

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
 Data File : BN008501.D
 Acq On : 08 Nov 2019 10:29
 Operator : JU
 Sample : K5699-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2J00MS

Manual Integrations
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mohammad
 11/11/2019 8:08:43 AM

Quant Time: Nov 08 11:23:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 08 06:44:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1358	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	5914	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	3623	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	7622	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	7331	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	6974	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2372	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	8397	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	47937	2.848	ng/ul	97
5) 2-Methylnaphthalene	11.99	142	3700	0.330	ng/ul	99
7) Acenaphthylene	13.91	152	2907	0.172	ng/ul	95
8) Acenaphthene	14.25	153	7580	0.555	ng/ul	99
9) Fluorene	15.25	166	2525	0.169	ng/ul	98
11) Pentachlorophenol	16.61	266	568	0.342	ng/ul	100
12) Phenanthrene	16.98	178	4182	0.180	ng/ul	97
13) Anthracene	17.07	178	8753	0.431	ng/ul	99
15) Fluoranthene	19.01	202	24236	0.912	ng/ul	97
17) Pyrene	19.37	202	43890	1.226	ng/ul	99
18) Benzo(a)anthracene	21.14	228	14540	0.570	ng/ul	98
19) Chrysene	21.19	228	11867	0.365	ng/ul	98
21) Benzo(b)fluoranthene	22.68	252	35592m	1.369	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	11041m	0.374	ng/ul	
23) Benzo(a)pyrene	23.22	252	13805	0.528	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.46	276	7989	0.269	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.46	278	2029	0.086	ng/ul#	80
26) Benzo(g,h,i)perylene	26.11	276	6696	0.251	ng/ul	99

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

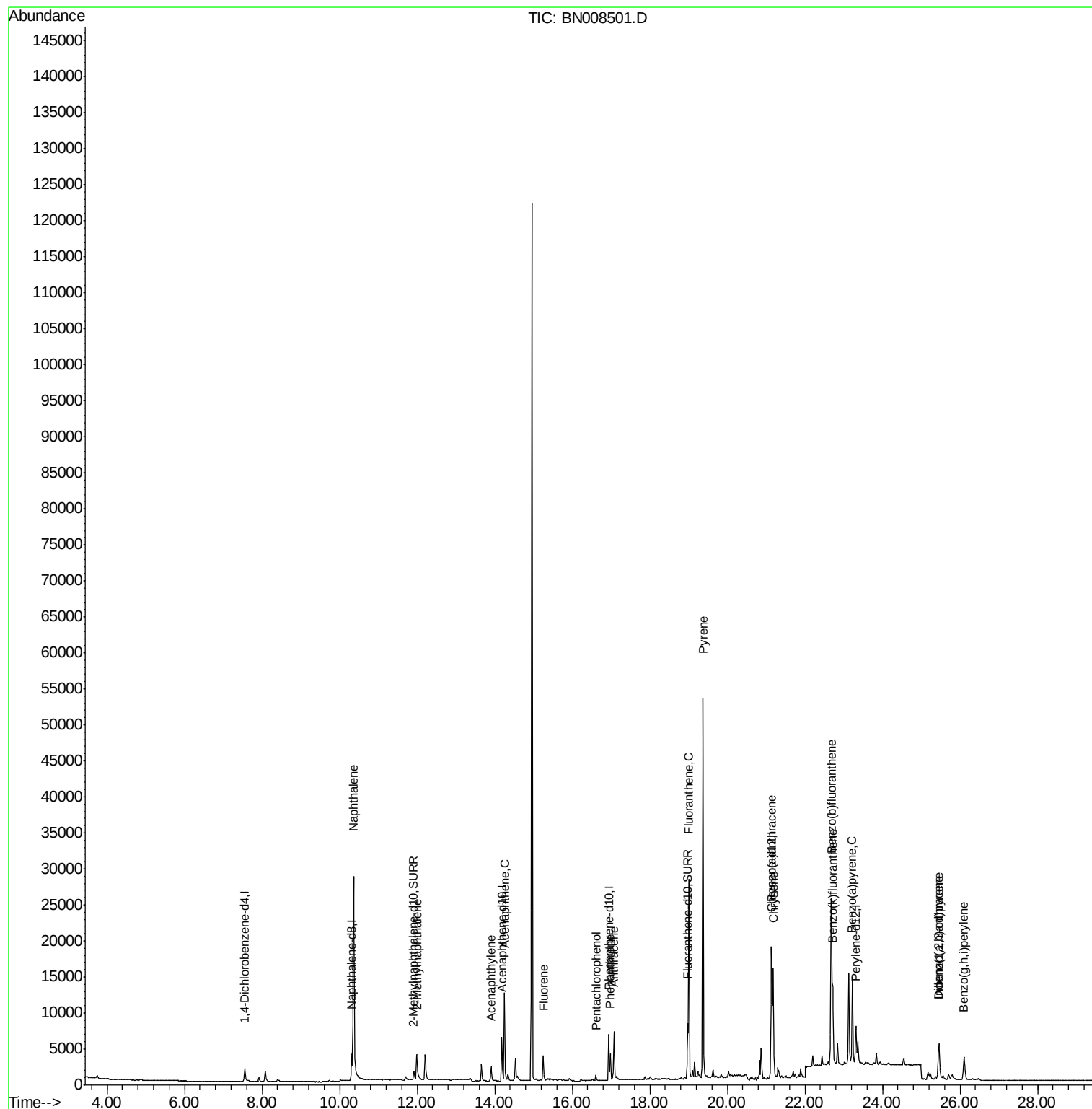
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
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ALS Vial : 21 Sample Multiplier: 1

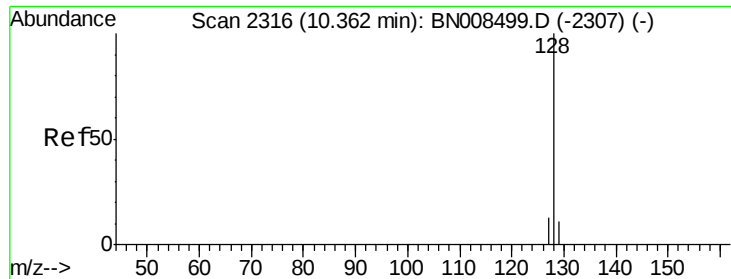
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
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QLast Update : Fri Nov 08 06:44:20 2019
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#3

Naphthalene

Concen: 2.848 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008501.D

Acq: 08 Nov 2019 10:29

Instrument :

BNA_N

ClientSampleId :

