

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009646.D
 Acq On : 07 Feb 2020 13:48
 Operator : CG/JU
 Sample : L1324-17DL 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAT72DL

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:20:52 AM

Quant Time: Feb 07 16:17:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	167926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	707821	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	437919	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	903281	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	809310	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	852926	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	471	0.12	ng/uL	0.02
5) Phenol-d5	6.64	99	14520	0.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	11546	1.17	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	11405	1.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	11080	0.95	ng/ul	0.01
19) Nitrobenzene-d5	8.58	128	5421	1.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	5789	0.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	10687	0.97	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	9569	0.81	ng/ul	0.01
43) Dimethylphthalate-d6	13.50	166	41934	1.31	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	48239	1.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.36	143	1908	0.32	ng/ul	0.05
57) Fluorene-d10	15.07	176	38758	1.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1863	0.33	ng/ul	0.01
70) Anthracene-d10	16.93	188	59339	1.45	ng/ul	0.00
78) Pyrene-d10	19.23	212	63932	1.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	61071	1.45	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.23	128	1395630	36.359	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	321939	11.985	ng/ul	93
40) 1,1'-Biphenyl	12.89	154	58911	1.728	ng/ul	96
47) Acenaphthylene	13.79	152	313672	7.420	ng/ul	98
58) Fluorene	15.13	166	141408	4.228	ng/ul	96
69) Phenanthrene	16.87	178	667863	12.965	ng/ul	99
71) Anthracene	16.96	178	161953	3.098	ng/ul	99
76) Fluoranthene	18.90	202	370983	6.310	ng/ul	99
79) Pvrene	19.26	202	793075	13.424	ng/ul	98
82) Benzo(a)anthracene	21.03	228	204902	3.667	ng/ul#	93
84) Chrysene	21.08	228	197487	3.550	ng/ul	96
87) Benzo(b)fluoranthene	22.54	252	209563	3.927	ng/ul#	98
88) Benzo(k)fluoranthene	22.57	252	57732m	1.099	ng/ul	
90) Benzo(a)pyrene	23.07	252	226880	4.589	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.22	276	94931	1.615	ng/ul	98
93) Benzo(g,h,i)perylene	25.85	276	95446	1.937	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

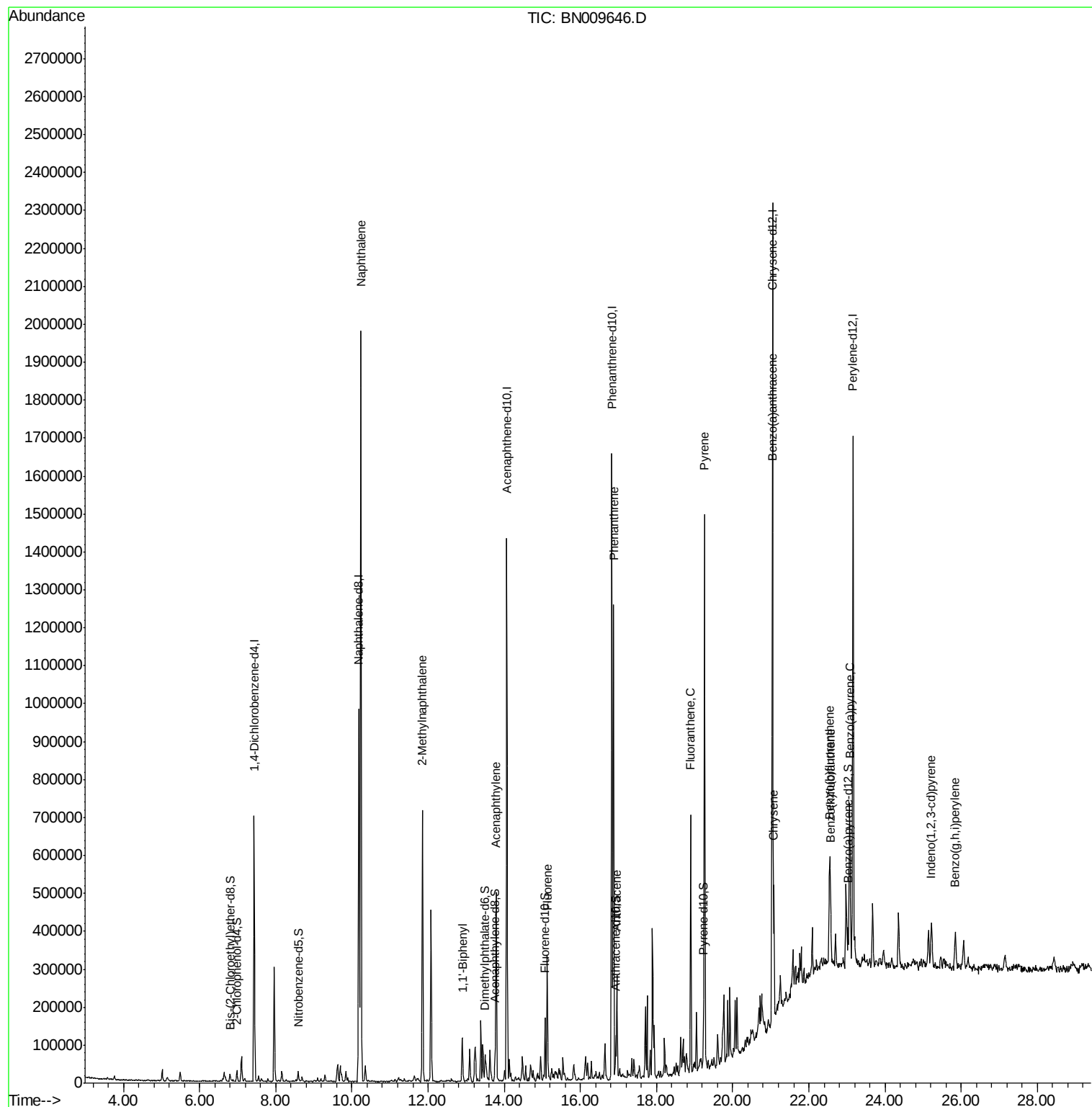
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009646.D
Acq On : 07 Feb 2020 13:48
Operator : CG/JU
Sample : L1324-17DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

