

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
 Data File : BN013101.D
 Acq On : 12 Dec 2020 20:58
 Operator : CG/JU
 Sample : L5063-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD9

Manual Integrations
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Quant Time: Dec 14 11:35:37 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 : Mon Dec 14 11:29:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	752	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	3302	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	7833	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4308	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	7828	0.40	ng/ul	0.02
20) Perylene-d12	23.16	264	5113	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	2233	0.46	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	5528	0.47	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	133468	13.969	ng/ul	94
5) 2-Methylnaphthalene	11.81	142	374684	59.696	ng/ul	99
7) Acenaphthylene	13.76	152	23294	0.628	ng/ul#	1
8) Acenaphthene	14.10	153	32230	1.060	ng/ul	93
9) Fluorene	15.10	166	65705	1.883	ng/ul#	86
11) Pentachlorophenol	16.48	266	191	0.153	ng/ul#	27
12) Phenanthrene	16.85	178	812731	56.267	ng/ul	97
13) Anthracene	16.93	178	84501m	6.874	ng/ul	
15) Fluoranthene	18.88	202	189181	11.022	ng/ul	92
17) Pyrene	19.26	202	1114924	30.154	ng/ul	99
18) Benzo(a)anthracene	21.03	228	129073	3.985	ng/ul#	38
19) Chrysene	21.08	228	155651	4.350	ng/ul#	72
21) Benzo(b)fluoranthene	22.54	252	92271m	3.901	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	19196m	0.734	ng/ul	
23) Benzo(a)pyrene	23.07	252	90201	4.110	ng/ul#	47
24) Indeno(1,2,3-cd)pyrene	25.24	276	31817	1.104	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.23	278	15213	0.667	ng/ul#	1
26) Benzo(g,h,i)perylene	25.87	276	56214	2.156	ng/ul#	80

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

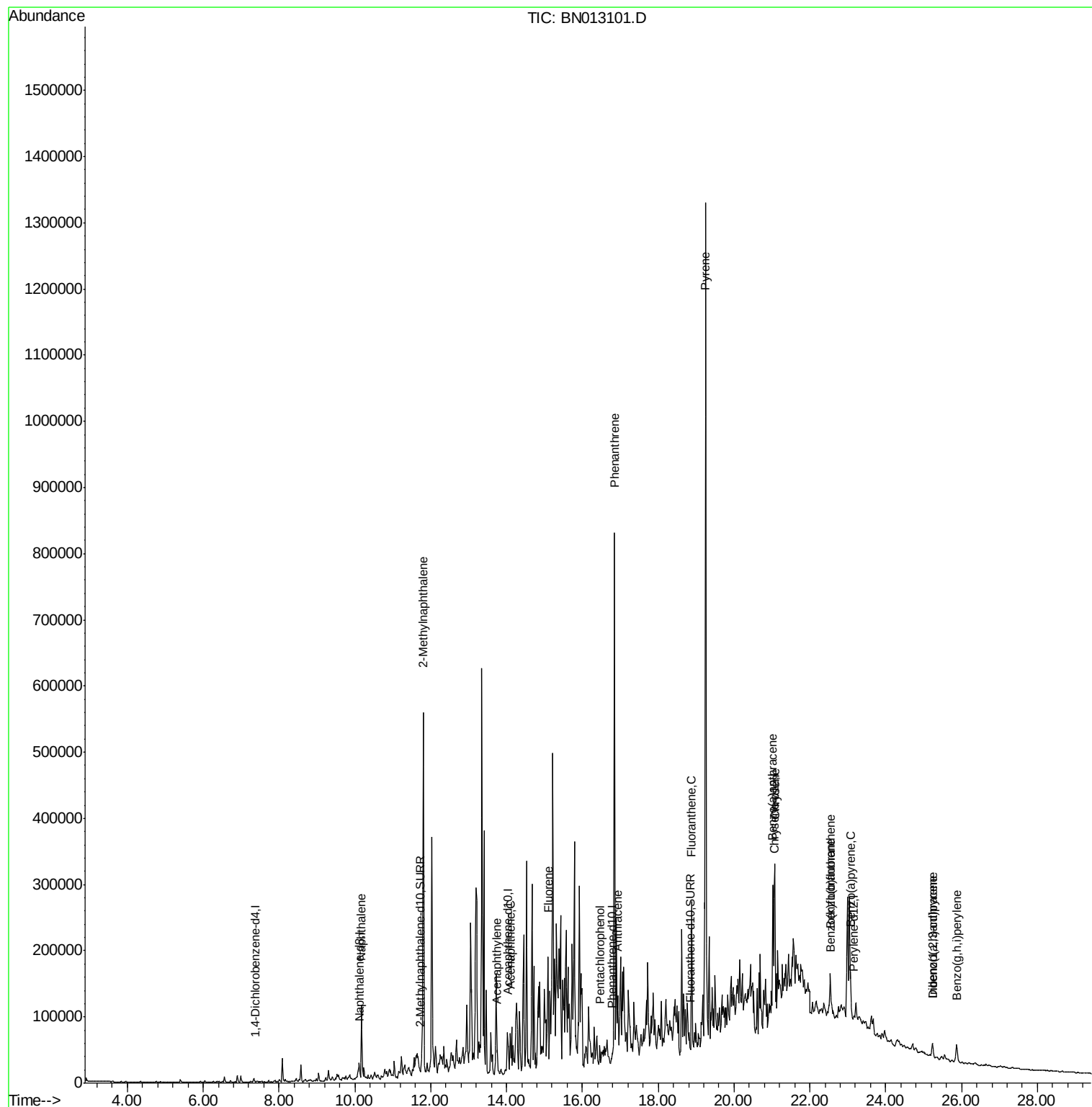
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013101.D
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ALS Vial : 12 Sample Multiplier: 1