F2J00MS

Tot Ion:128 Resp: 47937

Ion Ratio Lower Upper

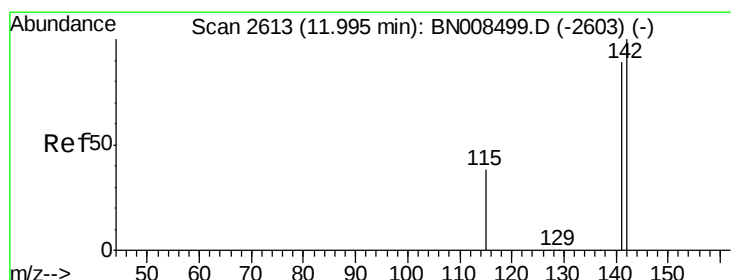
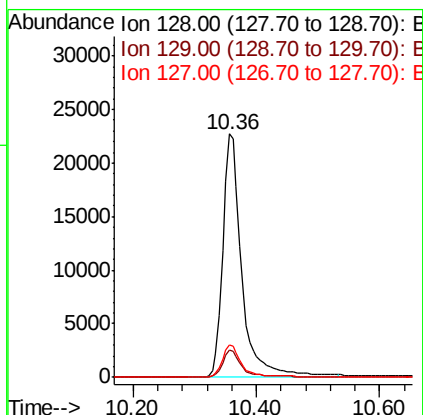
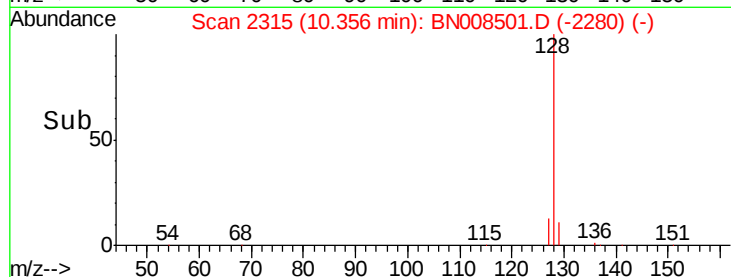
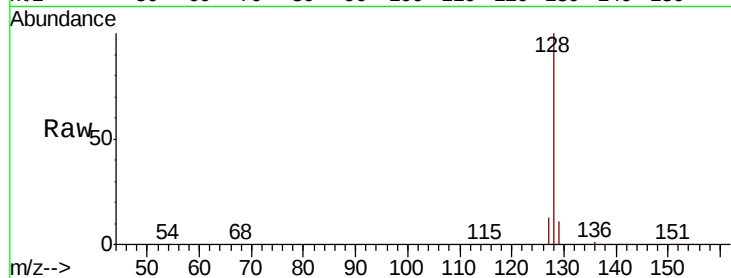
128 100

129 11.0 10.0 15.0

127 13.3 11.6 17.4

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#5

2-Methylnaphthalene

Concen: 0.330 ng/ul

RT: 11.99 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BN008501.D

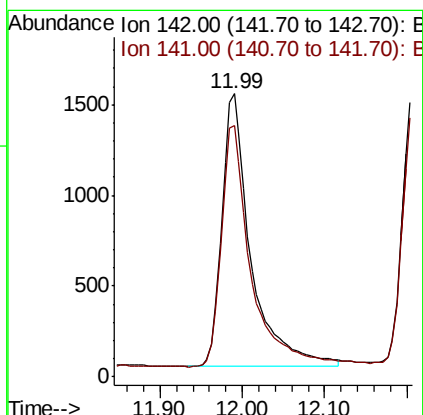
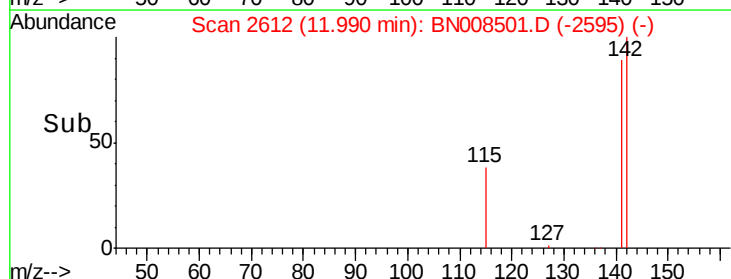
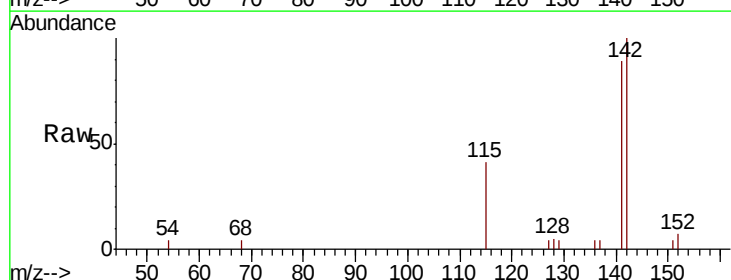
Acq: 08 Nov 2019 10:29

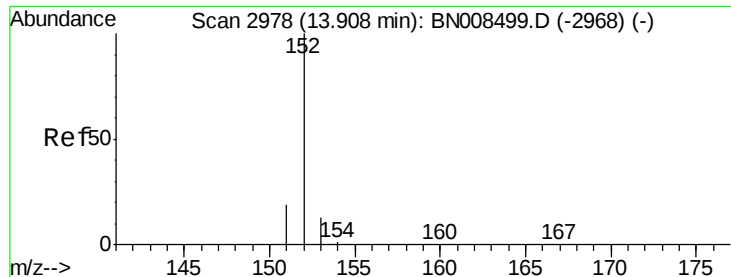
Tgt Ion:142 Resp: 3700

Ion Ratio Lower Upper

142 100

141 90.1 72.8 109.2





#7

Acenaphthylene

Concen: 0.172 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BN008501.D

Acq: 08 Nov 2019 10:29

Instrument :

BNA_N

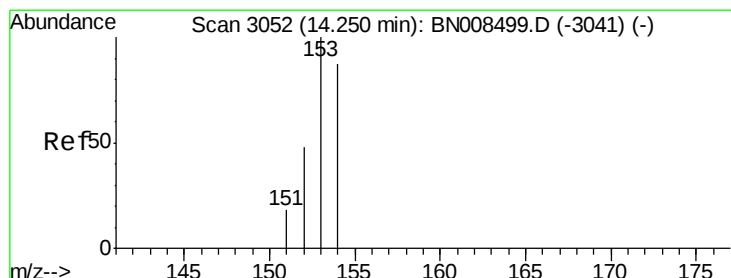
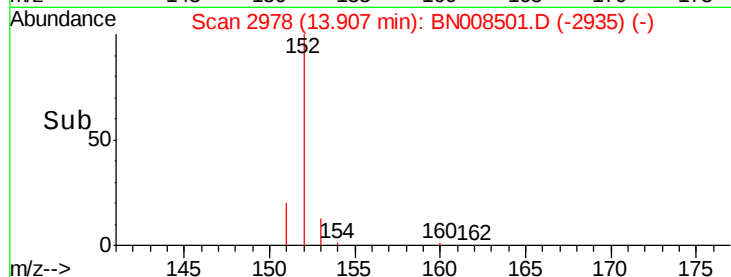
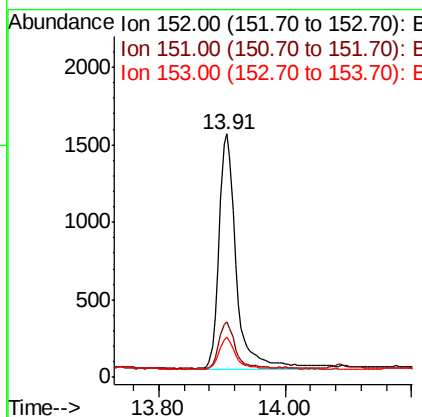
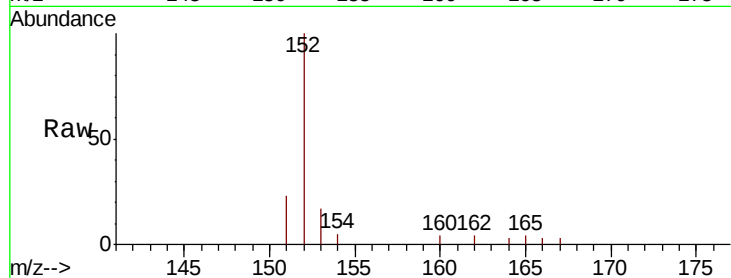
ClientSampleId :

