

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110918\
 Data File : BF110644.D
 Acq On : 9 Nov 2018 22:58
 Operator : JU/SJ
 Sample : J5860-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP2-SB-106(2-4)

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-BF110818.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	2.240	22	26	33	rVB	39819	55186	5.33%	0.297%
2	5.169	520	524	536	rBV	43825	56531	5.46%	0.304%
3	5.563	587	591	602	rVB	703785	740342	71.45%	3.985%
4	5.963	651	659	662	rBV4	24563	39491	3.81%	0.213%
5	6.004	662	666	673	rVV2	21734	33497	3.23%	0.180%
6	6.098	680	682	685	rVB2	29527	24524	2.37%	0.132%
7	6.175	691	695	697	rBV	57359	66650	6.43%	0.359%
8	6.192	697	698	703	rVV	55209	48347	4.67%	0.260%
9	6.234	703	705	708	rVB	41662	35204	3.40%	0.190%
10	6.369	724	728	732	rBV3	42704	65028	6.28%	0.350%
11	6.422	732	737	741	rVV	119547	143744	13.87%	0.774%
12	6.469	741	745	748	rVV4	77746	122022	11.78%	0.657%
13	6.516	751	753	755	rVV	45709	43846	4.23%	0.236%
14	6.563	758	761	767	rVV	854692	890448	85.93%	4.793%
15	6.610	767	769	776	rVV3	86032	136621	13.18%	0.735%
16	6.675	776	780	783	rVV3	58030	89169	8.61%	0.480%
17	6.710	783	786	792	rVV	1034715	958310	92.48%	5.159%
18	6.763	792	795	799	rVV	195248	187219	18.07%	1.008%
19	6.792	799	800	803	rVV2	40224	32045	3.09%	0.173%
20	6.822	803	805	807	rVV2	24043	24490	2.36%	0.132%
21	6.863	807	812	815	rVV2	56490	99864	9.64%	0.538%
22	6.910	815	820	822	rVV3	69843	140635	13.57%	0.757%
23	6.945	822	826	829	rVV2	682901	708648	68.39%	3.815%
24	6.998	829	835	840	rVV4	87880	246685	23.81%	1.328%
25	7.051	840	844	846	rVV	229843	280198	27.04%	1.508%
26	7.075	846	848	850	rVV2	152237	193779	18.70%	1.043%
27	7.098	850	852	860	rVV	813009	805460	77.73%	4.336%
28	7.157	860	862	864	rVV	71843	69785	6.73%	0.376%
29	7.204	864	870	873	rVV2	303193	407211	39.30%	2.192%
30	7.234	873	875	877	rVV	94525	91174	8.80%	0.491%
31	7.269	877	881	885	rVV2	178709	270187	26.07%	1.454%
32	7.310	885	888	890	rVV	97344	118853	11.47%	0.640%
33	7.334	890	892	894	rVV	151800	140392	13.55%	0.756%
34	7.363	894	897	901	rVV2	106502	157621	15.21%	0.848%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.404	901	904	906	rVV2	61769	82294	7.94%	0.443%
36	7.469	910	915	918	rVV3	198419	271949	26.24%	1.464%
37	7.510	918	922	929	rVV	653749	780233	75.30%	4.200%
38	7.563	929	931	932	rVV	81841	76201	7.35%	0.410%
39	7.581	932	934	937	rVV2	132109	143287	13.83%	0.771%
40	7.628	937	942	947	rVV4	88906	198485	19.16%	1.068%
41	7.675	947	950	953	rVV4	61373	93089	8.98%	0.501%
42	7.704	953	955	957	rVV	125332	120945	11.67%	0.651%
43	7.734	957	960	967	rVV4	108920	204054	19.69%	1.098%
44	7.816	970	974	975	rVV2	43369	61488	5.93%	0.331%
