

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013047.D
 Acq On : 10 Dec 2020 15:05
 Operator : CG/JU
 Sample : L4941-15DL 5X
 Misc :
 ALS Vial : 117 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B34DL

Manual Integrations
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Quant Time: Dec 10 17:50:09 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 10:29:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	919	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	3793	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	2114	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4411	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3593	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3277	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	191	0.03	ng/ul	0.01
14) Fluoranthene-d10	18.85	212	398	0.03	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	612	0.056	ng/ul#	84
5) 2-Methylnaphthalene	11.83	142	172	0.024	ng/ul	93
7) Acenaphthylene	13.76	152	205	0.020	ng/ul#	58
8) Acenaphthene	14.10	153	256	0.031	ng/ul	93
9) Fluorene	15.11	166	240	0.025	ng/ul#	94
12) Phenanthrene	16.84	178	6259	0.423	ng/ul	99
13) Anthracene	16.94	178	1287	0.102	ng/ul#	93
15) Fluoranthene	18.87	202	19992	1.138	ng/ul	98
17) Pyrene	19.24	202	19328	1.139	ng/ul	100
18) Benzo(a)anthracene	21.01	228	12243	0.824	ng/ul	99
19) Chrysene	21.06	228	14033	0.854	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	19362m	1.277	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	7667m	0.458	ng/ul	
23) Benzo(a)pyrene	23.04	252	12445	0.885	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.18	276	7752	0.420	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.18	278	2167	0.148	ng/ul#	86
26) Benzo(a,h,i)perylene	25.81	276	6740	0.403	ng/ul	100

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

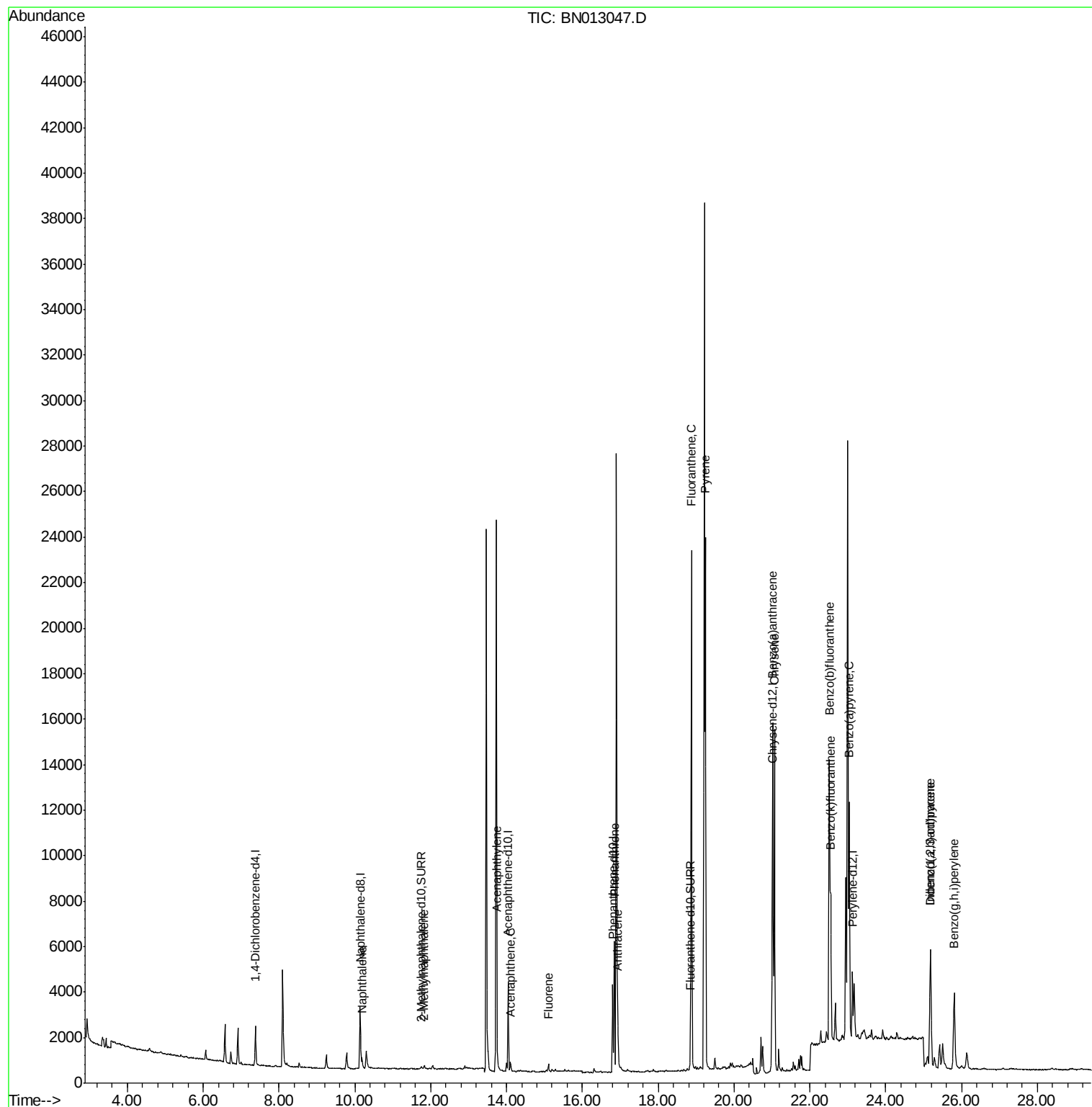
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
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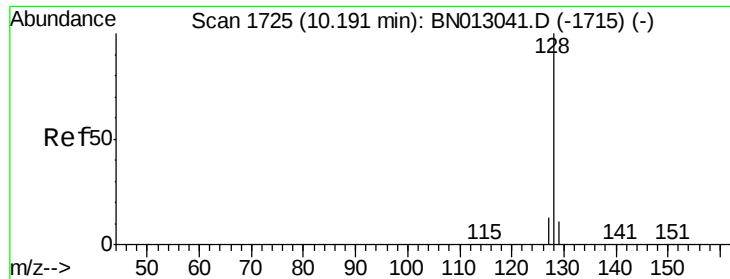
Instrument :
BNA_N
ClientSampleId :
C0B34DL