F2J00MS

Tot Ion:	152	Resp:	2907
Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.7	25.1
153	16.7	11.4	17.2

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#8

Acenaphthene

Concen: 0.555 ng/ul

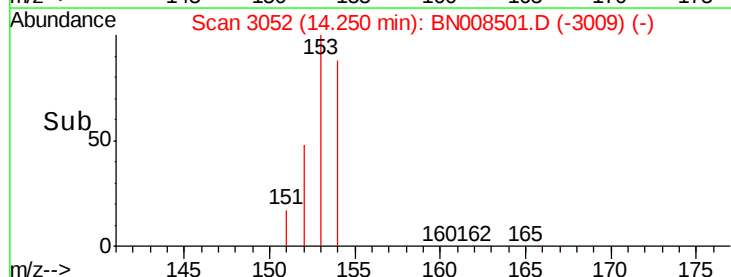
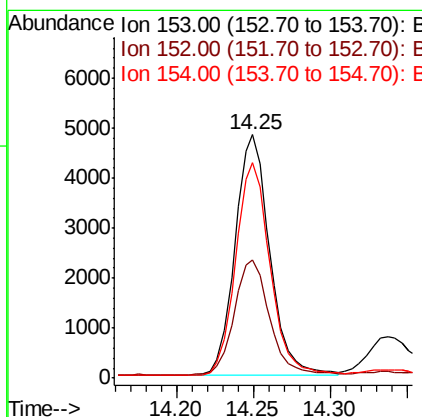
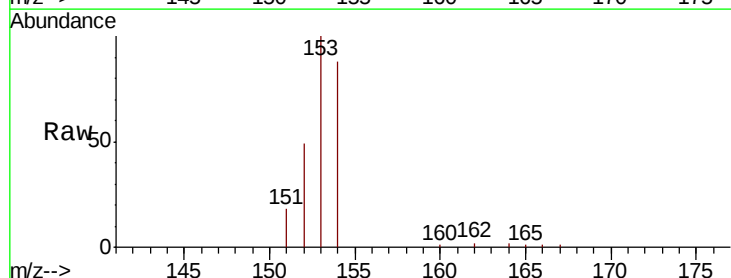
RT: 14.25 min Scan# 3052

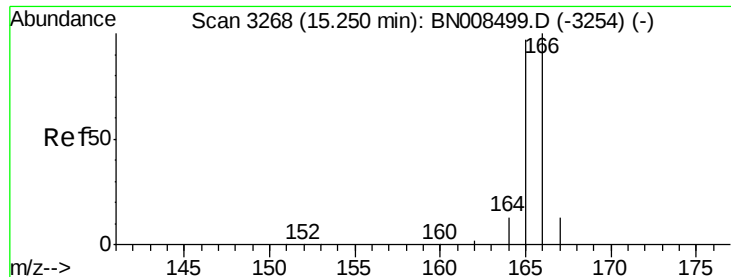
Delta R.T. -0.00 min

Lab File: BN008501.D

Acq: 08 Nov 2019 10:29

Tgt Ion:	153	Resp:	7580
Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.8	59.8
154	88.3	71.6	107.4





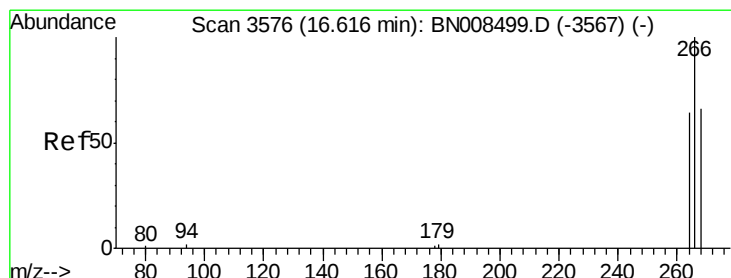
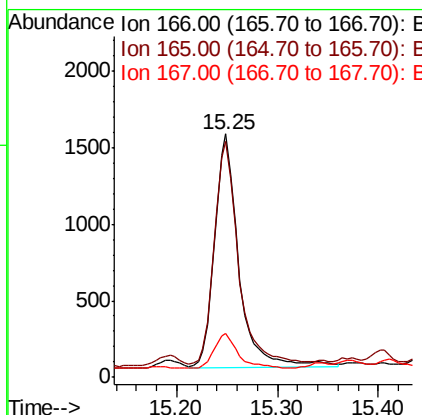
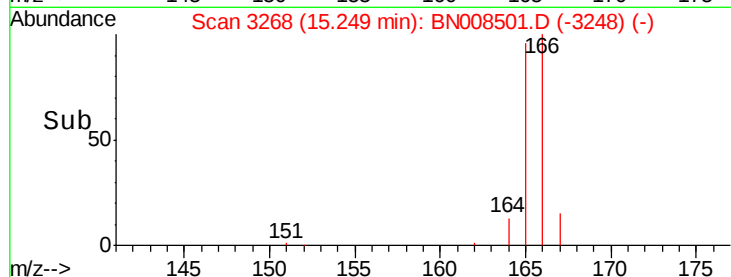
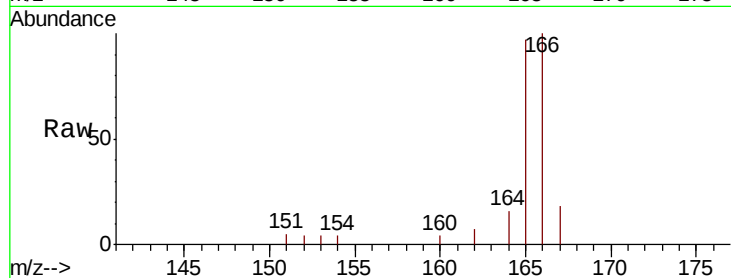
#9
Fluorene
 Concen: 0.169 ng/ul
 RT: 15.25 min Scan# 3268
 Delta R.T. -0.01 min
 Lab File: BN008501.D
 Acq: 08 Nov 2019 10:29

Instrument :
 BNA_N
 ClientSampleId :
 F2J00MS

Tot Ion:	166	Resp:	2525
Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.2	117.2
167	17.9	12.1	18.1

