

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013019.D
 Acq On : 09 Dec 2020 19:32
 Operator : CG/JU
 Sample : L4941-04
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY1

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Quant Time: Dec 10 01:14:45 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 10 00:40:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	881	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	3524	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2017	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4121m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3041	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	2771	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1175	0.22	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2405	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	447	0.044	ng/ul#	77
5) 2-Methylnaphthalene	11.82	142	291	0.043	ng/ul	99
7) Acenaphthylene	13.76	152	376	0.039	ng/ul#	70
8) Acenaphthene	14.11	153	180	0.023	ng/ul#	91
9) Fluorene	15.11	166	238	0.026	ng/ul#	90
12) Phenanthrene	16.84	178	6704	0.485	ng/ul	99
13) Anthracene	16.94	178	764	0.065	ng/ul#	86
15) Fluoranthene	18.88	202	21174	1.290	ng/ul	99
17) Pyrene	19.25	202	18520	1.289	ng/ul	99
18) Benzo(a)anthracene	21.01	228	7845	0.624	ng/ul	100
19) Chrysene	21.07	228	11327	0.815	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	14682m	1.145	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	5651m	0.399	ng/ul	
23) Benzo(a)pyrene	23.04	252	8550	0.719	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.18	276	6296	0.403	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.19	278	1492	0.121	ng/ul#	62
26) Benzo(a,h,i)perylene	25.82	276	5490	0.388	ng/ul	96

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

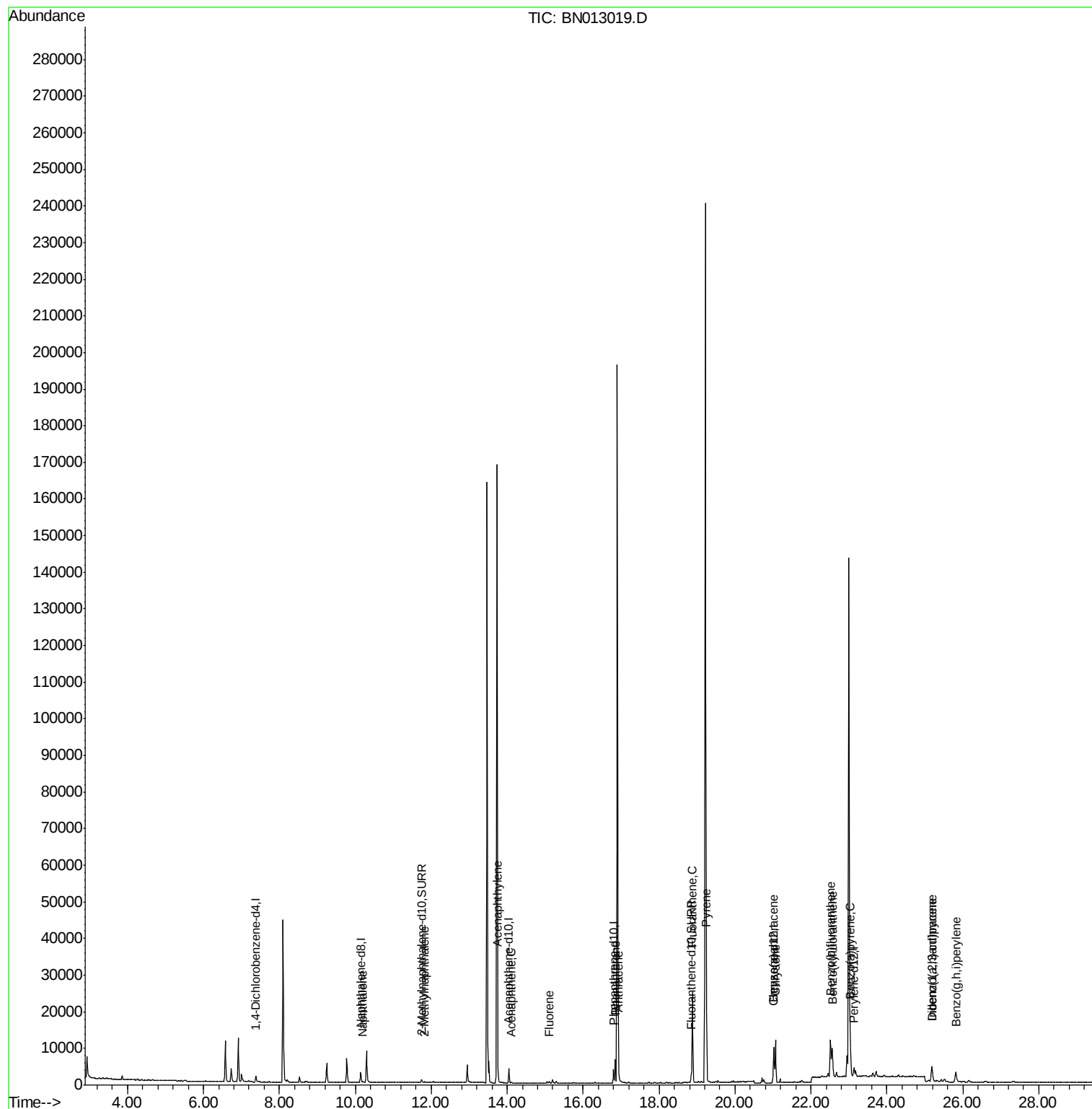
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013019.D
Acq On : 09 Dec 2020 19:32
Operator : CG/JU
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ALS Vial : 89 Sample Multiplier: 1