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Quant Time: Dec 10 17:50:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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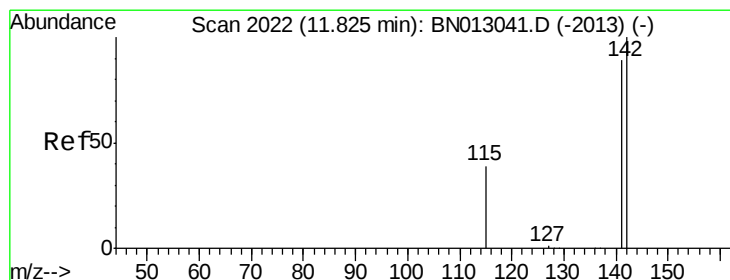
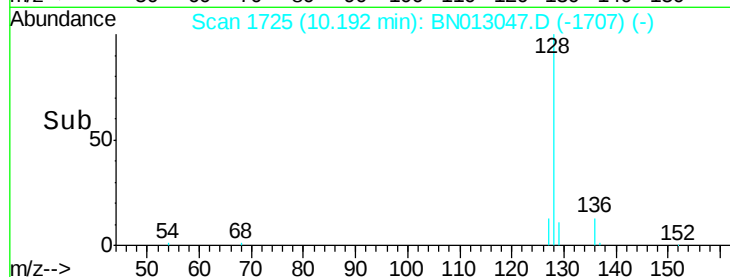
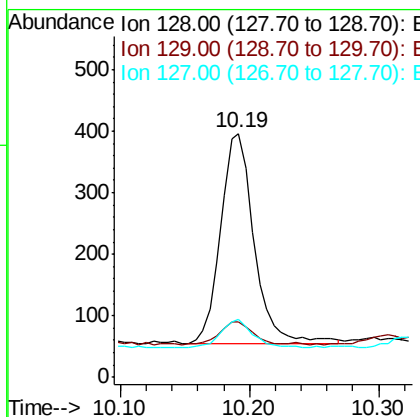
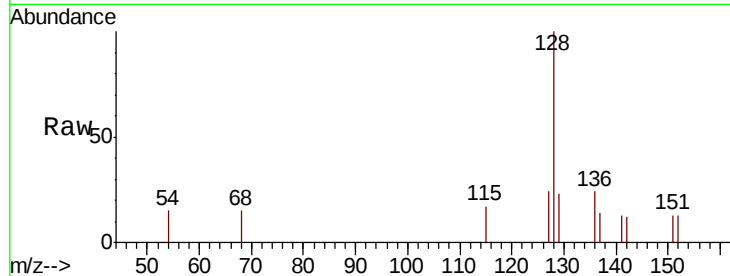
#3
Naphthalene
Concen: 0.056 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BN013047.D
Acq: 10 Dec 2020 15:05

Instrument :
BNA_N
ClientSampled :
C0B34DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	22.7	12.3	18.5#
127	24.0	14.2	21.4#

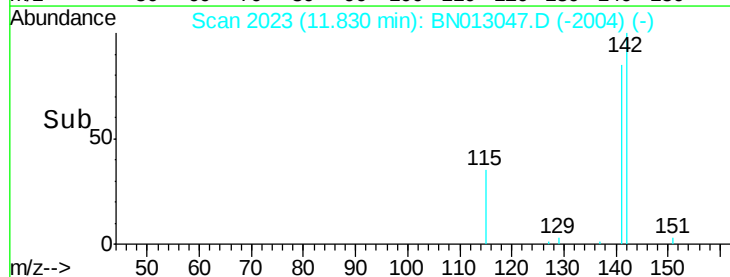
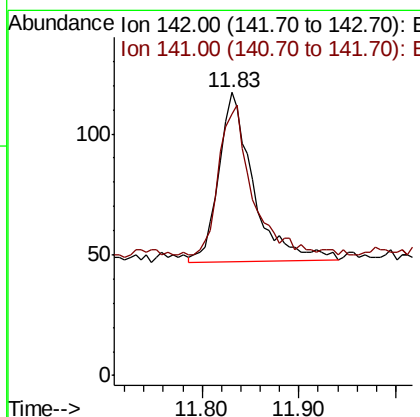
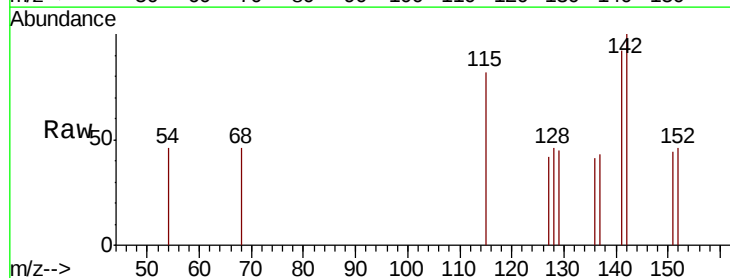
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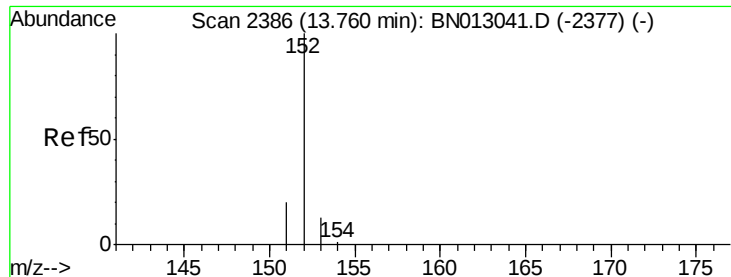
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#5
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.83 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BN013047.D
Acq: 10 Dec 2020 15:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.9	73.0	109.6





#7

Acenaphthylene

Concen: 0.020 ng/ul

RT: 13.76 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BN013047.D

Acq: 10 Dec 2020 15:05

Instrument :

BNA_N

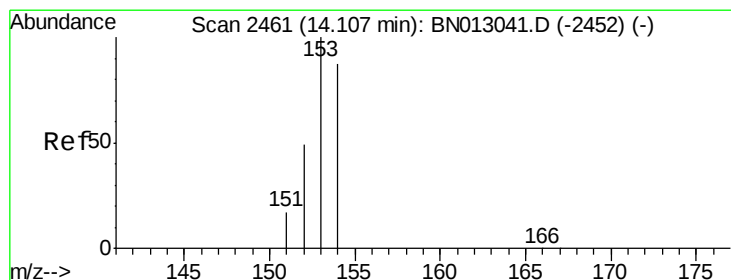
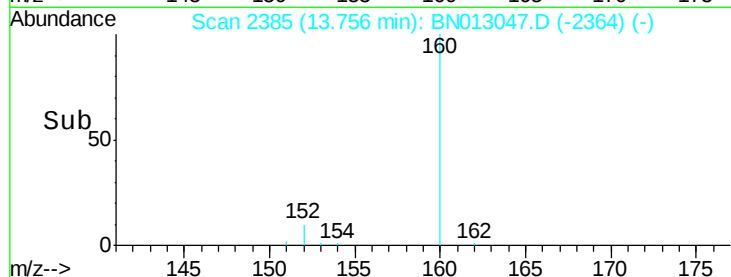
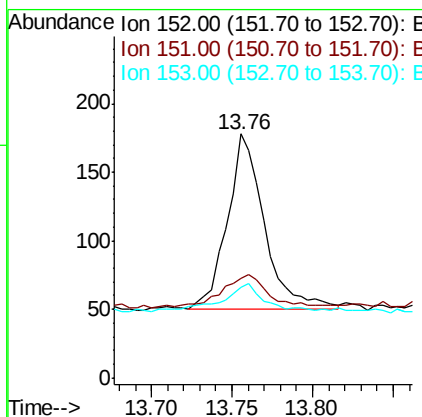
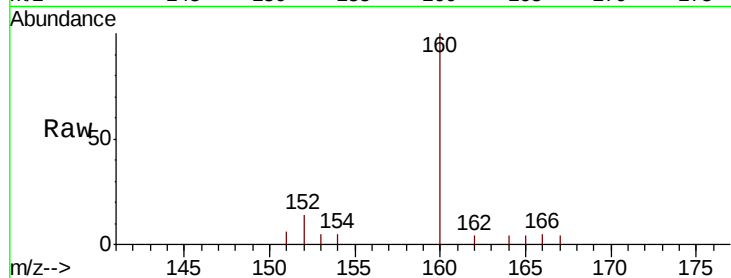
ClientSampleId :

