

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008918.D
 Acq On : 11 Dec 2019 15:47
 Operator : JU
 Sample : K6088-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BM8DL

Manual Integrations
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 12/12/2019 11:27:05 AM

Quant Time: Dec 12 01:18:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 11 10:35:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2427	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	10722	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7162	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16303	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14225	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15463	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	620	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	1981	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	9410	0.291	ng/ul	98
5) 2-Methylnaphthalene	11.98	142	12919	0.572	ng/ul	100
7) Acenaphthylene	13.90	152	2004	0.051	ng/ul#	86
8) Acenaphthene	14.25	153	623	0.021	ng/ul	94
9) Fluorene	15.24	166	1592	0.046	ng/ul#	87
12) Phenanthrene	16.97	178	39597	0.720	ng/ul	99
13) Anthracene	17.06	178	7030	0.135	ng/ul	97
15) Fluoranthene	19.00	202	45893	0.679	ng/ul	100
17) Pyrene	19.36	202	57472	1.007	ng/ul	99
18) Benzo(a)anthracene	21.12	228	50346	0.880	ng/ul	97
19) Chrysene	21.17	228	79578m	1.416	ng/ul	
21) Benzo(b)fluoranthene	22.65	252	55685m	0.873	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	14374m	0.227	ng/ul	
23) Benzo(a)pyrene	23.19	252	40043	0.669	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.39	276	19789	0.283	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.40	278	14419	0.255	ng/ul#	83
26) Benzo(a,h,i)perylene	26.03	276	23917	0.408	ng/ul	98

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

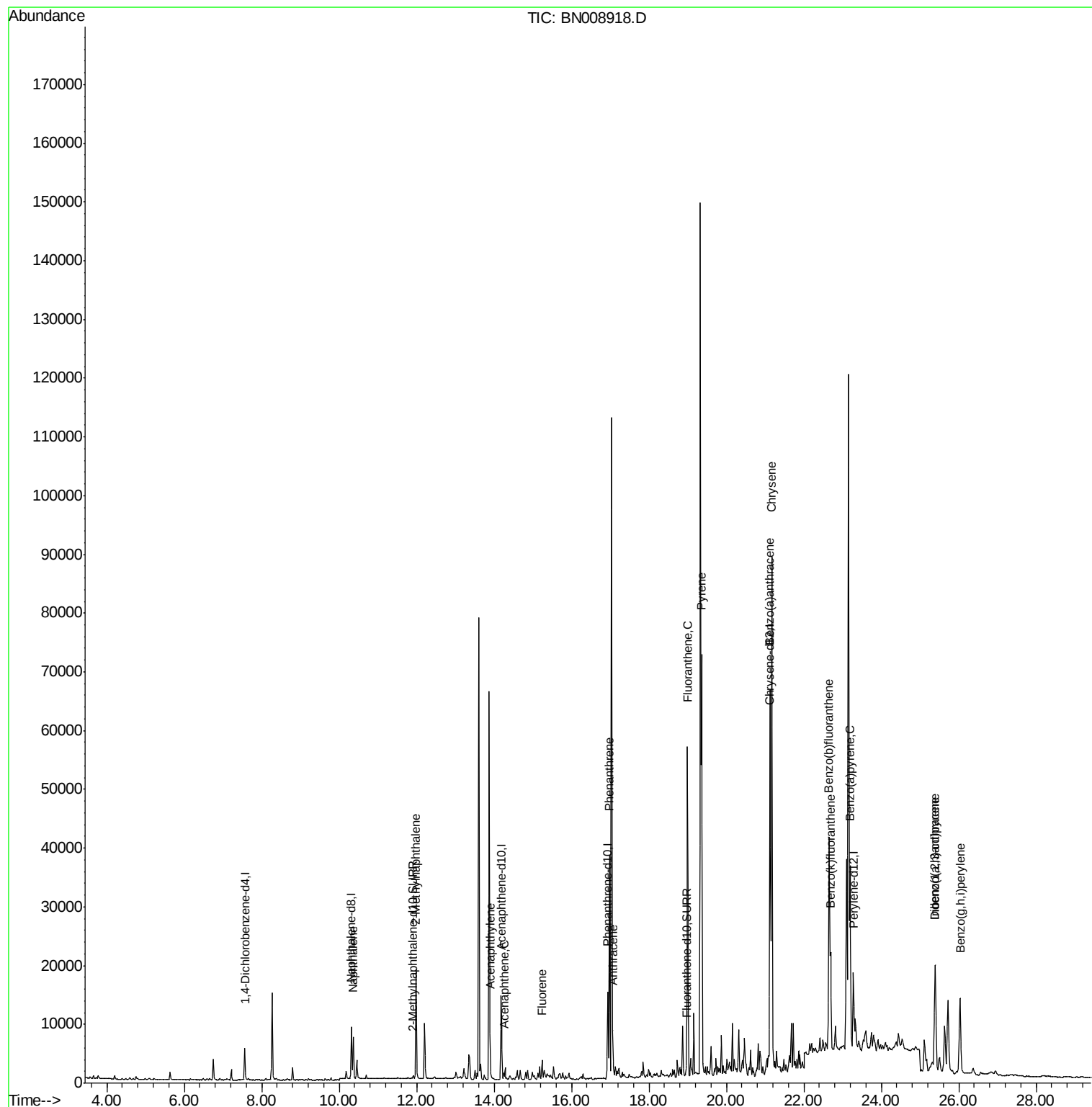
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008918.D
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ALS Vial : 11 Sample Multiplier: 1

