

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012864.D
 Acq On : 04 Dec 2020 01:32
 Operator : CG/JU
 Sample : L4865-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B23

Manual Integrations
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Quant Time: Dec 04 02:27:57 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	560	0.40	ng/ul	0.00
2) Naphthalene-d8	10.16	136	2176	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1261	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.82	188	2772	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	2478	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	2771	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.77	152	963	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	2477	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.21	128	757	0.120	ng/ul#	91
5) 2-Methylnaphthalene	11.85	142	544	0.132	ng/ul	99
7) Acenaphthylene	13.78	152	309	0.052	ng/ul#	61
8) Acenaphthene	14.13	153	219	0.045	ng/ul#	90
9) Fluorene	15.12	166	213	0.038	ng/ul#	90
12) Phenanthrene	16.86	178	5161	0.555	ng/ul	99
13) Anthracene	16.95	178	925	0.117	ng/ul#	91
15) Fluoranthene	18.89	202	11707	1.060	ng/ul	97
17) Pyrene	19.26	202	11168	0.954	ng/ul	98
18) Benzo(a)anthracene	21.02	228	5641	0.550	ng/ul	99
19) Chrysene	21.07	228	6803	0.601	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	9389m	0.732	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	3785m	0.267	ng/ul	
23) Benzo(a)pyrene	23.04	252	6476	0.544	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.20	276	4819	0.308	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.21	278	1155	0.093	ng/ul#	68
26) Benzo(a,h,i)perylene	25.83	276	4396	0.311	ng/ul	98

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

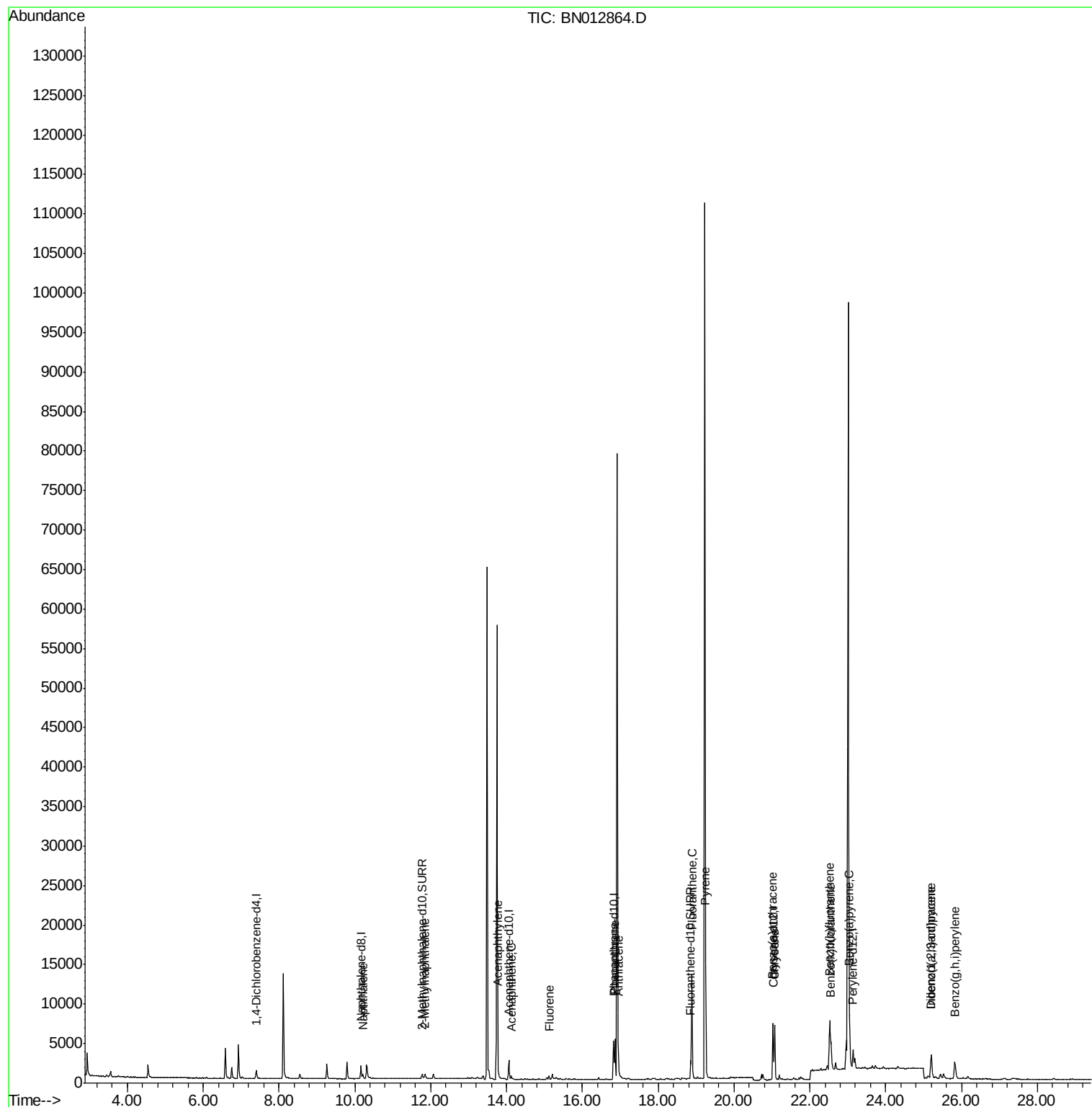
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
Data File : BN012864.D
Acq On : 04 Dec 2020 01:32
Operator : CG/JU
Sample : L4865-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

