

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022021\
 Data File : BN013690.D
 Acq On : 20 Feb 2021 14:08
 Operator : CG/JU
 Sample : M1379-07DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGY7DL

Manual Integrations
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Quant Time: Feb 22 03:02:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 22 02:30:08 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	4672	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	18388	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	10224	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	21885	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	23891	0.40	ng/ul	0.01
20) Perylene-d12	23.31	264	17242	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2992	0.11	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	6252	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	5846	0.122	ng/ul	96
5) 2-Methylnaphthalene	11.98	142	1747	0.054	ng/ul	99
7) Acenaphthylene	13.90	152	9326	0.245	ng/ul#	95
8) Acenaphthene	14.25	153	1888	0.056	ng/ul	96
9) Fluorene	15.24	166	2652	0.069	ng/ul#	88
11) Pentachlorophenol	16.59	266	373	0.140	ng/ul	98
12) Phenanthrene	16.98	178	21962	0.337	ng/ul	94
13) Anthracene	17.07	178	12198	0.226	ng/ul#	87
15) Fluoranthene	19.00	202	56415	0.803	ng/ul	96
17) Pyrene	19.37	202	51733	0.602	ng/ul	97
18) Benzo(a)anthracene	21.13	228	16182	0.209	ng/ul#	49
19) Chrysene	21.19	228	30529	0.362	ng/ul#	64
21) Benzo(b)fluoranthene	22.67	252	52487m	0.745	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	14848m	0.203	ng/ul	
23) Benzo(a)pyrene	23.22	252	17703	0.312	ng/ul#	47
24) Indeno(1,2,3-cd)pyrene	25.46	276	19439	0.258	ng/ul#	22
25) Dibenzo(a,h)anthracene	25.46	278	4845	0.078	ng/ul#	1
26) Benzo(g,h,i)perylene	26.12	276	17129	0.259	ng/ul#	70

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

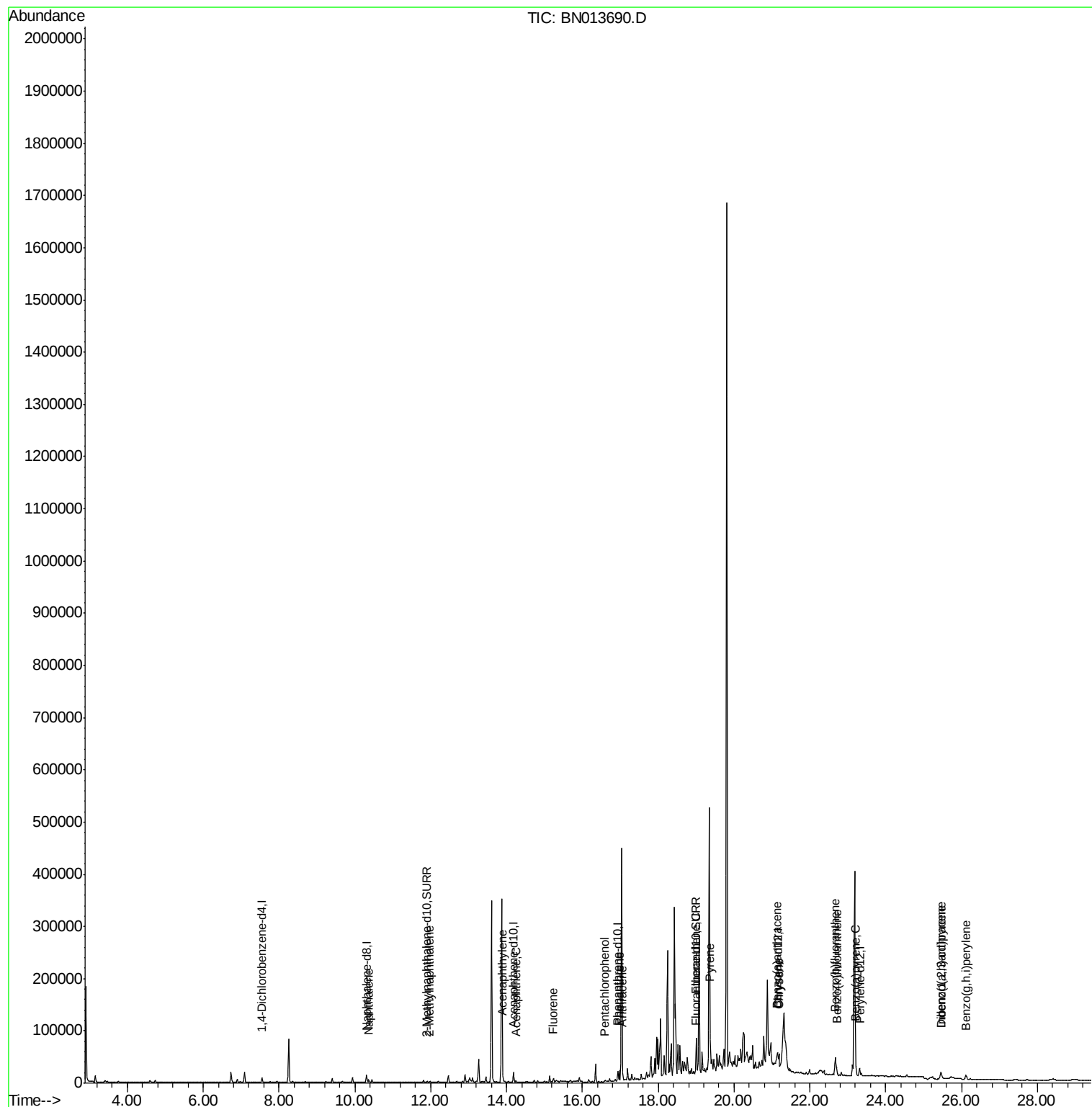
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022021\
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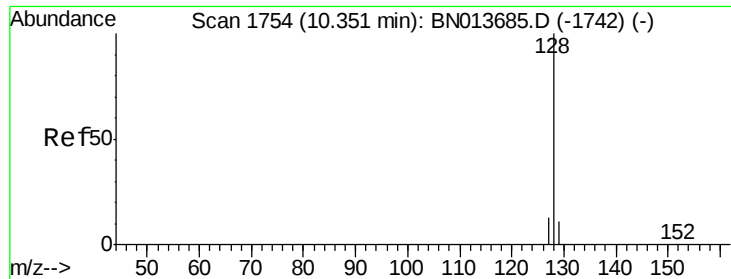
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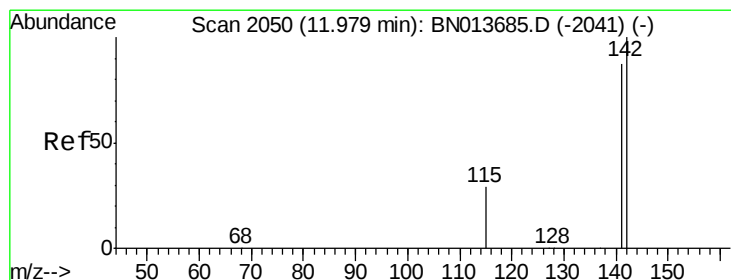
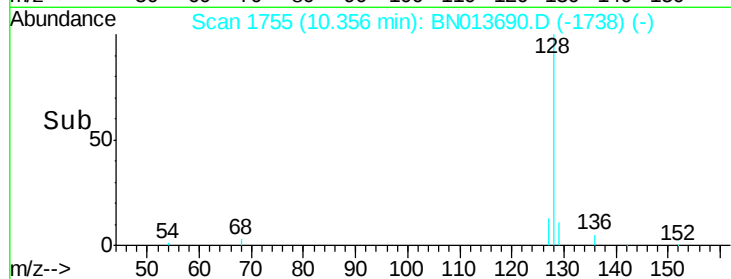
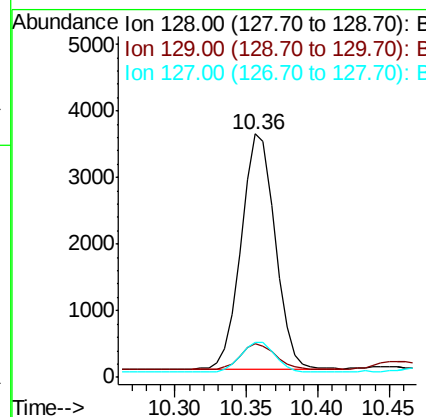
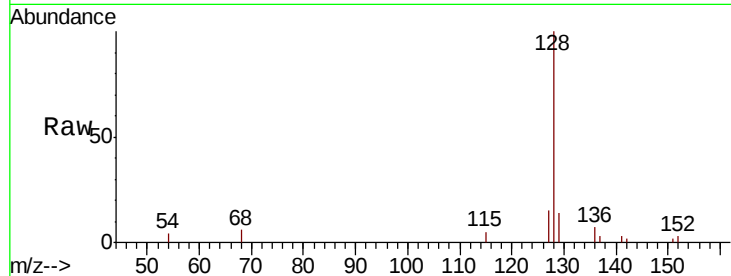
#3
Naphthalene
Concen: 0.122 ng/ul
RT: 10.36 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BN013690.D
Acq: 20 Feb 2021 14:08