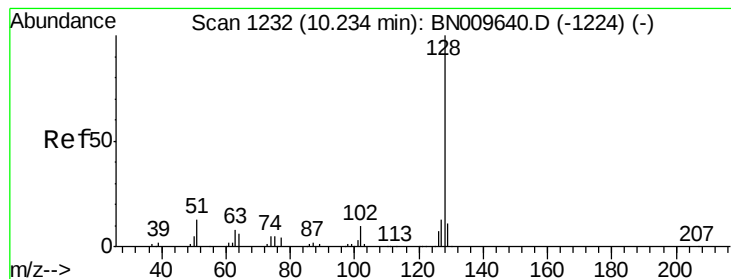
Instrument :
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Quant Time: Feb 07 16:17:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 36.359 ng/ul

RT: 10.23 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BN009646.D

Acq: 07 Feb 2020 13:48

Instrument :

BNA_N

ClientSampleId :

GAT72DL

Tot Ion:128 Resp: 1395630

Ion Ratio Lower Upper

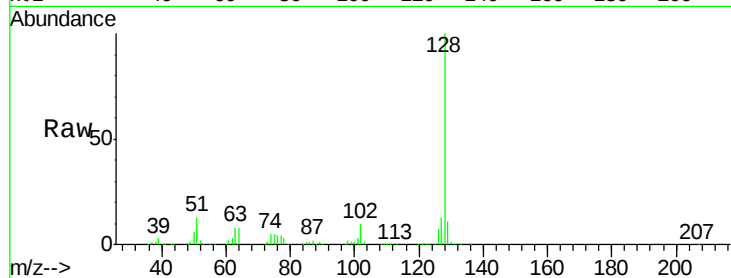
128 100

129 11.0 8.7 13.1

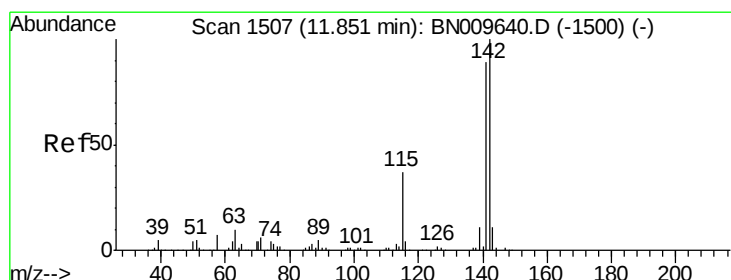
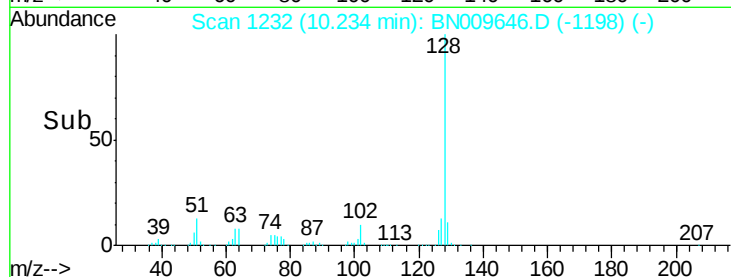
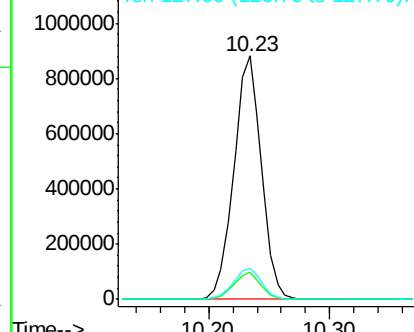
127 12.9 10.7 16.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 11.985 ng/ul

RT: 11.85 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN009646.D

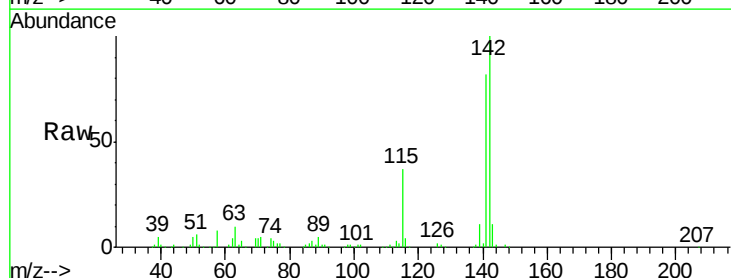
Acq: 07 Feb 2020 13:48

Tgt Ion:142 Resp: 321939

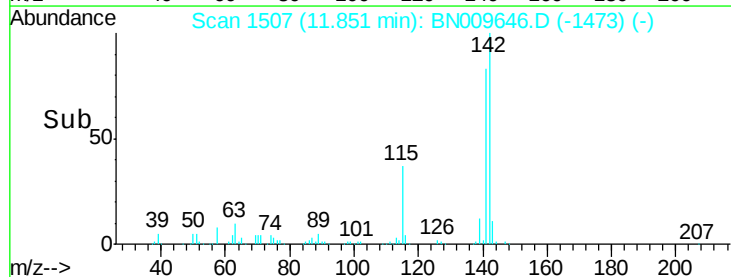
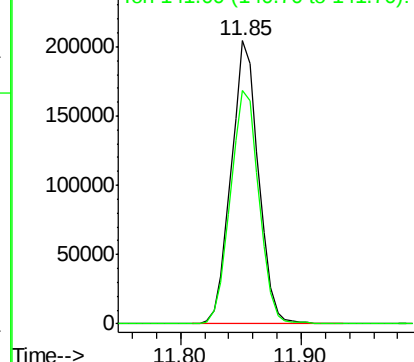
Ion Ratio Lower Upper

