

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012851.D
 Acq On : 03 Dec 2020 17:44
 Operator : CG/JU
 Sample : L4866-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B74

Manual Integrations
 APPROVED

mohammad
 12/7/2020 8:51:05 AM

Quant Time: Dec 03 18:17:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 03 15:27:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	627	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	2431	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1493	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	3494m	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	3382	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3195	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.77	152	733	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	1957	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.21	128	706	0.100	ng/ul#	89
5) 2-Methylnaphthalene	11.85	142	418	0.090	ng/ul	96
7) Acenaphthylene	13.78	152	1236	0.175	ng/ul	92
8) Acenaphthene	14.13	153	1498	0.258	ng/ul	98
9) Fluorene	15.12	166	2248	0.338	ng/ul	99
12) Phenanthrene	16.86	178	82264	7.022	ng/ul	96
13) Anthracene	16.95	178	10410	1.044	ng/ul	95
15) Fluoranthene	18.89	202	237149	17.035	ng/ul	95
17) Pyrene	19.26	202	193622	12.121	ng/ul	97
18) Benzo(a)anthracene	21.03	228	93004	6.647	ng/ul	98
19) Chrysene	21.08	228	115101	7.445	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	179742m	12.160	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	60518m	3.704	ng/ul	
23) Benzo(a)pyrene	23.06	252	109388	7.976	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.20	276	89960	4.993	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.21	278	21198m	1.488	ng/ul	
26) Benzo(a,h,i)perylene	25.84	276	83158	5.103	ng/ul	95

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

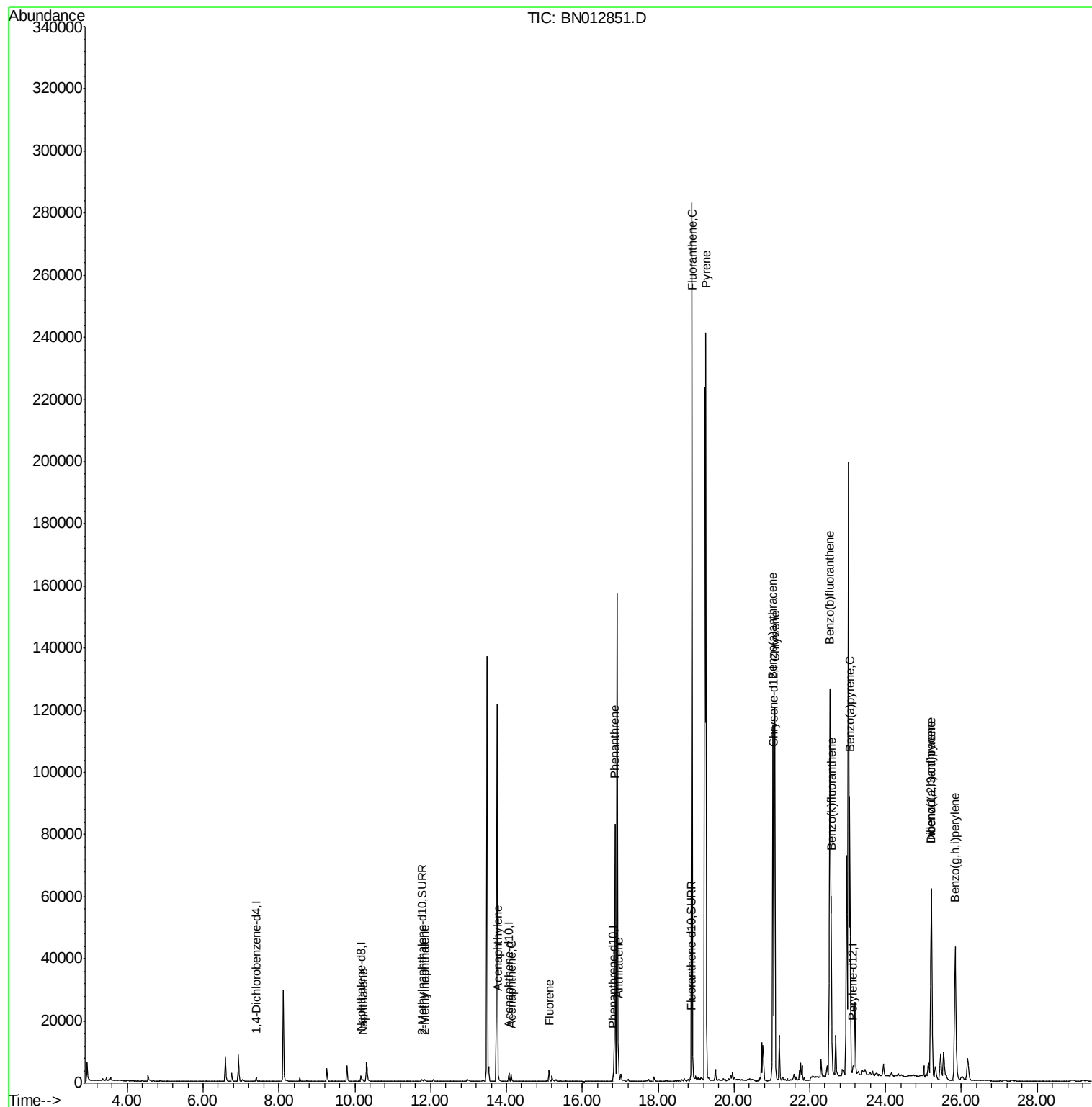
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012851.D
Acq On : 03 Dec 2020 17:44
Operator : CG/JU
Sample : L4866-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