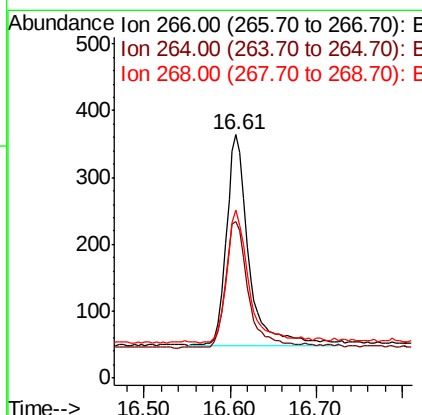
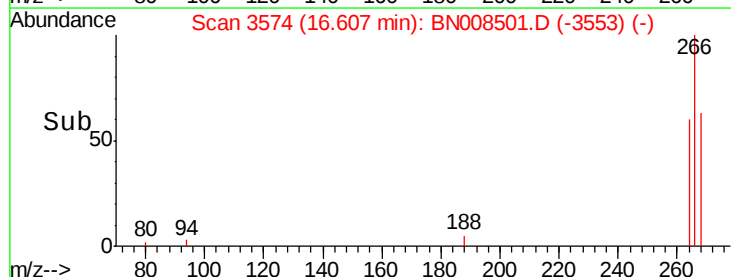
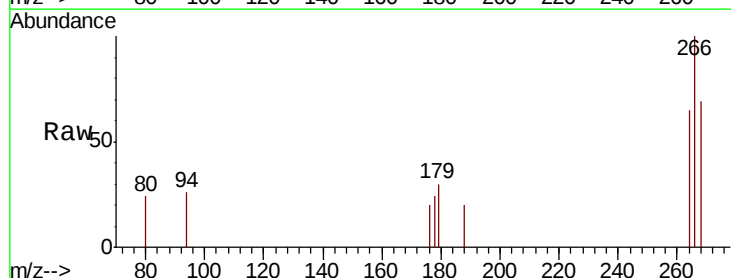
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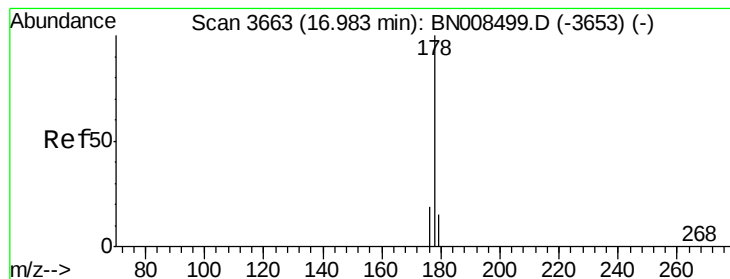
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#11
Pentachlorophenol
 Concen: 0.342 ng/ul
 RT: 16.61 min Scan# 3574
 Delta R.T. -0.01 min
 Lab File: BN008501.D
 Acq: 08 Nov 2019 10:29

Tgt Ion:	266	Resp:	568
Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.8	74.8
268	63.6	51.0	76.6





#12

Phenanthrene

Concen: 0.180 ng/ul

RT: 16.98 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BN008501.D

Acq: 08 Nov 2019 10:29

Instrument :

BNA_N

ClientSampleId :

F2J00MS

Tot Ion:178 Resp: 4182

Ion Ratio Lower Upper

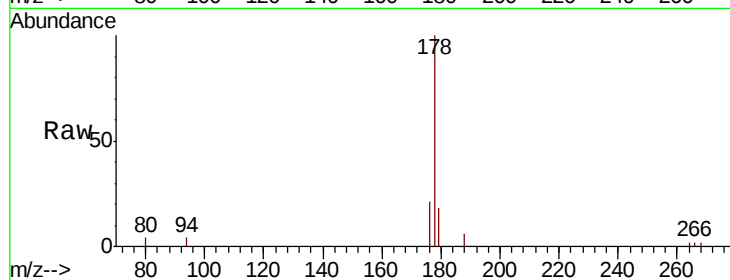
178 100

179 18.2 13.2 19.8

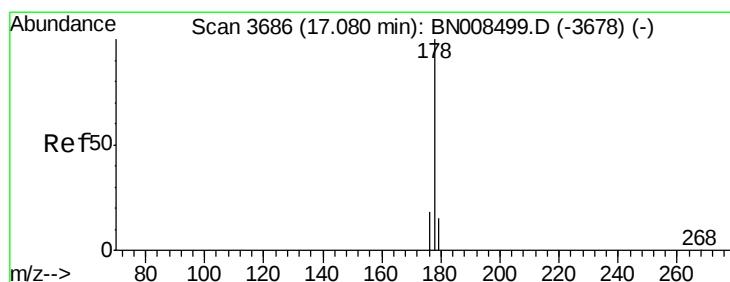
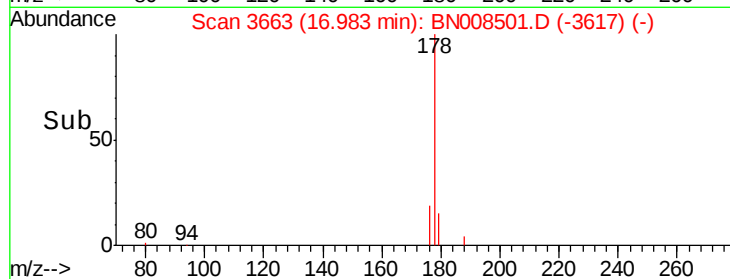
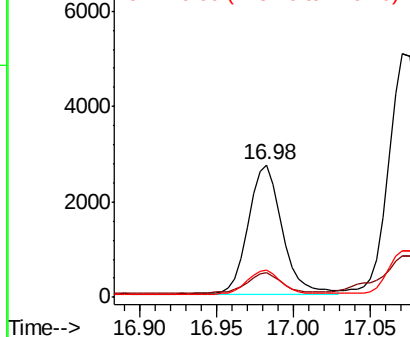
176 20.8 15.6 23.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.431 ng/ul

RT: 17.07 min Scan# 3684

Delta R.T. -0.01 min

Lab File: BN008501.D

Acq: 08 Nov 2019 10:29

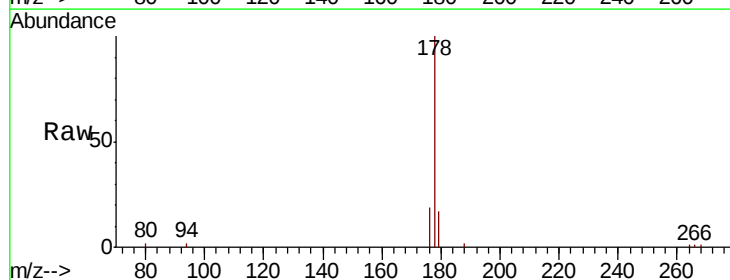
Tgt Ion:178 Resp: 8753

Ion Ratio Lower Upper

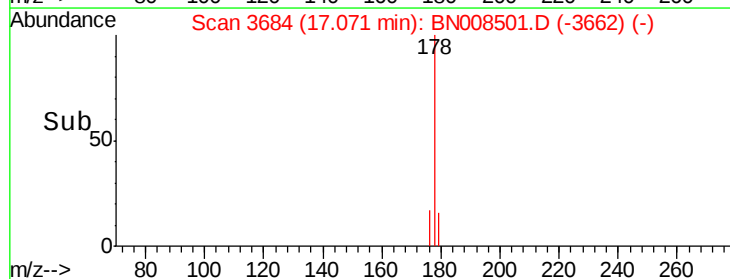
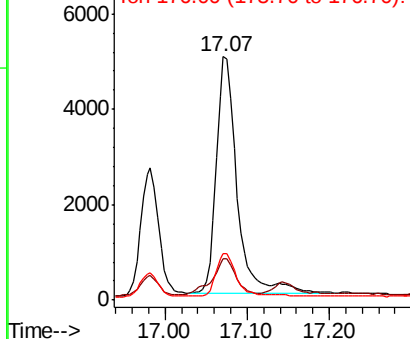
178 100