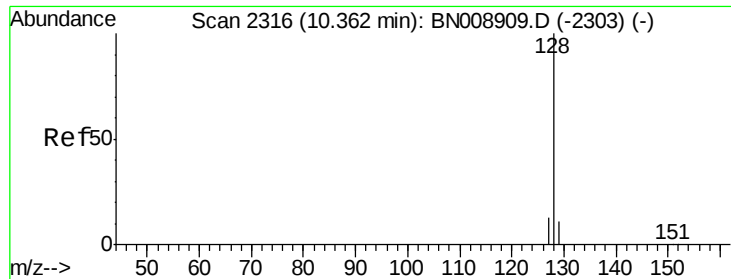
Instrument :
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Quant Time: Dec 12 01:18:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.291 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BN008918.D

Acq: 11 Dec 2019 15:47

Instrument :

BNA_N

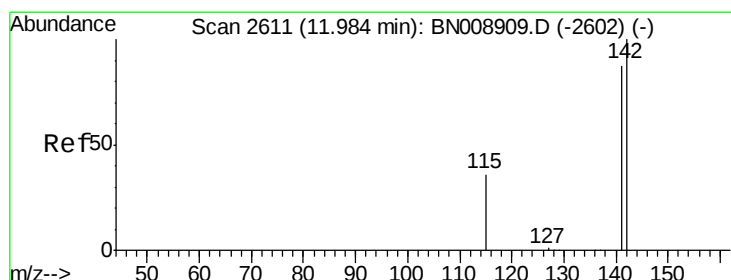
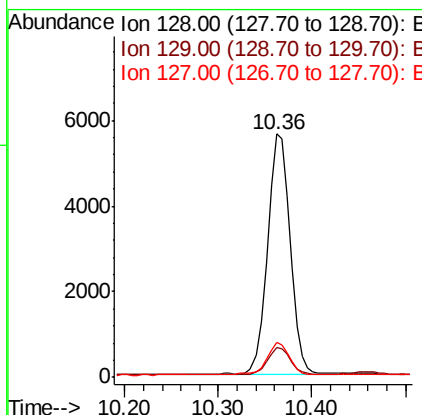
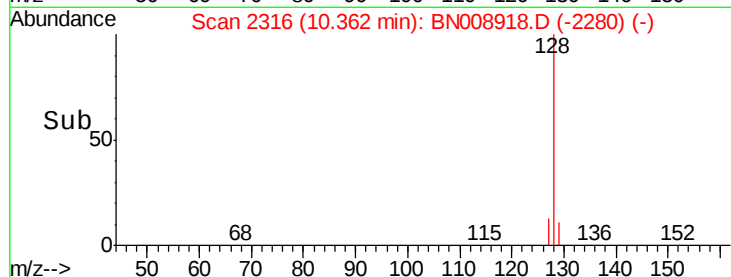
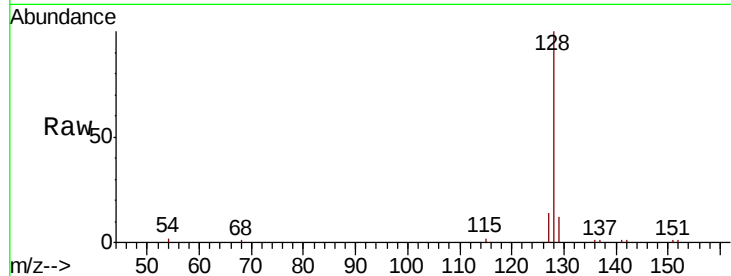
ClientSampleId :

