

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010103.D
 Acq On : 05 Mar 2020 06:39
 Operator : CG/JU
 Sample : L1617-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDT4

Manual Integrations
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 3/5/2020 3:56:59 PM

Quant Time: Mar 05 08:35:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 04 01:30:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	107463	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	453382	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	293226	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	601740	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	558464	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	585778	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	6659m	2.55	ng/uL	0.00
5) Phenol-d5	6.56	99	213633	23.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	149097	23.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	167066	24.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	178232	24.51	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	83587	25.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	96943	26.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	169866	24.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	230017	29.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	530867	24.24	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	664297	25.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	68565	17.14	ng/ul	0.00
58) Fluorene-d10	15.00	176	465983	24.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	75802	20.28	ng/ul	0.00
71) Anthracene-d10	16.86	188	698966	25.34	ng/ul	0.00
79) Pyrene-d10	19.17	212	753287	25.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	724960	24.78	ng/ul	0.00

Target Compounds

					Ovalue	
50) Acenaphthene	14.06	153	56727	2.964	ng/ul	98
54) Dibenzofuran	14.41	168	36532	1.360	ng/ul	94
59) Fluorene	15.06	166	53216	2.360	ng/ul	93
70) Phenanthrene	16.80	178	521256	15.179	ng/ul	98
72) Anthracene	16.90	178	254947	7.262	ng/ul	99
75) Carbazole	17.18	167	52395	1.695	ng/ul	98
77) Fluoranthene	18.84	202	1873612	46.577	ng/ul	98
80) Pyrene	19.20	202	1549132	38.476	ng/ul	96
83) Benzo(a)anthracene	20.97	228	498652	12.993	ng/ul	97
85) Chrysene	21.02	228	680745	18.017	ng/ul	98
88) Benzo(b)fluoranthene	22.47	252	817422	21.523	ng/ul	98
89) Benzo(k)fluoranthene	22.51	252	220366m	6.128	ng/ul	
91) Benzo(a)pyrene	22.99	252	399775	11.703	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	242786	5.986	ng/ul	96
93) Dibenzo(a,h)anthracene	25.10	278	63802	1.839	ng/ul#	78
94) Benzo(g,h,i)perylene	25.73	276	158327	4.656	ng/ul	99

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

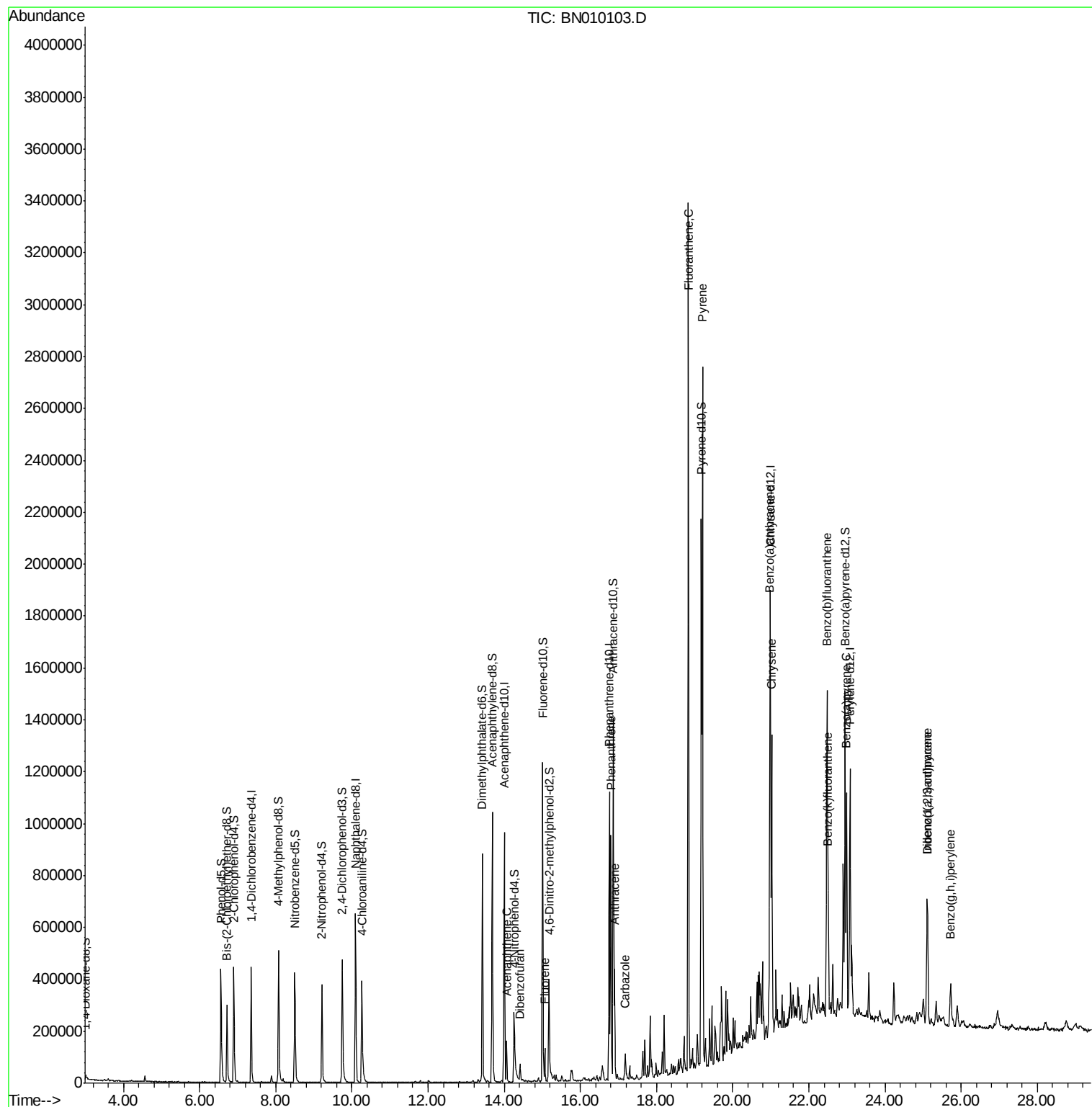
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010103.D
Acq On : 05 Mar 2020 06:39
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

