

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
 Data File : BN013113.D
 Acq On : 14 Dec 2020 13:05
 Operator : CG/JU
 Sample : L5063-05DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD7DL

Manual Integrations
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Quant Time: Dec 14 13:46:00 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	1275	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4843	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	3146	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4772	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3262	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3659	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	406	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	446	0.03	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	12544	0.895	ng/ul	95
5) 2-Methylnaphthalene	11.81	142	61858	6.720	ng/ul	98
7) Acenaphthylene	13.75	152	3241	0.218	ng/ul#	30
8) Acenaphthene	14.10	153	3280	0.269	ng/ul	94
9) Fluorene	15.10	166	5109	0.365	ng/ul#	89
12) Phenanthrene	16.84	178	62639	3.915	ng/ul	98
13) Anthracene	16.93	178	5638	0.414	ng/ul#	93
15) Fluoranthene	18.87	202	21200	1.115	ng/ul	98
17) Pyrene	19.24	202	29802	1.934	ng/ul	99
18) Benzo(a)anthracene	21.01	228	9644	0.715	ng/ul#	69
19) Chrysene	21.06	228	10317m	0.692	ng/ul	
21) Benzo(b)fluoranthene	22.51	252	13556m	0.801	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	4478m	0.239	ng/ul	
23) Benzo(a)pyrene	23.04	252	9167	0.584	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.18	276	6374	0.309	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	1983	0.122	ng/ul#	1
26) Benzo(a,h,i)perylene	25.81	276	6226	0.334	ng/ul#	68

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

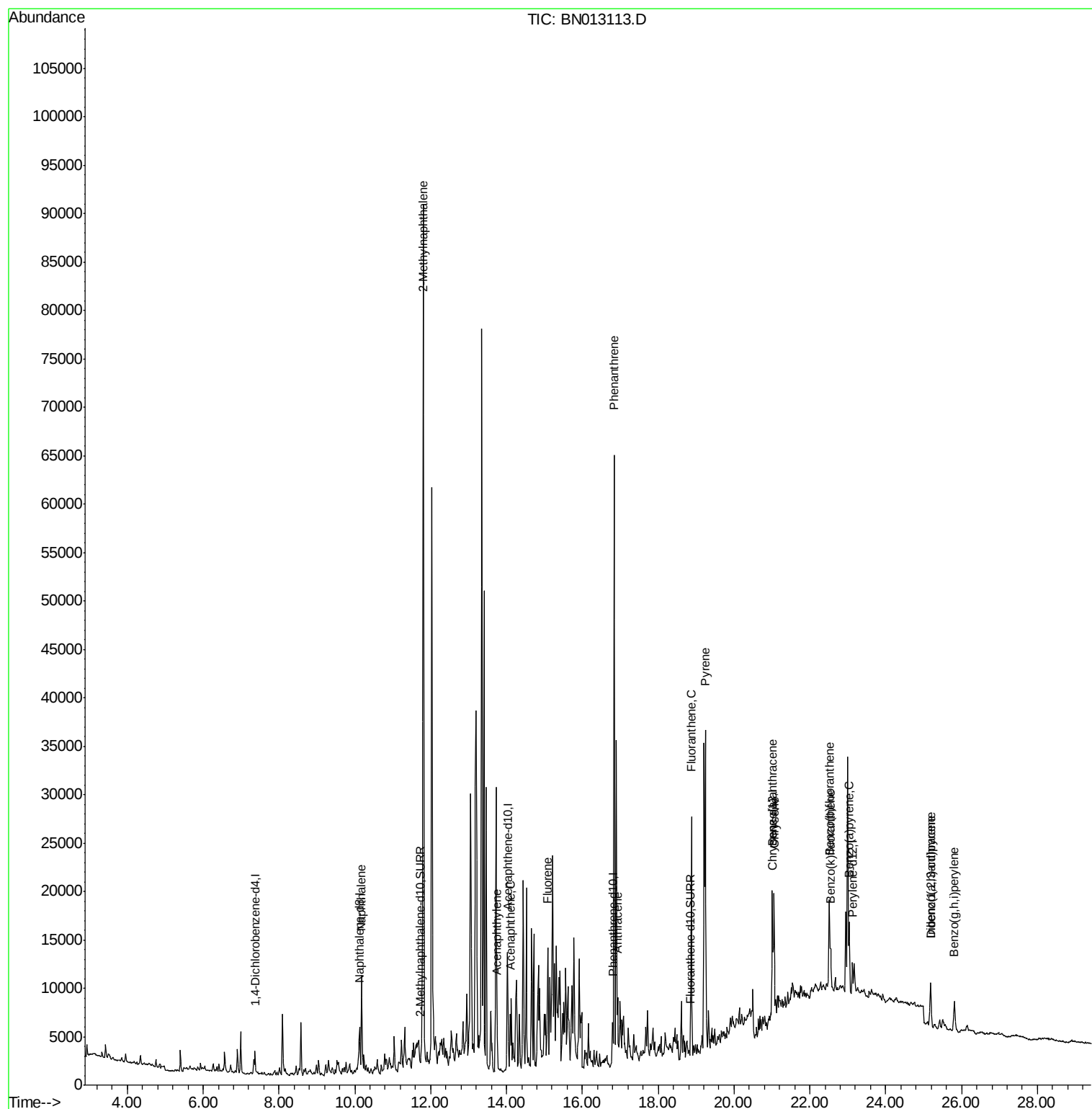
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
Data File : BN013113.D
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ALS Vial : 8 Sample Multiplier: 1

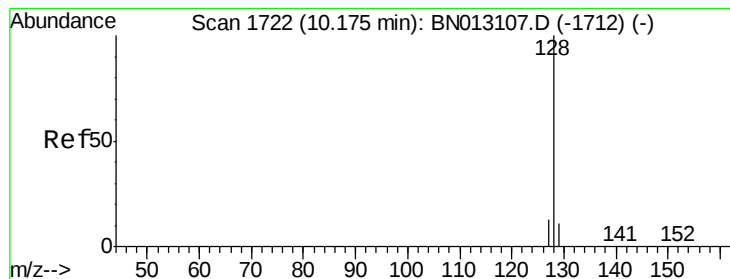
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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QLast Update : Mon Dec 14 11:29:45 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.895 ng/ul

RT: 10.18 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BN013113.D

Acq: 14 Dec 2020 13:05

Instrument :