Instrument :
BNA_N
ClientSampleID :
DBGY7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.1	13.7
127	14.6	10.8	16.2

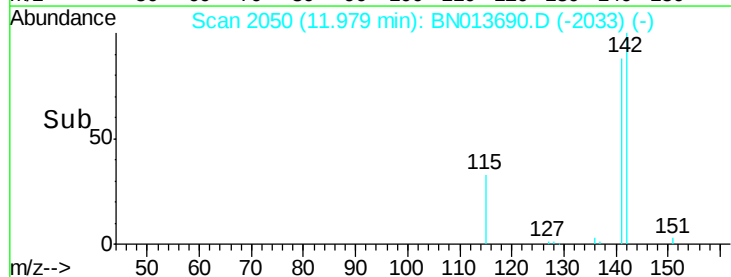
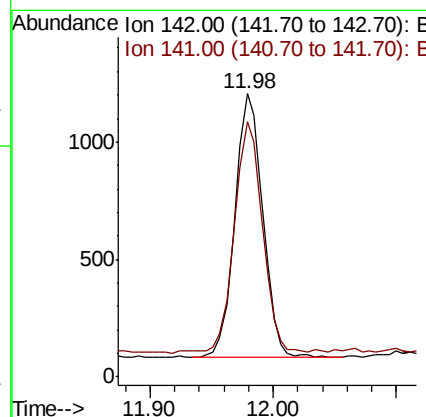
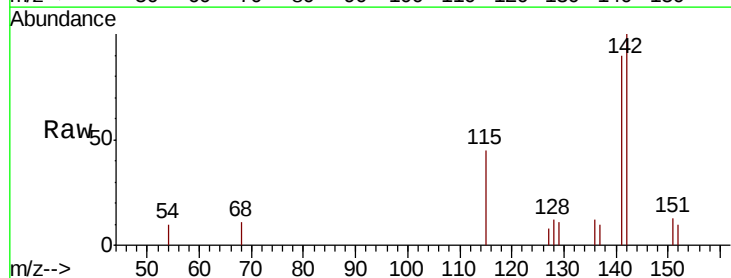
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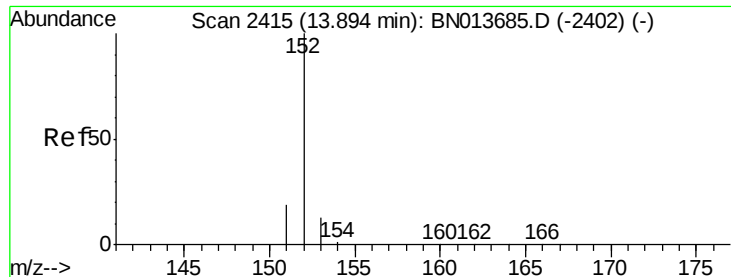
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#5
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 11.98 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BN013690.D
Acq: 20 Feb 2021 14:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2





#7

Acenaphthylene

Concen: 0.245 ng/ul

RT: 13.90 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BN013690.D

Acq: 20 Feb 2021 14:08

Instrument :

BNA_N

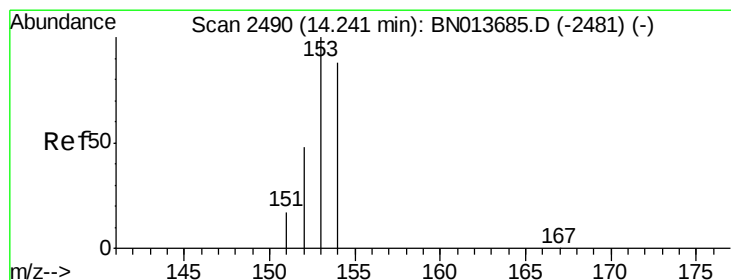
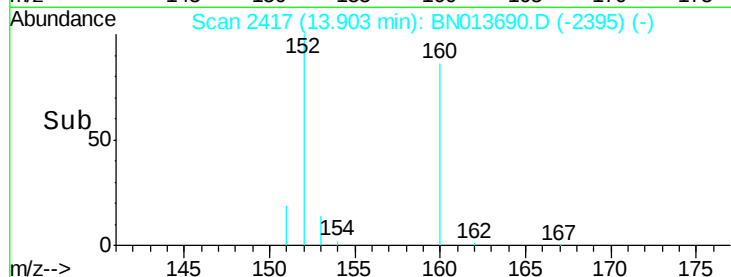
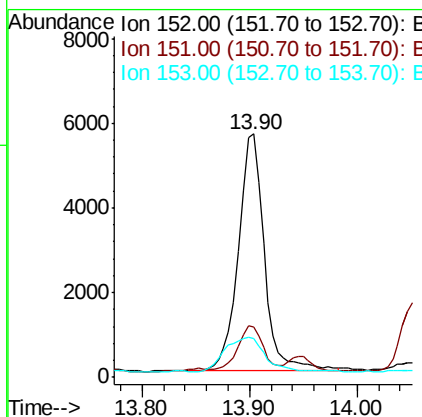
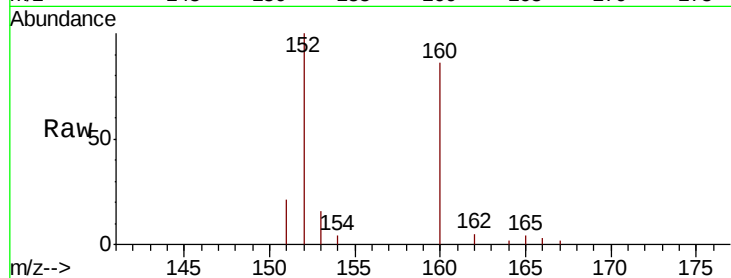
ClientSampleId :