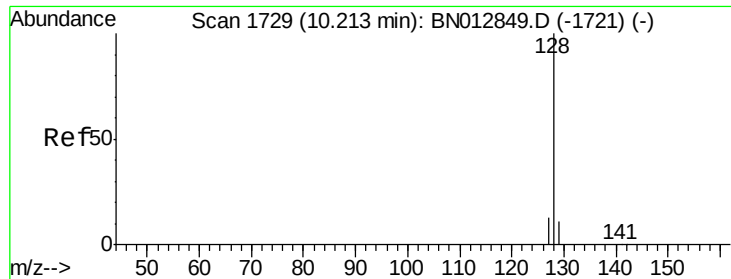
Instrument :
BNA_N
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Quant Time: Dec 04 02:27:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 03 15:27:55 2020
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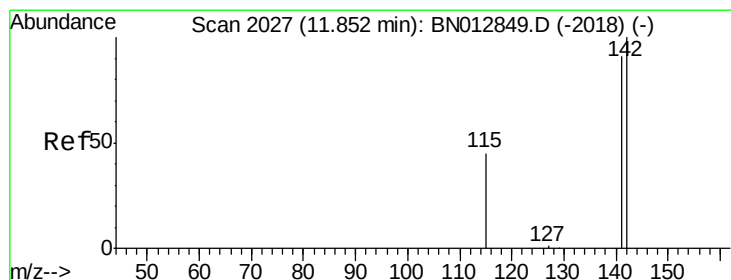
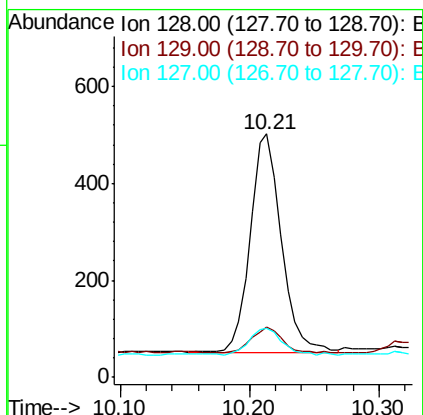
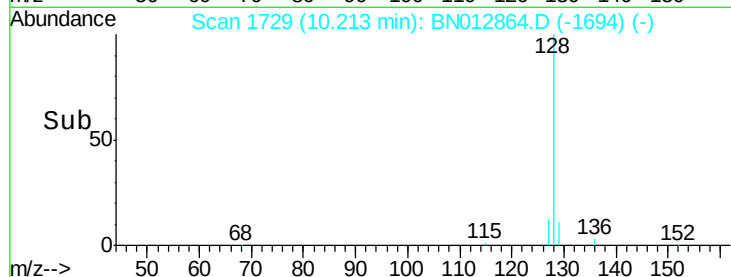
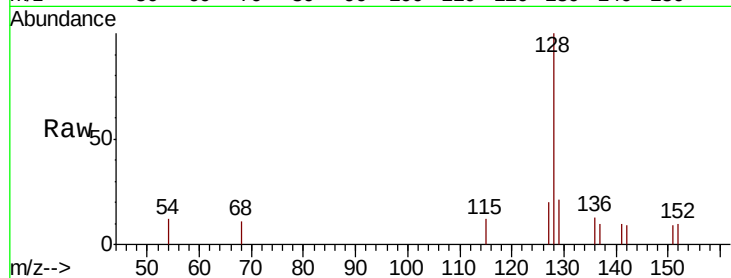
#3
Naphthalene
Concen: 0.120 ng/ul
RT: 10.21 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BN012864.D
Acq: 04 Dec 2020 01:32

Instrument :
BNA_N
ClientSampleId :
C0B23

Tot Ion	Ratio	Lower	Upper
128	100		
129	20.5	12.3	18.5#
127	20.3	14.2	21.4

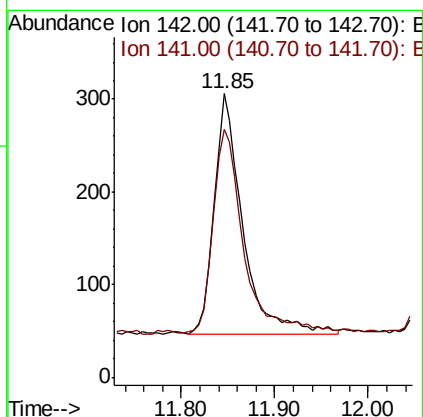
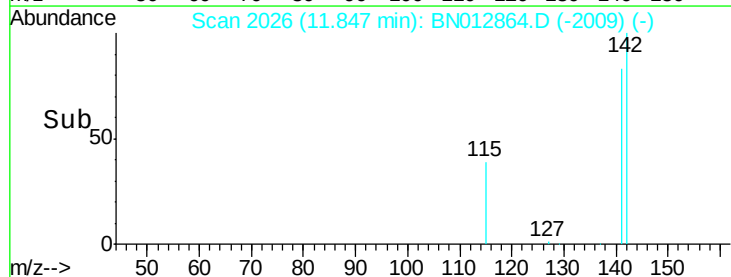
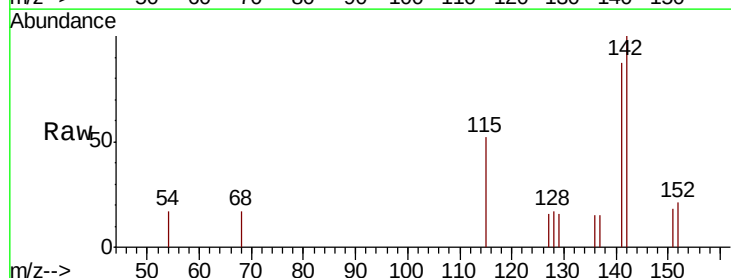
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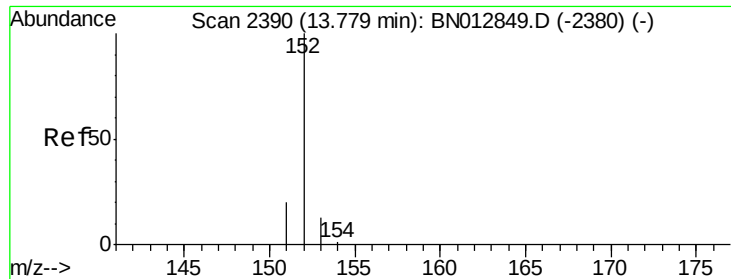
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#5
2-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 11.85 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BN012864.D
Acq: 04 Dec 2020 01:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.6





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 13.78 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN012864.D

Acq: 04 Dec 2020 01:32

Instrument :

BNA_N

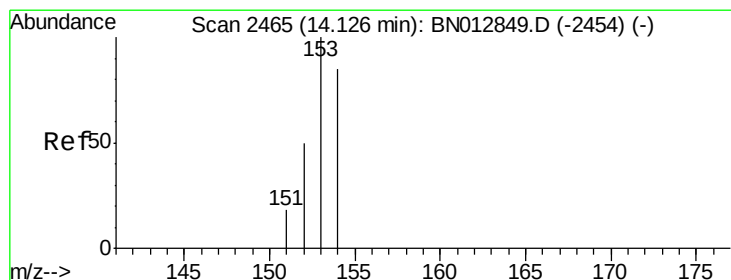
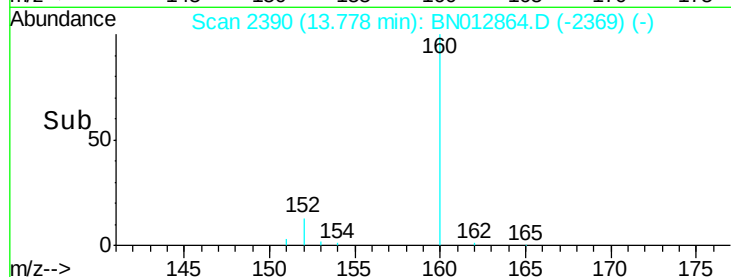
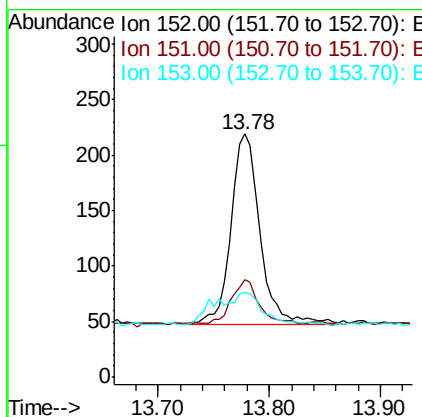
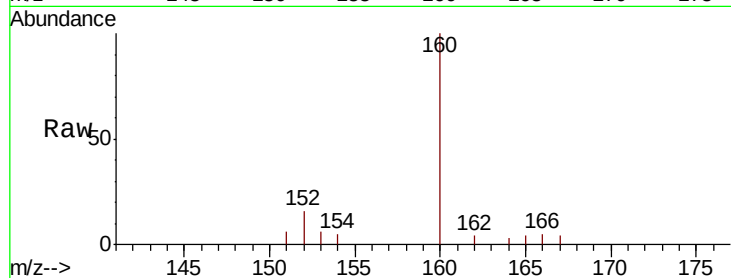
ClientSampled :

