

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013012.D
 Acq On : 09 Dec 2020 14:54
 Operator : CG/JU
 Sample : L4862-10
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BB5

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Quant Time: Dec 09 16:01:55 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 : Wed Dec 09 07:33:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1120	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	4491	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2834	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5757	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	3906	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	5159	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1311	0.20	ng/ul	-0.02
14) Fluoranthene-d10	18.85	212	2617	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	23099	1.778	ng/ul#	90
5) 2-Methylnaphthalene	11.82	142	17980	2.106	ng/ul	99
7) Acenaphthylene	13.76	152	41001	3.057	ng/ul	95
8) Acenaphthene	14.11	153	25404	2.309	ng/ul	97
9) Fluorene	15.11	166	30934	2.450	ng/ul	98
11) Pentachlorophenol	16.47	266	185	0.111	ng/ul	97
12) Phenanthrene	16.85	178	1323533	68.568	ng/ul	97
13) Anthracene	16.94	178	338306	20.594	ng/ul	94
15) Fluoranthene	18.89	202	1922285	83.805	ng/ul	99
17) Pyrene	19.26	202	1533511	83.119	ng/ul	99
18) Benzo(a)anthracene	21.02	228	847199	52.424	ng/ul	99
19) Chrysene	21.08	228	706030	39.542	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	719803m	30.159	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	301103m	11.414	ng/ul	
23) Benzo(a)pyrene	23.06	252	512818	23.156	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.21	276	275155	9.459	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.21	278	85307	3.708	ng/ul	97
26) Benzo(g,h,i)perylene	25.84	276	248106	9.429	ng/ul	96

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

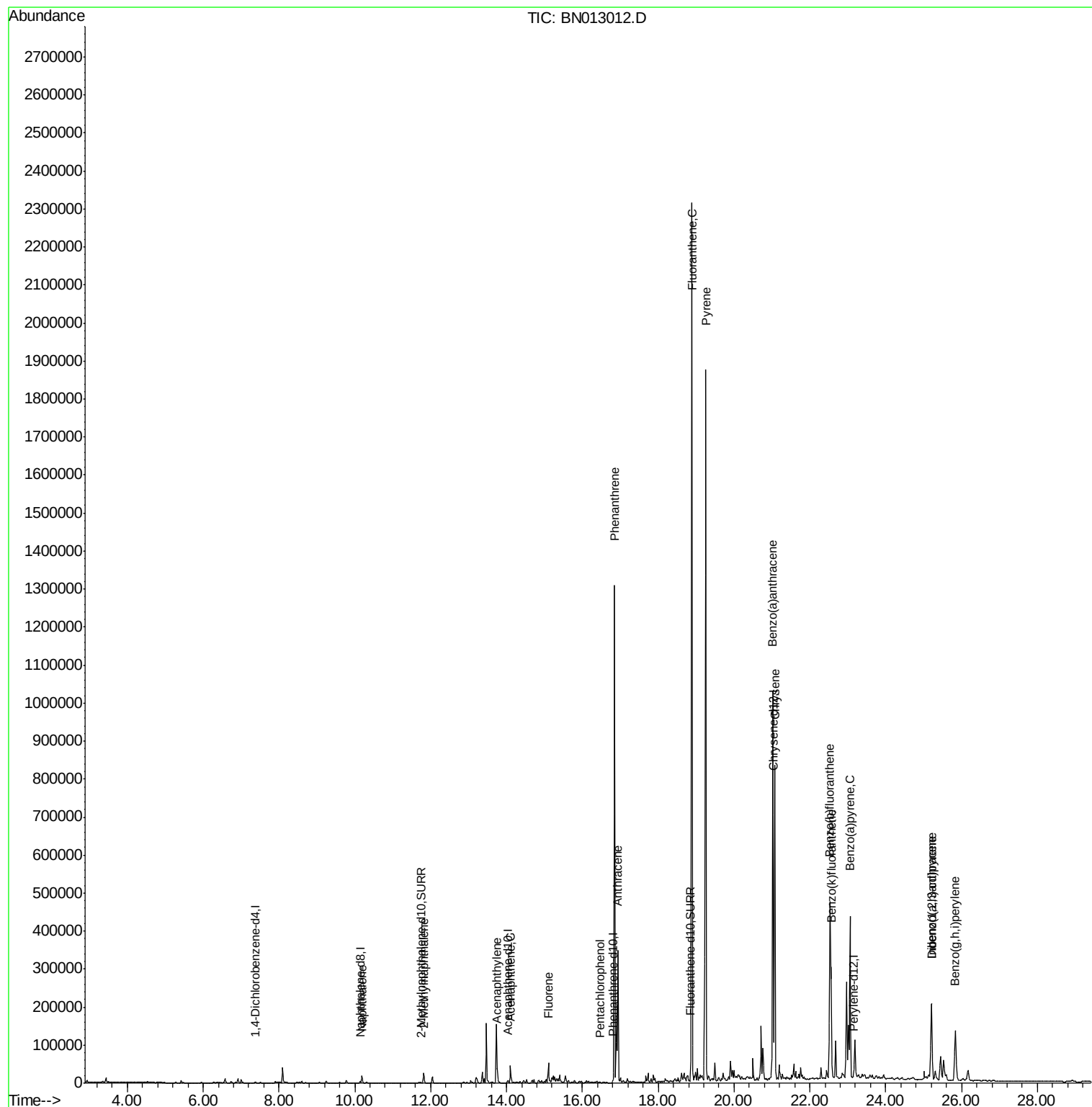
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013012.D
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ALS Vial : 82 Sample Multiplier: 1

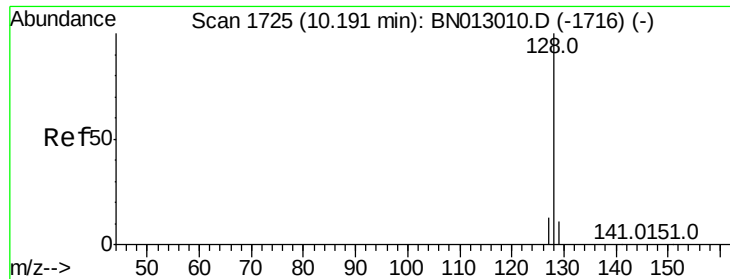
Instrument :
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Quant Time: Dec 09 16:01:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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#3

Naphthalene

Concen: 1.778 ng/ul

RT: 10.19 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Instrument :