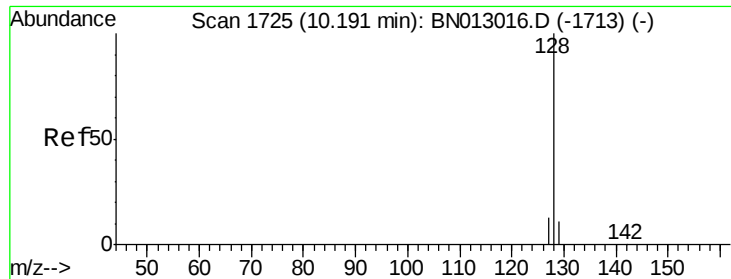
Instrument :
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Quant Time: Dec 10 01:14:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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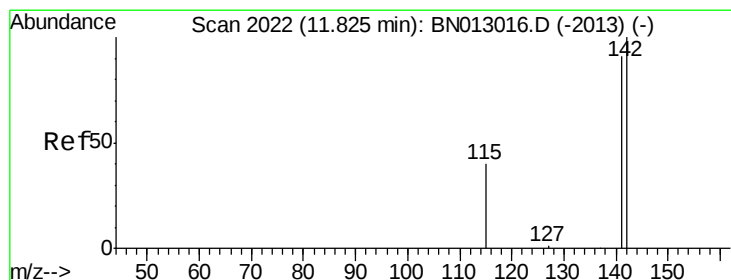
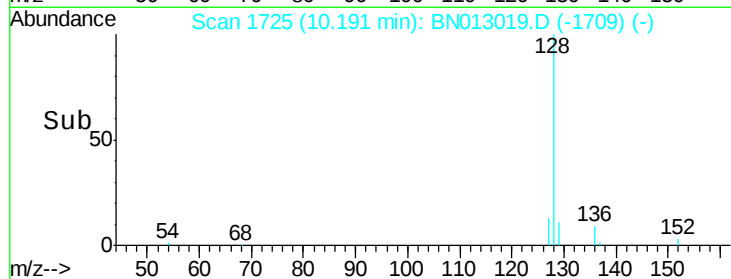
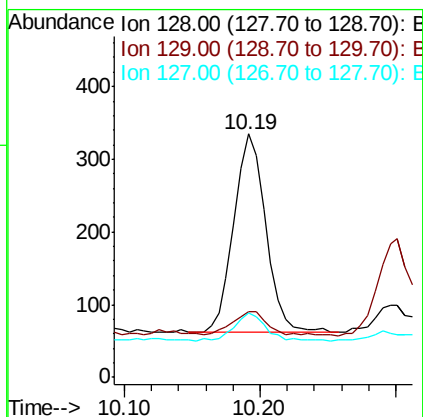
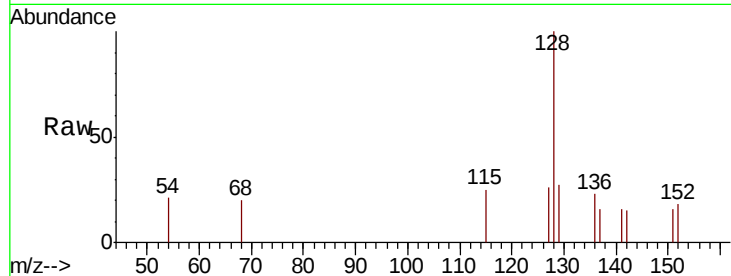
#3
Naphthalene
Concen: 0.044 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013019.D
Acq: 09 Dec 2020 19:32

Instrument :
BNA_N
ClientSampleId :
C0AY1

Tot Ion	Ratio	Lower	Upper
128	100		
129	26.9	12.3	18.5#
127	26.3	14.2	21.4#

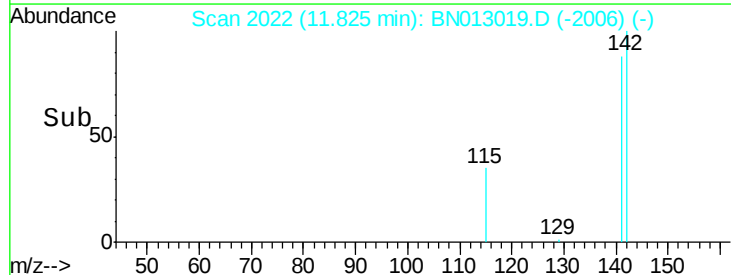
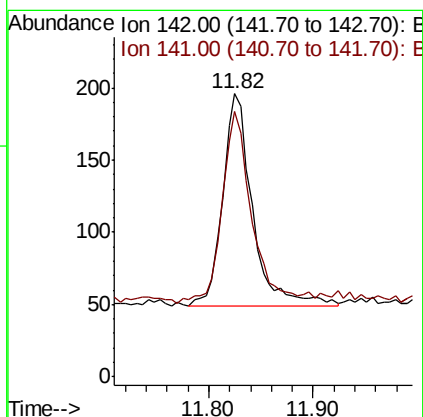
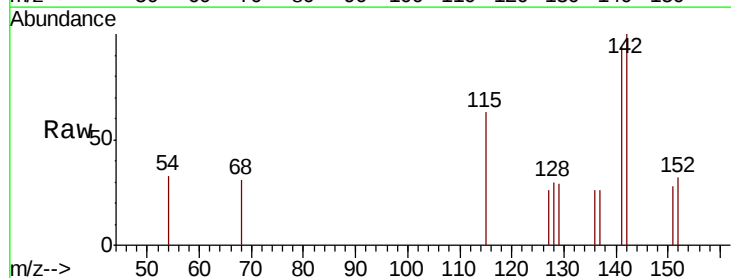
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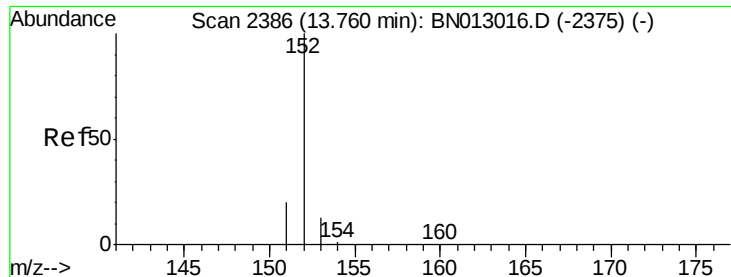
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#5
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013019.D
Acq: 09 Dec 2020 19:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.0	109.6





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013019.D

Acq: 09 Dec 2020 19:32

Instrument :

BNA_N

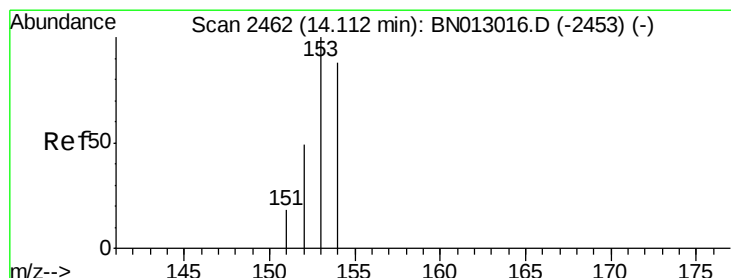
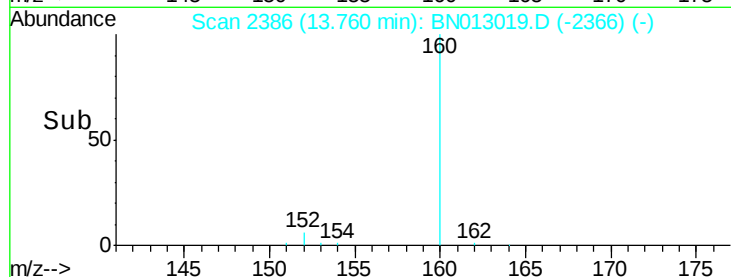
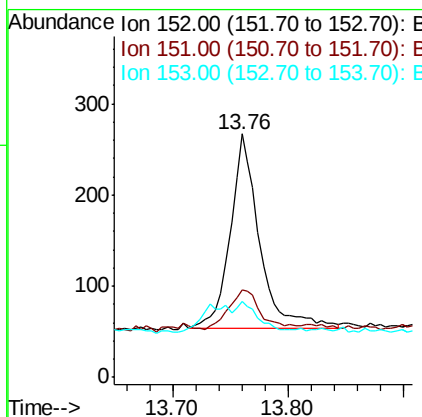
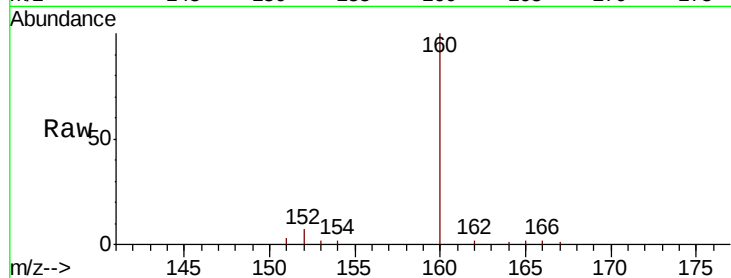
ClientSampleId :