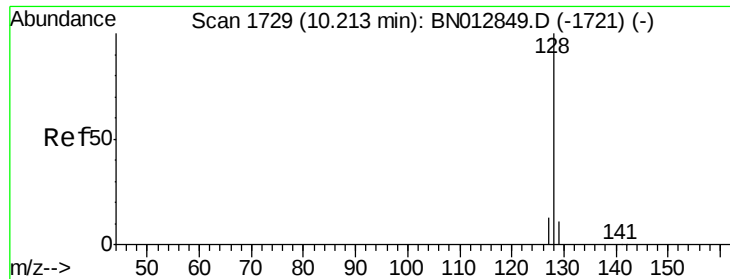
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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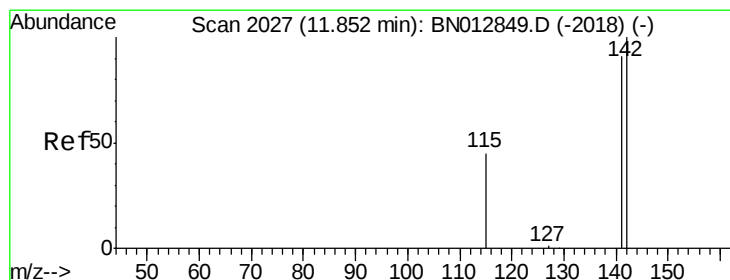
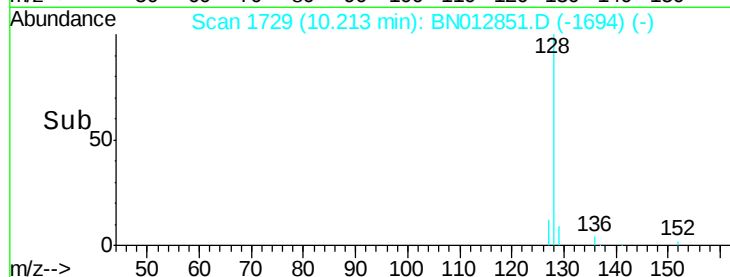
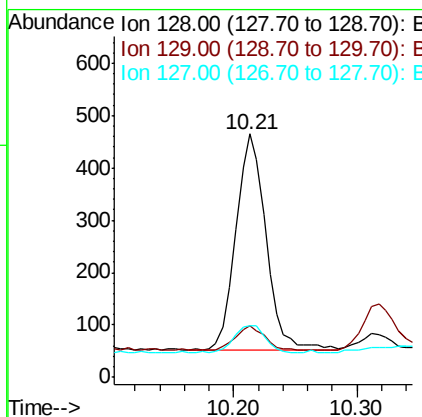
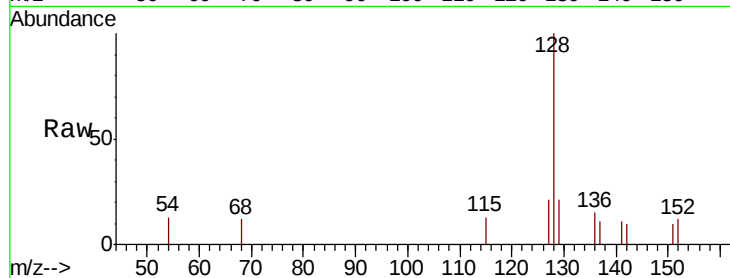
#3
Naphthalene
Concen: 0.100 ng/ul
RT: 10.21 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BN012851.D
Acq: 03 Dec 2020 17:44

Instrument :
BNA_N
ClientSampleId :
C0B74

Tot Ion	Ratio	Lower	Upper
128	100		
129	21.3	12.3	18.5#
127	21.1	14.2	21.4

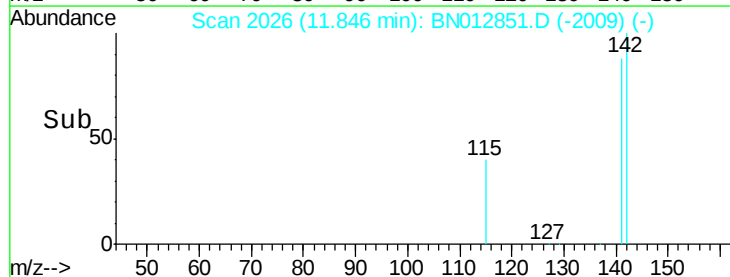
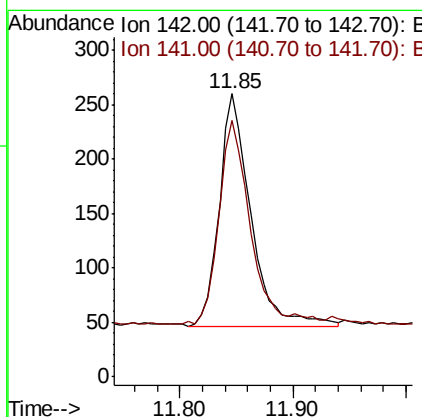
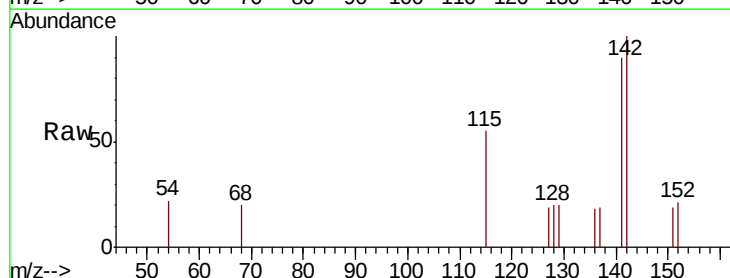
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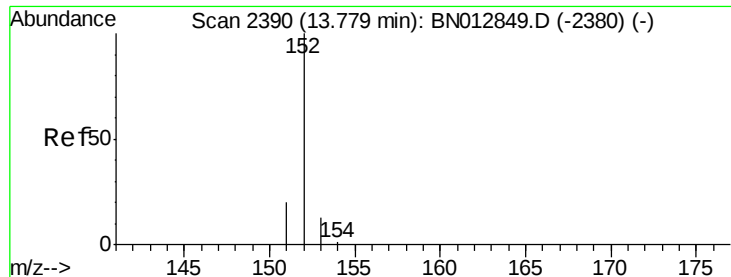
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#5
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 11.85 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BN012851.D
Acq: 03 Dec 2020 17:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	73.0	109.6





#7

Acenaphthylene

Concen: 0.175 ng/ul

RT: 13.78 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN012851.D

Acq: 03 Dec 2020 17:44

Instrument :

BNA_N

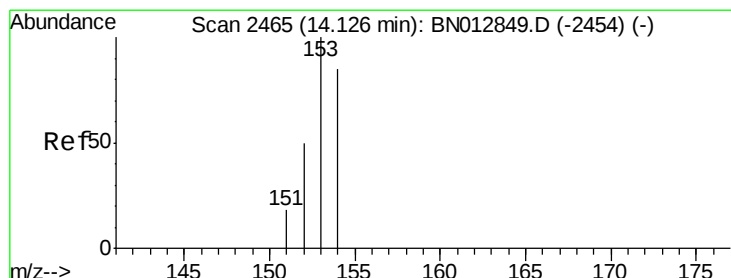
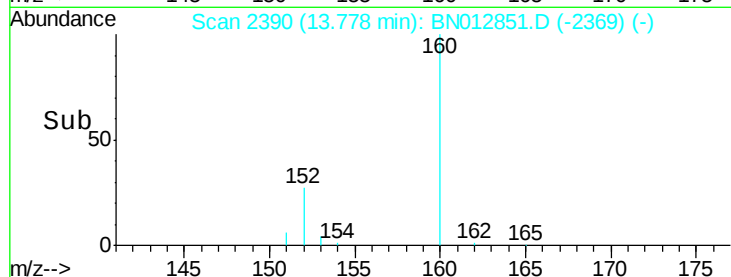
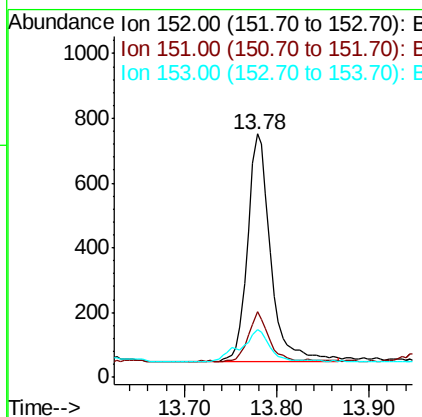
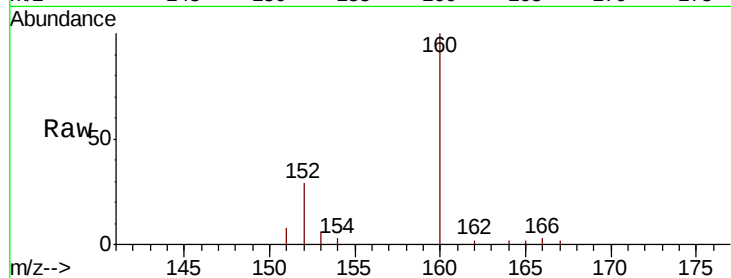
ClientSampled :