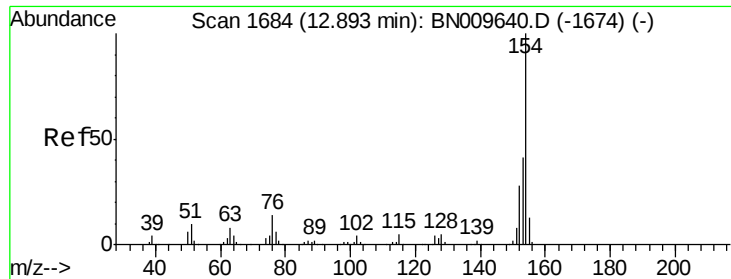
142 100

141 82.4 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 1.728 ng/ul

RT: 12.89 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BN009646.D

Acq: 07 Feb 2020 13:48

Instrument :

BNA_N

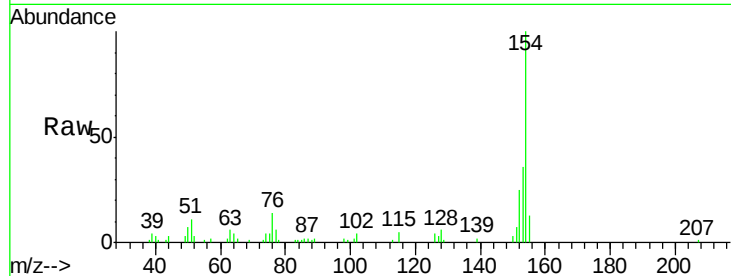
ClientSampleId :

GAT72DL

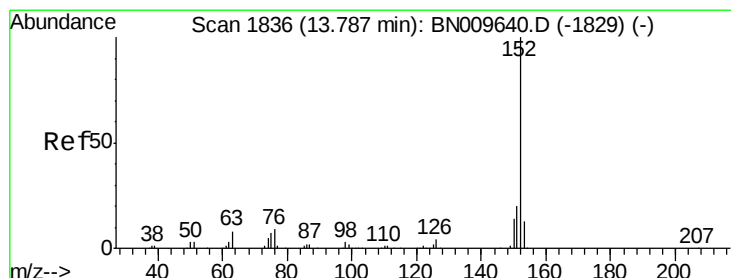
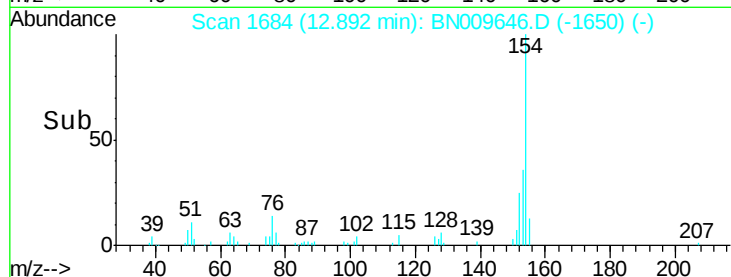
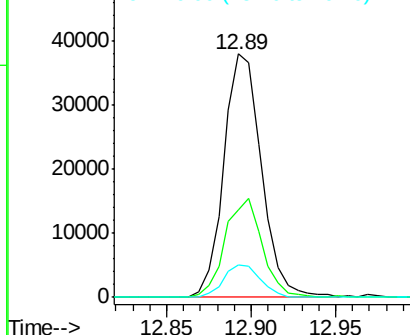
Tot Ion:	154	Resp:	58911
Ion Ratio	Lower	Upper	
154	100		
153	36.1	31.2	46.8
76	13.5	11.4	17.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC



#47

Acenaphthylene

Concen: 7.420 ng/ul

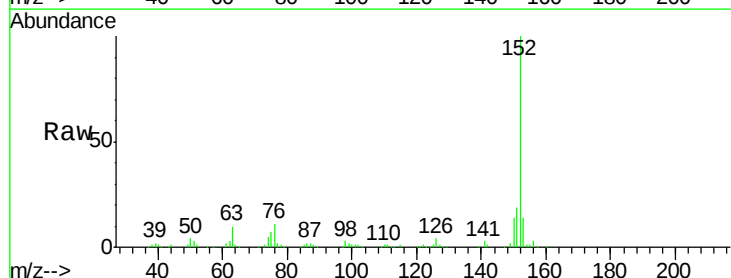
RT: 13.79 min Scan# 1836

Delta R.T. -0.00 min

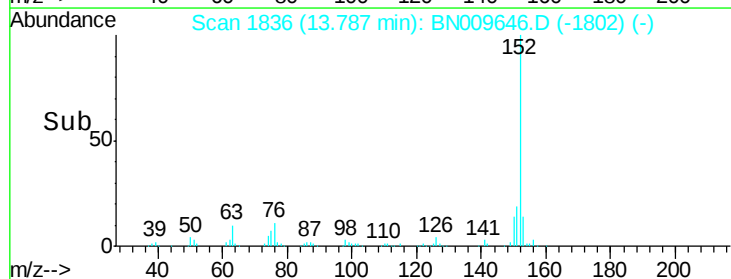
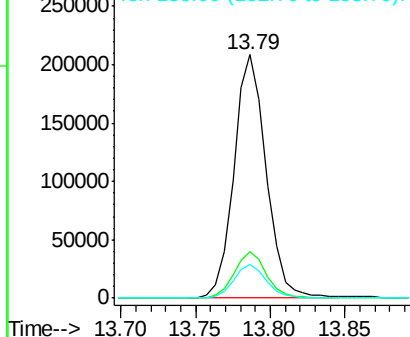
Lab File: BN009646.D

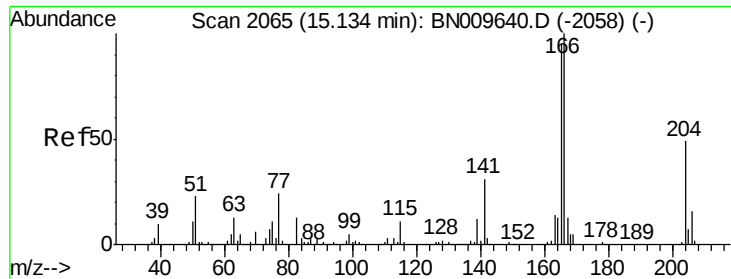
Acq: 07 Feb 2020 13:48

Tgt Ion:	152	Resp:	313672
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.2	24.2
153	14.0	10.6	15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#58

Fluorene

Concen: 4.228 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BN009646.D

Acq: 07 Feb 2020 13:48

Instrument :