C0AY1

Tot Ion:	152	Resp:	376
Ion Ratio	Lower	Upper	
152	100		
151	36.0	18.2	27.4#
153	31.1	13.1	19.7#

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#8

Acenaphthene

Concen: 0.023 ng/ul

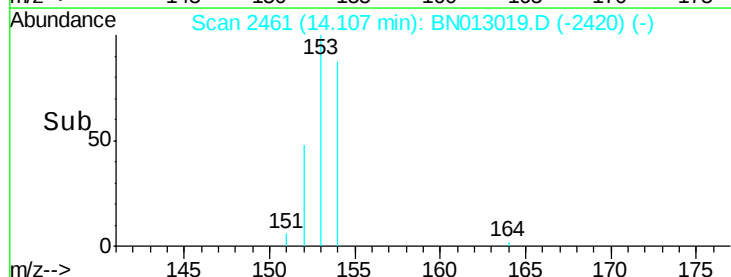
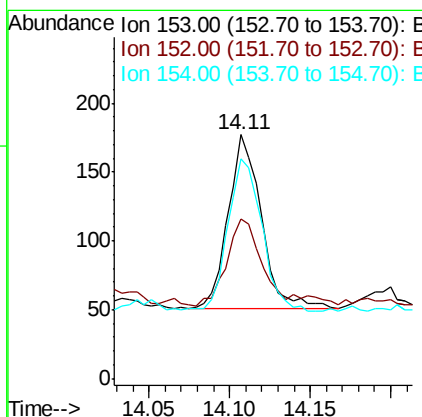
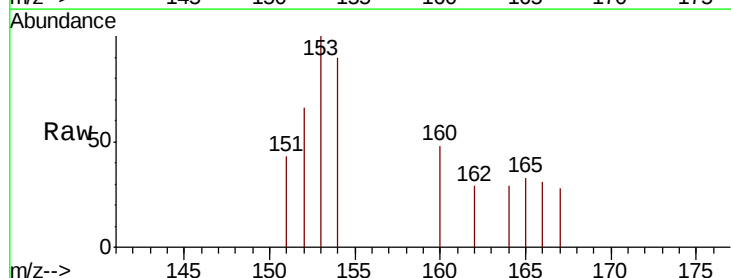
RT: 14.11 min Scan# 2461

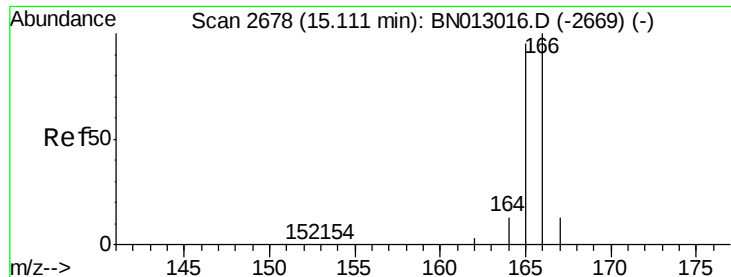
Delta R.T. -0.01 min

Lab File: BN013019.D

Acq: 09 Dec 2020 19:32

Tgt Ion:	153	Resp:	180
Ion Ratio	Lower	Upper	
153	100		
152	65.5	40.7	61.1#
154	90.4	70.8	106.2





#9

Fluorene

Concen: 0.026 ng/ul

RT: 15.11 min Scan# 2677

Delta R.T. -0.01 min

Lab File: BN013019.D

Acq: 09 Dec 2020 19:32

Instrument :

BNA_N

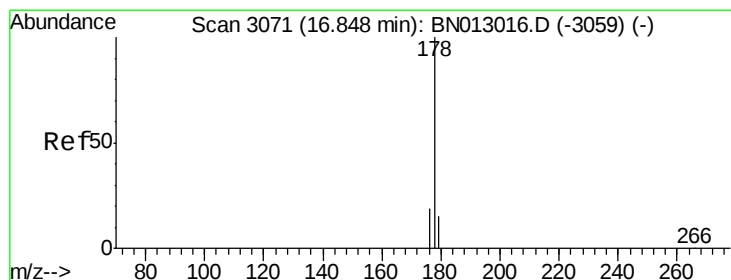
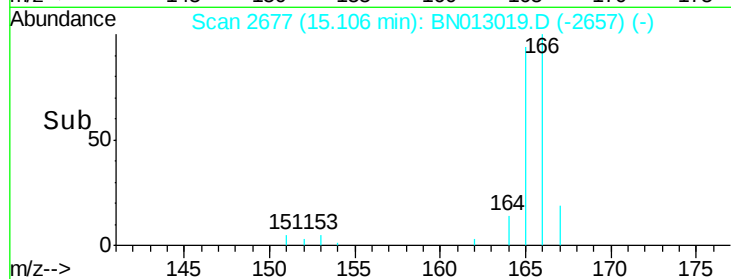
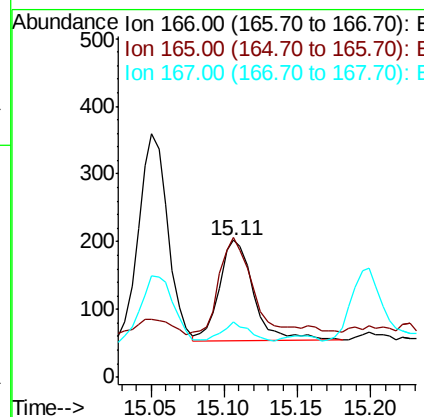
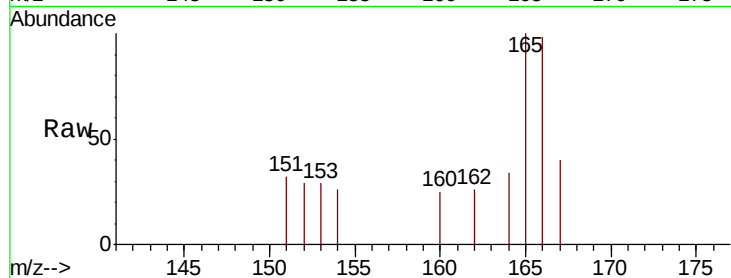
ClientSampleId :