C0B74

Tot Ion:	152	Resp:	1236
Ion Ratio	Lower	Upper	
152	100		
151	26.7	18.2	27.4
153	19.5	13.1	19.7

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#8

Acenaphthene

Concen: 0.258 ng/ul

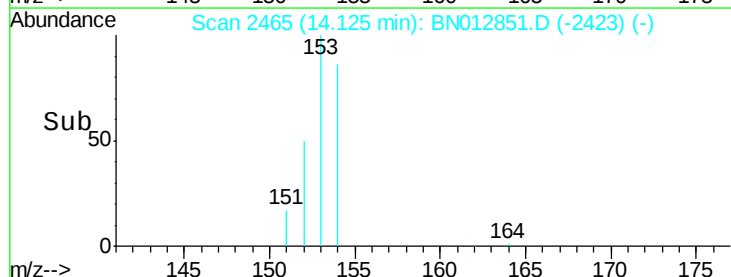
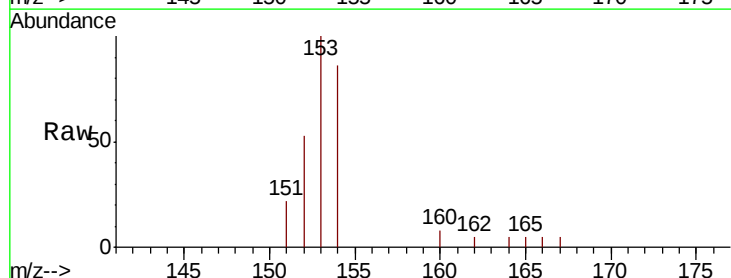
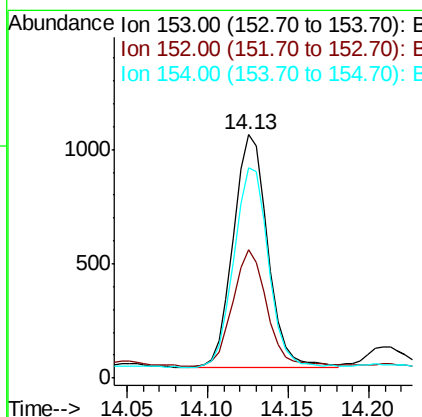
RT: 14.13 min Scan# 2465

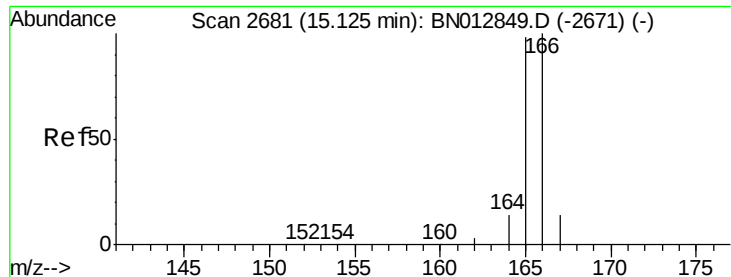
Delta R.T. -0.00 min

Lab File: BN012851.D

Acq: 03 Dec 2020 17:44

Tgt Ion:	153	Resp:	1498
Ion Ratio	Lower	Upper	
153	100		
152	52.7	40.7	61.1
154	86.5	70.8	106.2





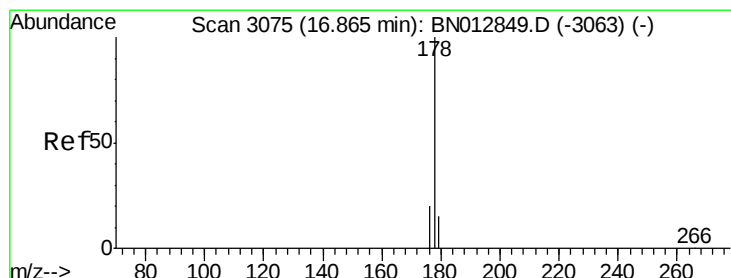
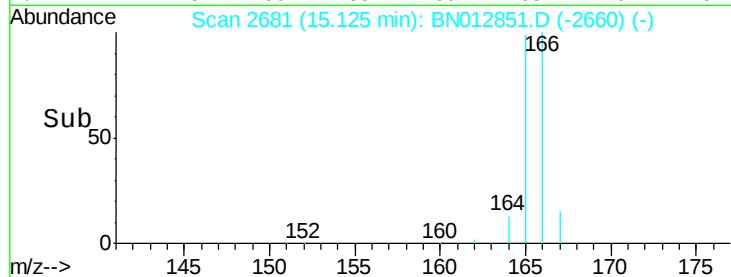
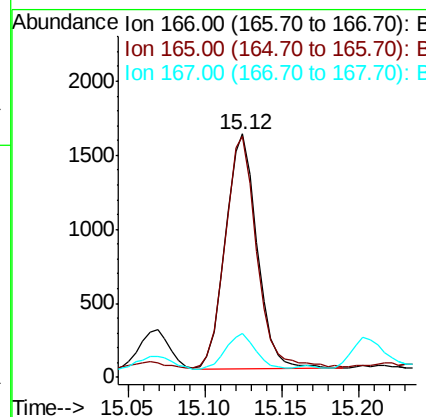
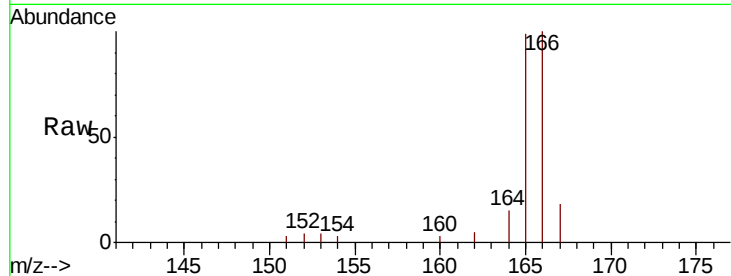
#9
Fluorene
 Concen: 0.338 ng/ul
 RT: 15.12 min Scan# 2681
 Delta R.T. -0.00 min
 Lab File: BN012851.D
 Acq: 03 Dec 2020 17:44