45	7.834	975	977	979	rVV2	85041	75526	7.29%	0.407%
46	7.863	979	982	984	rVV3	83951	102331	9.88%	0.551%
47	7.892	984	987	990	rVV2	68555	93062	8.98%	0.501%
48	7.922	990	992	993	rVV	45019	39361	3.80%	0.212%
49	7.957	993	998	1000	rVV4	114590	167855	16.20%	0.904%
50	7.981	1000	1002	1004	rVV2	69790	69099	6.67%	0.372%
51	8.034	1007	1011	1014	rVV3	41499	55475	5.35%	0.299%
52	8.086	1017	1020	1023	rVB	40912	30481	2.94%	0.164%
53	8.192	1035	1038	1039	rVV	21760	24849	2.40%	0.134%
54	8.228	1039	1044	1049	rVV	671733	665586	64.23%	3.583%
55	8.269	1049	1051	1054	rVB	126406	100802	9.73%	0.543%
56	8.304	1054	1057	1063	rVB4	45923	55507	5.36%	0.299%
57	8.504	1087	1091	1096	rVB4	53870	70734	6.83%	0.381%
58	8.545	1096	1098	1104	rBV6	18097	33932	3.27%	0.183%
59	8.628	1110	1112	1114	rVB	85070	57826	5.58%	0.311%
60	8.728	1126	1129	1131	rBV3	19467	21006	2.03%	0.113%
61	8.804	1140	1142	1146	rBV4	15060	23010	2.22%	0.124%
62	8.892	1154	1157	1163	rVB5	31670	40060	3.87%	0.216%
63	9.039	1180	1182	1185	rBV	31253	29068	2.81%	0.156%
64	9.122	1194	1196	1200	rVB2	27283	28799	2.78%	0.155%
65	9.228	1212	1214	1217	rVB	90642	65424	6.31%	0.352%
66	9.298	1222	1226	1234	rBV	1275848	1036197	100.00%	5.578%
67	9.375	1234	1239	1242	rBV2	35171	49193	4.75%	0.265%
68	9.569	1267	1272	1276	rBV3	32324	56501	5.45%	0.304%
69	9.639	1282	1284	1287	rVB2	36831	33372	3.22%	0.180%
70	9.686	1287	1292	1295	rBV3	189140	204958	19.78%	1.103%
71	9.839	1315	1318	1321	rBV4	39701	40451	3.90%	0.218%

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72	9.886	1324	1326	1329	rVB2	50665	37873	3.65%	0.204%
73	9.933	1331	1334	1337	rBV4	25251	34003	3.28%	0.183%
74	9.963	1337	1339	1340	rBV2	31472	25159	2.43%	0.135%
75	9.986	1340	1343	1347	rVB	631636	511928	49.40%	2.756%
76	10.086	1355	1360	1363	rBV3	30188	50664	4.89%	0.273%
77	10.128	1363	1367	1369	rBV4	28962	41359	3.99%	0.223%
78	10.157	1369	1372	1374	rVV	42276	37239	3.59%	0.200%
79	10.180	1374	1376	1380	rVV2	41497	42358	4.09%	0.228%
80	10.222	1380	1383	1391	rVB5	63559	99798	9.63%	0.537%
81	10.298	1393	1396	1400	rBV3	50772	79908	7.71%	0.430%
82	10.333	1400	1402	1406	rVB2	41796	49437	4.77%	0.266%
83	10.386	1407	1411	1414	rBV3	84661	95125	9.18%	0.512%
84	10.427	1415	1418	1420	rVV	26238	24344	2.35%	0.131%
85	10.527	1433	1435	1438	rBV3	29003	31977	3.09%	0.172%
86	10.616	1446	1450	1453	rBV	275863	265333	25.61%	1.428%
87	10.780	1474	1478	1481	rBV	460841	474614	45.80%	2.555%
88	10.880	1492	1495	1499	rBV	511092	507673	48.99%	2.733%
89	11.092	1528	1531	1533	rBV3	61057	66265	6.40%	0.357%
90	11.216	1547	1552	1553	rBV4	77353	116456	11.24%	0.627%
91	11.345	1571	1574	1577	rBV	332986	334928	32.32%	1.803%
92	11.480	1594	1597	1600	rBV	487923	410295	39.60%	2.209%
