

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
 Data File : BN012818.D
 Acq On : 02 Dec 2020 14:08
 Operator : CG/JU
 Sample : L4793-20
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B49

Manual Integrations
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Quant Time: Dec 02 14:43:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 12:19:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	816	0.40	ng/ul	0.00
2) Naphthalene-d8	10.18	136	3290	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.07	164	1926	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.83	188	4061	0.40	ng/ul	0.00
16) Chrysene-d12	21.05	240	3522	0.40	ng/ul	0.00
20) Perylene-d12	23.16	264	3555	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.79	152	1193	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.87	212	2767	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.23	128	649	0.066	ng/ul#	83
5) 2-Methylnaphthalene	11.86	142	215	0.034	ng/ul	97
7) Acenaphthylene	13.79	152	6616	0.704	ng/ul	97
8) Acenaphthene	14.14	153	1088	0.137	ng/ul	98
9) Fluorene	15.13	166	2226	0.256	ng/ul	96
12) Phenanthrene	16.87	178	82464	5.836	ng/ul	96
13) Anthracene	16.96	178	18447	1.502	ng/ul	95
15) Fluoranthene	18.90	202	226654	13.893	ng/ul	98
17) Pyrene	19.27	202	200370	12.719	ng/ul	100
18) Benzo(a)anthracene	21.03	228	109190	8.651	ng/ul	98
19) Chrysene	21.08	228	100374	6.367	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	125776m	7.691	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	41439m	2.197	ng/ul	
23) Benzo(a)pyrene	23.07	252	83992	5.457	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.22	276	54223	2.694	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.23	278	14108	0.872	ng/ul	95
26) Benzo(a,h,i)perylene	25.85	276	45036	2.486	ng/ul	96

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

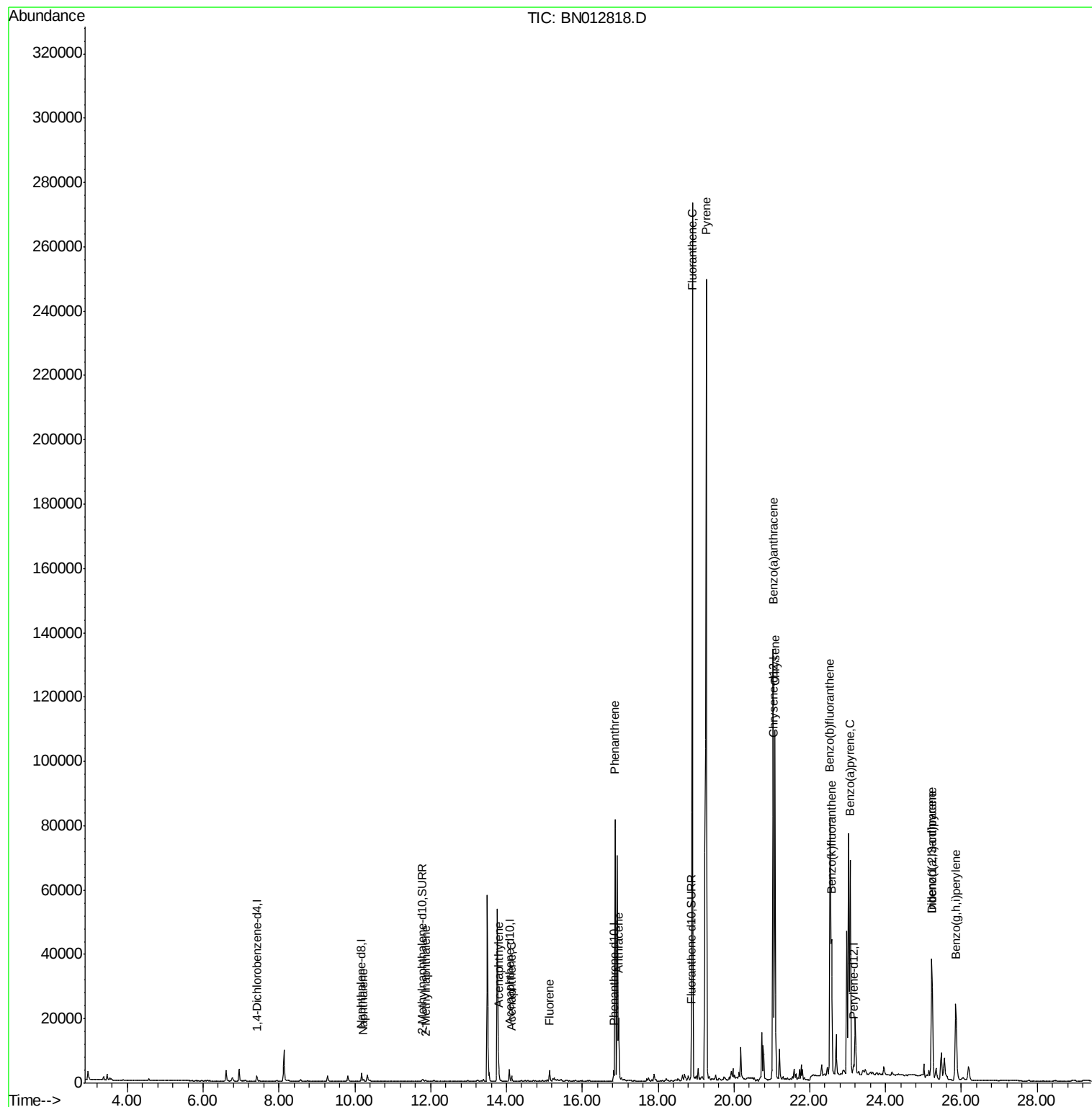
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\
Data File : BN012818.D
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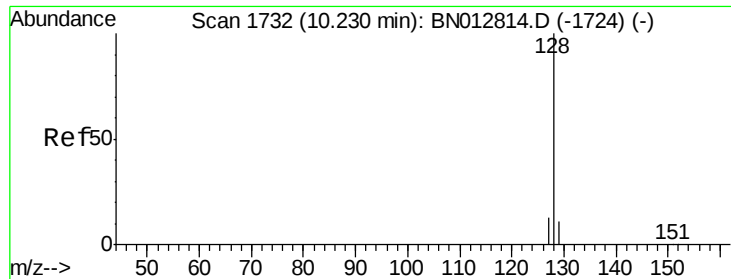
Instrument :
BNA_N
ClientSampleId :
C0B49

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Quant Time: Dec 02 14:43:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 12:19:27 2020
Response via : Initial Calibration