BNA_N

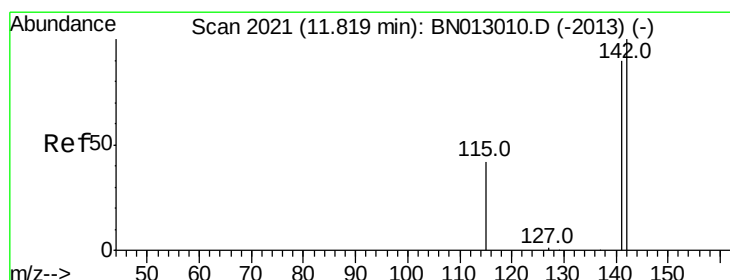
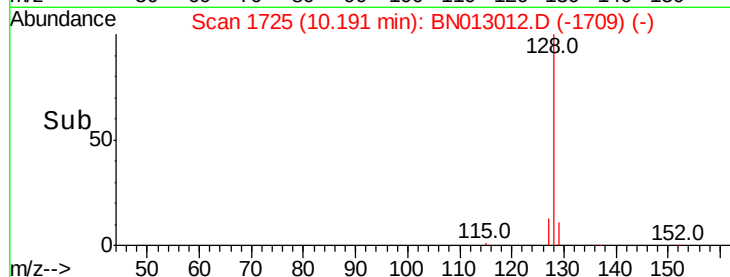
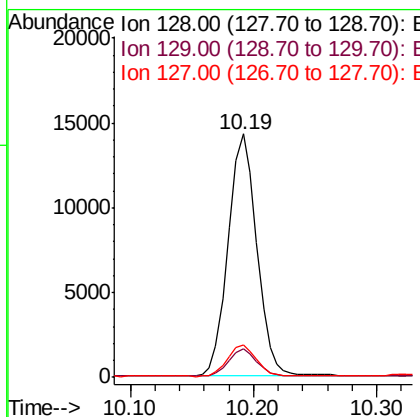
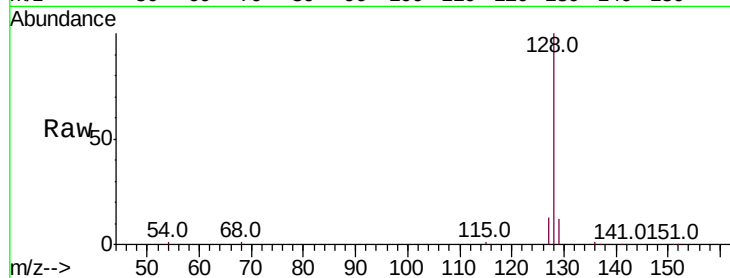
ClientSampleId :

C0BB5

Tot Ion:	128	Resp:	23099
Ion Ratio	Lower	Upper	
128	100		
129	11.6	12.3	18.5#
127	13.4	14.2	21.4#

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#5

2-Methylnaphthalene

Concen: 2.106 ng/ul

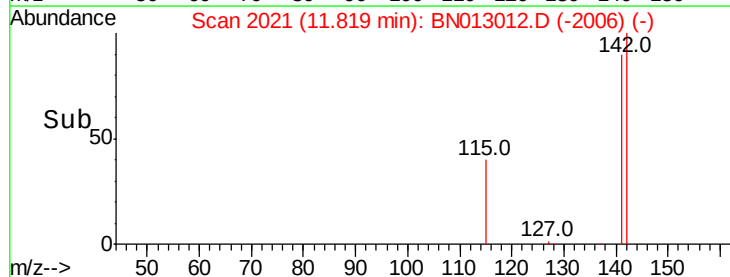
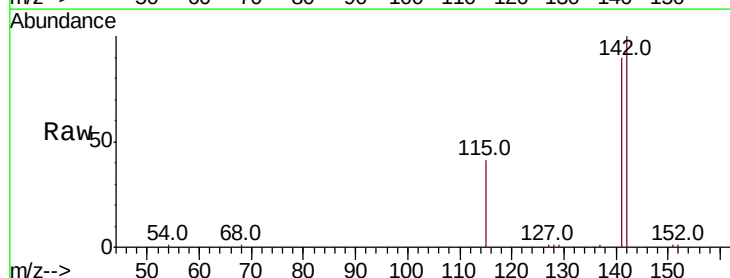
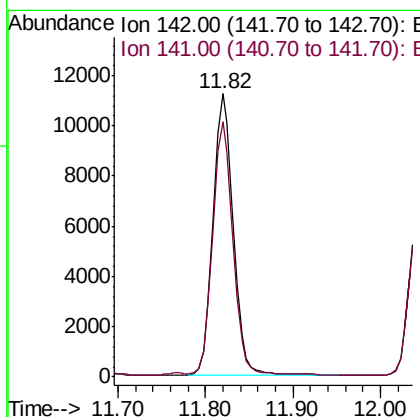
RT: 11.82 min Scan# 2021

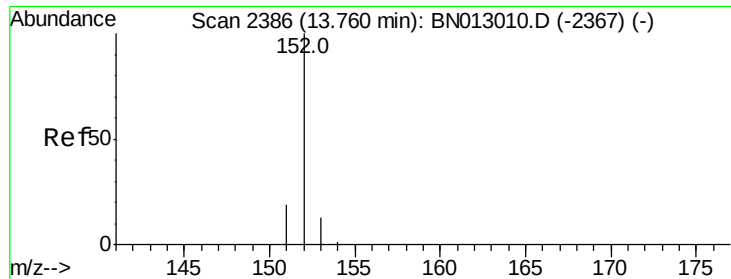
Delta R.T. -0.02 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Tgt Ion:	142	Resp:	17980
Ion Ratio	Lower	Upper	
142	100		
141	90.4	73.0	109.6





#7

Acenaphthylene

Concen: 3.057 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Instrument :

BNA_N

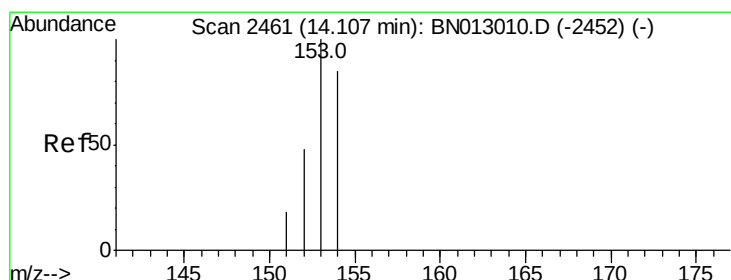
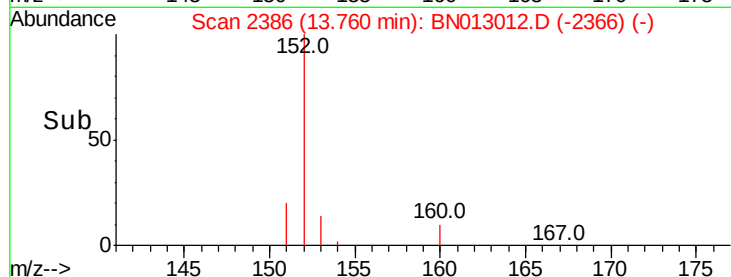
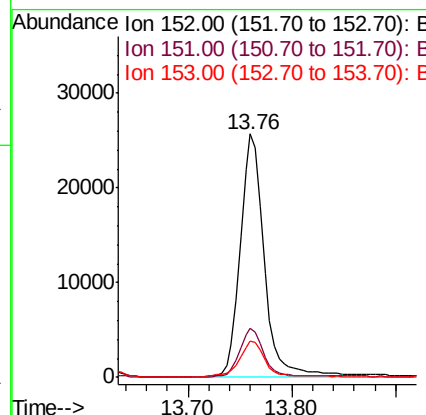
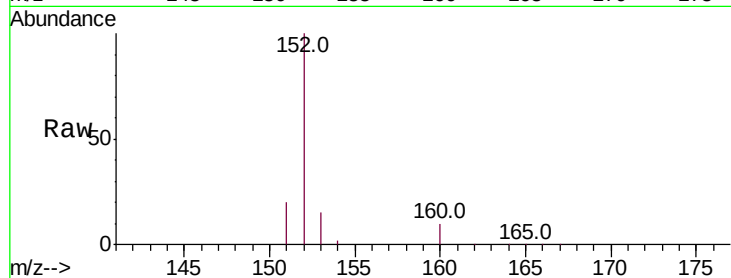
ClientSampleId :

