

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
 Data File : BN013103.D
 Acq On : 12 Dec 2020 22:11
 Operator : CG/JU
 Sample : L5063-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE0

Manual Integrations
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Quant Time: Dec 14 11:36:57 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 : 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	866	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	3263	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	7137	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4319	0.40	ng/ul	0.01
16) Chrysene-d12	21.04	240	8811	0.40	ng/ul	0.02
20) Perylene-d12	23.16	264	4252	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2111	0.44	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	4621	0.39	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	67210	7.118	ng/ul	96
5) 2-Methylnaphthalene	11.81	142	226782	36.564	ng/ul	99
7) Acenaphthylene	13.76	152	15654	0.463	ng/ul#	1
8) Acenaphthene	14.10	153	28261	1.020	ng/ul	93
9) Fluorene	15.10	166	52009	1.636	ng/ul#	82
11) Pentachlorophenol	16.48	266	124	0.099	ng/ul#	36
12) Phenanthrene	16.85	178	813405	56.170	ng/ul	98
13) Anthracene	16.94	178	77356	6.277	ng/ul#	90
15) Fluoranthene	18.88	202	159735	9.282	ng/ul	92
17) Pyrene	19.25	202	915812	22.005	ng/ul	98
18) Benzo(a)anthracene	21.02	228	107982	2.962	ng/ul#	41
19) Chrysene	21.07	228	142243	3.532	ng/ul#	76
21) Benzo(b)fluoranthene	22.54	252	71756m	3.648	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	17156m	0.789	ng/ul	
23) Benzo(a)pyrene	23.07	252	61402	3.364	ng/ul#	45
24) Indeno(1,2,3-cd)pyrene	25.23	276	22834	0.952	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.23	278	11349	0.598	ng/ul#	1
26) Benzo(g,h,i)perylene	25.87	276	38414	1.771	ng/ul#	74

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

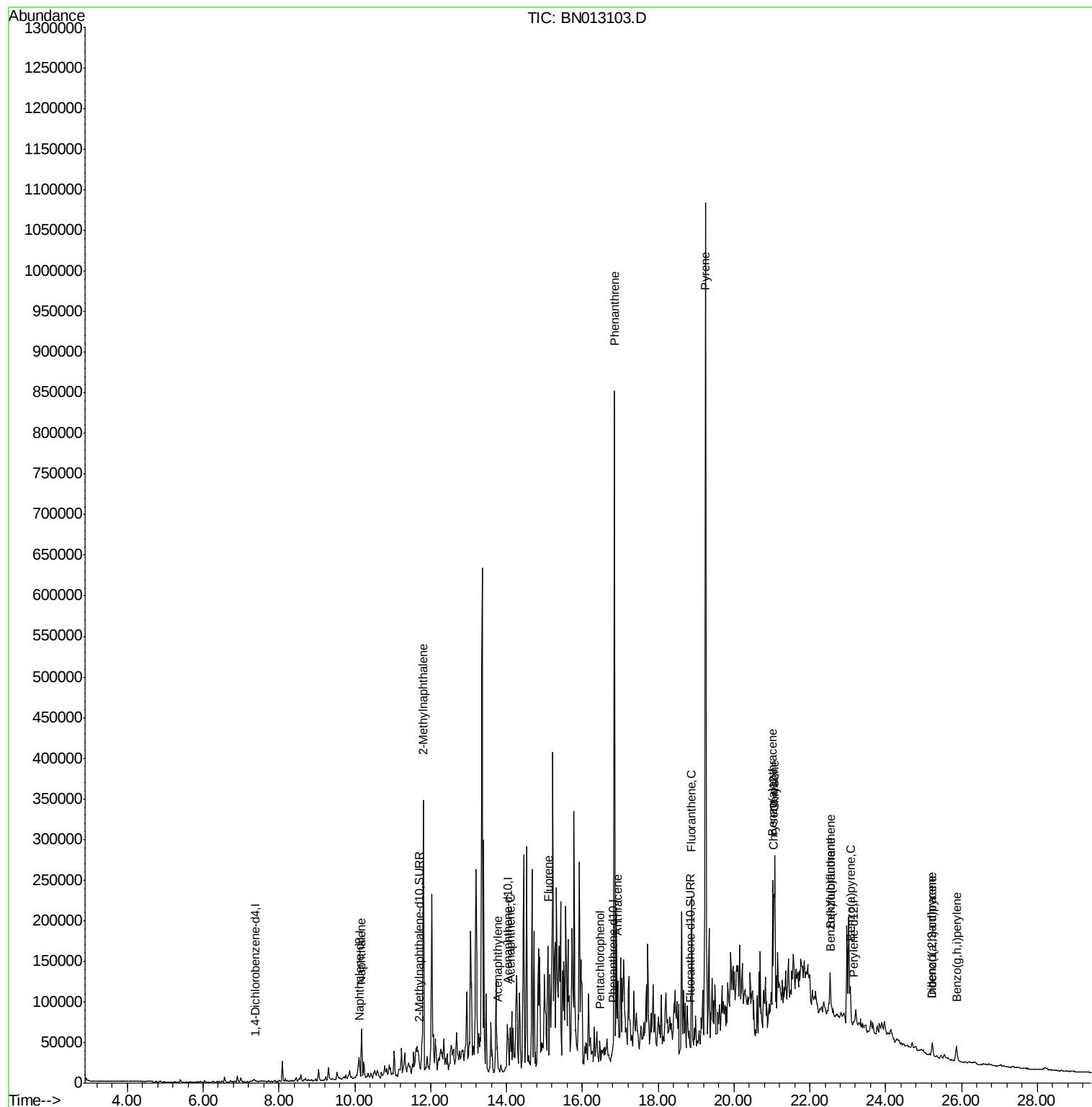
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121220\
Data File : BN013103.D
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ALS Vial : 14 Sample Multiplier: 1

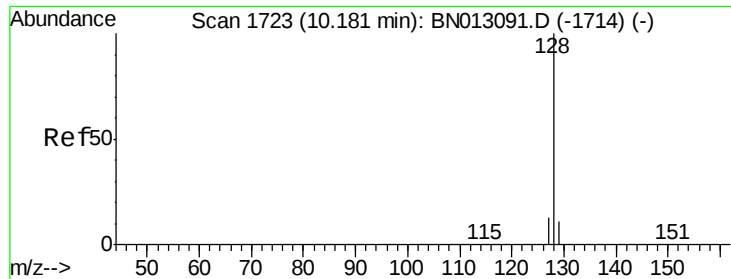
Instrument :
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Quant Time: Dec 14 11:36:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 7.118 ng/ul

RT: 10.18 min Scan# 1723

Delta R.T. 0.00 min

Lab File: BN013103.D

Acq: 12 Dec 2020 22:11

Instrument :