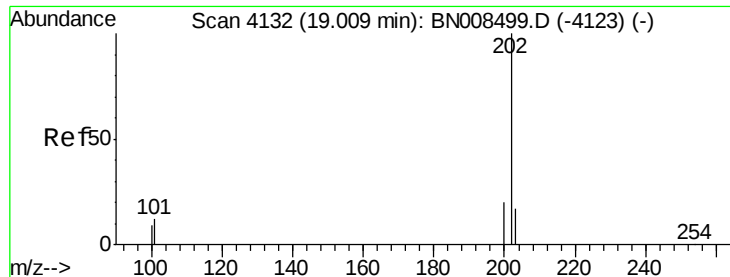
179 17.2 13.7 20.5

176 19.1 15.7 23.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.912 ng/ul

RT: 19.01 min Scan# 4132

Delta R.T. -0.01 min

Lab File: BN008501.D

Acq: 08 Nov 2019 10:29

Instrument :

BNA_N

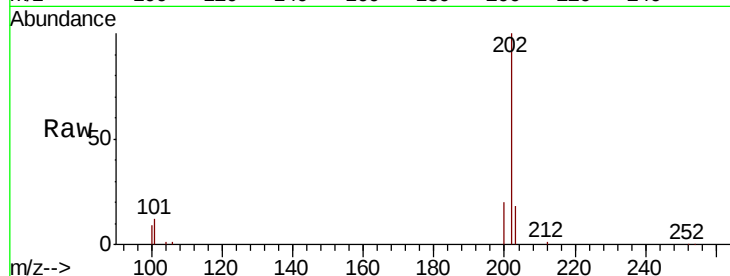
ClientSampleId :

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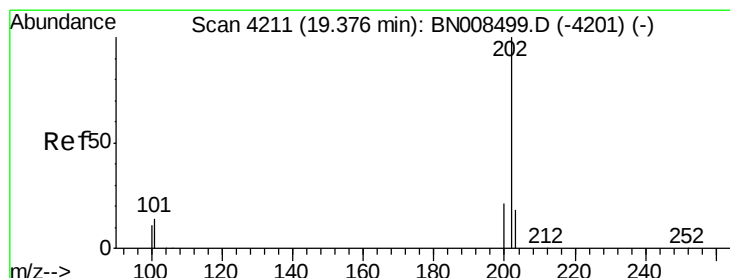
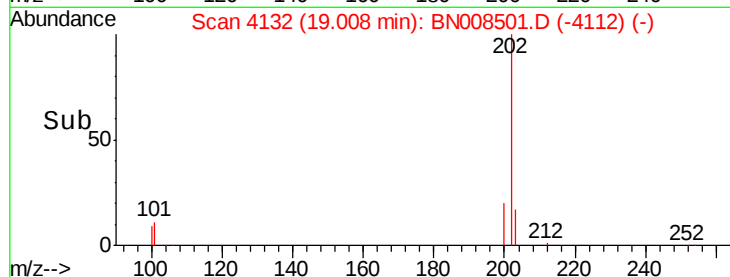
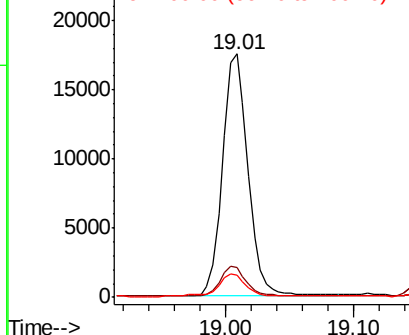
Tot Ion:	202	Resp:	24236
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.0
100	9.0	0.0	30.2

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



#17

Pyrene

Concen: 1.226 ng/ul

RT: 19.37 min Scan# 4210

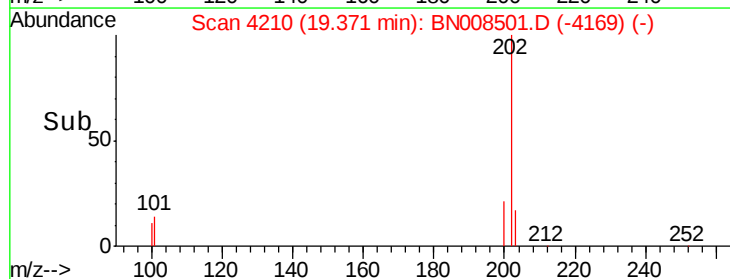
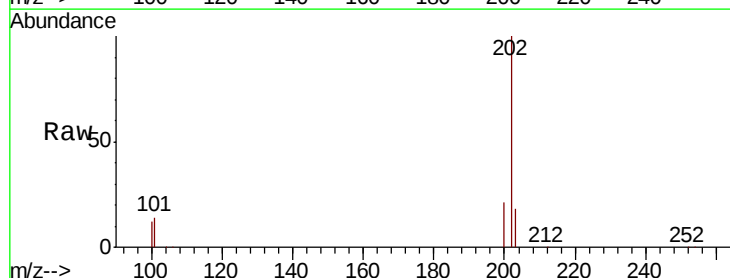
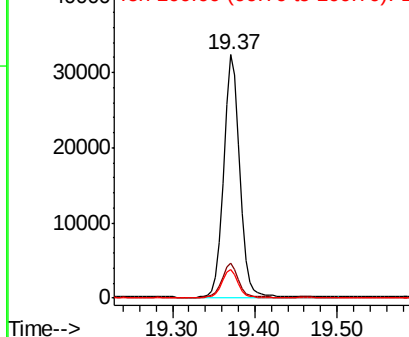
Delta R.T. -0.01 min

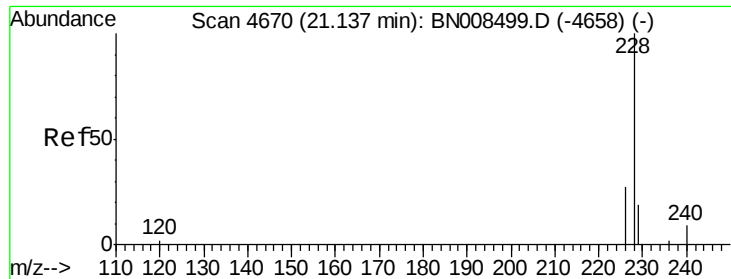
Lab File: BN008501.D

Acq: 08 Nov 2019 10:29

Tgt Ion:	202	Resp:	43890
Ion Ratio	Lower	Upper	
202	100		
101	14.2	11.6	17.4
100	11.6	9.4	14.0