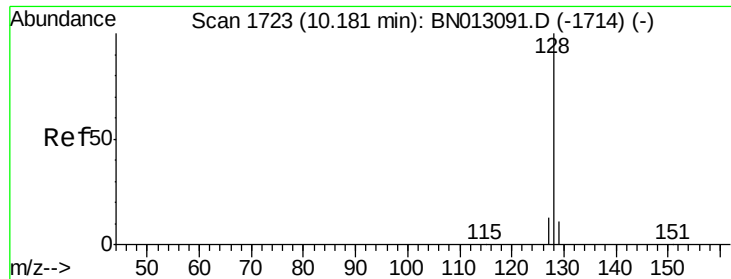
Instrument :
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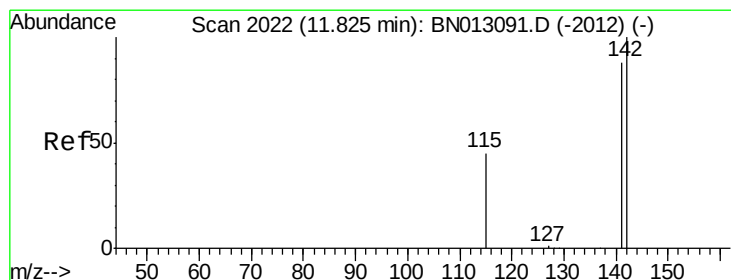
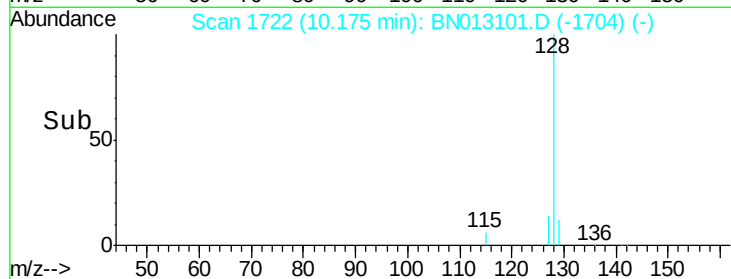
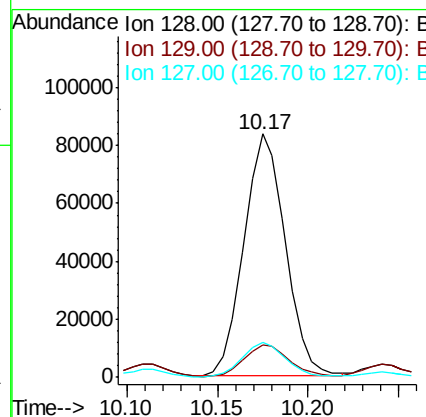
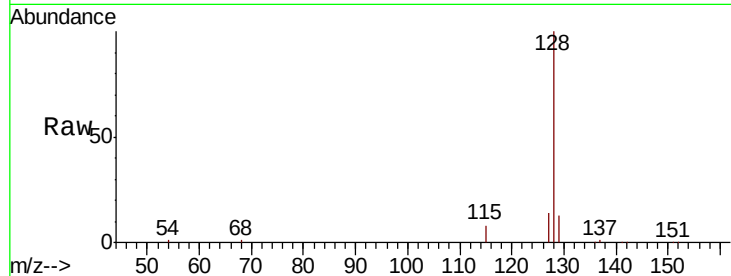
#3
Naphthalene
Concen: 13.969 ng/ul
RT: 10.17 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BN013101.D
Acq: 12 Dec 2020 20:58

Instrument :
BNA_N
ClientSampleId :
C0AD9

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.4	12.3	18.5
127	14.4	14.2	21.4

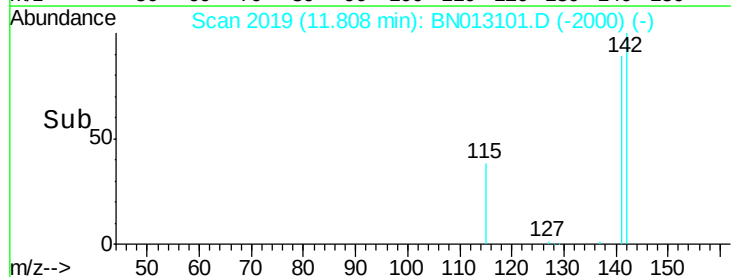
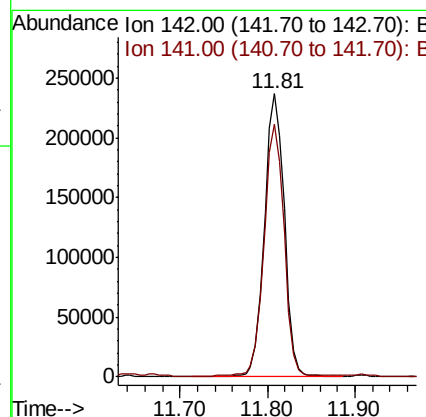
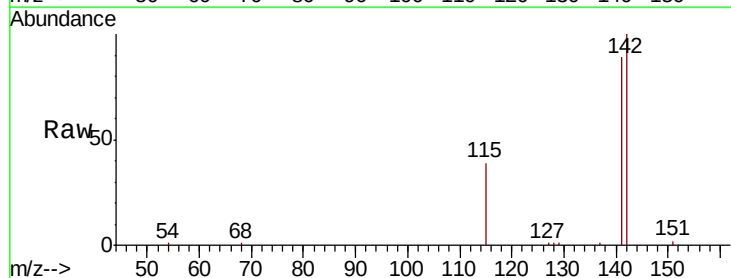
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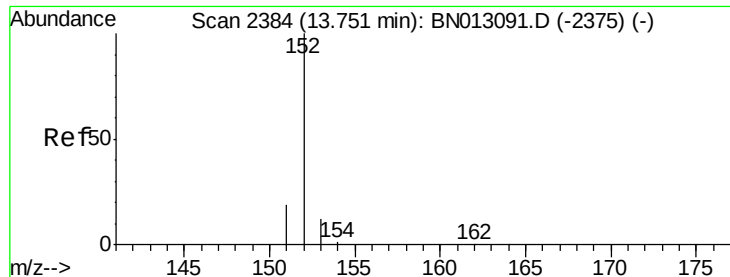
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#5
2-Methylnaphthalene
Concen: 59.696 ng/ul
RT: 11.81 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BN013101.D
Acq: 12 Dec 2020 20:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.6





#7

Acenaphthylene

Concen: 0.628 ng/ul

RT: 13.76 min Scan# 2385

Delta R.T. 0.01 min

Lab File: BN013101.D

Acq: 12 Dec 2020 20:58

Instrument :

BNA_N

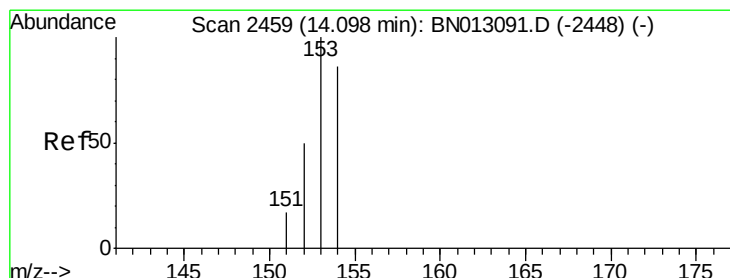
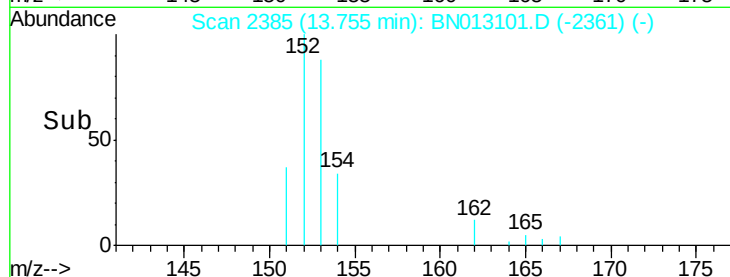
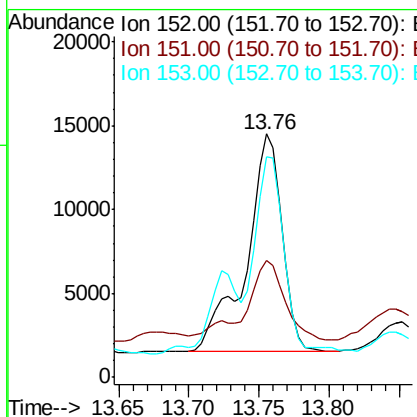
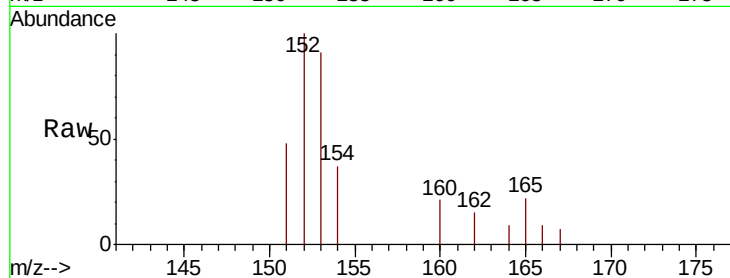
ClientSampleId :