BNA_N

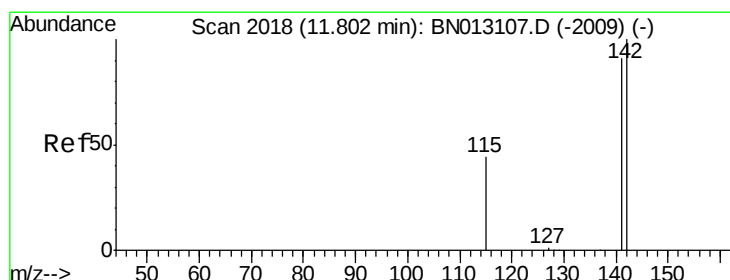
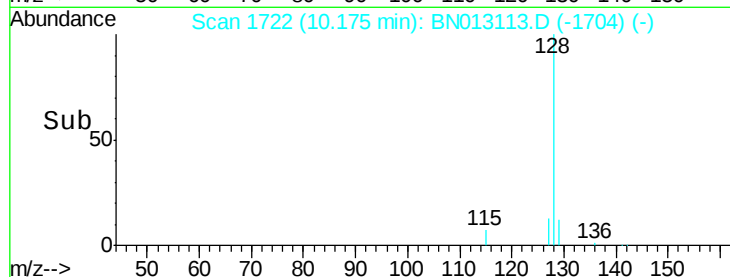
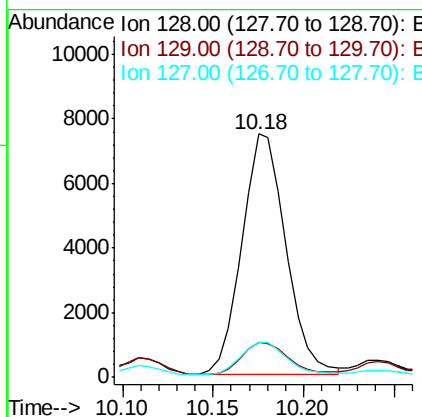
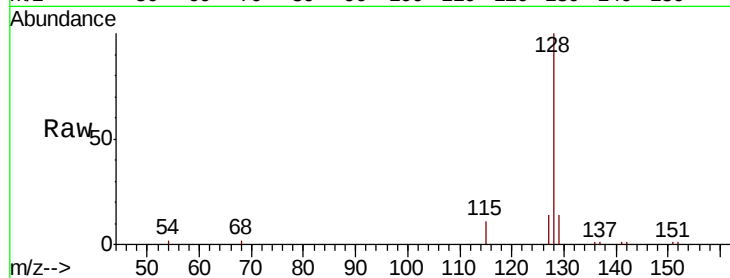
ClientSampleId :

C0AD7DL

Tot Ion:	128	Resp:	12544
Ion	Ratio	Lower	Upper
128	100		
129	14.3	12.3	18.5
127	14.4	14.2	21.4

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#5

2-Methylnaphthalene

Concen: 6.720 ng/ul

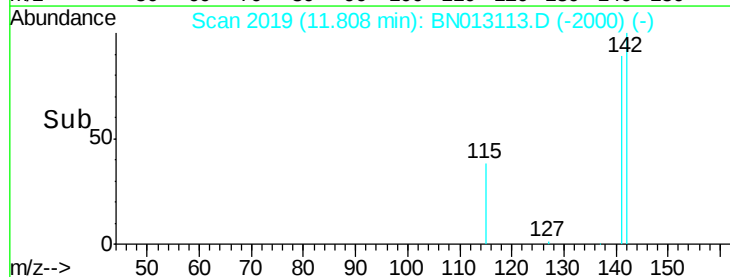
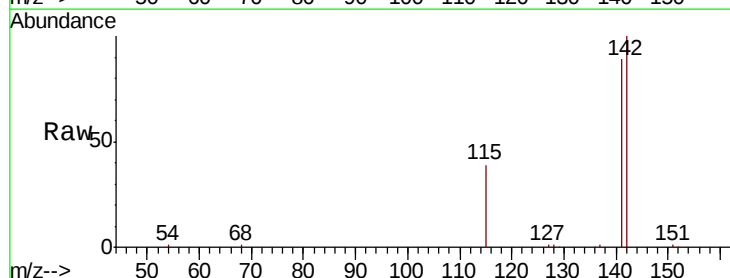
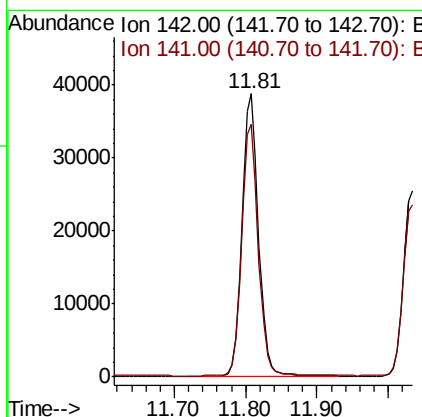
RT: 11.81 min Scan# 2019

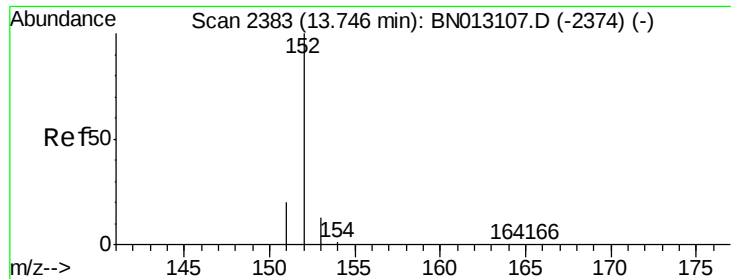
Delta R.T. 0.01 min

Lab File: BN013113.D

Acq: 14 Dec 2020 13:05

Tgt Ion:	142	Resp:	61858
Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.0	109.6





#7

Acenaphthylene

Concen: 0.218 ng/ul

RT: 13.75 min Scan# 2384

Delta R.T. 0.01 min

Lab File: BN013113.D

Acq: 14 Dec 2020 13:05

Instrument :