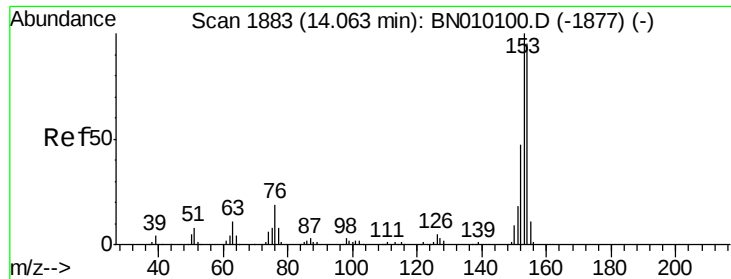
Instrument :
BNA_N
ClientSampleId :
DBDT4

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Quant Time: Mar 05 08:35:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration





#50

Acenaphthene

Concen: 2.964 ng/ul

RT: 14.06 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN010103.D

Acq: 05 Mar 2020 06:39

Instrument :

BNA_N

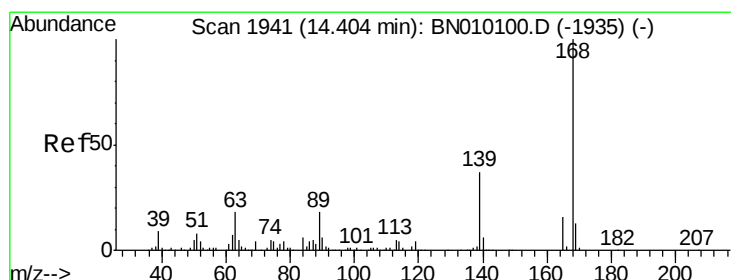
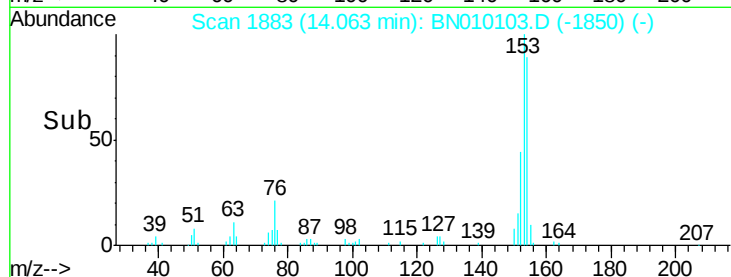
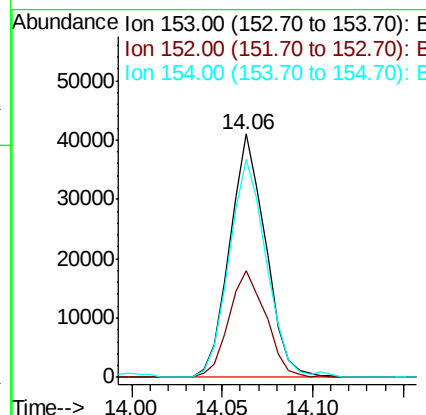
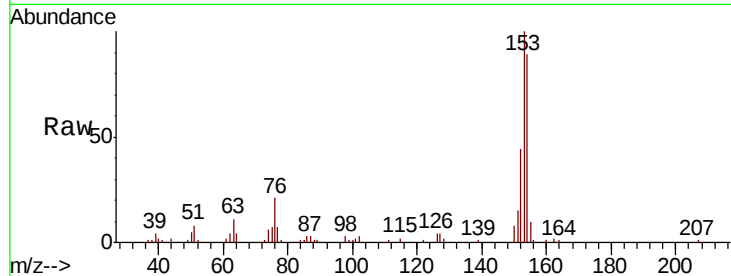
ClientSampled :

DBDT4

Tot Ion:153	Resp:	56727
Ion Ratio	Lower	Upper
153	100	
152	43.9	36.6 54.8
154	89.3	70.6 106.0

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#54

Dibenzofuran

Concen: 1.360 ng/ul

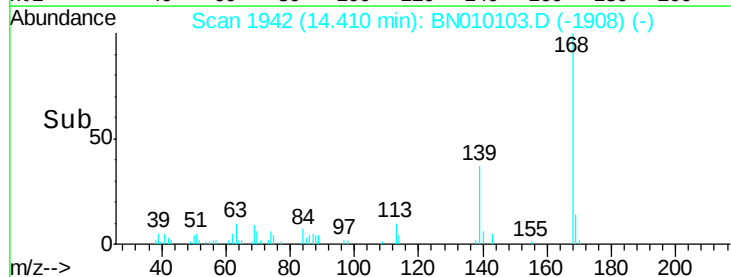
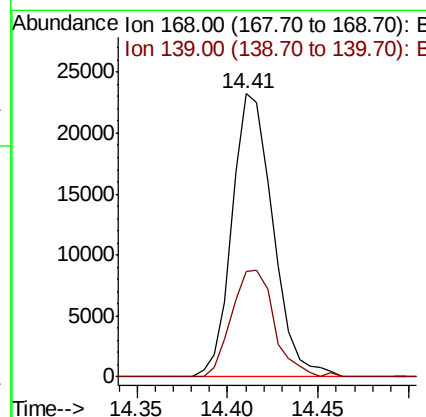
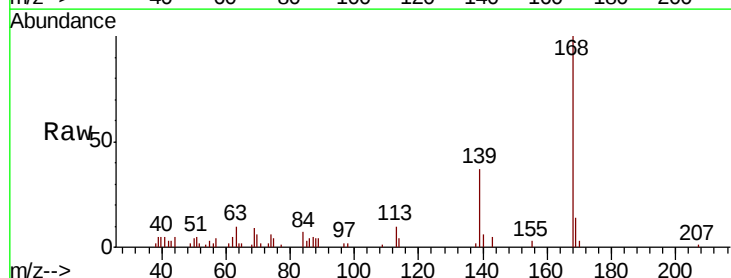
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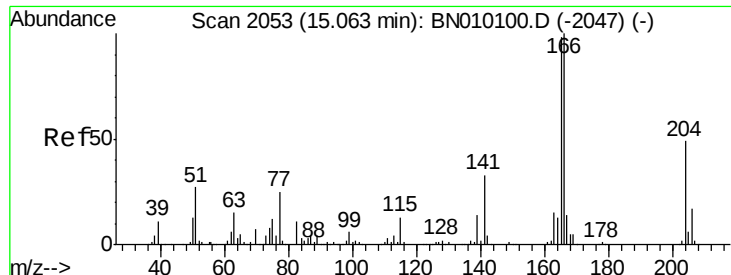
Delta R.T. 0.00 min