C0AD9

Tot Ion:	152	Resp:	23294
Ion Ratio	Lower	Upper	
152	100		
151	47.8	18.2	27.4#
153	90.8	13.1	19.7#

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#8

Acenaphthene

Concen: 1.060 ng/ul

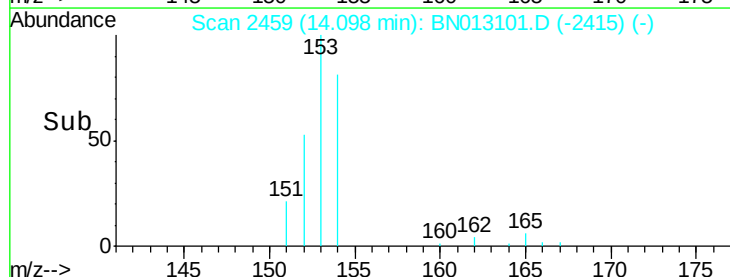
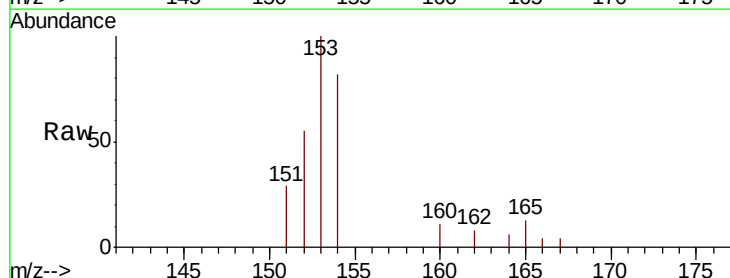
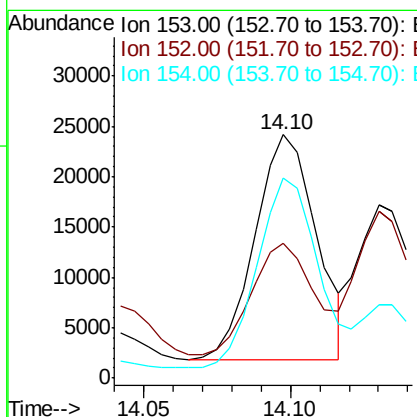
RT: 14.10 min Scan# 2459

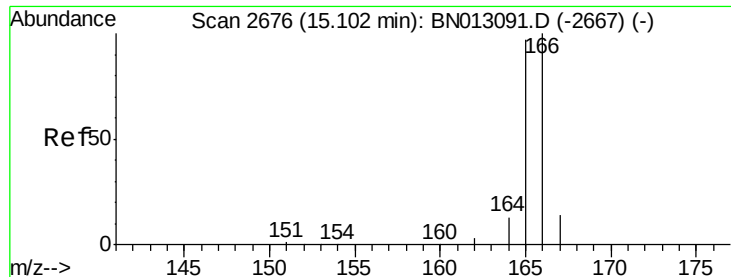
Delta R.T. 0.00 min

Lab File: BN013101.D

Acq: 12 Dec 2020 20:58

Tgt Ion:	153	Resp:	32230
Ion Ratio	Lower	Upper	
153	100		
152	55.5	40.7	61.1
154	82.1	70.8	106.2





#9

Fluorene

Concen: 1.883 ng/ul

RT: 15.10 min Scan# 2676

Delta R.T. 0.01 min

Lab File: BN013101.D

Acq: 12 Dec 2020 20:58

Instrument :

BNA_N

ClientSampleId :

C0AD9

Tot Ion:166 Resp: 65705

Ion Ratio Lower Upper

166 100

165 111.0 79.8 119.8

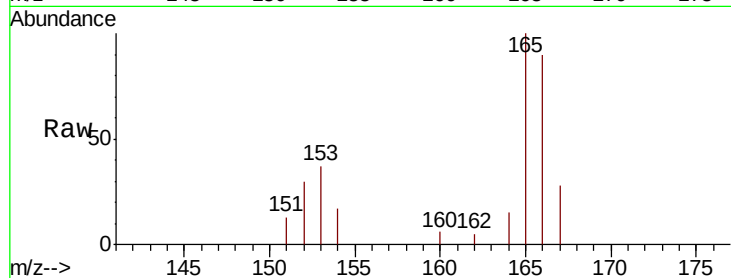
167 31.5 13.8 20.8#

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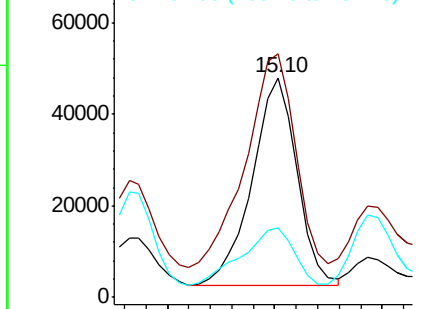
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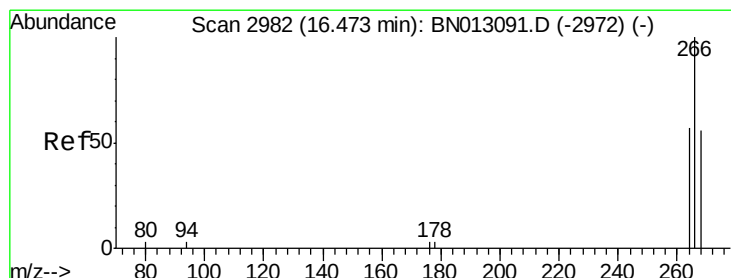
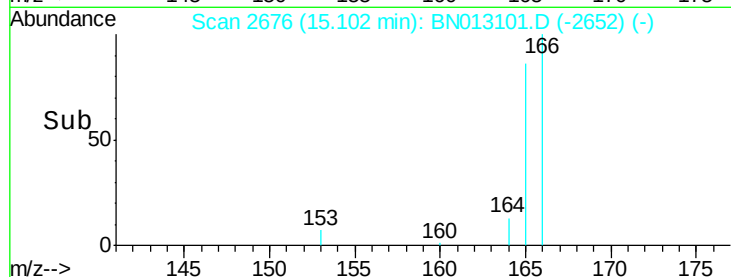
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 0.153 ng/ul