Instrument :
 BNA_N
 ClientSampleId :
 C0B74

Tot Ion:	166	Resp:	2248
Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	17.9	13.8	20.8

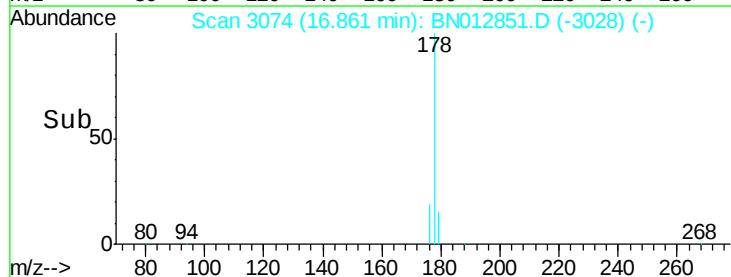
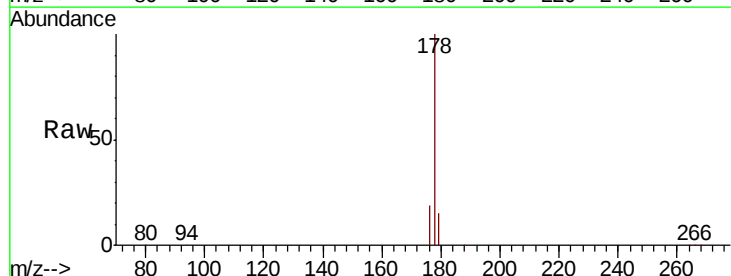
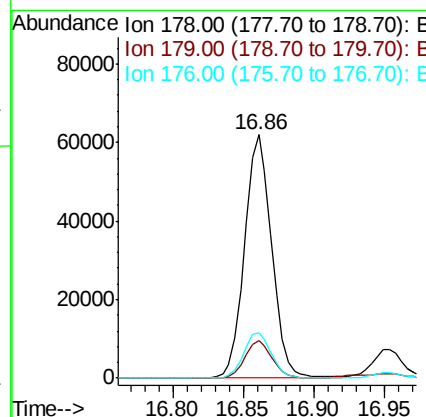
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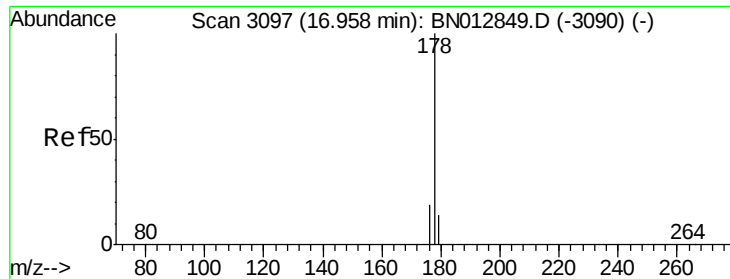
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#12
Phenanthrene
 Concen: 7.022 ng/ul
 RT: 16.86 min Scan# 3074
 Delta R.T. -0.00 min
 Lab File: BN012851.D
 Acq: 03 Dec 2020 17:44

Tgt Ion:	178	Resp:	82264
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.8	16.4	24.6





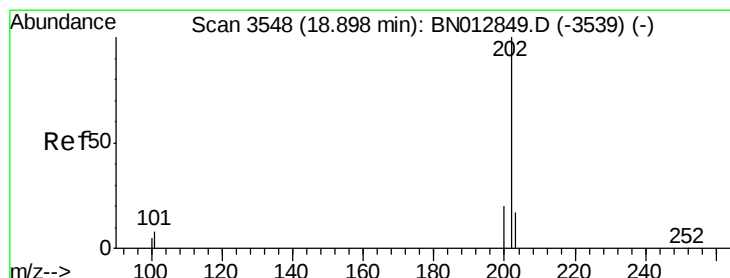
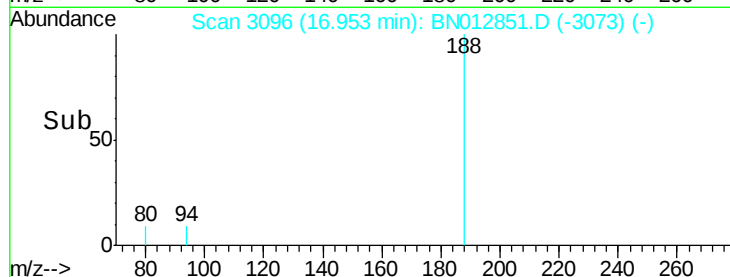
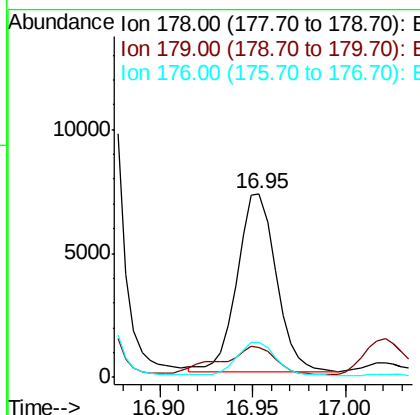
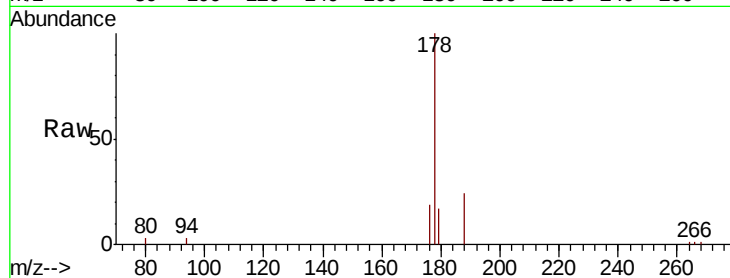
#13
 Anthracene
 Concen: 1.044 ng/ul
 RT: 16.95 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BN012851.D
 Acq: 03 Dec 2020 17:44

Instrument :
 BNA_N
 ClientSampled :
 C0B74

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	14.6	21.8
176	18.8	17.1	25.7