BNA_N

ClientSampled :

GAT72DL

Tot Ion:166 Resp: 141408

Ion Ratio Lower Upper

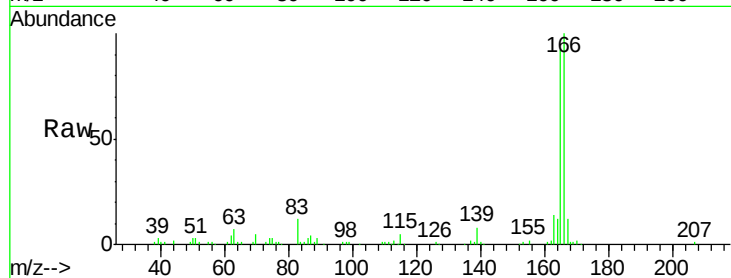
166 100

165 92.0 76.7 115.1

167 12.2 11.1 16.7

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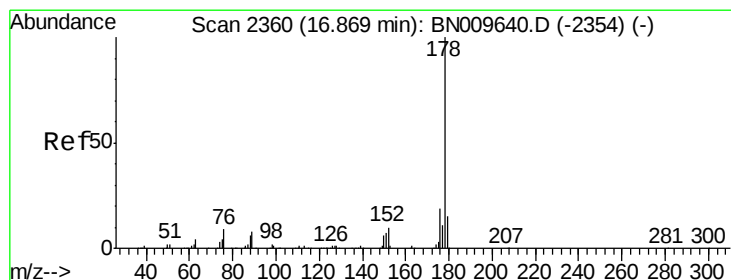
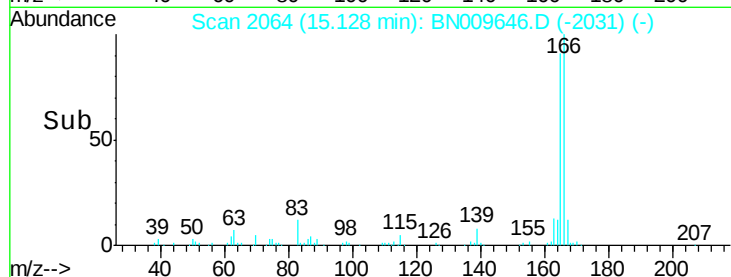
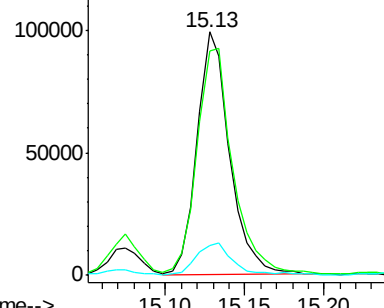
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 12.965 ng/ul

RT: 16.87 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BN009646.D

Acq: 07 Feb 2020 13:48

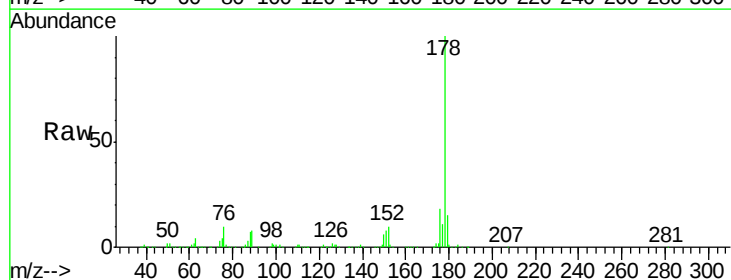
Tgt Ion:178 Resp: 667863

Ion Ratio Lower Upper

178 100

179 14.5 12.2 18.2

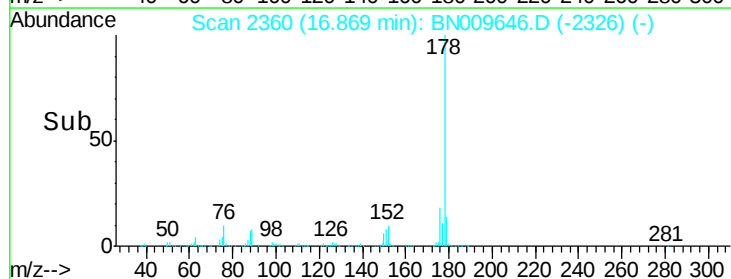
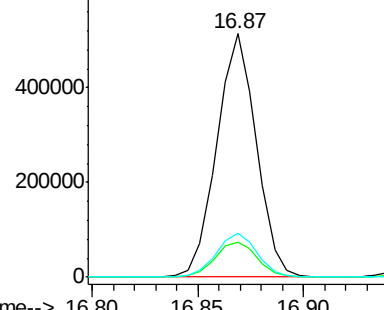
176 18.0 14.8 22.2