93	11.698	1631	1634	1637	rBV	161576	171862	16.59%	0.925%
94	12.433	1757	1759	1762	rBV	150934	145276	14.02%	0.782%
95	12.651	1793	1796	1799	rBV2	165100	203738	19.66%	1.097%
96	12.727	1807	1809	1812	rBV2	151642	133426	12.88%	0.718%
97	13.033	1858	1861	1863	rBV	248163	274911	26.53%	1.480%
98	13.063	1863	1866	1872	rVB	769751	683694	65.98%	3.680%
99	14.133	2046	2048	2051	rVB	388163	364776	35.20%	1.964%
100	14.421	2094	2097	2104	rBV2	280527	436521	42.13%	2.350%

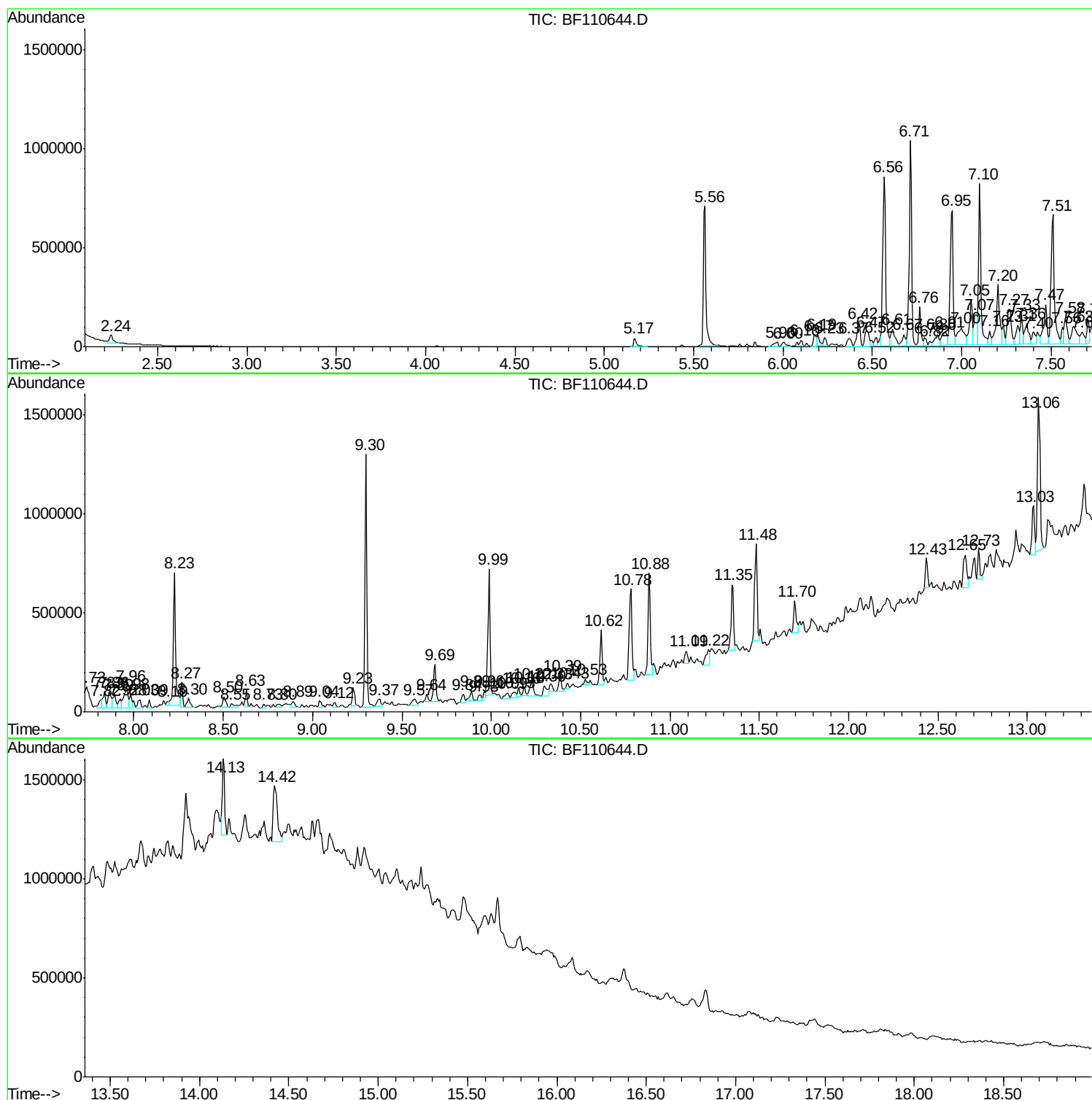
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Instrument :
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EP2-SB-106(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.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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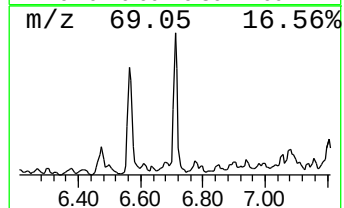
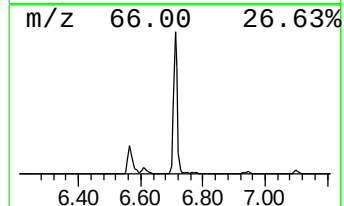
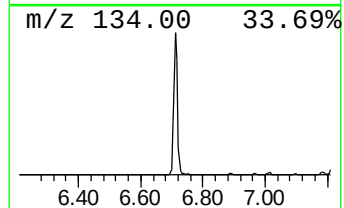
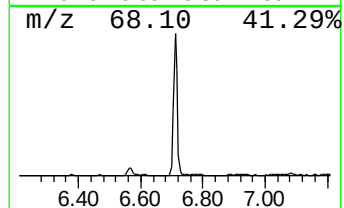
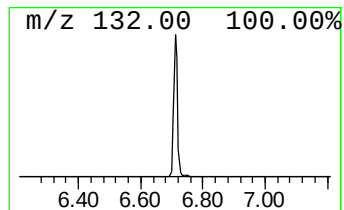
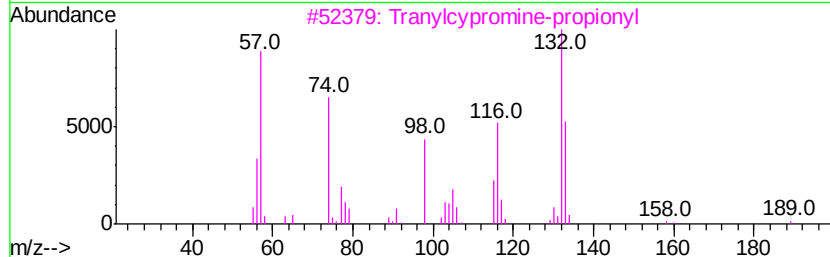
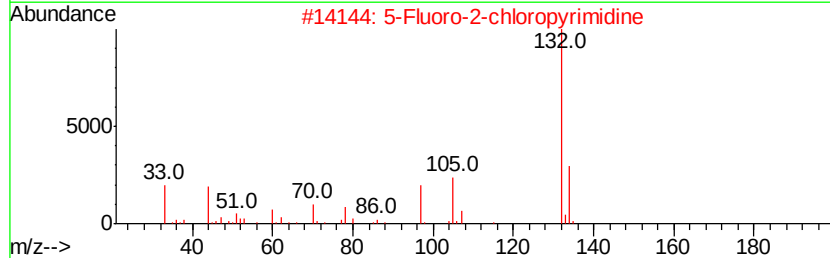
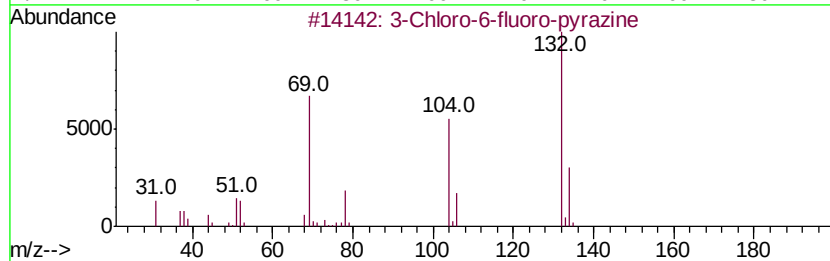
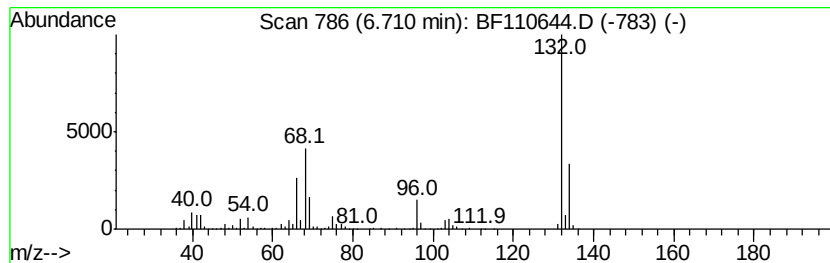
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	27.05 ng	958310	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	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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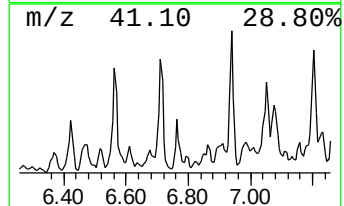
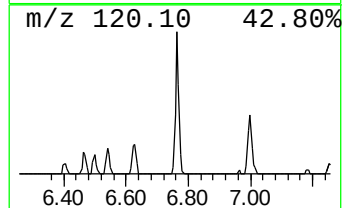
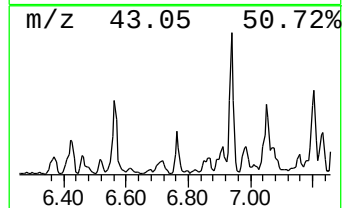
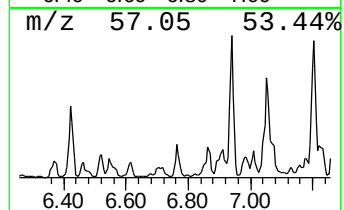
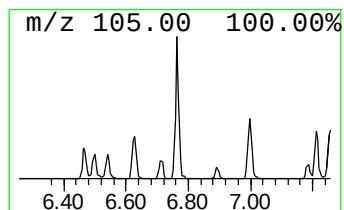
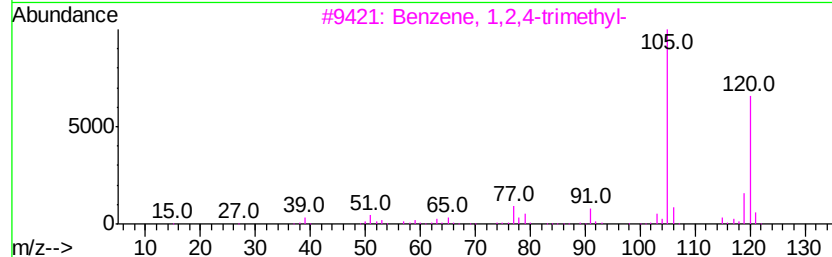
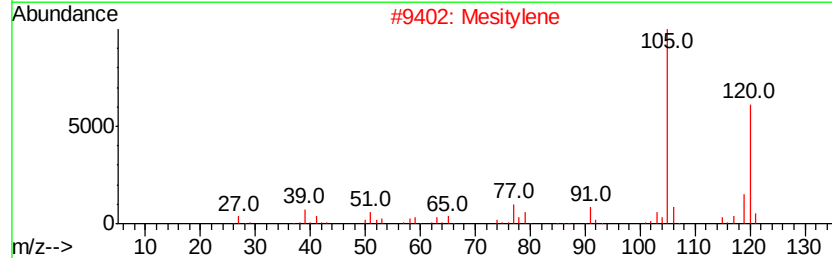
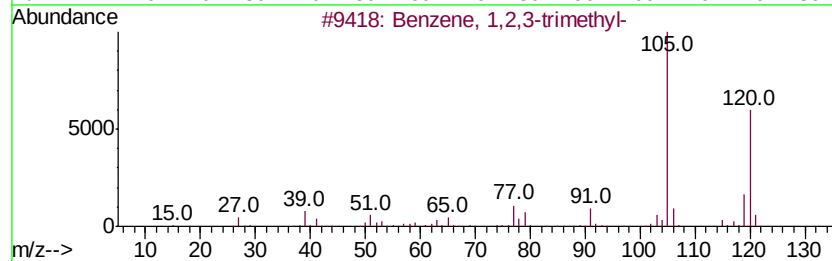
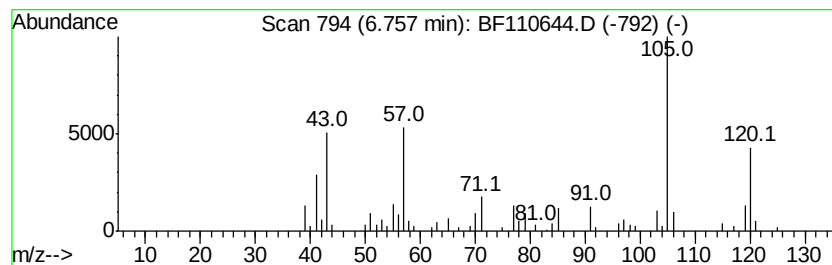
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	5.28 ng	187219	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
5		2,4-Nonadiyne	120	C9H12	063621-15-8	70



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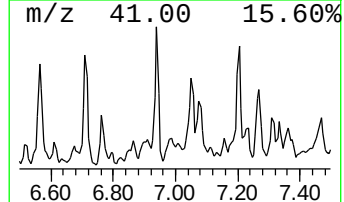
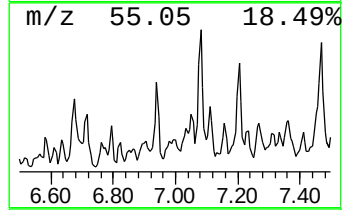
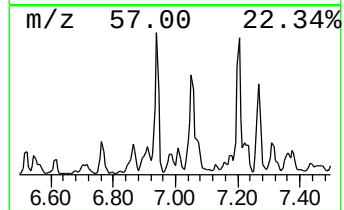
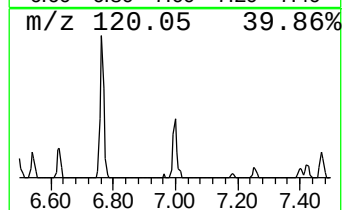
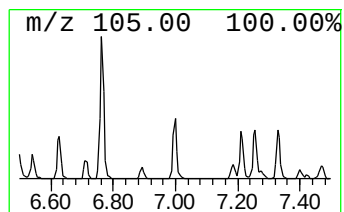
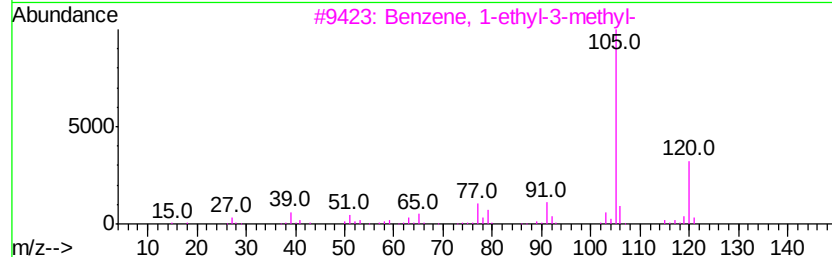
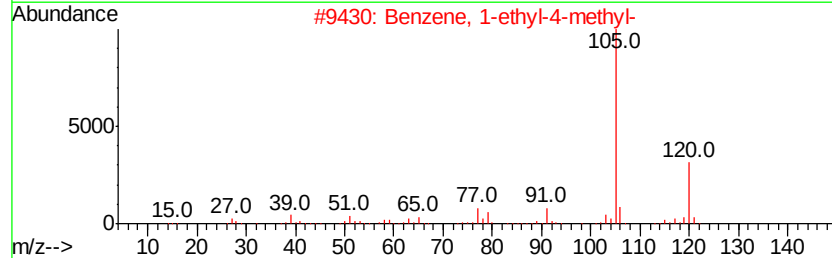
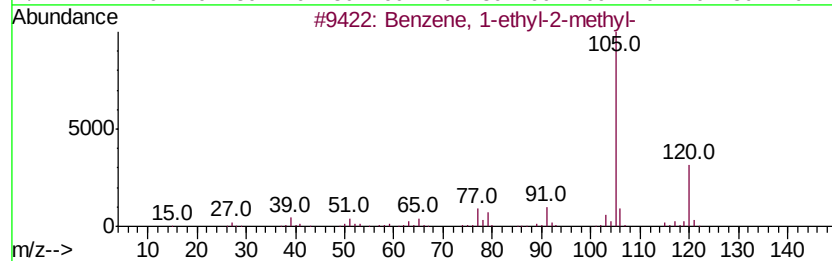
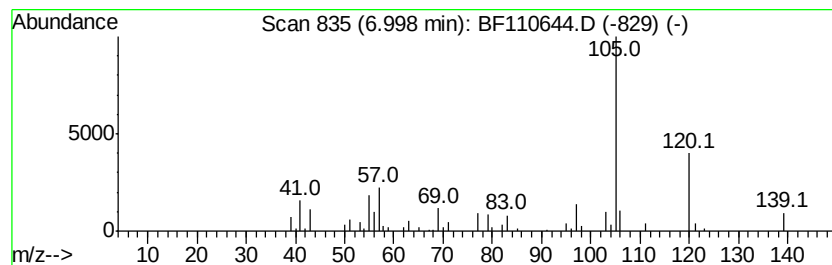
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	6.96 ng	246685	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
4		Mesitylene	120	C9H12	000108-67-8	64
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
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Acq On : 9 Nov 2018 22:58