DBGY7DL

Tot Ion:	152	Resp:	9326
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.7	23.5
153	15.9	10.5	15.7#

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#8

Acenaphthene

Concen: 0.056 ng/ul

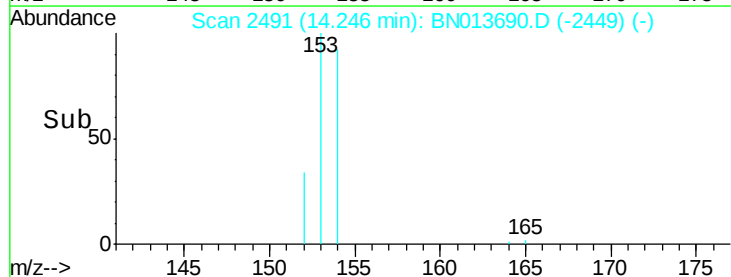
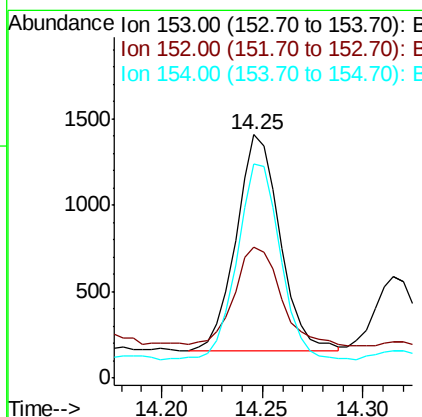
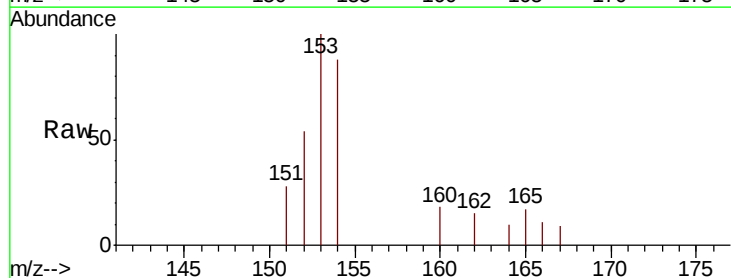
RT: 14.25 min Scan# 2491

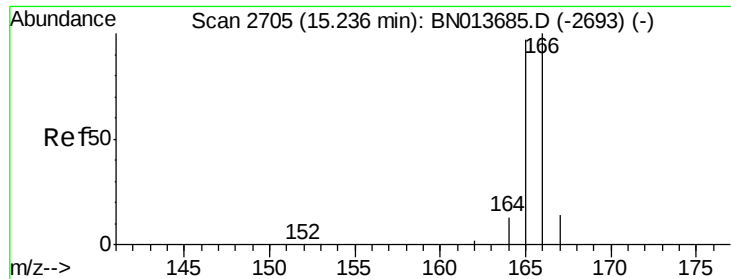
Delta R.T. -0.00 min

Lab File: BN013690.D

Acq: 20 Feb 2021 14:08

Tgt Ion:	153	Resp:	1888
Ion Ratio	Lower	Upper	
153	100		
152	53.7	39.0	58.4
154	87.8	71.3	106.9





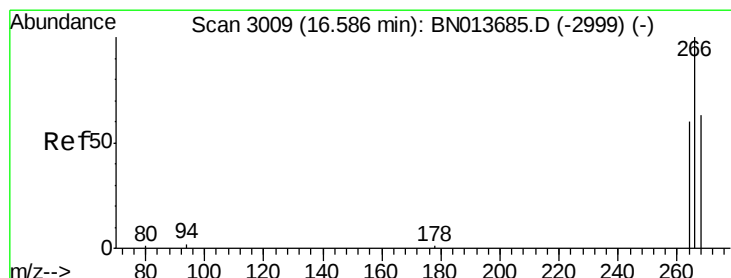
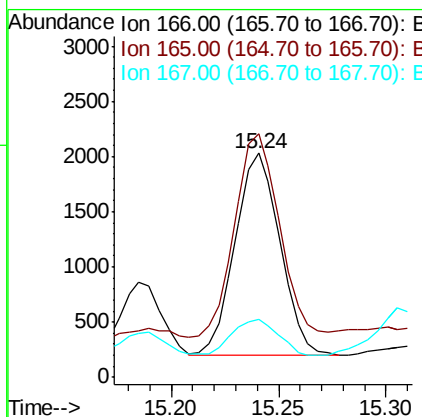
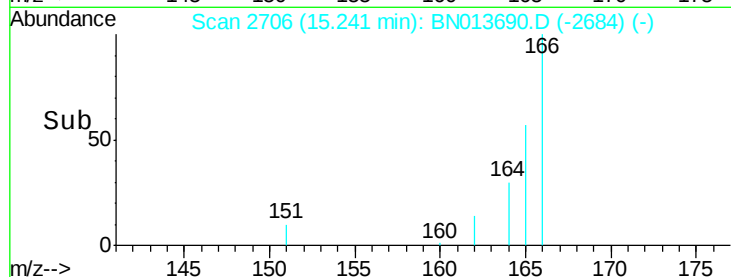
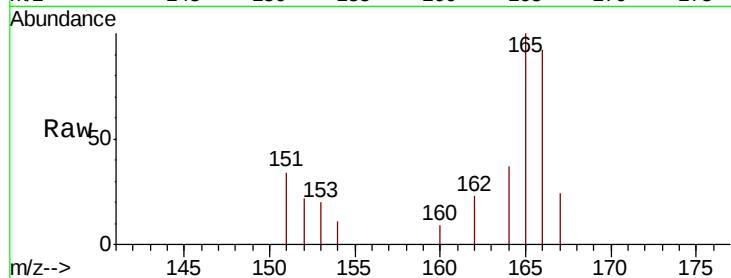
#9
Fluorene
 Concen: 0.069 ng/ul
 RT: 15.24 min Scan# 2706
 Delta R.T. 0.00 min
 Lab File: BN013690.D
 Acq: 20 Feb 2021 14:08

Instrument :
 BNA_N
 ClientSampleID :
 DBGY7DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	108.6	78.9	118.3
167	25.7	11.2	16.8