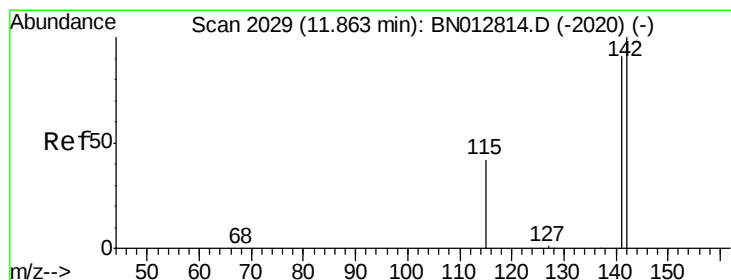
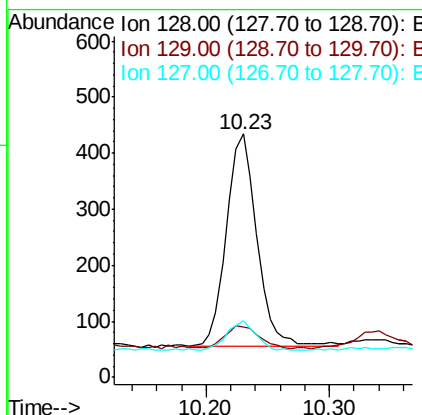
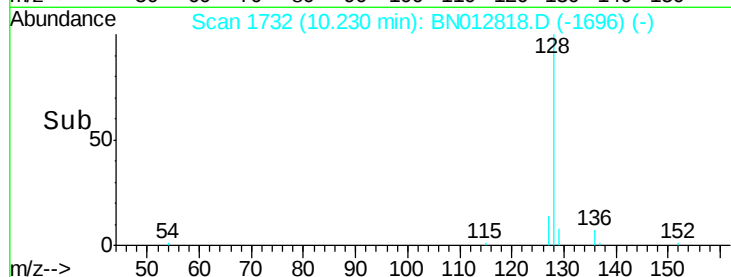
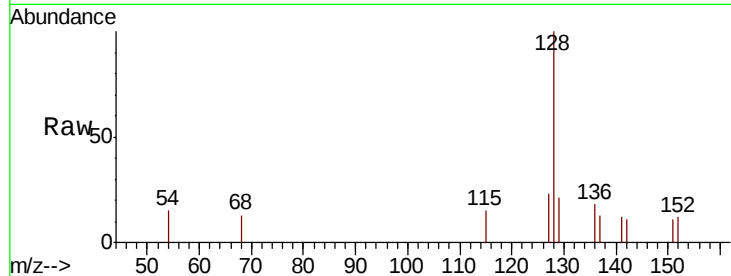
#3
Naphthalene
Concen: 0.066 ng/ul
RT: 10.23 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BN012818.D
Acq: 02 Dec 2020 14:08

Instrument :
BNA_N
ClientSampleId :
C0B49

Tot Ion:	128	Resp:	649
Ion	Ratio	Lower	Upper
128	100		
129	20.5	11.2	16.8#
127	23.3	12.5	18.7#

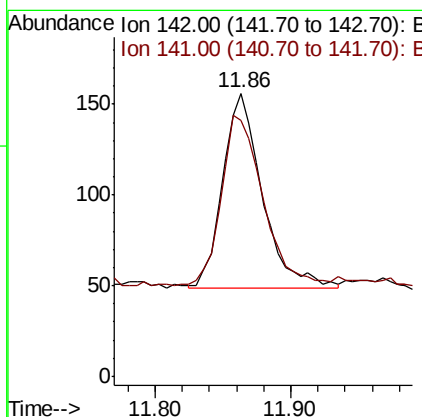
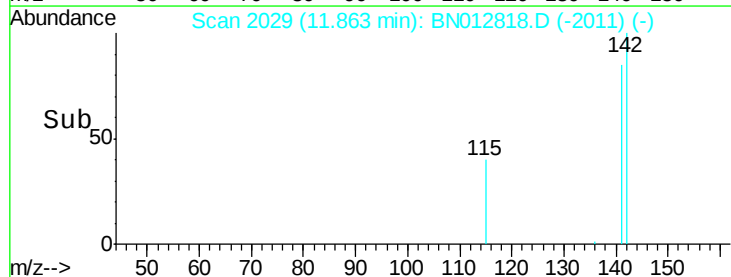
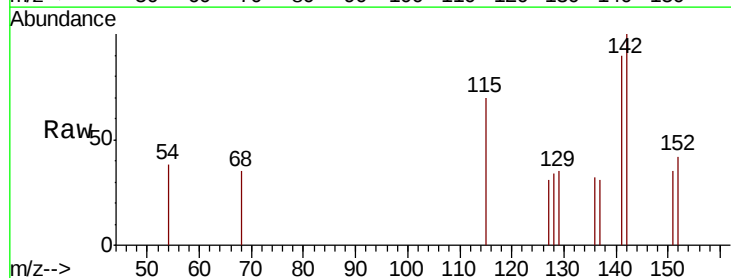
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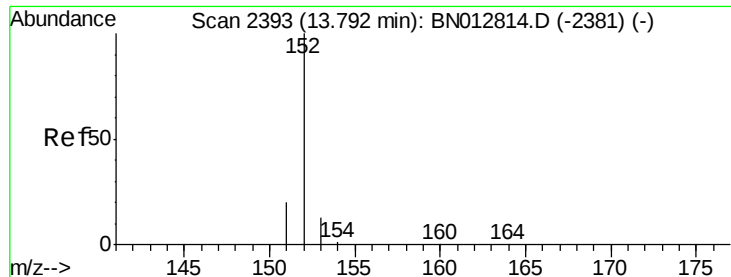
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#5
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 11.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BN012818.D
Acq: 02 Dec 2020 14:08

Tgt Ion:	142	Resp:	215
Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.3	108.5





#7

Acenaphthylene

Concen: 0.704 ng/ul

RT: 13.79 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BN012818.D

Acq: 02 Dec 2020 14:08

Instrument :

BNA_N

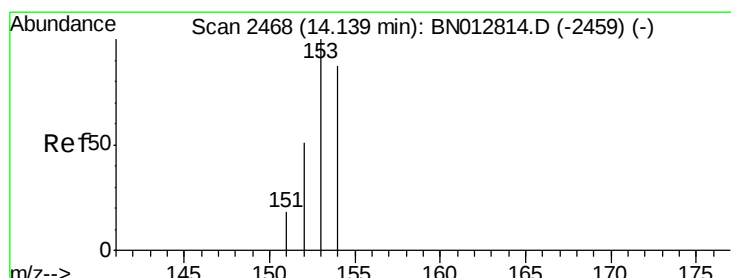
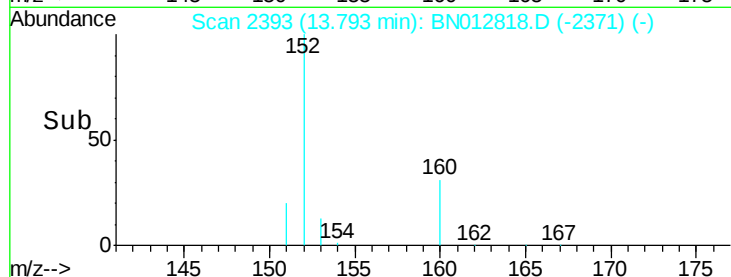
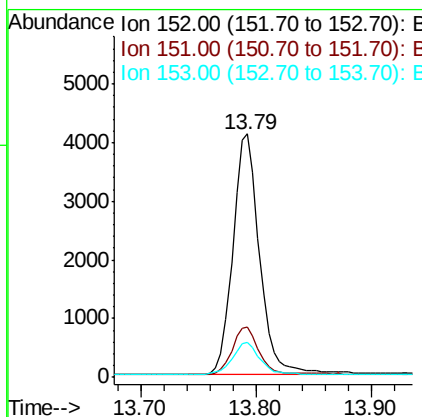
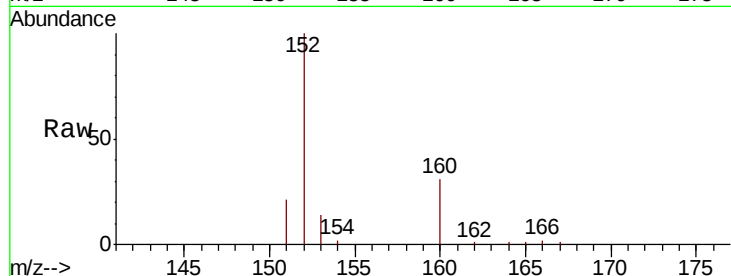
ClientSampleId :