BNA_N

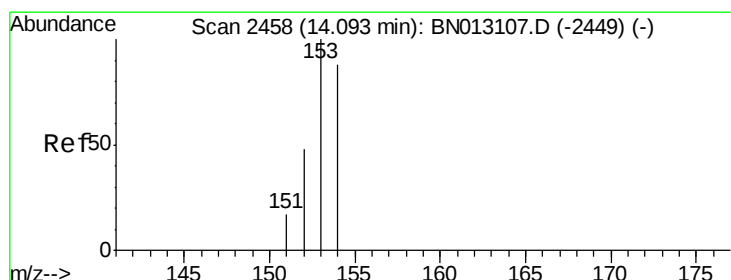
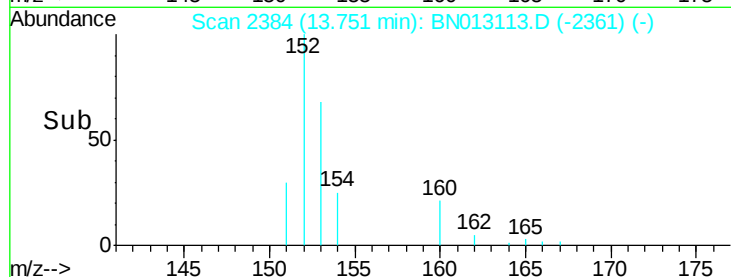
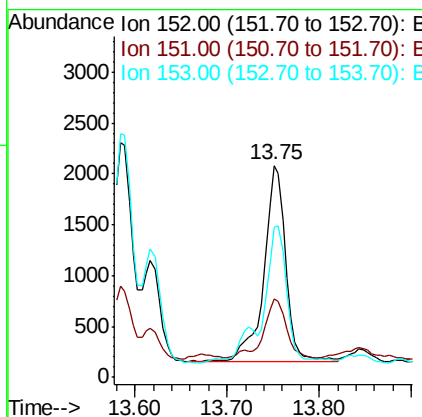
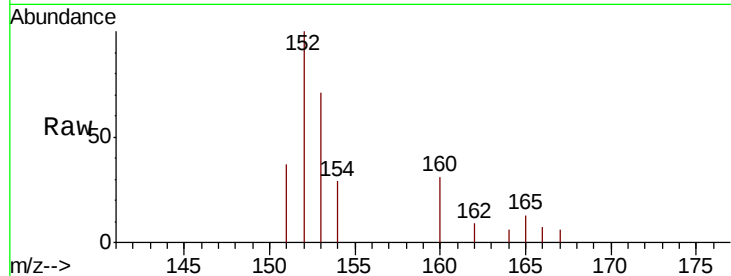
ClientSampleId :

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Tot Ion:	152	Resp:	3241
Ion Ratio	Lower	Upper	
152	100		
151	36.8	18.2	27.4#
153	70.8	13.1	19.7#

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#8

Acenaphthene

Concen: 0.269 ng/ul

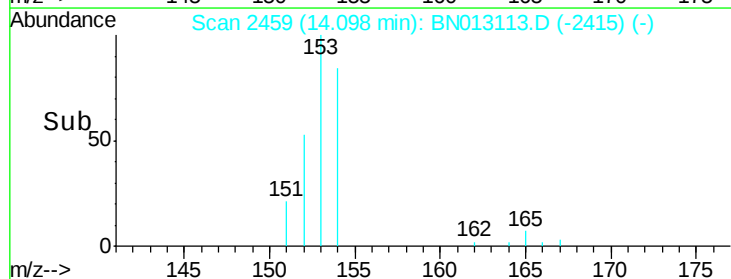
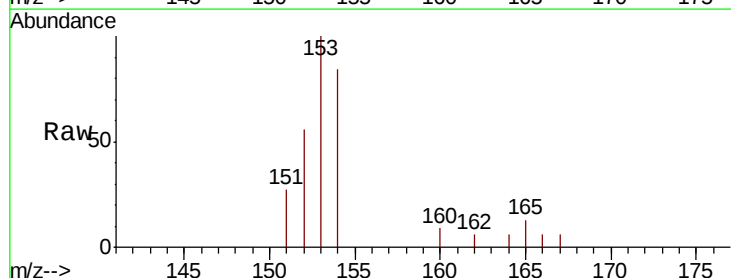
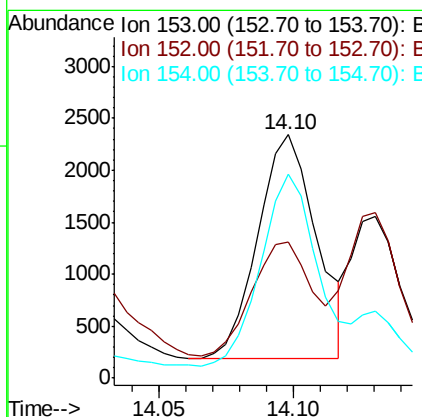
RT: 14.10 min Scan# 2459

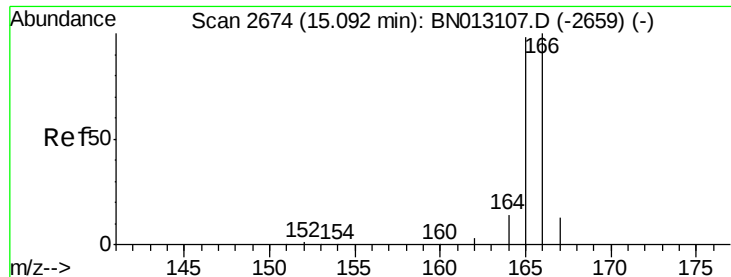
Delta R.T. 0.01 min

Lab File: BN013113.D

Acq: 14 Dec 2020 13:05

Tgt Ion:	153	Resp:	3280
Ion Ratio	Lower	Upper	
153	100		
152	56.1	40.7	61.1
154	83.9	70.8	106.2





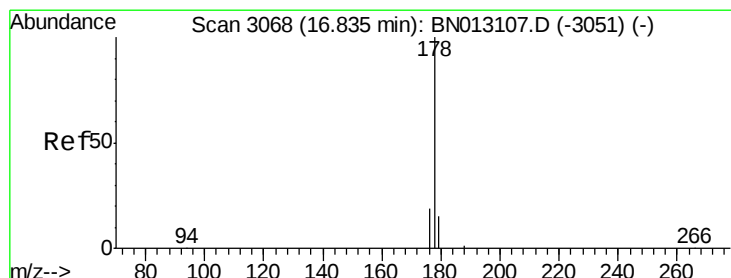
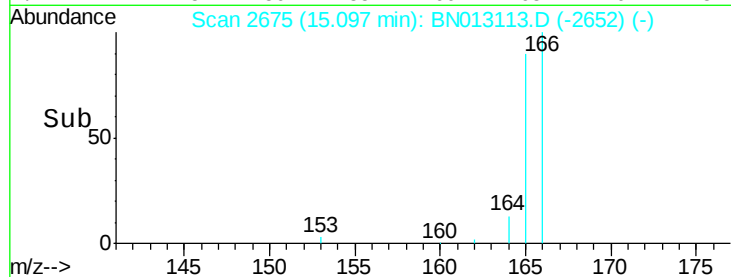
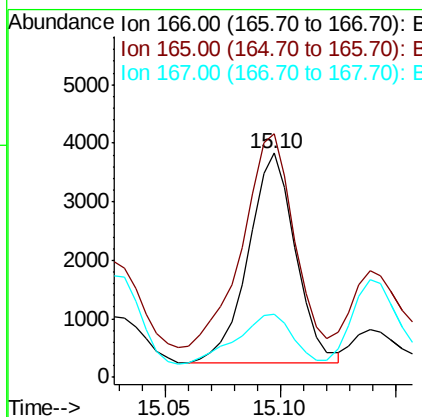
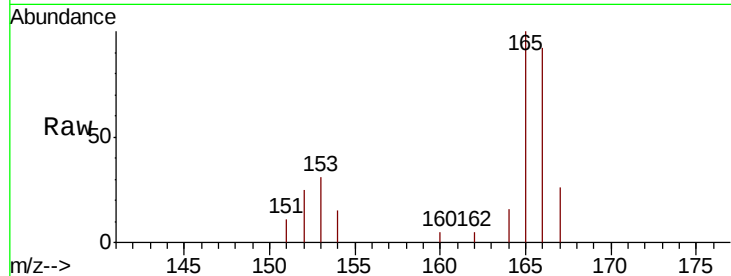
#9
Fluorene
 Concen: 0.365 ng/ul
 RT: 15.10 min Scan# 2675
 Delta R.T. 0.01 min
 Lab File: BN013113.D
 Acq: 14 Dec 2020 13:05