BNA_N

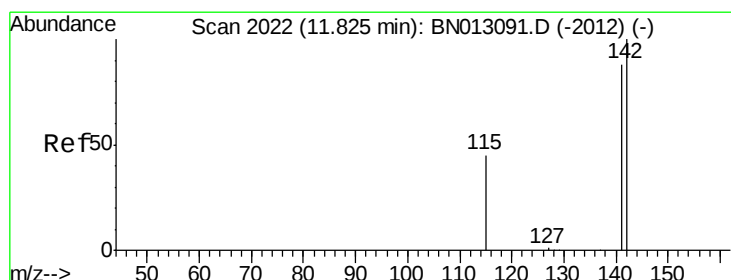
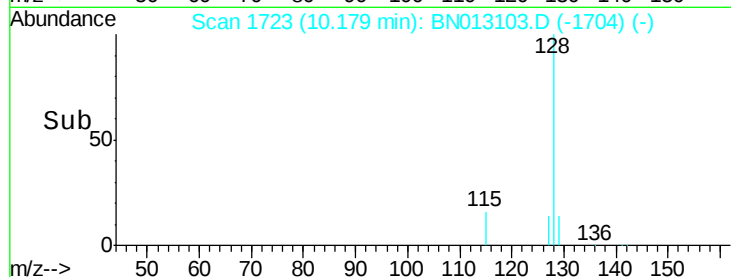
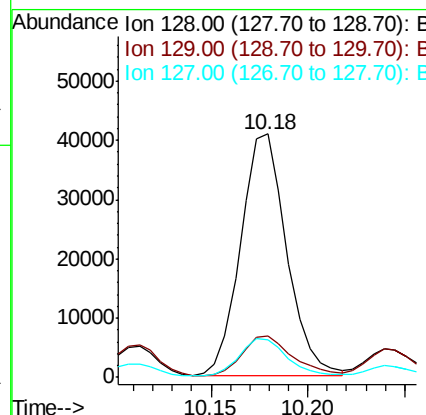
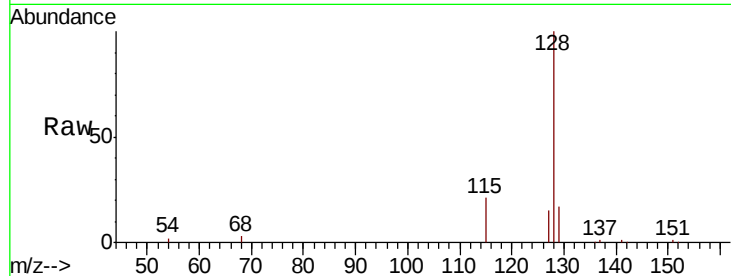
ClientSampleId :

C0AE0

Tot Ion:	128	Resp:	67210
Ion Ratio	Lower	Upper	
128	100		
129	16.9	12.3	18.5
127	15.5	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 36.564 ng/ul

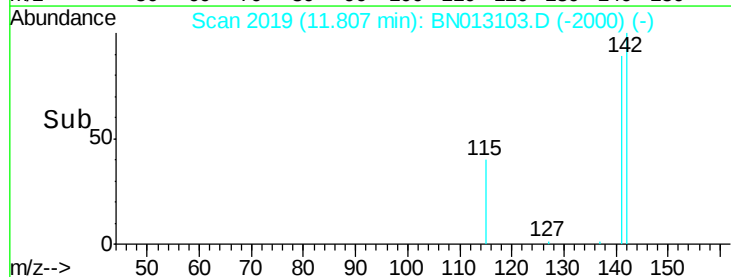
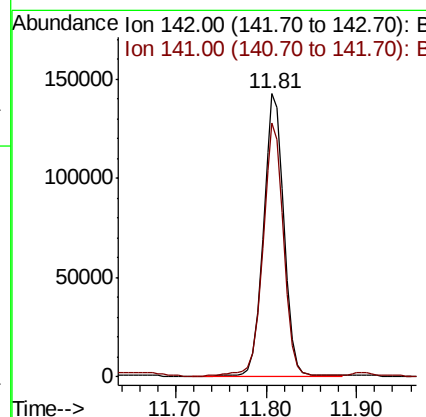
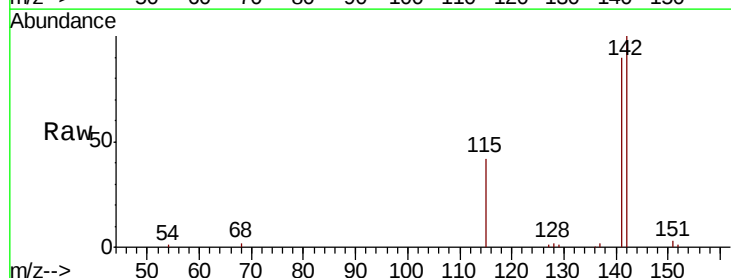
RT: 11.81 min Scan# 2019

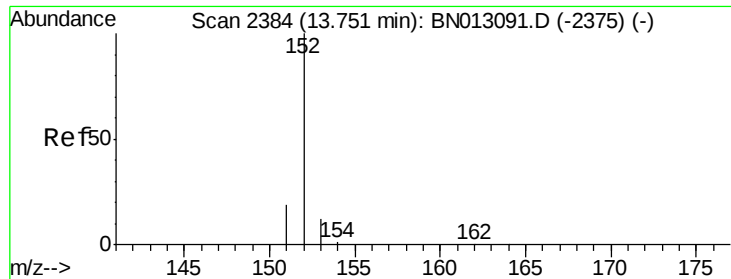
Delta R.T. 0.00 min

Lab File: BN013103.D

Acq: 12 Dec 2020 22:11

Tgt Ion:	142	Resp:	226782
Ion Ratio	Lower	Upper	
142	100		
141	90.7	73.0	109.6





#7

Acenaphthylene

Concen: 0.463 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BN013103.D

Acq: 12 Dec 2020 22:11

Instrument :

BNA_N

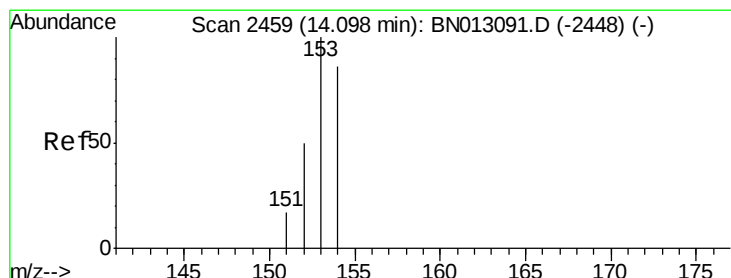
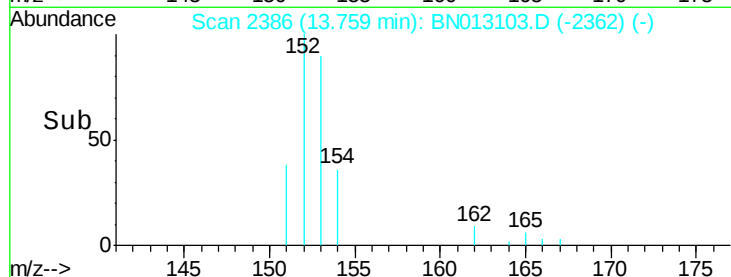
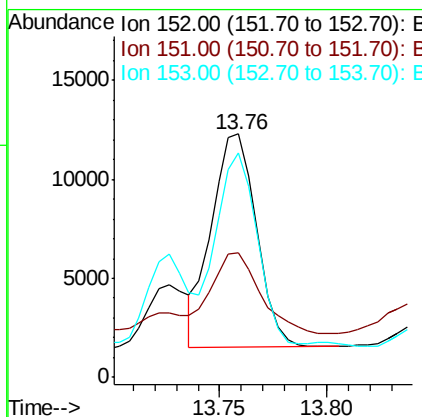
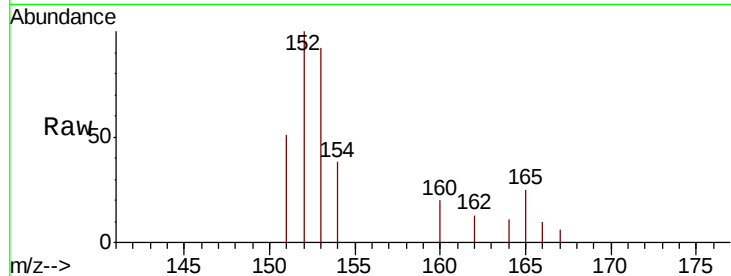
ClientSampleId :