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Tot Ion:	166	Resp:	238
Ion Ratio	Lower	Upper	
166	100		
165	102.5	79.8	119.8
167	40.6	13.8	20.8

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#12

Phenanthrene

Concen: 0.485 ng/ul

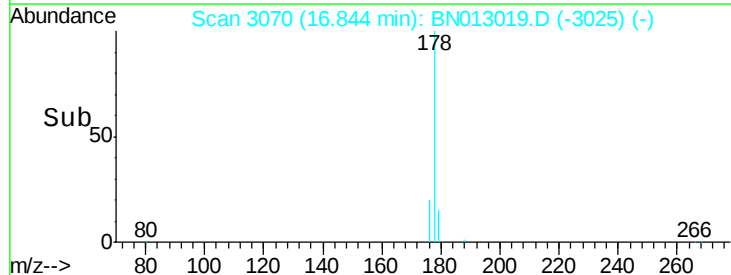
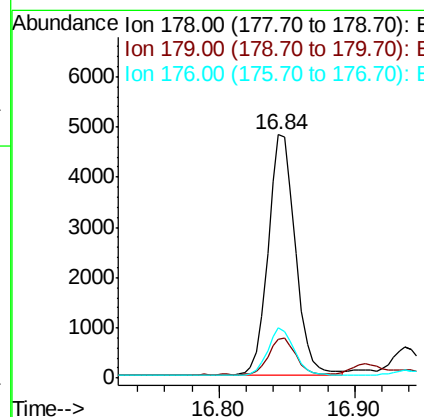
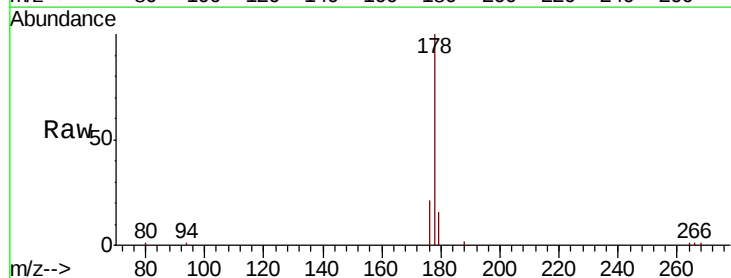
RT: 16.84 min Scan# 3070

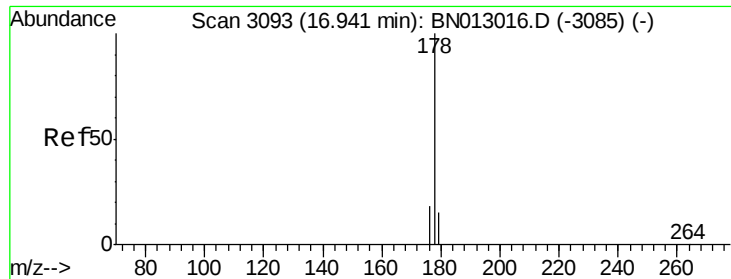
Delta R.T. -0.01 min

Lab File: BN013019.D

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Tgt Ion:	178	Resp:	6704
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.6	20.4
176	20.5	16.4	24.6





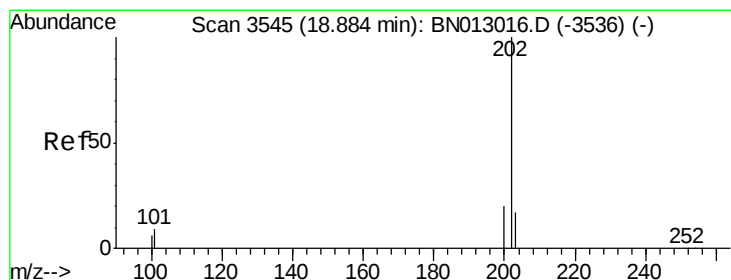
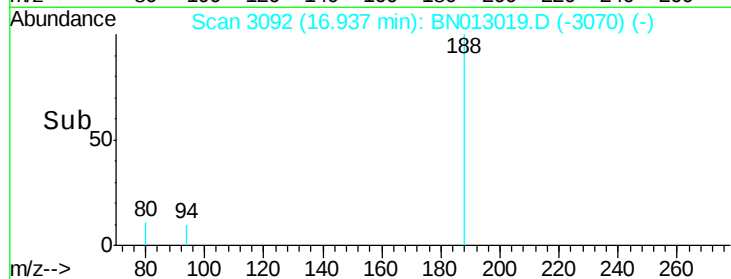
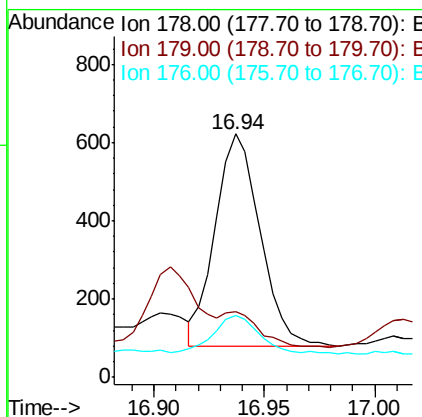
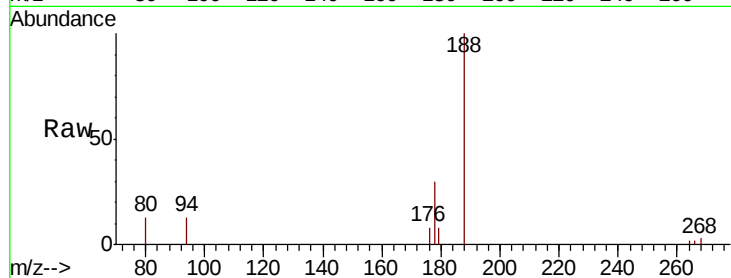
#13
 Anthracene
 Concen: 0.065 ng/ul
 RT: 16.94 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BN013019.D
 Acq: 09 Dec 2020 19:32