Instrument :
 BNA_N
 ClientSampleId :
 C0AD7DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	108.5	79.8	119.8
167	28.4	13.8	20.8

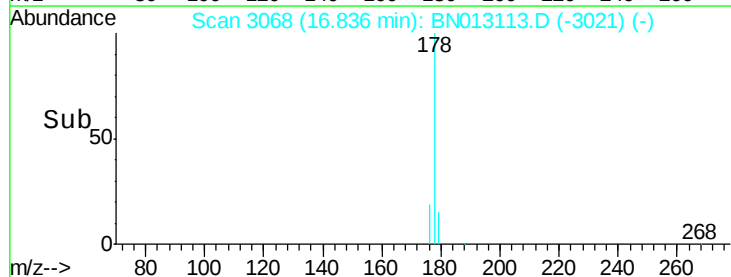
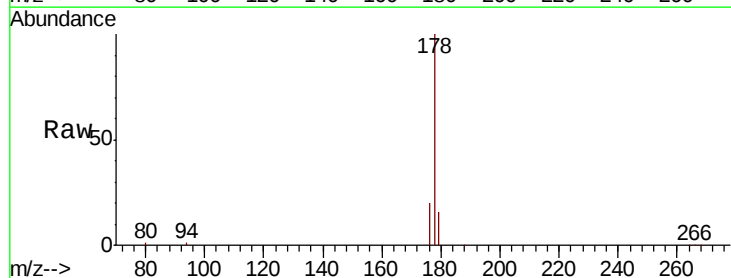
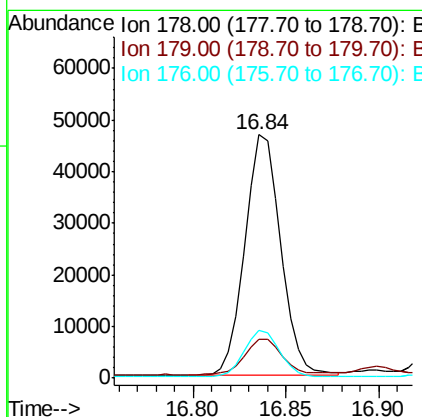
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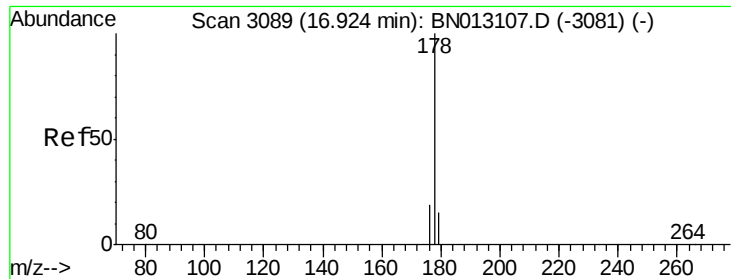
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#12
Phenanthrene
 Concen: 3.915 ng/ul
 RT: 16.84 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: BN013113.D
 Acq: 14 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.6	20.4
176	19.7	16.4	24.6





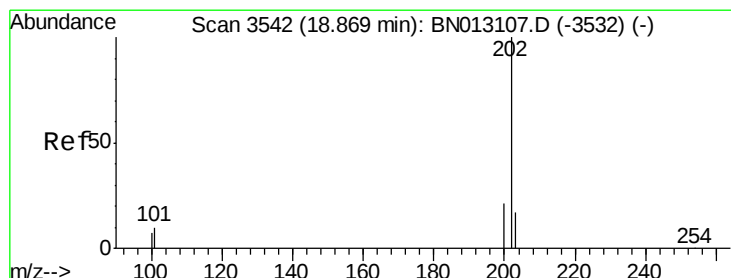
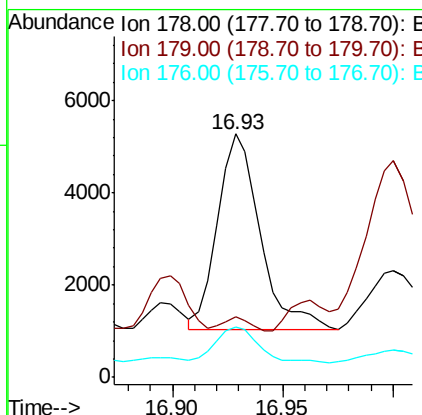
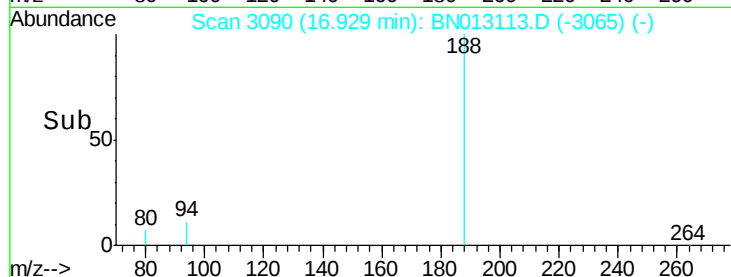
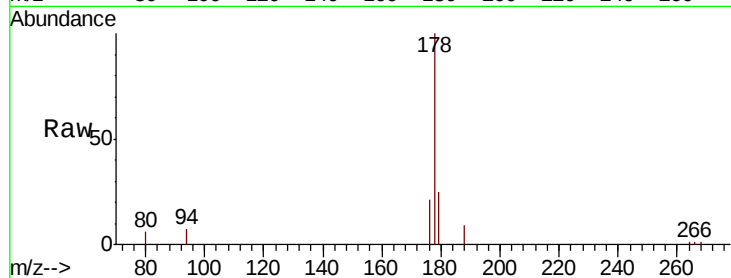
#13
 Anthracene
 Concen: 0.414 ng/ul
 RT: 16.93 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BN013113.D
 Acq: 14 Dec 2020 13:05