C0AE0

Tot Ion:	152	Resp:	15654
Ion Ratio	Lower	Upper	
152	100		
151	51.1	18.2	27.4#
153	92.2	13.1	19.7#

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#8

Acenaphthene

Concen: 1.020 ng/ul

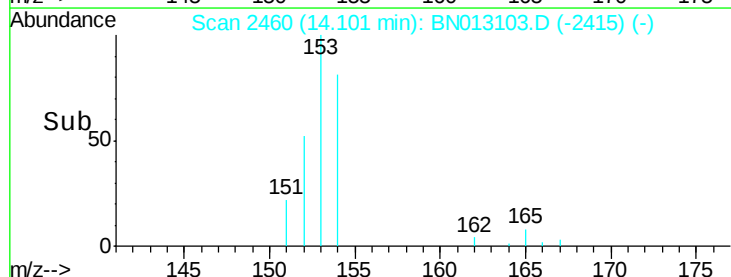
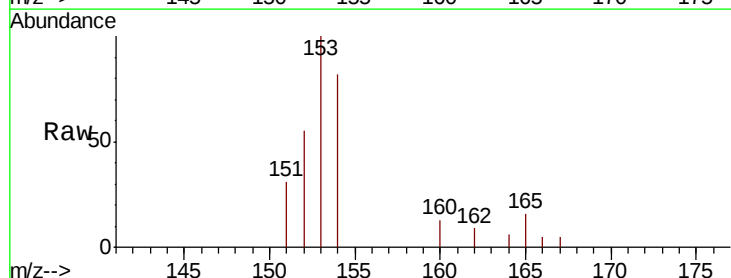
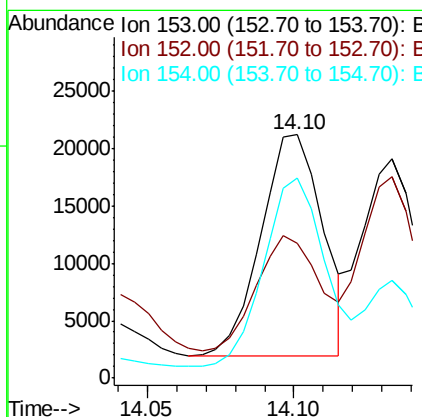
RT: 14.10 min Scan# 2460

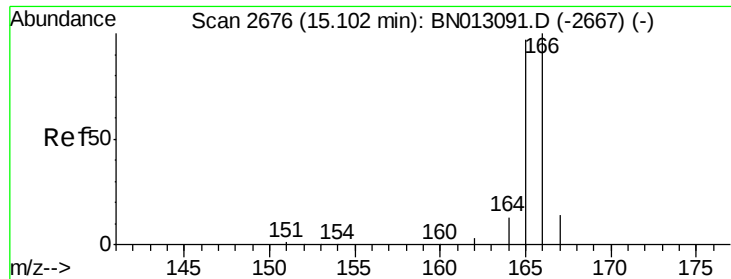
Delta R.T. 0.01 min

Lab File: BN013103.D

Acq: 12 Dec 2020 22:11

Tgt Ion:	153	Resp:	28261
Ion Ratio	Lower	Upper	
153	100		
152	55.3	40.7	61.1
154	82.1	70.8	106.2





#9

Fluorene

Concen: 1.636 ng/ul

RT: 15.10 min Scan# 2676

Delta R.T. 0.01 min

Lab File: BN013103.D

Acq: 12 Dec 2020 22:11

Instrument :

BNA_N

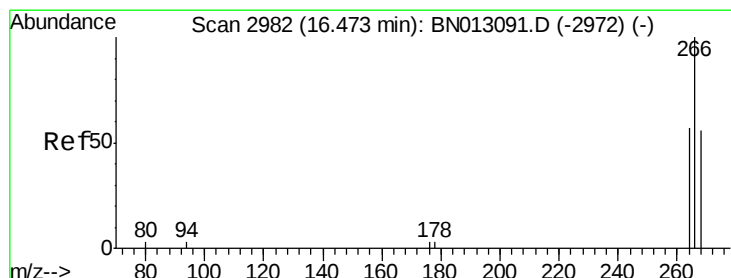
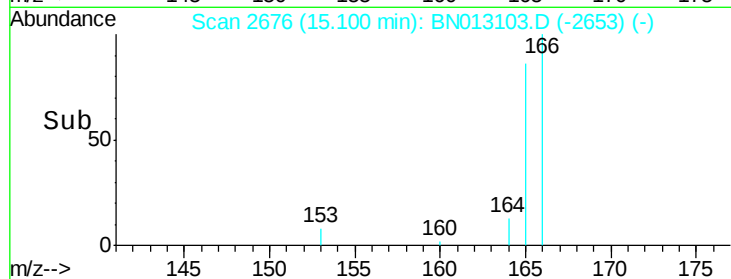
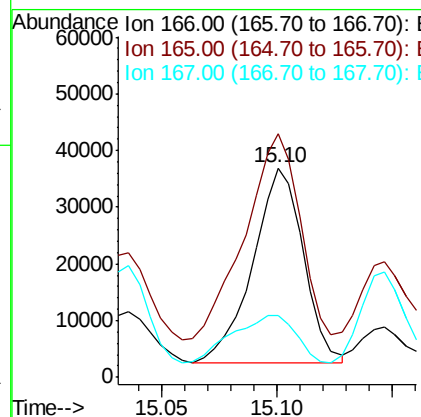
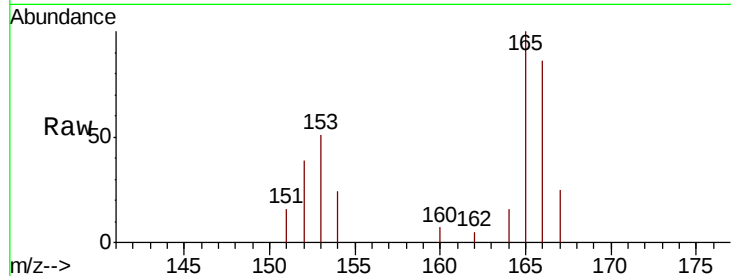
ClientSampled :