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Tot Ion:	152	Resp:	41001
Ion Ratio	Lower	Upper	
152	100		
151	20.2	18.2	27.4
153	14.7	13.1	19.7

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#8

Acenaphthene

Concen: 2.309 ng/ul

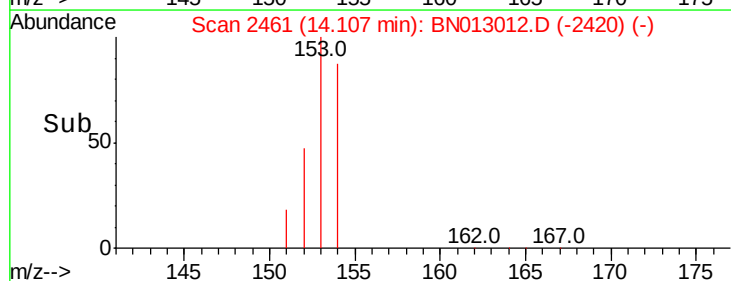
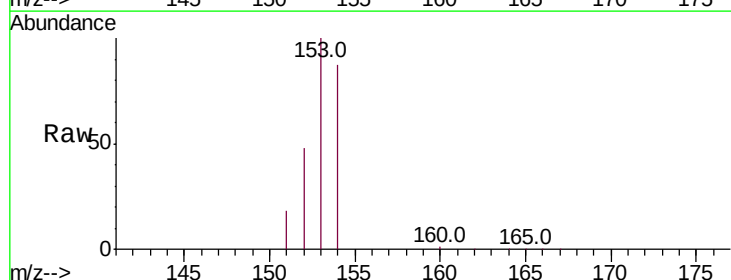
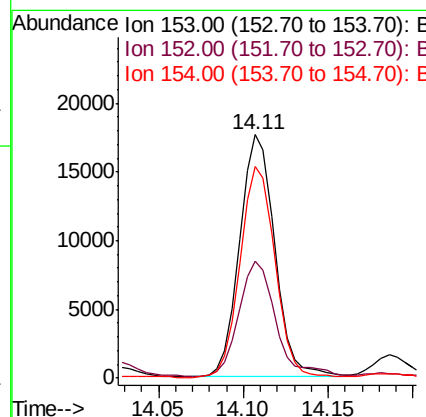
RT: 14.11 min Scan# 2461

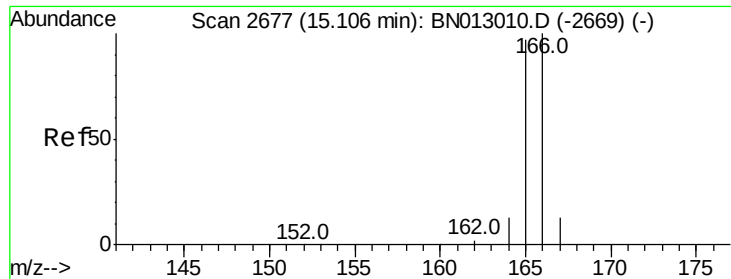
Delta R.T. -0.01 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Tgt Ion:	153	Resp:	25404
Ion Ratio	Lower	Upper	
153	100		
152	48.0	40.7	61.1
154	86.9	70.8	106.2





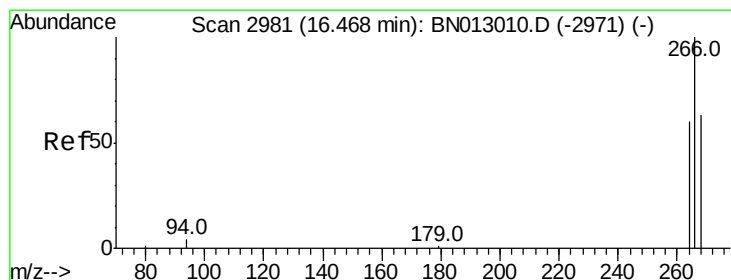
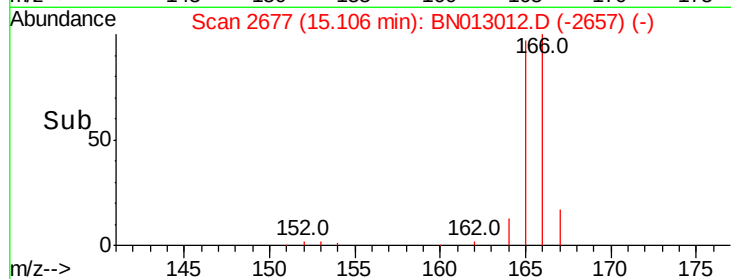
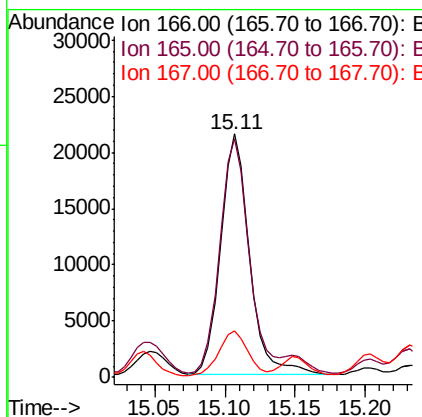
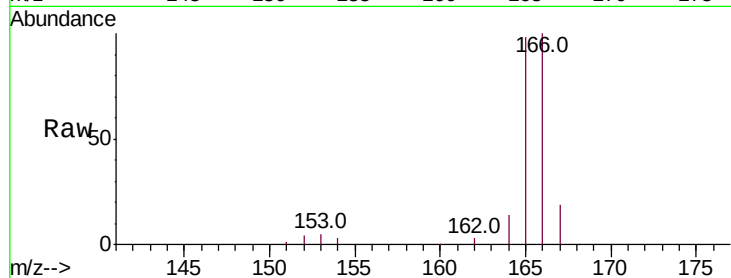
#9
Fluorene
 Concen: 2.450 ng/ul
 RT: 15.11 min Scan# 2677
 Delta R.T. -0.01 min
 Lab File: BN013012.D
 Acq: 09 Dec 2020 14:54

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:	166	Resp:	30934
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.8	119.8
167	19.0	13.8	20.8