Lab File: BN010103.D

Acq: 05 Mar 2020 06:39

Tgt Ion:168	Resp:	36532
Ion Ratio	Lower	Upper
168	100	
139	37.5	32.7 49.1





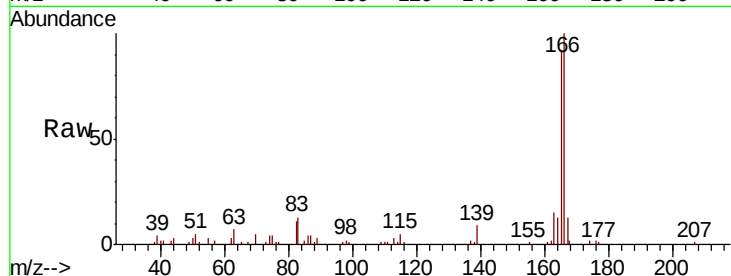
#59
Fluorene
 Concen: 2.360 ng/ul
 RT: 15.06 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BN010103.D
 Acq: 05 Mar 2020 06:39

Instrument :
 BNA_N
 ClientSampled :
 DBDT4

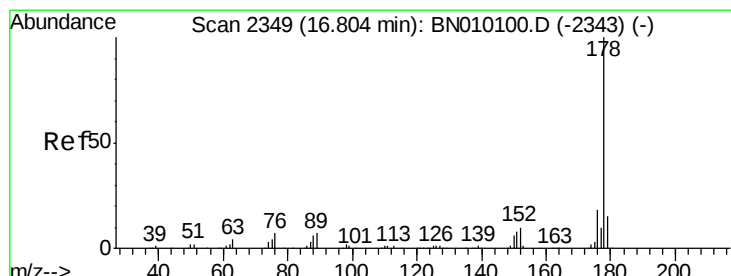
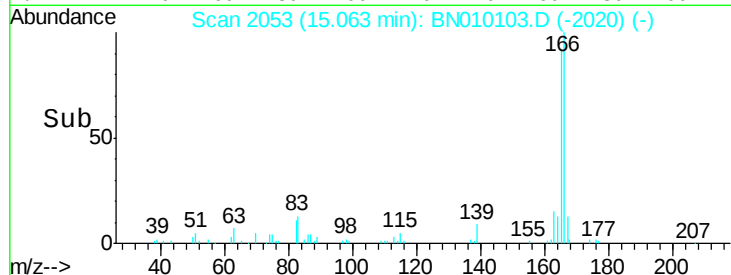
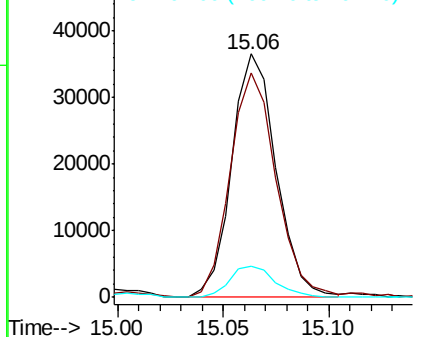
Tot Ion	Ratio	Lower	Upper
166	100		
165	92.1	79.8	119.8
167	12.9	10.7	16.1

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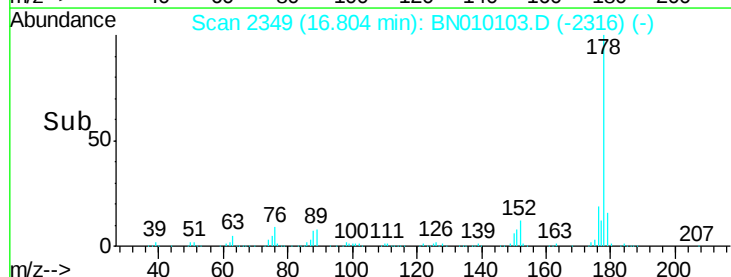
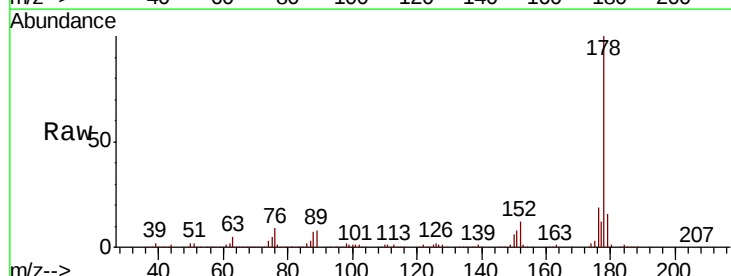
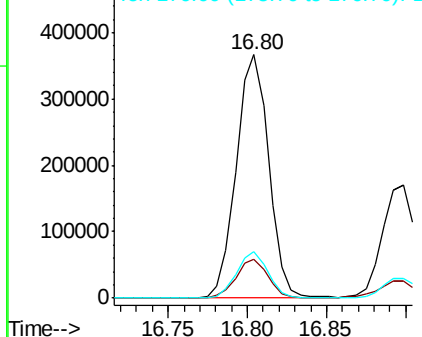
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 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

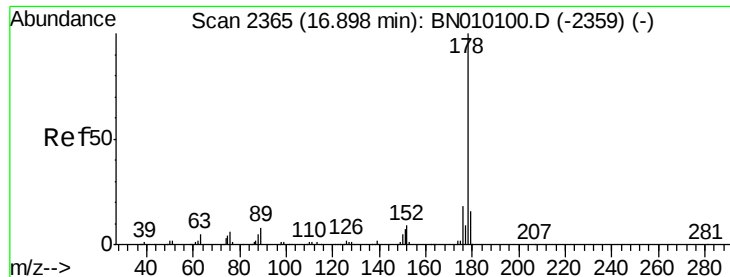


#70
Phenanthrene
 Concen: 15.179 ng/ul
 RT: 16.80 min Scan# 2349
 Delta R.T. -0.01 min
 Lab File: BN010103.D
 Acq: 05 Mar 2020 06:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	19.1	14.6	22.0