C0B49

Tot Ion:	152	Resp:	6616
Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.1	25.7
153	14.2	12.6	19.0

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#8

Acenaphthene

Concen: 0.137 ng/ul

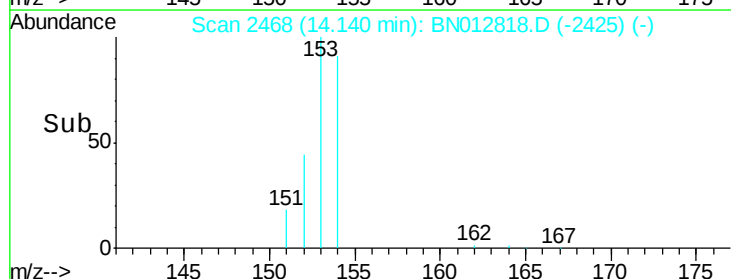
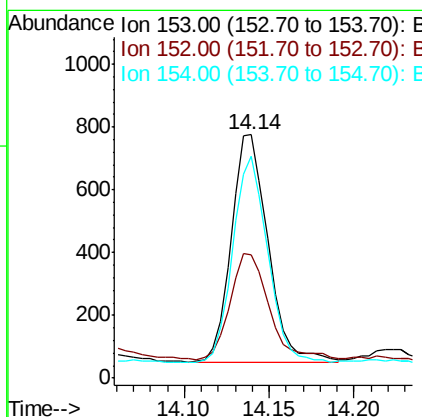
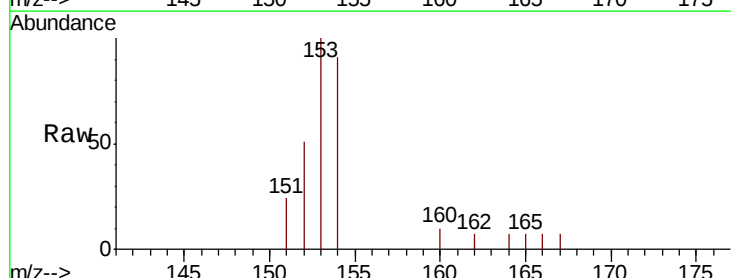
RT: 14.14 min Scan# 2468

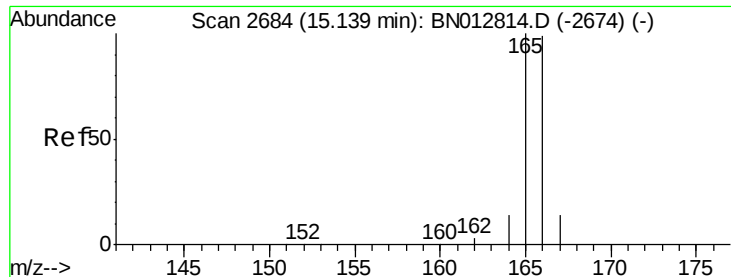
Delta R.T. 0.00 min

Lab File: BN012818.D

Acq: 02 Dec 2020 14:08

Tgt Ion:	153	Resp:	1088
Ion	Ratio	Lower	Upper
153	100		
152	50.5	41.4	62.0
154	90.9	70.9	106.3





#9

Fluorene

Concen: 0.256 ng/ul

RT: 15.13 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BN012818.D

Acq: 02 Dec 2020 14:08

Instrument :

BNA_N

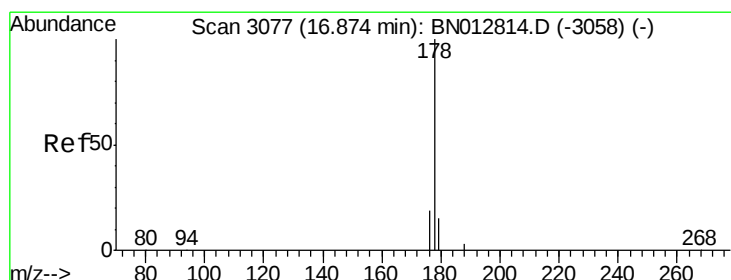
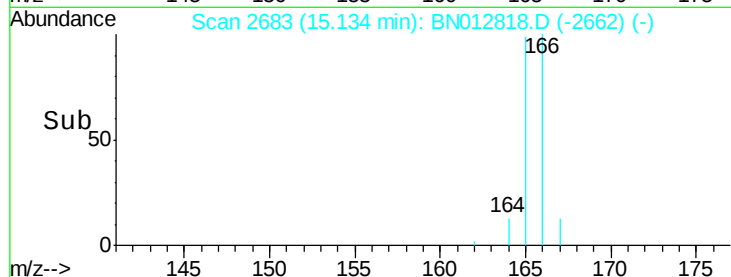
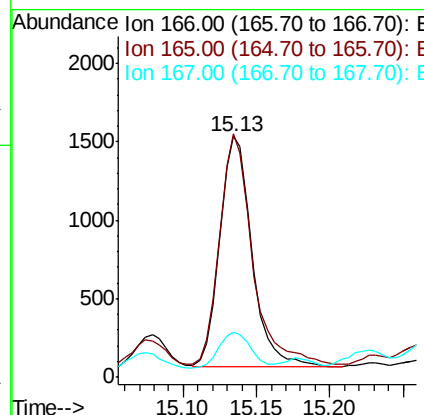
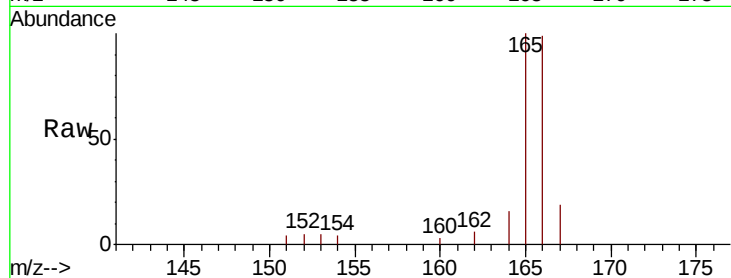
ClientSampleId :