C0B34DL

Tot Ion:	152	Resp:	205
Ion Ratio	Lower	Upper	
152	100		
151	41.0	18.2	27.4#
153	37.1	13.1	19.7#

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#8

Acenaphthene

Concen: 0.031 ng/ul

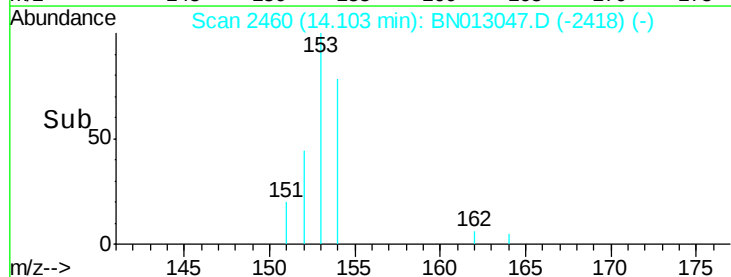
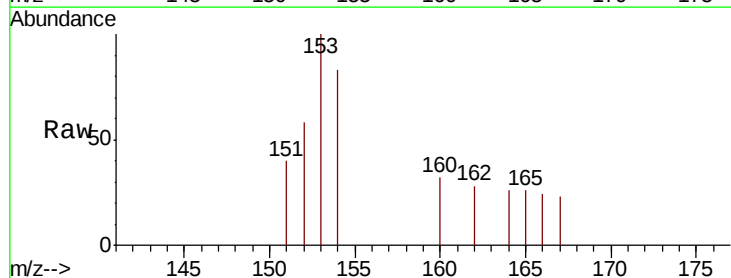
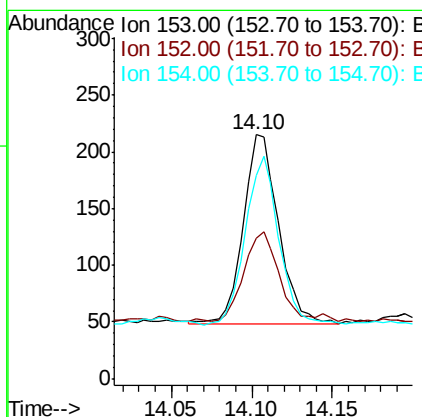
RT: 14.10 min Scan# 2460

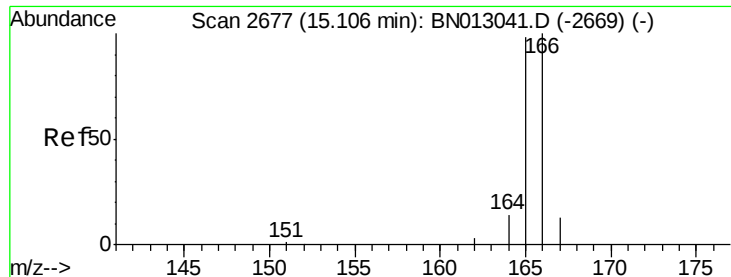
Delta R.T. -0.00 min

Lab File: BN013047.D

Acq: 10 Dec 2020 15:05

Tgt Ion:	153	Resp:	256
Ion Ratio	Lower	Upper	
153	100		
152	57.7	40.7	61.1
154	83.3	70.8	106.2





#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.11 min Scan# 2677

Delta R.T. 0.00 min

Lab File: BN013047.D

Acq: 10 Dec 2020 15:05

Instrument :

BNA_N

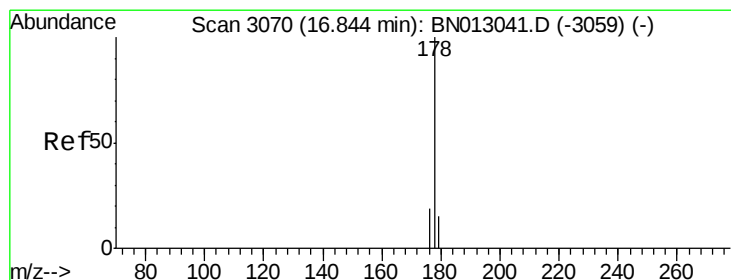
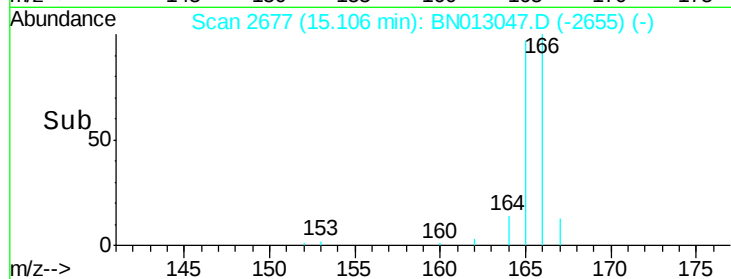
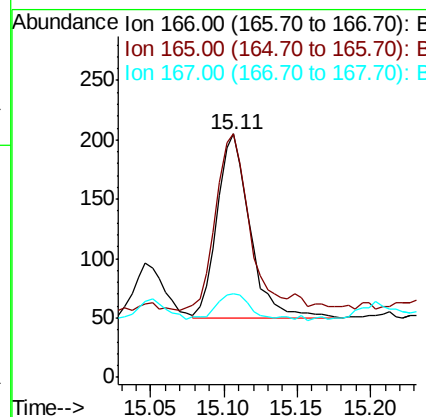
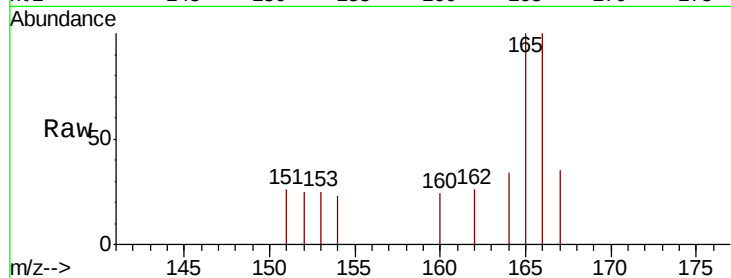
ClientSampleId :