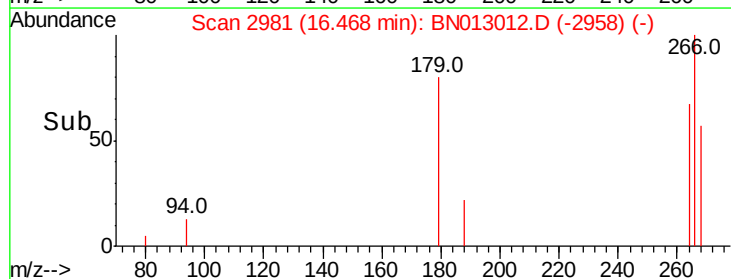
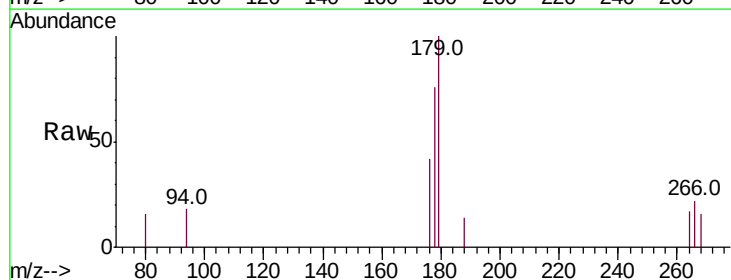
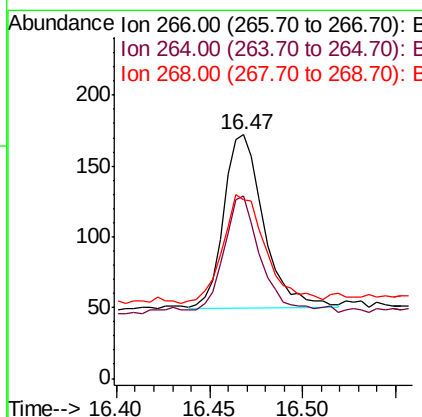
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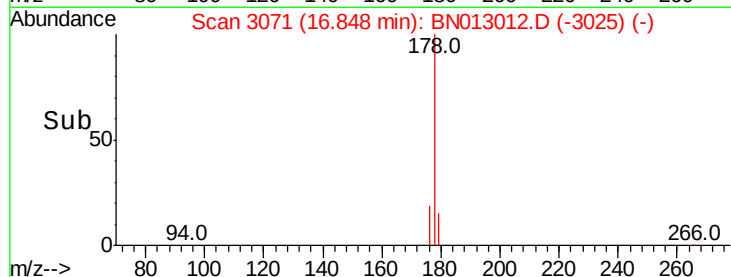
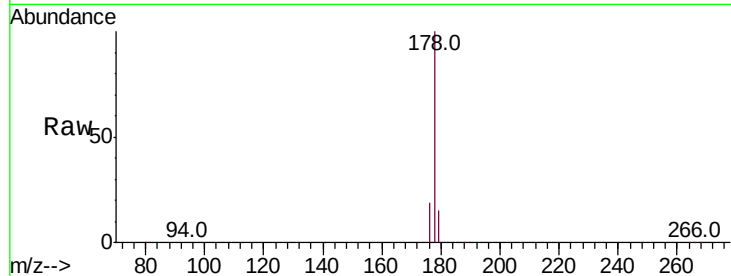
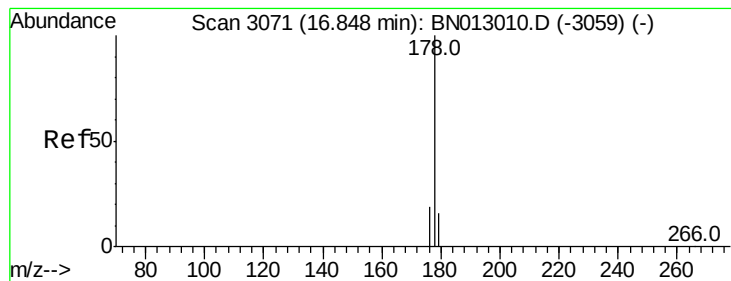
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#11
Pentachlorophenol
 Concen: 0.111 ng/ul
 RT: 16.47 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BN013012.D
 Acq: 09 Dec 2020 14:54

Tgt Ion:	266	Resp:	185
Ion Ratio	Lower	Upper	
266	100		
264	62.2	51.5	77.3
268	67.6	56.0	84.0





#12

Phenanthrene

Concen: 68.568 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Tot Ion:178 Resp: 1323533

Ion Ratio Lower Upper

178 100

179 15.3 13.6 20.4

176 19.1 16.4 24.6

Instrument :

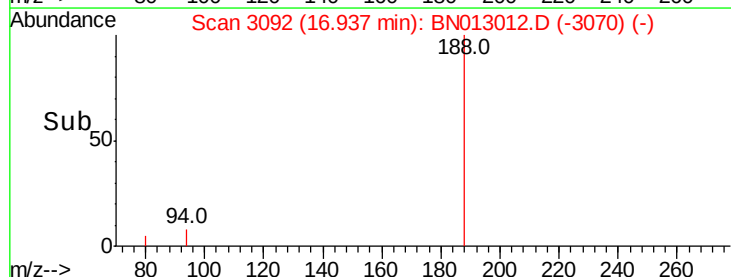
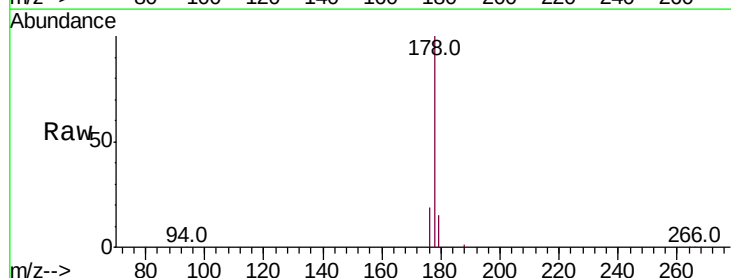
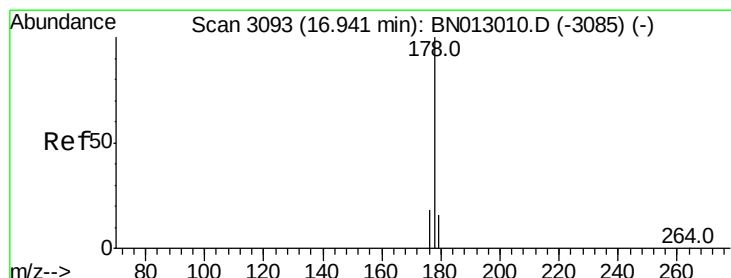
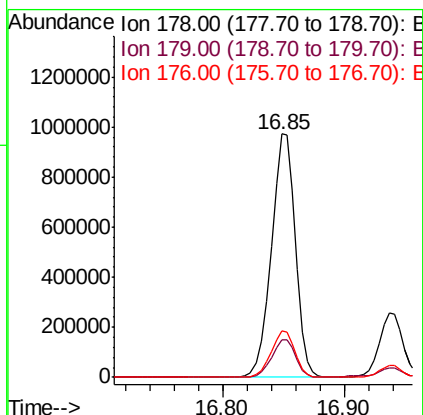
BNA_N

