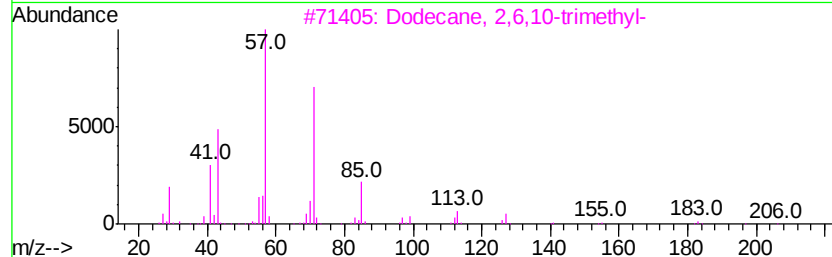
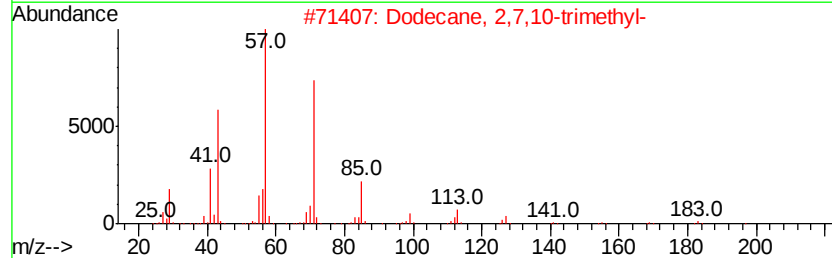
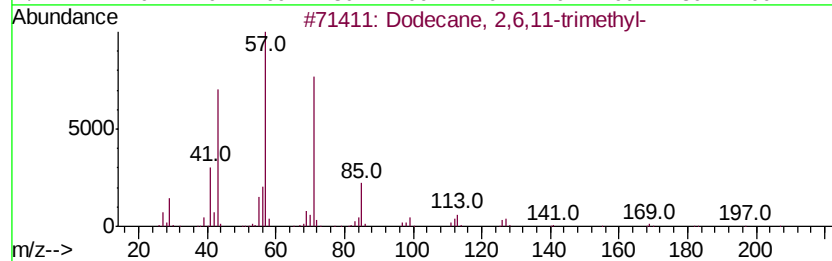
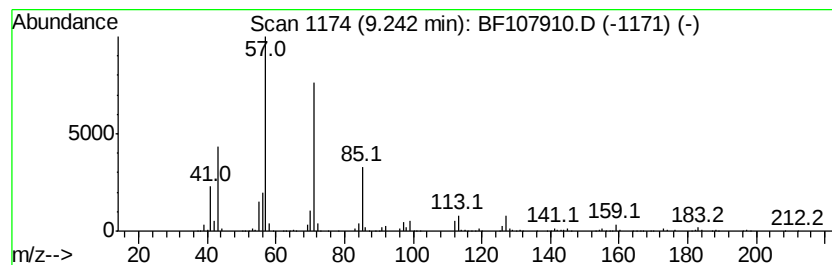
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	71.61 ng	2928720	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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Acq On : 2 Aug 2018 15:40
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ALS Vial : 6 Sample Multiplier: 1

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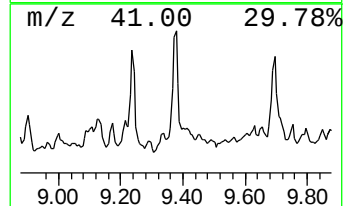
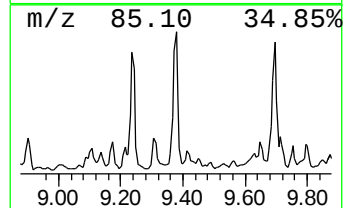
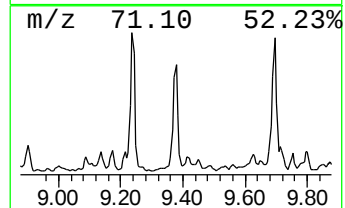
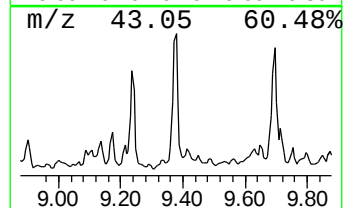
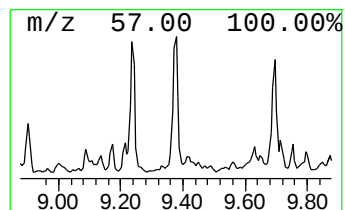
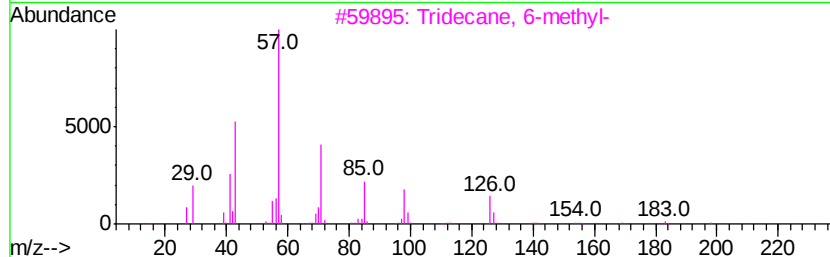
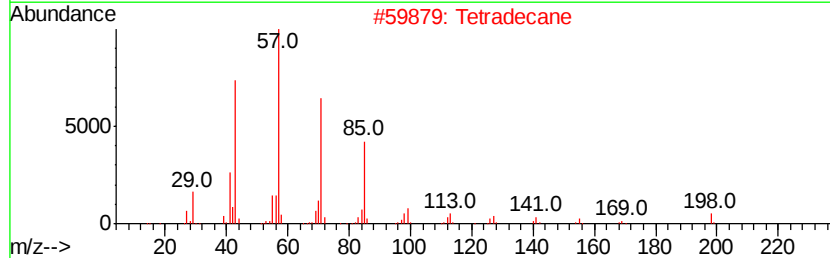
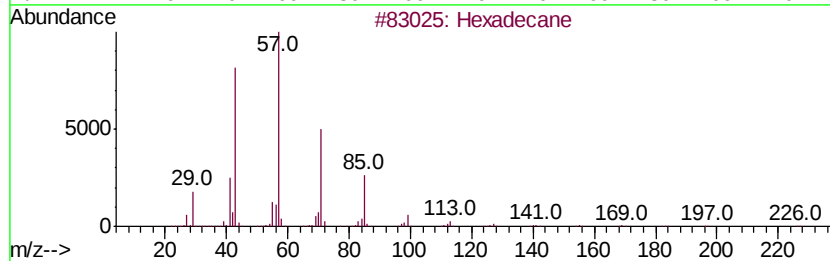
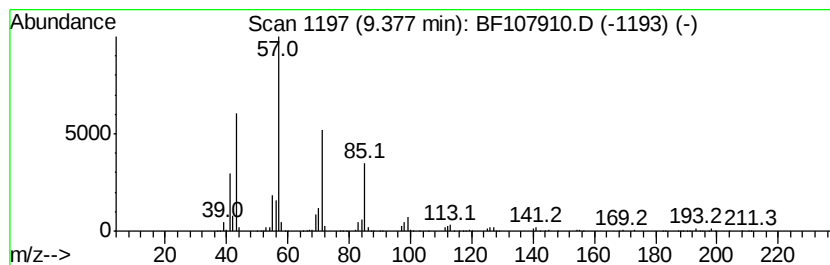
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 6-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	89.56 ng	3662530	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetradecane		198	C14H30	000629-59-4	91
3	Tridecane, 6-methyl-		198	C14H30	013287-21-3	87
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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Misc :
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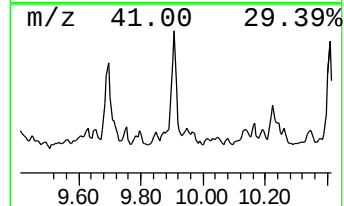
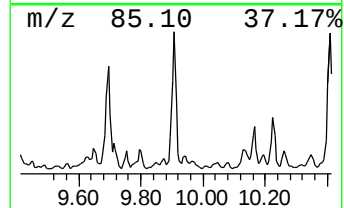