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	24.7	14.6	21.8#
176	20.9	17.1	25.7

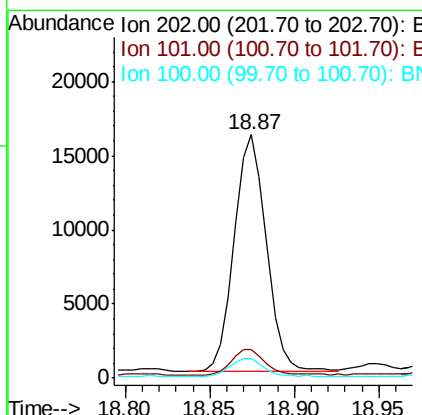
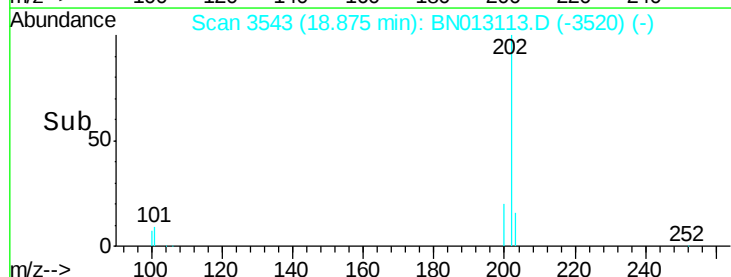
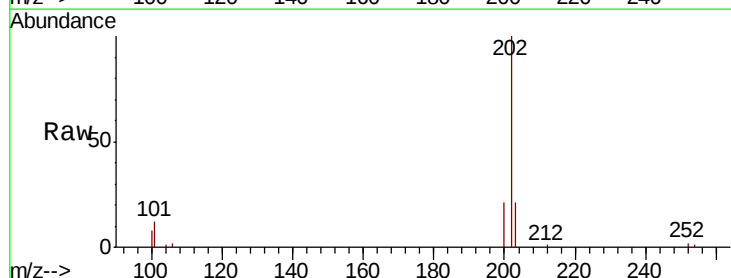
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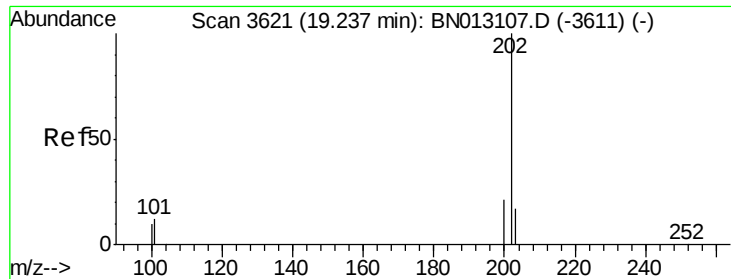
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#15
 Fluoranthene
 Concen: 1.115 ng/ul
 RT: 18.87 min Scan# 3543
 Delta R.T. 0.01 min
 Lab File: BN013113.D
 Acq: 14 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.6
100	8.0	0.0	28.7





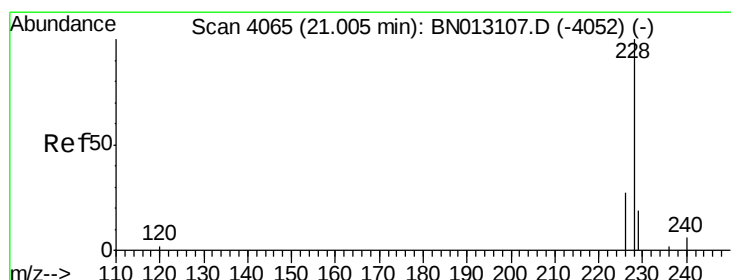
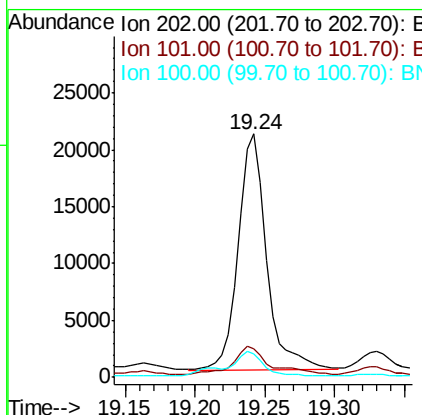
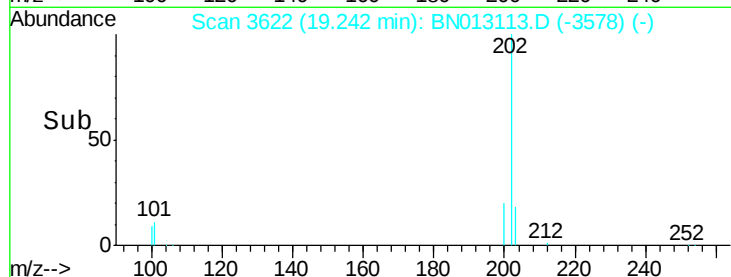
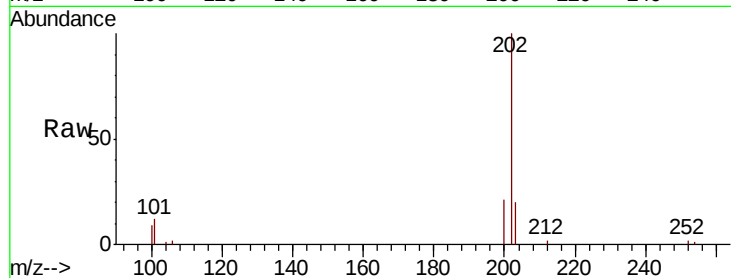
#17
Pvrene
Concen: 1.934 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. 0.01 min
Lab File: BN013113.D
Acq: 14 Dec 2020 13:05

Instrument :
BNA_N
ClientSampleId :
C0AD7DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.1	13.7
100	9.4	7.5	11.3