Operator : JU/SJ
Sample : J5860-16
Misc :
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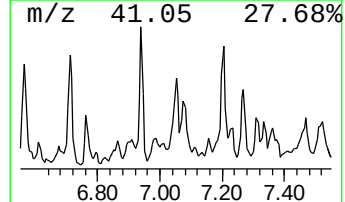
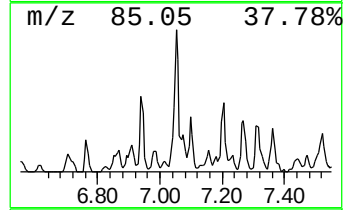
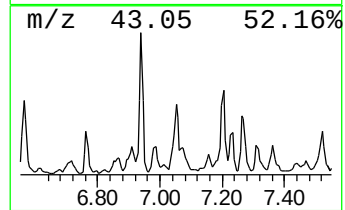
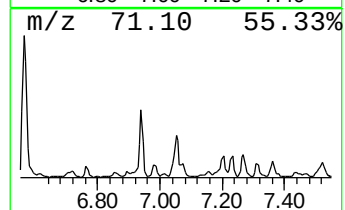
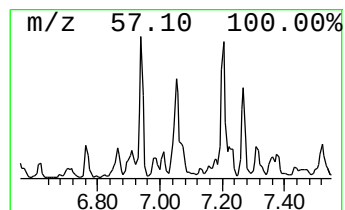
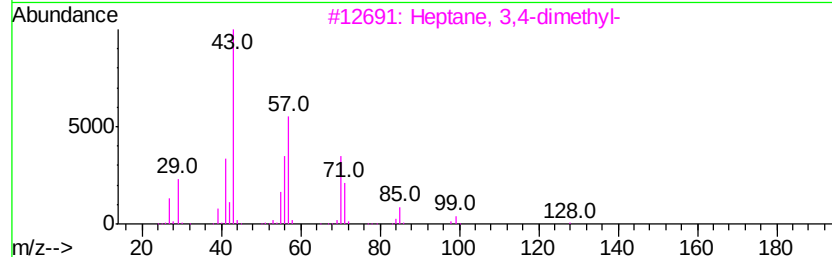
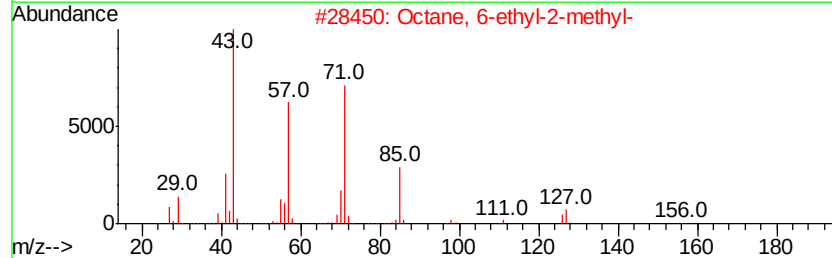
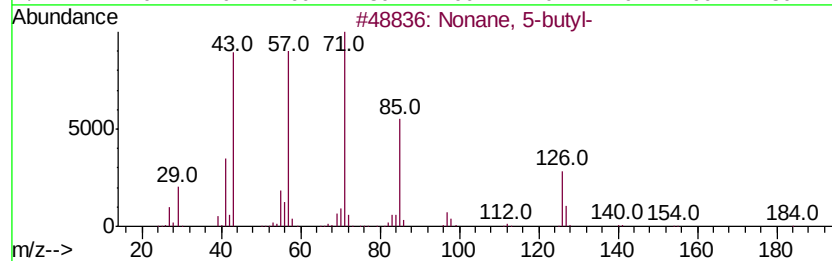
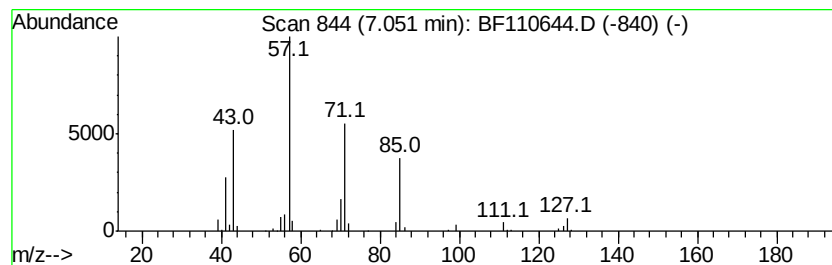
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ClientSampleId :
EP2-SB-106(2-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane, 5-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	7.91 ng	280198	1,4-Dichlorobenzene-d4	6.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 5-butyl-	184 C13H28	017312-63-9	59
2	Octane, 6-ethyl-2-methyl-	156 C11H24	062016-19-7	59
3	Heptane, 3,4-dimethyl-	128 C9H20	000922-28-1	50
4	Heptane, 2,3,4-trimethyl-	142 C10H22	052896-95-4	47
5	Sulfurous acid, butyl pentyl ester	208 C9H20O3S	1000309-17-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110644.D
Acq On : 9 Nov 2018 22:58
Operator : JU/SJ
Sample : J5860-16
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Instrument :
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ClientSampled :
EP2-SB-106(2-4)

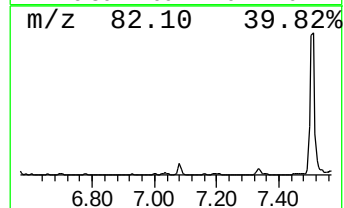
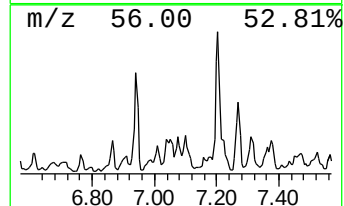
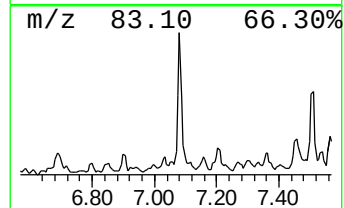
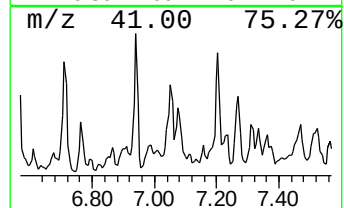
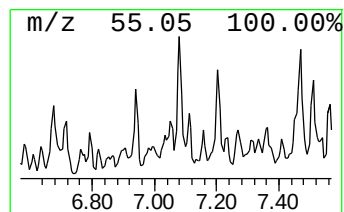
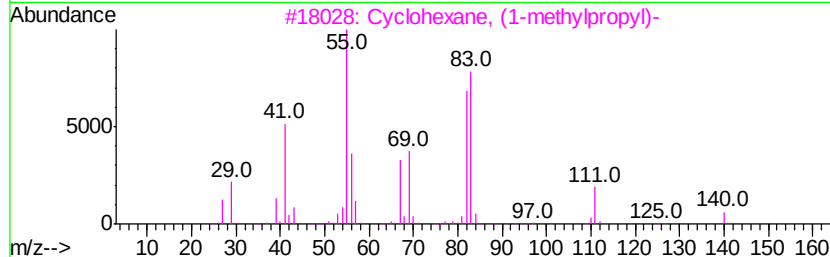
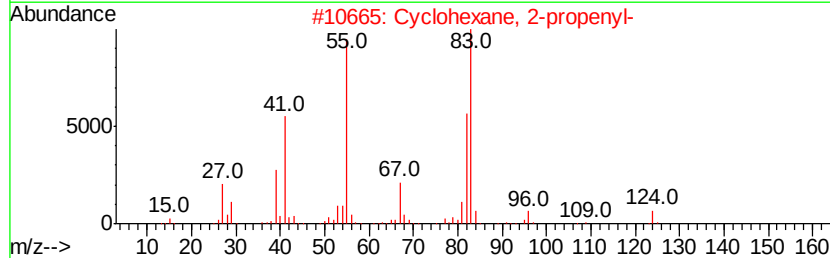
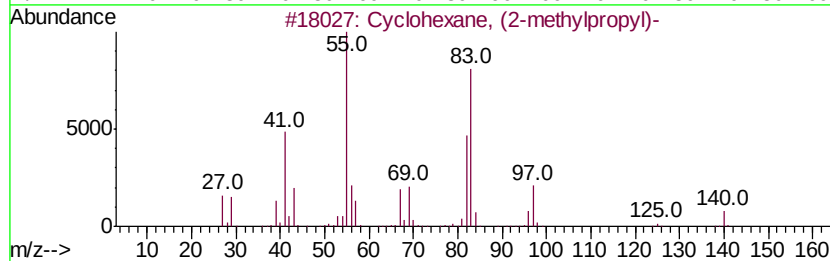
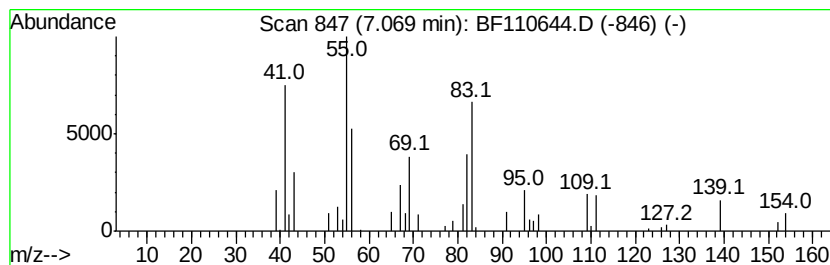
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, (2-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	5.47 ng	193779	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
2		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
3		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	50
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110644.D
Acq On : 9 Nov 2018 22:58
Operator : JU/SJ
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP2-SB-106(2-4)

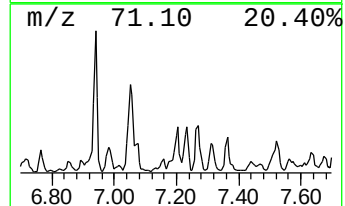
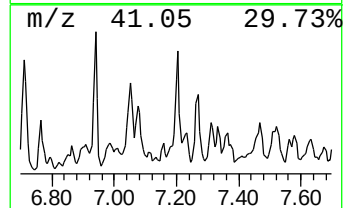
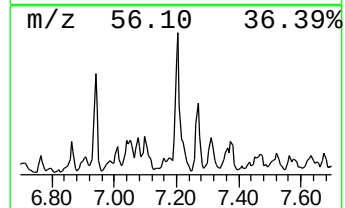
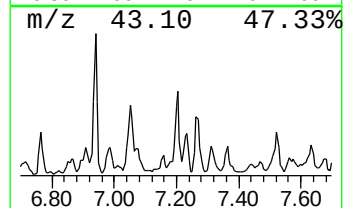
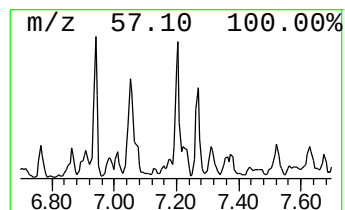
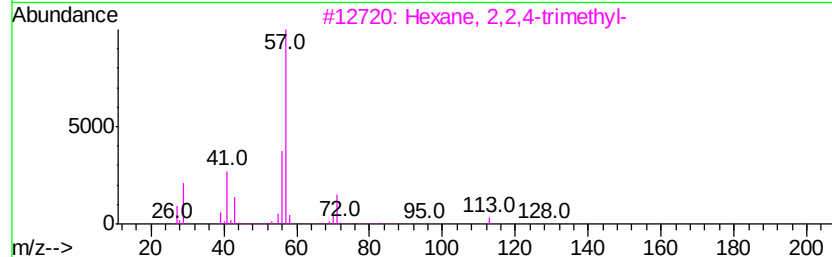
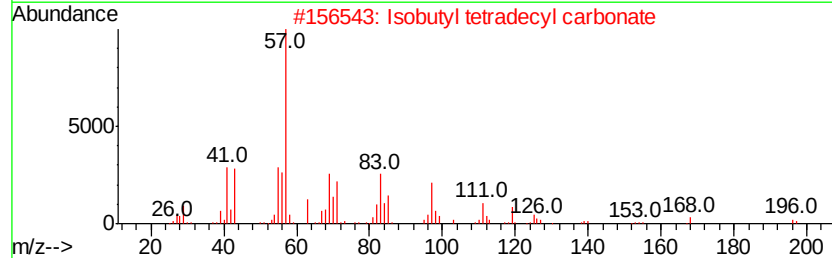
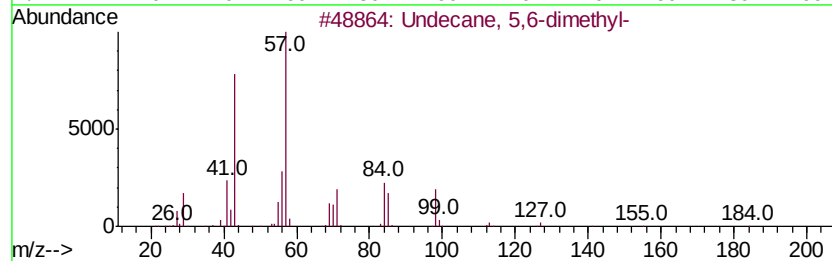
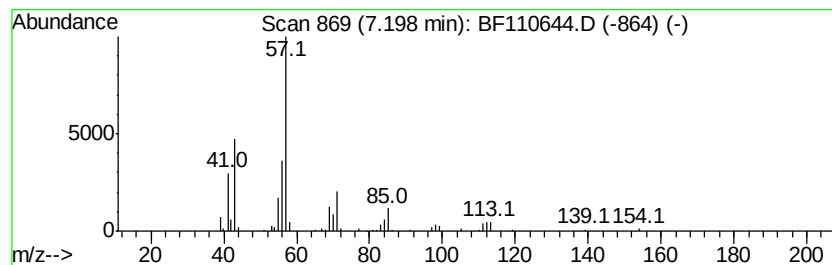
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 5,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	11.49 ng	407211	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	64