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





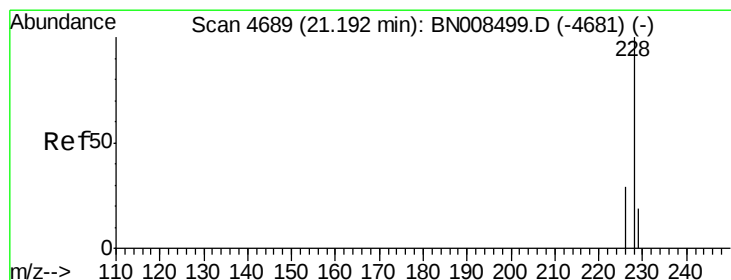
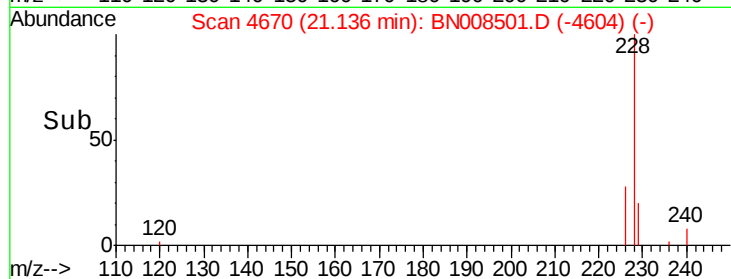
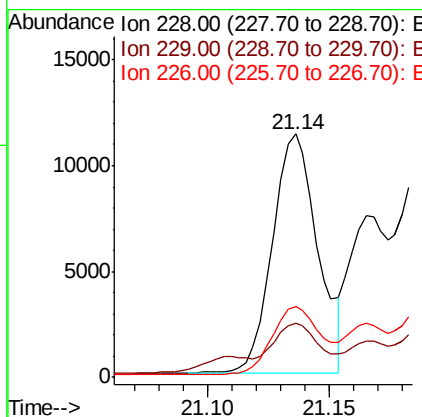
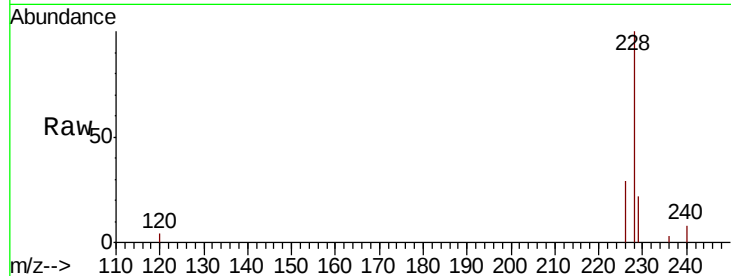
#18
Benzo(a)anthracene
Concen: 0.570 ng/ul
RT: 21.14 min Scan# 4670
Delta R.T. -0.01 min
Lab File: BN008501.D
Acq: 08 Nov 2019 10:29

Instrument :
BNA_N
ClientSampleId :
F2J00MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.6	24.8
226	29.3	22.8	34.2

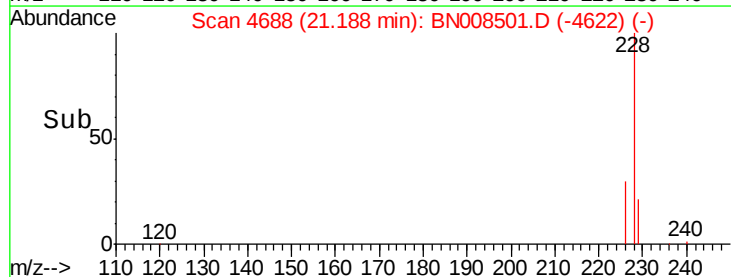
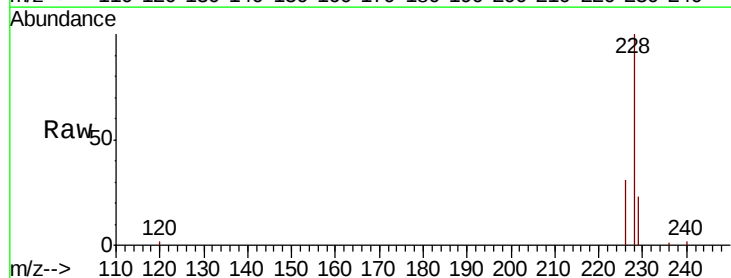
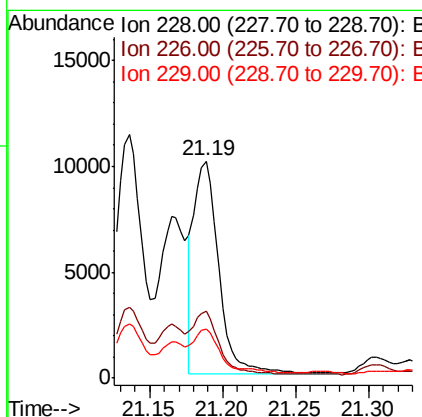
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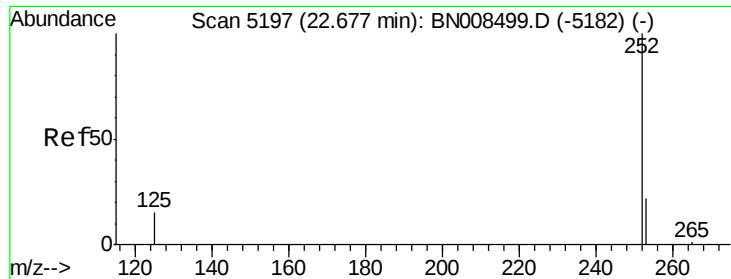
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#19
Chrysene
Concen: 0.365 ng/ul
RT: 21.19 min Scan# 4688
Delta R.T. -0.01 min
Lab File: BN008501.D
Acq: 08 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.6	16.6	25.0