RT: 16.48 min Scan# 2983

Delta R.T. 0.02 min

Lab File: BN013101.D

Acq: 12 Dec 2020 20:58

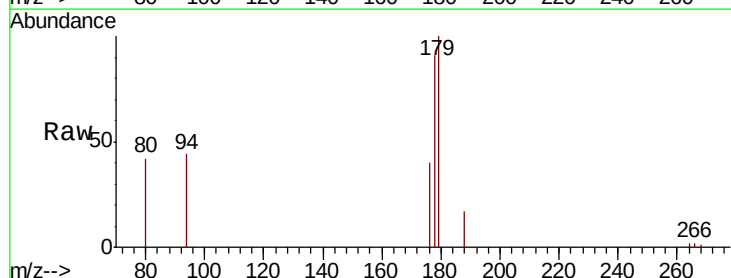
Tgt Ion:266 Resp: 191

Ion Ratio Lower Upper

266 100

264 0.0 51.5 77.3#

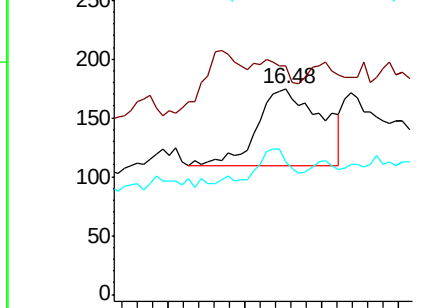
268 17.3 56.0 84.0#



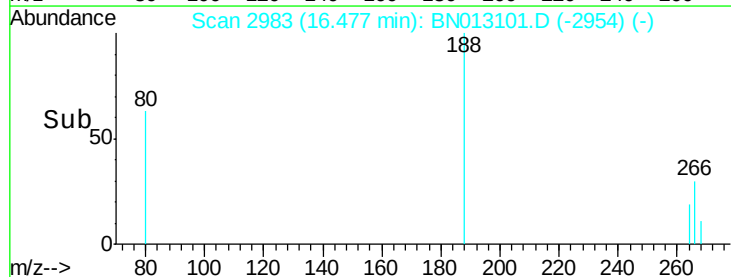
Abundance Ion 266.00 (265.70 to 266.70): E

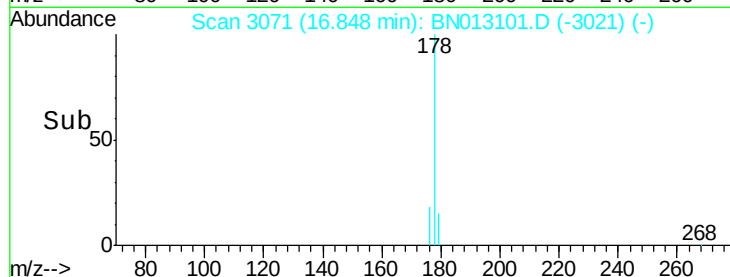
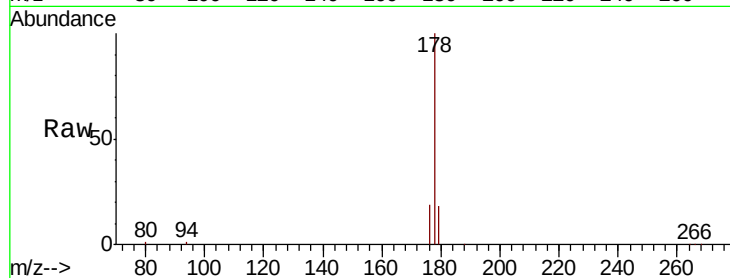
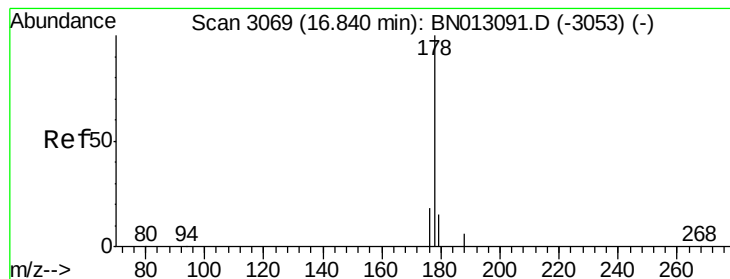
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 56.267 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. 0.01 min

Lab File: BN013101.D

Acq: 12 Dec 2020 20:58

Tot Ion	178	Resp	812731
Ion Ratio	Lower	Upper	
178	100		
179	17.7	13.6	20.4
176	18.9	16.4	24.6

Instrument :

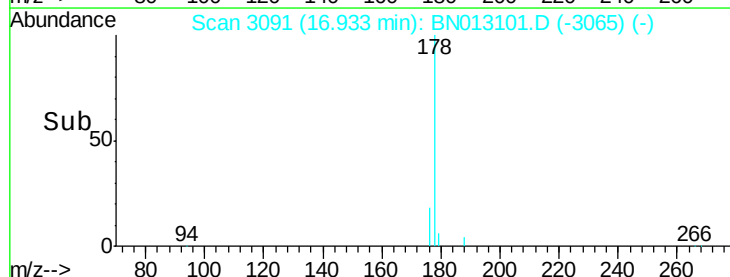
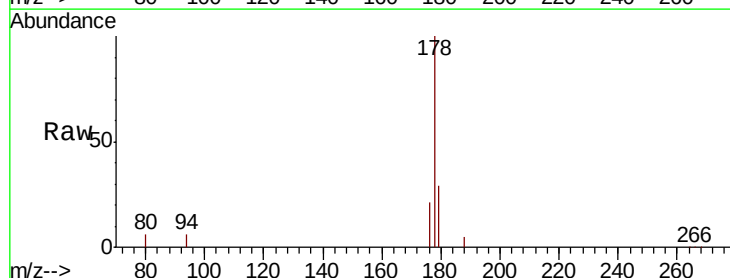
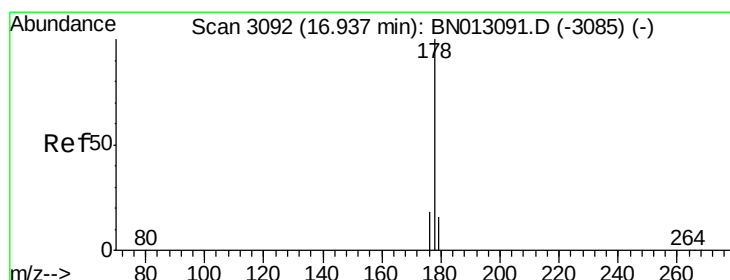
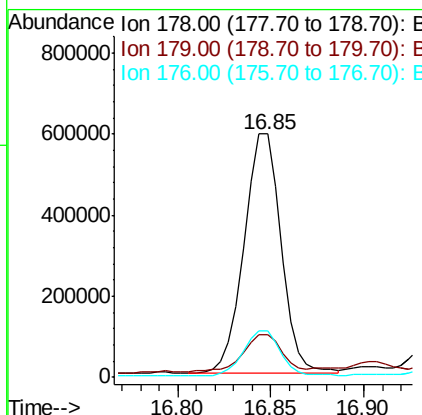
BNA_N

ClientSampleId :