3		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
5		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110644.D
Acq On : 9 Nov 2018 22:58
Operator : JU/SJ
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Instrument :
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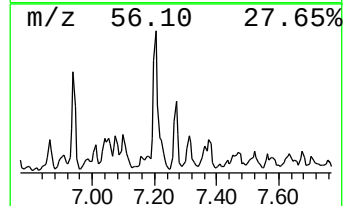
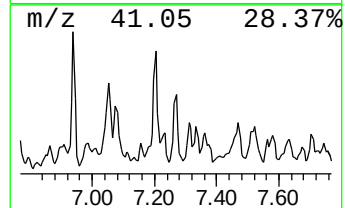
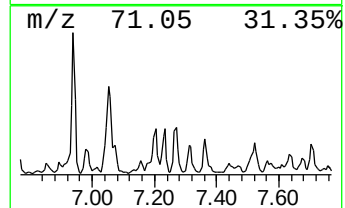
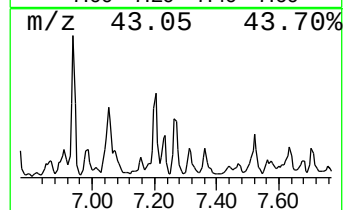
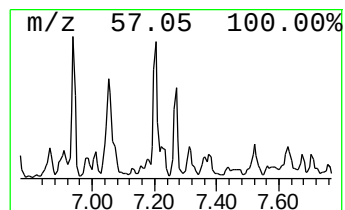
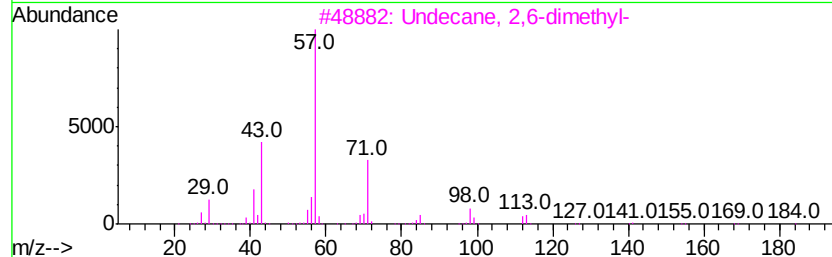
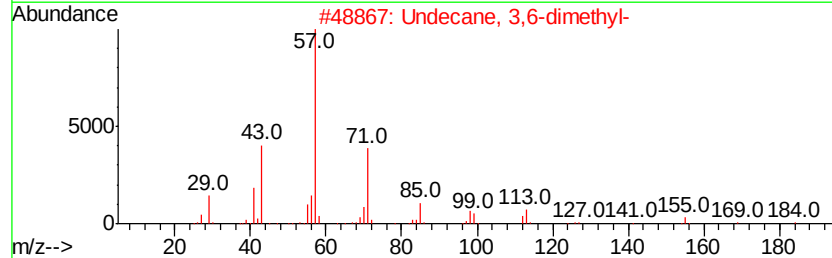
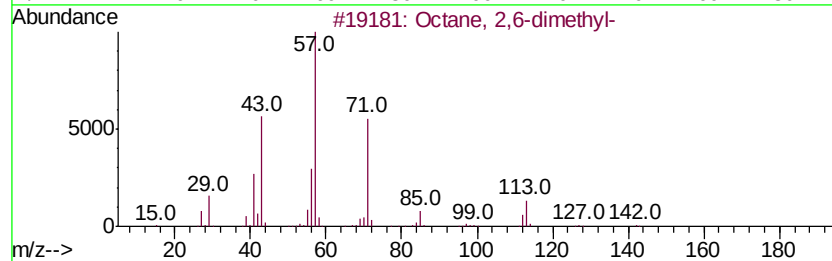
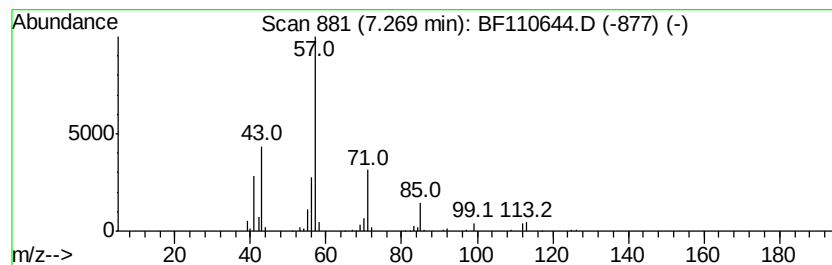
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	7.63 ng	270187	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4		Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
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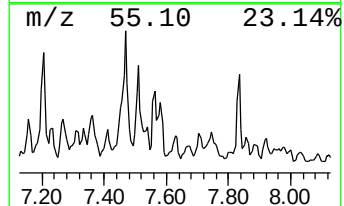
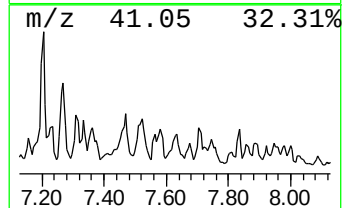
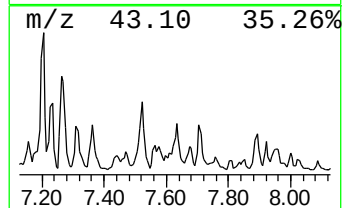
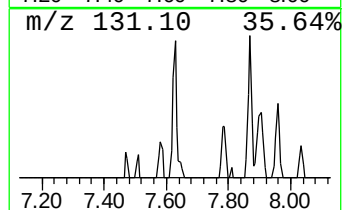
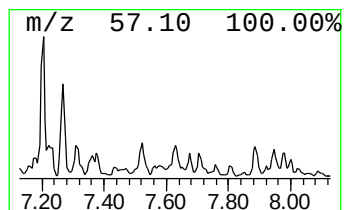
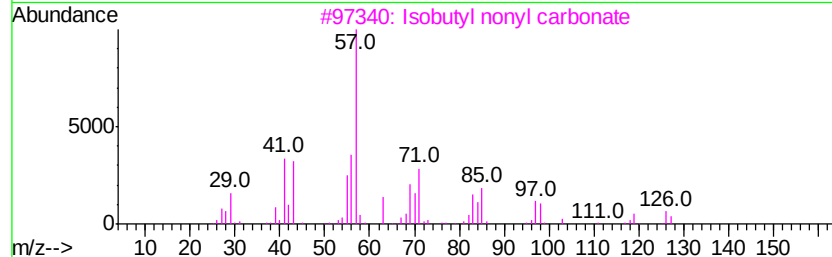
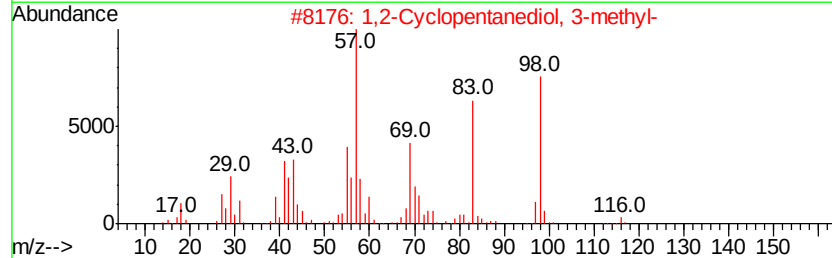
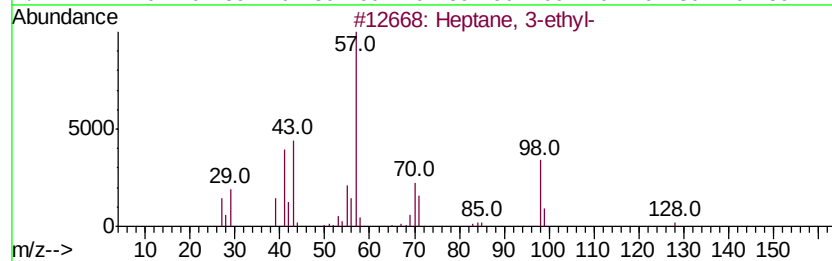
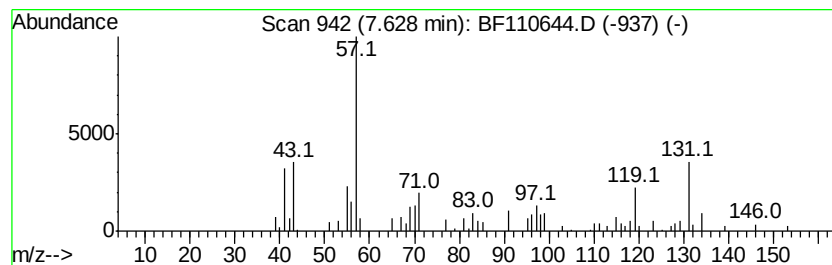
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.63 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	5.96 ng	198485	Naphthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	38
2		1,2-Cyclopentanediol, 3-methyl-	116	C6H12O2	027583-37-5	35
3		Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	27
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	27
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110644.D
Acq On : 9 Nov 2018 22:58
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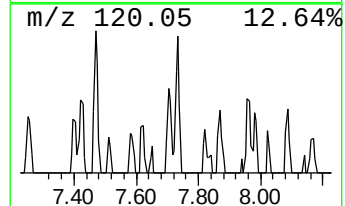
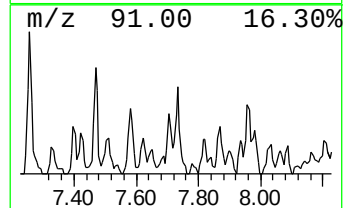
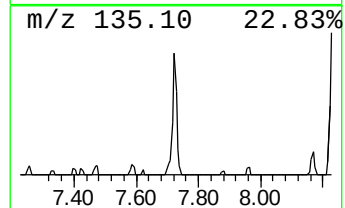
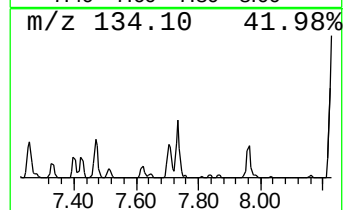
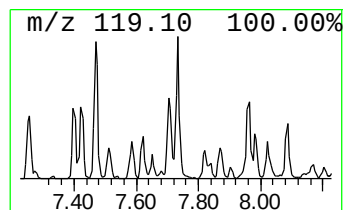
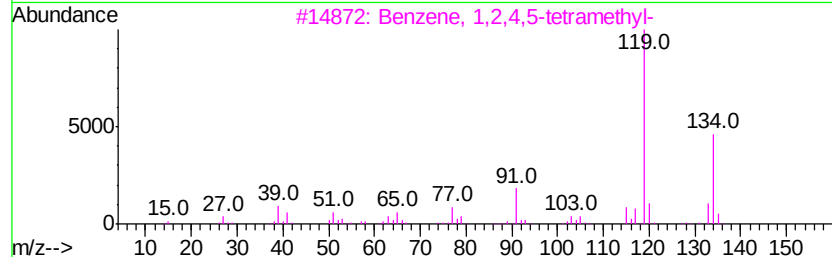
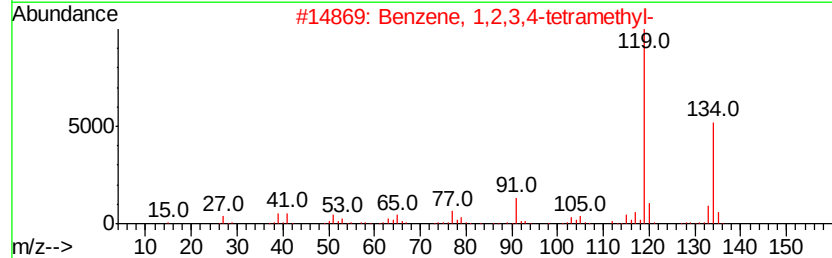
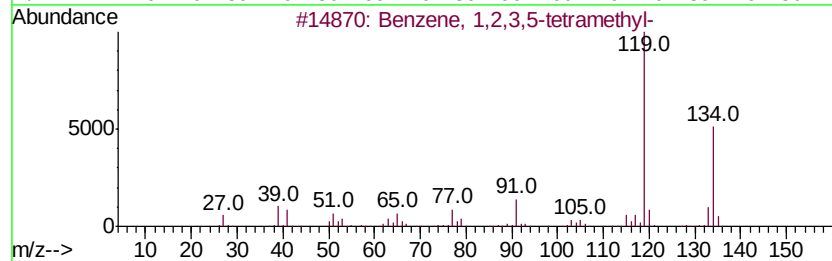
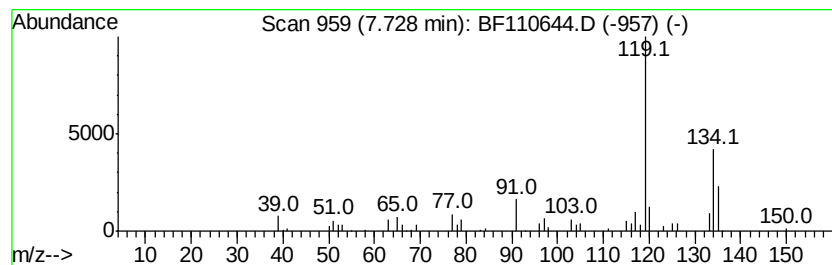
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	6.13 ng	204054	Naphthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110644.D
Acq On : 9 Nov 2018 22:58
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Instrument :
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ClientSampleId :
EP2-SB-106(2-4)

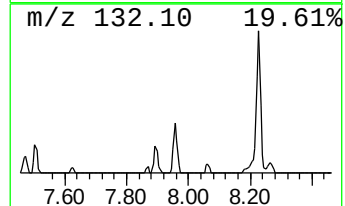
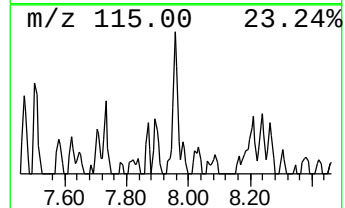
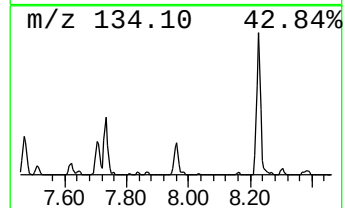
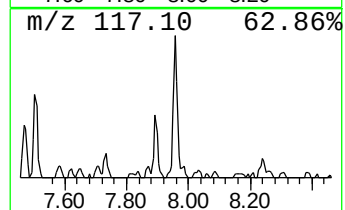