C0B49

Tot Ion:	166	Resp:	2226
Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.5	117.7
167	18.9	12.7	19.1

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#12

Phenanthrene

Concen: 5.836 ng/ul

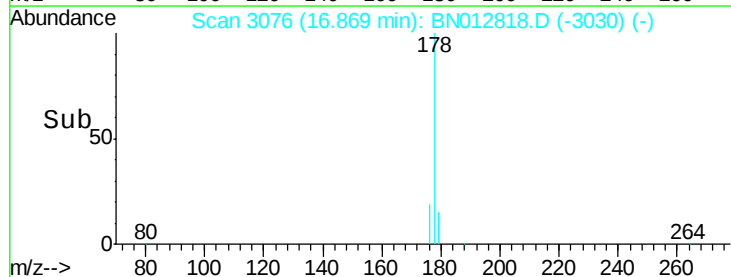
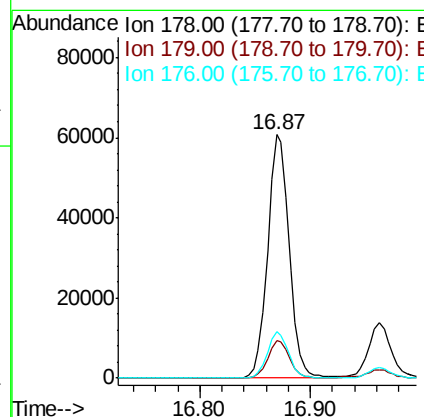
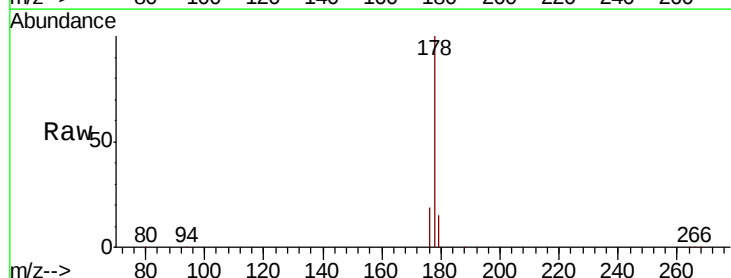
RT: 16.87 min Scan# 3076

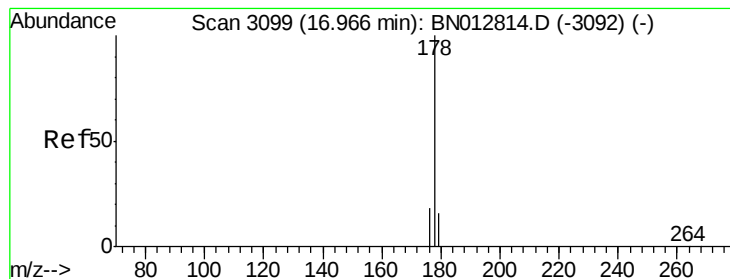
Delta R.T. -0.00 min

Lab File: BN012818.D

Acq: 02 Dec 2020 14:08

Tgt Ion:	178	Resp:	82464
Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.8	20.6
176	19.1	16.7	25.1





#13

Anthracene

Concen: 1.502 ng/ul

RT: 16.96 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN012818.D

Acq: 02 Dec 2020 14:08

Instrument :

BNA_N

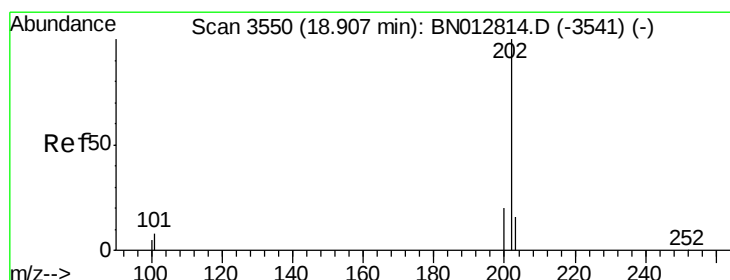
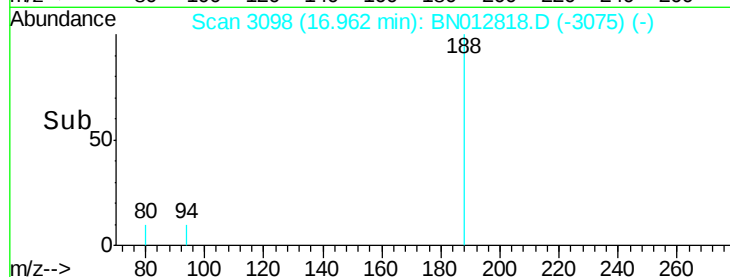
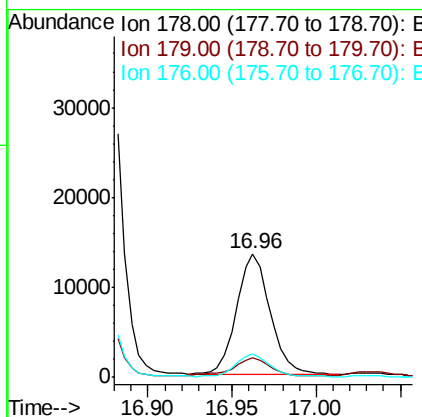
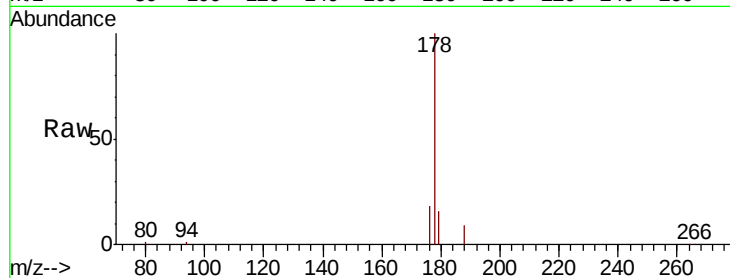
ClientSampled :

C0B49

Tot Ion:	178	Resp:	18447
Ion Ratio	Lower	Upper	
178	100		
179	15.7	14.8	22.2
176	18.5	16.3	24.5