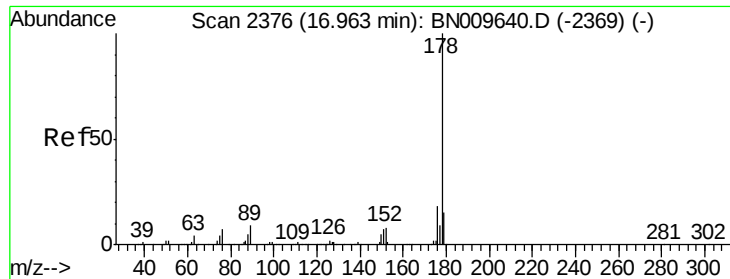


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





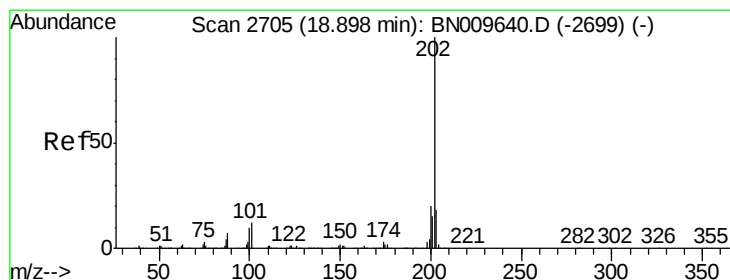
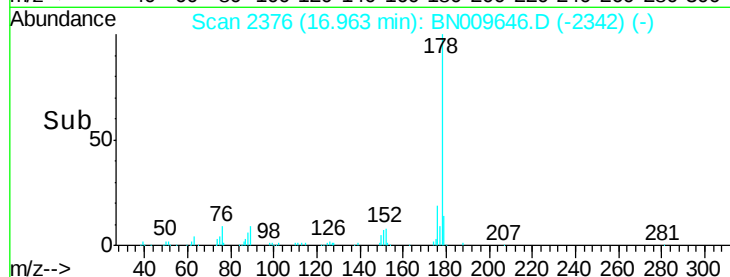
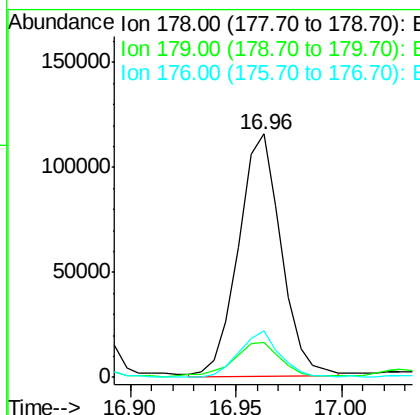
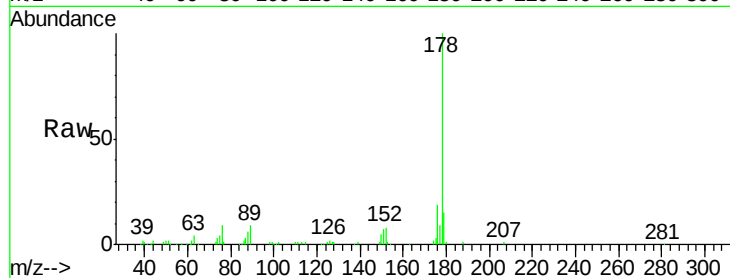
#71
 Anthracene
 Concen: 3.098 ng/ul
 RT: 16.96 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BN009646.D
 Acq: 07 Feb 2020 13:48

Instrument :
 BNA_N
 ClientSampleId :
 GAT72DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.1	18.1
176	18.9	14.6	21.8

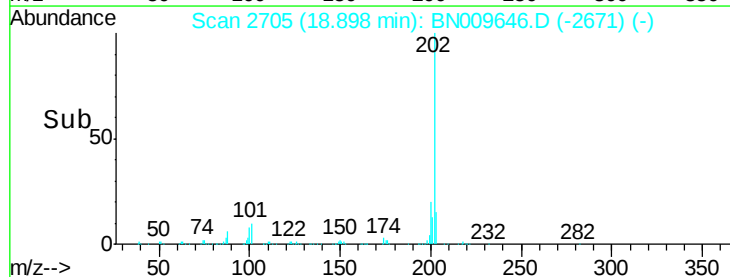
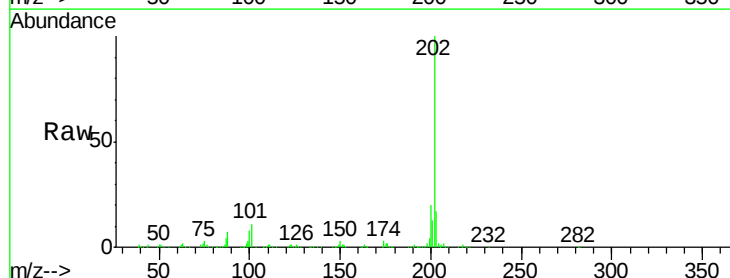
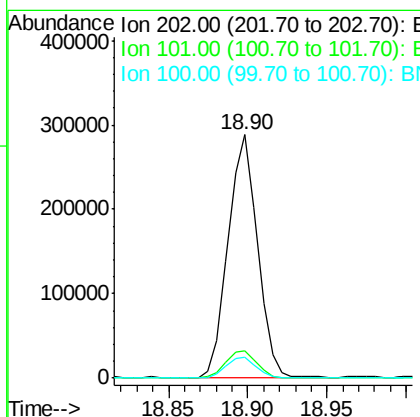
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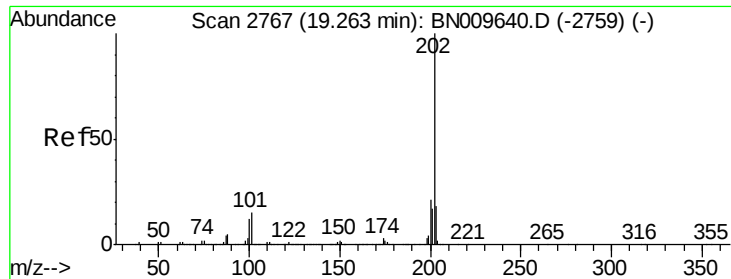
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#76
 Fluoranthene
 Concen: 6.310 ng/ul
 RT: 18.90 min Scan# 2705
 Delta R.T. -0.00 min
 Lab File: BN009646.D
 Acq: 07 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.2	13.8
100	8.4	6.9	10.3