C0AE0

Tot Ion:	166	Resp:	52009
Ion	Ratio	Lower	Upper
166	100		
165	116.4	79.8	119.8
167	29.3	13.8	20.8#

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#11

Pentachlorophenol

Concen: 0.099 ng/ul

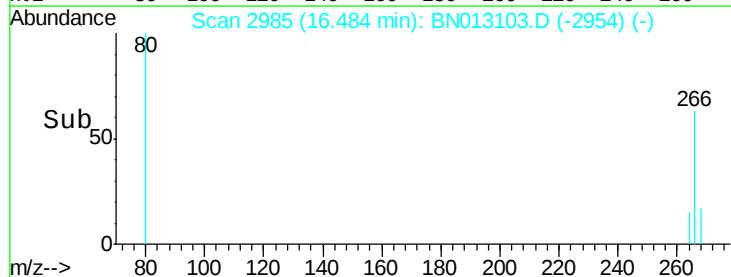
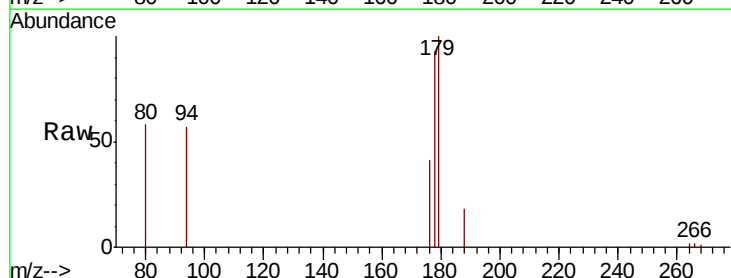
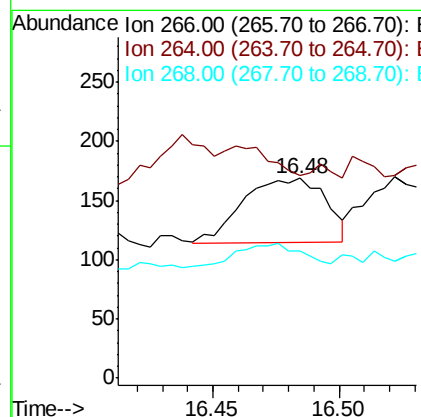
RT: 16.48 min Scan# 2985

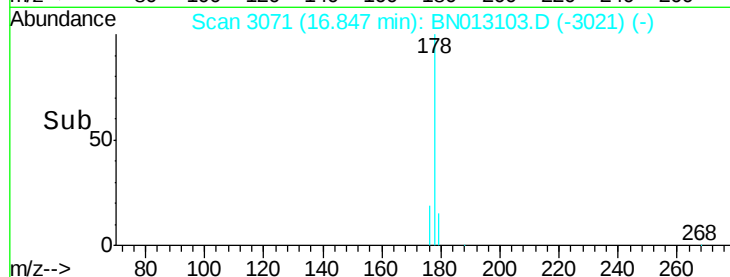
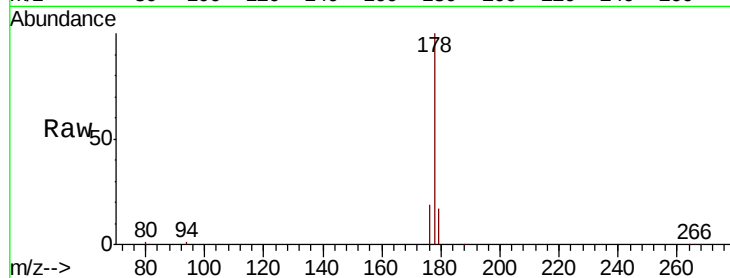
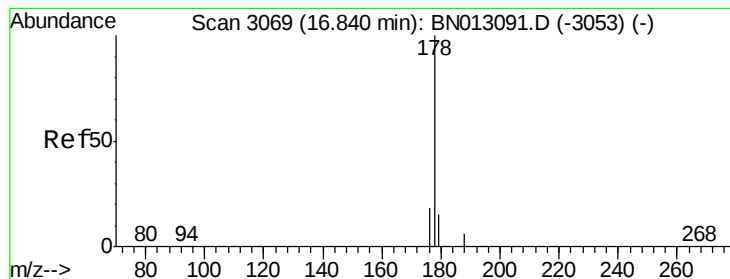
Delta R.T. 0.03 min

Lab File: BN013103.D

Acq: 12 Dec 2020 22:11

Tgt Ion:	266	Resp:	124
Ion	Ratio	Lower	Upper
266	100		
264	0.0	51.5	77.3#
268	31.5	56.0	84.0#





#12

Phenanthrene

Concen: 56.170 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. 0.01 min

Lab File: BN013103.D

Acq: 12 Dec 2020 22:11

Tot Ion:178	Resp:	813405
Ion Ratio	Lower	Upper
178	100	
179	17.4	13.6 20.4
176	19.0	16.4 24.6

Instrument :

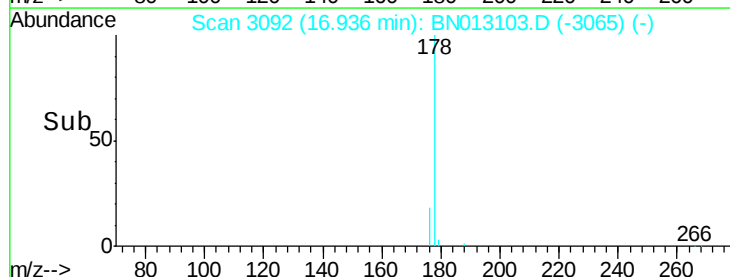
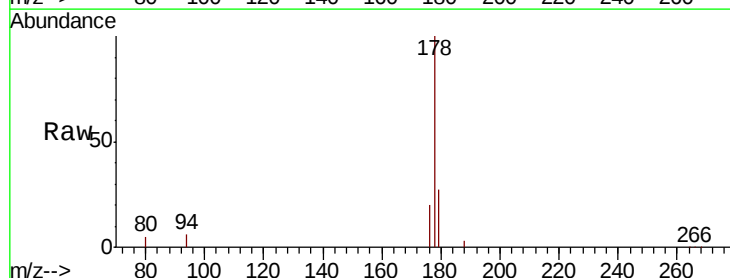
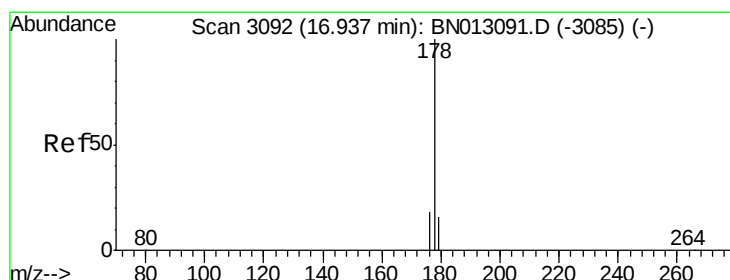
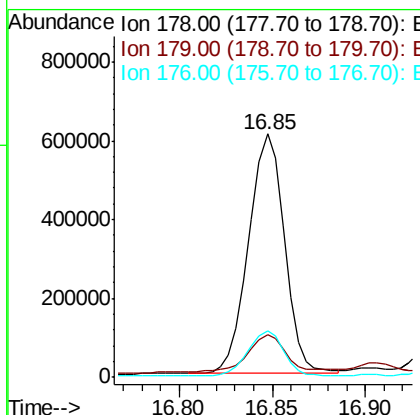
BNA_N