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#15

Fluoranthene

Concen: 13.893 ng/ul

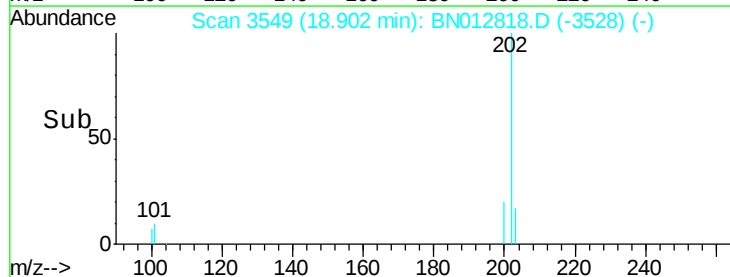
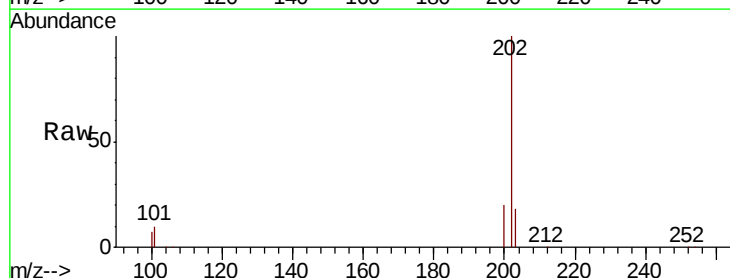
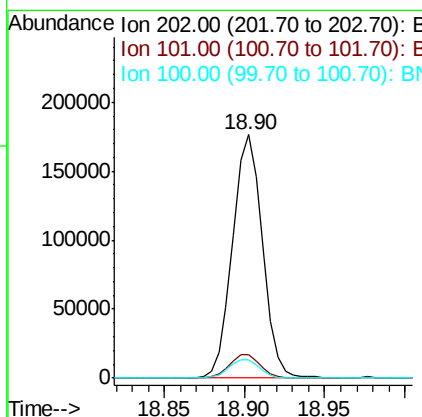
RT: 18.90 min Scan# 3549

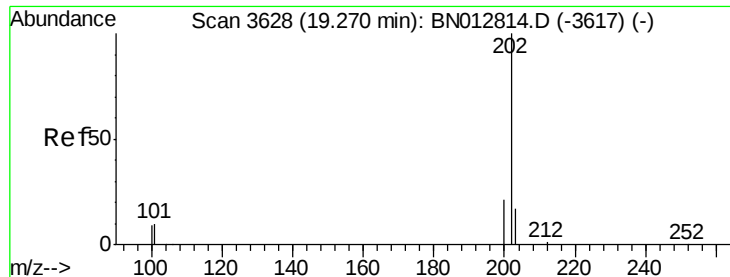
Delta R.T. -0.00 min

Lab File: BN012818.D

Acq: 02 Dec 2020 14:08

Tgt Ion:	202	Resp:	226654
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.5
100	7.5	0.0	28.4





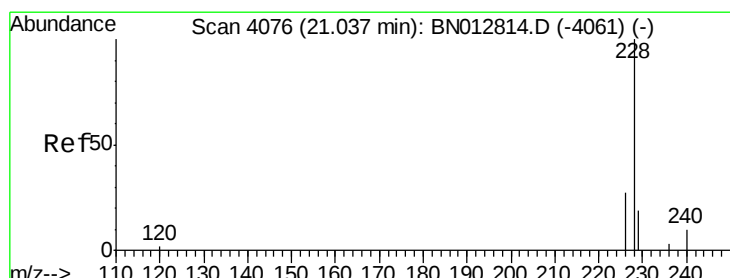
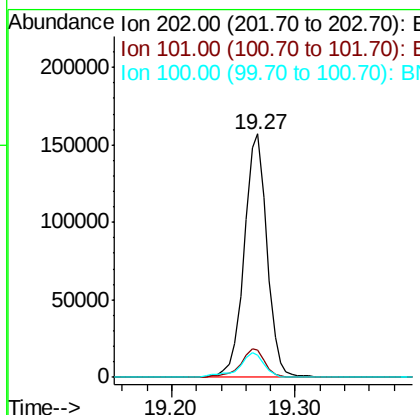
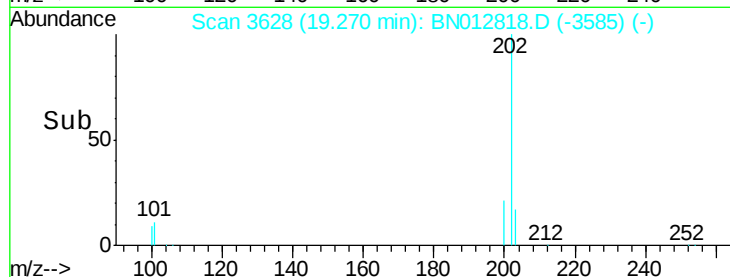
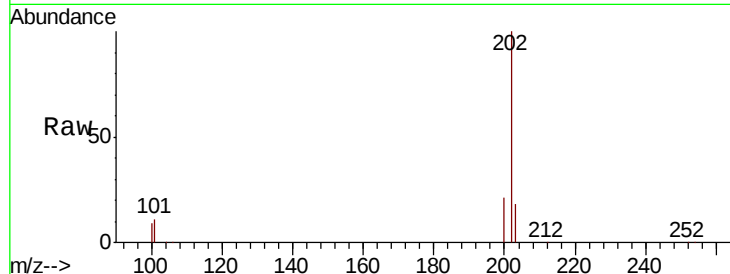
#17
Pvrene
Concen: 12.719 ng/ul
RT: 19.27 min Scan# 3628
Delta R.T. 0.00 min
Lab File: BN012818.D
Acq: 02 Dec 2020 14:08

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.0	8.9	13.3
100	9.0	7.4	11.2

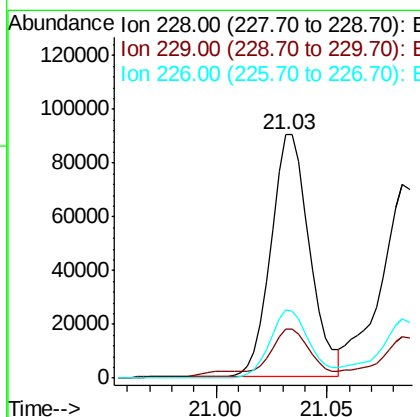
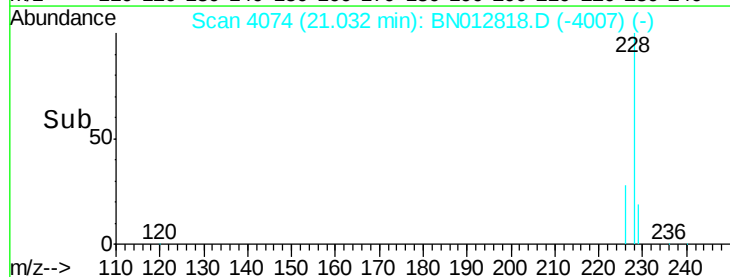
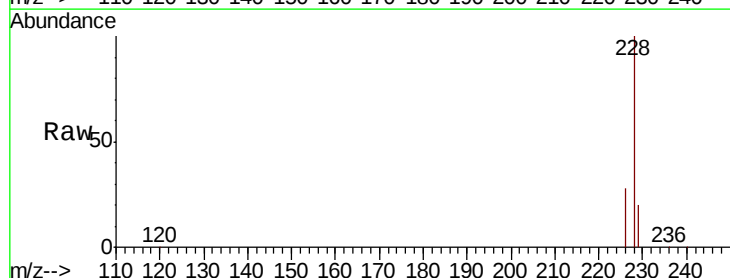
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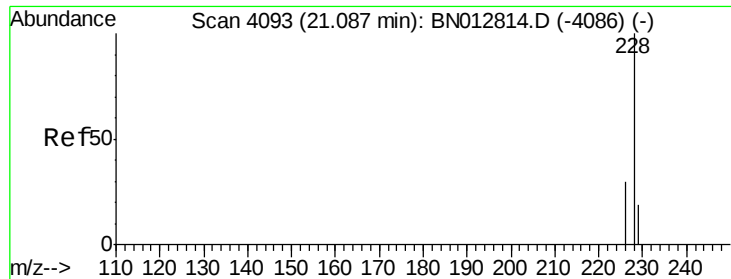
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#18
Benzo(a)anthracene
Concen: 8.651 ng/ul
RT: 21.03 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN012818.D
Acq: 02 Dec 2020 14:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.9	16.9	25.3
226	27.9	23.1	34.7