ClientSampleId :

C0BB5

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#13

Anthracene

Concen: 20.594 ng/ul

RT: 16.94 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

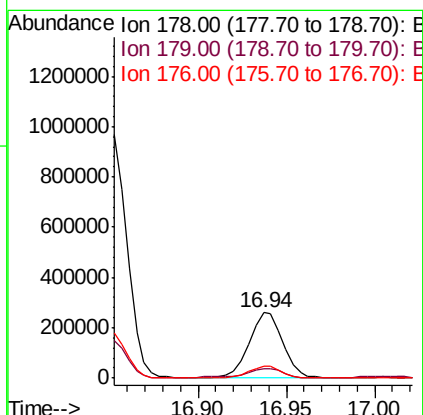
Tgt Ion:178 Resp: 338306

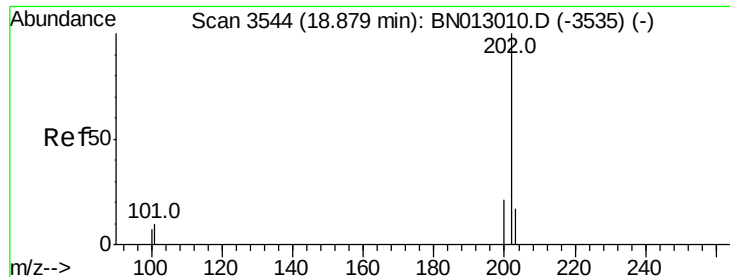
Ion Ratio Lower Upper

178 100

179 15.3 14.6 21.8

176 18.5 17.1 25.7





#15

Fluoranthene

Concen: 83.805 ng/ul

RT: 18.89 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Instrument :

BNA_N

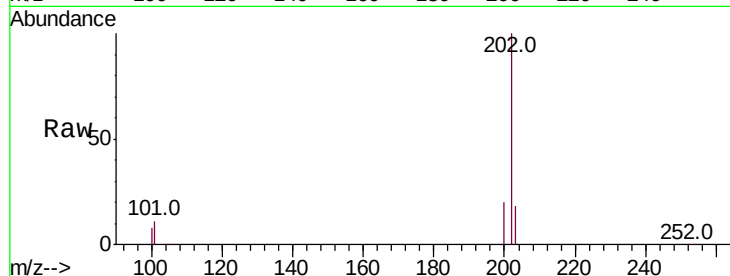
ClientSampleId :

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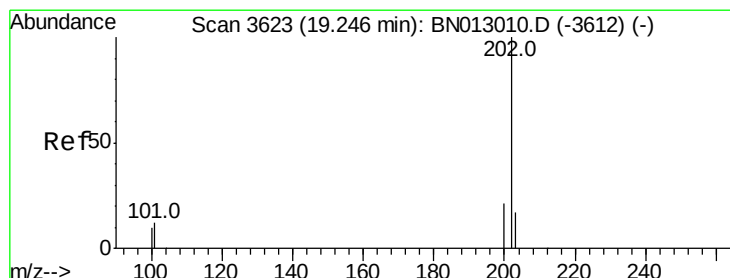
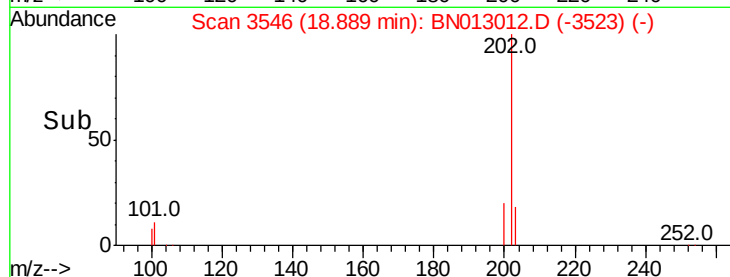
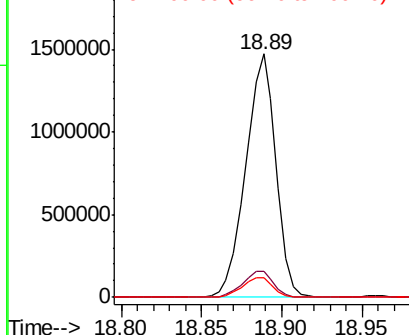
Tot Ion:	202	Resp:	1922285
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	30.6
100	8.0	0.0	28.7

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 83.119 ng/ul

RT: 19.26 min Scan# 3625

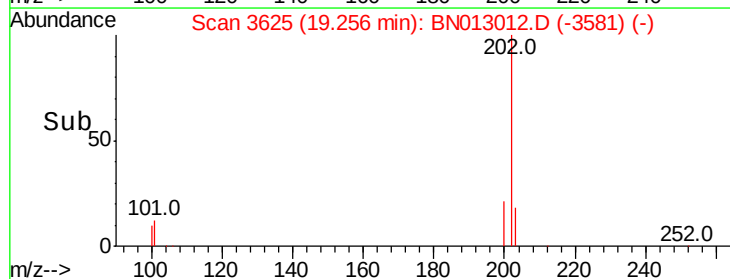
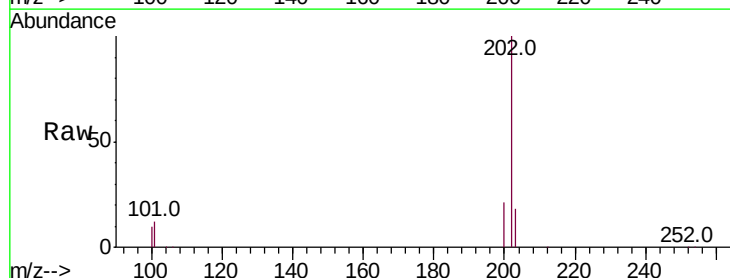
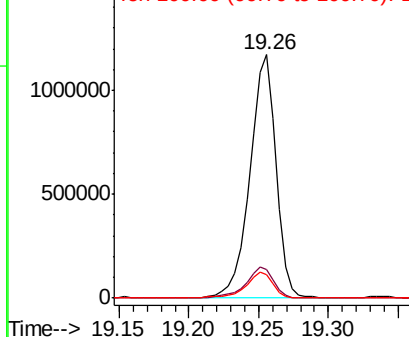
Delta R.T. 0.00 min

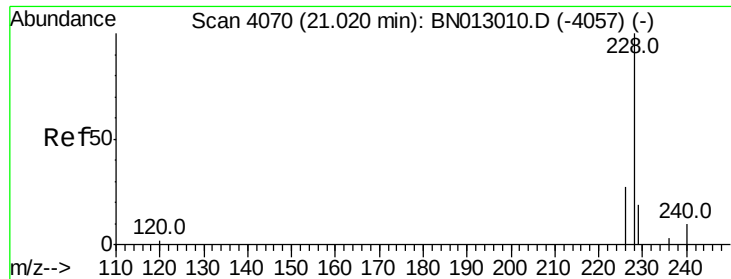
Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Tgt Ion:	202	Resp:	1533511
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.1	13.7
100	9.6	7.5	11.3

Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 52.424 ng/ul

RT: 21.02 min Scan# 4071

Delta R.T. 0.00 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Instrument :

BNA_N

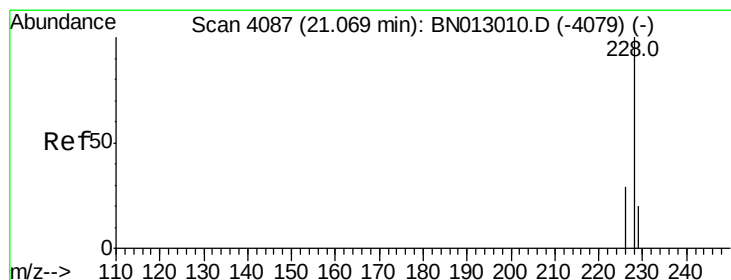
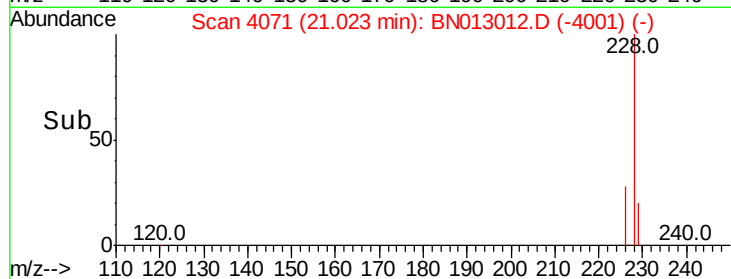
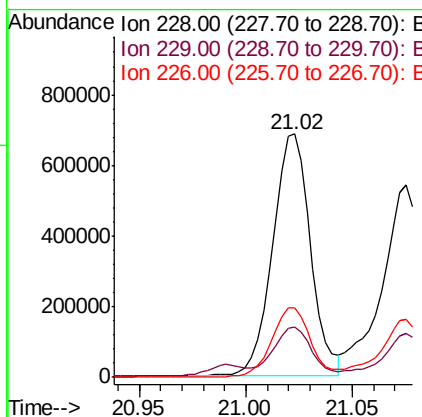
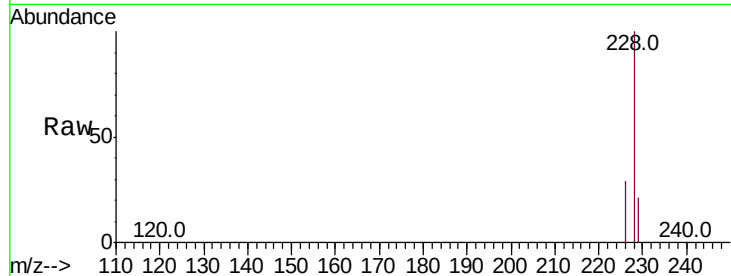
ClientSampleId :

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Tot Ion:228	Resp:	847199
Ion Ratio	Lower	Upper
228	100	
229	20.5	16.3 24.5
226	28.5	23.4 35.2

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#19

Chrysene

Concen: 39.542 ng/ul

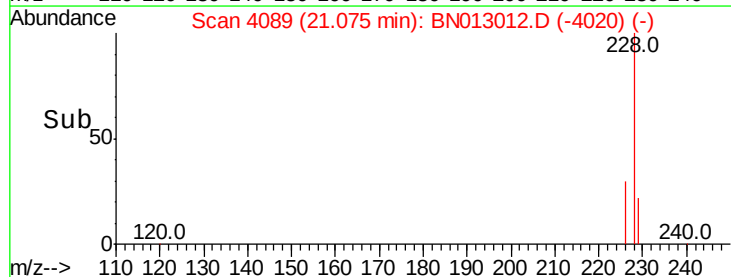
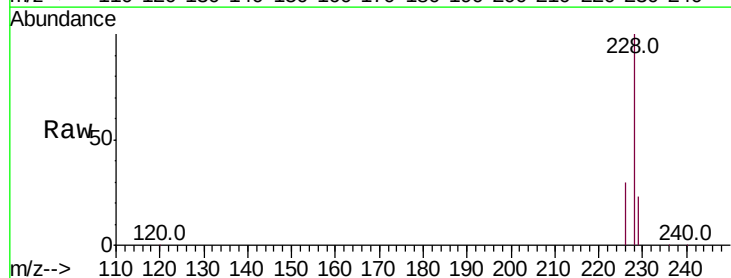
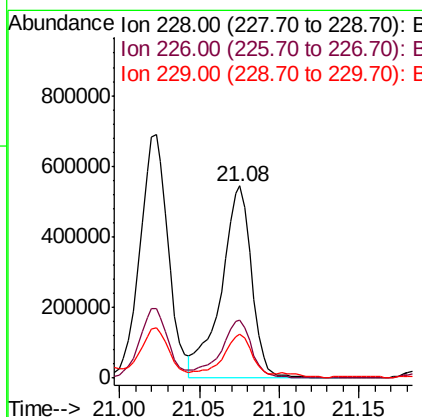
RT: 21.08 min Scan# 4089

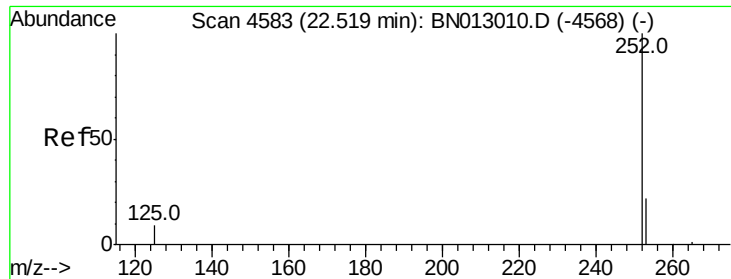
Delta R.T. 0.00 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Tgt Ion:228	Resp:	706030
Ion Ratio	Lower	Upper
228	100	
226	30.3	25.0 37.6
229	22.9	16.4 24.6