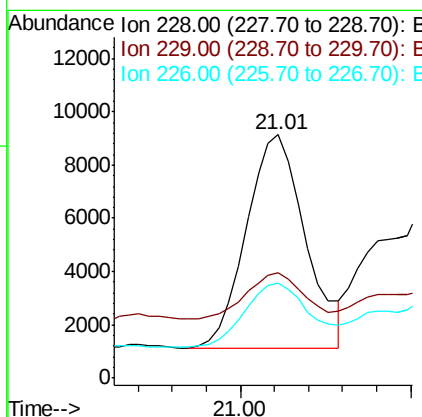
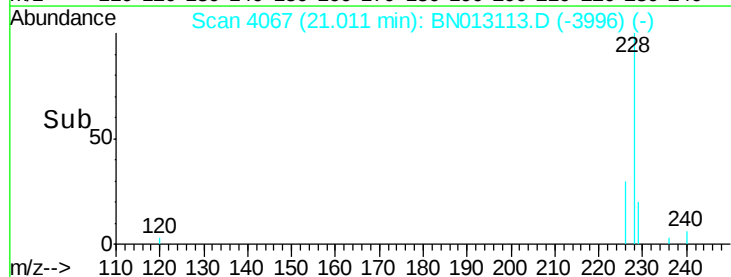
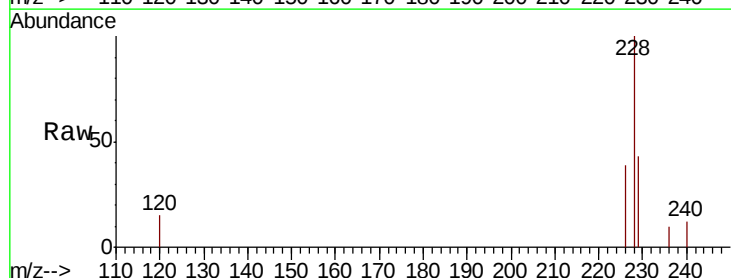
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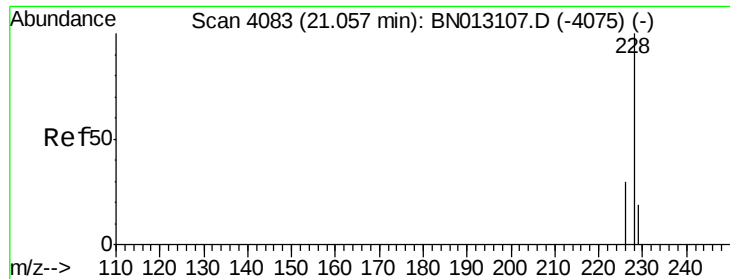
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#18
Benzo(a)anthracene
Concen: 0.715 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. 0.01 min
Lab File: BN013113.D
Acq: 14 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	43.2	16.3	24.5#
226	39.2	23.4	35.2#





#19

Chrysene

Concen: 0.692 ng/ul m

RT: 21.06 min Scan# 4084

Delta R.T. 0.00 min

Lab File: BN013113.D

Acq: 14 Dec 2020 13:05

Instrument :

BNA_N

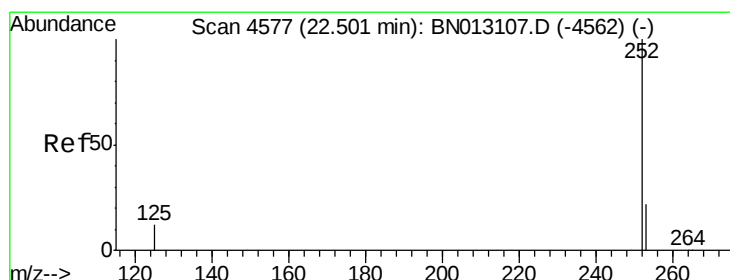
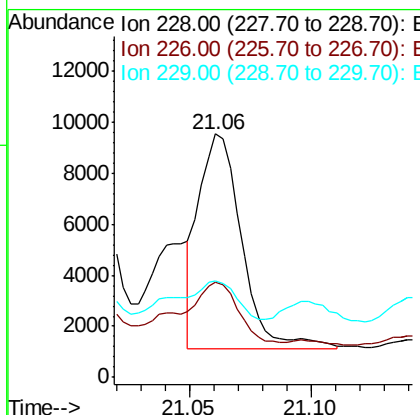
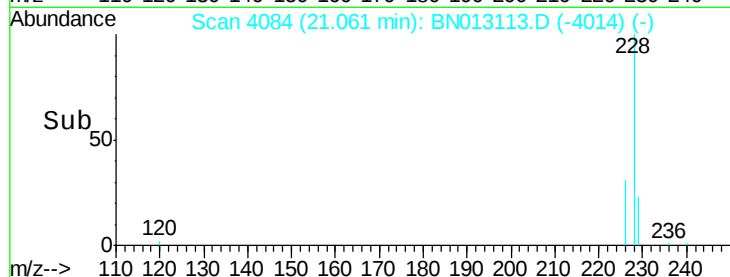
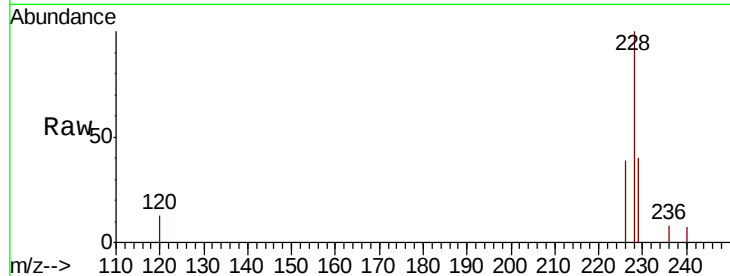
ClientSampleId :

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Tot Ion:	228	Resp:	10317
Ion Ratio	Lower	Upper	
228	100		
226	39.1	25.0	37.6#
229	39.8	16.4	24.6#

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#21

Benzo(b)fluoranthene

Concen: 0.801 ng/ul m

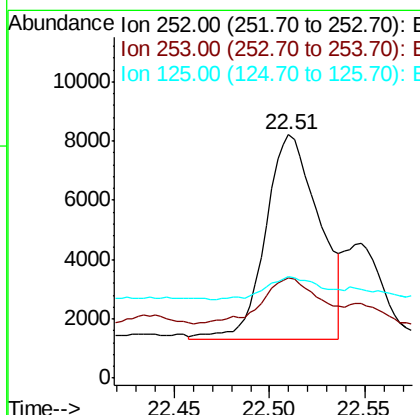
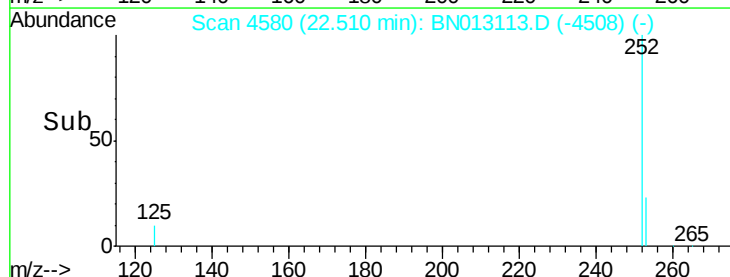
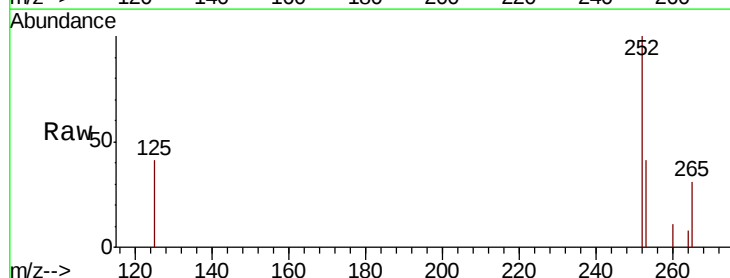
RT: 22.51 min Scan# 4580