C0B23

Tot Ion:	152	Resp:	309
Ion Ratio	Lower	Upper	
152	100		
151	40.2	18.2	27.4#
153	34.7	13.1	19.7#

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#8

Acenaphthene

Concen: 0.045 ng/ul

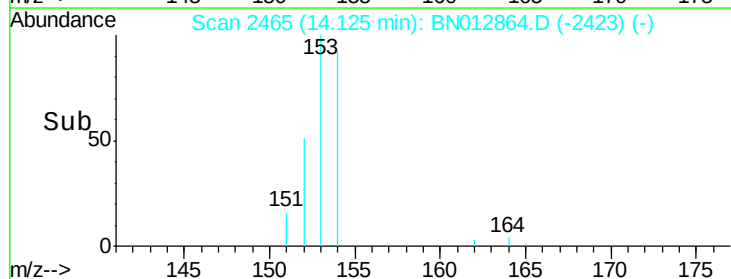
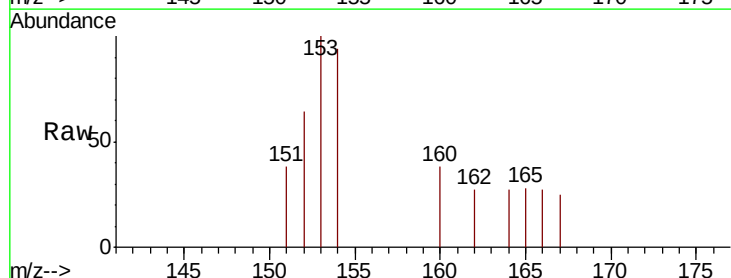
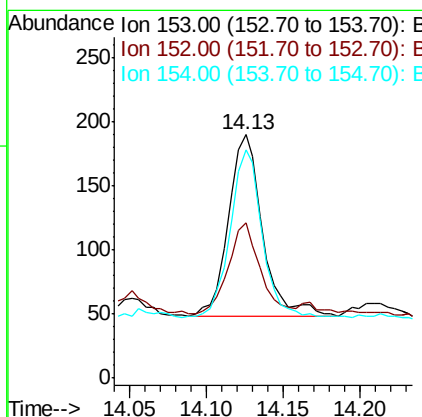
RT: 14.13 min Scan# 2465

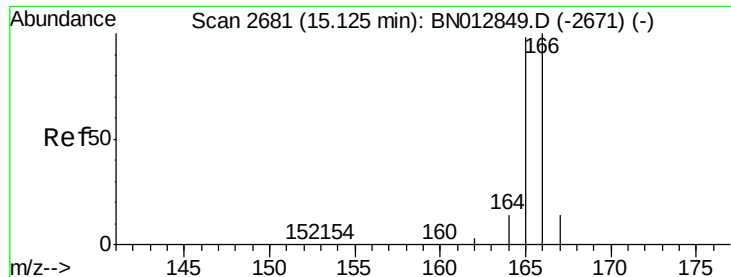
Delta R.T. -0.00 min

Lab File: BN012864.D

Acq: 04 Dec 2020 01:32

Tgt Ion:	153	Resp:	219
Ion Ratio	Lower	Upper	
153	100		
152	63.7	40.7	61.1#
154	93.7	70.8	106.2





#9

Fluorene

Concen: 0.038 ng/ul

RT: 15.12 min Scan# 2680

Delta R.T. -0.01 min

Lab File: BN012864.D

Acq: 04 Dec 2020 01:32

Instrument :

BNA_N

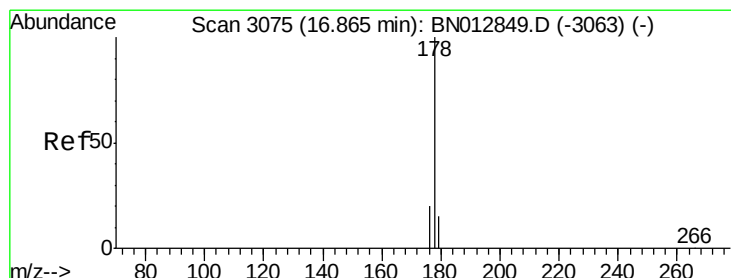
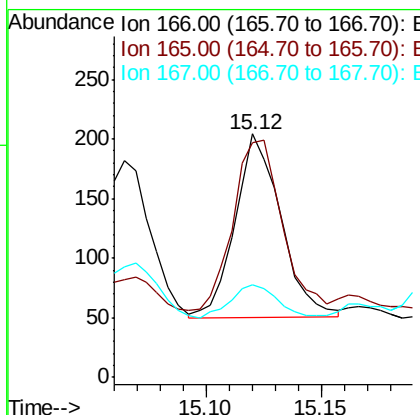
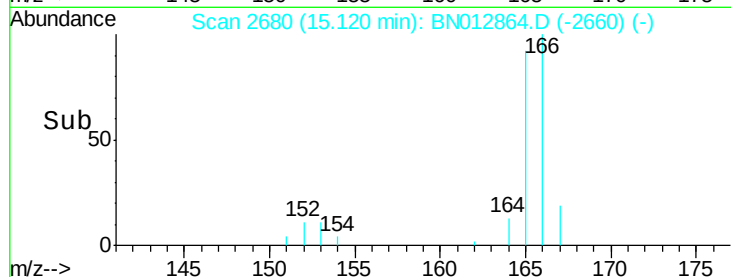
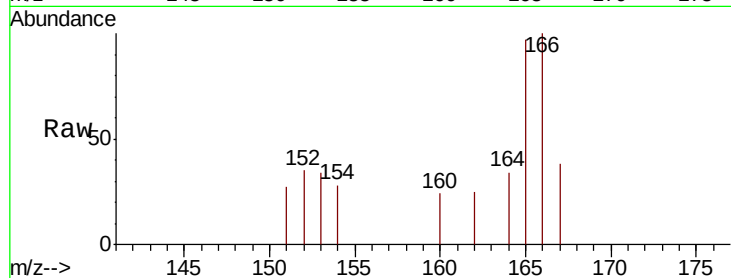
ClientSampleId :