C0B34DL

Tot Ion:	166	Resp:	240
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.8	119.8
167	34.6	13.8	20.8

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#12

Phenanthrene

Concen: 0.423 ng/ul

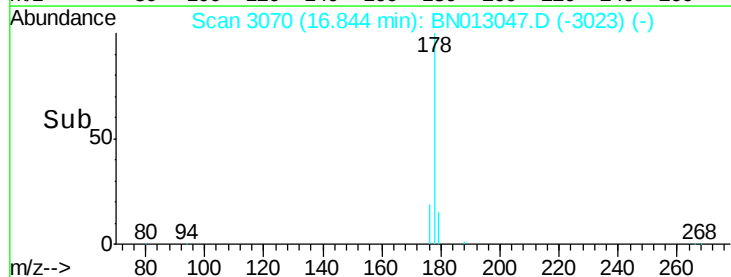
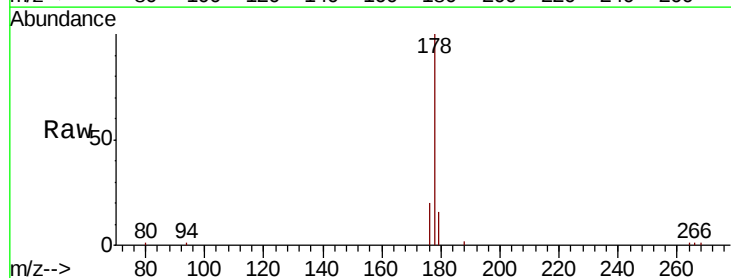
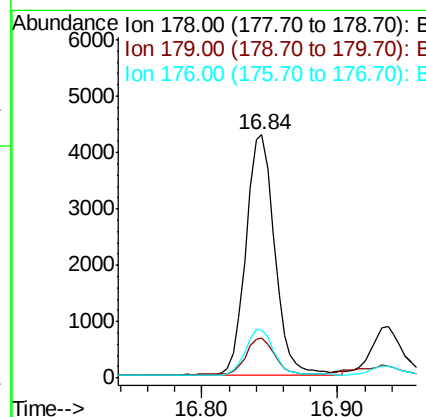
RT: 16.84 min Scan# 3070

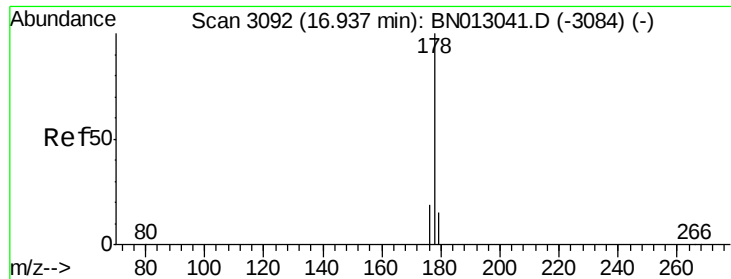
Delta R.T. 0.00 min

Lab File: BN013047.D

Acq: 10 Dec 2020 15:05

Tgt Ion:	178	Resp:	6259
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.6	20.4
176	19.8	16.4	24.6





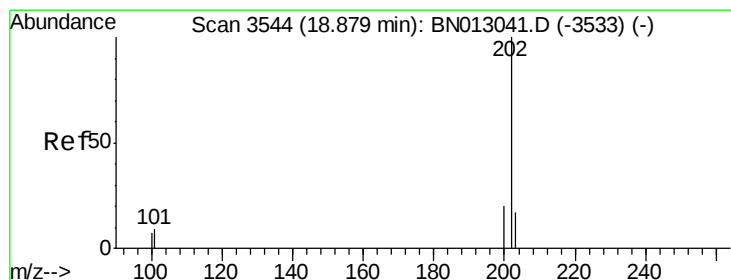
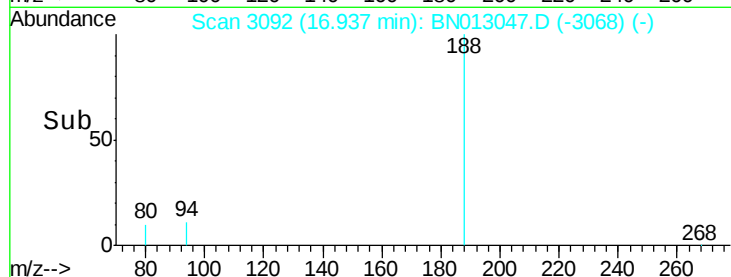
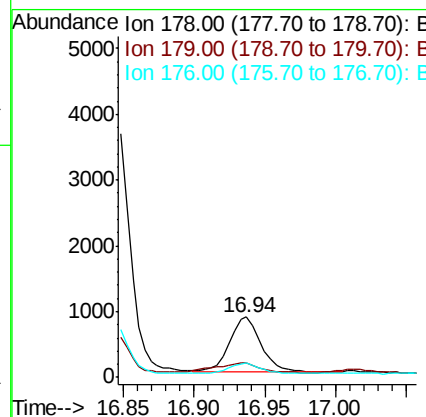
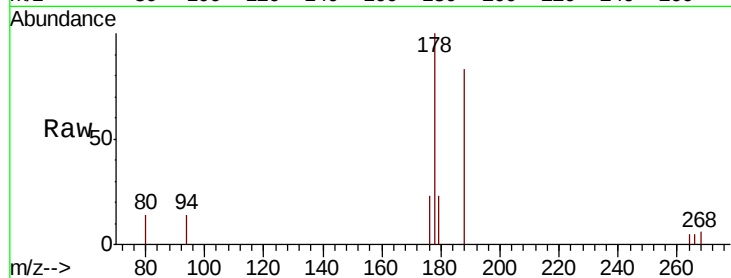
#13
 Anthracene
 Concen: 0.102 ng/ul
 RT: 16.94 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BN013047.D
 Acq: 10 Dec 2020 15:05

Instrument :
 BNA_N
 ClientSampleId :
 C0B34DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	23.0	14.6	21.8#
176	23.4	17.1	25.7