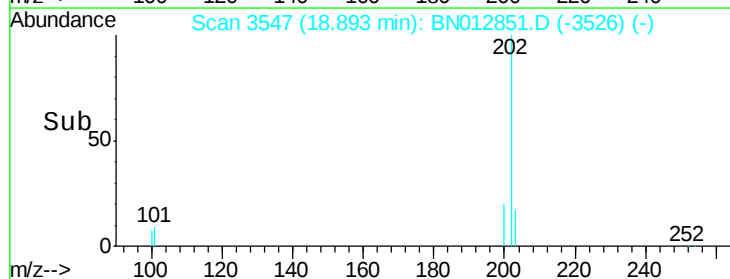
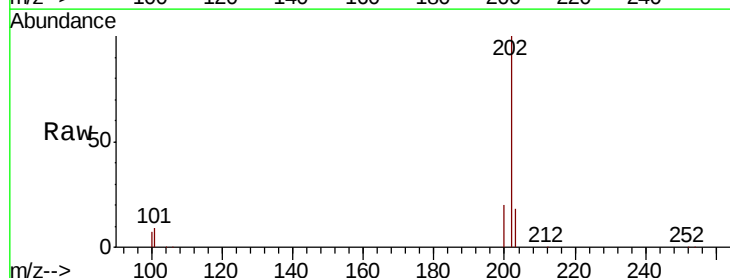
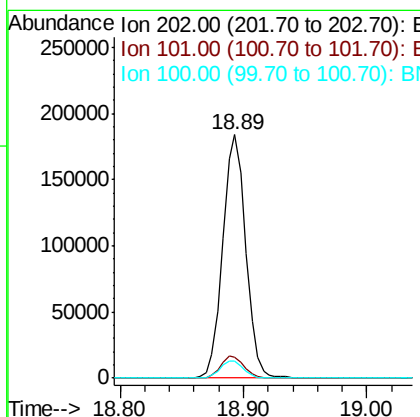
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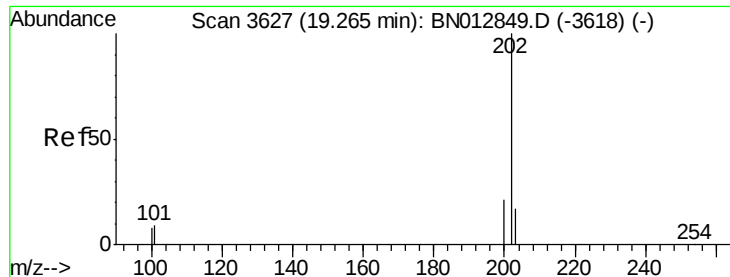
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#15
 Fluoranthene
 Concen: 17.035 ng/ul
 RT: 18.89 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: BN012851.D
 Acq: 03 Dec 2020 17:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.6
100	7.0	0.0	28.7





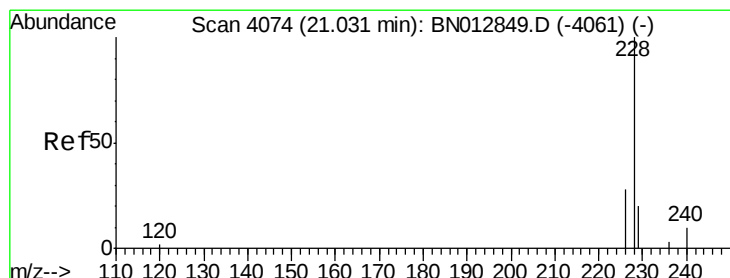
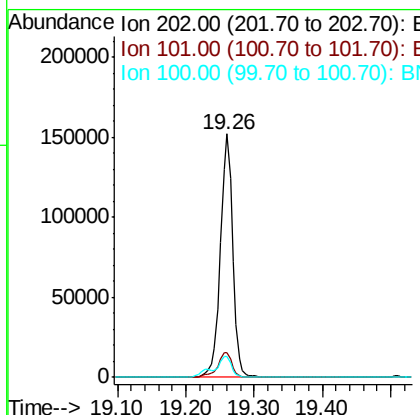
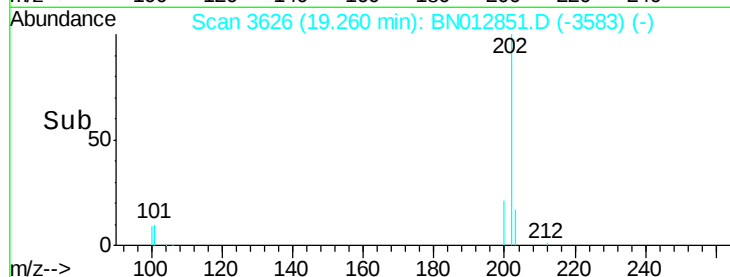
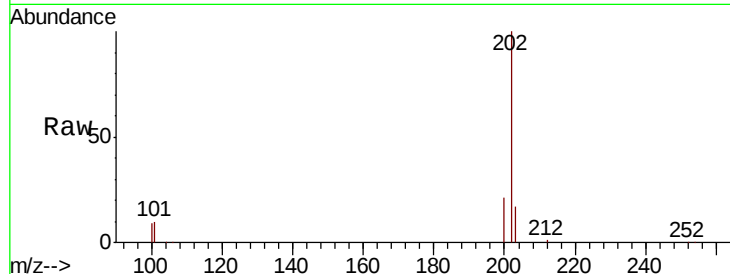
#17
Pvrene
Concen: 12.121 ng/ul
RT: 19.26 min Scan# 3626
Delta R.T. -0.00 min
Lab File: BN012851.D
Acq: 03 Dec 2020 17:44

Instrument :
BNA_N
ClientSampleId :
C0B74

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.4	9.1	13.7
100	8.6	7.5	11.3

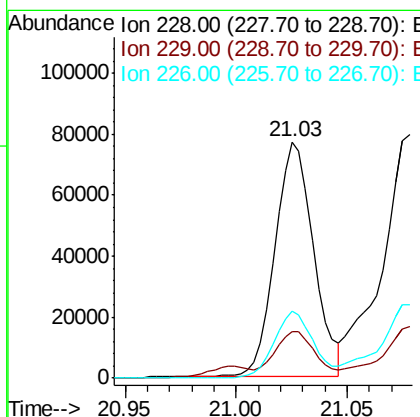
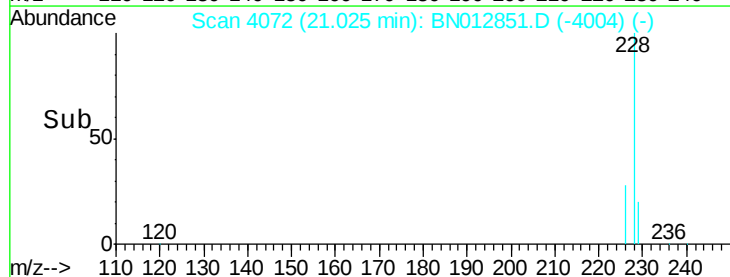
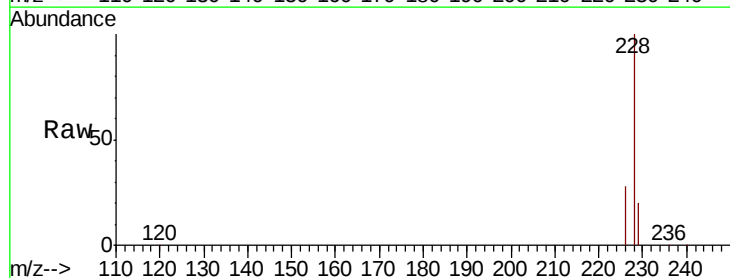
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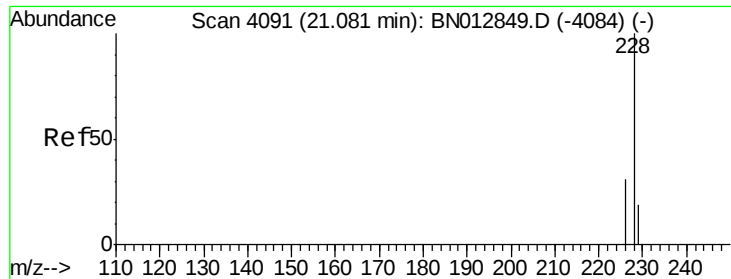
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#18
Benzo(a)anthracene
Concen: 6.647 ng/ul
RT: 21.03 min Scan# 4072
Delta R.T. -0.00 min
Lab File: BN012851.D
Acq: 03 Dec 2020 17:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.9	16.3	24.5
226	28.2	23.4	35.2