C0B23

Tot Ion:	166	Resp:	213
Ion Ratio	Lower	Upper	
166	100		
165	96.6	79.8	119.8
167	38.2	13.8	20.8#

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#12

Phenanthrene

Concen: 0.555 ng/ul

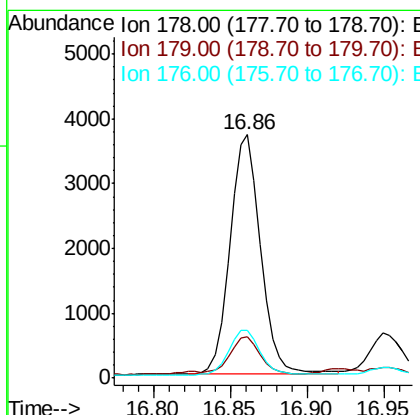
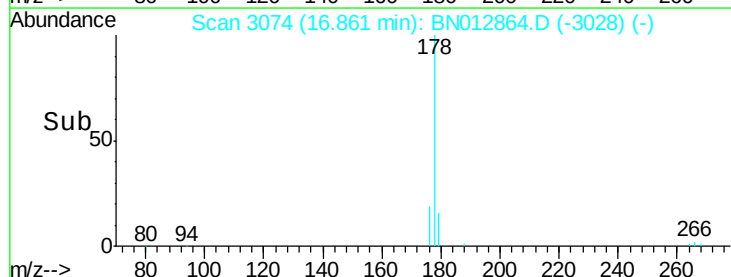
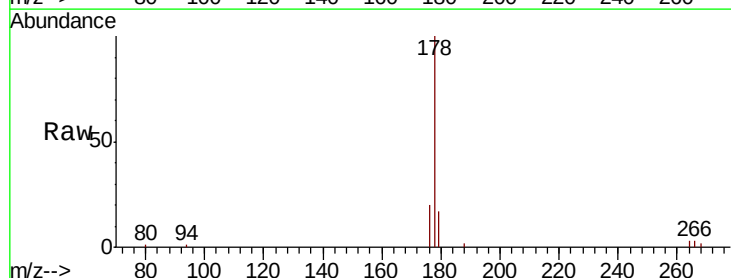
RT: 16.86 min Scan# 3074

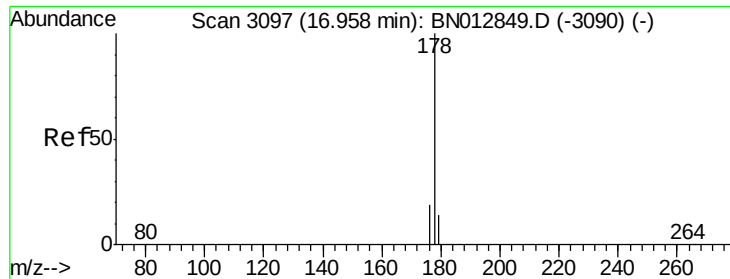
Delta R.T. -0.00 min

Lab File: BN012864.D

Acq: 04 Dec 2020 01:32

Tgt Ion:	178	Resp:	5161
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.6	20.4
176	19.7	16.4	24.6





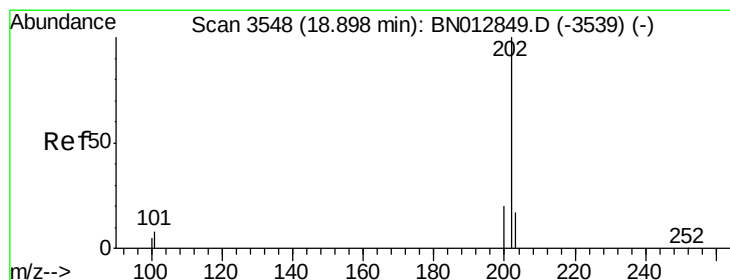
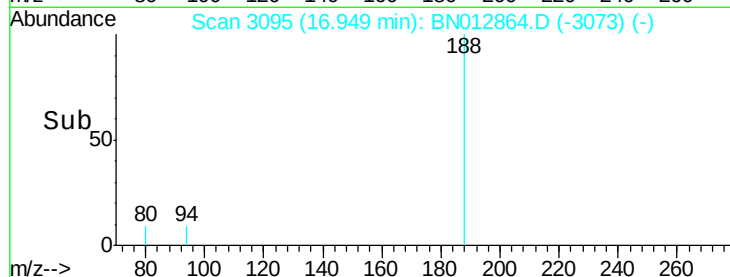
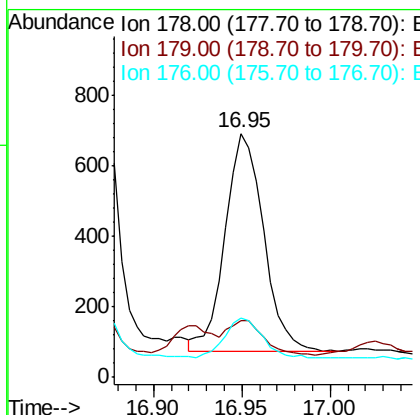
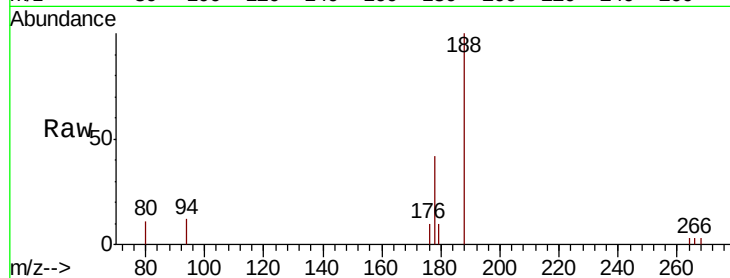
#13
 Anthracene
 Concen: 0.117 ng/ul
 RT: 16.95 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN012864.D
 Acq: 04 Dec 2020 01:32