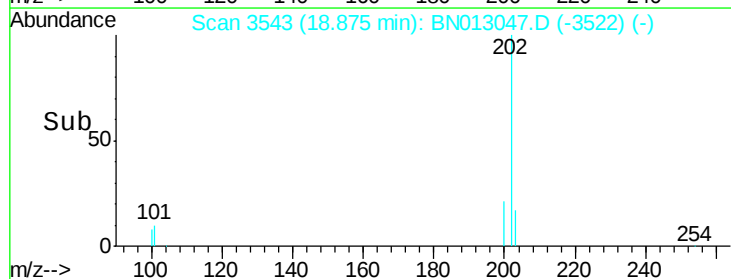
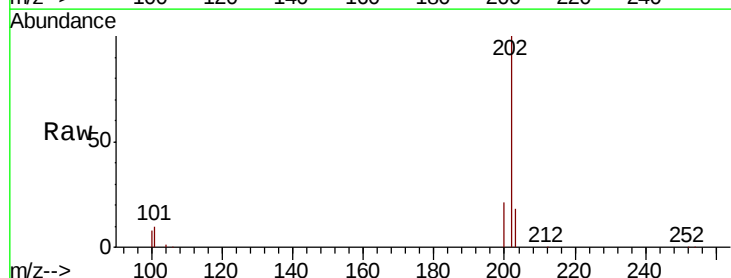
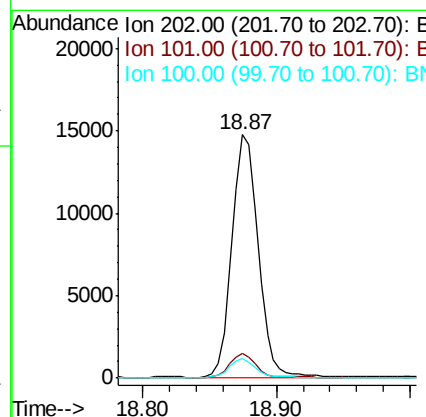
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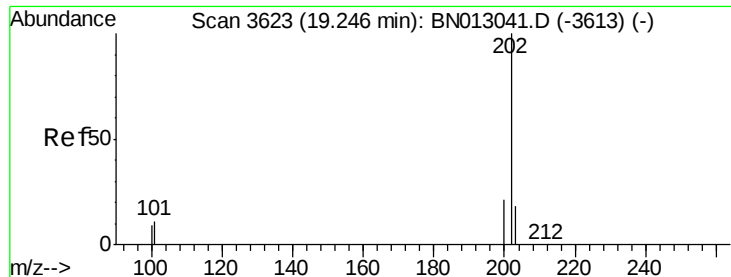
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#15
 Fluoranthene
 Concen: 1.138 ng/ul
 RT: 18.87 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: BN013047.D
 Acq: 10 Dec 2020 15:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.6
100	7.9	0.0	28.7





#17

Pvrene

Concen: 1.139 ng/ul

RT: 19.24 min Scan# 3622

Delta R.T. -0.00 min

Lab File: BN013047.D

Acq: 10 Dec 2020 15:05

Instrument :

BNA_N

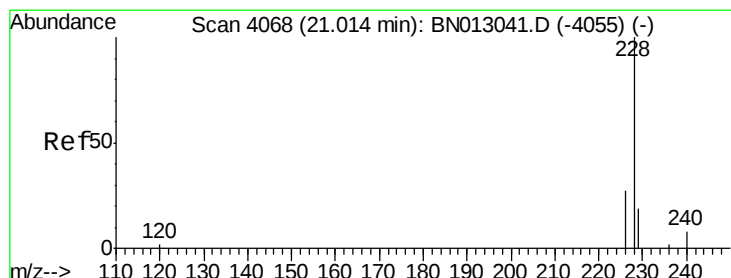
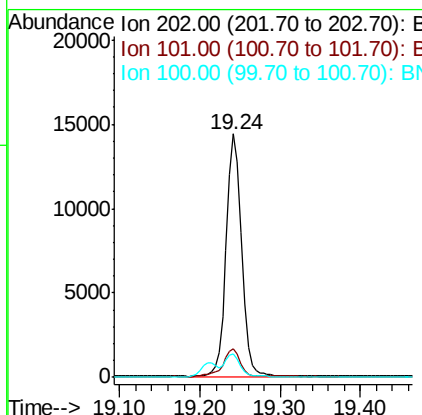
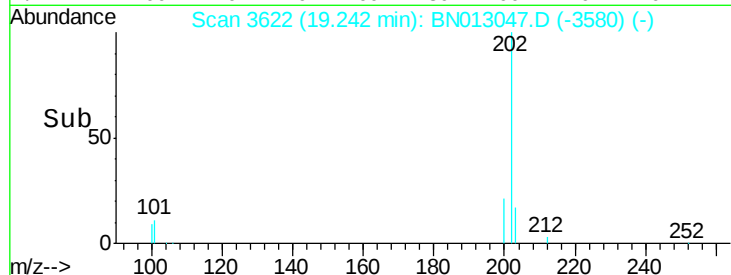
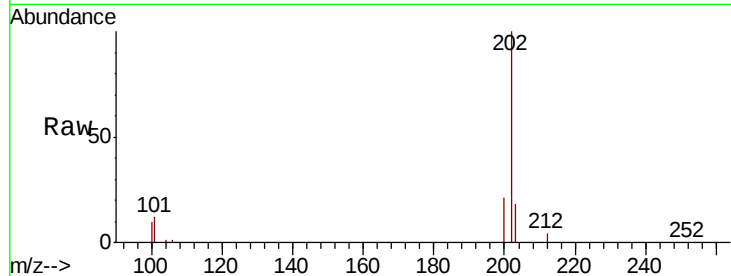
ClientSampleId :

C0B34DL

Tot Ion:	202	Resp:	19328
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.1	13.7
100	9.6	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 0.824 ng/ul

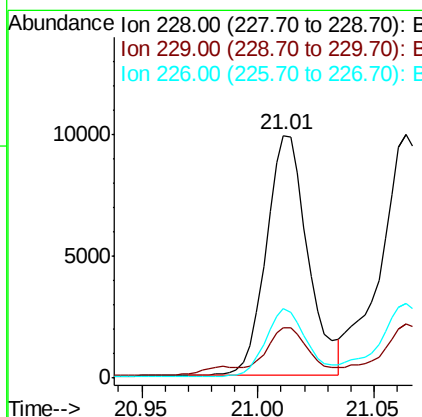
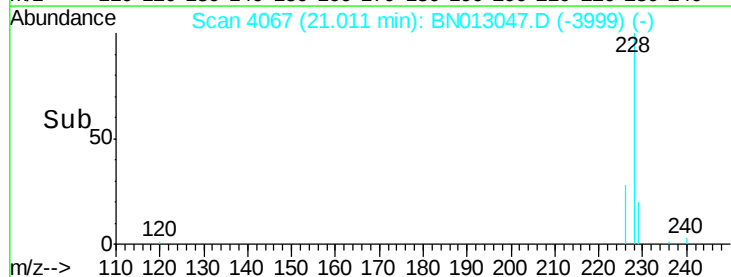
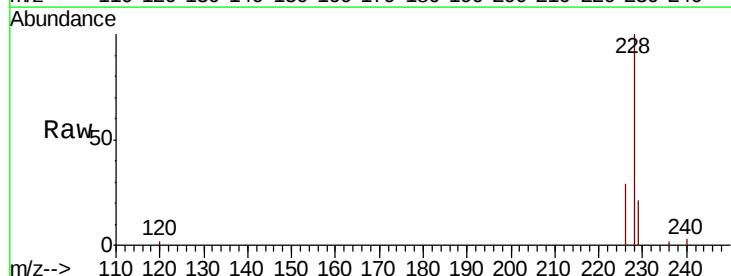
RT: 21.01 min Scan# 4067