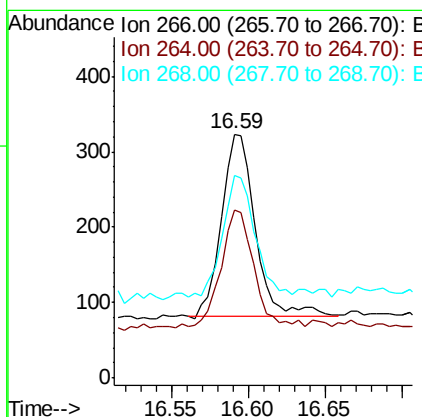
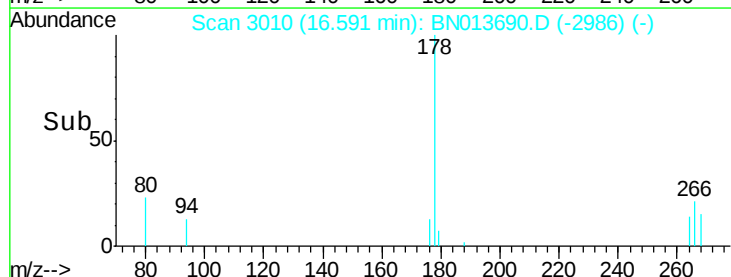
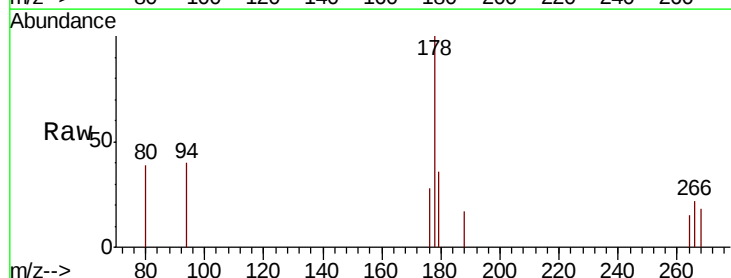
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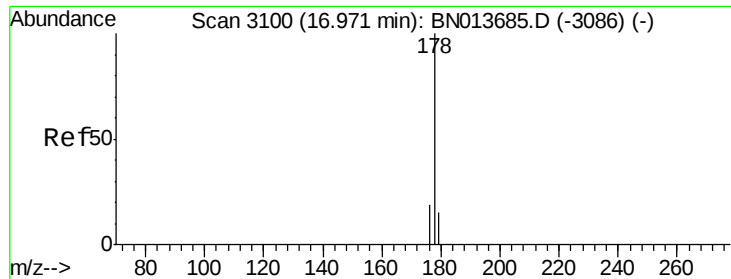
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#11
Pentachlorophenol
 Concen: 0.140 ng/ul
 RT: 16.59 min Scan# 3010
 Delta R.T. 0.00 min
 Lab File: BN013690.D
 Acq: 20 Feb 2021 14:08

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.9	74.9
268	65.1	51.2	76.8





#12

Phenanthrene

Concen: 0.337 ng/ul

RT: 16.98 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BN013690.D

Acq: 20 Feb 2021 14:08

Instrument :

BNA_N

ClientSampleId :

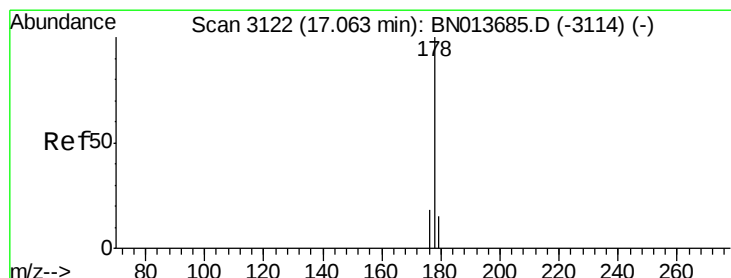
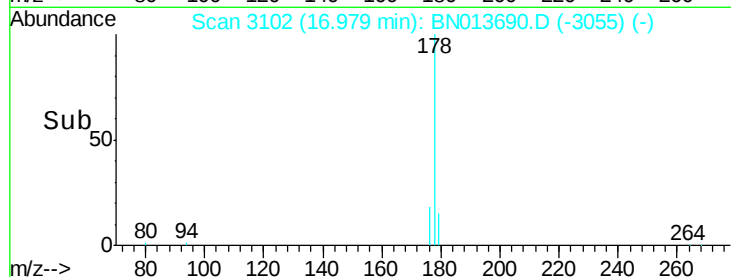
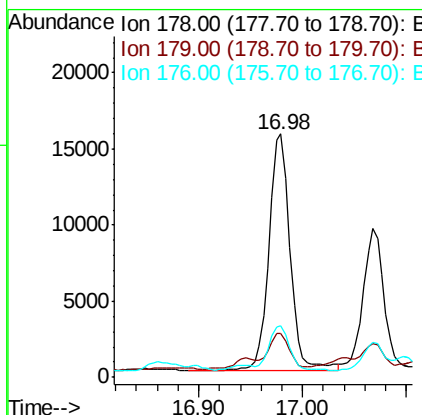
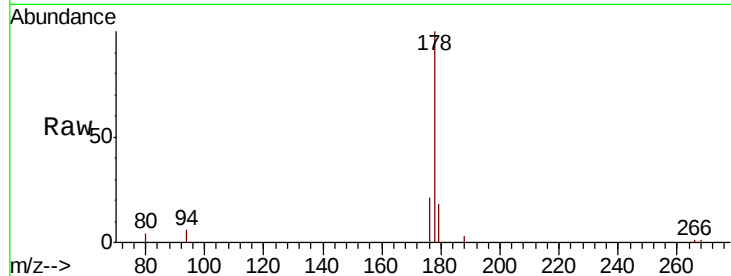
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Tot Ion:178 Resp: 21962

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.5	18.7
176	21.2	15.2	22.8

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#13

Anthracene

Concen: 0.226 ng/ul

RT: 17.07 min Scan# 3123

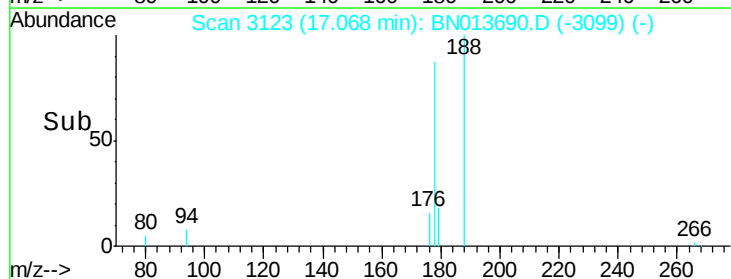
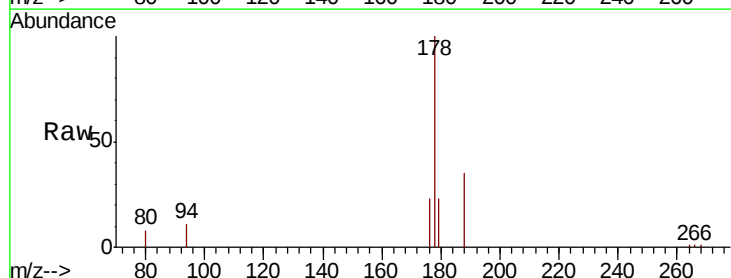
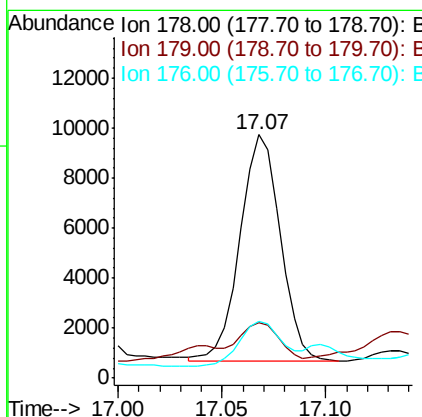
Delta R.T. 0.00 min