Instrument :
 BNA_N
 ClientSampleId :
 C0B23

Tot Ion	Ratio	Lower	Upper
178	100		
179	23.3	14.6	21.8#
176	24.5	17.1	25.7

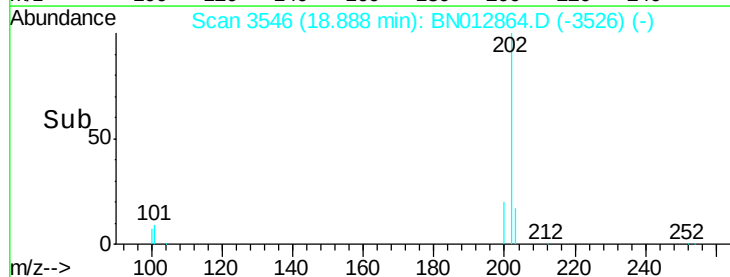
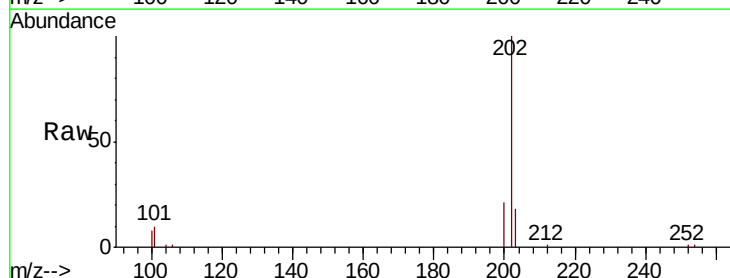
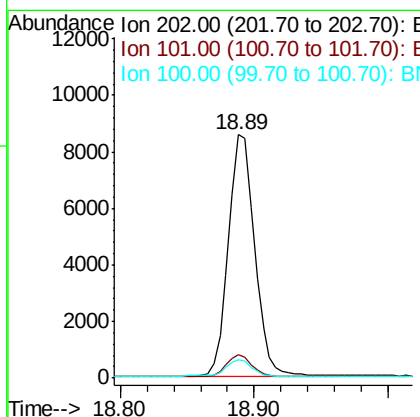
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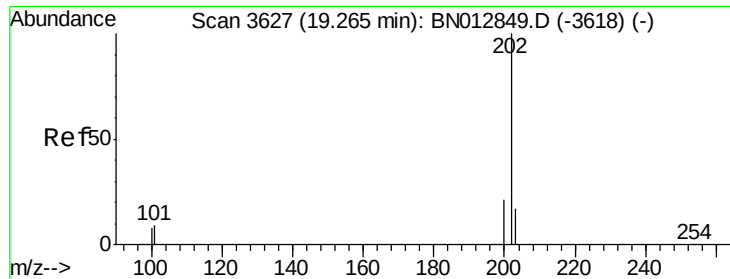
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#15
 Fluoranthene
 Concen: 1.060 ng/ul
 RT: 18.89 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: BN012864.D
 Acq: 04 Dec 2020 01:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.6
100	7.5	0.0	28.7





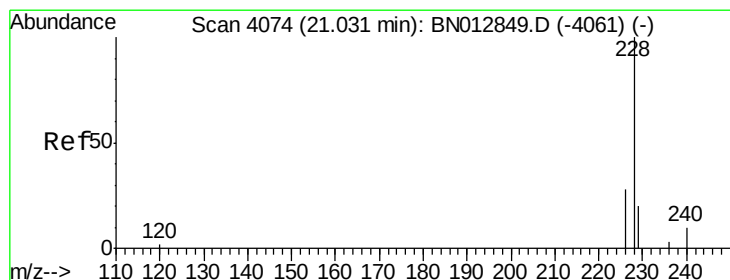
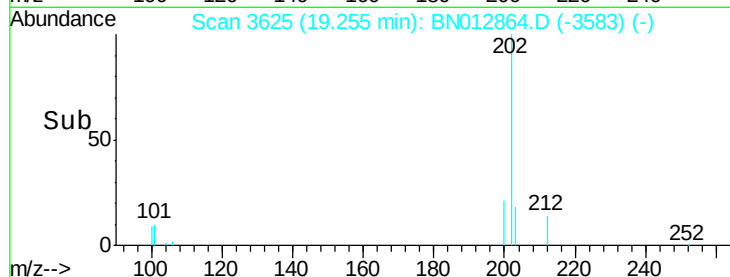
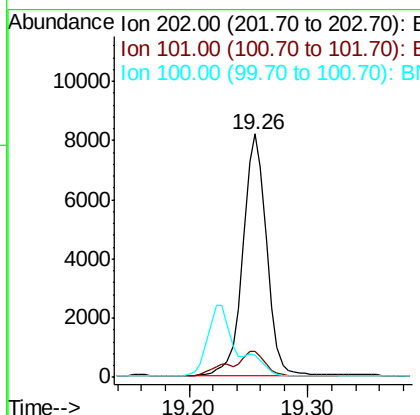
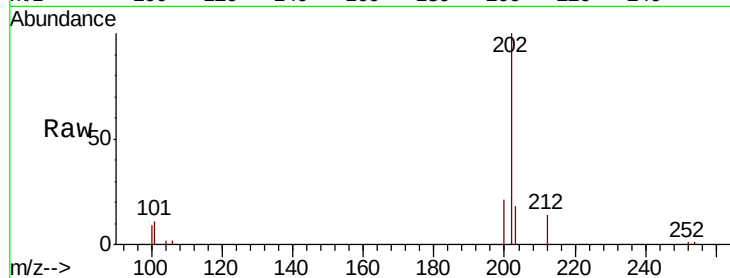
#17
Pvrene
Concen: 0.954 ng/ul
RT: 19.26 min Scan# 3625
Delta R.T. -0.00 min
Lab File: BN012864.D
Acq: 04 Dec 2020 01:32

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	11168		
101	10.5		9.1	13.7
100	9.1		7.5	11.3

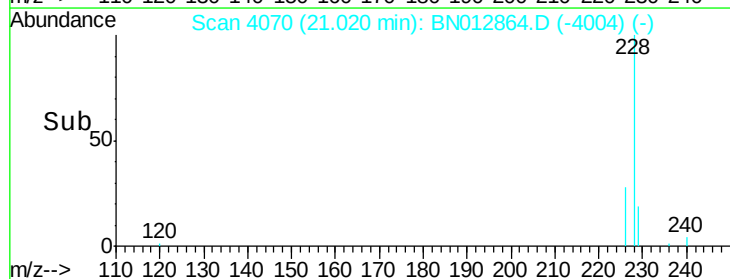
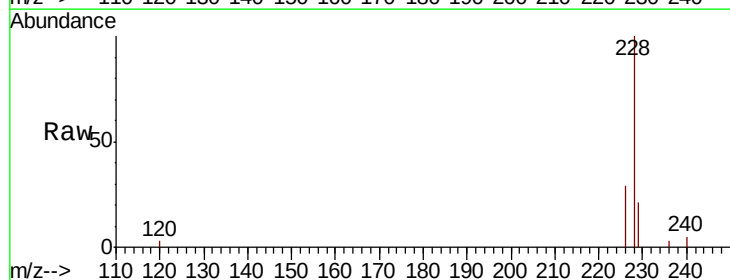
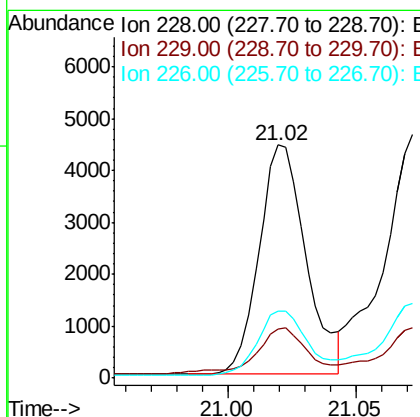
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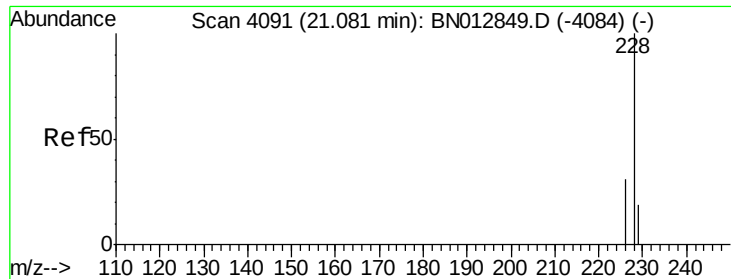
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#18
Benzo(a)anthracene
Concen: 0.550 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.01 min
Lab File: BN012864.D
Acq: 04 Dec 2020 01:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	5641		
229	21.1		16.3	24.5
226	29.0		23.4	35.2