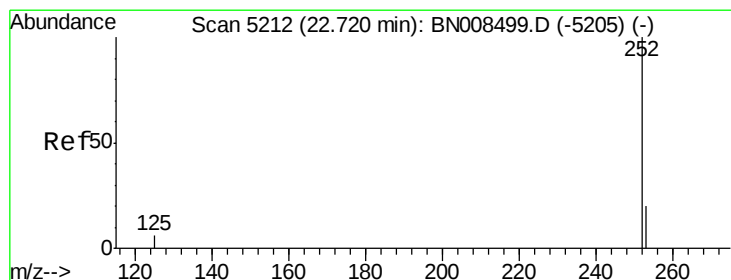
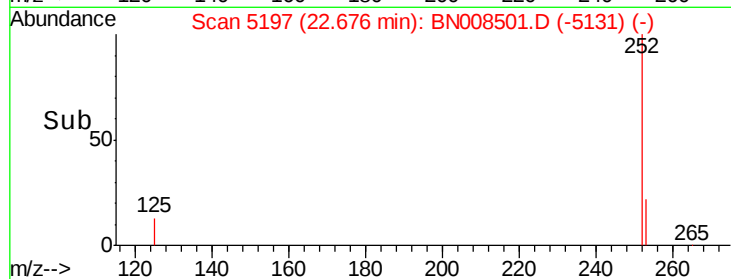
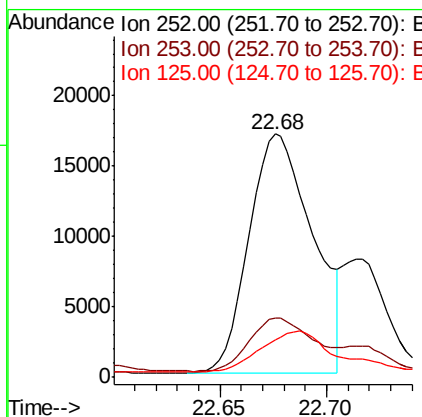
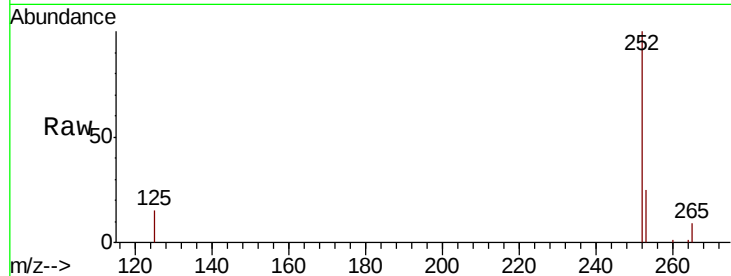
#21
Benzo(b)fluoranthene
Concen: 1.369 ng/ul m
RT: 22.68 min Scan# 5197
Delta R.T. -0.01 min
Lab File: BN008501.D
Acq: 08 Nov 2019 10:29

Instrument :
BNA_N
ClientSampleId :
F2J00MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	58.4
125	15.3	0.0	58.6

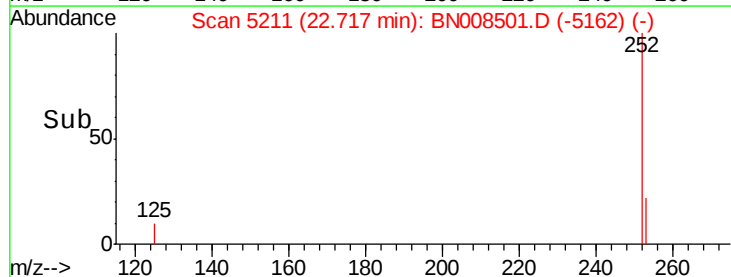
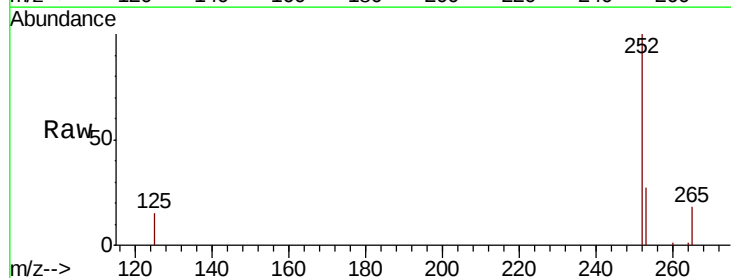
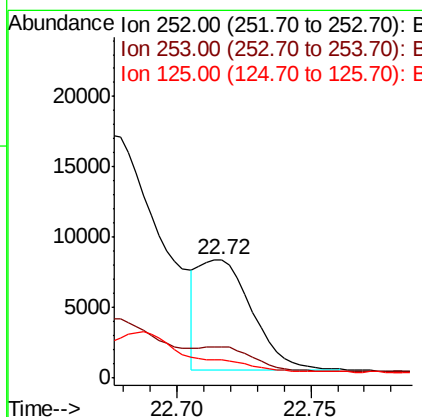
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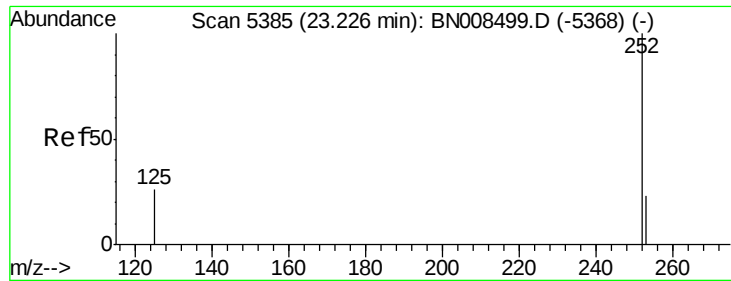
mohammad
11/11/2019 8:08:43 AM



#22
Benzo(k)fluoranthene
Concen: 0.374 ng/ul m
RT: 22.72 min Scan# 5211
Delta R.T. -0.01 min
Lab File: BN008501.D
Acq: 08 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	22.6	34.0
125	15.0	14.7	22.1





#23

Benzo(a)pyrene

Concen: 0.528 ng/ul

RT: 23.22 min Scan# 5384

Delta R.T. -0.01 min

Lab File: BN008501.D

Acq: 08 Nov 2019 10:29

Instrument :

BNA_N

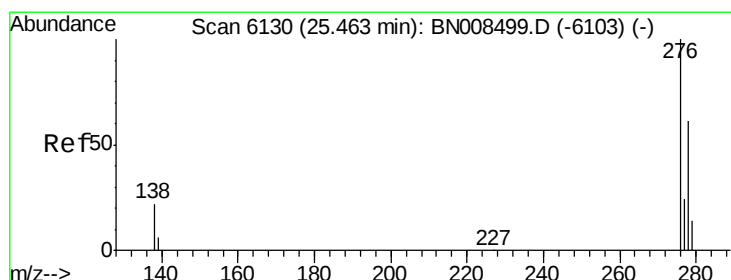
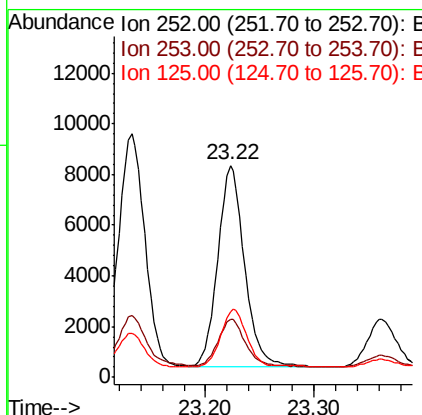
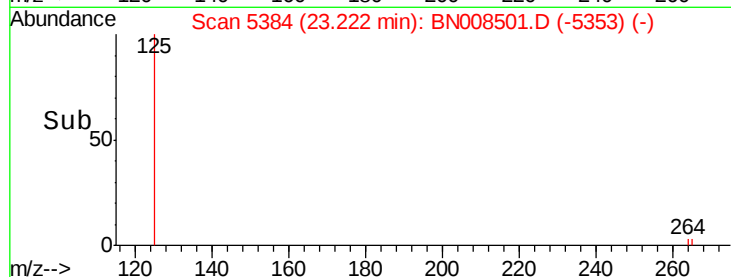
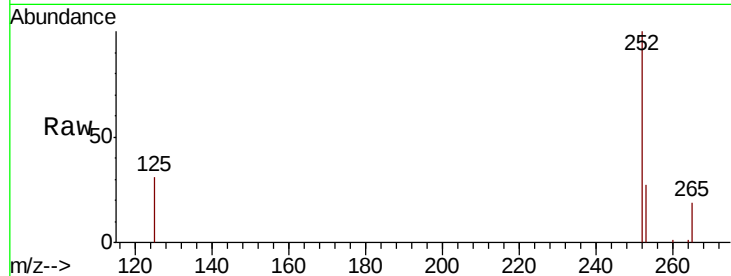
ClientSampleId :