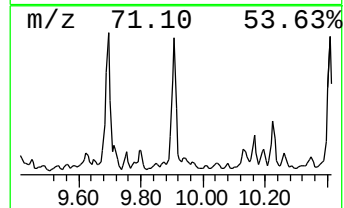
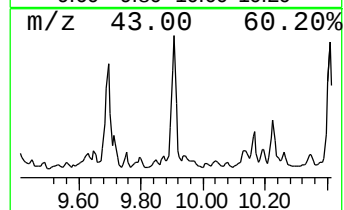
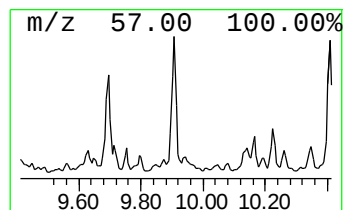
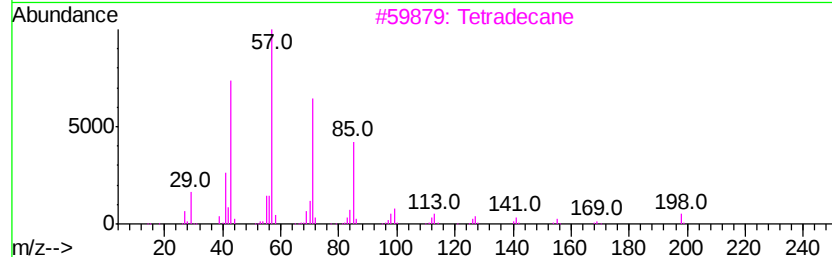
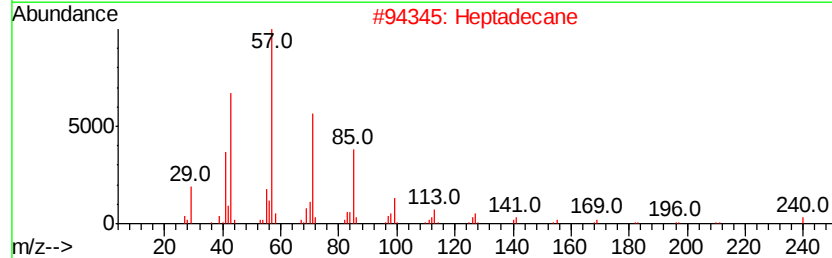
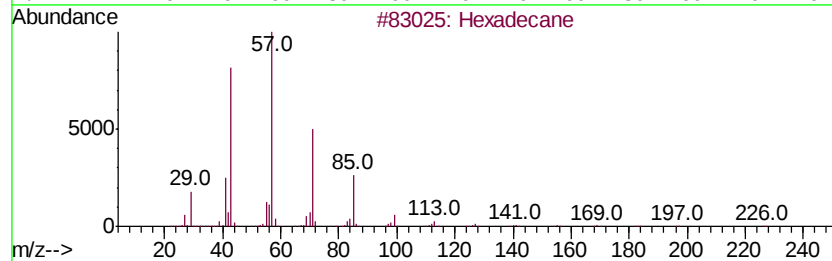
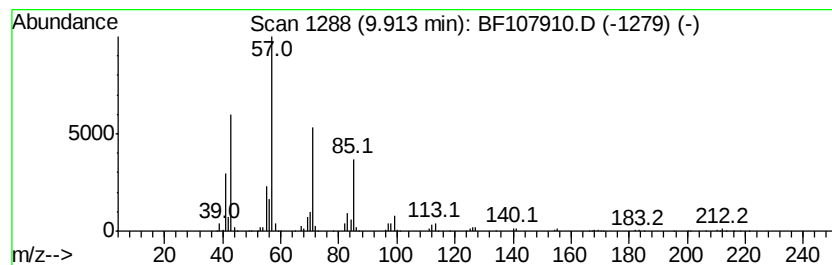
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Bacchotricuneatin c Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	84.53 ng	3456930	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Heptadecane		240	C17H36	000629-78-7	83
3	Tetradecane		198	C14H30	000629-59-4	72
4	Bacchotricuneatin c		342	C20H22O5	066563-30-2	64
5	Tetradecane, 5-methyl-		212	C15H32	025117-32-2	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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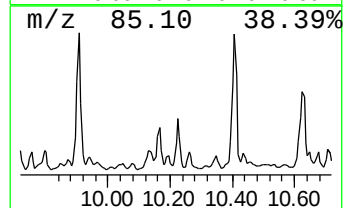
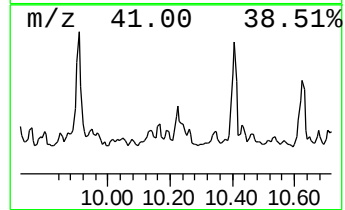
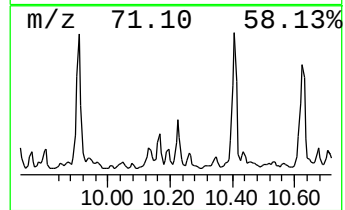
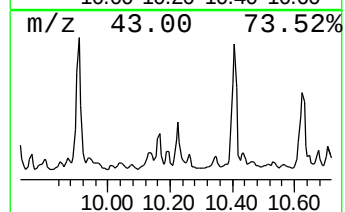
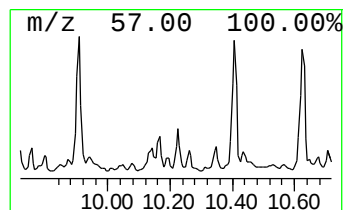
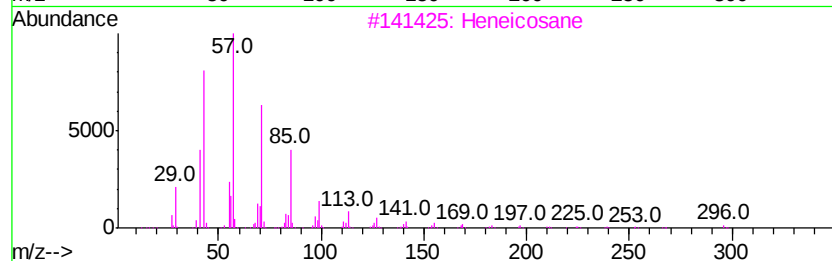
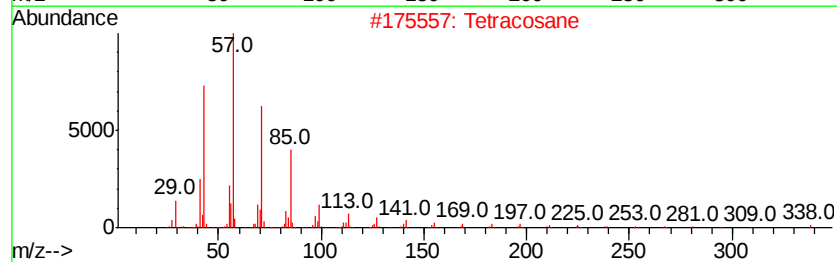
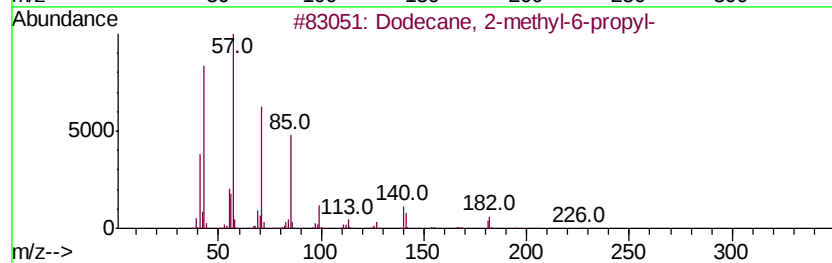
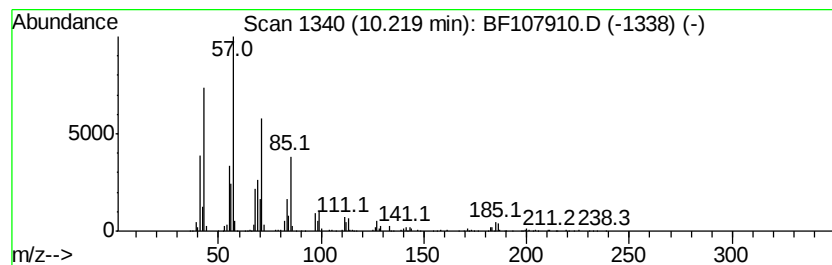
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	27.49 ng	1124090	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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Sample : J4267-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