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#13

Anthracene

Concen: 6.874 ng/ul m

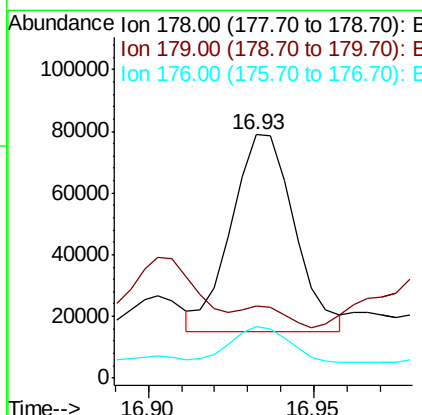
RT: 16.93 min Scan# 3091

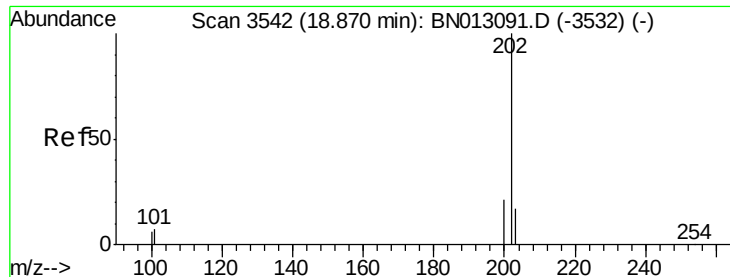
Delta R.T. 0.01 min

Lab File: BN013101.D

Acq: 12 Dec 2020 20:58

Tgt Ion	178	Resp	84501
Ion Ratio	Lower	Upper	
178	100		
179	29.4	14.6	21.8#
176	21.0	17.1	25.7





#15

Fluoranthene

Concen: 11.022 ng/ul

RT: 18.88 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BN013101.D

Acq: 12 Dec 2020 20:58

Instrument :

BNA_N

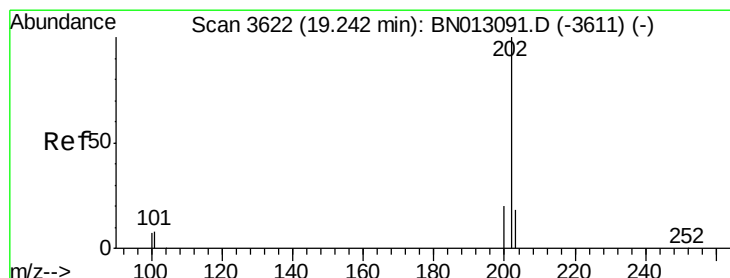
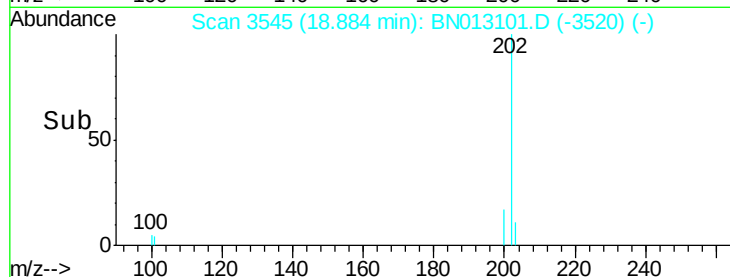
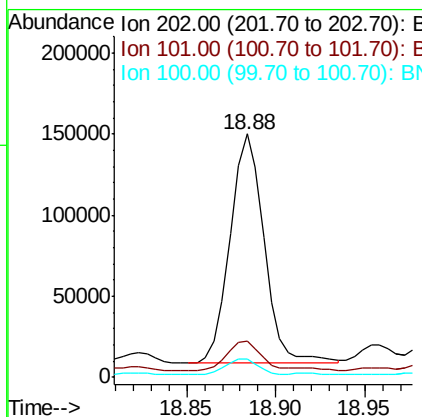
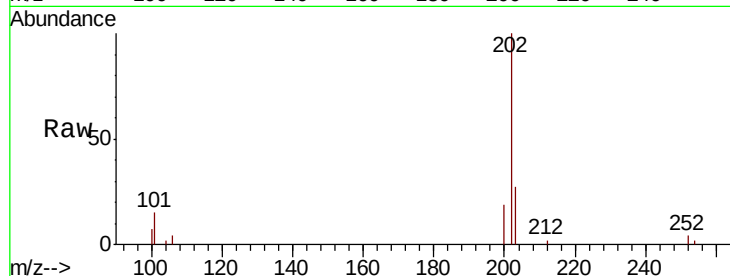
ClientSampleId :

C0AD9

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.7	0.0	30.6
100	7.4	0.0	28.7

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#17

Pyrene

Concen: 30.154 ng/ul

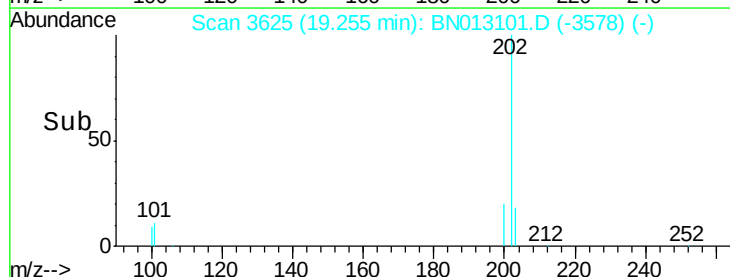
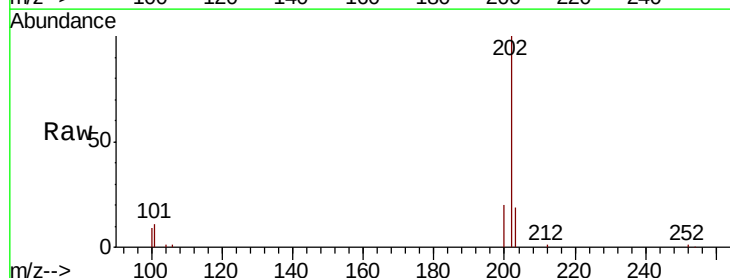
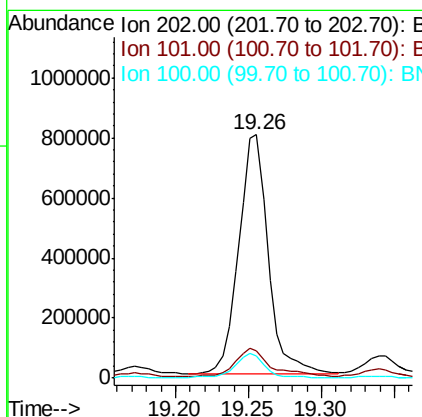
RT: 19.26 min Scan# 3625

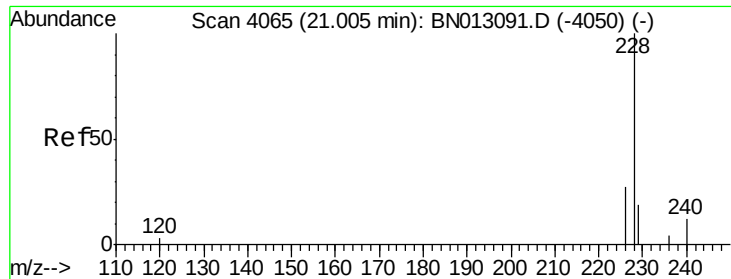
Delta R.T. 0.02 min

Lab File: BN013101.D

Acq: 12 Dec 2020 20:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	9.1	13.7
100	8.9	7.5	11.3