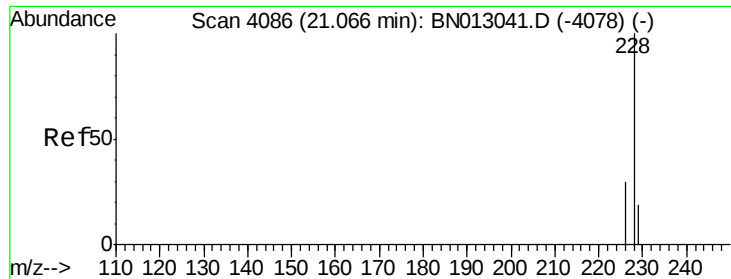
Delta R.T. -0.00 min

Lab File: BN013047.D

Acq: 10 Dec 2020 15:05

Tgt Ion:	228	Resp:	12243
Ion Ratio	Lower	Upper	
228	100		
229	20.6	16.3	24.5
226	28.6	23.4	35.2





#19

Chrysene

Concen: 0.854 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.00 min

Lab File: BN013047.D

Acq: 10 Dec 2020 15:05

Instrument :

BNA_N

ClientSampleId :

C0B34DL

Tot Ion:228 Resp: 14033

Ion Ratio Lower Upper

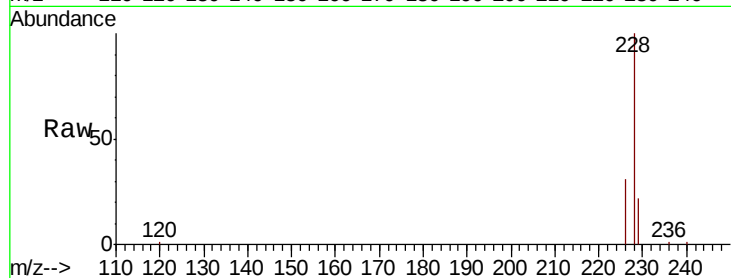
228 100

226 30.7 25.0 37.6

229 22.2 16.4 24.6

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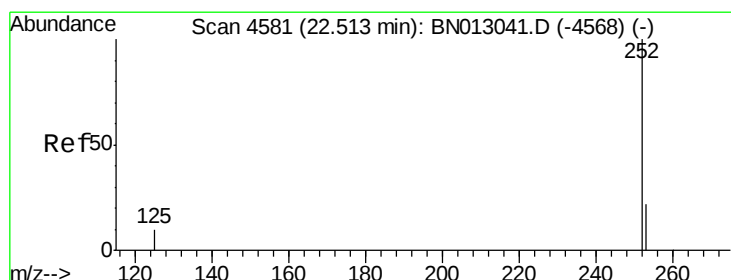
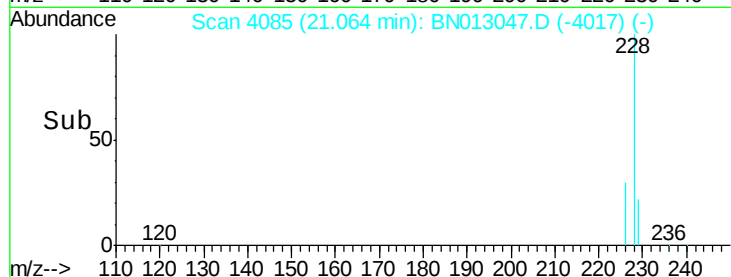
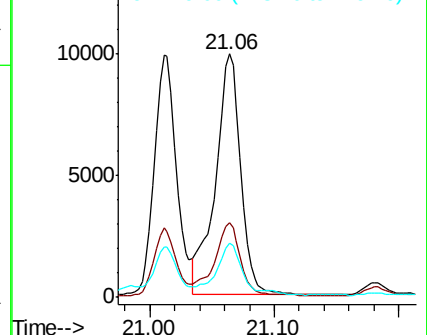
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 1.277 ng/ul m

RT: 22.51 min Scan# 4580

Delta R.T. 0.00 min

Lab File: BN013047.D

Acq: 10 Dec 2020 15:05

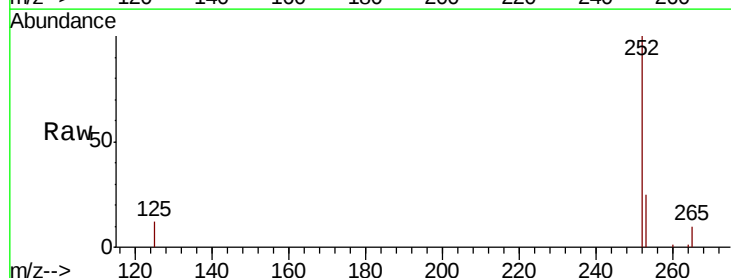
Tgt Ion:252 Resp: 19362

Ion Ratio Lower Upper

252 100

253 25.3 0.0 59.6

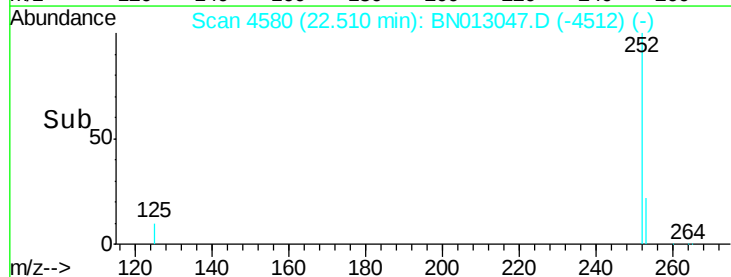
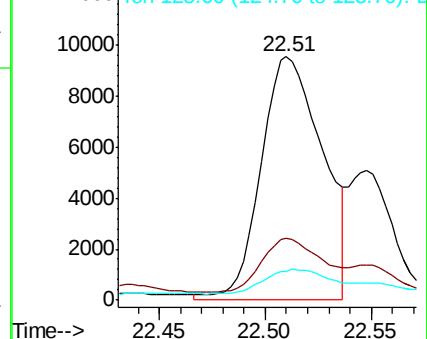
125 11.9 0.0 26.0