C0BM8DL

Tot Ion:	128	Resp:	9410
Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.3	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.572 ng/ul

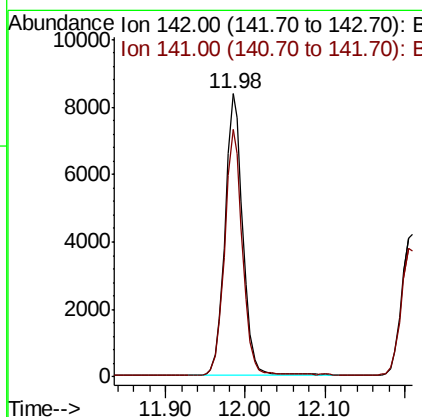
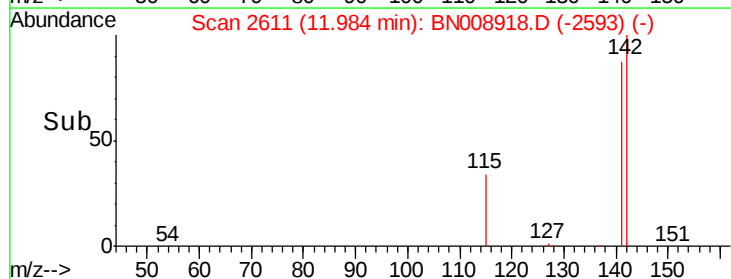
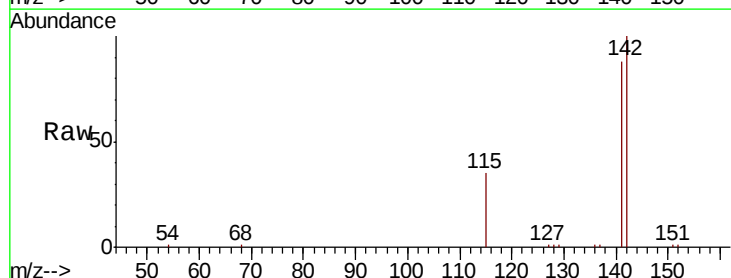
RT: 11.98 min Scan# 2611

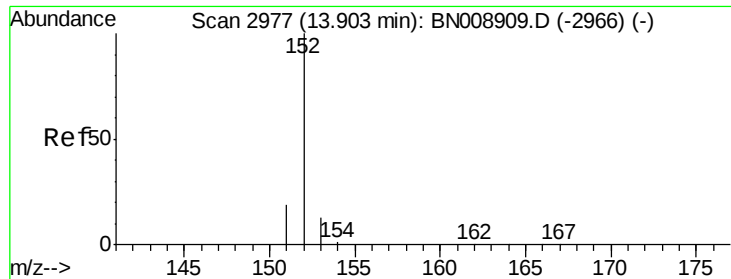
Delta R.T. -0.00 min

Lab File: BN008918.D

Acq: 11 Dec 2019 15:47

Tgt Ion:	142	Resp:	12919
Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.1	105.1