ClientSampleId :

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#13

Anthracene

Concen: 6.277 ng/ul

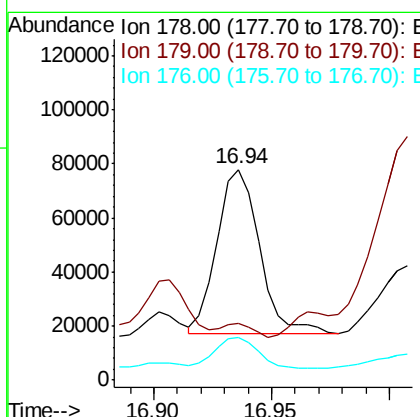
RT: 16.94 min Scan# 3092

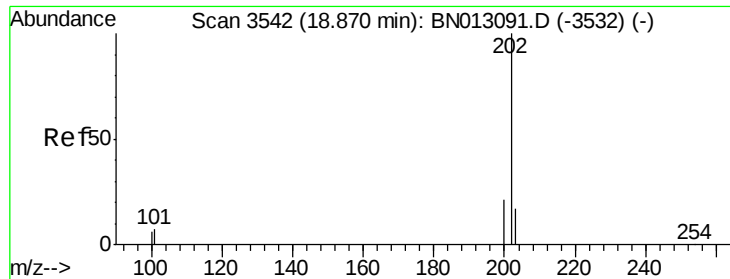
Delta R.T. 0.01 min

Lab File: BN013103.D

Acq: 12 Dec 2020 22:11

Tgt Ion:178	Resp:	77356
Ion Ratio	Lower	Upper
178	100	
179	27.1	14.6 21.8#
176	20.5	17.1 25.7





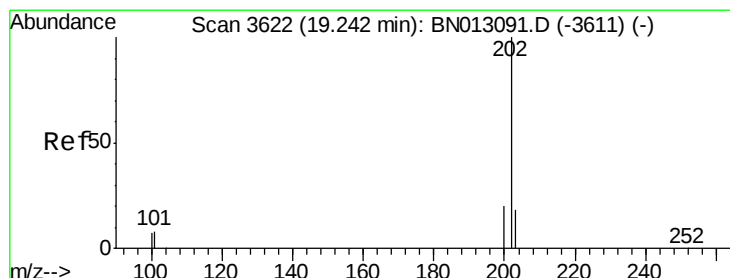
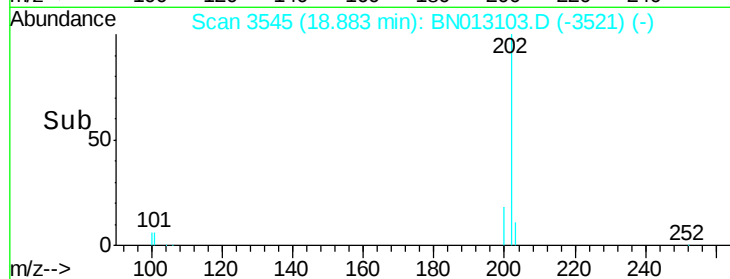
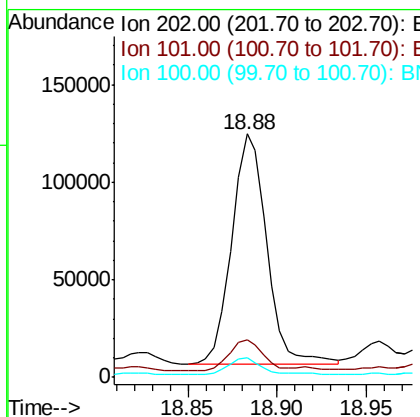
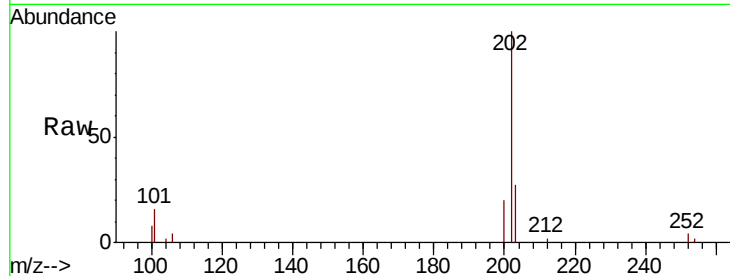
#15
Fluoranthene
Concen: 9.282 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BN013103.D
Acq: 12 Dec 2020 22:11

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.5	0.0	30.6
100	7.8	0.0	28.7

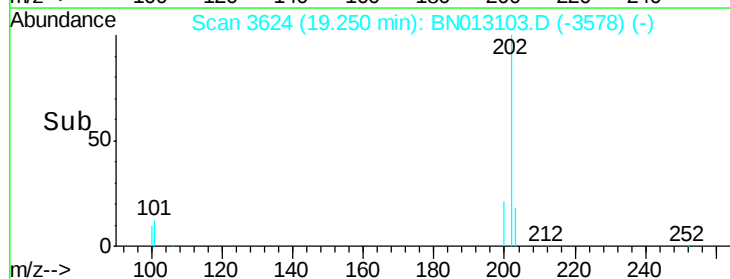
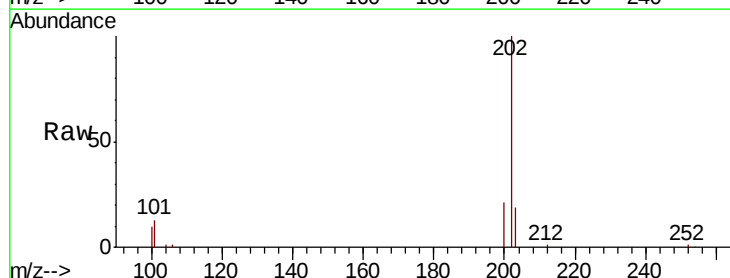
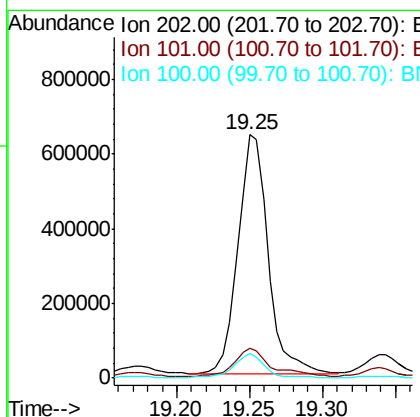
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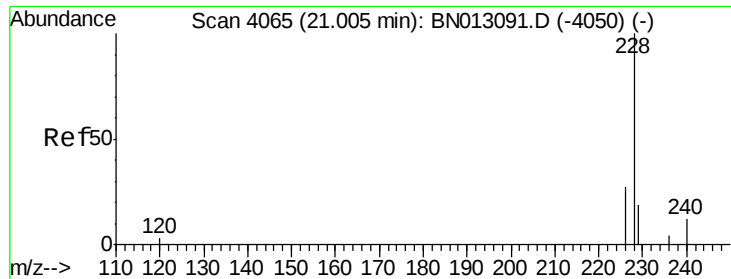
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#17
Pyrene
Concen: 22.005 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. 0.01 min
Lab File: BN013103.D
Acq: 12 Dec 2020 22:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	9.1	13.7
100	10.1	7.5	11.3