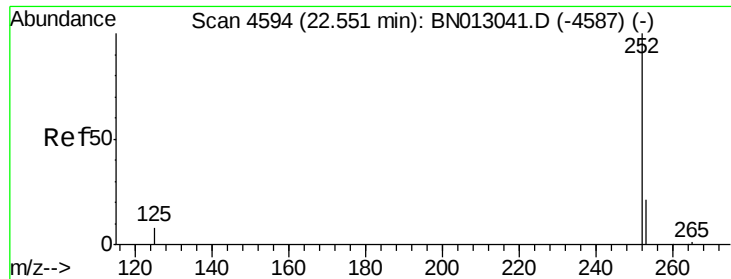


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





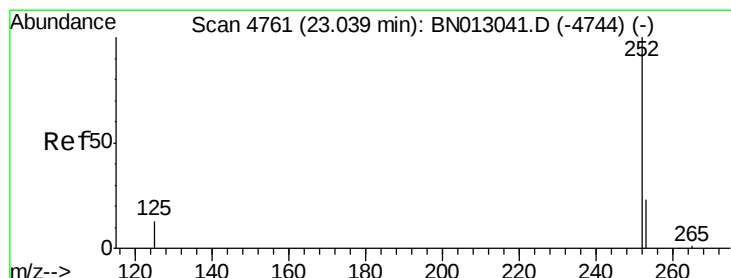
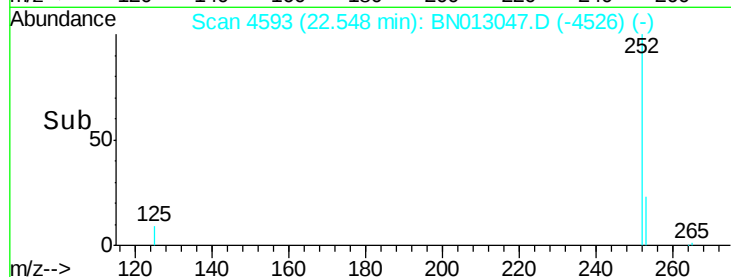
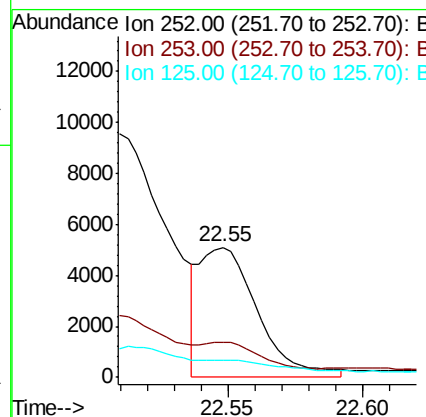
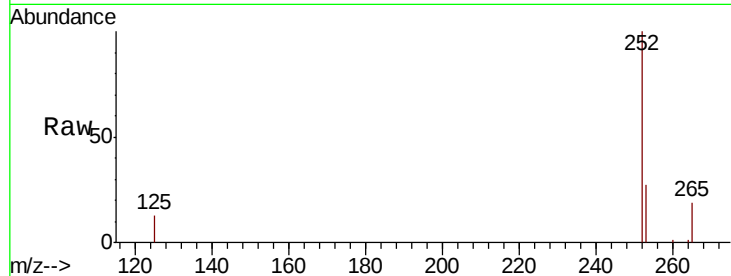
#22
Benzo(k)fluoranthene
Concen: 0.458 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. -0.00 min
Lab File: BN013047.D
Acq: 10 Dec 2020 15:05

Instrument :
BNA_N
ClientSampleId :
C0B34DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	23.4	35.2
125	13.2	11.1	16.7

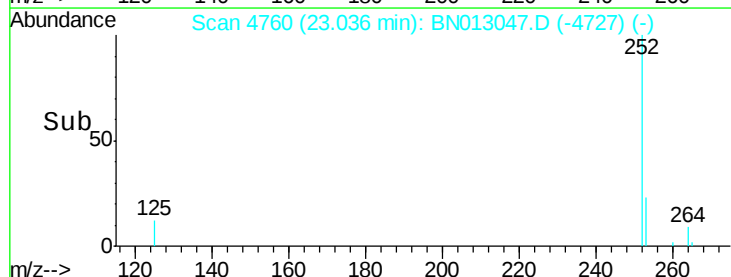
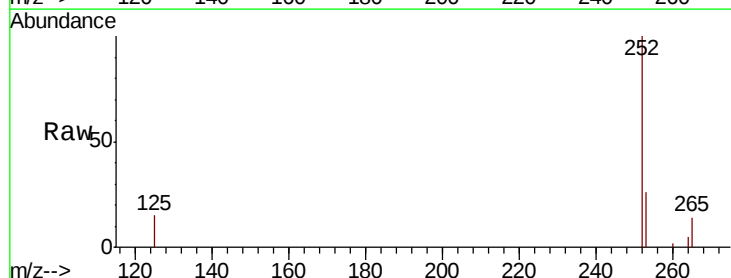
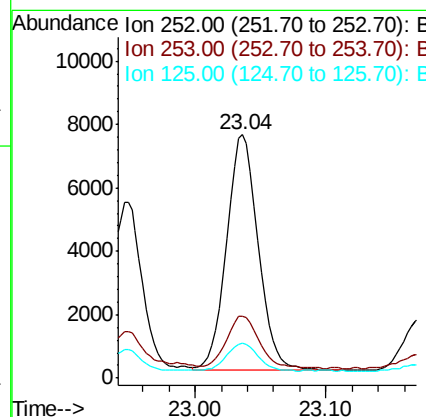
Manual Integrations
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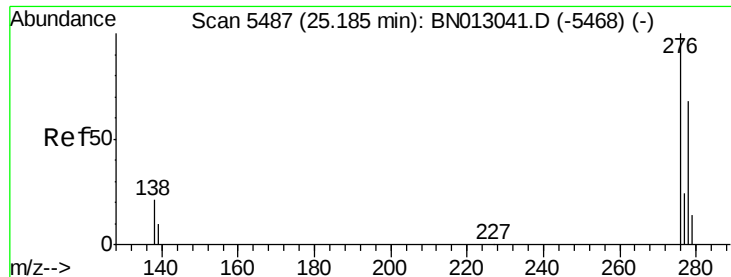
mohammad
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#23
Benzo(a)pyrene
Concen: 0.885 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. -0.00 min
Lab File: BN013047.D
Acq: 10 Dec 2020 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	26.5	39.7#
125	14.5	14.2	21.2





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.420 ng/uL

RT: 25.18 min Scan# 5485

Delta R.T. -0.01 min

Lab File: BN013047.D

Acq: 10 Dec 2020 15:05

Instrument :

BNA_N

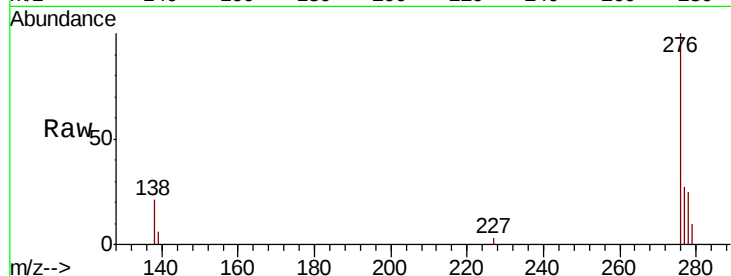
ClientSampleID :