#7

Acenaphthylene

Concen: 0.051 ng/ul

RT: 13.90 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BN008918.D

Acq: 11 Dec 2019 15:47

Instrument :

BNA_N

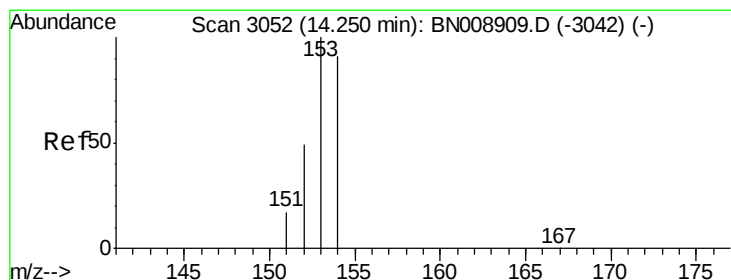
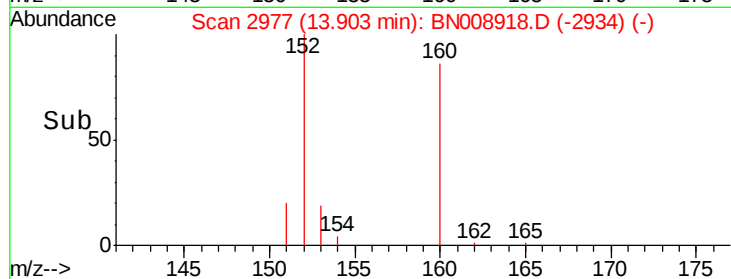
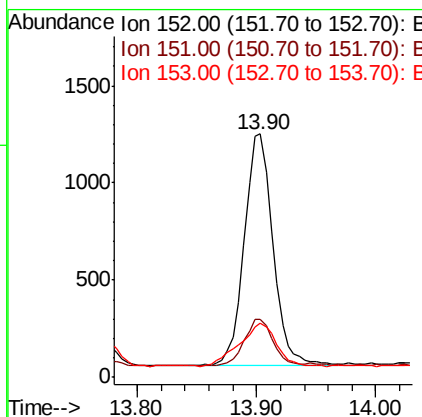
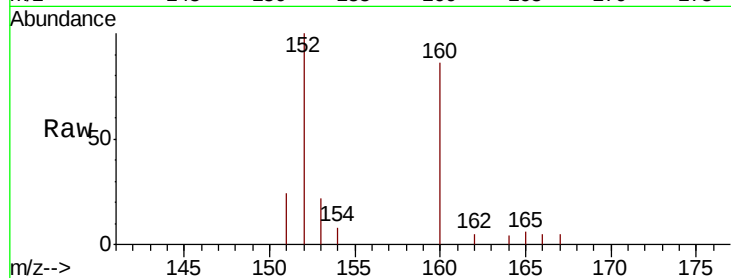
ClientSampleId :

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Tot Ion:	152	Resp:	2004
Ion Ratio	Lower	Upper	
152	100		
151	23.9	15.8	23.6#
153	22.2	10.6	15.8#