#19

Chrysene

Concen: 7.445 ng/ul

RT: 21.08 min Scan# 4090

Delta R.T. -0.00 min

Lab File: BN012851.D

Acq: 03 Dec 2020 17:44

Instrument :

BNA_N

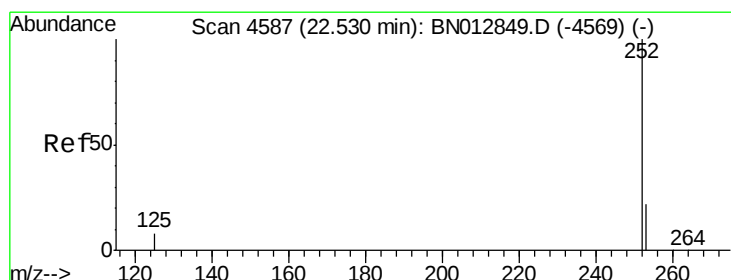
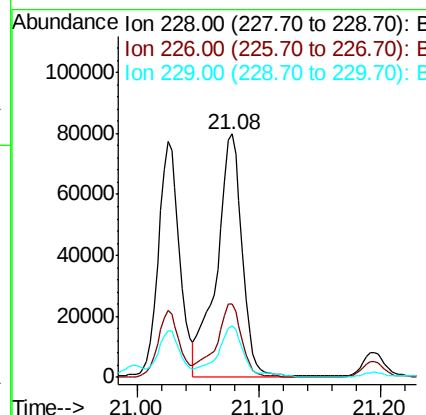
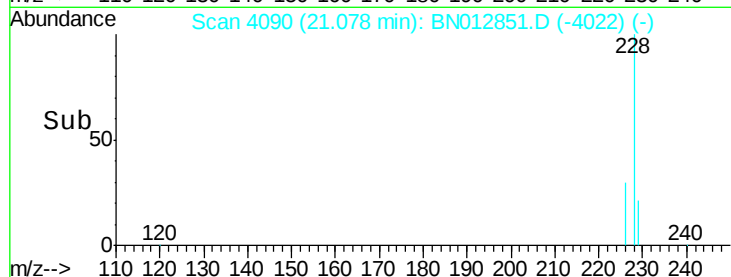
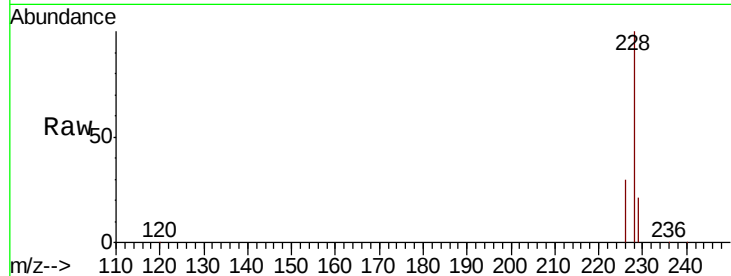
ClientSampled :

C0B74

Tot Ion:228	Resp:	115101
Ion Ratio	Lower	Upper
228 100		
226 30.1	25.0	37.6
229 21.1	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 12.160 ng/ul m

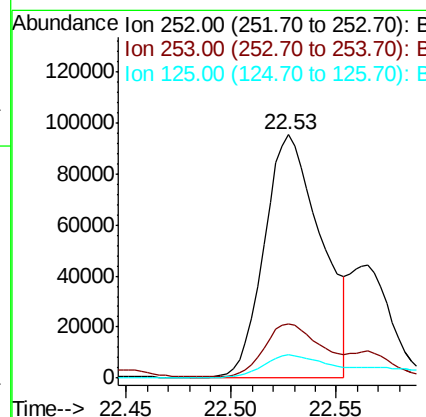
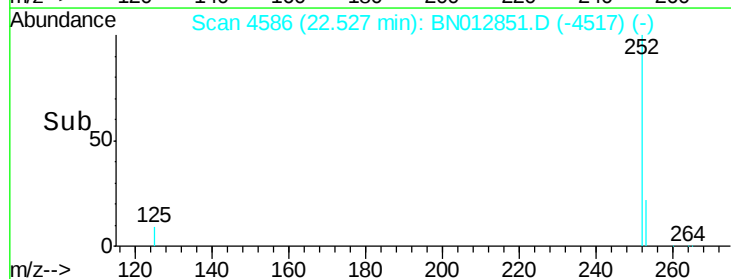
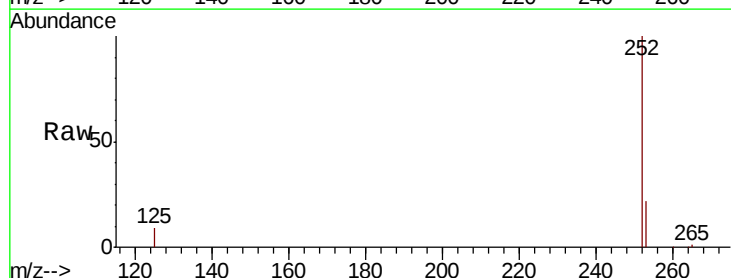
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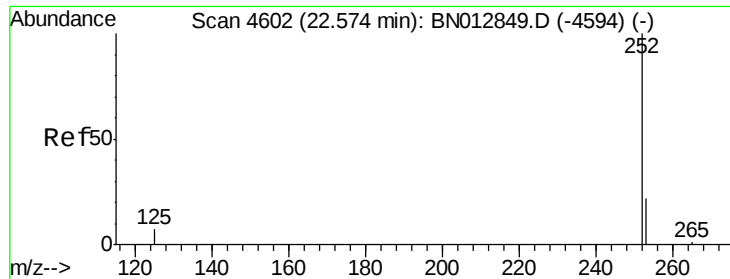
Delta R.T. 0.00 min