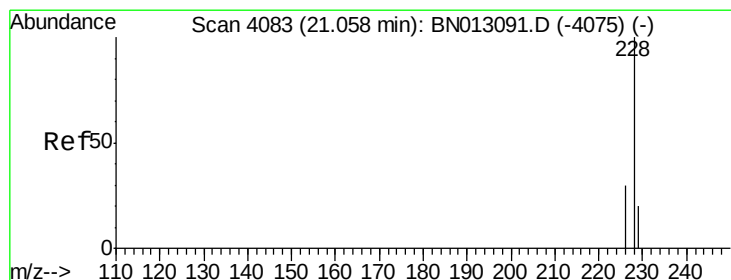
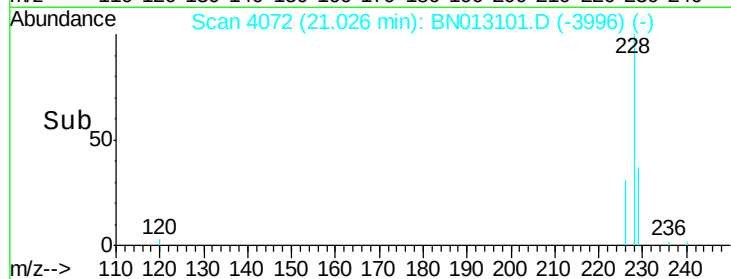
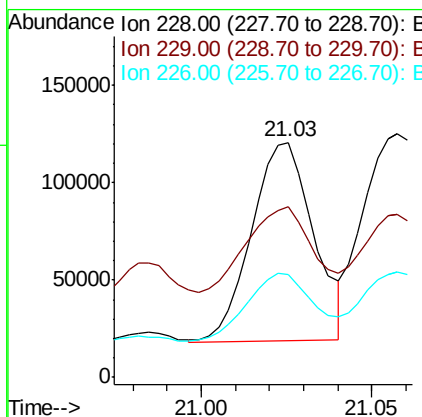
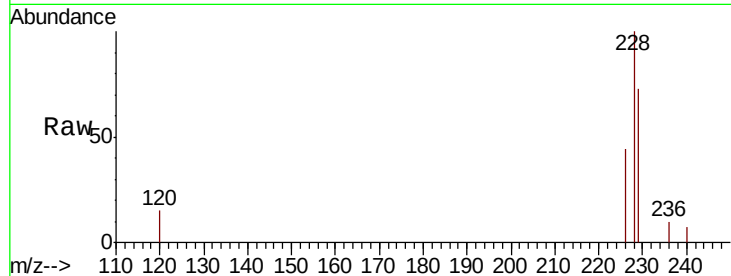
#18
Benzo(a)anthracene
Concen: 3.985 ng/ul
RT: 21.03 min Scan# 4072
Delta R.T. 0.02 min
Lab File: BN013101.D
Acq: 12 Dec 2020 20:58

Instrument :
BNA_N
ClientSampleId :
C0AD9

Tot Ion	Ratio	Lower	Upper
228	100		
229	72.6	16.3	24.5#
226	43.6	23.4	35.2#

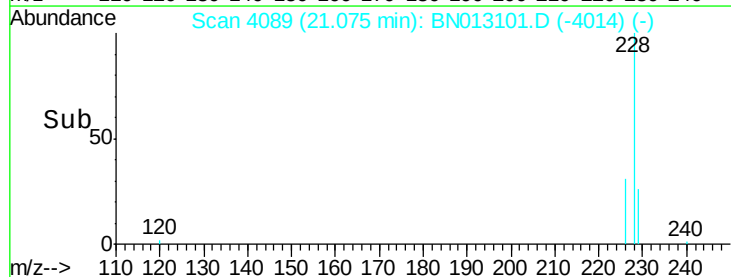
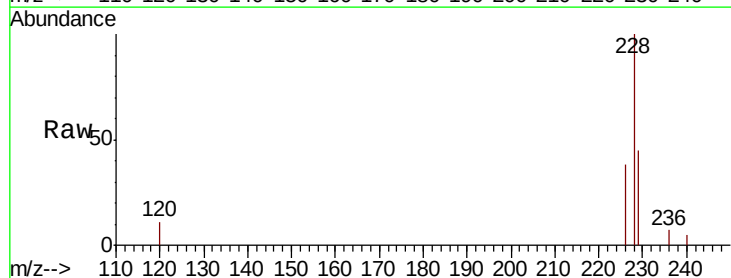
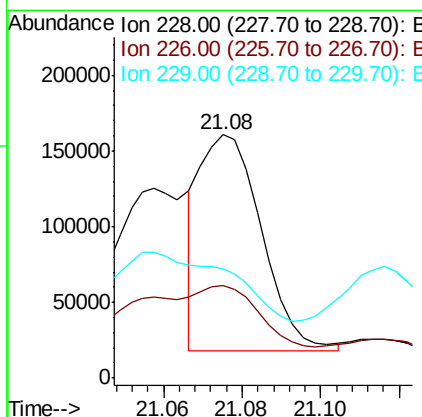
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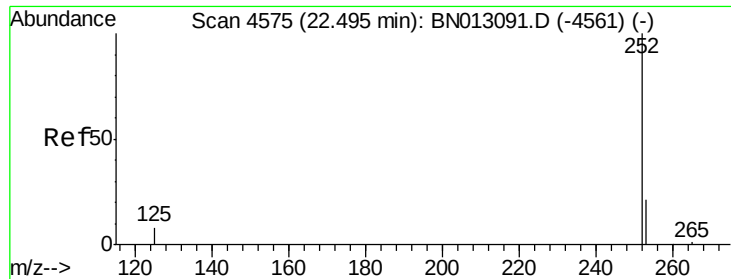
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#19
Chrysene
Concen: 4.350 ng/ul
RT: 21.08 min Scan# 4089
Delta R.T. 0.02 min
Lab File: BN013101.D
Acq: 12 Dec 2020 20:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.2	25.0	37.6#
229	44.9	16.4	24.6#