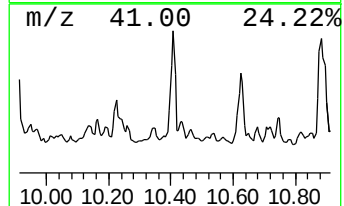
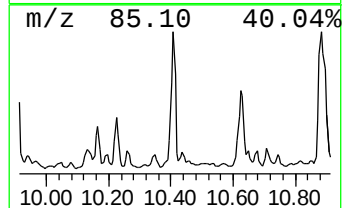
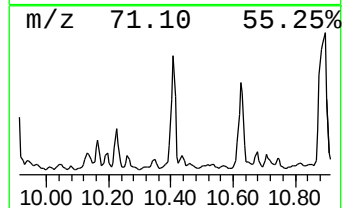
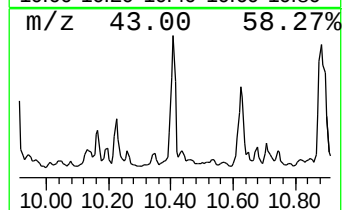
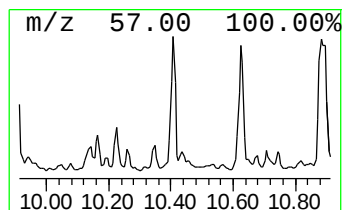
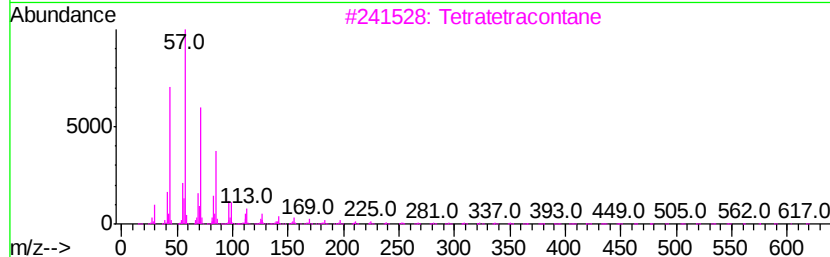
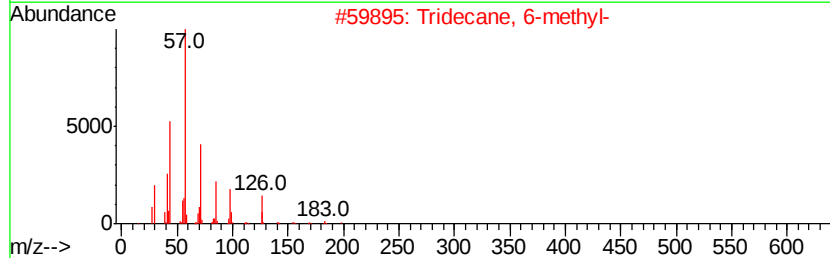
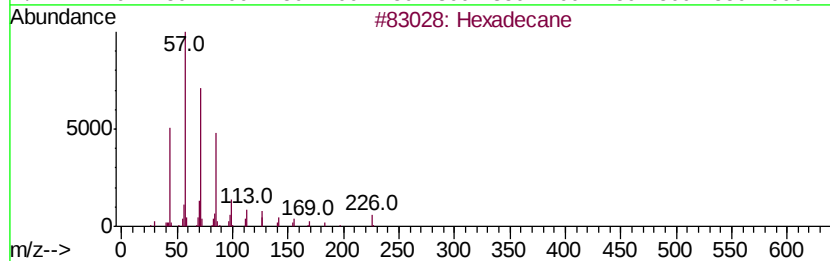
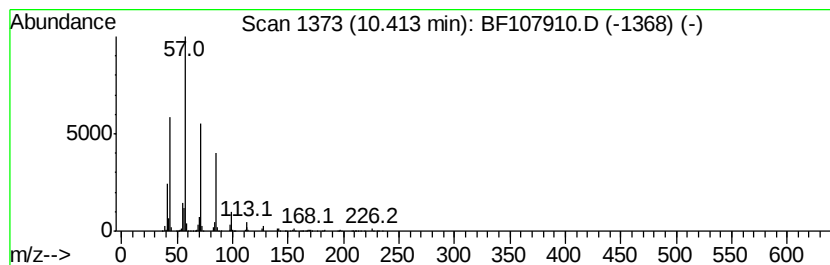
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.41	68.40 ng	2797170	Acenaphthene-d10		10.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107910.D
Acq On : 2 Aug 2018 15:40
Operator : JU/SJ
Sample : J4267-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

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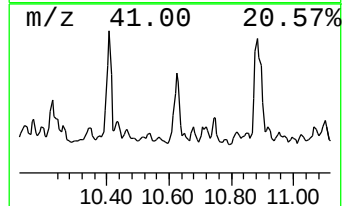
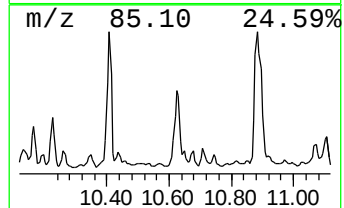
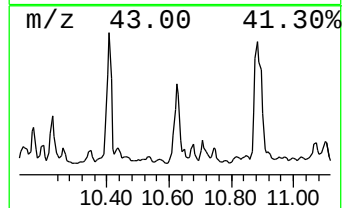
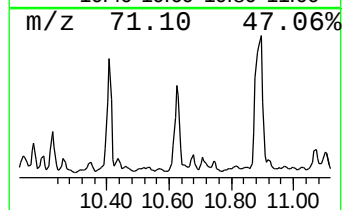
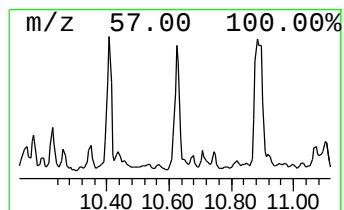
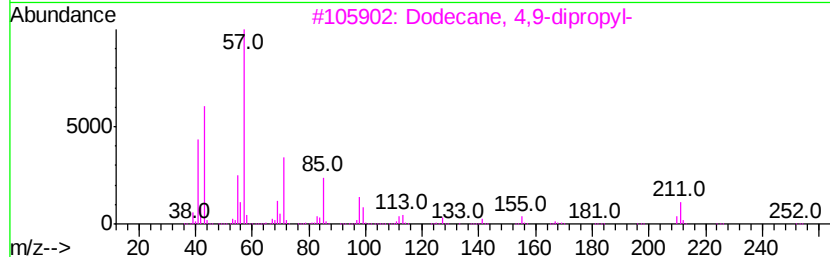
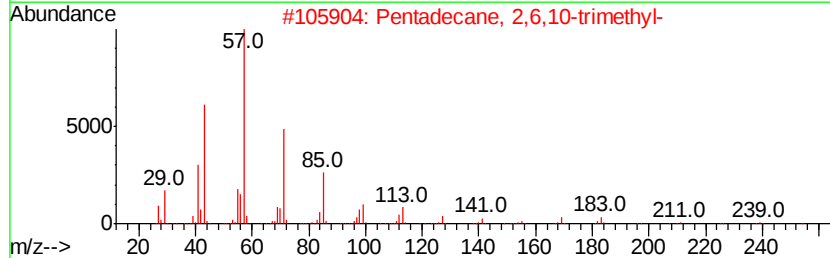
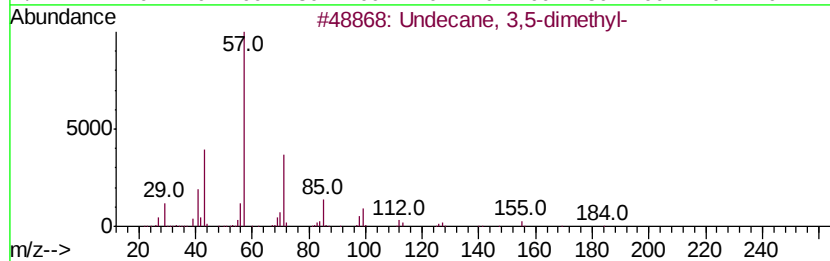
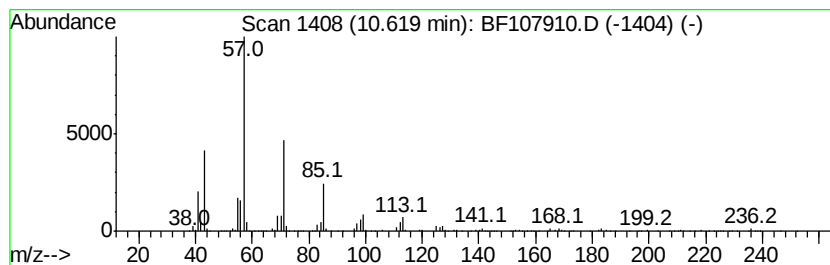
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	78.73 ng	3220000	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
3		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	78
4		Heptadecane, 4-propyl-	282	C20H42	055044-10-5	78
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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Sample : J4267-13