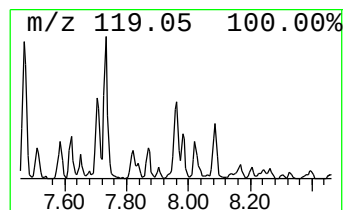
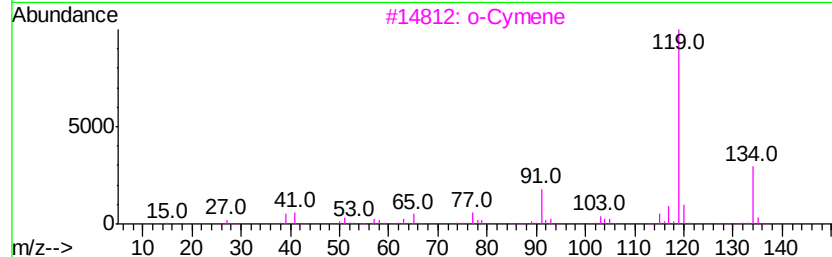
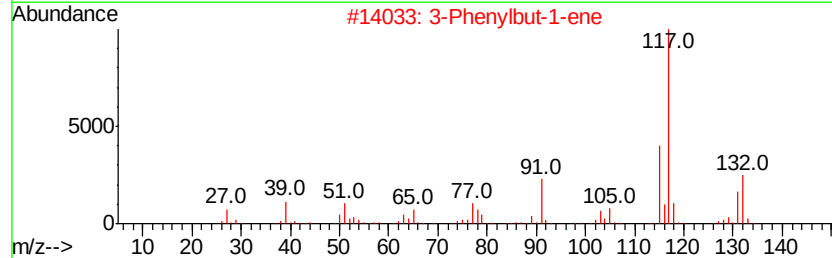
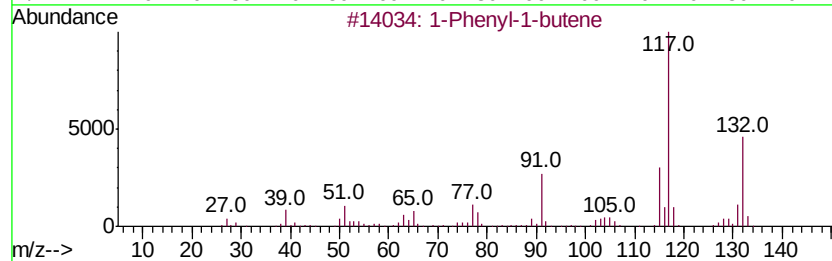
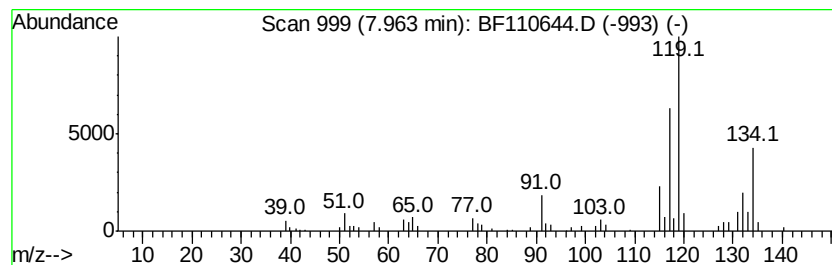
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Phenyl-1-butene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	5.04 ng	167855	Naphthalene-d8	8.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	50
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
3			o-Cymene	134	C10H14	000527-84-4	50
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110644.D
Acq On : 9 Nov 2018 22:58
Operator : JU/SJ
Sample : J5860-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP2-SB-106(2-4)

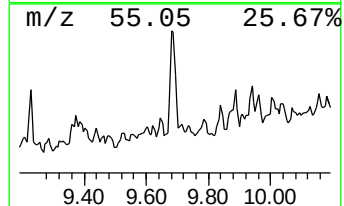
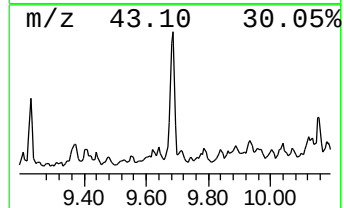
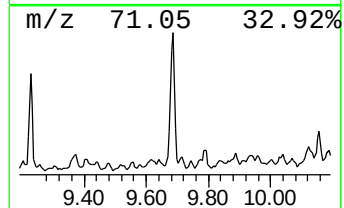
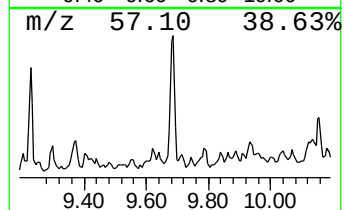
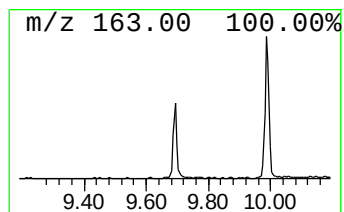
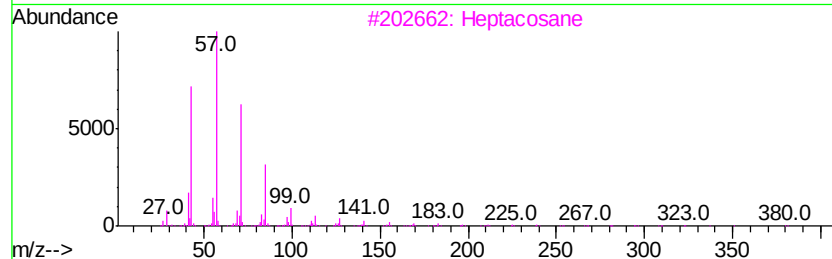
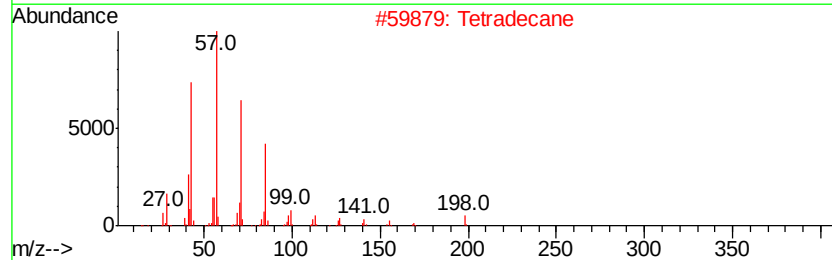
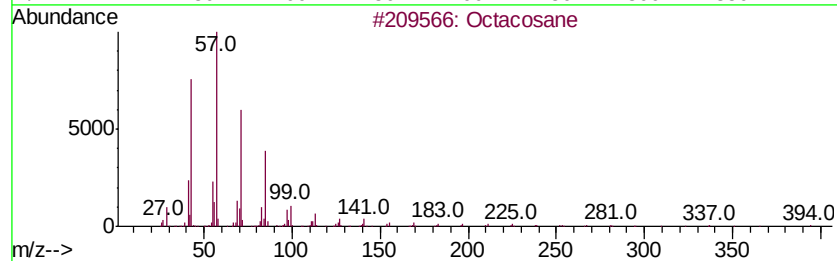
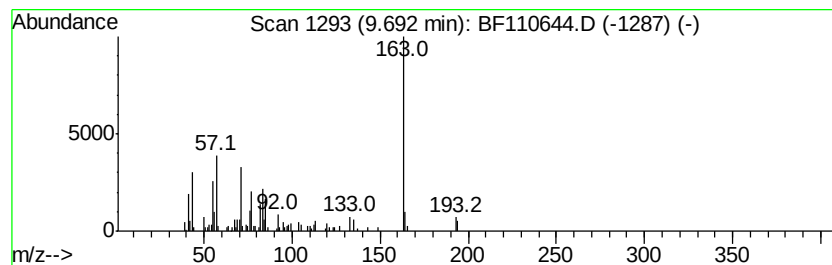
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	8.01 ng	204958	Acenaphthene-d10	9.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	62
2		Tetradecane	198	C14H30	000629-59-4	52
3		Heptacosane	380	C27H56	000593-49-7	52
4		Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	52
5		Heneicosane	296	C21H44	000629-94-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
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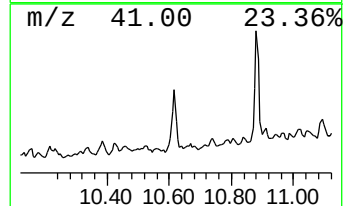
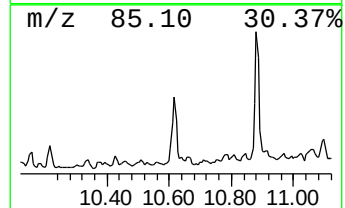
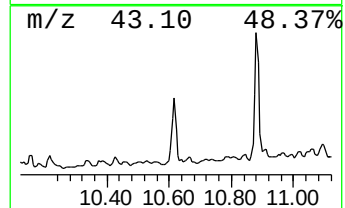
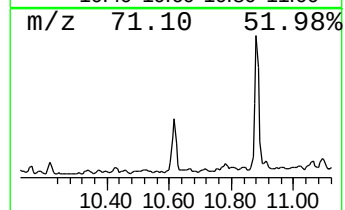
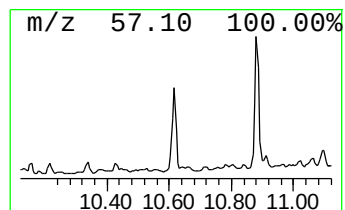
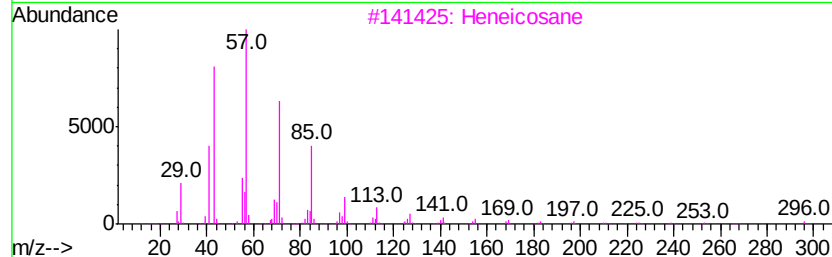
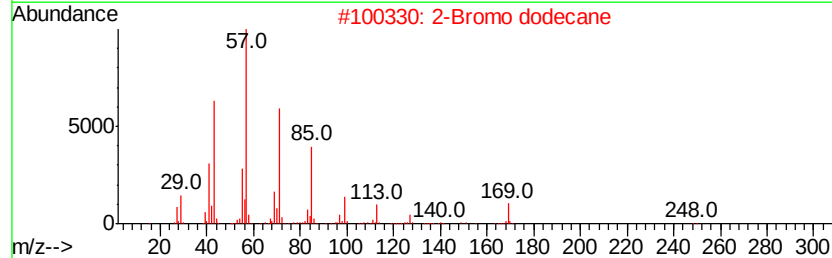
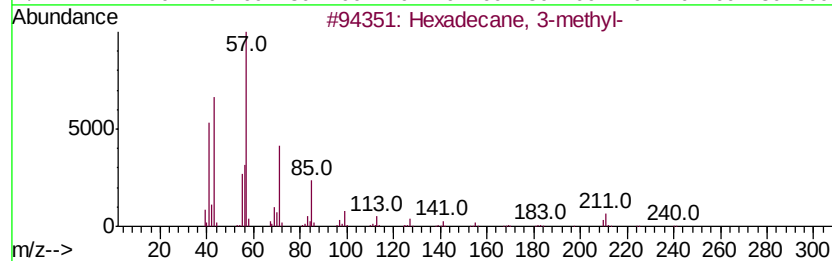
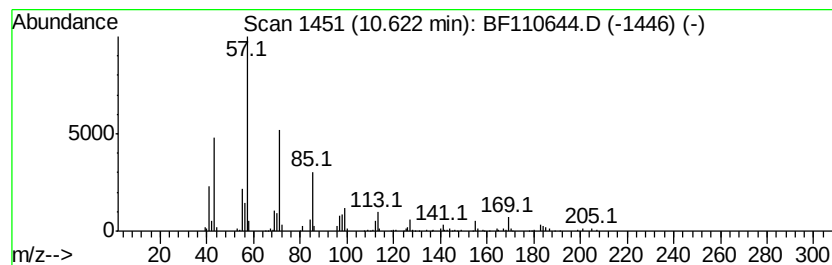
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	10.37 ng	265333	Acenaphthene-d10	9.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hexadecane, 3-methyl-	240 C17H36	006418-43-5 80
2		2-Bromo dodecane	248 C12H25Br	013187-99-0 80
3		Heneicosane	296 C21H44	000629-94-7 72
4		Octacosane	394 C28H58	000630-02-4 72
5		Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3 70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
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Sample : J5860-16
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ClientSampleId :
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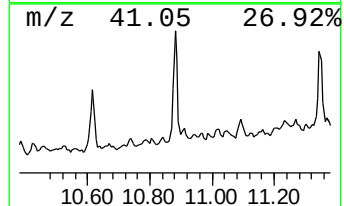
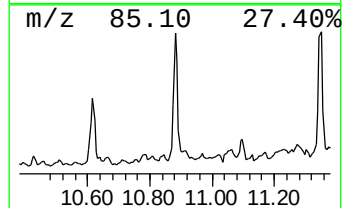
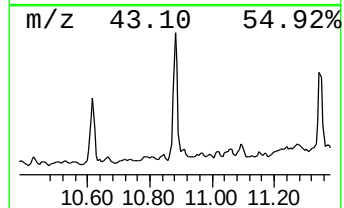
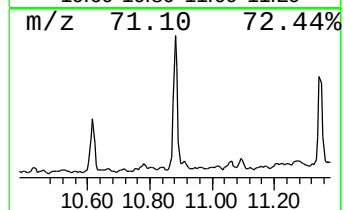