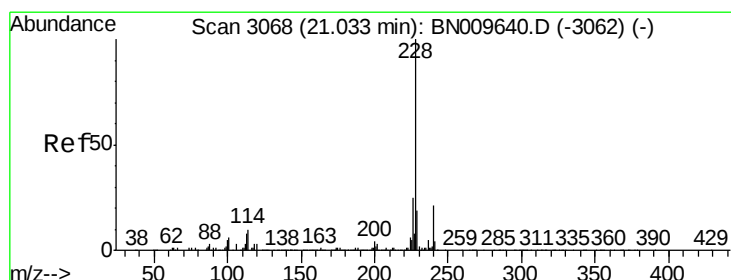
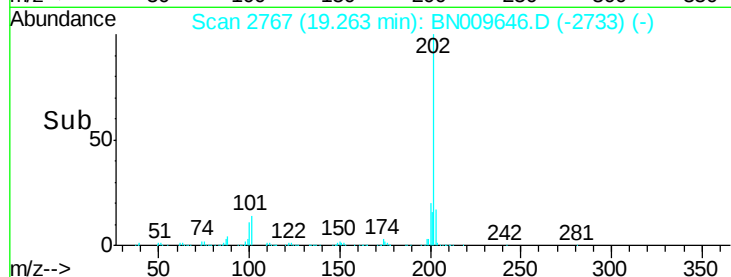
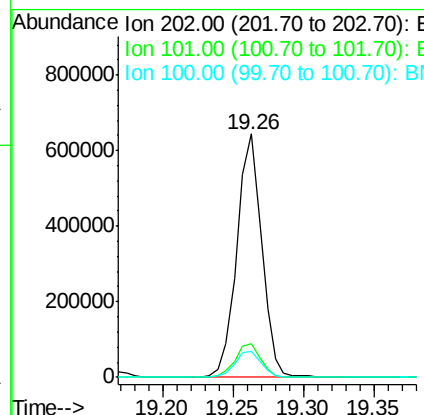
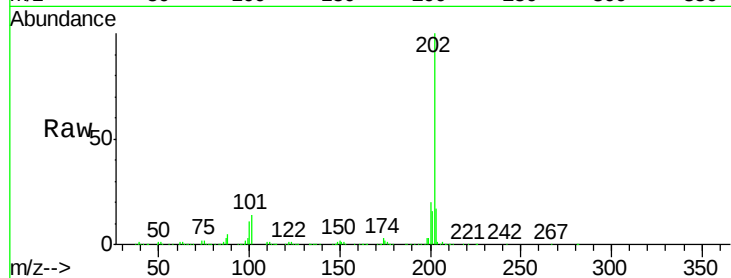
#79
Pvrene
Concen: 13.424 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	10.3	15.5
100	10.8	8.4	12.6

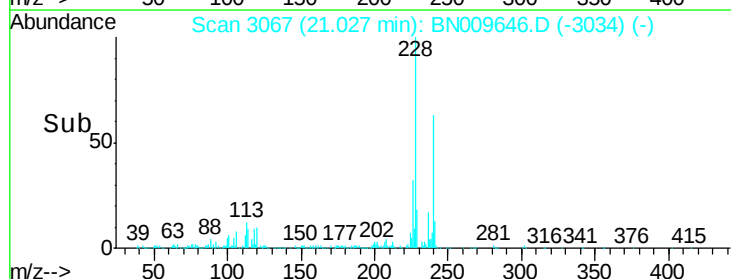
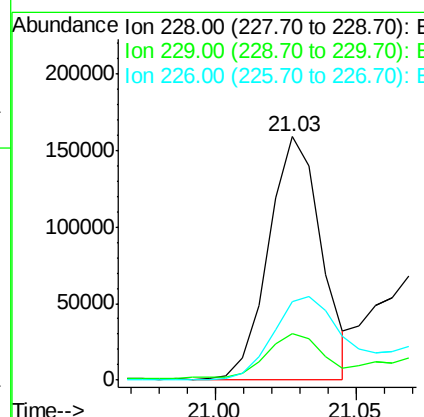
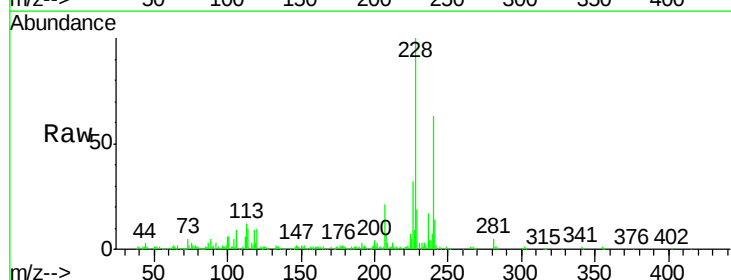
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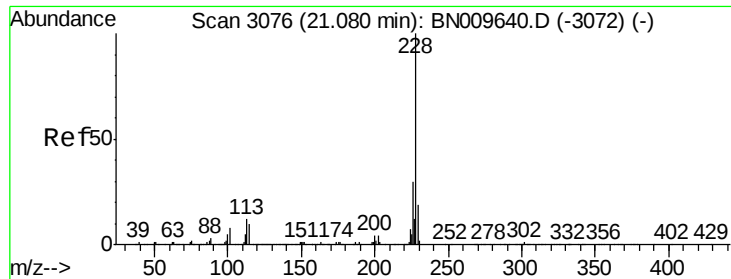
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#82
Benzo(a)anthracene
Concen: 3.667 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	18.9	15.0	22.4
226	32.2	20.9	31.3#





#84

Chrysene

Concen: 3.550 ng/ul

RT: 21.08 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN009646.D

Acq: 07 Feb 2020 13:48

Instrument :

BNA_N

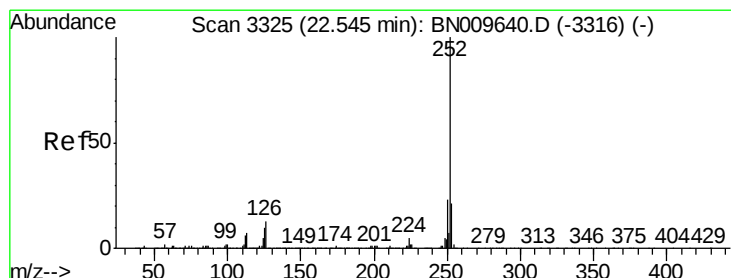
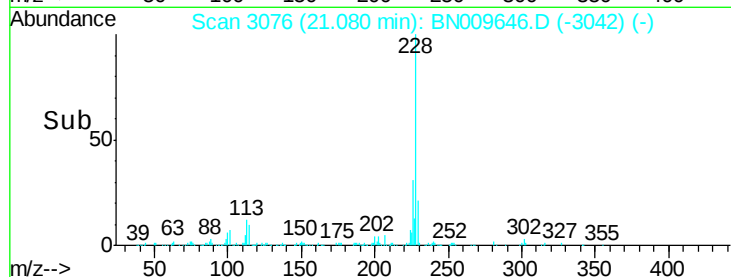
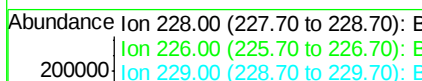
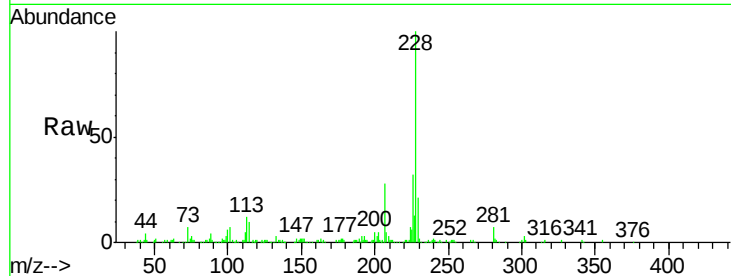
ClientSampleId :