Instrument :
 BNA_N
 ClientSampleId :
 C0AY1

Tot Ion	Ratio	Lower	Upper
178	100		
179	26.7	14.6	21.8#
176	25.6	17.1	25.7

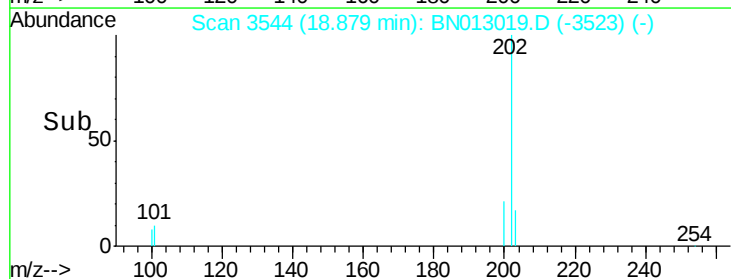
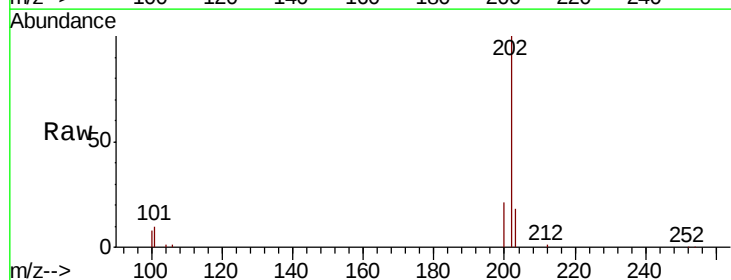
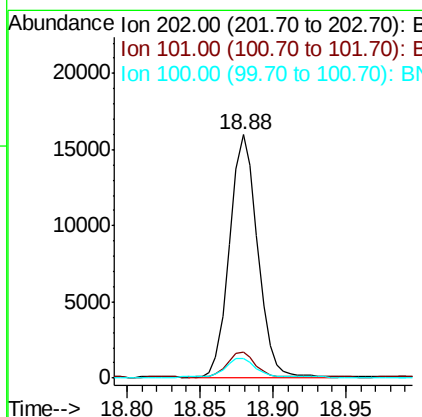
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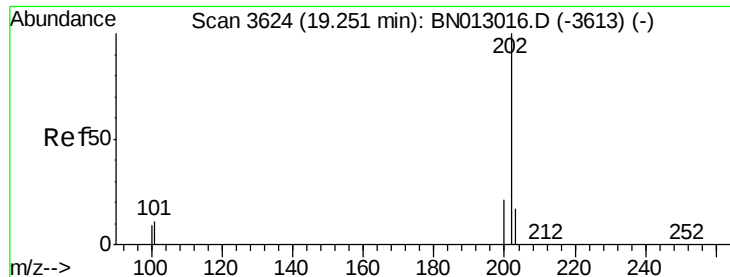
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#15
 Fluoranthene
 Concen: 1.290 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: BN013019.D
 Acq: 09 Dec 2020 19:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.6
100	8.2	0.0	28.7





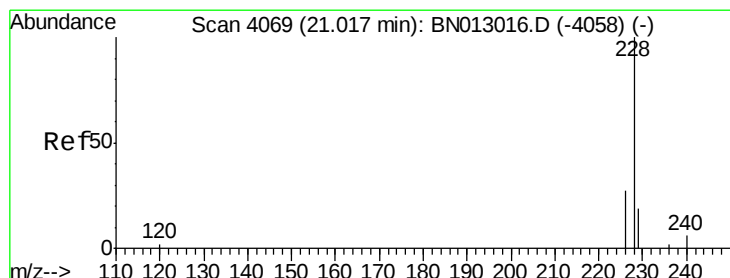
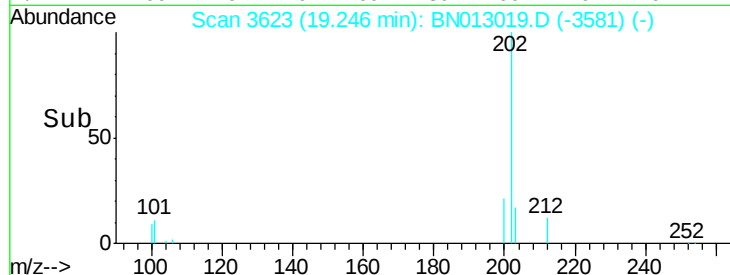
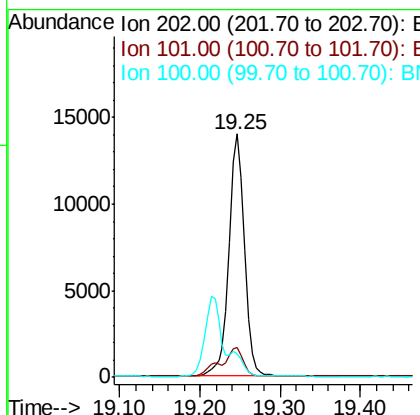
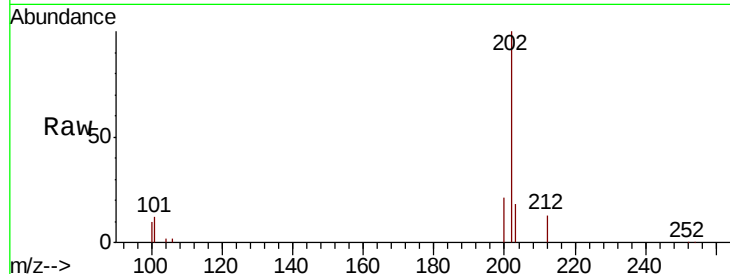
#17
Pvrene
Concen: 1.289 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013019.D
Acq: 09 Dec 2020 19:32