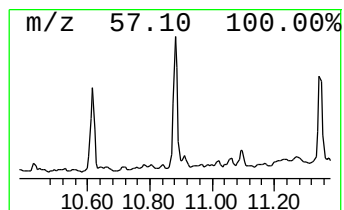
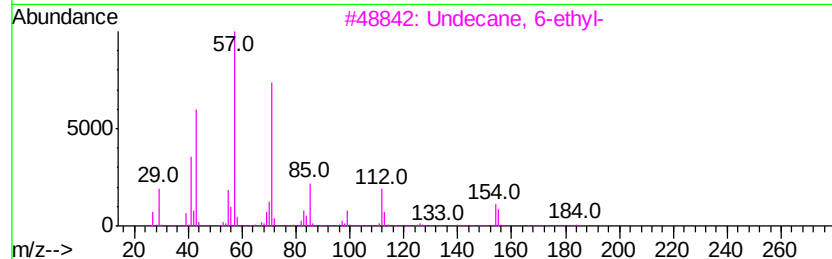
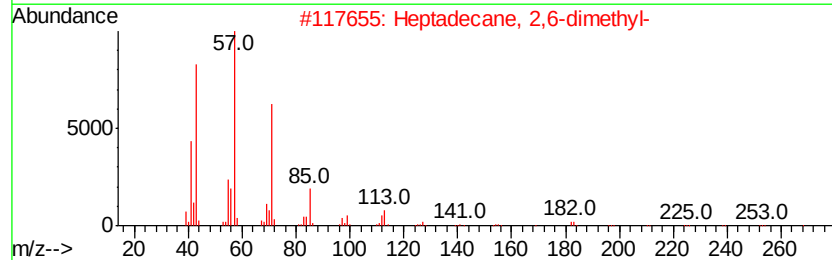
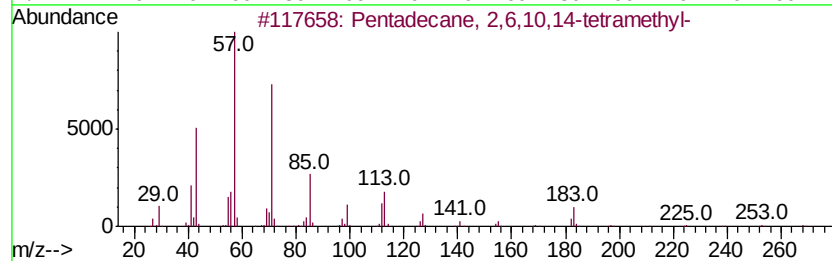
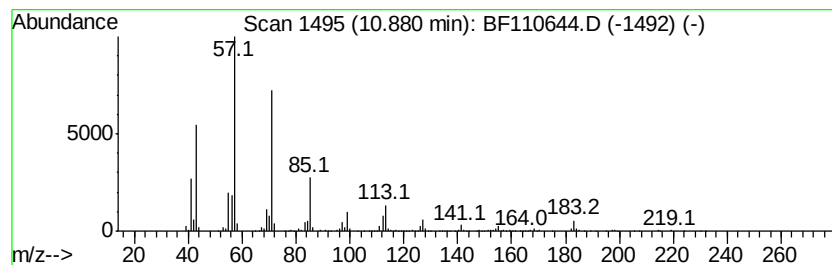
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	24.75 ng	507673	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86
3		Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
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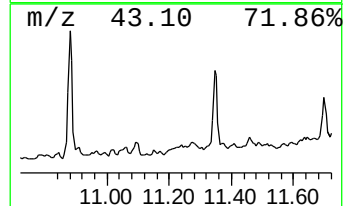
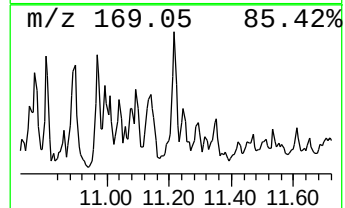
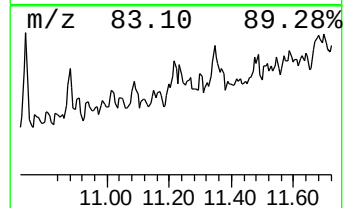
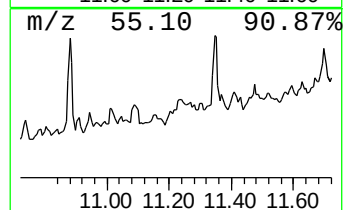
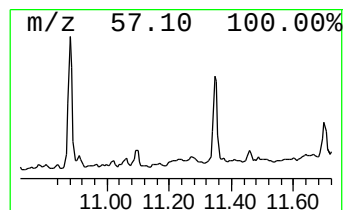
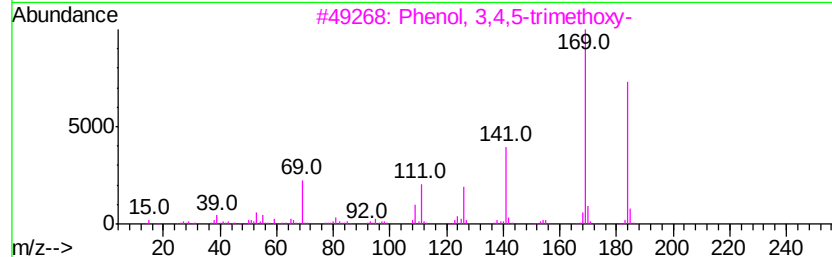
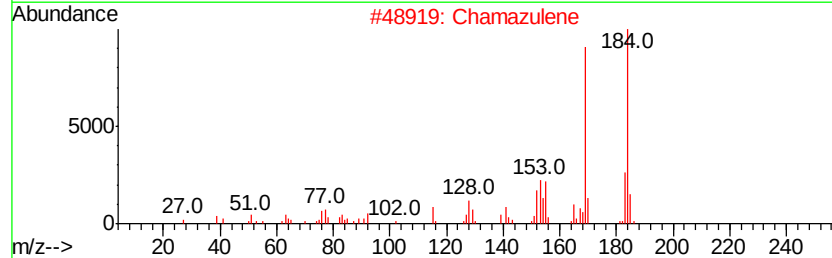
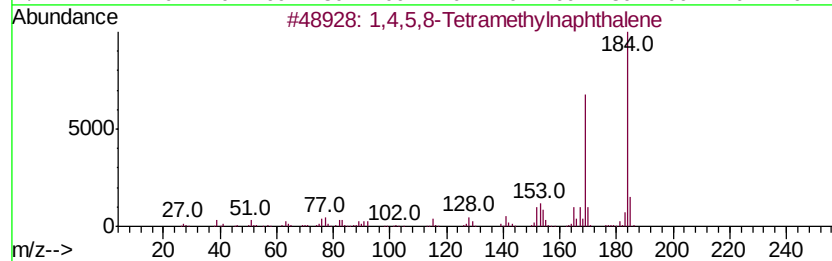
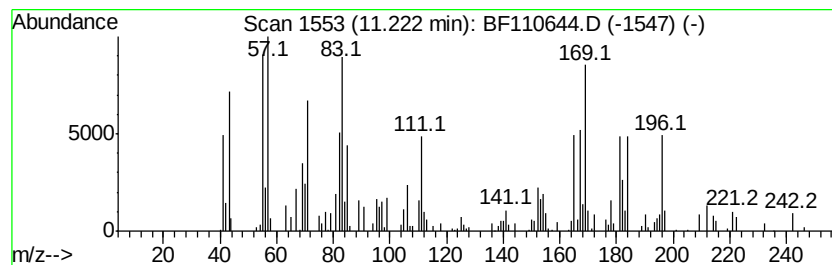
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,4,5,8-Tetramethylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.22	5.68 ng	116456	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	89
2	Chamazulene	184	C14H16	000529-05-5	86
3	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	60
4	3,4,4-Trimethyl-5-methylene-2-et...	184	C9H16N2S	037120-36-8	55
5	3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
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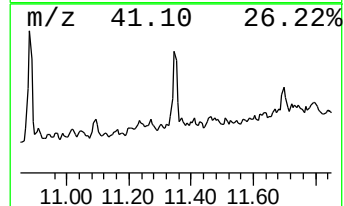
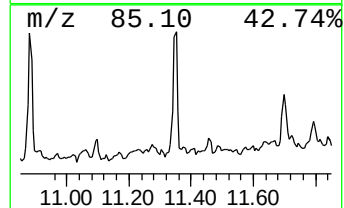
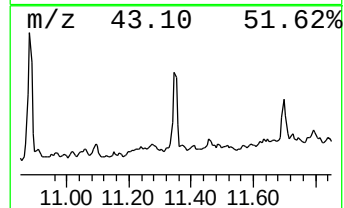
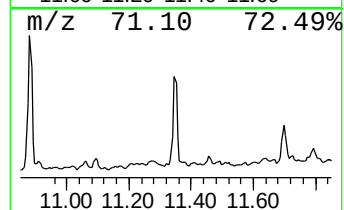
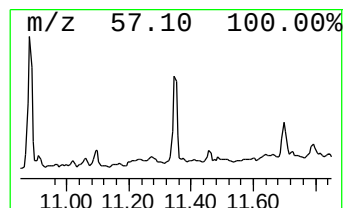
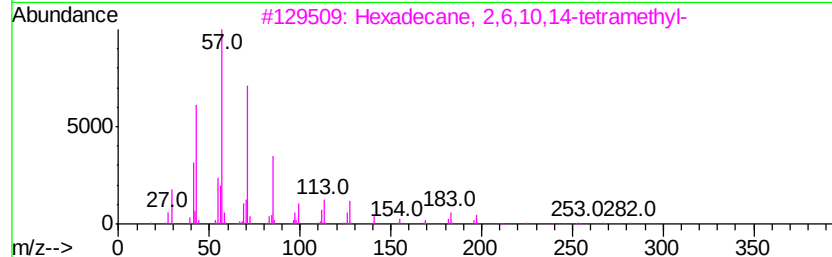
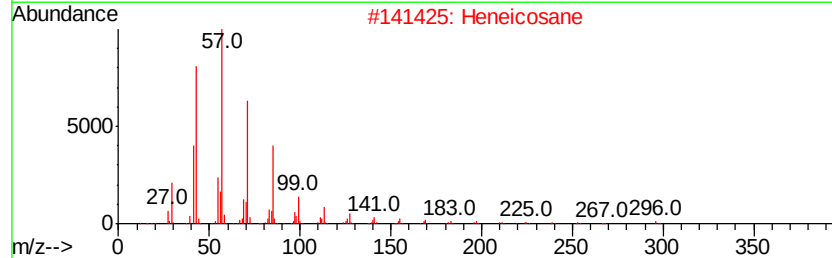
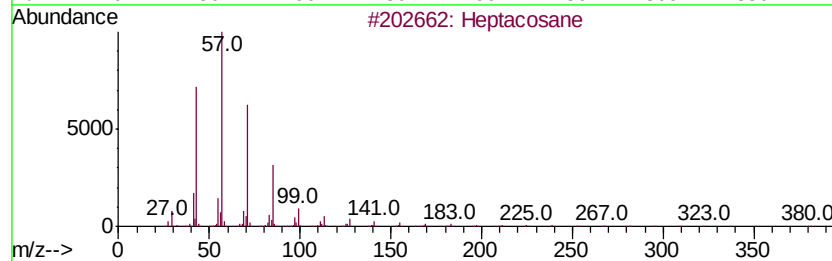
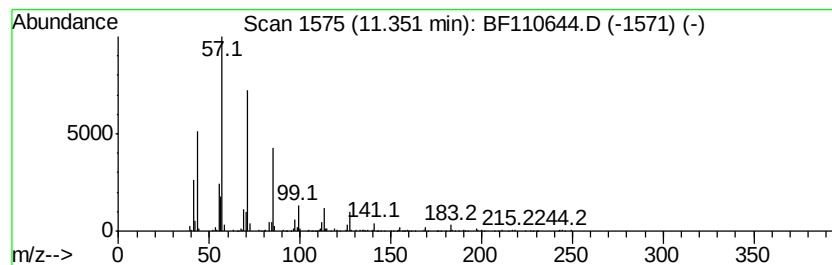
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	16.33 ng	334928	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110644.D
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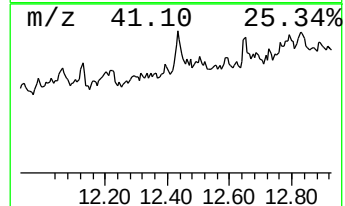
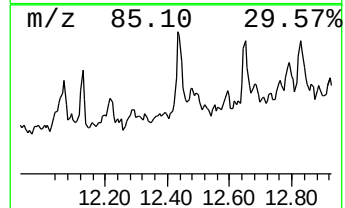
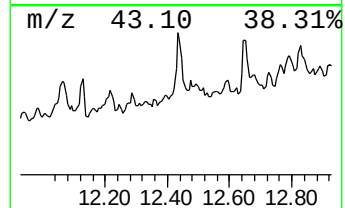
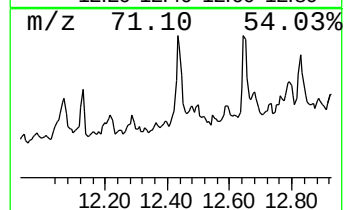
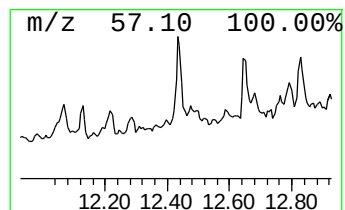
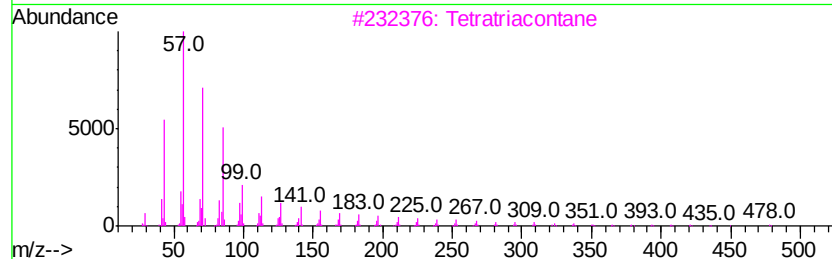
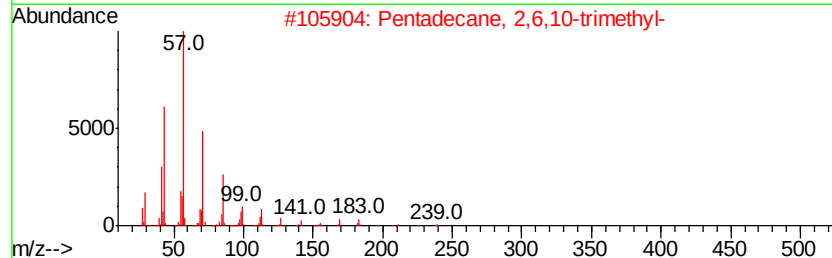
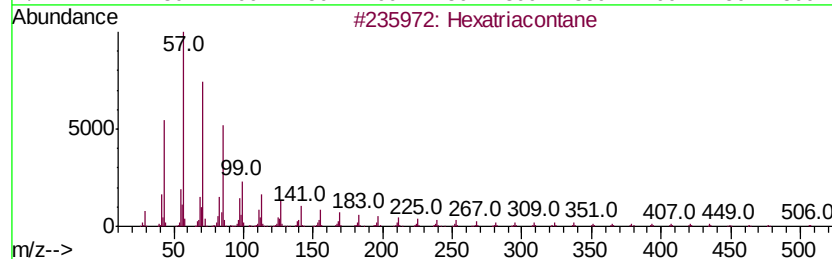
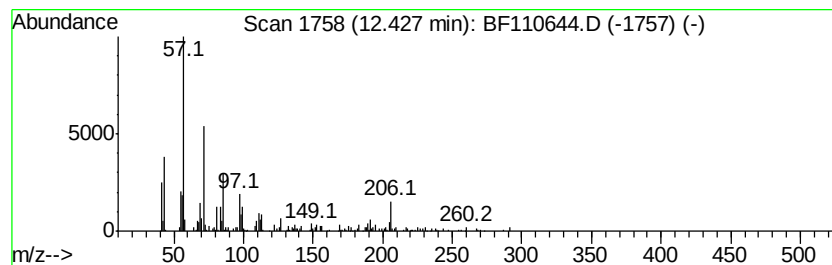
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Hexatriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	7.08 ng	145276	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	78
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
3		Tetratriacontane	479	C34H70	014167-59-0	78
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
5		Heneicosane	296	C21H44	000629-94-7	72



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ALS Vial : 15 Sample Multiplier: 1