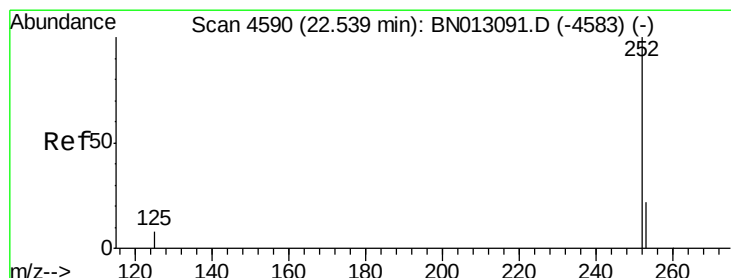
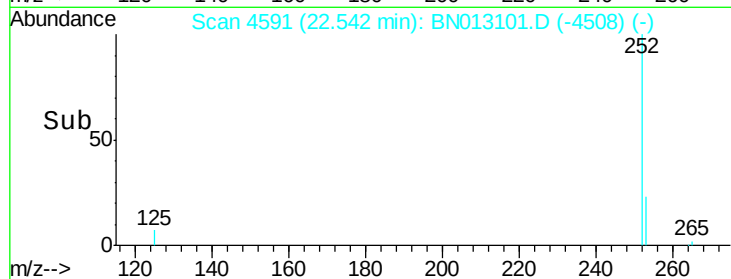
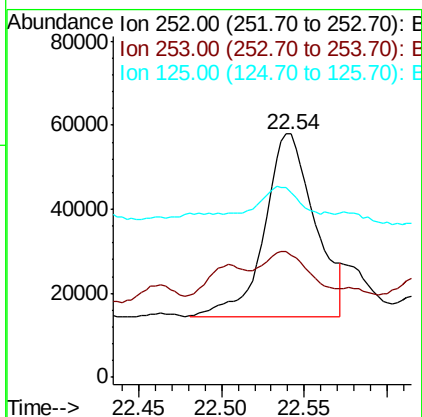
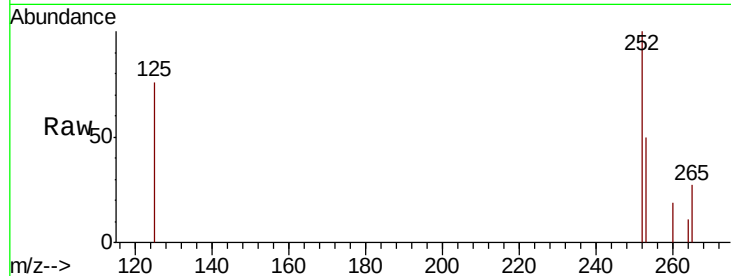
#21
Benzo(b)fluoranthene
Concen: 3.901 ng/ul m
RT: 22.54 min Scan# 4591
Delta R.T. 0.04 min
Lab File: BN013101.D
Acq: 12 Dec 2020 20:58

Instrument :
BNA_N
ClientSampleId :
C0AD9

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.2	0.0	59.6
125	76.1	0.0	26.0

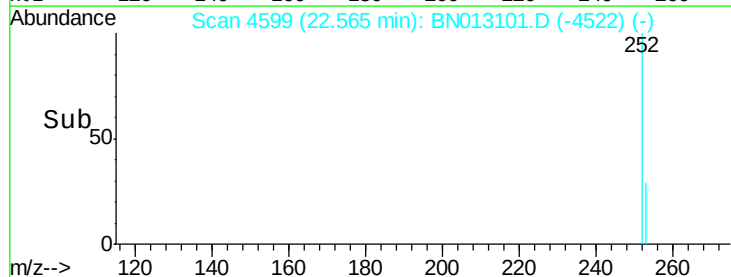
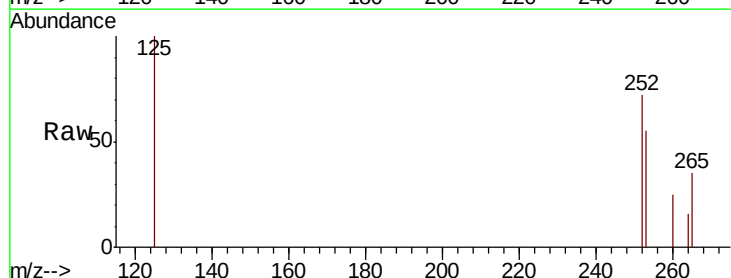
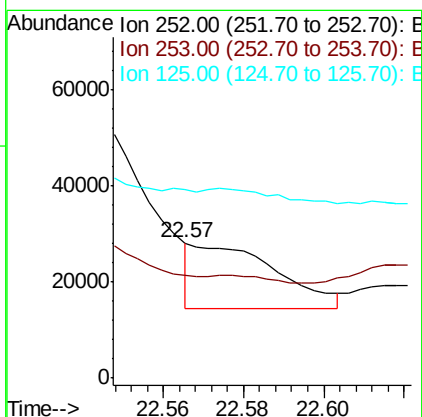
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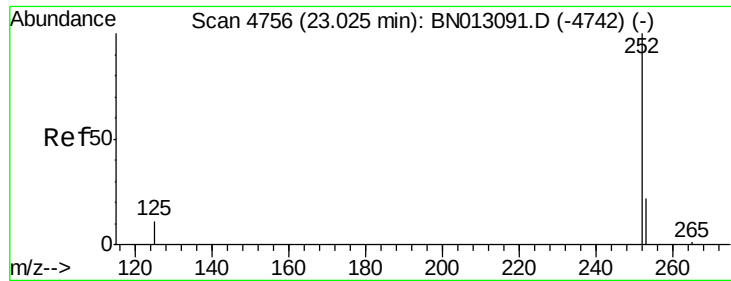
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#22
Benzo(k)fluoranthene
Concen: 0.734 ng/ul m
RT: 22.57 min Scan# 4599
Delta R.T. 0.02 min
Lab File: BN013101.D
Acq: 12 Dec 2020 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	76.3	23.4	35.2
125	139.6	11.1	16.7





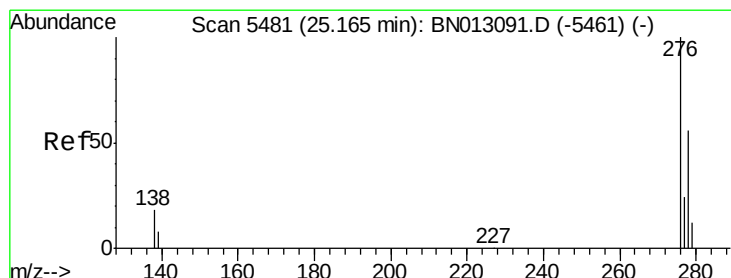
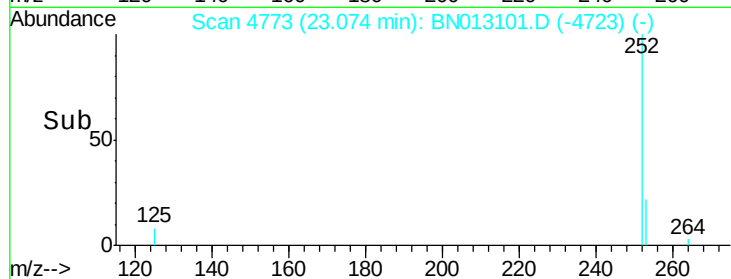
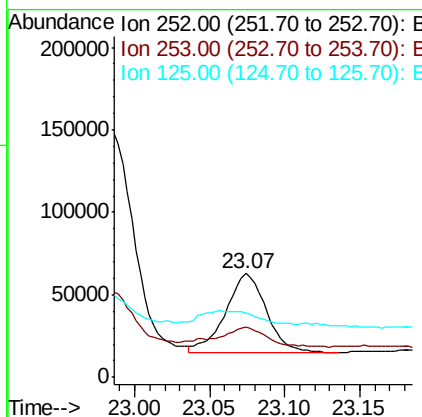
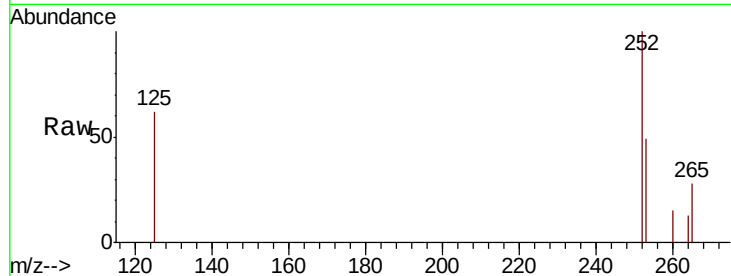
#23
Benzo(a)pyrene
Concen: 4.110 ng/ul
RT: 23.07 min Scan# 4773
Delta R.T. 0.05 min
Lab File: BN013101.D
Acq: 12 Dec 2020 20:58