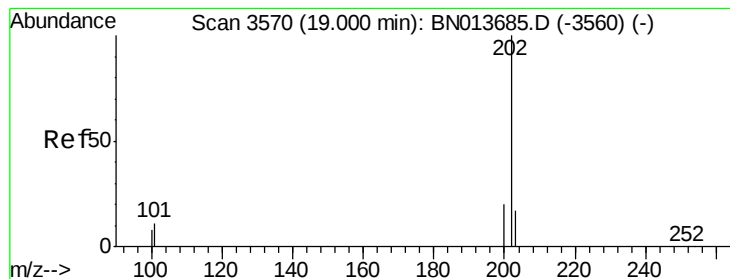
Lab File: BN013690.D

Acq: 20 Feb 2021 14:08

Tgt Ion:178 Resp: 12198

Ion	Ratio	Lower	Upper
178	100		
179	22.7	12.4	18.6#
176	23.3	15.0	22.4#





#15

Fluoranthene

Concen: 0.803 ng/ul

RT: 19.00 min Scan# 3571

Delta R.T. 0.00 min

Lab File: BN013690.D

Acq: 20 Feb 2021 14:08

Instrument :

BNA_N

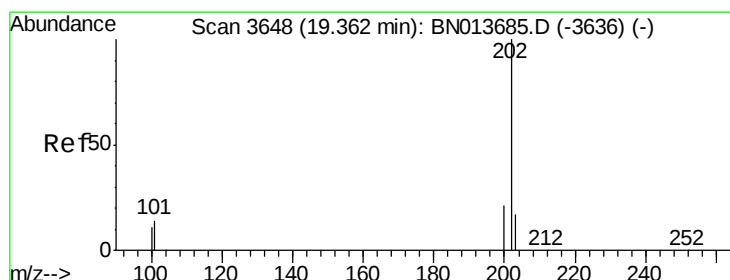
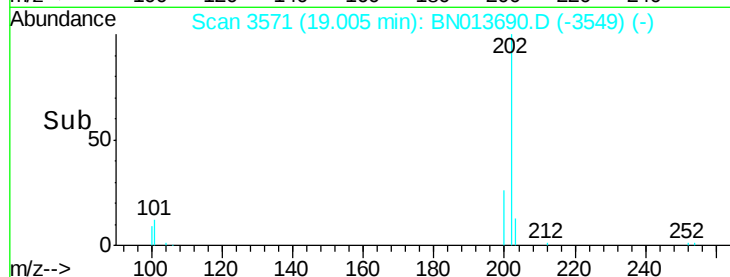
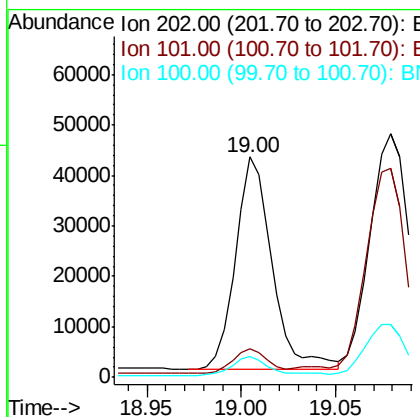
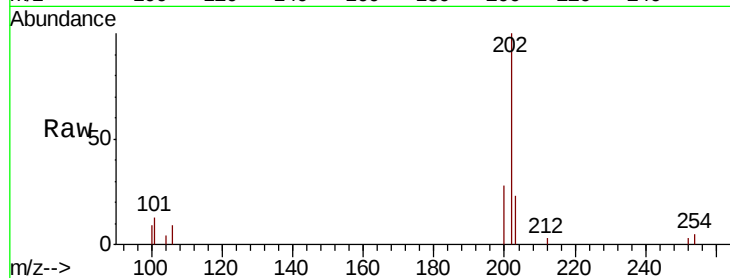
ClientSampleId :

DBGY7DL

Tot Ion:	202	Resp:	56415
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	31.1
100	9.3	0.0	28.5

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#17

Pyrene

Concen: 0.602 ng/ul

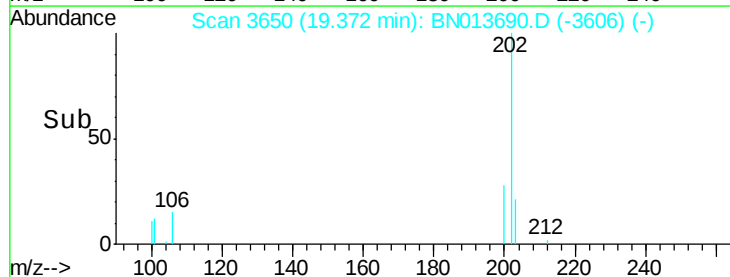
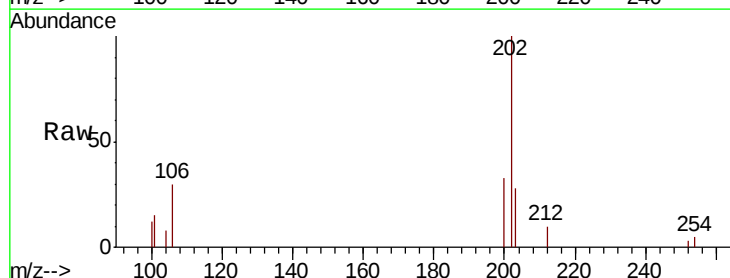
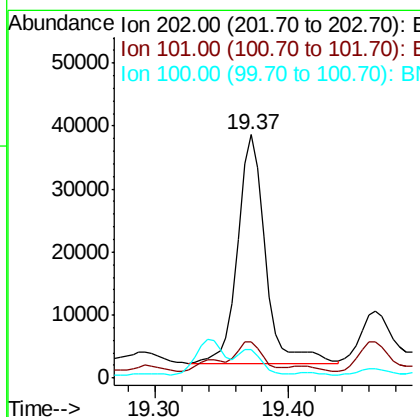
RT: 19.37 min Scan# 3650

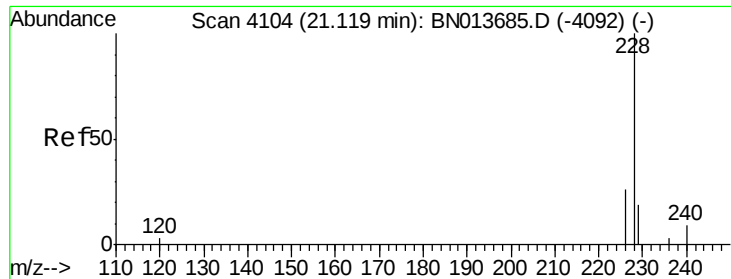
Delta R.T. 0.00 min

Lab File: BN013690.D

Acq: 20 Feb 2021 14:08

Tgt Ion:	202	Resp:	51733
Ion Ratio	Lower	Upper	
202	100		
101	15.0	10.8	16.2
100	11.7	8.6	12.8