Instrument :
BNA_N
ClientSampleId :
C0AY1

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	9.1	13.7
100	9.9	7.5	11.3

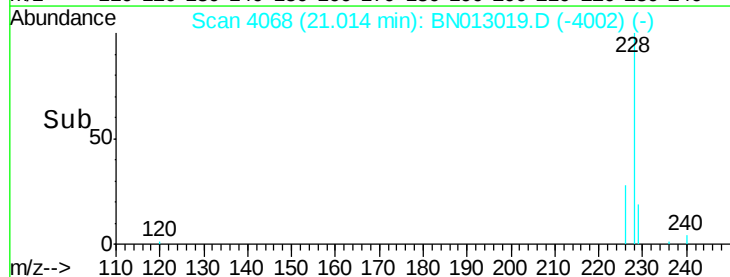
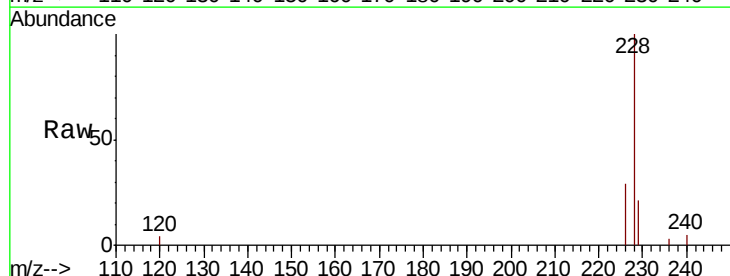
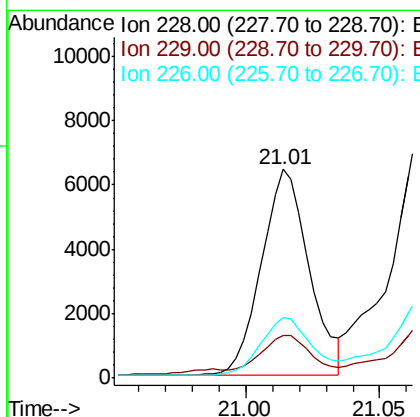
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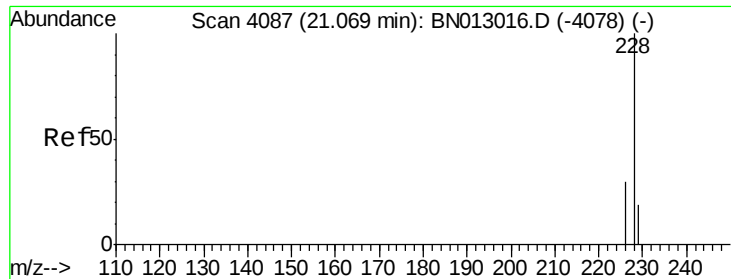
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#18
Benzo(a)anthracene
Concen: 0.624 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BN013019.D
Acq: 09 Dec 2020 19:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	16.3	24.5
226	29.3	23.4	35.2





#19

Chrysene

Concen: 0.815 ng/ul

RT: 21.07 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BN013019.D

Acq: 09 Dec 2020 19:32

Instrument :

BNA_N

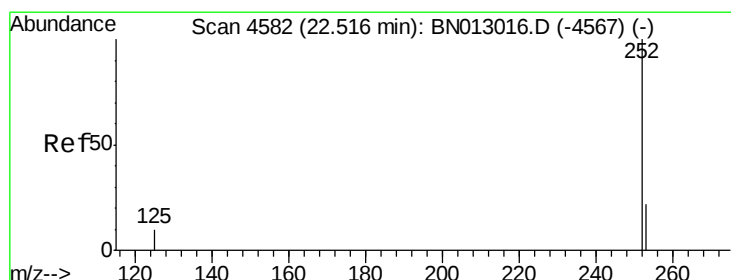
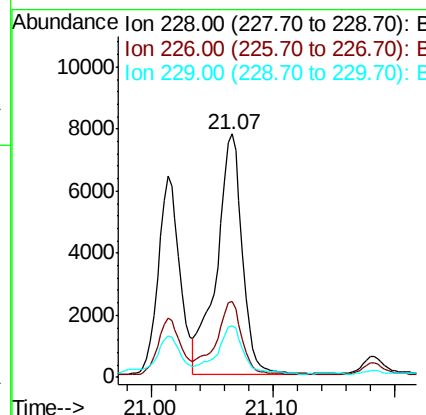
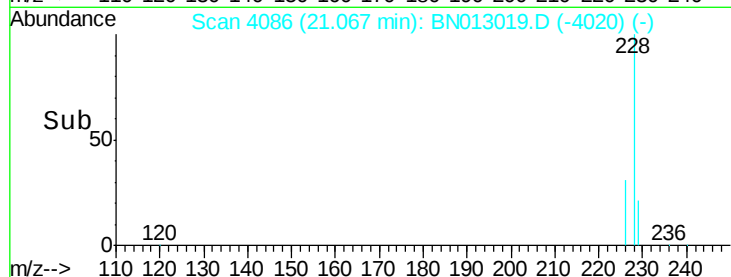
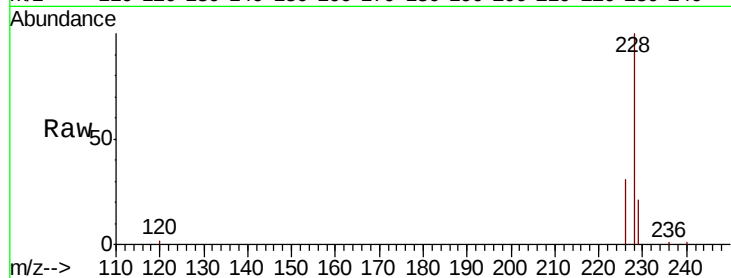
ClientSampleId :

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Tot Ion:	228	Resp:	11327
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	21.4	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 1.145 ng/ul m

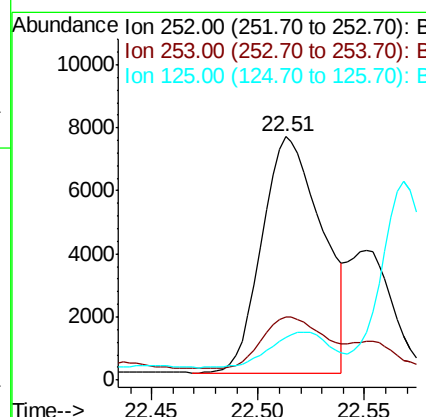
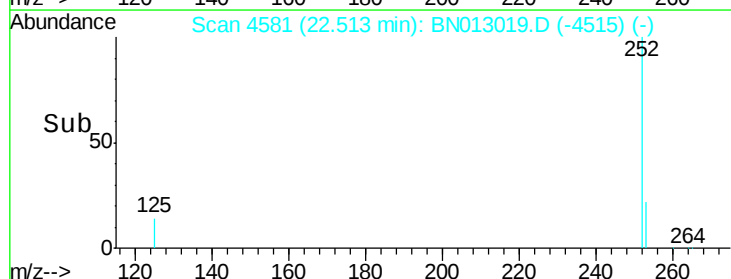
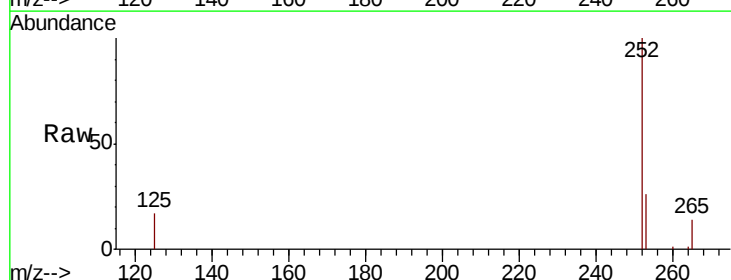
RT: 22.51 min Scan# 4581