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Instrument :
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ClientSampleId :
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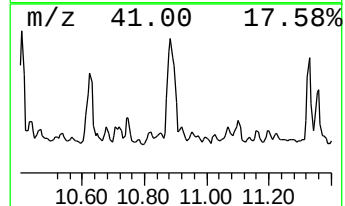
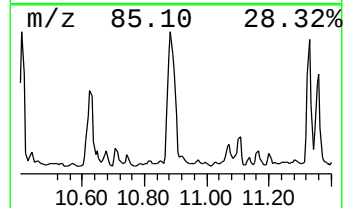
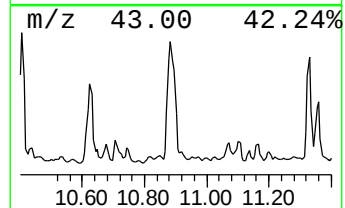
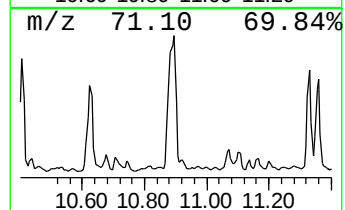
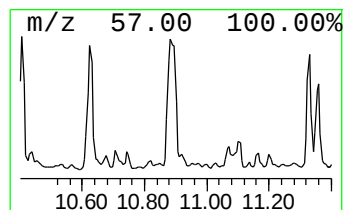
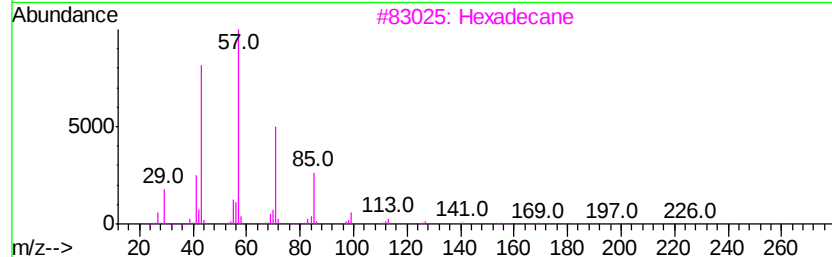
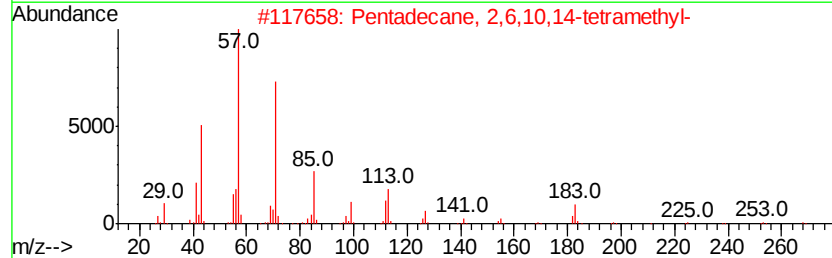
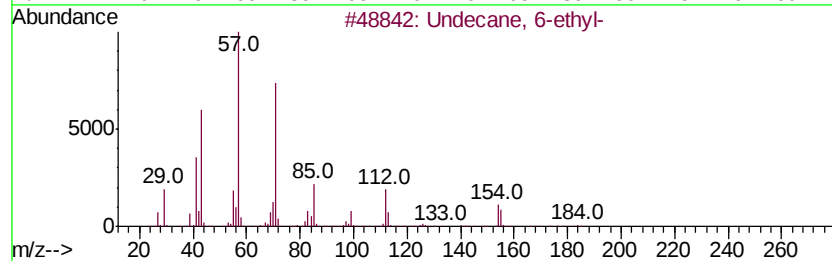
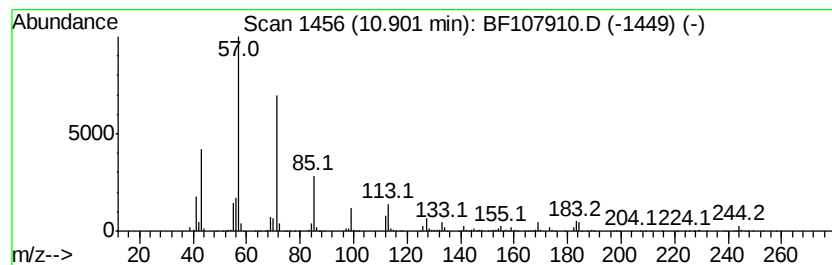
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 6-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	123.00 ng	5172250	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	86
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3		Hexadecane	226	C16H34	000544-76-3	72
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107910.D
Acq On : 2 Aug 2018 15:40
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Sample : J4267-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

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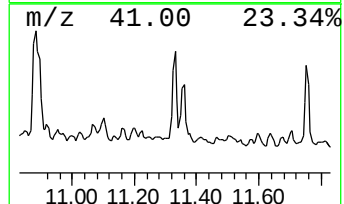
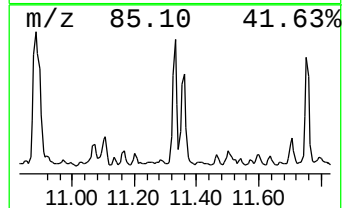
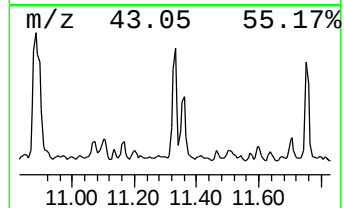
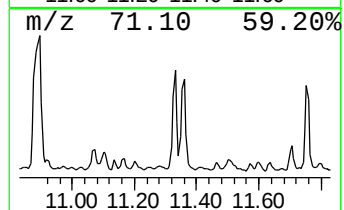
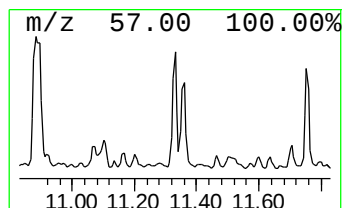
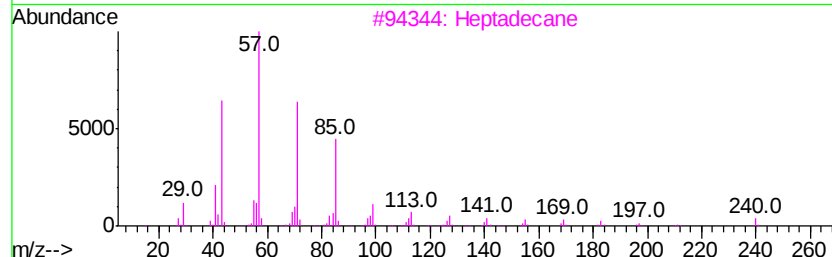
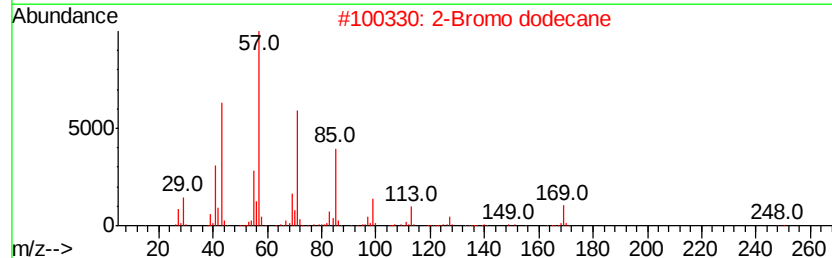