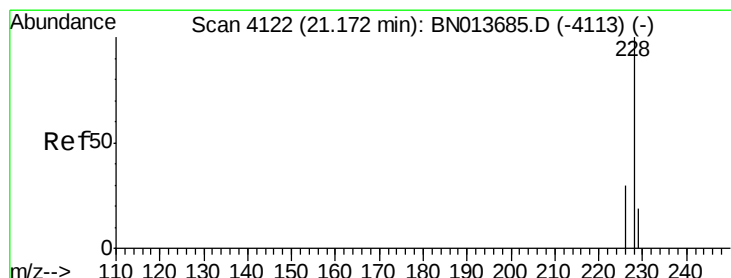
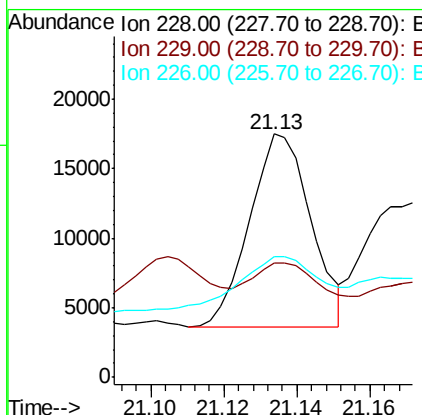
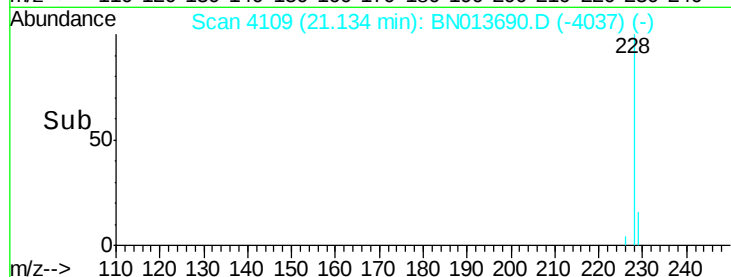
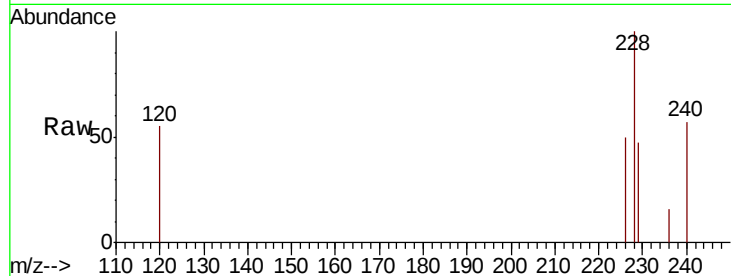
#18
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.13 min Scan# 4109
Delta R.T. 0.01 min
Lab File: BN013690.D
Acq: 20 Feb 2021 14:08

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Tot Ion	Ratio	Lower	Upper
228	100		
229	47.2	15.7	23.5#
226	49.8	21.6	32.4#

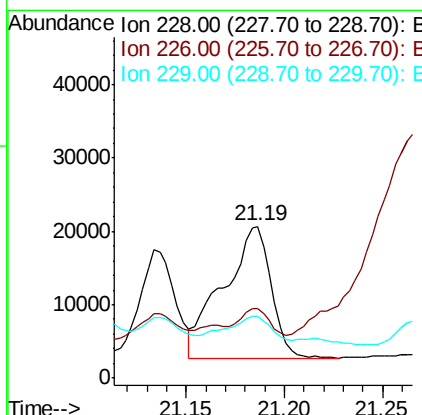
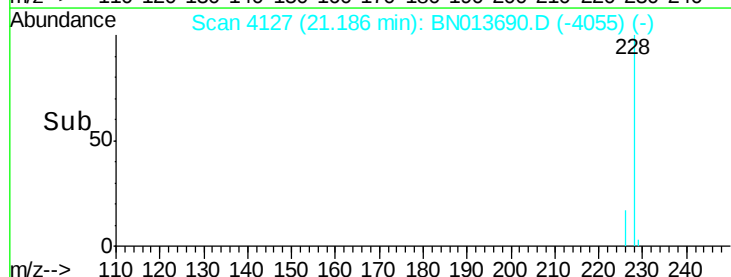
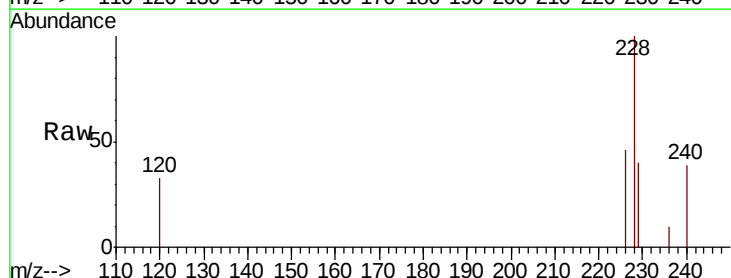
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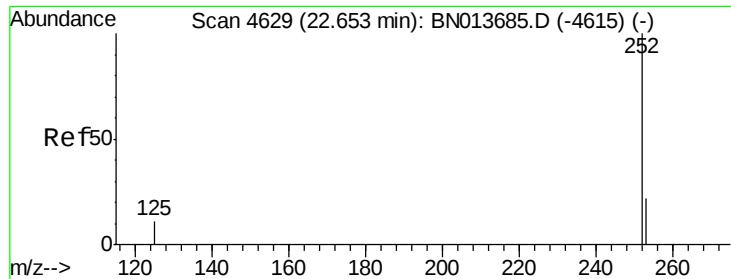
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#19
Chrysene
Concen: 0.362 ng/ul
RT: 21.19 min Scan# 4127
Delta R.T. 0.01 min
Lab File: BN013690.D
Acq: 20 Feb 2021 14:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	45.5	23.4	35.2#
229	40.4	15.7	23.5#