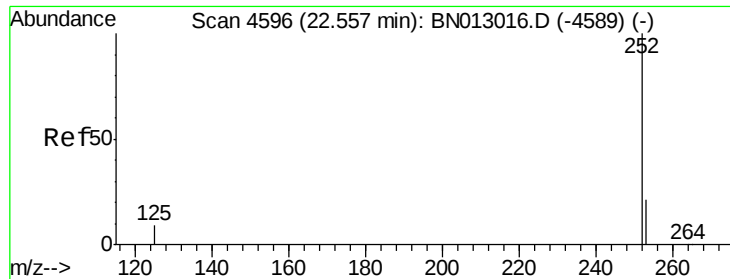
Delta R.T. -0.01 min

Lab File: BN013019.D

Acq: 09 Dec 2020 19:32

Tgt Ion:	252	Resp:	14682
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	59.6
125	17.5	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.399 ng/ul

RT: 22.55 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BN013019.D

Acq: 09 Dec 2020 19:32

Instrument :

BNA_N

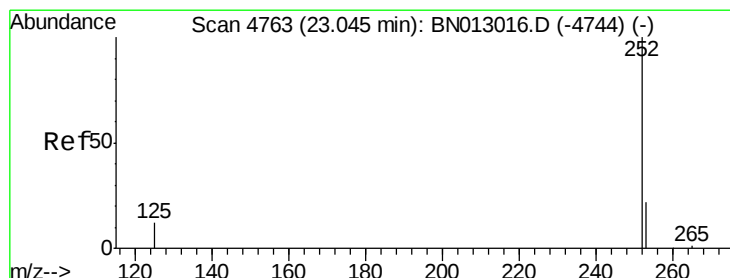
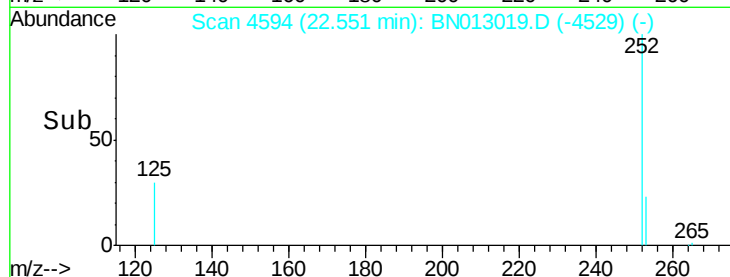
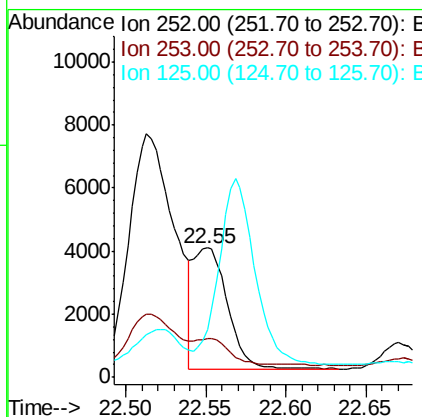
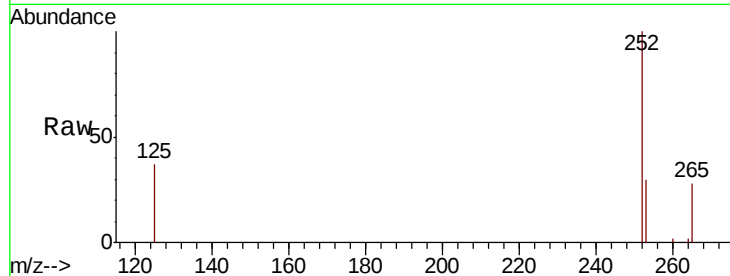
ClientSampleId :

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Tot Ion:	252	Resp:	5651
Ion Ratio	Lower	Upper	
252	100		
253	30.3	23.4	35.2
125	36.8	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.719 ng/ul

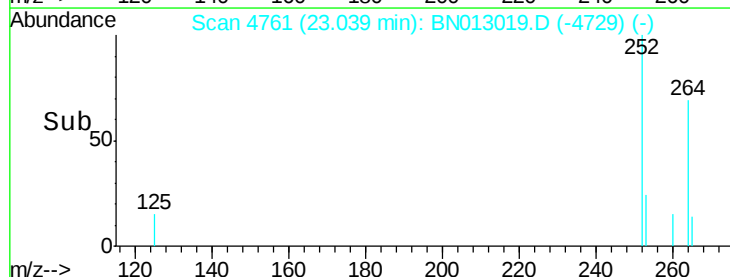
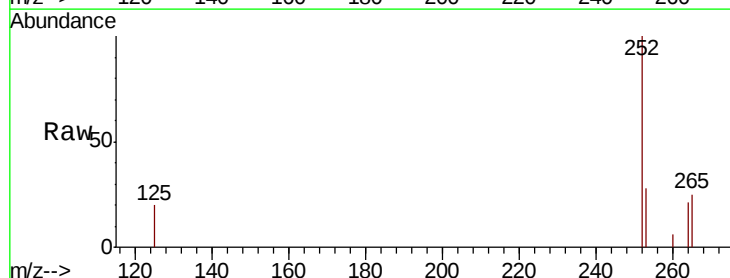
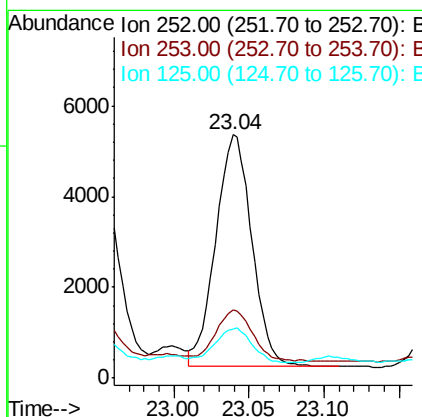
RT: 23.04 min Scan# 4761

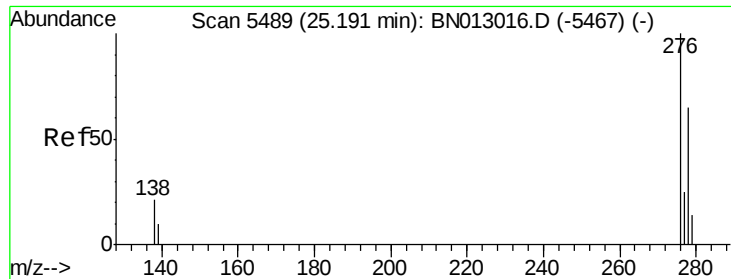
Delta R.T. -0.01 min

Lab File: BN013019.D

Acq: 09 Dec 2020 19:32

Tgt Ion:	252	Resp:	8550
Ion Ratio	Lower	Upper	
252	100		
253	28.0	26.5	39.7
125	20.4	14.2	21.2