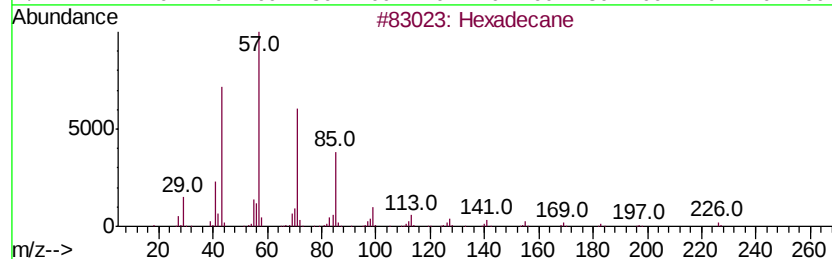
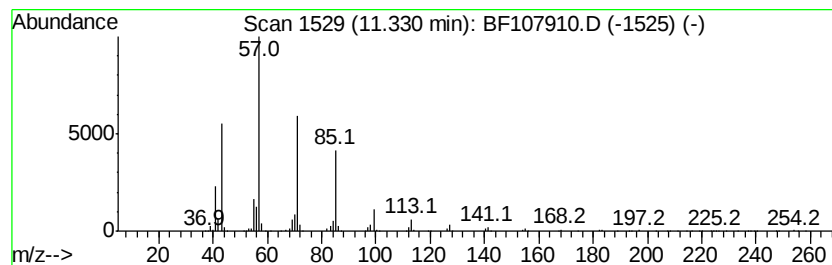
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	55.67 ng	2341150	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	2-Bromo dodecane		248	C12H25Br	013187-99-0	91
3	Heptadecane		240	C17H36	000629-78-7	91
4	Octadecane		254	C18H38	000593-45-3	90
5	Pentadecane		212	C15H32	000629-62-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107910.D
Acq On : 2 Aug 2018 15:40
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Sample : J4267-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

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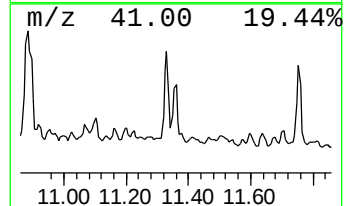
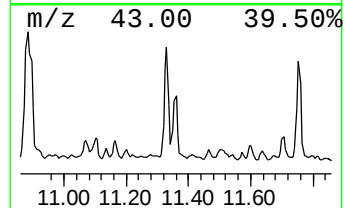
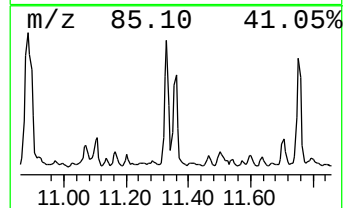
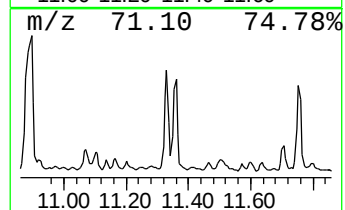
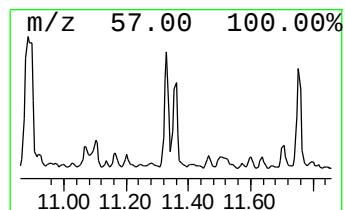
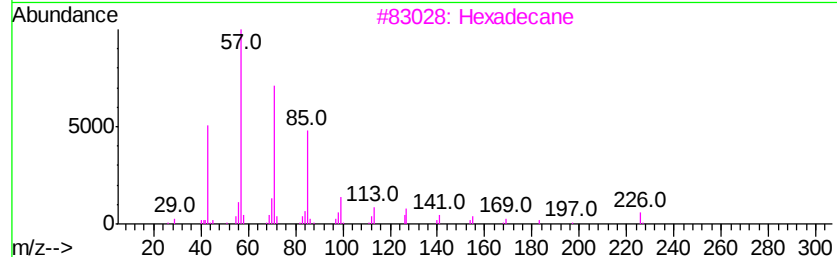
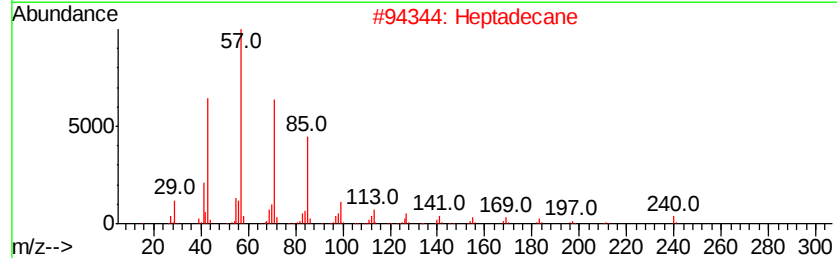
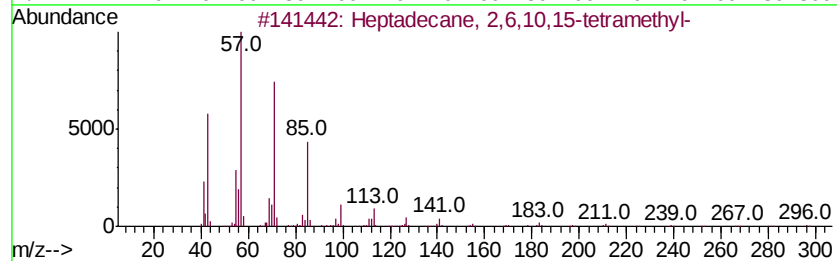
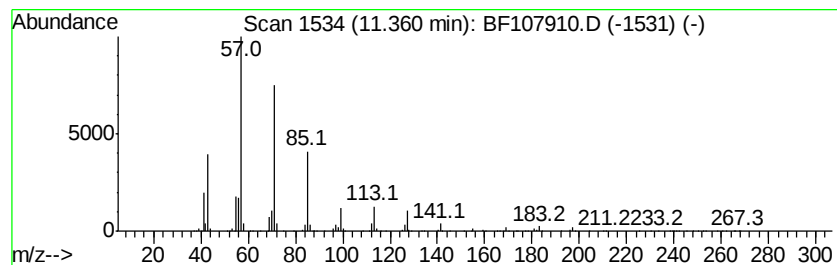
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	41.71 ng	1753980	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexadecane	226	C16H34	000544-76-3	83
4		Octacosane	394	C28H58	000630-02-4	78
5		Tetratetracontane	619	C44H90	007098-22-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107910.D
Acq On : 2 Aug 2018 15:40