#19

Chrysene

Concen: 6.367 ng/ul

RT: 21.08 min Scan# 4092

Delta R.T. -0.00 min

Lab File: BN012818.D

Acq: 02 Dec 2020 14:08

Instrument :

BNA_N

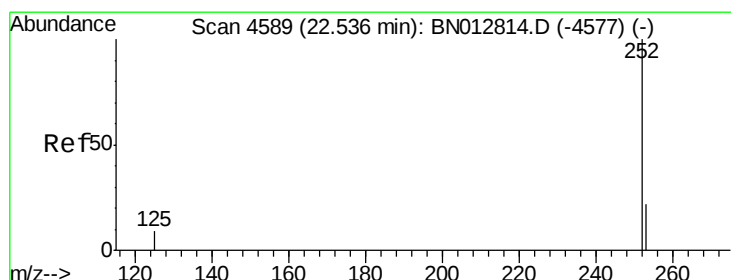
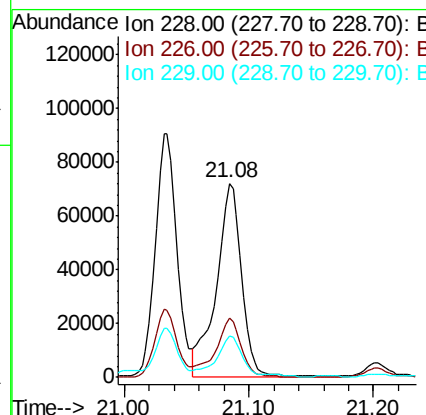
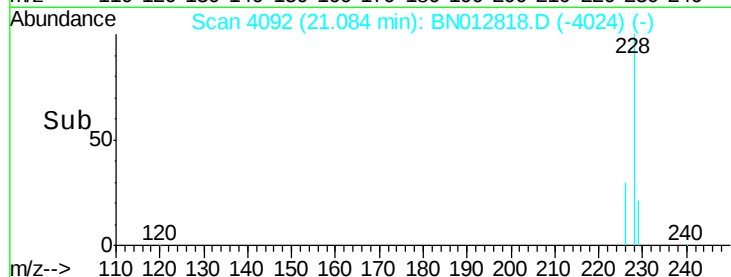
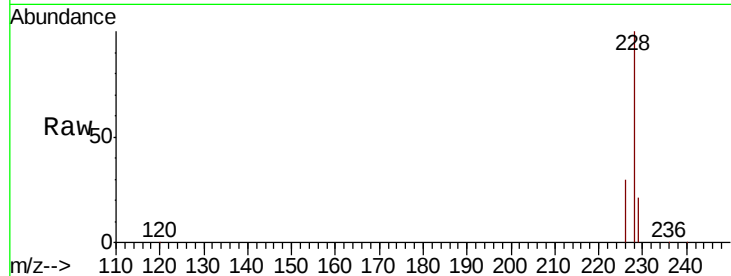
ClientSampleId :

C0B49

Tot Ion:	228	Resp:	100374
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	21.2	16.1	24.1

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#21

Benzo(b)fluoranthene

Concen: 7.691 ng/ul m

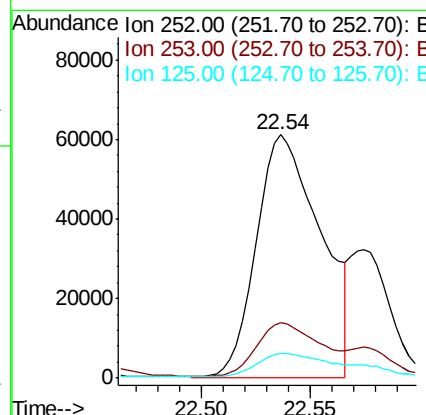
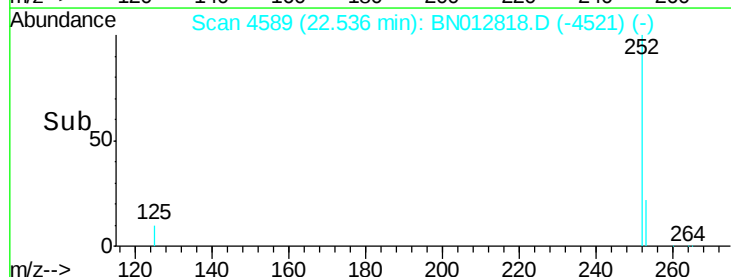
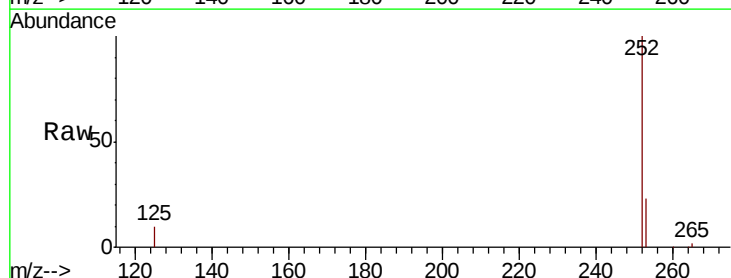
RT: 22.54 min Scan# 4589

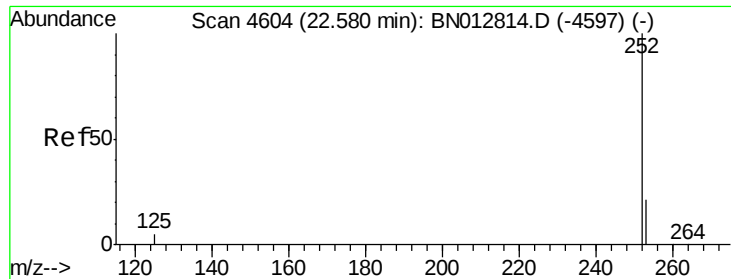
Delta R.T. 0.00 min

Lab File: BN012818.D

Acq: 02 Dec 2020 14:08

Tgt Ion:	252	Resp:	125776
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	58.4
125	10.1	0.0	28.6