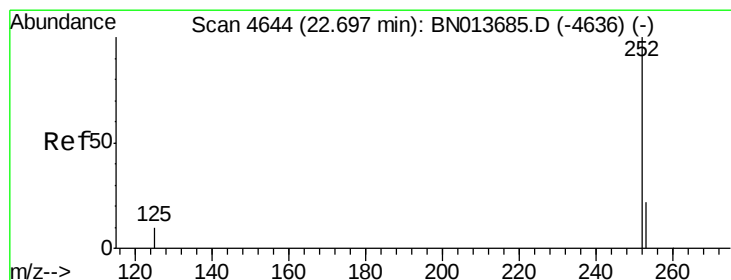
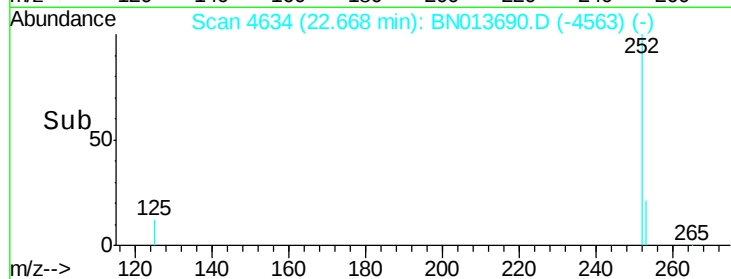
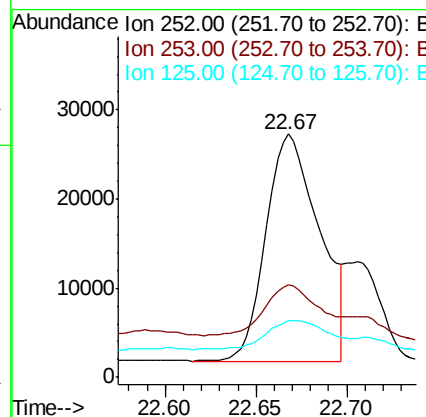
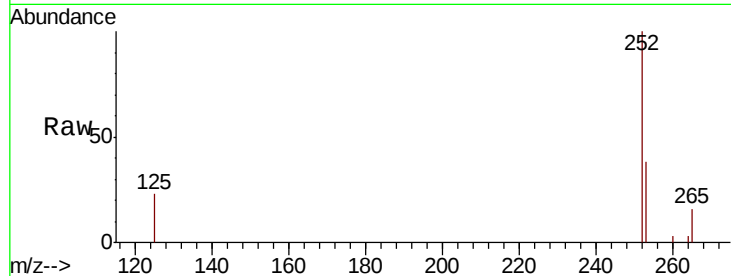
#21
Benzo(b)fluoranthene
Concen: 0.745 ng/ul m
RT: 22.67 min Scan# 4634
Delta R.T. 0.01 min
Lab File: BN013690.D
Acq: 20 Feb 2021 14:08

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	37.8	0.0	46.6
125	23.4	0.0	26.8

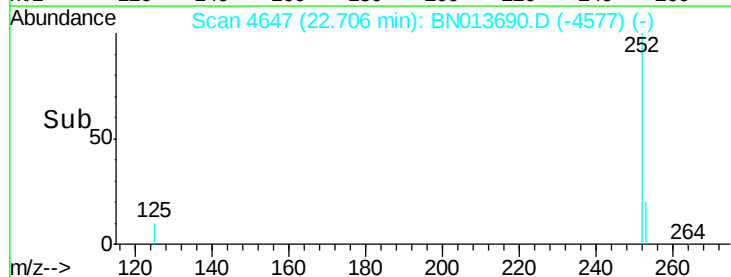
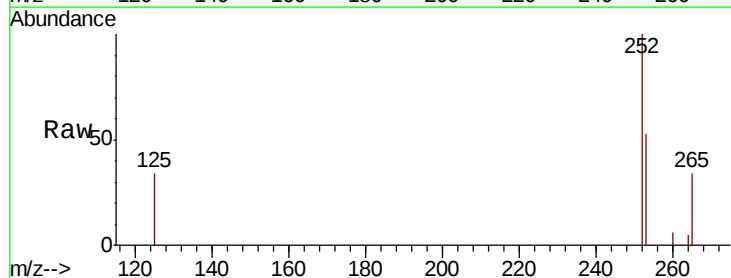
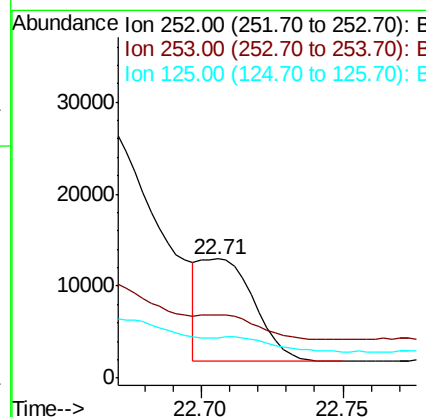
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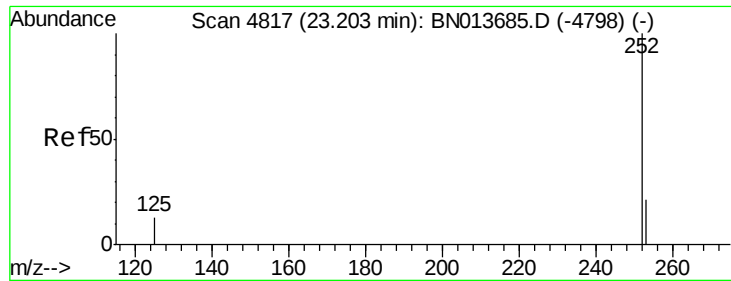
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#22
Benzo(k)fluoranthene
Concen: 0.203 ng/ul m
RT: 22.71 min Scan# 4647
Delta R.T. 0.01 min
Lab File: BN013690.D
Acq: 20 Feb 2021 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.8	19.4	29.2#
125	33.8	10.8	16.2#





#23

Benzo(a)pyrene

Concen: 0.312 ng/uL

RT: 23.22 min Scan# 4822

Delta R.T. 0.01 min

Lab File: BN013690.D

Acq: 20 Feb 2021 14:08

Instrument :

BNA_N

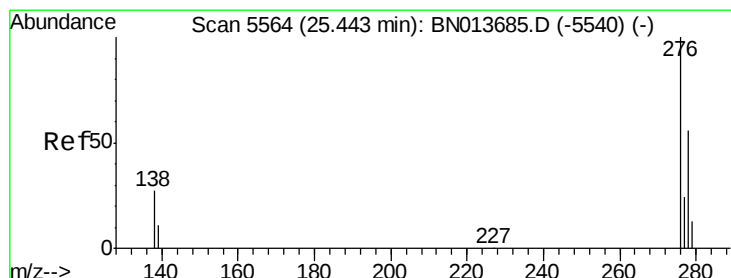
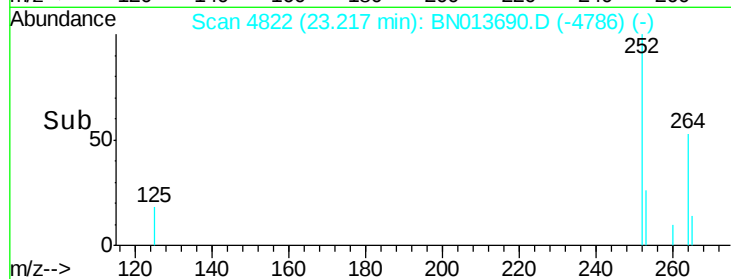
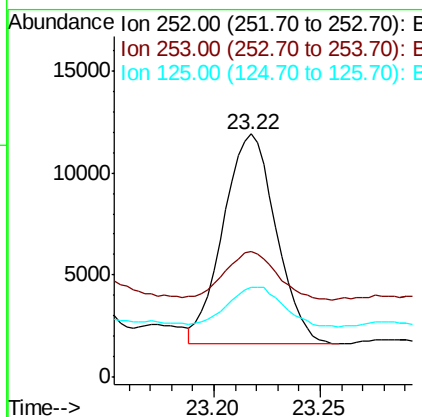
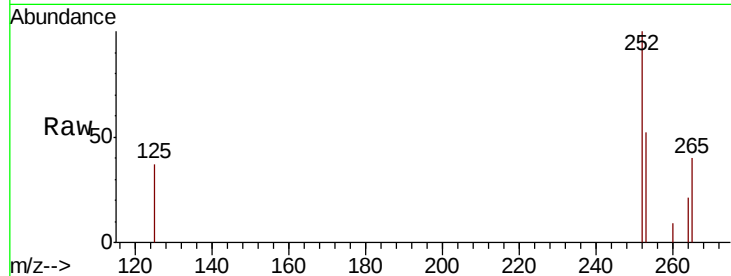
ClientSampleID :