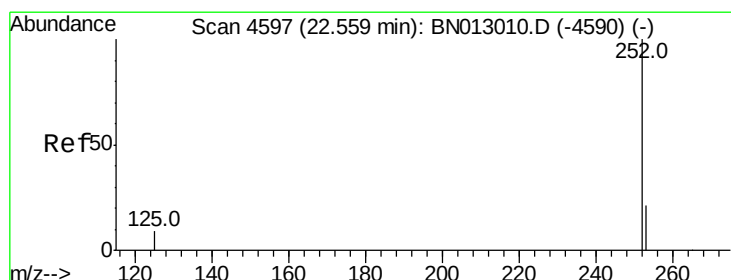
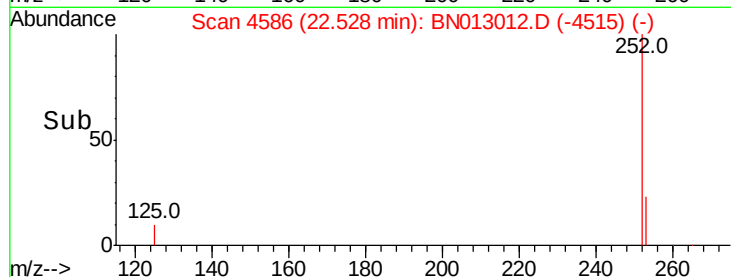
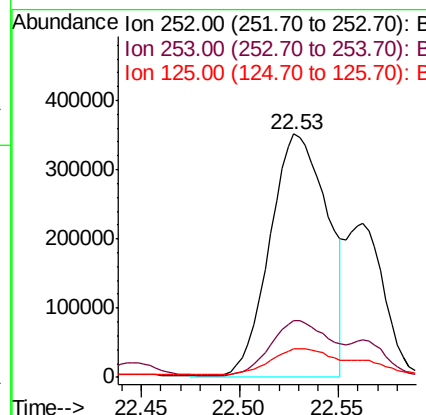
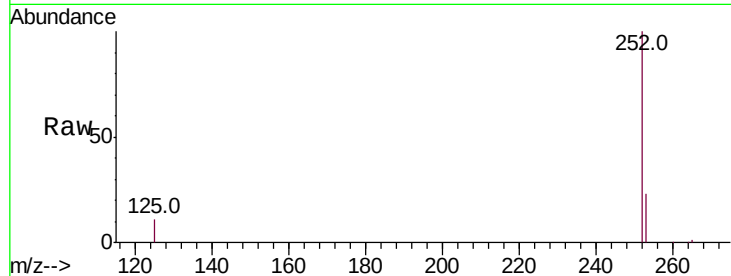
#21
Benzo(b)fluoranthene
Concen: 30.159 ng/ul m
RT: 22.53 min Scan# 4586
Delta R.T. 0.01 min
Lab File: BN013012.D
Acq: 09 Dec 2020 14:54

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	59.6
125	11.5	0.0	26.0

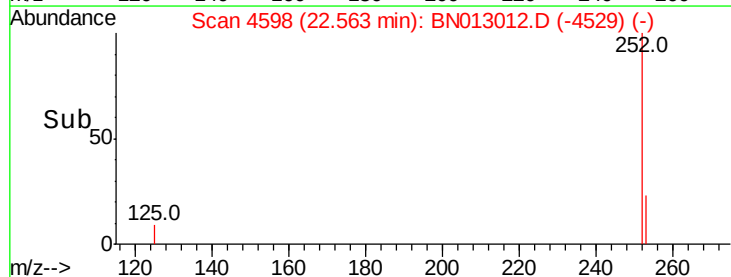
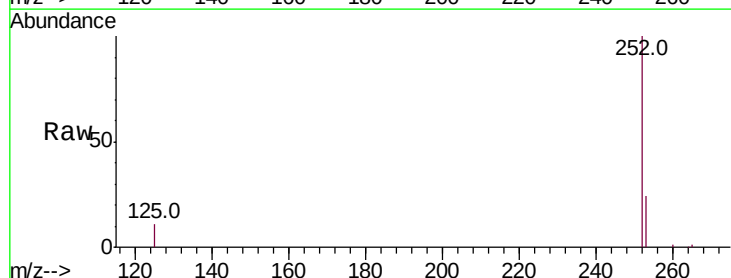
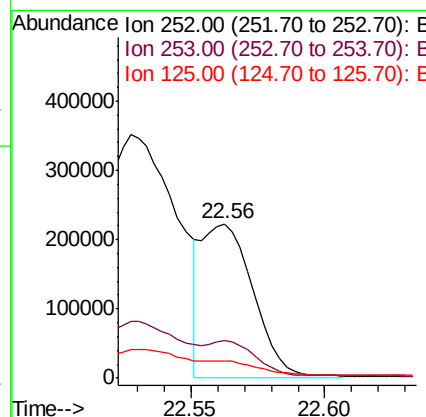
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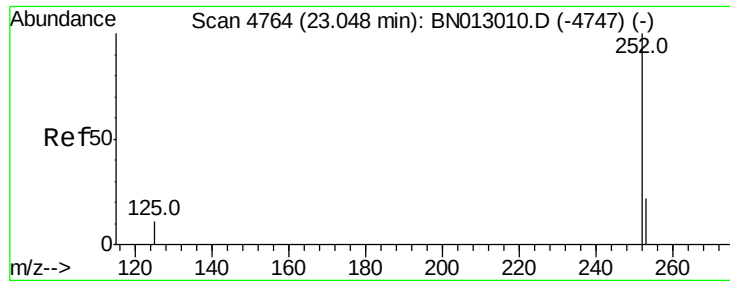
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12/9/2020 5:39:38 PM



#22
Benzo(k)fluoranthene
Concen: 11.414 ng/ul m
RT: 22.56 min Scan# 4598
Delta R.T. 0.00 min
Lab File: BN013012.D
Acq: 09 Dec 2020 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	23.4	35.2
125	11.2	11.1	16.7





#23

Benzo(a)pyrene

Concen: 23.156 ng/ul

RT: 23.06 min Scan# 4767

Delta R.T. 0.01 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Instrument :

BNA_N

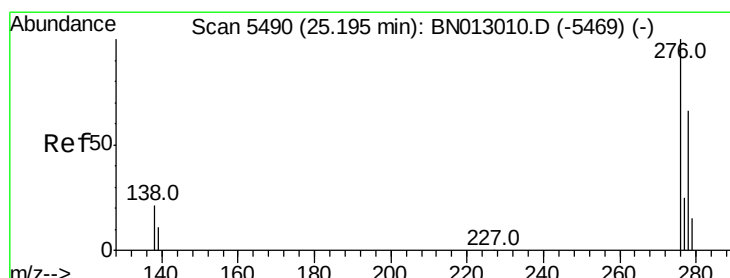
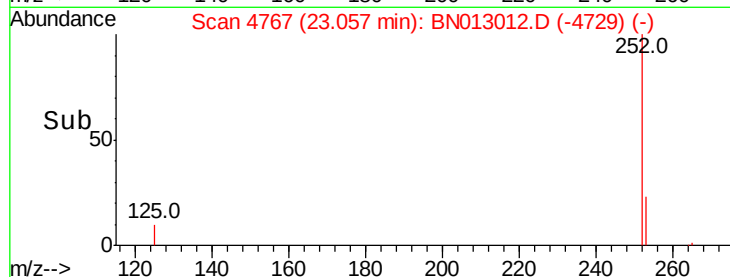
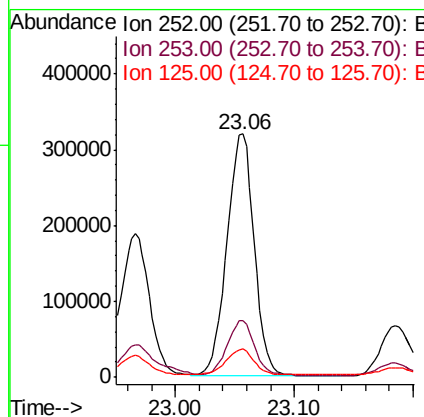
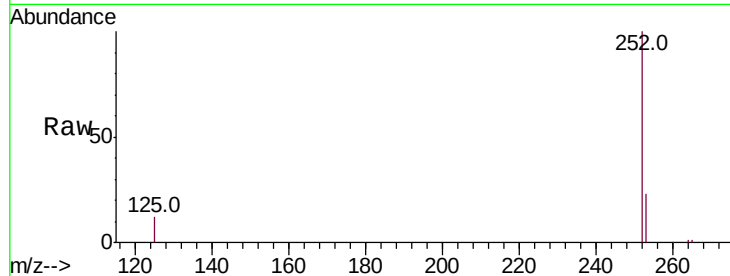
ClientSampleId :