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





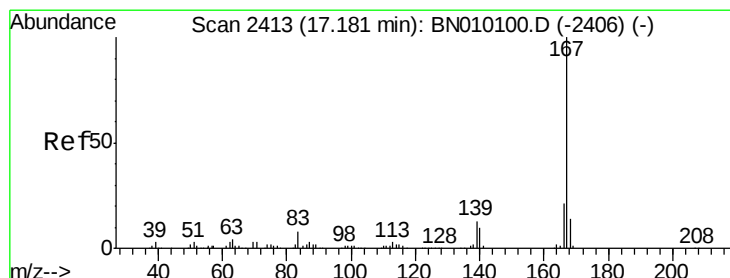
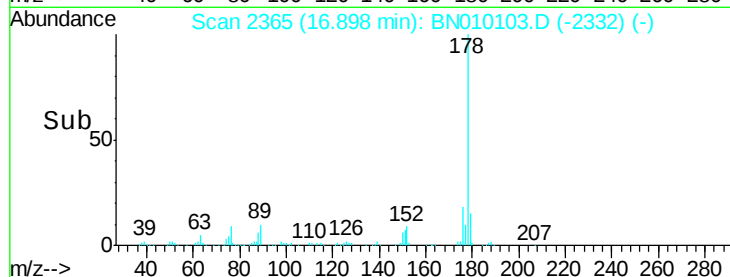
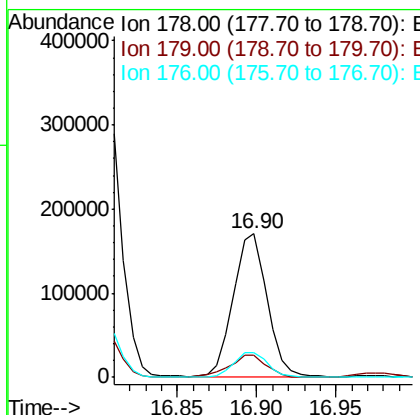
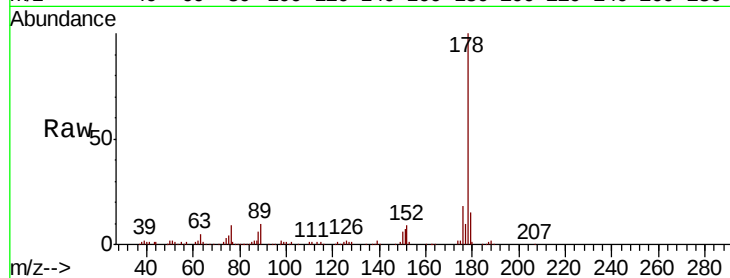
#72
 Anthracene
 Concen: 7.262 ng/ul
 RT: 16.90 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BN010103.D
 Acq: 05 Mar 2020 06:39

Instrument :
 BNA_N
 ClientSampleId :
 DBDT4

Tot Ion:178	Resp:	254947
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.2 18.2
176	17.7	14.6 21.8

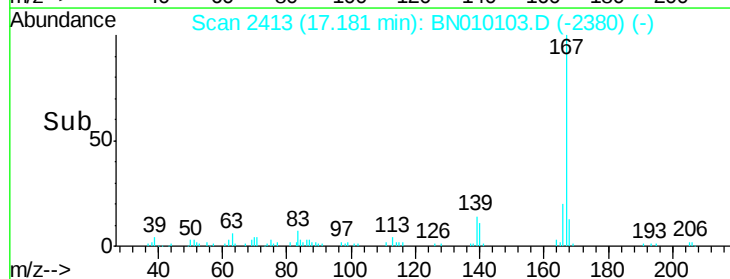
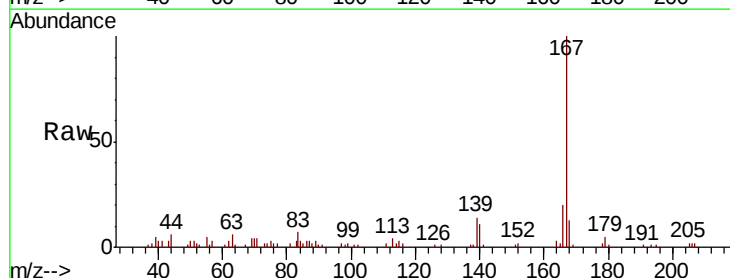
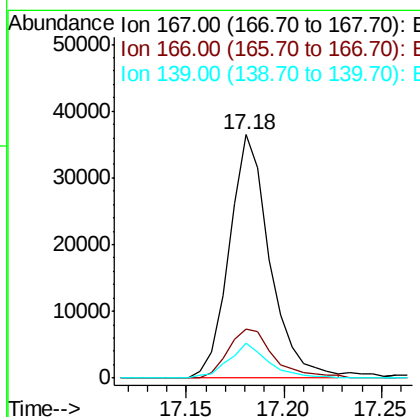
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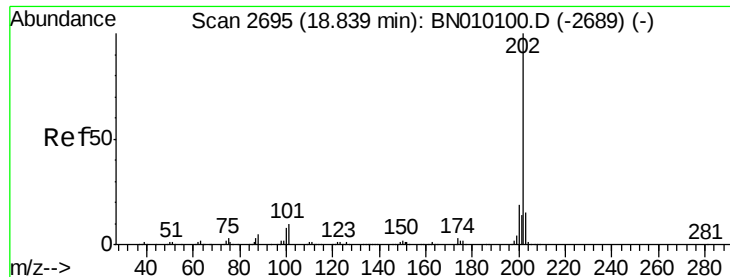
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#75
 Carbazole
 Concen: 1.695 ng/ul
 RT: 17.18 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BN010103.D
 Acq: 05 Mar 2020 06:39

Tgt Ion:167	Resp:	52395
Ion Ratio	Lower	Upper
167	100	
166	20.3	16.6 24.8
139	14.2	9.9 14.9