GAT72DL

Tot Ion:	228	Resp:	197487
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.5	35.3
229	21.5	15.8	23.8

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#87

Benzo(b)fluoranthene

Concen: 3.927 ng/ul

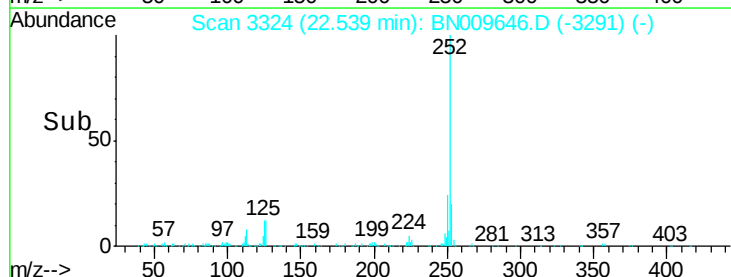
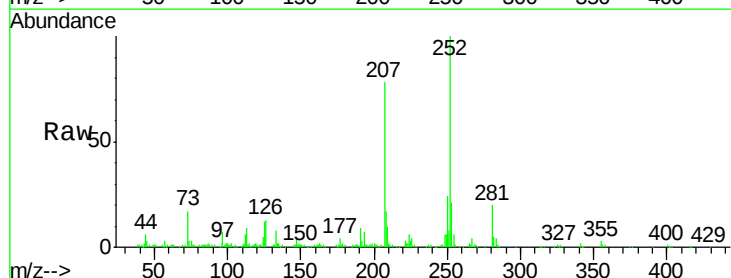
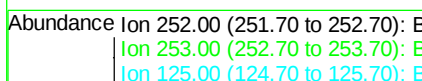
RT: 22.54 min Scan# 3324

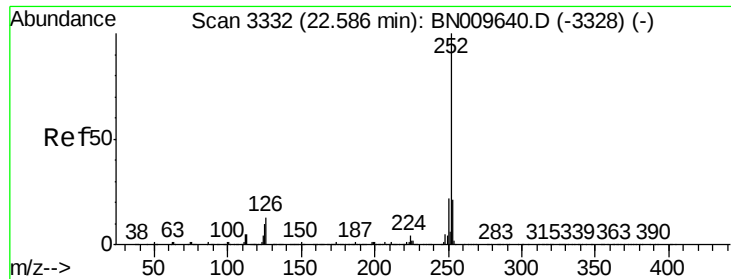
Delta R.T. -0.01 min

Lab File: BN009646.D

Acq: 07 Feb 2020 13:48

Tgt Ion:	252	Resp:	209563
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.0	25.6
125	12.4	8.2	12.2#





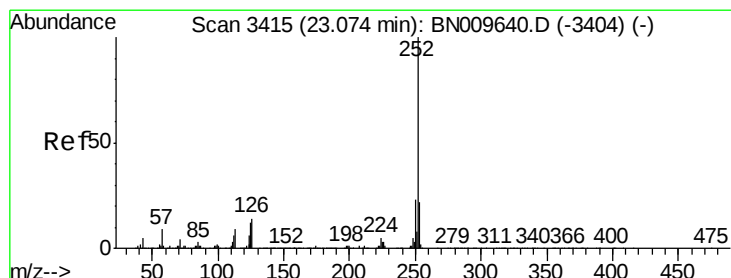
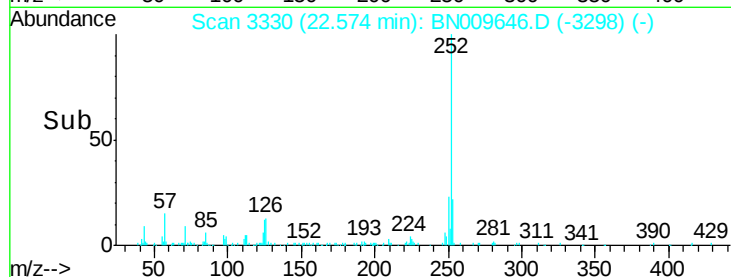
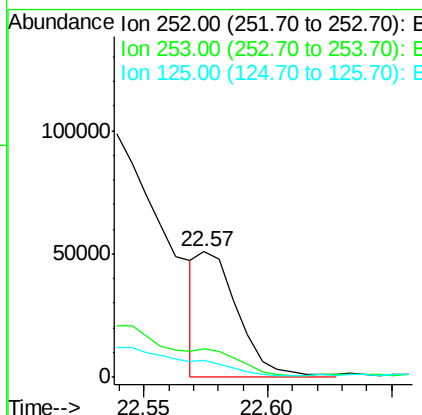
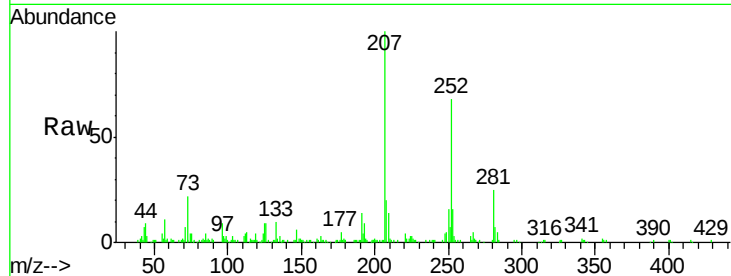
#88
Benzo(k)fluoranthene
Concen: 1.099 ng/ul m
RT: 22.57 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Instrument :
BNA_N
ClientSampled :
GAT72DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	13.2	8.0	12.0