C0BB5

Tot Ion:	252	Resp:	512818
Ion Ratio	Lower	Upper	
252	100		
253	23.4	26.5	39.7#
125	11.5	14.2	21.2#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 9.459 ng/ul

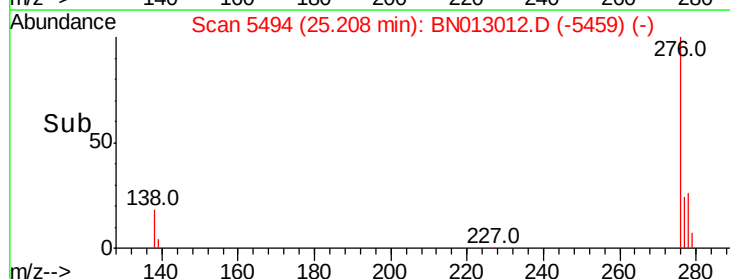
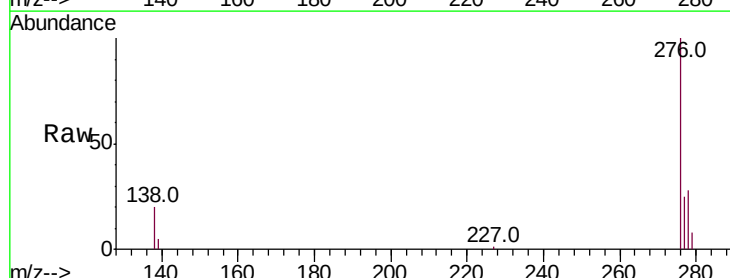
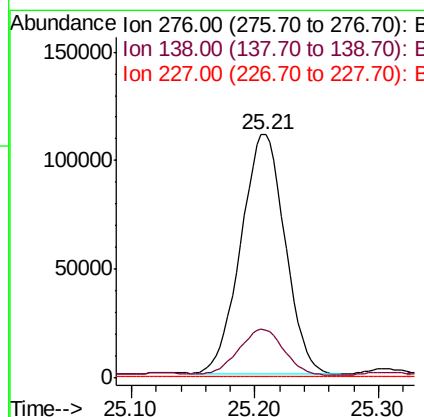
RT: 25.21 min Scan# 5494

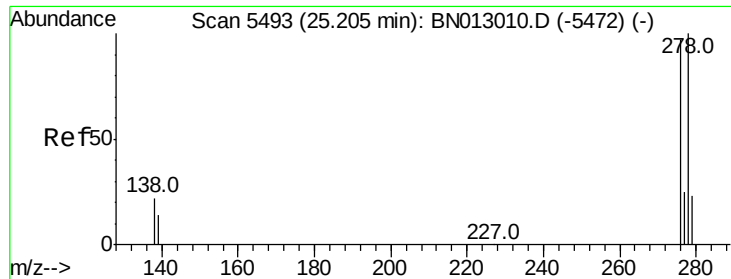
Delta R.T. 0.02 min

Lab File: BN013012.D

Acq: 09 Dec 2020 14:54

Tgt Ion:	276	Resp:	275155
Ion Ratio	Lower	Upper	
276	100		
138	19.5	16.2	24.2
227	0.3	0.0	0.0#





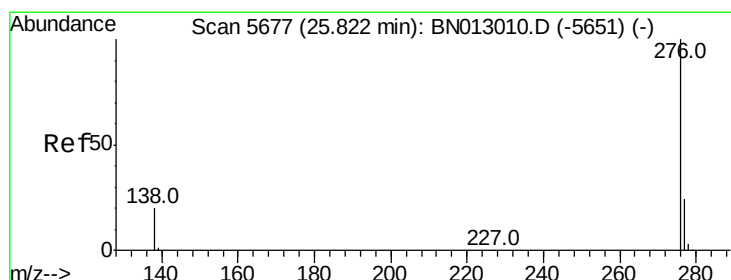
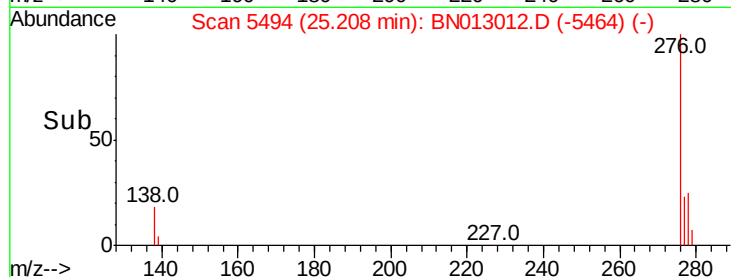
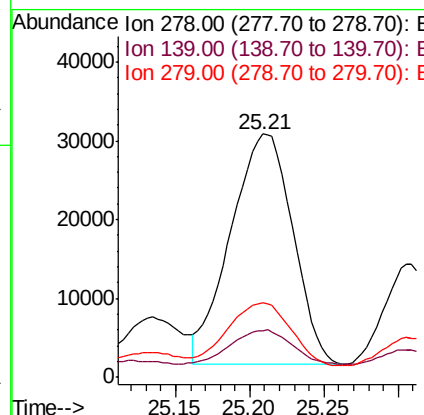
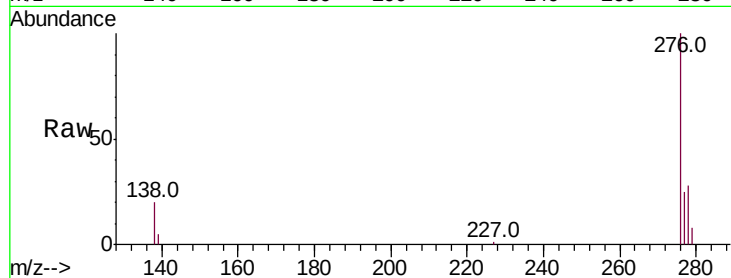
#25
Dibenzo(a,h)anthracene
Concen: 3.708 ng/ul
RT: 25.21 min Scan# 5494
Delta R.T. 0.00 min
Lab File: BN013012.D
Acq: 09 Dec 2020 14:54

Instrument :
BNA_N
ClientSampleId :
C0BB5

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.5	21.7
279	30.8	26.3	39.5

Manual Integrations
APPROVED

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12/9/2020 5:39:38 PM



#26
Benzo(g,h,i)perylene
Concen: 9.429 ng/ul
RT: 25.84 min Scan# 5682
Delta R.T. 0.02 min
Lab File: BN013012.D
Acq: 09 Dec 2020 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.3	24.5
277	24.3	21.8	32.6