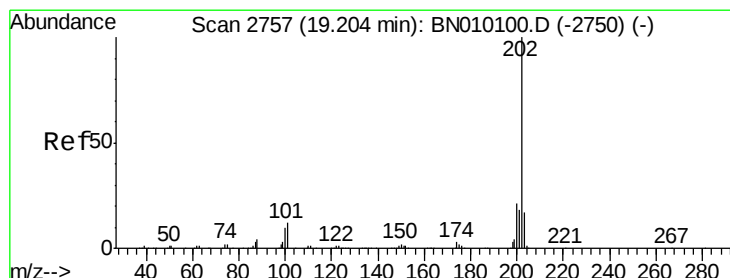
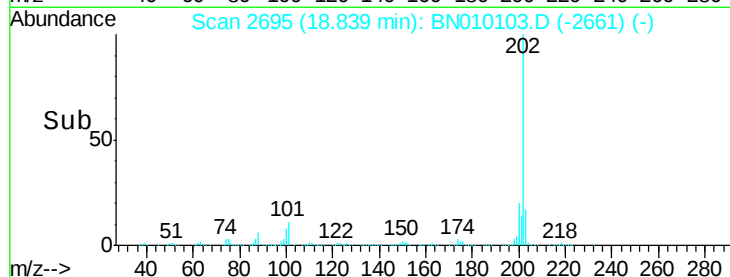
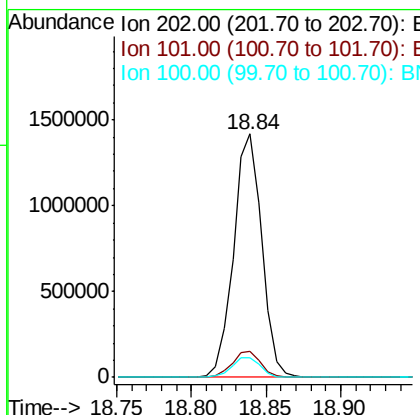
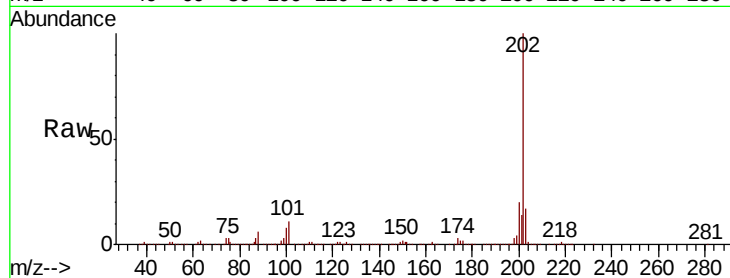
#77
Fluoranthene
 Concen: 46.577 ng/ul
 RT: 18.84 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: BN010103.D
 Acq: 05 Mar 2020 06:39

Instrument :
 BNA_N
 ClientSampleId :
 DBDT4

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.4	14.2
100	8.2	7.2	10.8

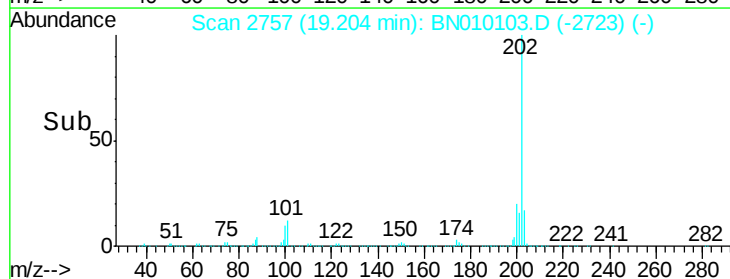
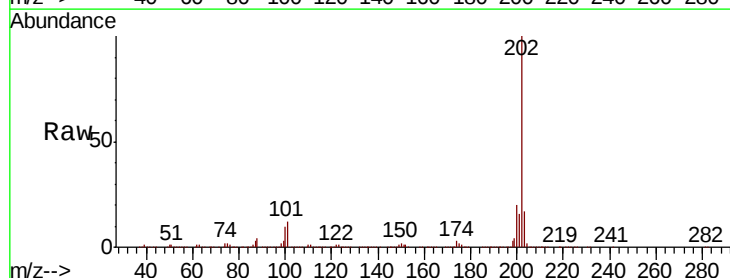
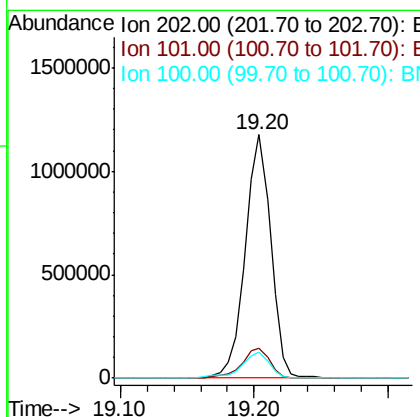
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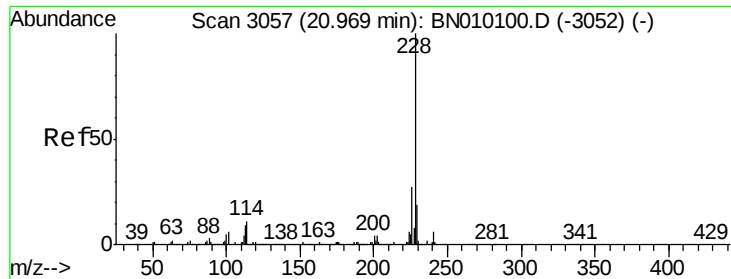
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#80
Pyrene
 Concen: 38.476 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: BN010103.D
 Acq: 05 Mar 2020 06:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.3	16.9
100	10.4	9.0	13.6





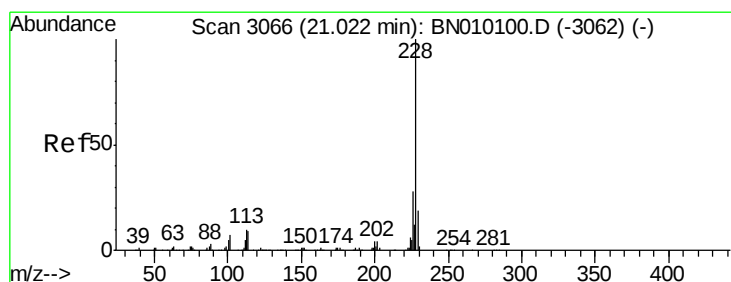
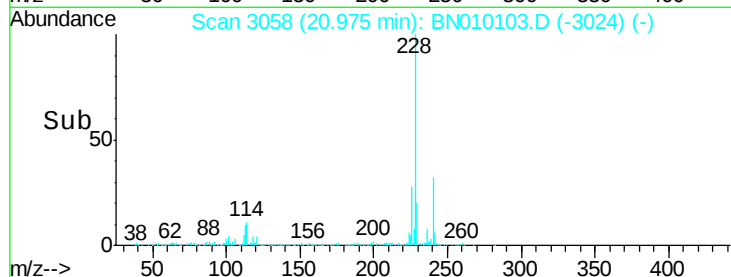
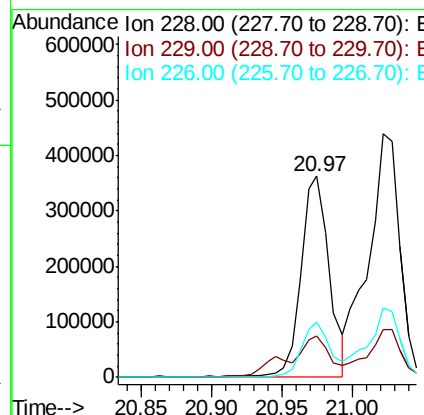
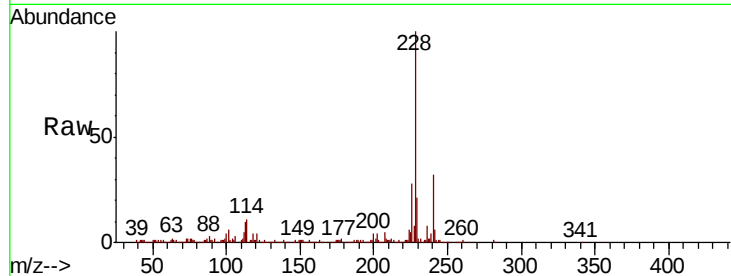
#83
Benzo(a)anthracene
Concen: 12.993 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. 0.00 min
Lab File: BN010103.D
Acq: 05 Mar 2020 06:39