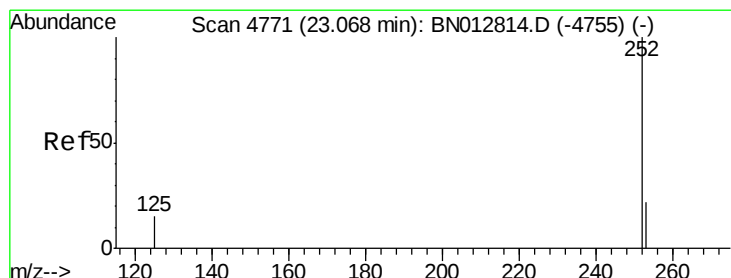
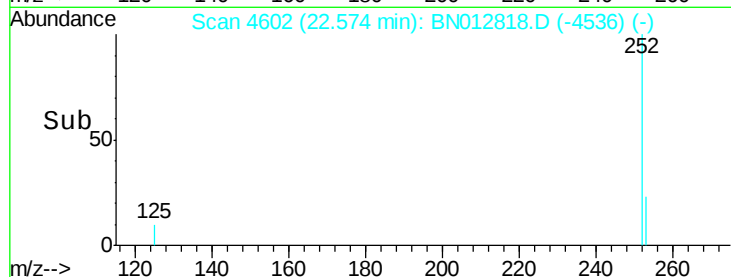
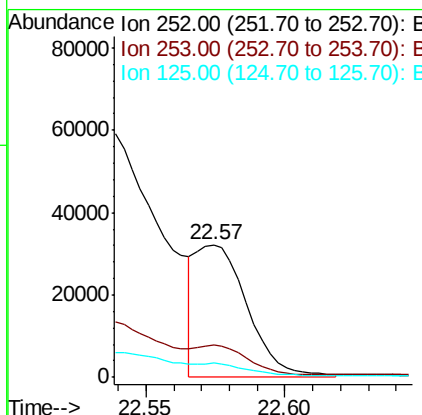
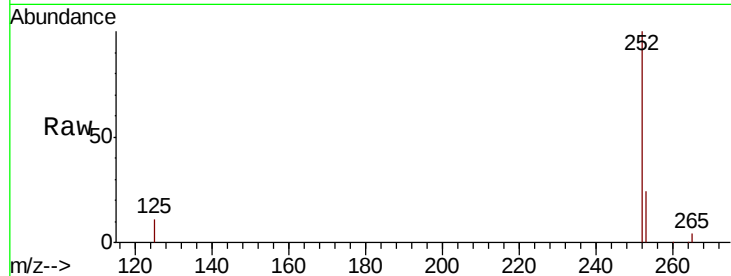
#22
Benzo(k)fluoranthene
Concen: 2.197 ng/ul
RT: 22.57 min Scan# 4602
Delta R.T. -0.01 min
Lab File: BN012818.D
Acq: 02 Dec 2020 14:08

Instrument :
BNA_N
ClientSampled :
C0B49

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	23.4	35.2
125	10.6	10.2	15.2

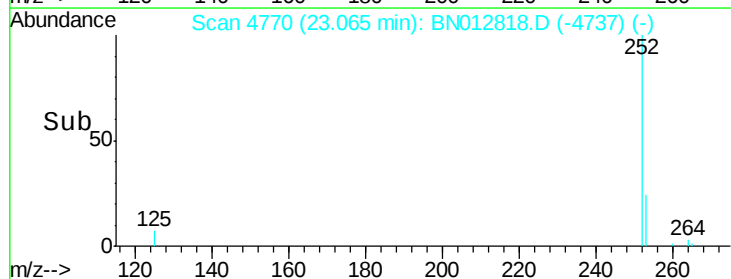
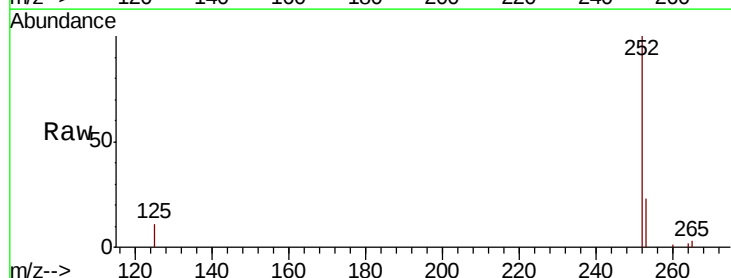
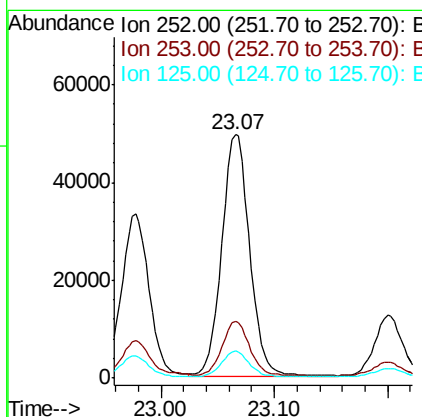
Manual Integrations
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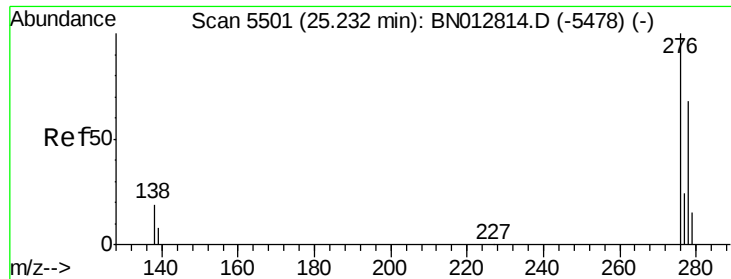
mohammad
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#23
Benzo(a)pyrene
Concen: 5.457 ng/ul
RT: 23.07 min Scan# 4770
Delta R.T. -0.00 min
Lab File: BN012818.D
Acq: 02 Dec 2020 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	27.6	41.4#
125	11.0	17.0	25.4#