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#8

Acenaphthene

Concen: 0.021 ng/ul

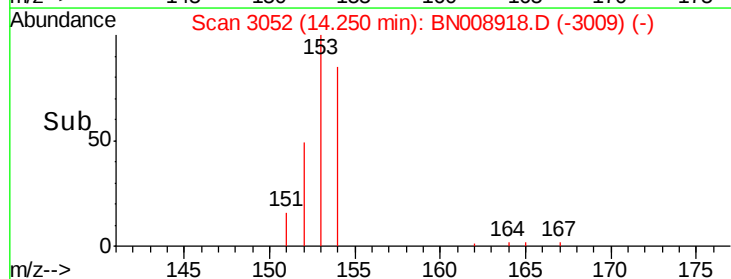
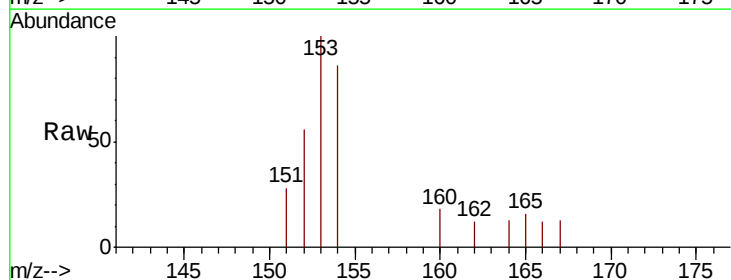
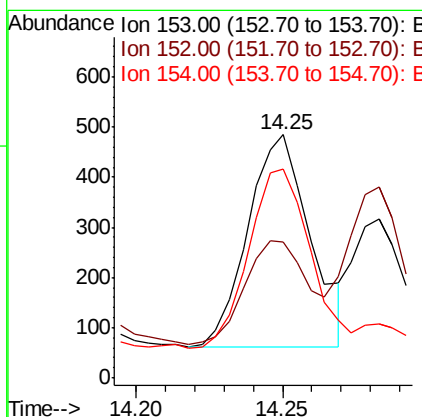
RT: 14.25 min Scan# 3052

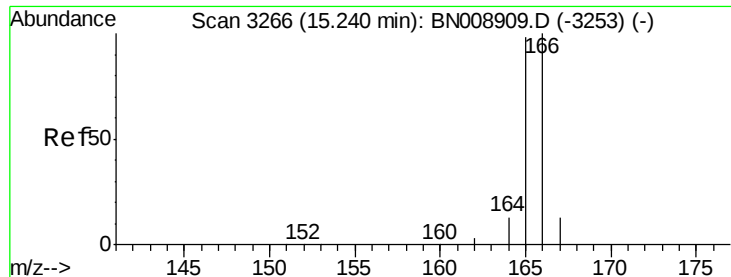
Delta R.T. 0.00 min

Lab File: BN008918.D

Acq: 11 Dec 2019 15:47

Tgt Ion:	153	Resp:	623
Ion Ratio	Lower	Upper	
153	100		
152	55.9	38.6	58.0
154	85.8	70.6	105.8





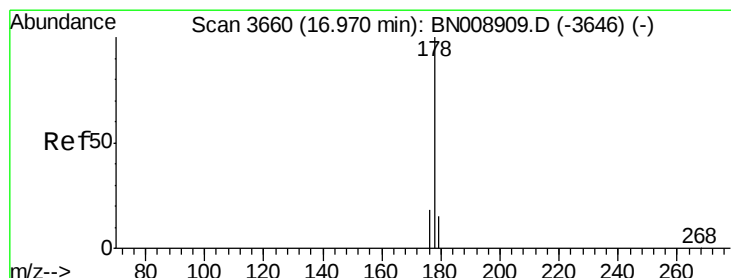
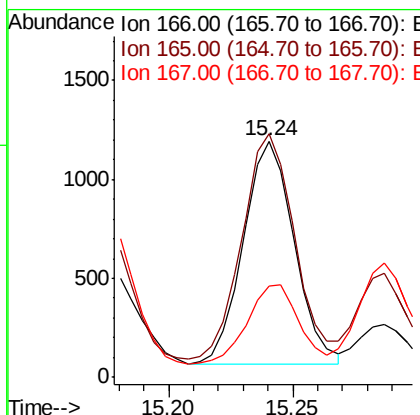
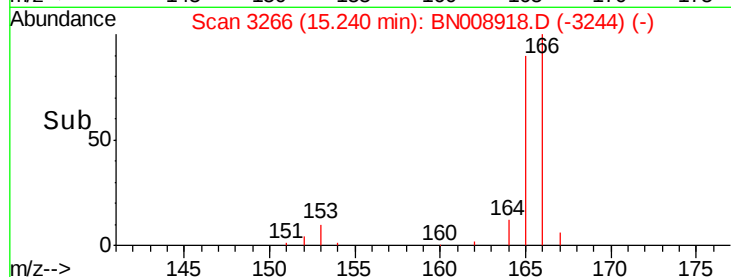
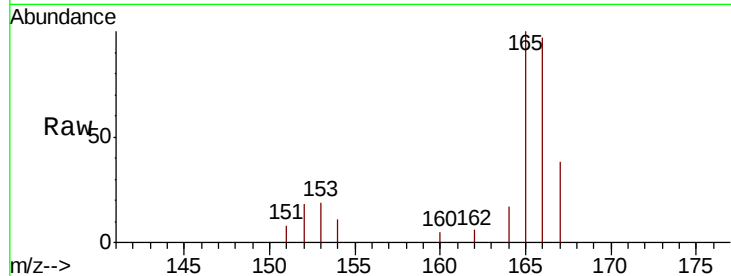
#9
Fluorene
 Concen: 0.046 ng/ul
 RT: 15.24 min Scan# 3266
 Delta R.T. 0.00 min
 Lab File: BN008918.D
 Acq: 11 Dec 2019 15:47