Instrument :
BNA_N
ClientSampled :
DBDT4

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.0	22.4
226	27.8	21.4	32.2

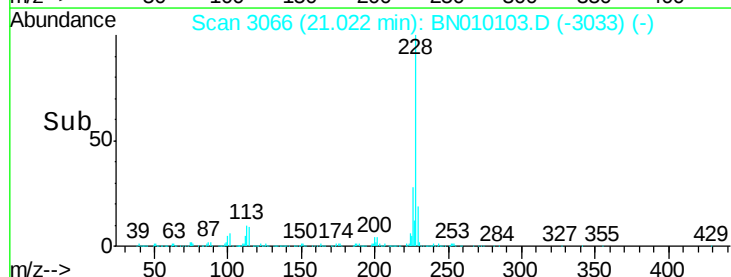
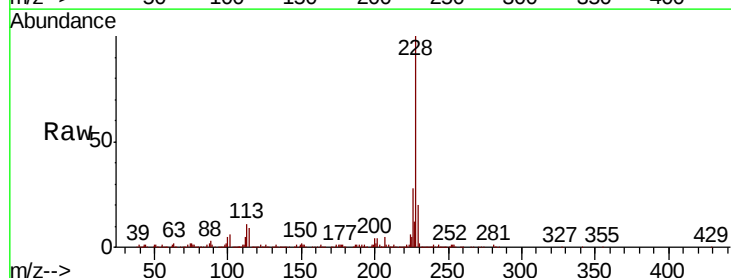
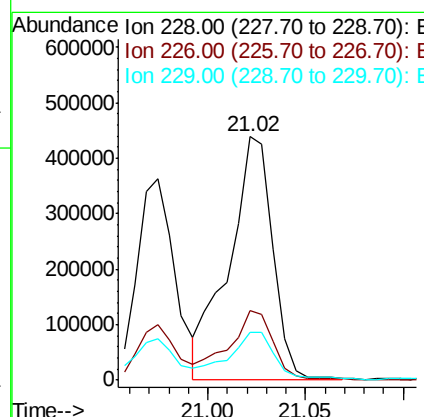
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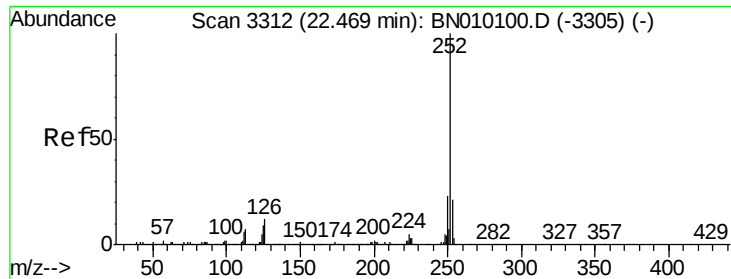
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#85
Chrysene
Concen: 18.017 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN010103.D
Acq: 05 Mar 2020 06:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	19.5	15.0	22.4





#88

Benzo(b)fluoranthene

Concen: 21.523 ng/ul

RT: 22.47 min Scan# 3313

Delta R.T. 0.01 min

Lab File: BN010103.D

Acq: 05 Mar 2020 06:39

Instrument :

BNA_N

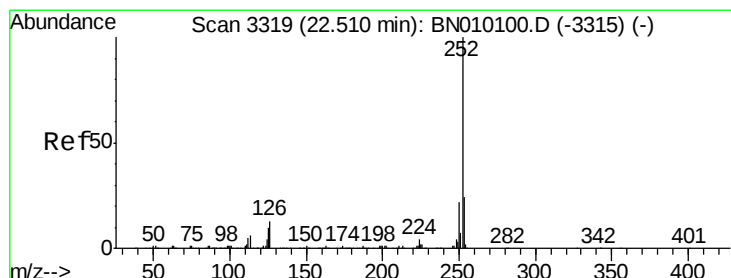
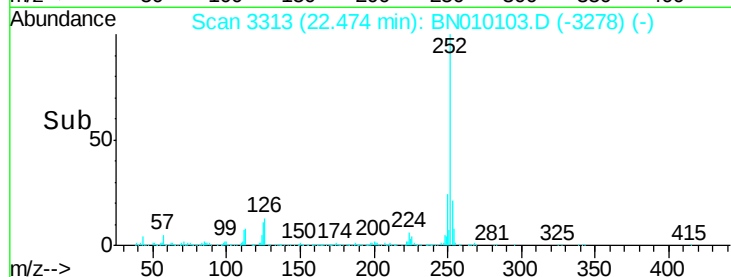
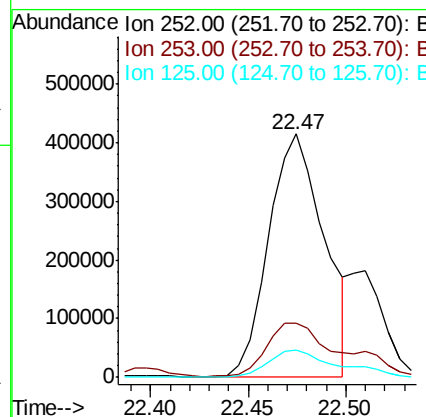
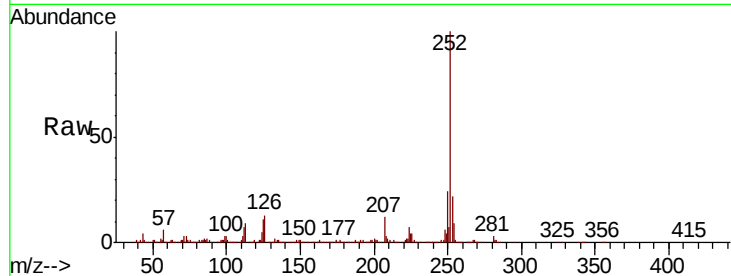
ClientSampled :