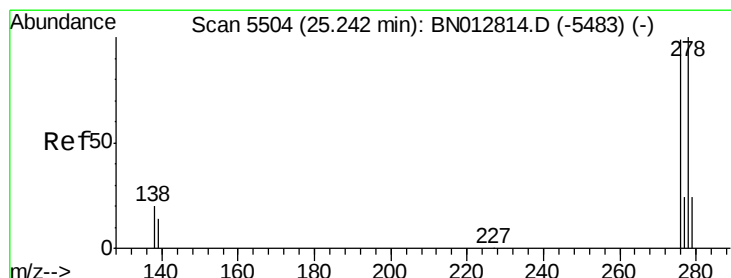
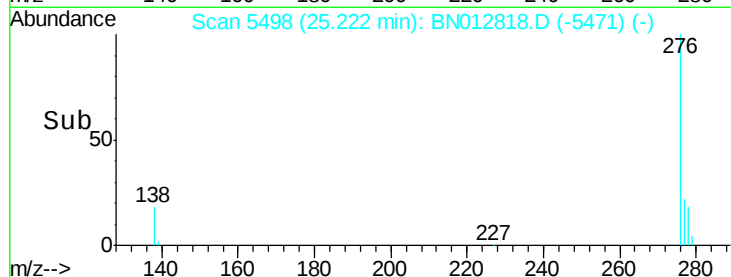
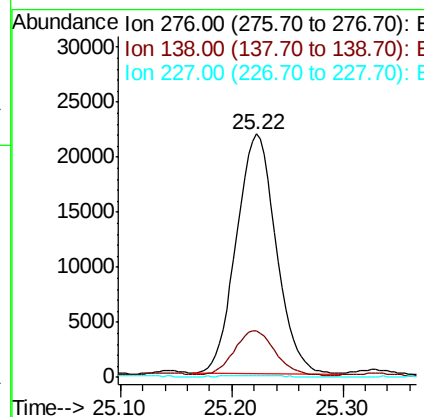
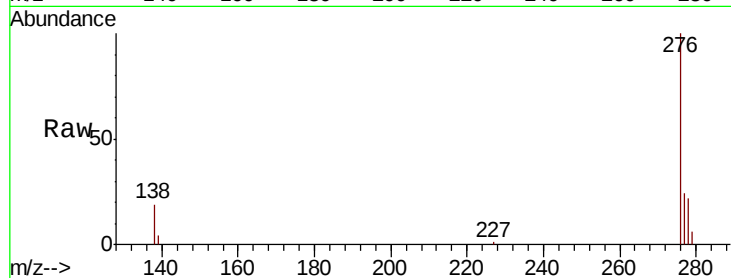
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.694 ng/ul
 RT: 25.22 min Scan# 5498
 Delta R.T. -0.01 min
 Lab File: BN012818.D
 Acq: 02 Dec 2020 14:08

Instrument :
 BNA_N
 ClientSampleId :
 C0B49

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.5	24.7
227	0.2	0.1	0.1#

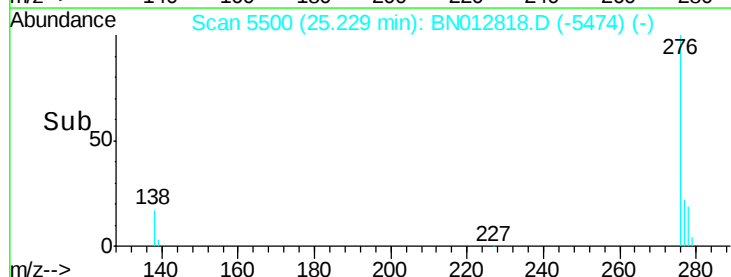
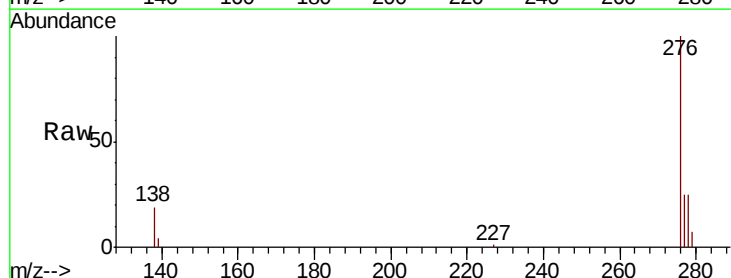
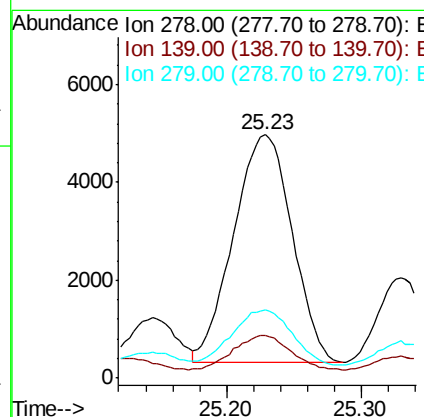
Manual Integrations
 APPROVED

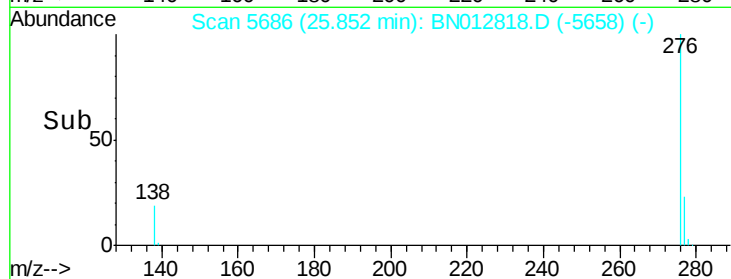
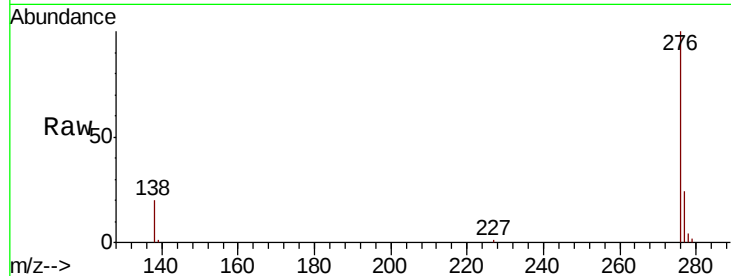
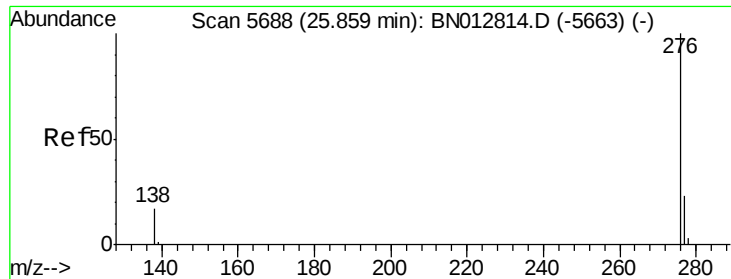
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.872 ng/ul
 RT: 25.23 min Scan# 5500
 Delta R.T. -0.01 min
 Lab File: BN012818.D
 Acq: 02 Dec 2020 14:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.8	20.8
279	27.9	25.6	38.4





#26

Benzo(a,h,i)perylene

Concen: 2.486 ng/ul

RT: 25.85 min Scan# 5686

Delta R.T. -0.01 min

Lab File: BN012818.D

Acq: 02 Dec 2020 14:08

Instrument :

BNA_N

ClientSampleId :

C0B49

Tot Ion:	276	Resp:	45036
Ion Ratio	Lower	Upper	
276	100		
138	20.0	16.3	24.5
277	23.9	21.8	32.8

Manual Integrations
APPROVED

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