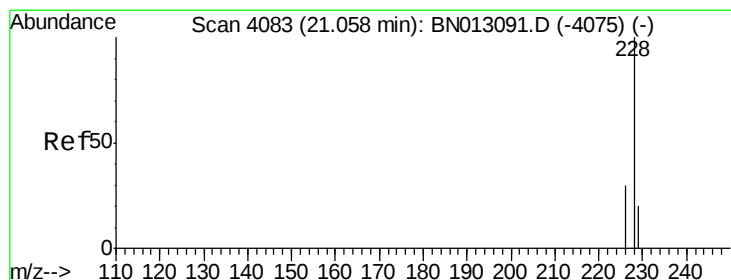
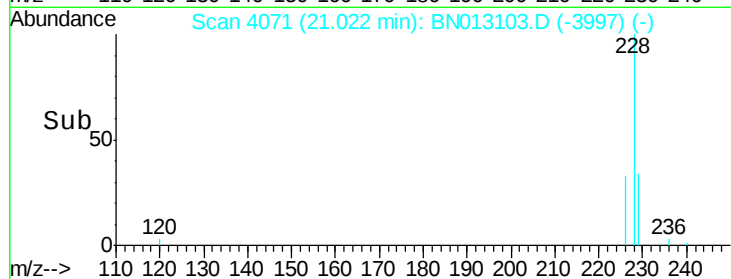
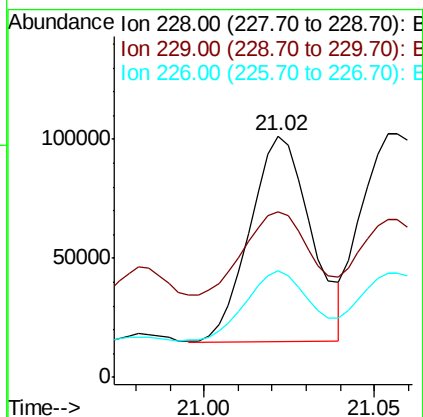
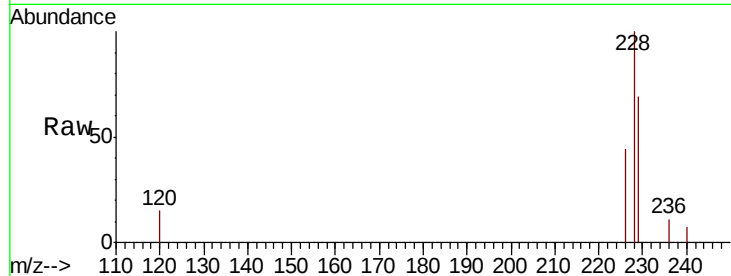
#18
Benzo(a)anthracene
Concen: 2.962 ng/ul
RT: 21.02 min Scan# 4071
Delta R.T. 0.02 min
Lab File: BN013103.D
Acq: 12 Dec 2020 22:11

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
228	100		
229	68.8	16.3	24.5#
226	44.1	23.4	35.2#

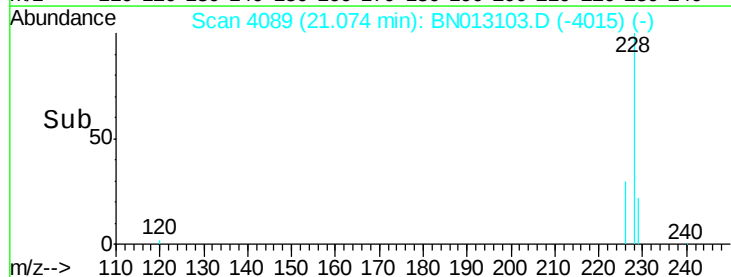
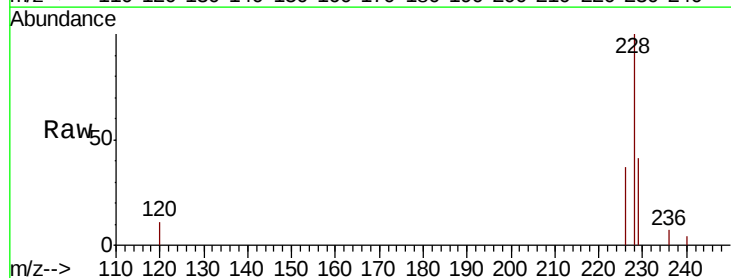
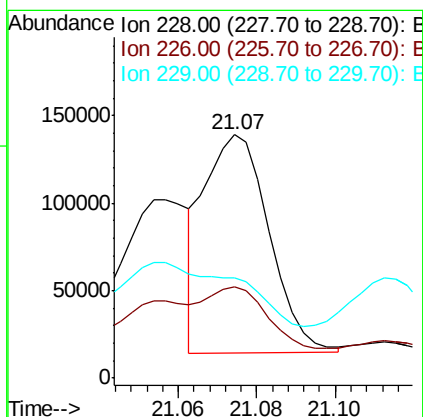
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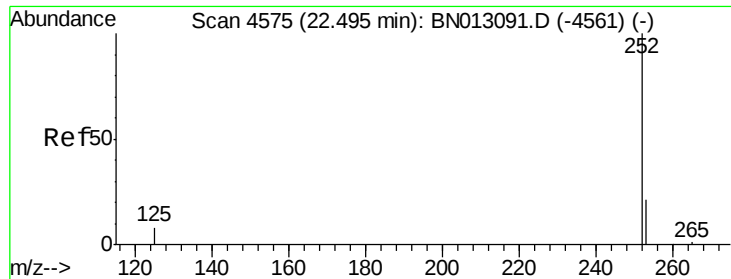
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#19
Chrysene
Concen: 3.532 ng/ul
RT: 21.07 min Scan# 4089
Delta R.T. 0.02 min
Lab File: BN013103.D
Acq: 12 Dec 2020 22:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.3	25.0	37.6
229	41.2	16.4	24.6#