DBDT4

Tot Ion:	252	Resp:	817422
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.4
125	11.1	8.0	12.0

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 6.128 ng/ul m

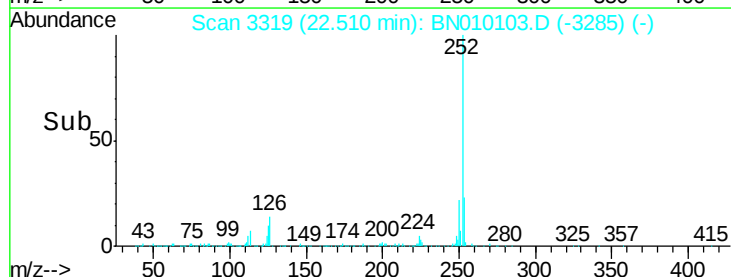
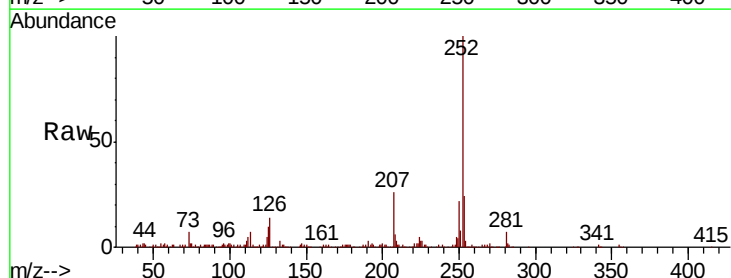
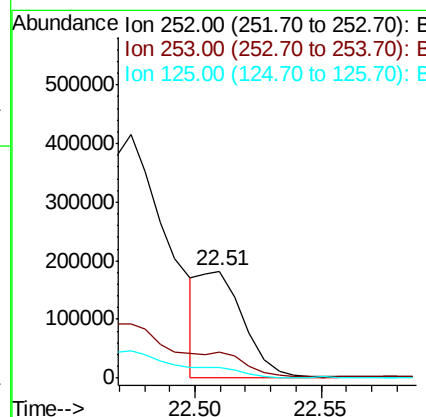
RT: 22.51 min Scan# 3319

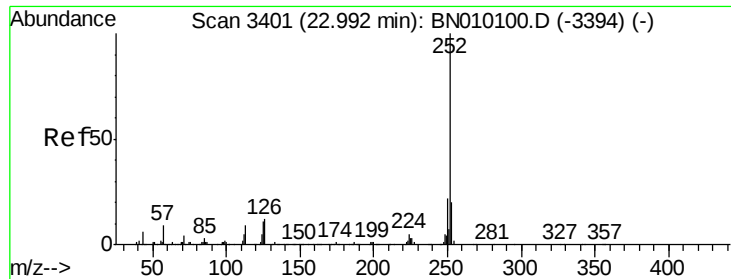
Delta R.T. 0.00 min

Lab File: BN010103.D

Acq: 05 Mar 2020 06:39

Tgt Ion:	252	Resp:	220366
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.0	27.0
125	10.5	8.2	12.2





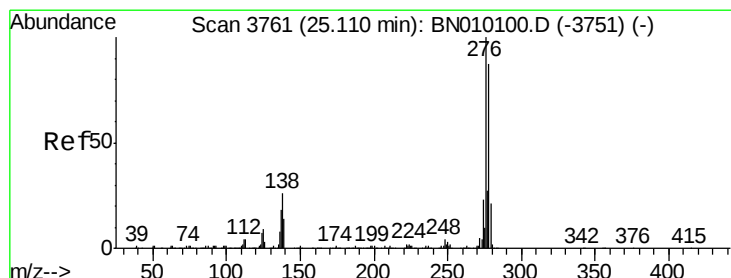
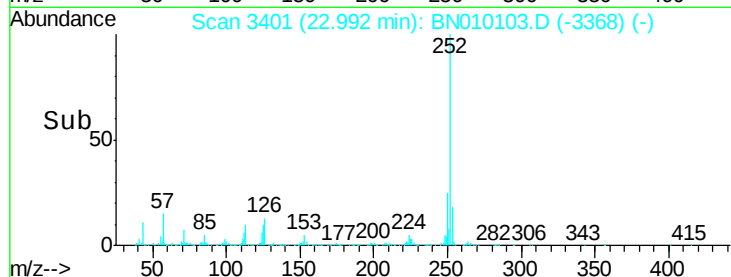
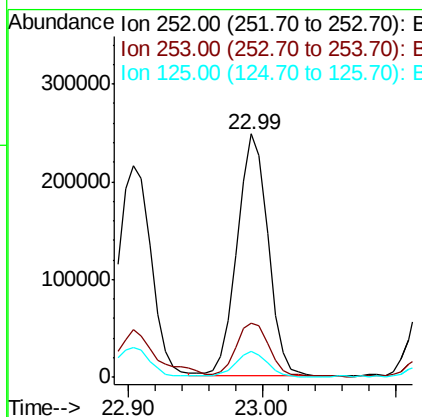
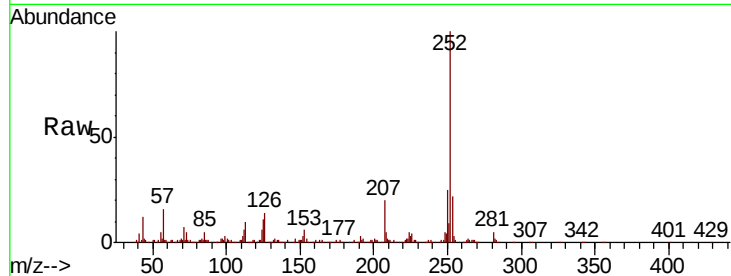
#91
Benzo(a)pyrene
Concen: 11.703 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BN010103.D
Acq: 05 Mar 2020 06:39