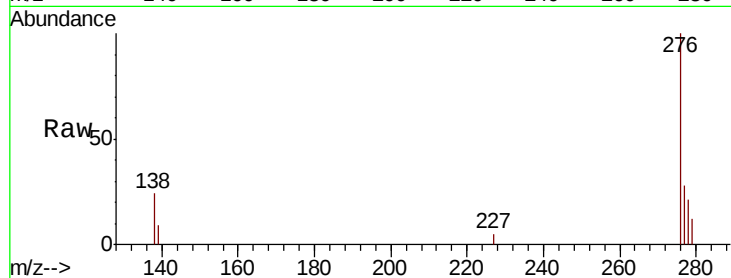
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.01 min
Lab File: BN013019.D
Acq: 09 Dec 2020 19:32

Instrument :
BNA_N
ClientSampleId :
C0AY1

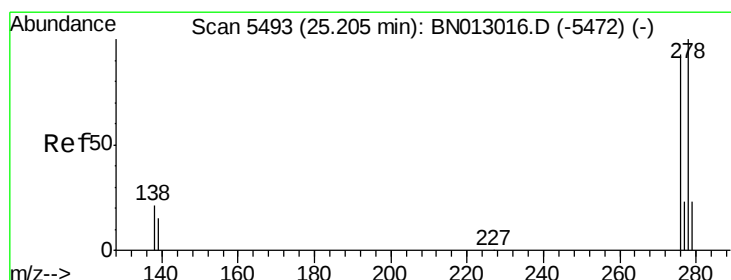
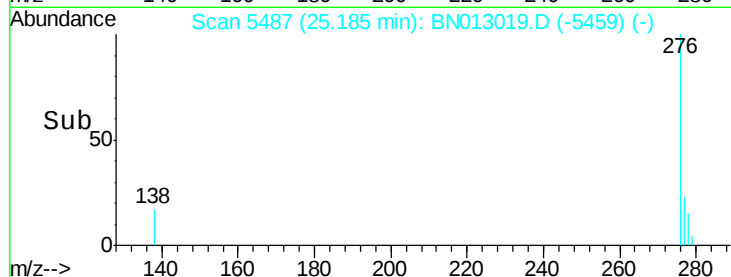
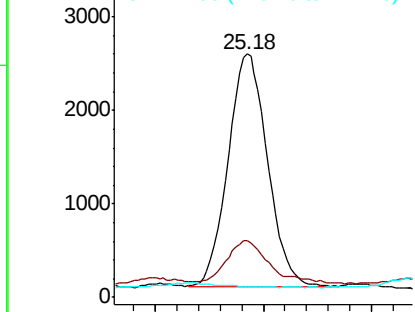
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.2	24.2
227	0.0	0.0	0.0

Manual Integrations
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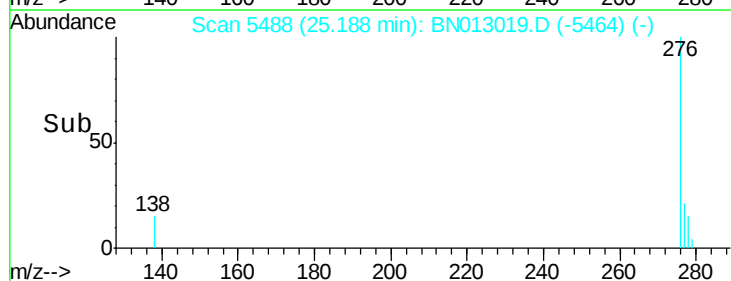
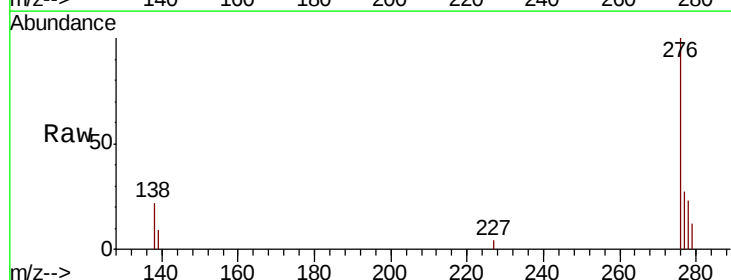
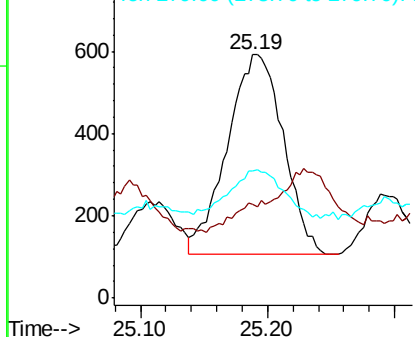
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

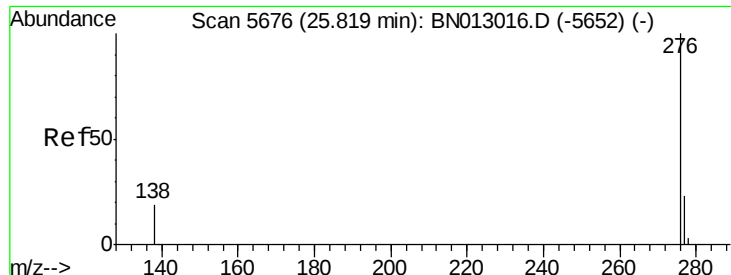


#25
Dibenzo(a,h)anthracene
Concen: 0.121 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.02 min
Lab File: BN013019.D
Acq: 09 Dec 2020 19:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.3	14.5	21.7#
279	52.4	26.3	39.5#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





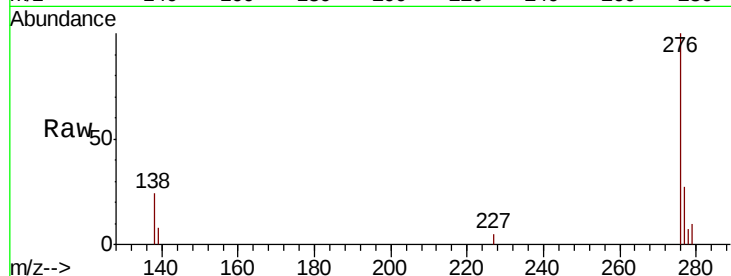
#26
 Benzo(a,h,i)perylene
 Concen: 0.388 ng/ul
 RT: 25.82 min Scan# 5675
 Delta R.T. -0.01 min
 Lab File: BN013019.D
 Acq: 09 Dec 2020 19:32

Instrument :
 BNA_N
 ClientSampleId :
 C0AY1

Tot Ion:	276	Resp:	5490
Ion Ratio	Lower	Upper	
276	100		
138	23.9	16.3	24.5
277	26.8	21.8	32.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