Instrument :
BNA_N
ClientSampleId :
C0AD9

Tot Ion	Ratio	Lower	Upper
252	100		
253	48.6	26.5	39.7#
125	62.0	14.2	21.2#

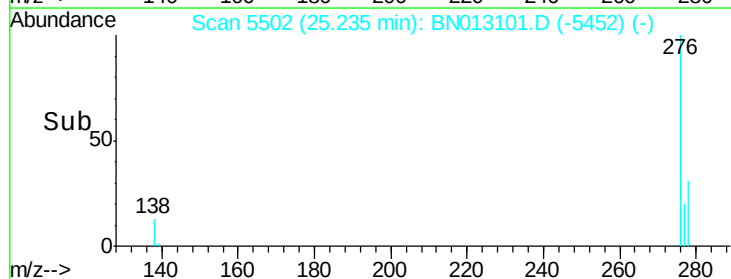
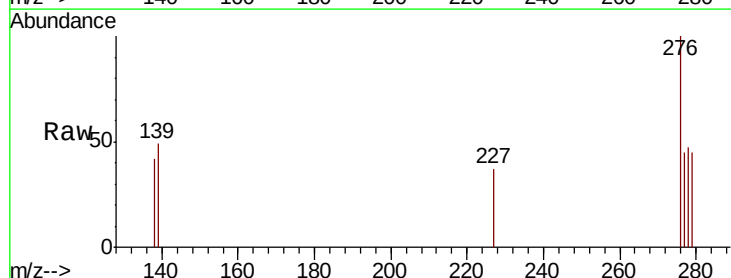
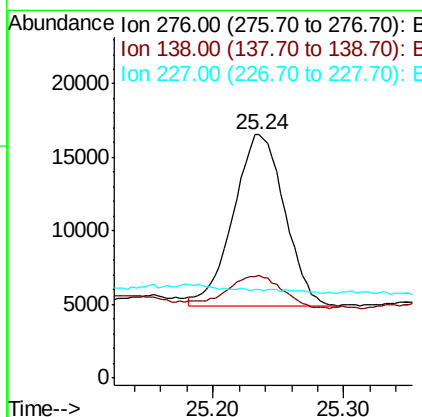
Manual Integrations
APPROVED

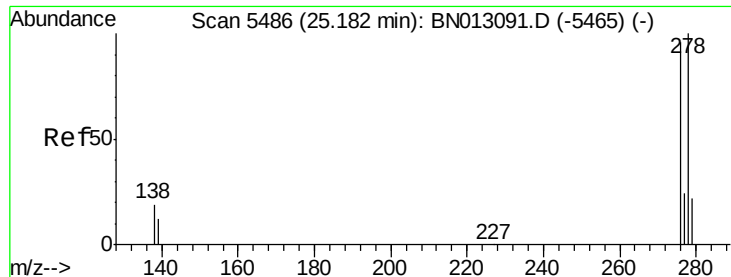
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#24
Indeno(1,2,3-cd)pyrene
Concen: 1.104 ng/ul
RT: 25.24 min Scan# 5502
Delta R.T. 0.07 min
Lab File: BN013101.D
Acq: 12 Dec 2020 20:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.2	24.2
227	0.0	0.0	0.0





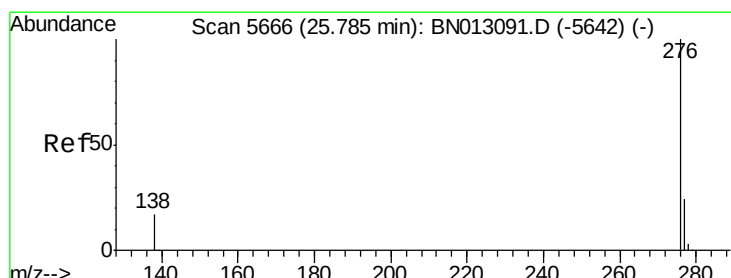
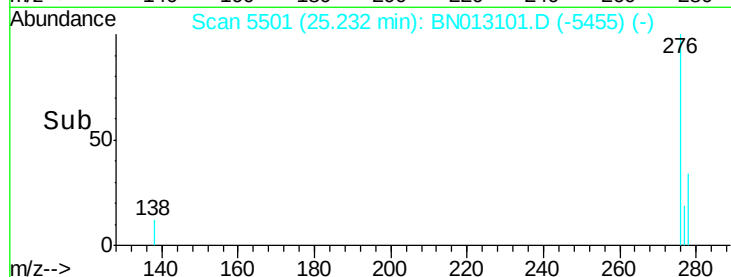
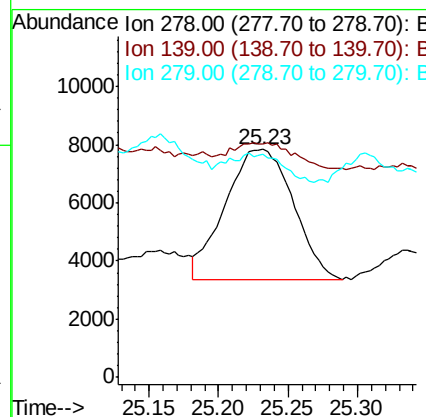
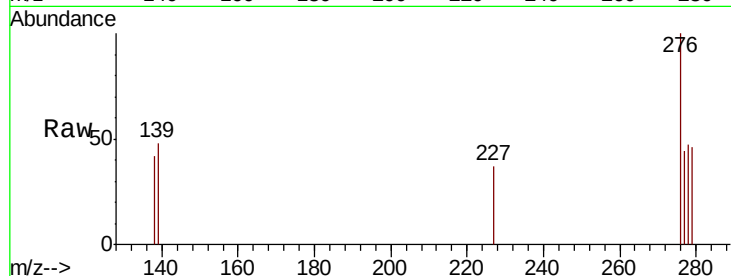
#25
Dibenzo(a,h)anthracene
Concen: 0.667 ng/ul
RT: 25.23 min Scan# 5501
Delta R.T. 0.05 min
Lab File: BN013101.D
Acq: 12 Dec 2020 20:58

Instrument :
BNA_N
ClientSampleId :
C0AD9

Tot Ion	Ratio	Lower	Upper
278	100		
139	102.3	14.5	21.7#
279	98.0	26.3	39.5#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 2.156 ng/ul
RT: 25.87 min Scan# 5692
Delta R.T. 0.08 min
Lab File: BN013101.D
Acq: 12 Dec 2020 20:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.7	16.3	24.5#
277	37.2	21.8	32.6#