Lab File: BN012851.D

Acq: 03 Dec 2020 17:44

Tgt Ion:252	Resp:	179742
Ion Ratio	Lower	Upper
252 100		
253 22.3	0.0	59.6
125 9.5	0.0	26.0





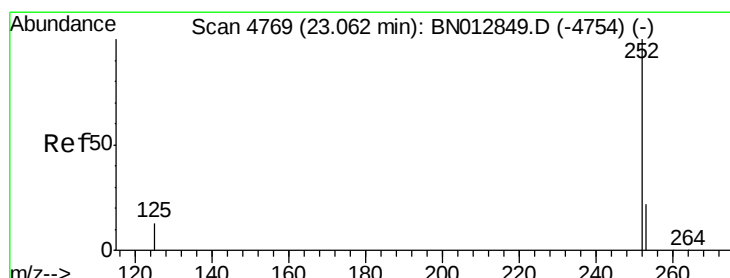
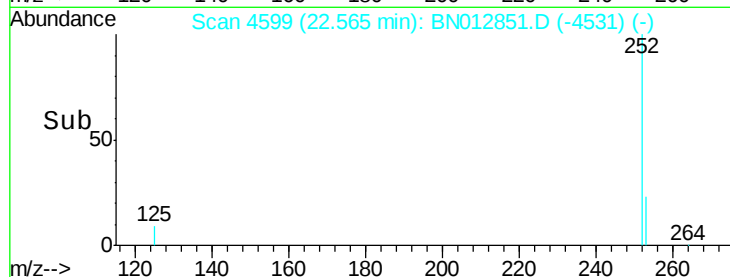
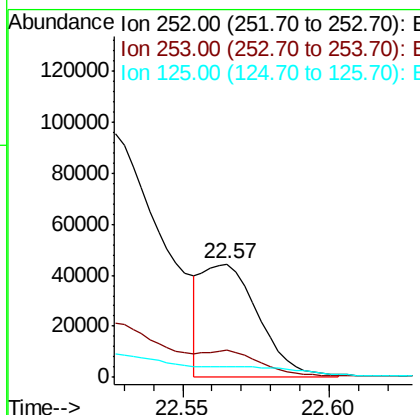
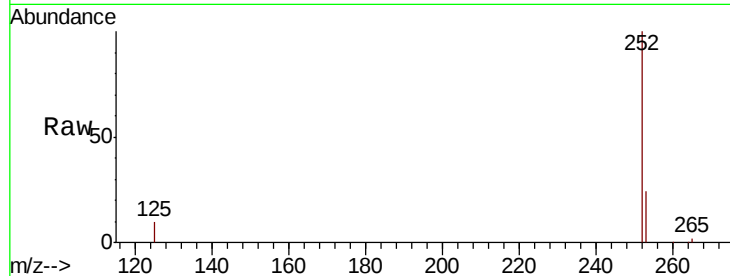
#22
Benzo(k)fluoranthene
Concen: 3.704 ng/ul m
RT: 22.57 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BN012851.D
Acq: 03 Dec 2020 17:44

Instrument :
BNA_N
ClientSampleId :
C0B74

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	23.4	35.2
125	9.9	11.1	16.7

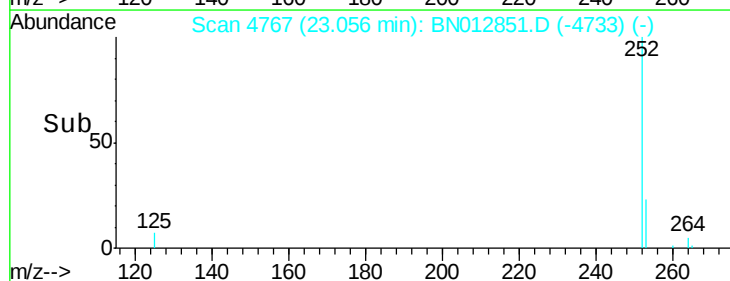
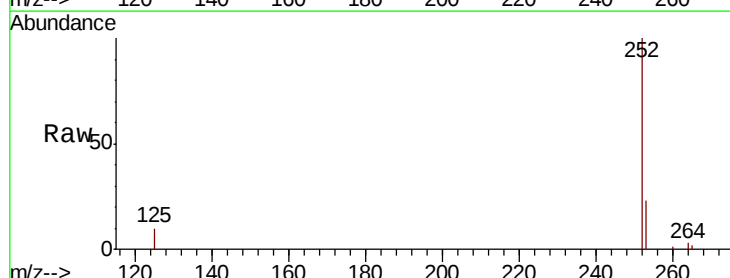
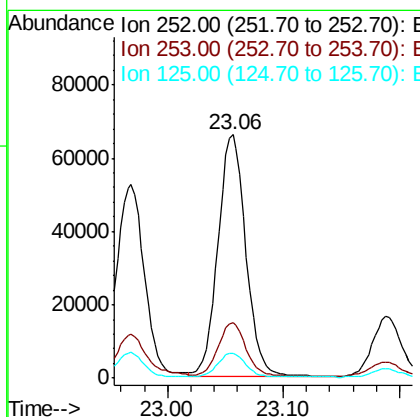
Manual Integrations
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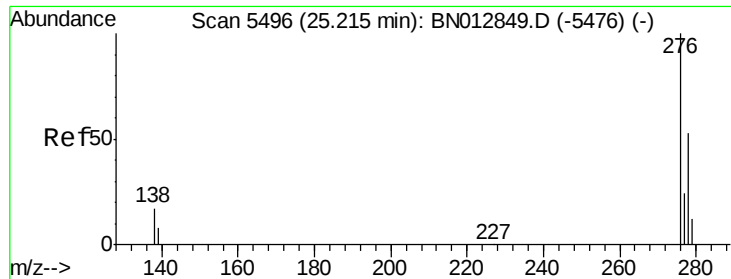
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#23
Benzo(a)pyrene
Concen: 7.976 ng/ul
RT: 23.06 min Scan# 4767
Delta R.T. -0.00 min
Lab File: BN012851.D
Acq: 03 Dec 2020 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	26.5	39.7
125	10.3	14.2	21.2