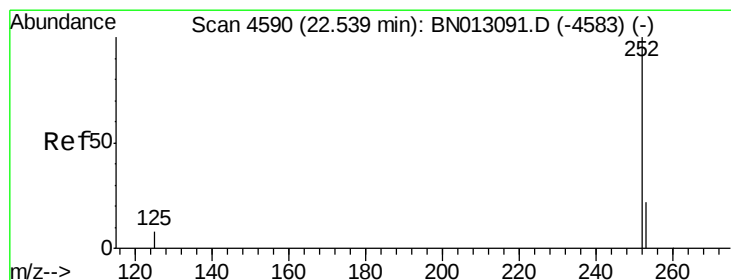
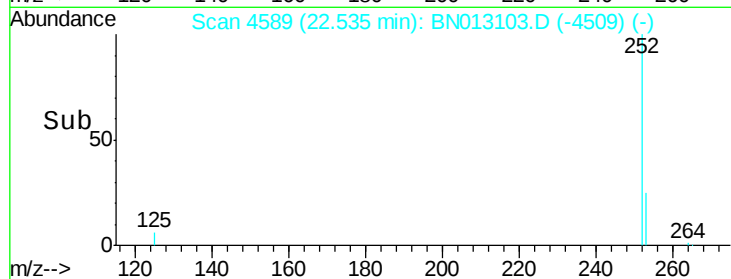
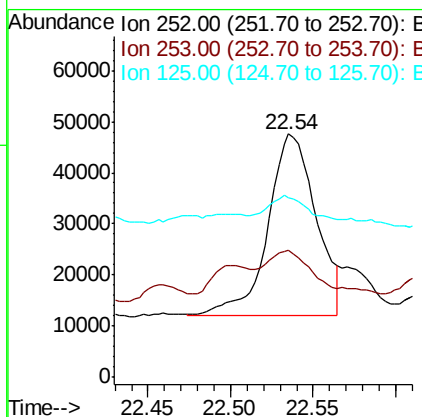
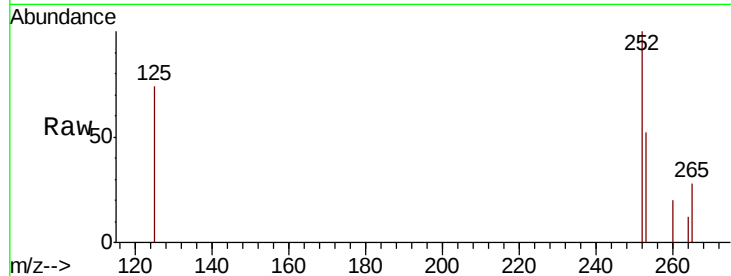
#21
Benzo(b)fluoranthene
Concen: 3.648 ng/ul m
RT: 22.54 min Scan# 4589
Delta R.T. 0.03 min
Lab File: BN013103.D
Acq: 12 Dec 2020 22:11

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
252	100		
253	52.1	0.0	59.6
125	73.6	0.0	26.0

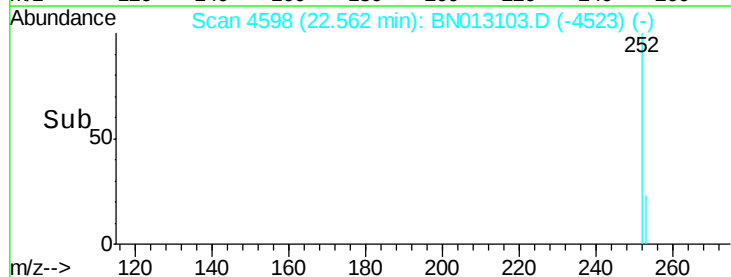
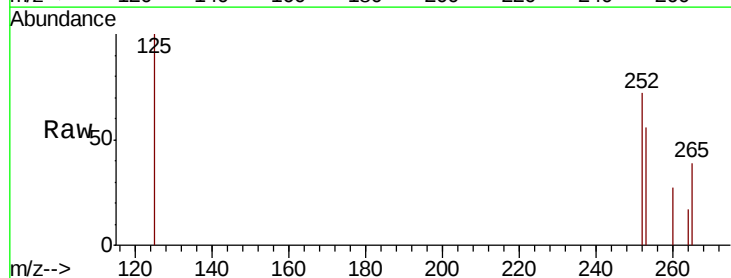
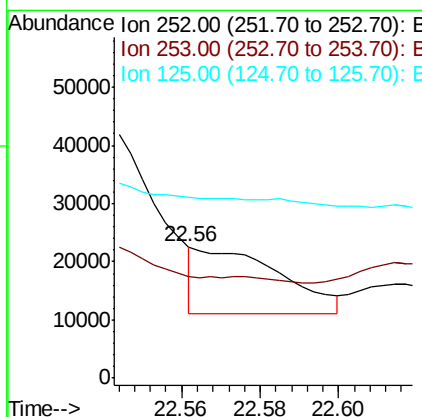
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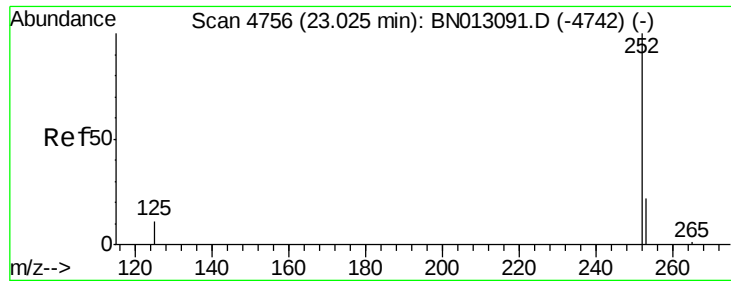
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#22
Benzo(k)fluoranthene
Concen: 0.789 ng/ul m
RT: 22.56 min Scan# 4598
Delta R.T. 0.02 min
Lab File: BN013103.D
Acq: 12 Dec 2020 22:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	77.8	23.4	35.2
125	138.2	11.1	16.7





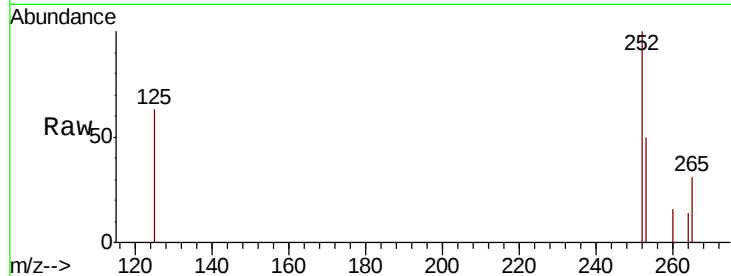
#23
Benzo(a)pyrene
Concen: 3.364 ng/uL
RT: 23.07 min Scan# 4772
Delta R.T. 0.04 min
Lab File: BN013103.D
Acq: 12 Dec 2020 22:11