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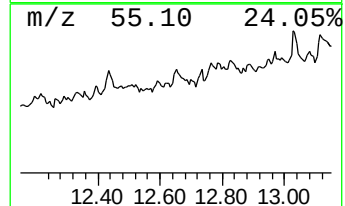
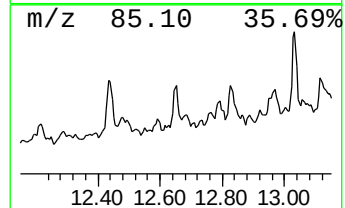
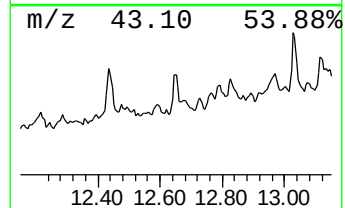
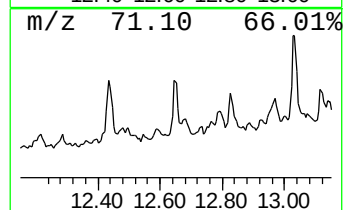
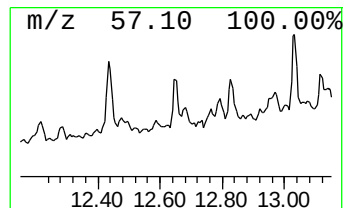
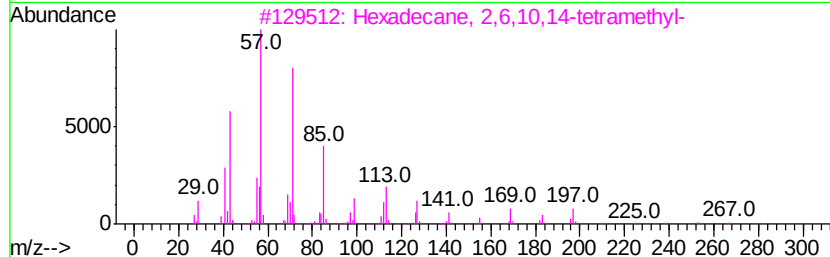
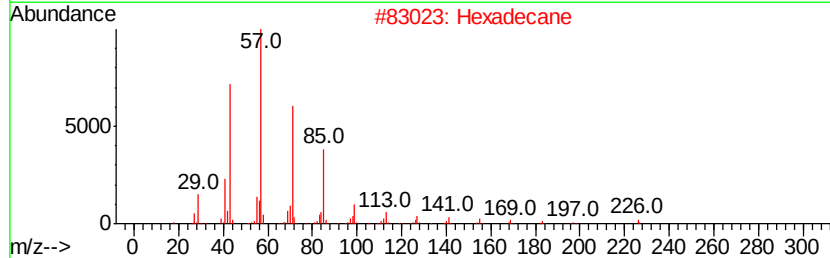
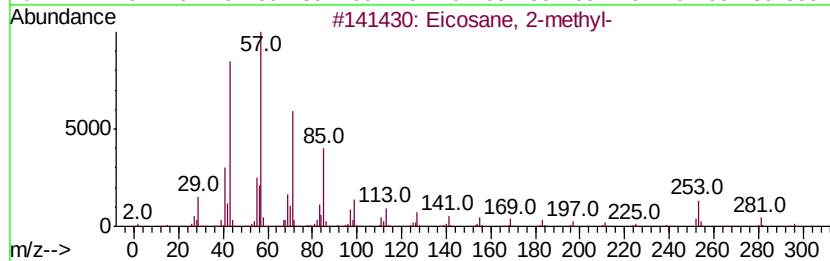
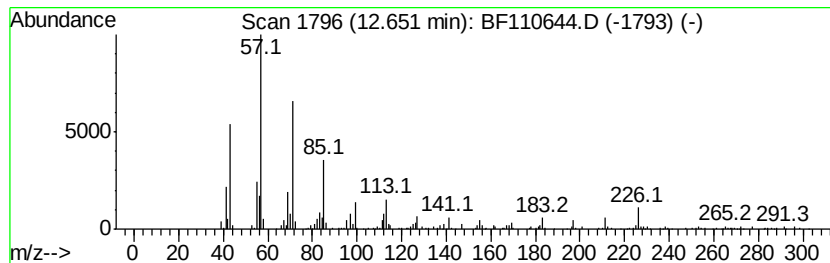
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.93 ng	203738	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110644.D
Acq On : 9 Nov 2018 22:58
Operator : JU/SJ
Sample : J5860-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

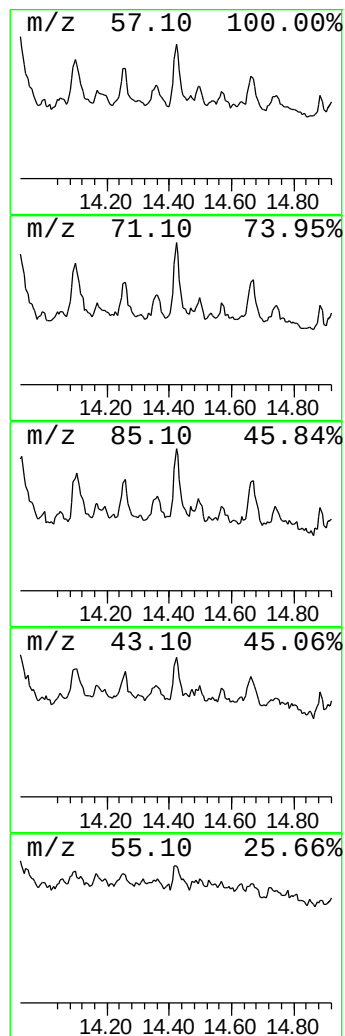
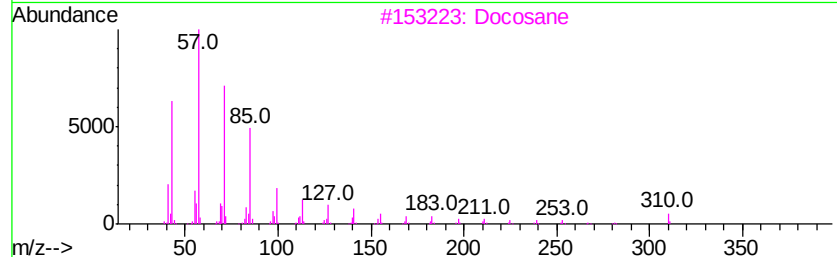
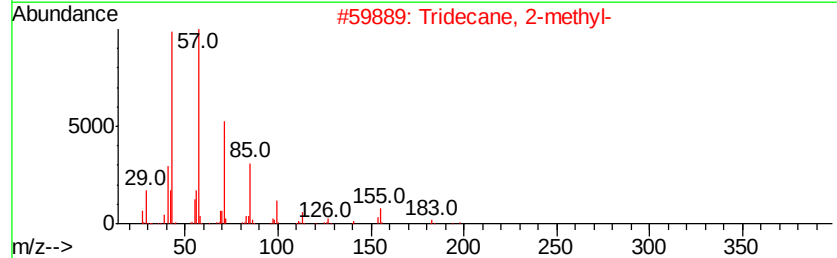
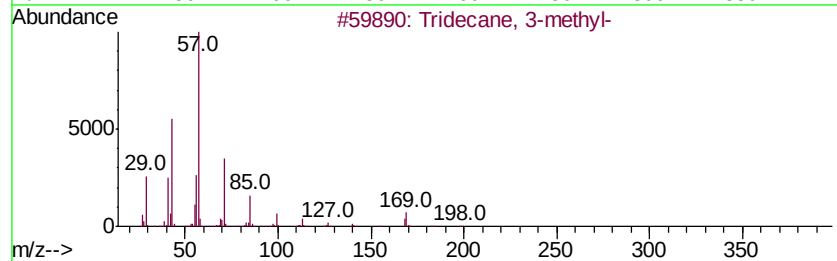
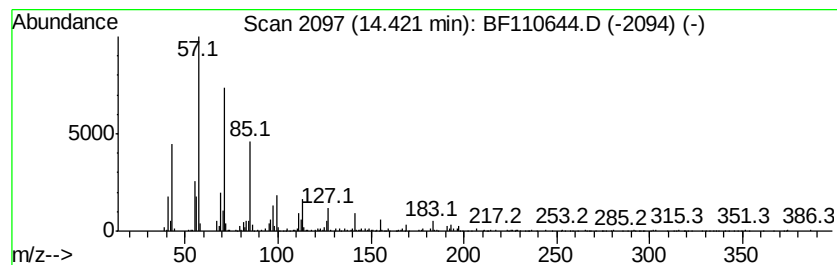
Instrument :
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ClientSampleId :
EP2-SB-106(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	23.93 ng	436521	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane, 3-methyl-	198 C14H30	006418-41-3	94
2	Tridecane, 2-methyl-	198 C14H30	001560-96-9	93
3	Docosane	310 C22H46	000629-97-0	91
4	Tetracosane, 11-decyl-	479 C34H70	055429-84-0	91
5	Heptacosane	380 C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110918\
 Data File : BF110644.D
 Acq On : 9 Nov 2018 22:58
 Operator : JU/SJ
 Sample : J5860-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP2-SB-106(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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
unknown6.71	6.71	27.1	ng	958310	1	6.95	708648	20.0
Benzene, 1,2,3-tr...	6.76	5.3	ng	187219	1	6.95	708648	20.0
Benzene, 1-ethyl-...	7.00	7.0	ng	246685	1	6.95	708648	20.0
Nonane, 5-butyl-	7.05	7.9	ng	280198	1	6.95	708648	20.0
Cyclohexane, (2-m...	7.07	5.5	ng	193779	1	6.95	708648	20.0
Undecane, 5,6-dim...	7.20	11.5	ng	407211	1	6.95	708648	20.0
Octane, 2,6-dimet...	7.27	7.6	ng	270187	1	6.95	708648	20.0
unknown7.63	7.63	6.0	ng	198485	2	8.23	665586	20.0
Benzene, 1,2,3,5-...	7.73	6.1	ng	204054	2	8.23	665586	20.0
1-Phenyl-1-butene	7.96	5.0	ng	167855	2	8.23	665586	20.0
Octacosane	9.69	8.0	ng	204958	3	9.99	511928	20.0
Hexadecane, 3-met...	10.62	10.4	ng	265333	3	9.99	511928	20.0
Pentadecane, 2,6,...	10.88	24.8	ng	507673	4	11.48	410295	20.0
1,4,5,8-Tetrameth...	11.22	5.7	ng	116456	4	11.48	410295	20.0
Heptacosane	11.35	16.3	ng	334928	4	11.48	410295	20.0
Hexatriacontane	12.43	7.1	ng	145276	4	11.48	410295	20.0
Eicosane, 2-methyl-	12.65	9.9	ng	203738	4	11.48	410295	20.0
Tridecane, 3-methyl-	14.42	23.9	ng	436521	5	14.13	364776	20.0