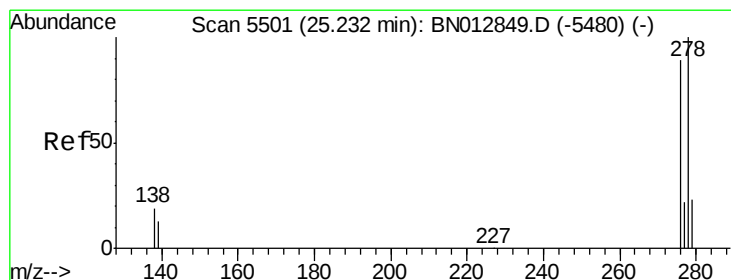
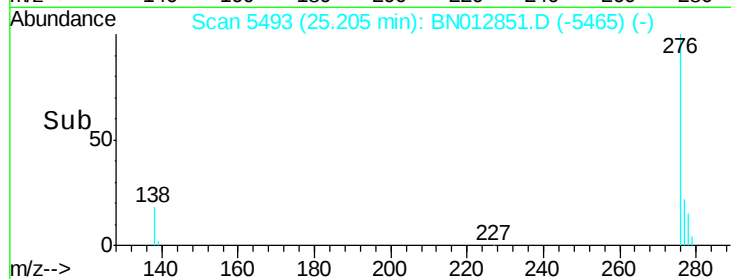
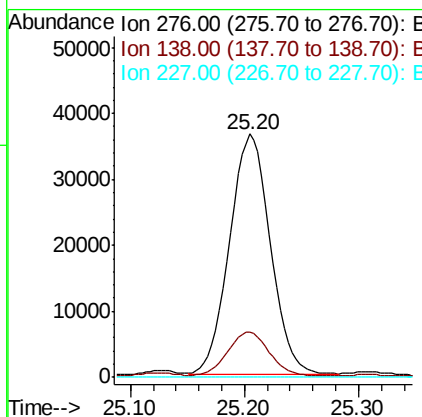
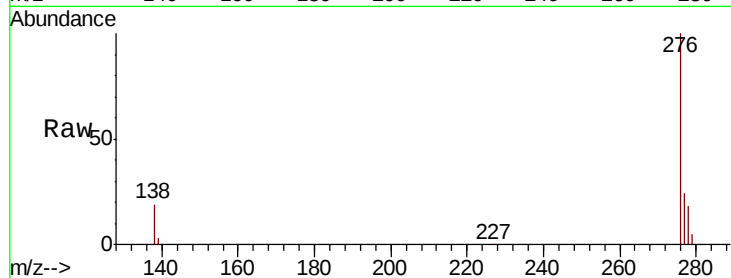
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.993 ng/ul
RT: 25.20 min Scan# 5493
Delta R.T. -0.01 min
Lab File: BN012851.D
Acq: 03 Dec 2020 17:44

Instrument :
BNA_N
ClientSampleId :
C0B74

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.2	24.2
227	0.2	0.0	0.0

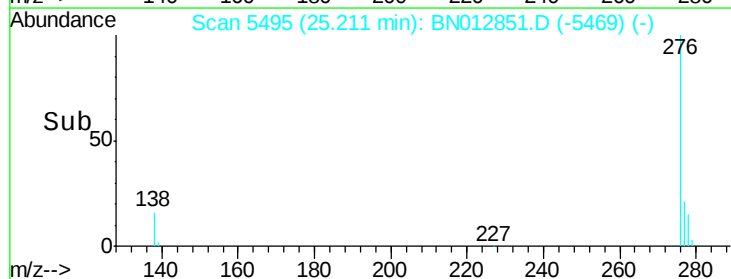
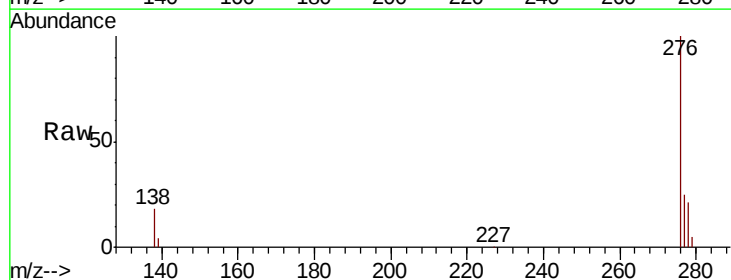
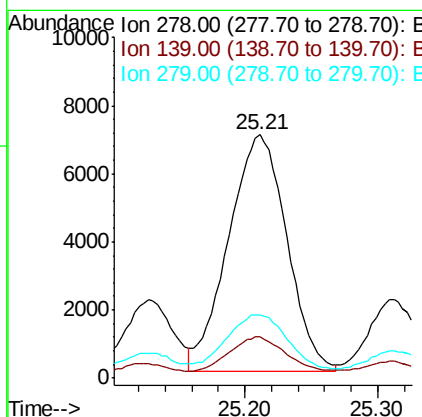
Manual Integrations
APPROVED

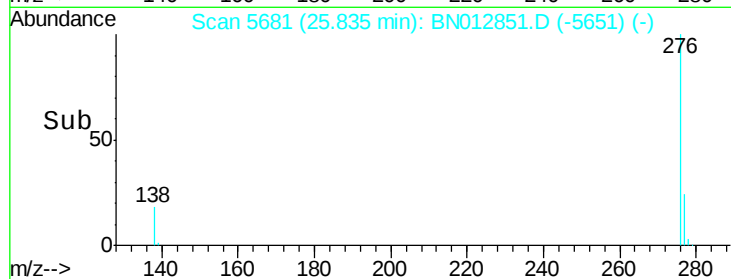
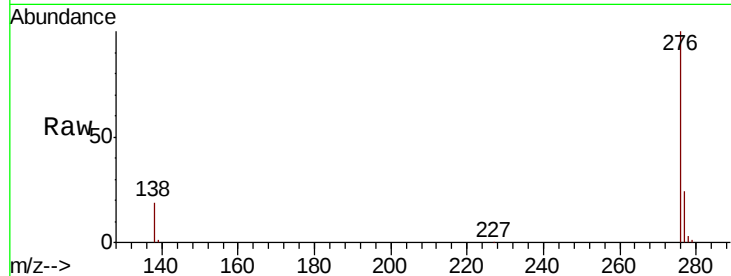
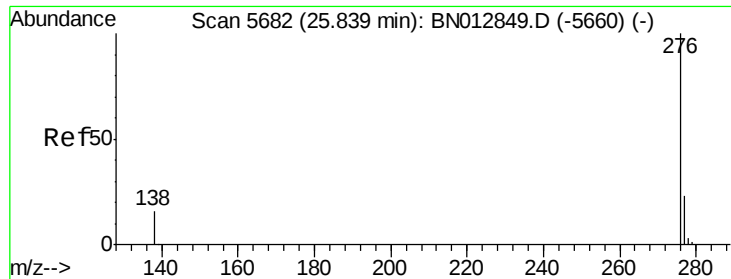
mohammad
12/7/2020 8:51:05 AM



#25
Dibenzo(a,h)anthracene
Concen: 1.488 ng/ul m
RT: 25.21 min Scan# 5495
Delta R.T. -0.01 min
Lab File: BN012851.D
Acq: 03 Dec 2020 17:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.5	21.7
279	26.1	26.3	39.5





#26
Benzo(a,h,i)perylene
Concen: 5.103 ng/ul
RT: 25.84 min Scan# 5681
Delta R.T. -0.00 min
Lab File: BN012851.D
Acq: 03 Dec 2020 17:44

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.3	24.5
277	23.9	21.8	32.6

Instrument :
BNA_N
ClientSampleId :
C0B74

Manual Integrations
APPROVED

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12/7/2020 8:51:05 AM