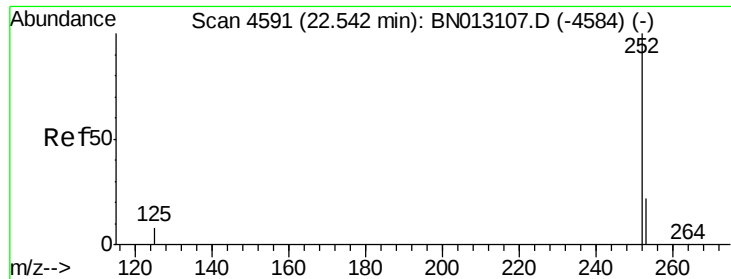
Delta R.T. 0.01 min

Lab File: BN013113.D

Acq: 14 Dec 2020 13:05

Tgt Ion:	252	Resp:	13556
Ion Ratio	Lower	Upper	
252	100		
253	41.3	0.0	59.6
125	41.4	0.0	26.0#





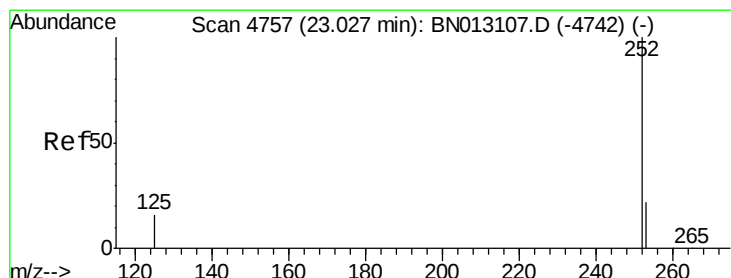
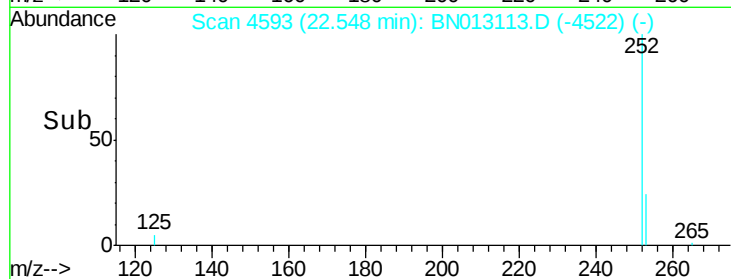
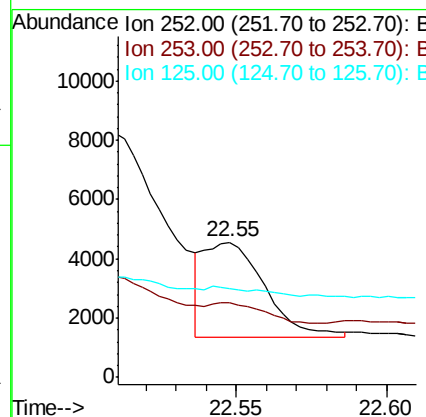
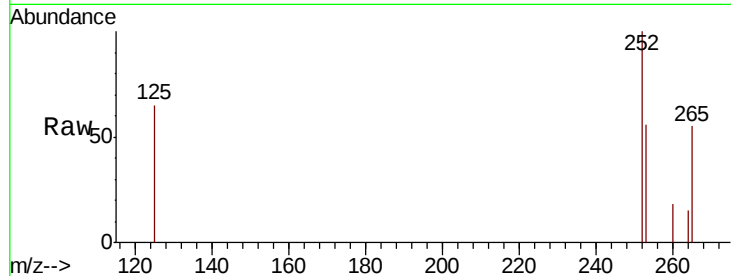
#22
Benzo(k)fluoranthene
Concen: 0.239 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. 0.01 min
Lab File: BN013113.D
Acq: 14 Dec 2020 13:05

Instrument :
BNA_N
ClientSampleId :
C0AD7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	55.6	23.4	35.2#
125	65.5	11.1	16.7#

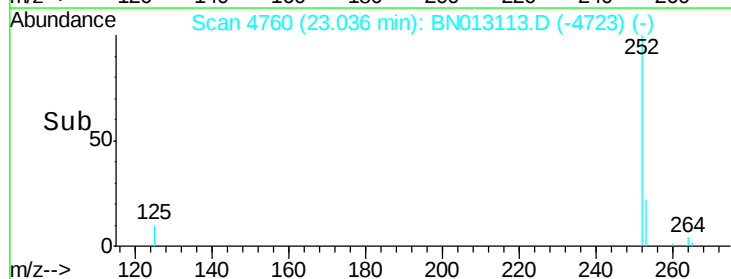
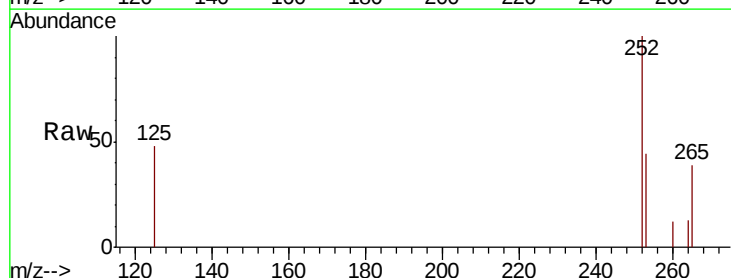
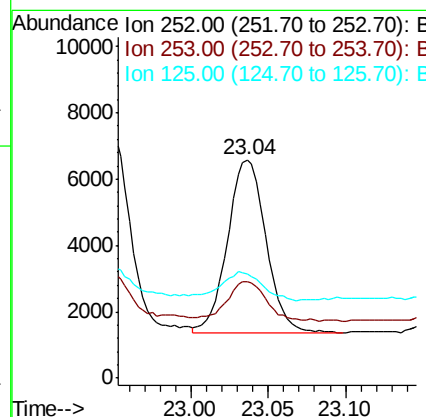
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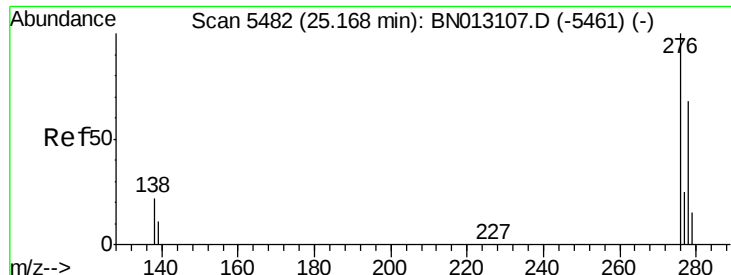
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#23
Benzo(a)pyrene
Concen: 0.584 ng/ul
RT: 23.04 min Scan# 4760
Delta R.T. 0.01 min
Lab File: BN013113.D
Acq: 14 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.1	26.5	39.7#
125	47.6	14.2	21.2#