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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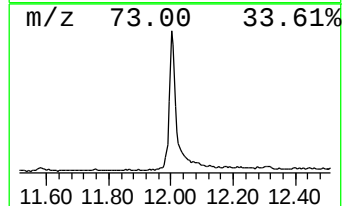
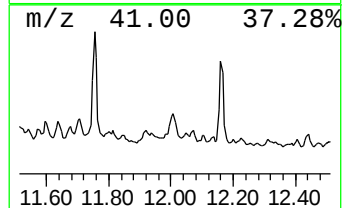
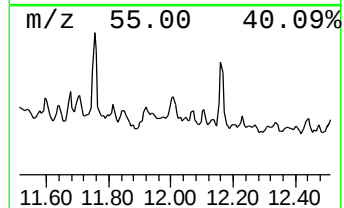
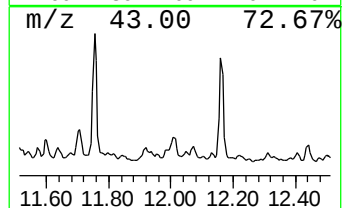
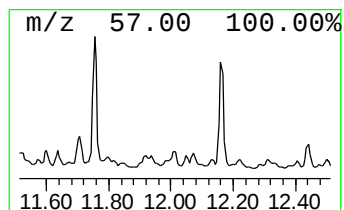
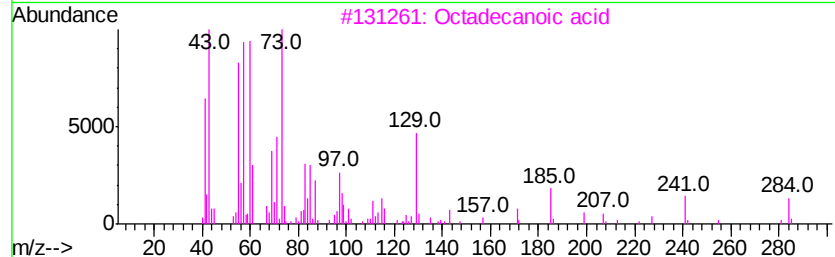
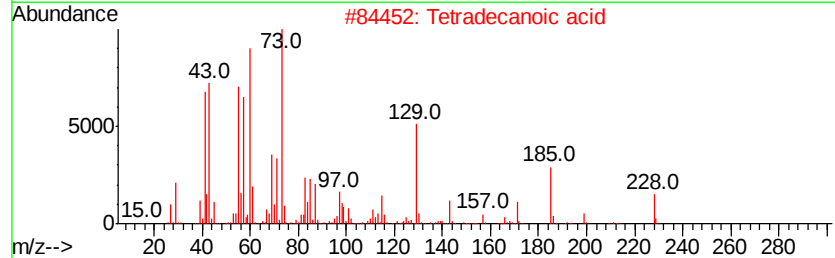
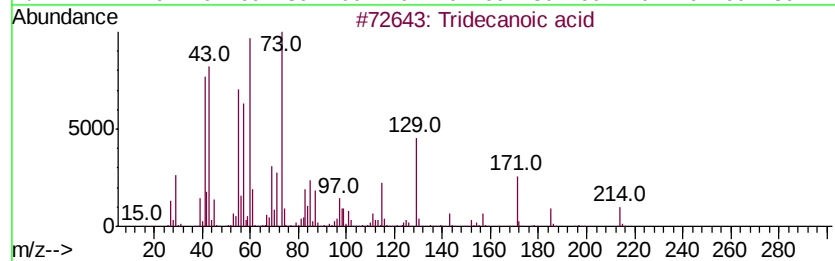
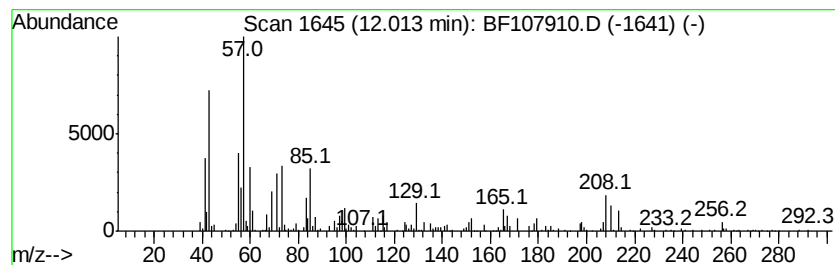
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	18.54 ng	779625	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	89
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3			Octadecanoic acid	284	C18H36O2	000057-11-4	74
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107910.D
Acq On : 2 Aug 2018 15:40
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ALS Vial : 6 Sample Multiplier: 1

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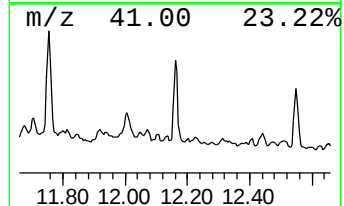
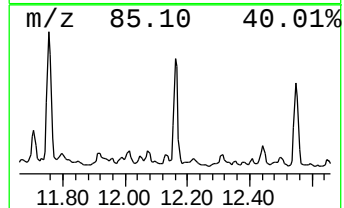
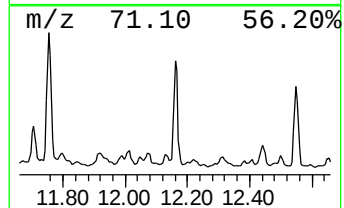
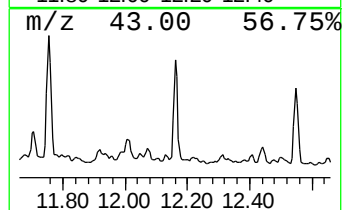
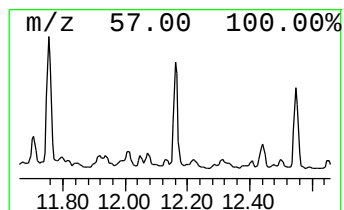
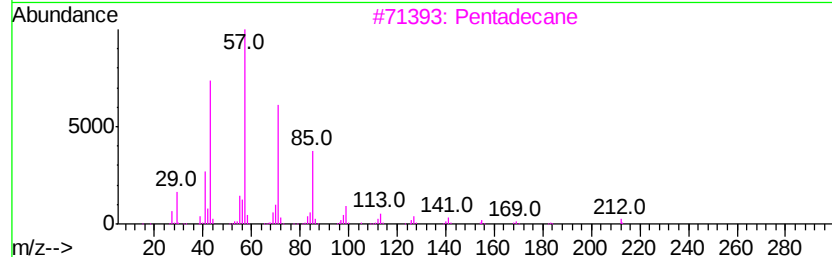
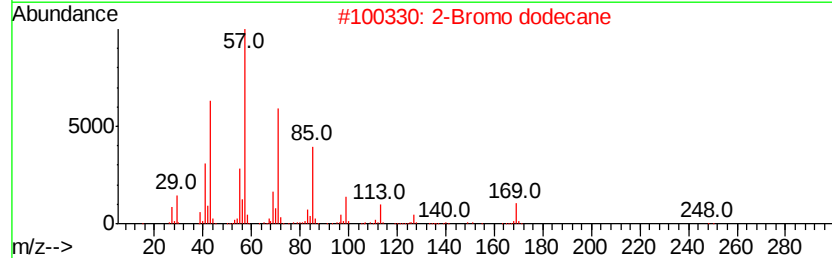
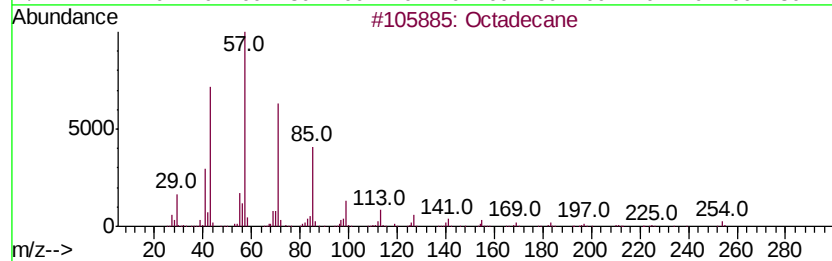
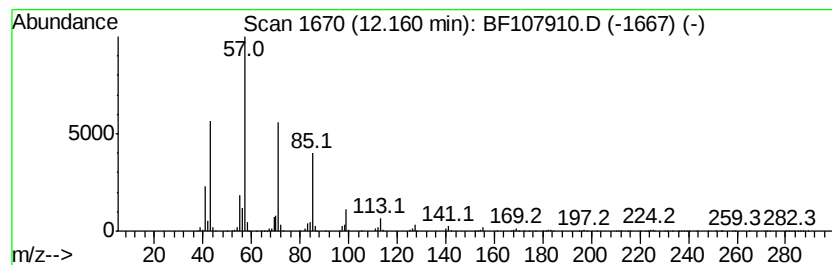
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	38.67 ng	1625940	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3		Pentadecane	212	C15H32	000629-62-9	91