C0B34DL

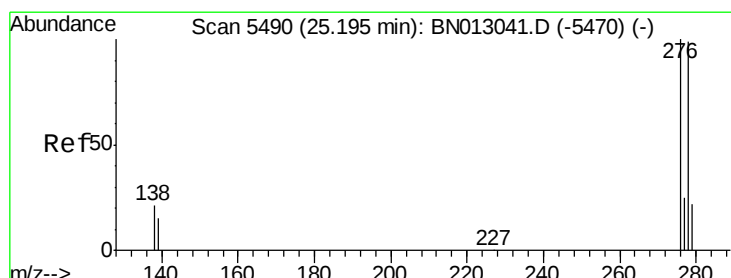
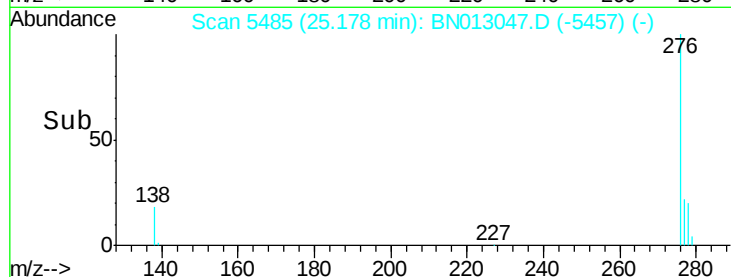
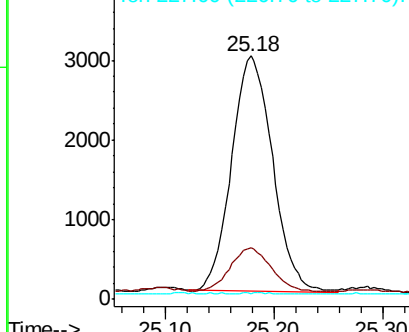
Tot Ion:	276	Resp:	7752
Ion Ratio	Lower	Upper	
276	100		
138	18.5	16.2	24.2
227	0.4	0.0	0.0#

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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: 0.148 ng/uL

RT: 25.18 min Scan# 5487

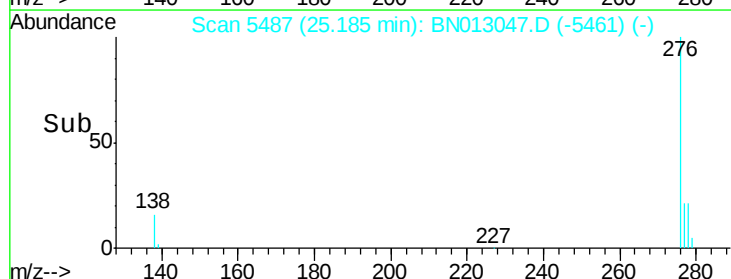
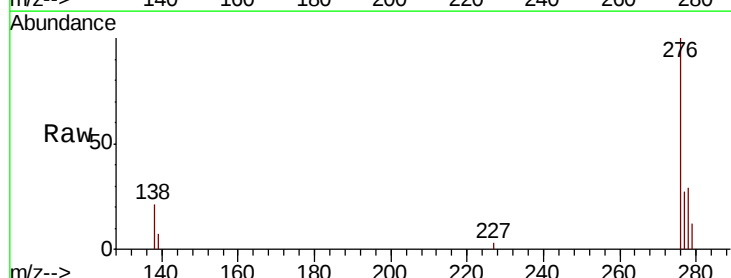
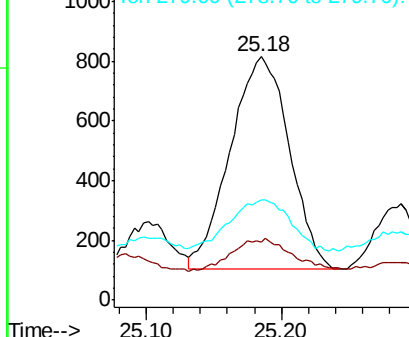
Delta R.T. -0.01 min

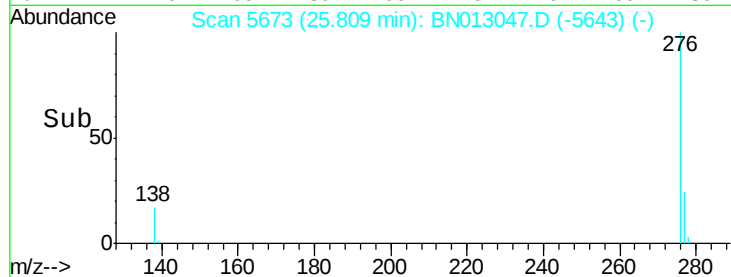
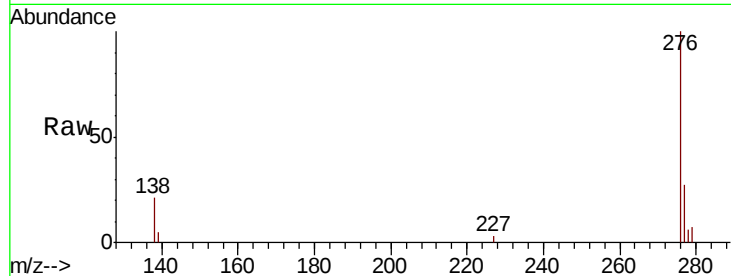
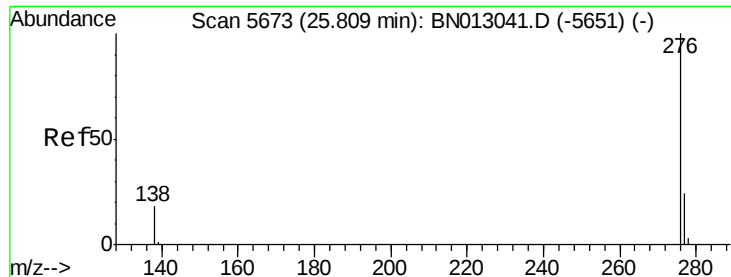
Lab File: BN013047.D

Acq: 10 Dec 2020 15:05

Tgt Ion:	278	Resp:	2167
Ion Ratio	Lower	Upper	
278	100		
139	23.9	14.5	21.7#
279	41.0	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: 0.403 ng/ul
 RT: 25.81 min Scan# 5673
 Delta R.T. 0.00 min
 Lab File: BN013047.D
 Acq: 10 Dec 2020 15:05

Tot Ion:	276	Resp:	6740
Ion Ratio	Lower	Upper	
276	100		
138	20.6	16.3	24.5
277	27.1	21.8	32.6

Instrument :
 BNA_N
 ClientSampleId :
 C0B34DL

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