#19

Chrysene

Concen: 0.601 ng/ul

RT: 21.07 min Scan# 4088

Delta R.T. -0.01 min

Lab File: BN012864.D

Acq: 04 Dec 2020 01:32

Instrument :

BNA_N

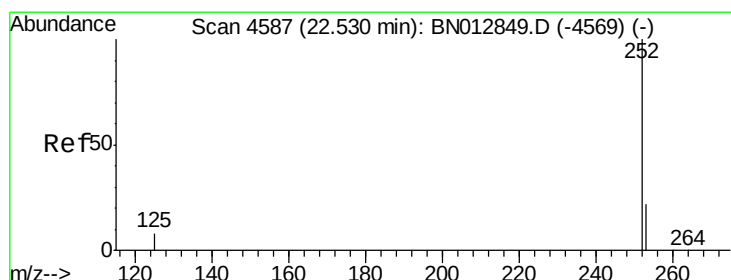
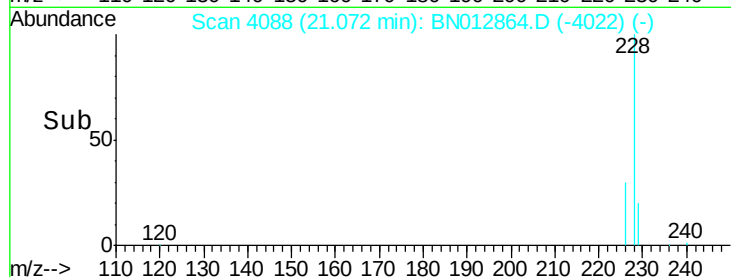
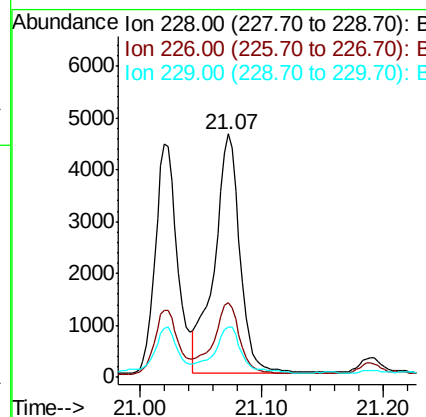
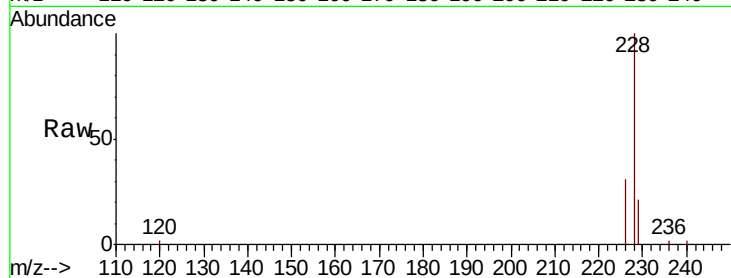
ClientSampleId :

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Tot Ion:228	Resp:	6803
Ion Ratio	Lower	Upper
228 100		
226 30.8	25.0	37.6
229 20.8	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 0.732 ng/ul m

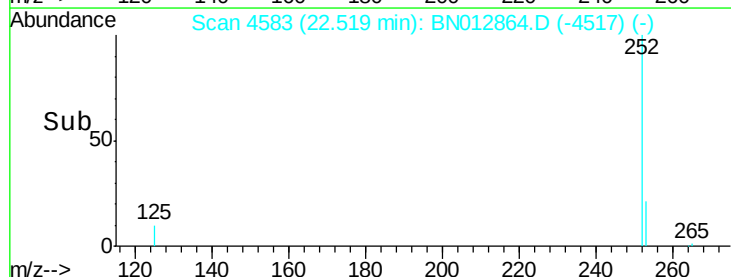
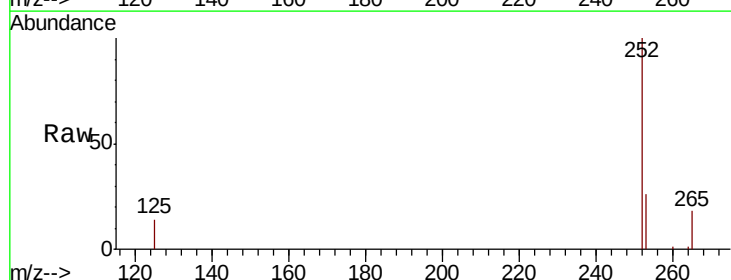
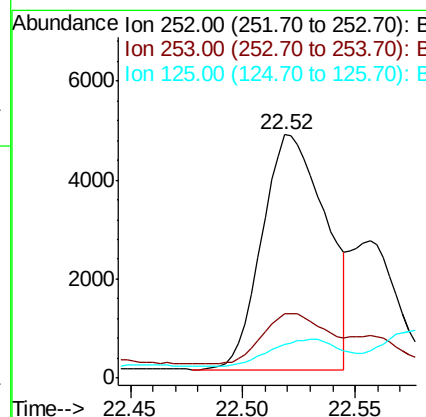
RT: 22.52 min Scan# 4583

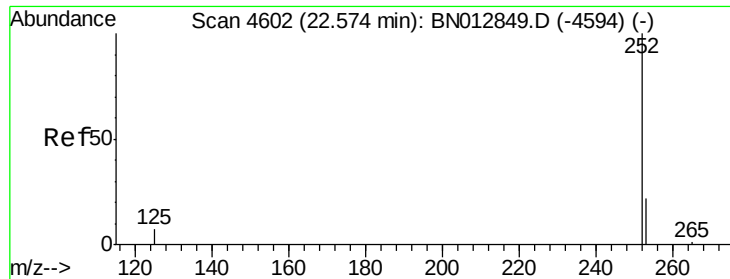
Delta R.T. -0.01 min

Lab File: BN012864.D

Acq: 04 Dec 2020 01:32

Tgt Ion:252	Resp:	9389
Ion Ratio	Lower	Upper
252 100		
253 26.3	0.0	59.6
125 14.1	0.0	26.0