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107910.D
Acq On : 2 Aug 2018 15:40
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Sample : J4267-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

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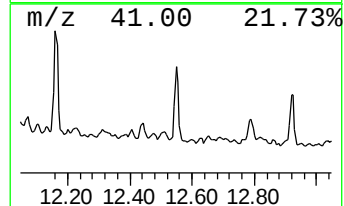
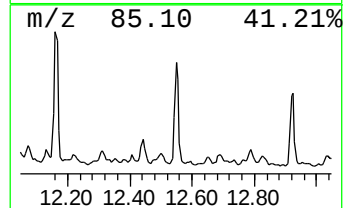
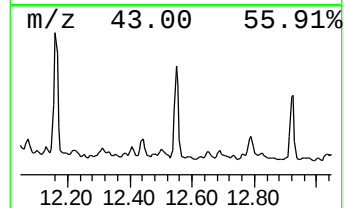
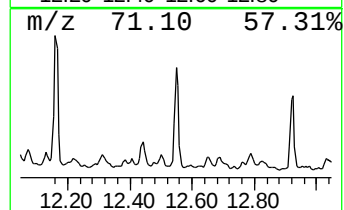
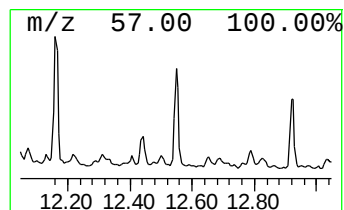
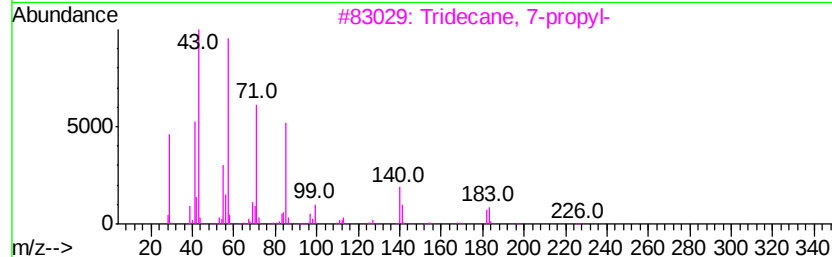
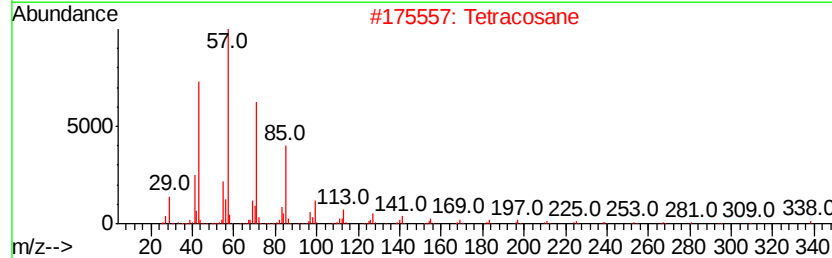
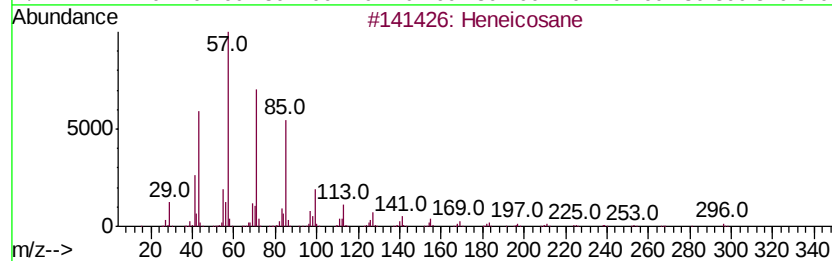
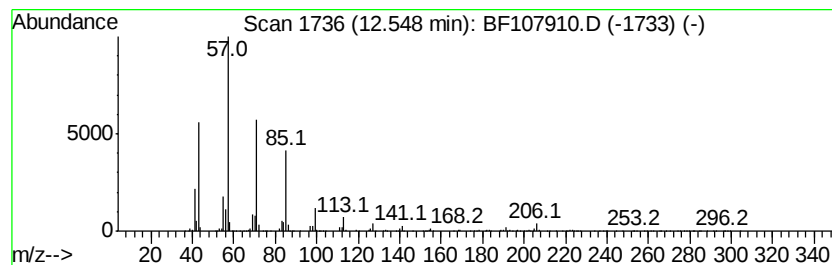
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	36.74 ng	1545110	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
4		Tridecane	184	C13H28	000629-50-5	86
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107910.D
Acq On : 2 Aug 2018 15:40
Operator : JU/SJ
Sample : J4267-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-W

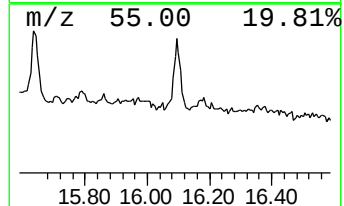
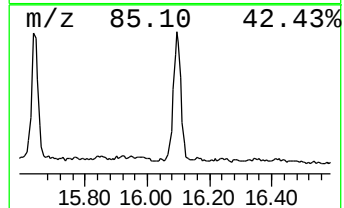
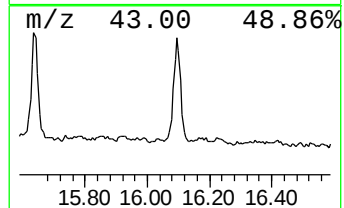
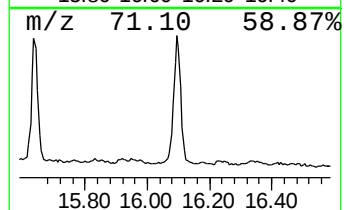
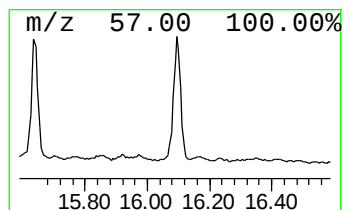
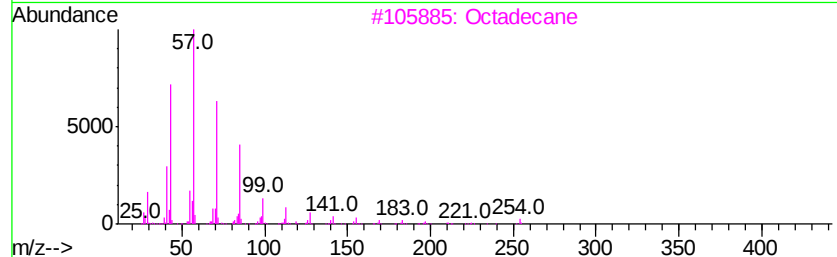
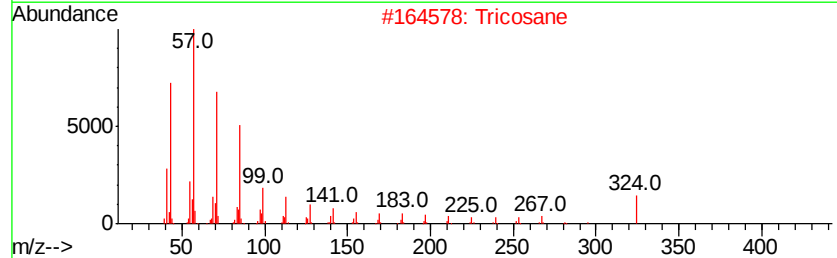
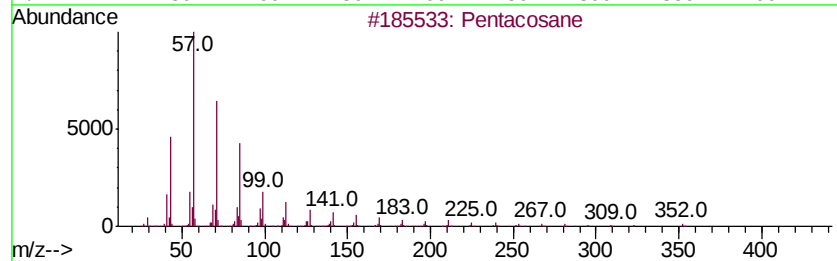
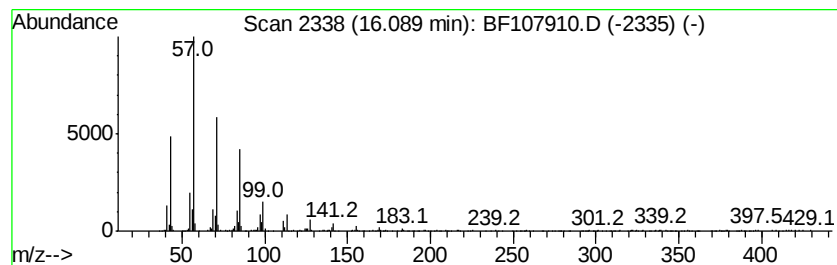