DBGY7DL

Tot Ion:	252	Resp:	17703
Ion Ratio	Lower	Upper	
252	100		
253	51.9	19.9	29.9#
125	37.0	12.5	18.7#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.258 ng/uL

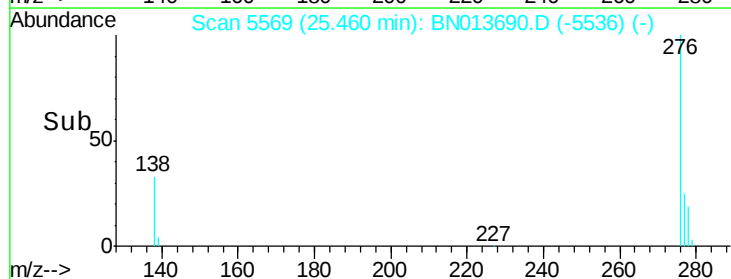
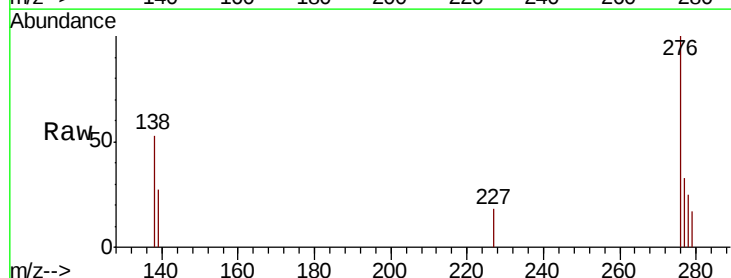
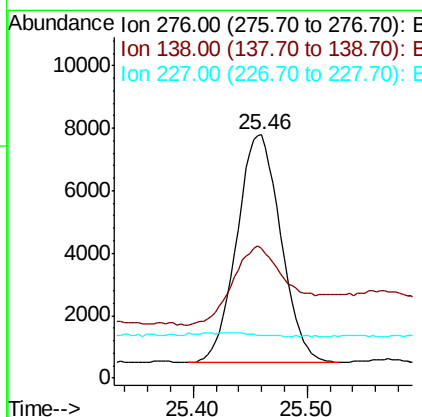
RT: 25.46 min Scan# 5569

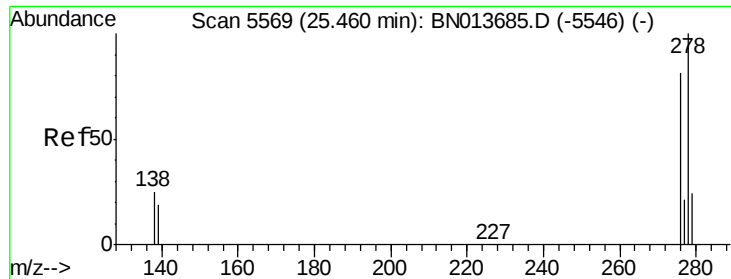
Delta R.T. 0.01 min

Lab File: BN013690.D

Acq: 20 Feb 2021 14:08

Tgt Ion:	276	Resp:	19439
Ion Ratio	Lower	Upper	
276	100		
138	71.5	23.7	35.5#
227	0.0	0.1	0.1#





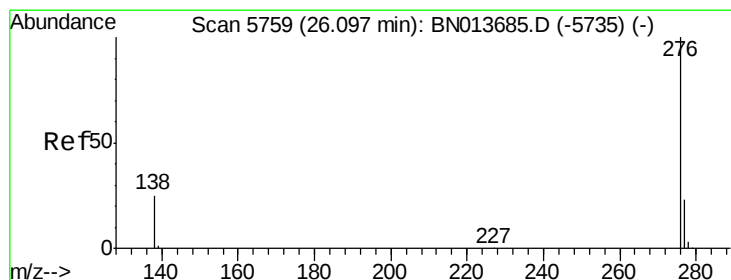
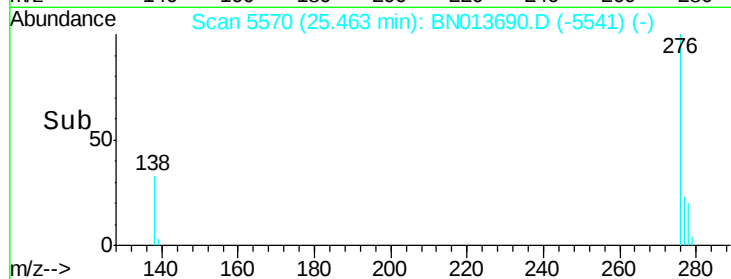
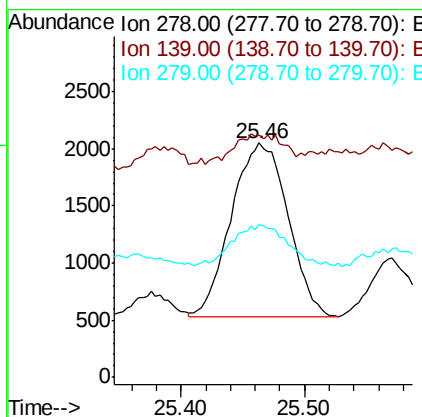
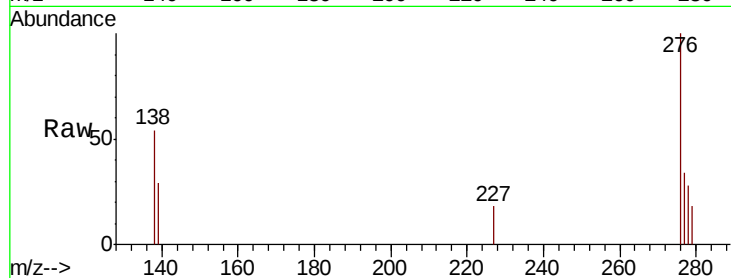
#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/u1
RT: 25.46 min Scan# 5570
Delta R.T. -0.00 min
Lab File: BN013690.D
Acq: 20 Feb 2021 14:08

Instrument :
BNA_N
ClientSampleId :
DBGY7DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	103.2	16.2	24.4#
279	65.4	20.4	30.6#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.259 ng/u1
RT: 26.12 min Scan# 5765
Delta R.T. 0.01 min
Lab File: BN013690.D
Acq: 20 Feb 2021 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	46.2	20.6	30.8#
277	33.6	19.4	29.0#