Instrument :
BNA_N
ClientSampleID :
C0AE0

Tot Ion	Ratio	Lower	Upper
252	100		
253	49.8	26.5	39.7#
125	62.8	14.2	21.2#

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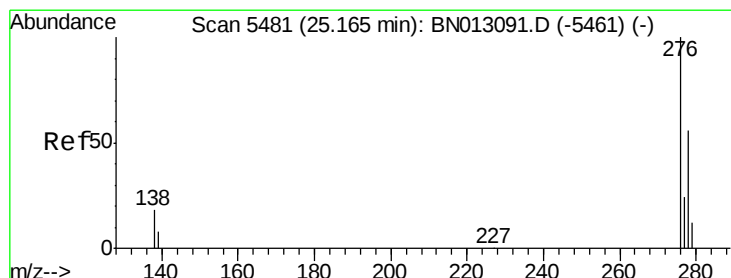
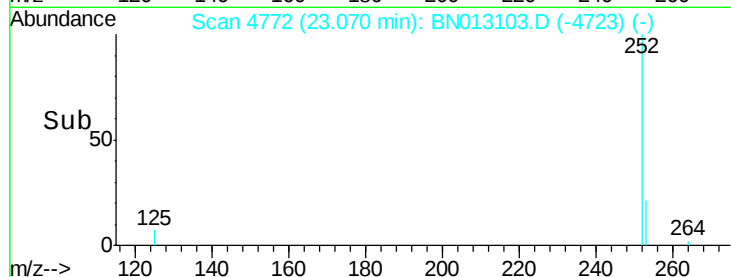
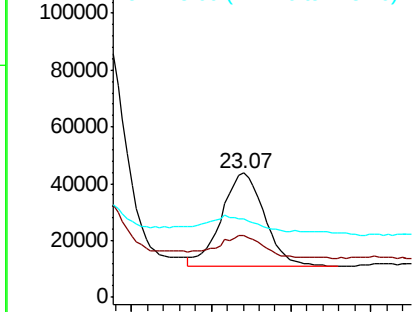


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.952 ng/uL
RT: 25.23 min Scan# 5501
Delta R.T. 0.06 min
Lab File: BN013103.D
Acq: 12 Dec 2020 22:11

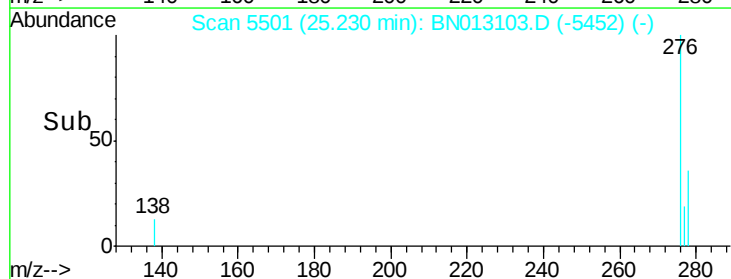
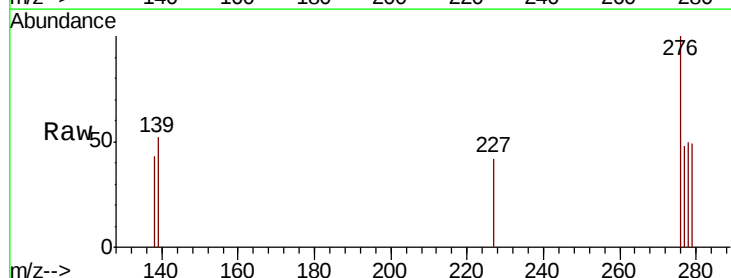
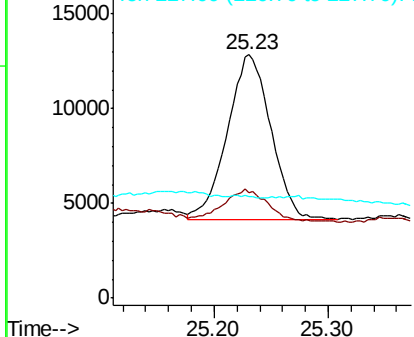
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.2	24.2
227	0.0	0.0	0.0

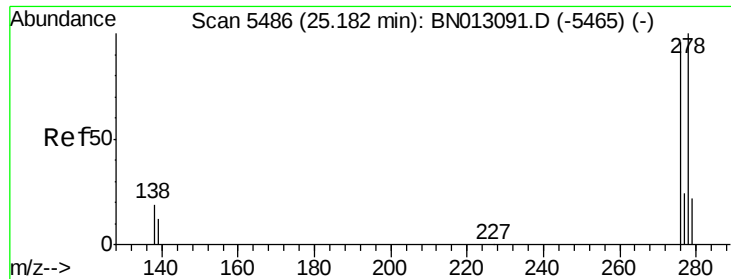
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





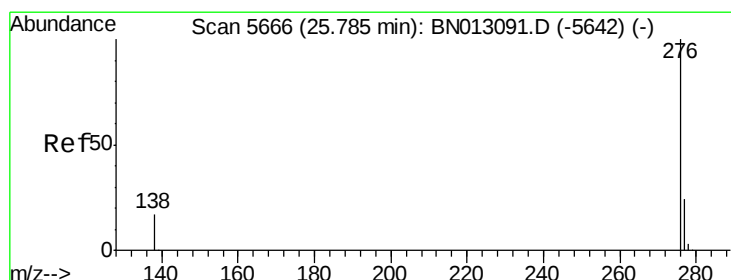
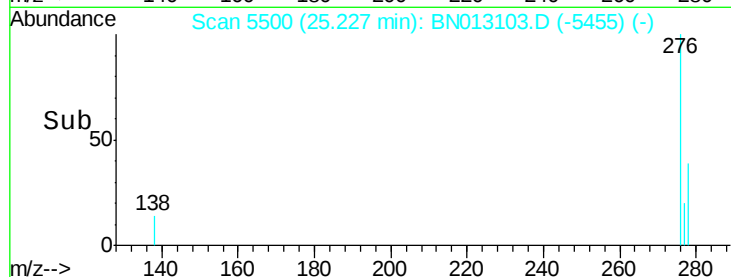
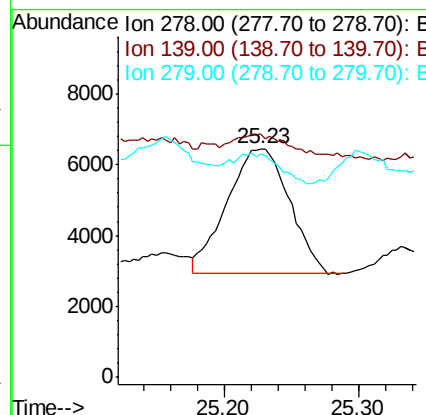
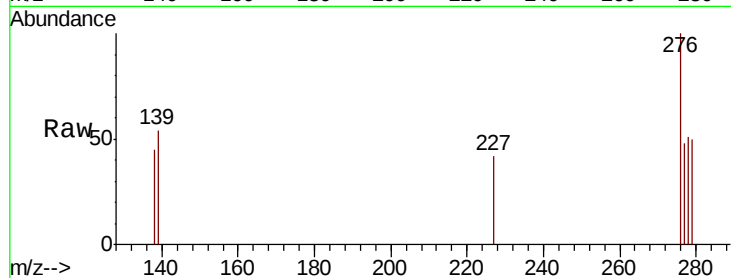
#25
Dibenzo(a,h)anthracene
Concen: 0.598 ng/u1
RT: 25.23 min Scan# 5500
Delta R.T. 0.05 min
Lab File: BN013103.D
Acq: 12 Dec 2020 22:11

Instrument :
BNA_N
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
278	100		
139	106.6	14.5	21.7#
279	97.9	26.3	39.5#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 1.771 ng/u1
RT: 25.87 min Scan# 5691
Delta R.T. 0.08 min
Lab File: BN013103.D
Acq: 12 Dec 2020 22:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	16.3	24.5#
277	39.7	21.8	32.6#