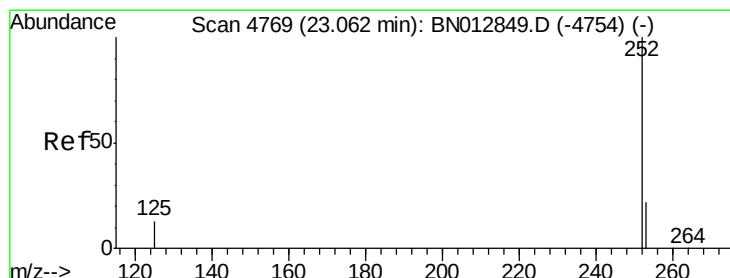
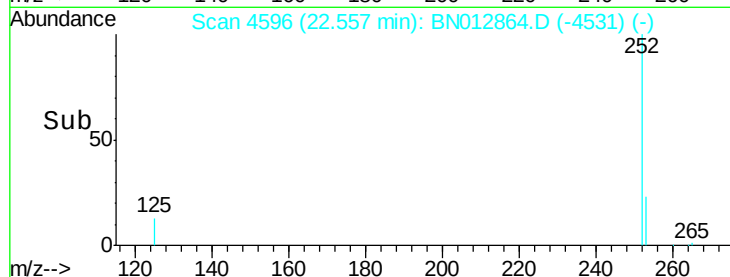
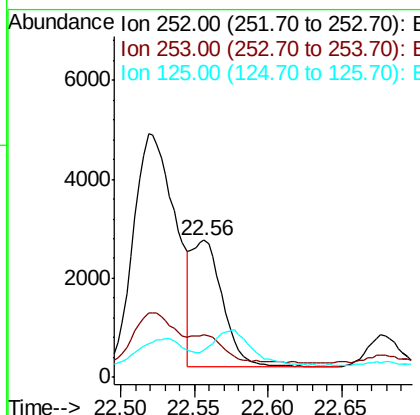
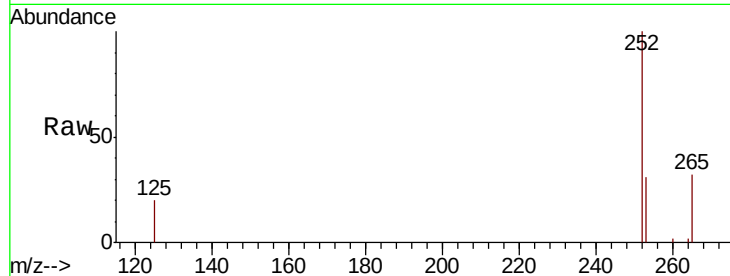
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Benzo(k)fluoranthene
Concen: 0.267 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.01 min
Lab File: BN012864.D
Acq: 04 Dec 2020 01:32

Instrument :
BNA_N
ClientSampleId :
C0B23

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.1	23.4	35.2
125	20.0	11.1	16.7

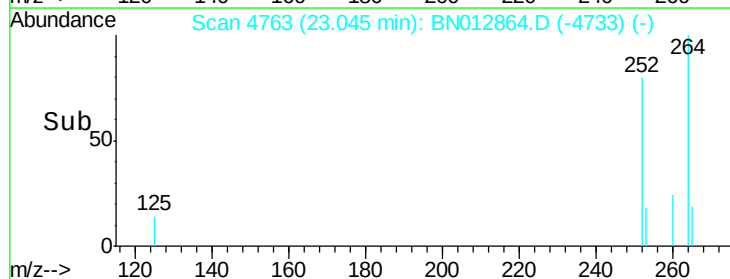
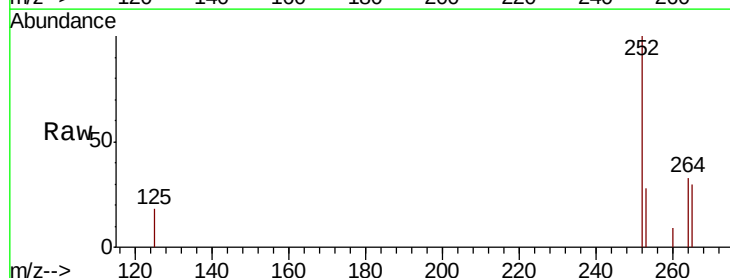
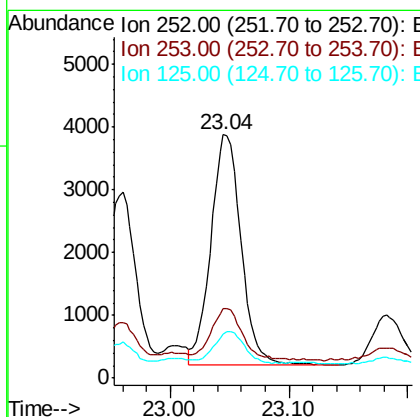
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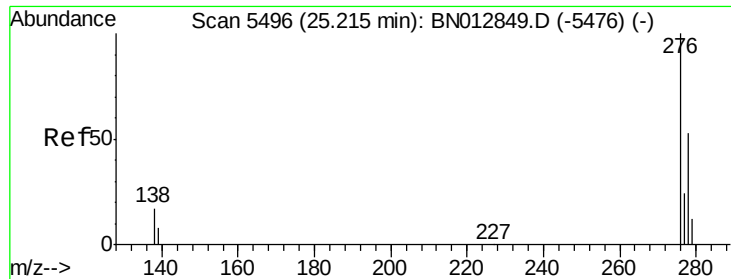
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#23
Benzo(a)pyrene
Concen: 0.544 ng/ul
RT: 23.04 min Scan# 4763
Delta R.T. -0.01 min
Lab File: BN012864.D
Acq: 04 Dec 2020 01:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	26.5	39.7
125	18.3	14.2	21.2