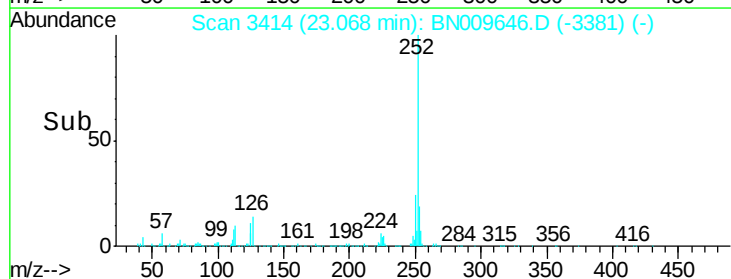
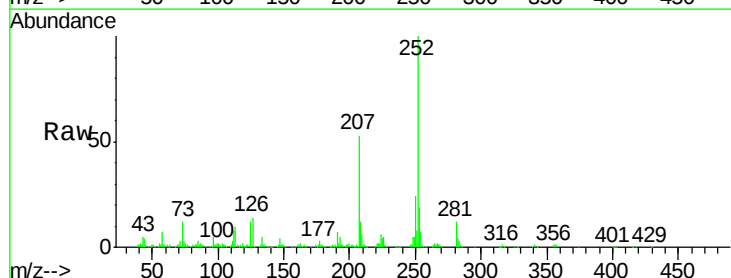
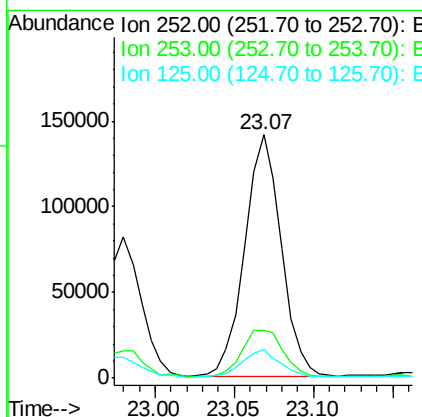
Manual Integrations
APPROVED

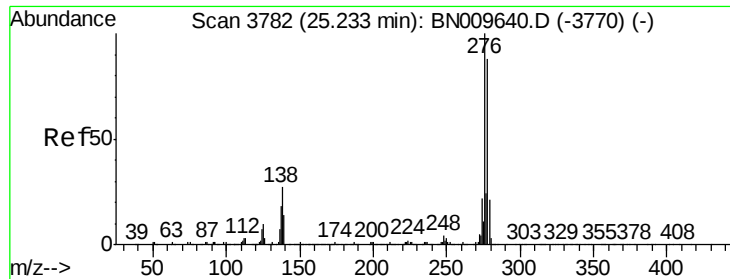
mohammad
2/10/2020 8:20:52 AM



#90
Benzo(a)pyrene
Concen: 4.589 ng/ul
RT: 23.07 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.5	15.8	23.8
125	11.8	8.7	13.1





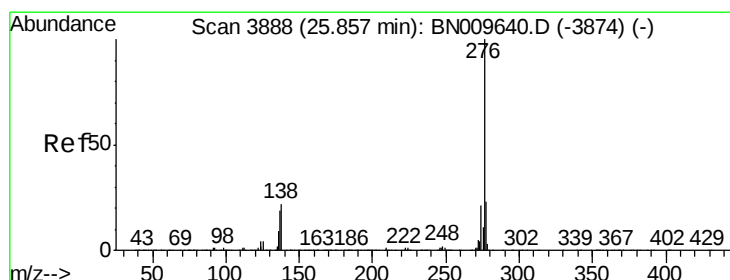
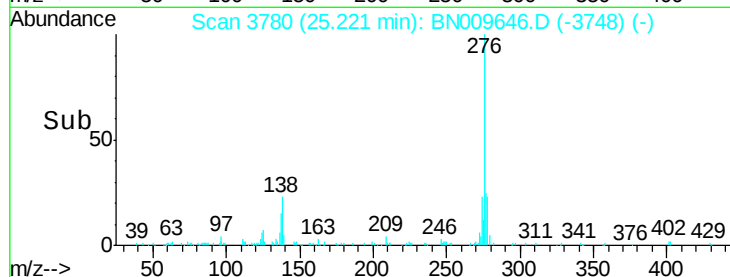
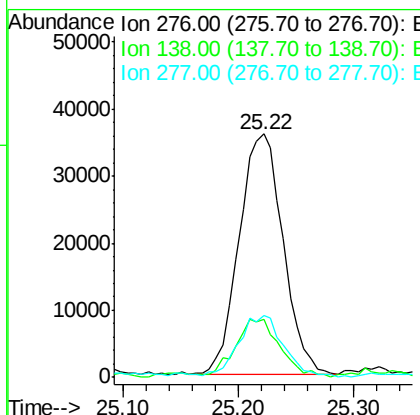
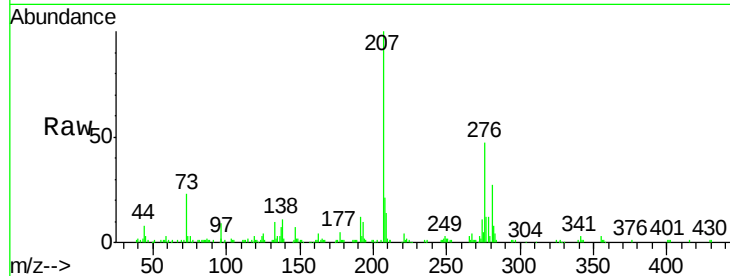
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.615 ng/ul
 RT: 25.22 min Scan# 3780
 Delta R.T. -0.01 min
 Lab File: BN009646.D
 Acq: 07 Feb 2020 13:48

Instrument :
 BNA_N
 ClientSampleId :
 GAT72DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.3	30.5
277	25.3	21.2	31.8

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:20:52 AM



#93
 Benzo(g,h,i)perylene
 Concen: 1.937 ng/ul
 RT: 25.85 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: BN009646.D
 Acq: 07 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.0	24.0
277	23.3	17.0	25.6