#24

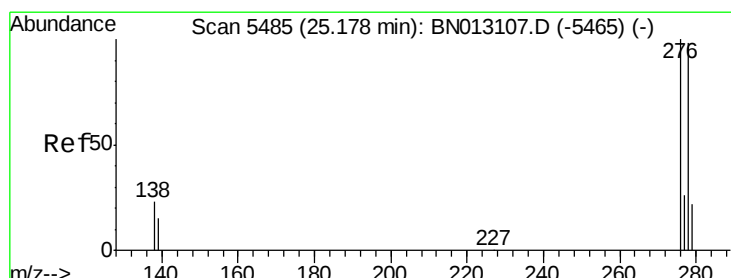
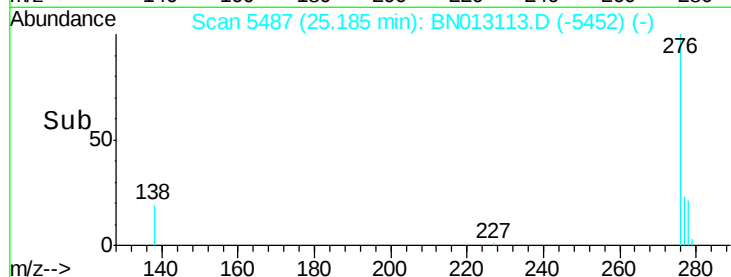
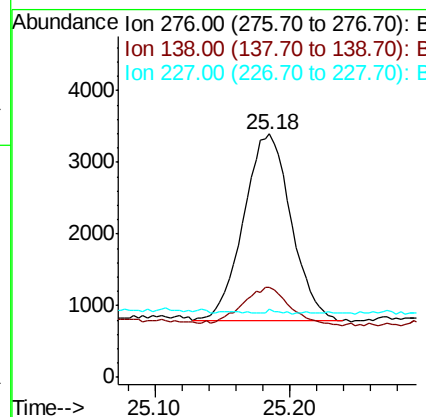
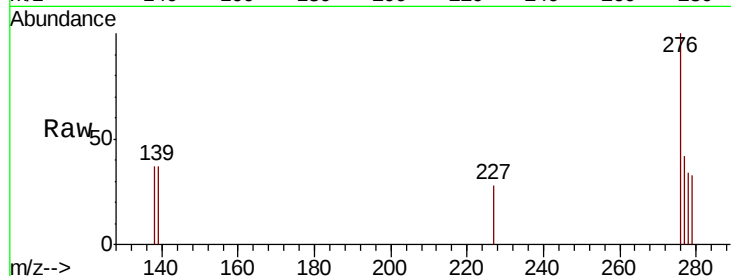
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. 0.02 min
Lab File: BN013113.D
Acq: 14 Dec 2020 13:05

Instrument :
BNA_N
ClientSampleId :
C0AD7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	16.2	24.2
227	0.5	0.0	0.0#

Manual Integrations
APPROVED

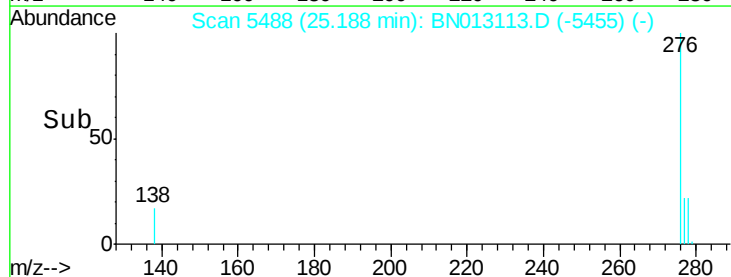
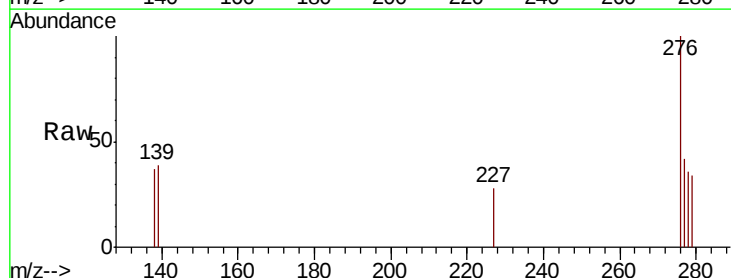
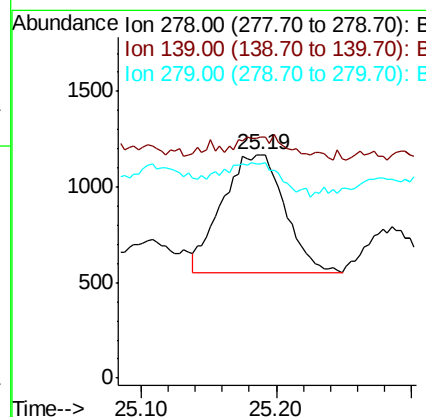
mohammad
12/15/2020 12:12:32 PM

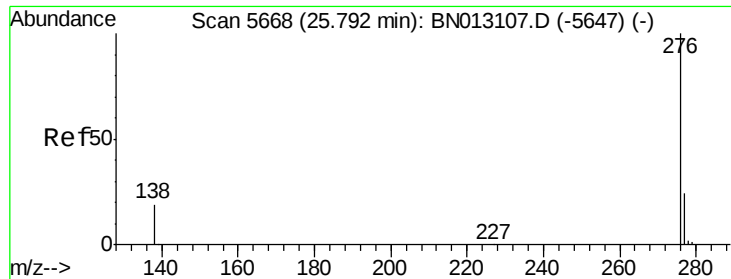


#25

Dibenzo(a,h)anthracene
Concen: 0.122 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. 0.01 min
Lab File: BN013113.D
Acq: 14 Dec 2020 13:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	107.8	14.5	21.7#
279	95.6	26.3	39.5#





#26
 Benzo(a,h,i)perylene
 Concen: 0.334 ng/ul
 RT: 25.81 min Scan# 5674
 Delta R.T. 0.02 min
 Lab File: BN013113.D
 Acq: 14 Dec 2020 13:05

Instrument :
 BNA_N
 ClientSampleId :
 C0AD7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.7	16.3	24.5#
277	42.1	21.8	32.6#

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:12:32 PM