F2J00MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	27.2	40.8
125	31.0	37.0	55.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.269 ng/ul

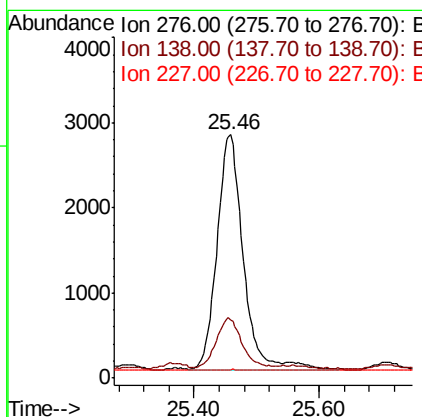
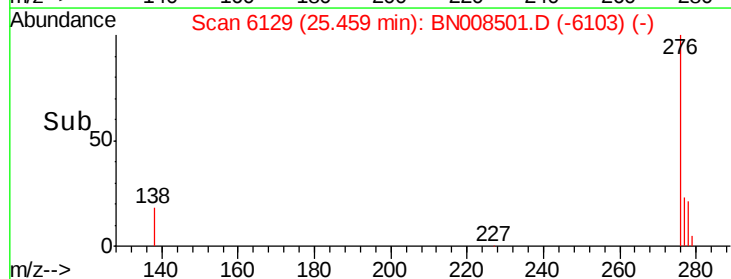
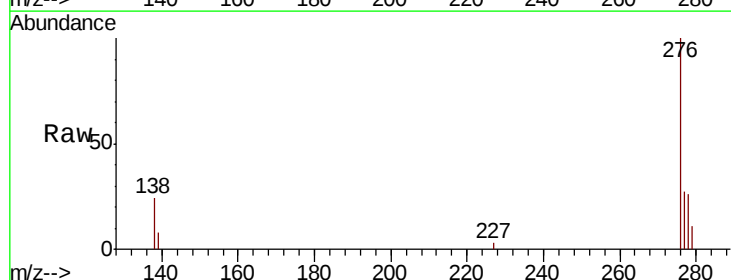
RT: 25.46 min Scan# 6129

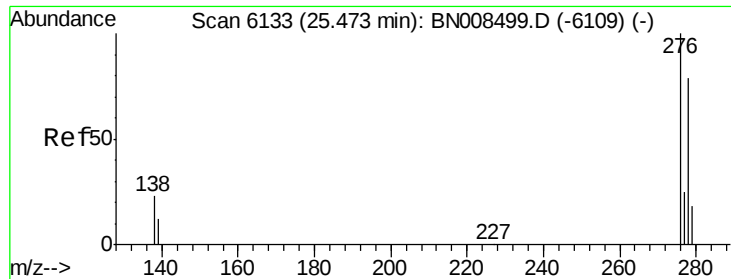
Delta R.T. -0.01 min

Lab File: BN008501.D

Acq: 08 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	18.3	27.5
227	0.1	0.0	0.0





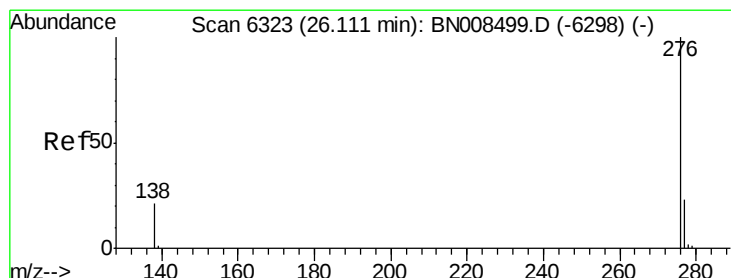
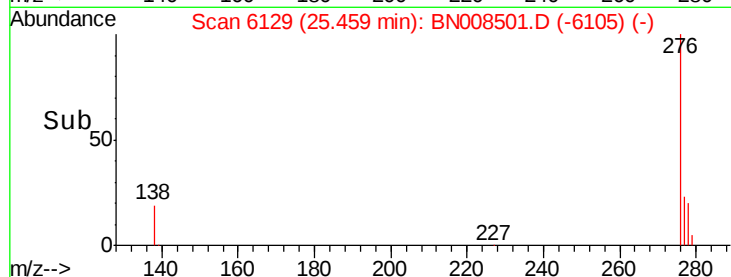
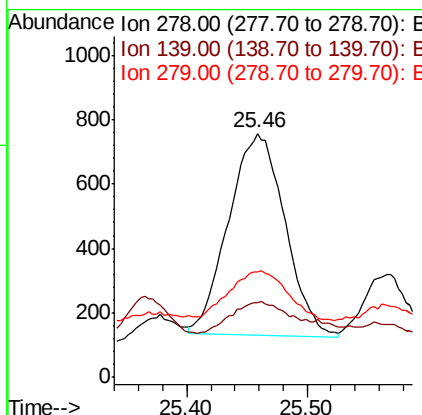
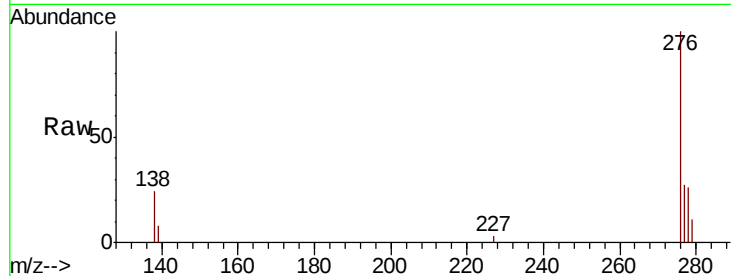
#25
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 25.46 min Scan# 6129
Delta R.T. -0.02 min
Lab File: BN008501.D
Acq: 08 Nov 2019 10:29

Instrument :
BNA_N
ClientSampleId :
F2J00MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	30.4	17.6	26.4#
279	43.1	25.1	37.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.251 ng/ul
RT: 26.11 min Scan# 6322
Delta R.T. -0.01 min
Lab File: BN008501.D
Acq: 08 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.1	30.1
277	26.9	20.6	31.0