Instrument :
BNA_N
ClientSampleId :
DBDT4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.8	9.0	13.6

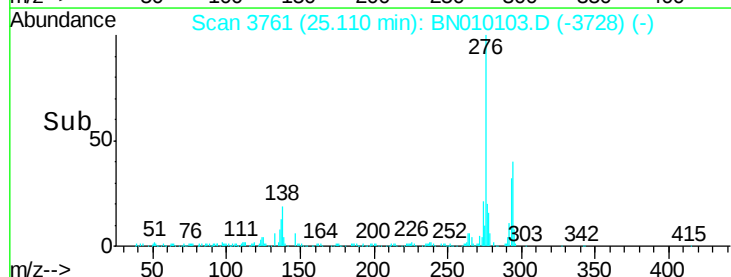
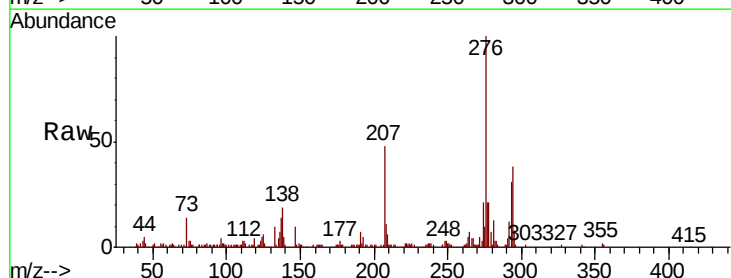
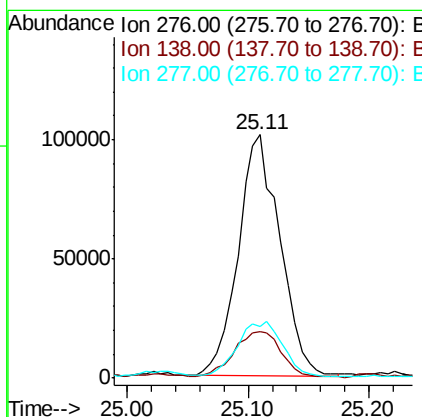
Manual Integrations
APPROVED

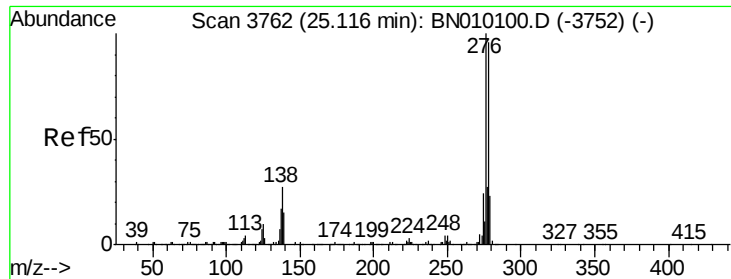
mohammad
3/5/2020 3:56:59 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.986 ng/ul
RT: 25.11 min Scan# 3761
Delta R.T. -0.01 min
Lab File: BN010103.D
Acq: 05 Mar 2020 06:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.9	31.3
277	21.2	18.2	27.4





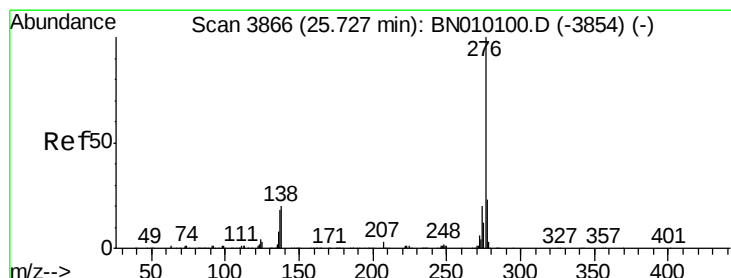
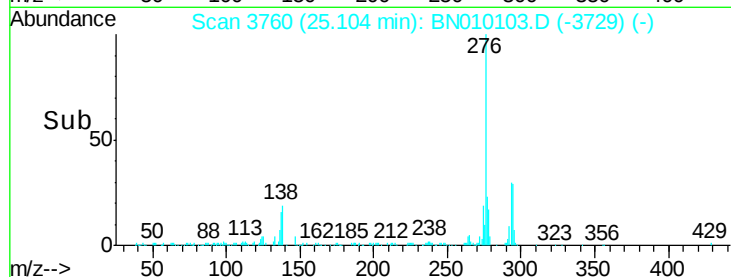
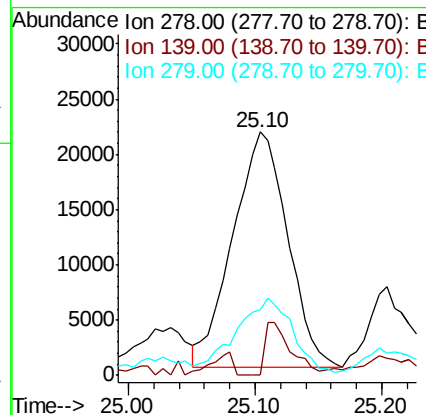
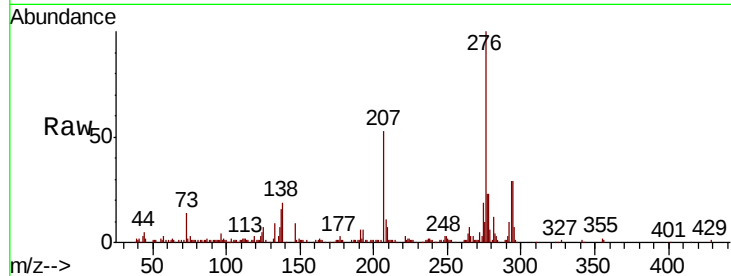
#93
Dibenzo(a,h)anthracene
Concen: 1.839 ng/ul
RT: 25.10 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BN010103.D
Acq: 05 Mar 2020 06:39

Instrument :
BNA_N
ClientSampleId :
DBDT4

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	26.8	17.5	26.3#

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:59 PM



#94
Benzo(g,h,i)perylene
Concen: 4.656 ng/ul
RT: 25.73 min Scan# 3866
Delta R.T. 0.00 min
Lab File: BN010103.D
Acq: 05 Mar 2020 06:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.5	26.3
277	23.1	18.1	27.1