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	18.84 ng	851306	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	97
2		Tricosane	324	C23H48	000638-67-5	90
3		Octadecane	254	C18H38	000593-45-3	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107910.D
 Acq On : 2 Aug 2018 15:40
 Operator : JU/SJ
 Sample : J4267-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
unknown6.73	6.73	70.2	ng	2578650	1	6.95	734366	20.0
Decane, 2,6,7-tri...	8.64	30.0	ng	1871420	2	8.24	1245840	20.0
Tetradecane	8.81	31.4	ng	1952700	2	8.24	1245840	20.0
Heptylcyclohexane	9.13	24.2	ng	991511	3	10.00	817933	20.0
Undecane, 3-methyl-	9.21	20.4	ng	832920	3	10.00	817933	20.0
Dodecane, 2,6,11-...	9.24	71.6	ng	2928720	3	10.00	817933	20.0
Tridecane, 6-methyl-	9.38	89.6	ng	3662530	3	10.00	817933	20.0
Bacchotricuneatin c	9.91	84.5	ng	3456930	3	10.00	817933	20.0
Dodecane, 2-methy...	10.22	27.5	ng	1124090	3	10.00	817933	20.0
Hexadecane	10.41	68.4	ng	2797170	3	10.00	817933	20.0
Undecane, 3,5-dim...	10.62	78.7	ng	3220000	3	10.00	817933	20.0
Undecane, 6-ethyl-	10.90	123.0	ng	5172250	4	11.49	841023	20.0
2-Bromo dodecane	11.33	55.7	ng	2341150	4	11.49	841023	20.0
Heptadecane, 2,6,...	11.36	41.7	ng	1753980	4	11.49	841023	20.0
Tridecanoic acid	12.01	18.5	ng	779625	4	11.49	841023	20.0
Octadecane	12.16	38.7	ng	1625940	4	11.49	841023	20.0
Heneicosane	12.55	36.7	ng	1545110	4	11.49	841023	20.0
Pentacosane	16.09	18.8	ng	851306	6	15.68	903731	20.0