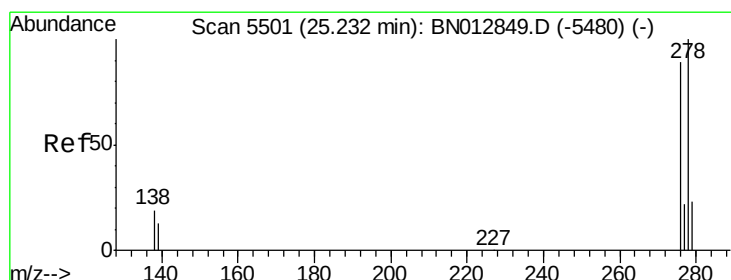
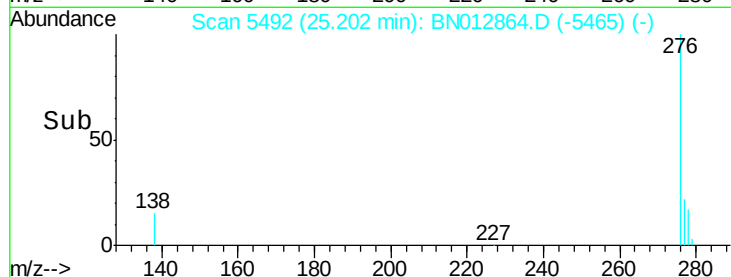
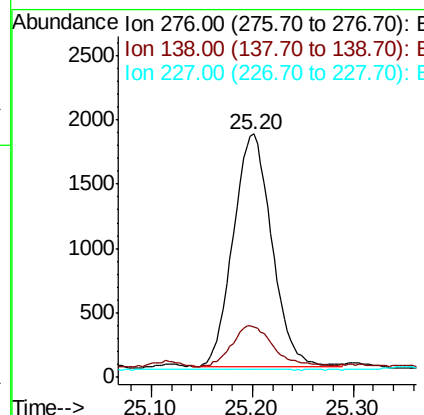
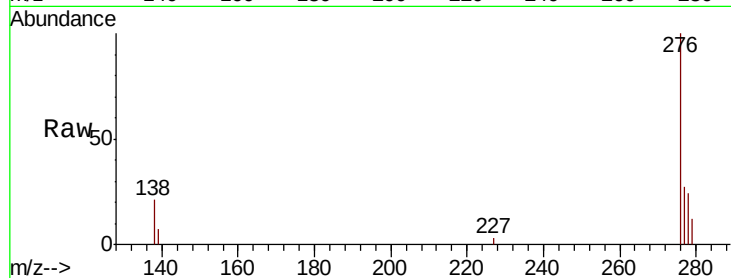
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.308 ng/ul
 RT: 25.20 min Scan# 5492
 Delta R.T. -0.01 min
 Lab File: BN012864.D
 Acq: 04 Dec 2020 01:32

Instrument :
 BNA_N
 ClientSampleId :
 C0B23

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.2	24.2
227	0.1	0.0	0.0

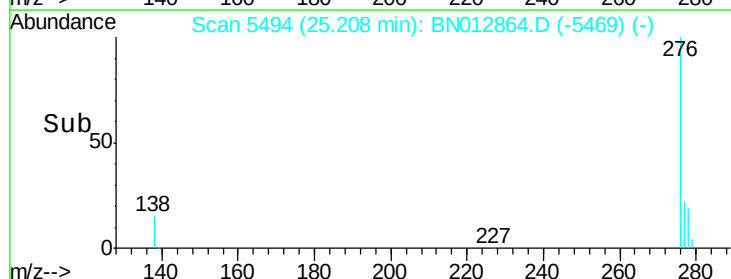
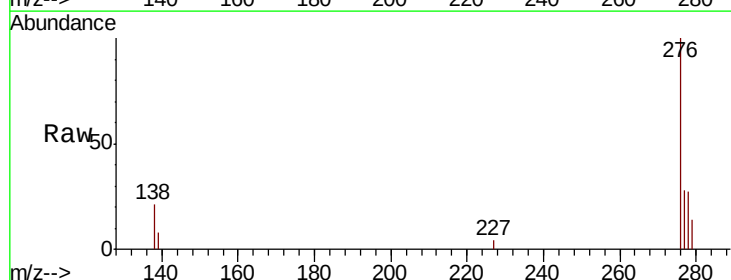
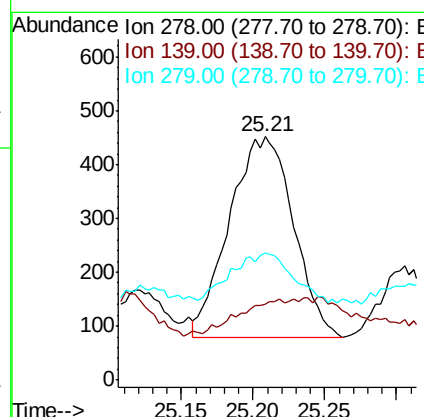
Manual Integrations
 APPROVED

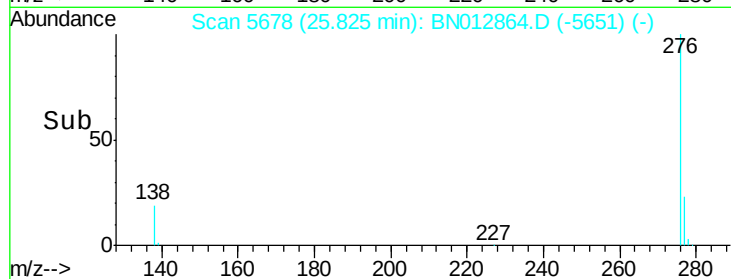
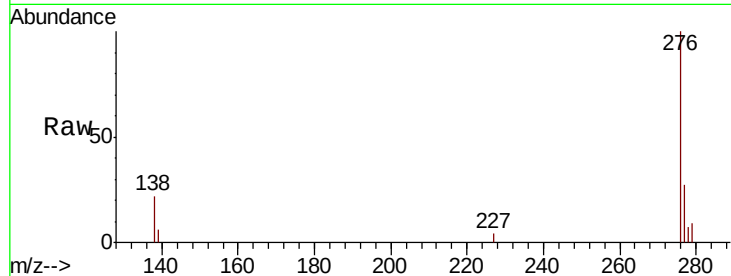
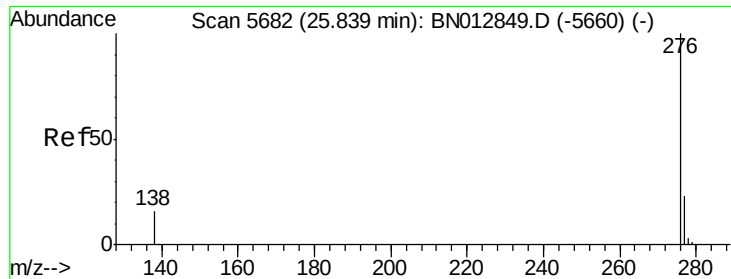
mohammad
 12/7/2020 8:51:51 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.093 ng/ul
 RT: 25.21 min Scan# 5494
 Delta R.T. -0.02 min
 Lab File: BN012864.D
 Acq: 04 Dec 2020 01:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.0	14.5	21.7
279	52.0	26.3	39.5





#26

Benzo(a,h,i)perylene

Concen: 0.311 ng/ul

RT: 25.83 min Scan# 5678

Delta R.T. -0.01 min

Lab File: BN012864.D

Acq: 04 Dec 2020 01:32

Instrument :

BNA_N

ClientSampleId :

C0B23

Tot Ion:	276	Resp:	4396
Ion Ratio	Lower	Upper	
276	100		
138	22.5	16.3	24.5
277	26.9	21.8	32.6

Manual Integrations
APPROVED

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