Instrument :
 BNA_N
 ClientSampleId :
 C0BM8DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.0	77.7	116.5
167	38.8	11.1	16.7#

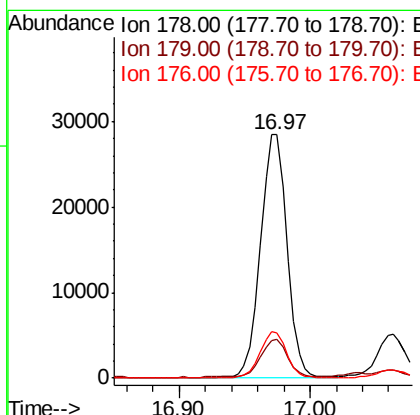
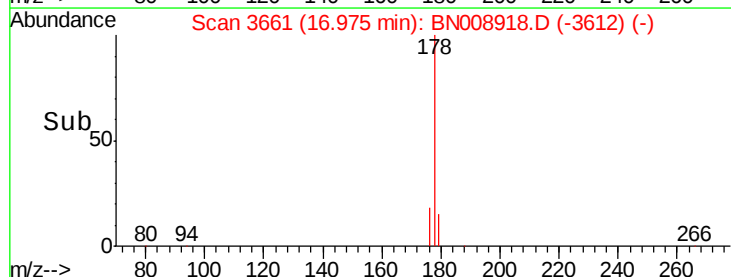
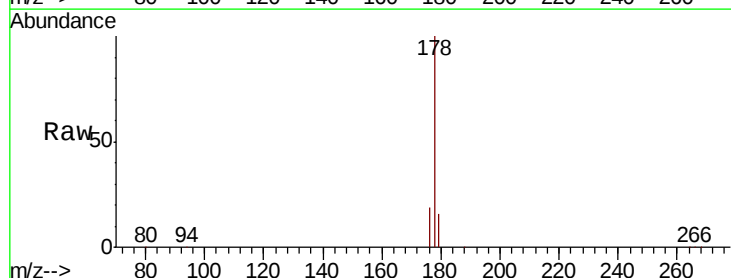
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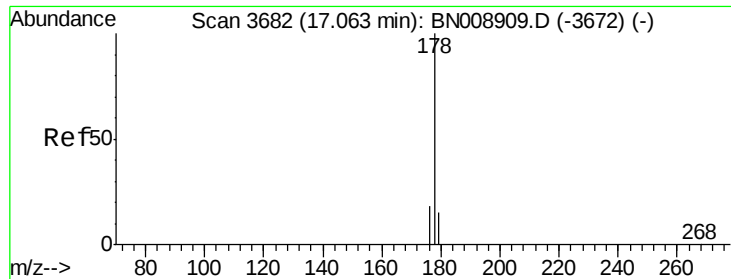
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#12
Phenanthrene
 Concen: 0.720 ng/ul
 RT: 16.97 min Scan# 3661
 Delta R.T. 0.00 min
 Lab File: BN008918.D
 Acq: 11 Dec 2019 15:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	18.7	15.3	22.9





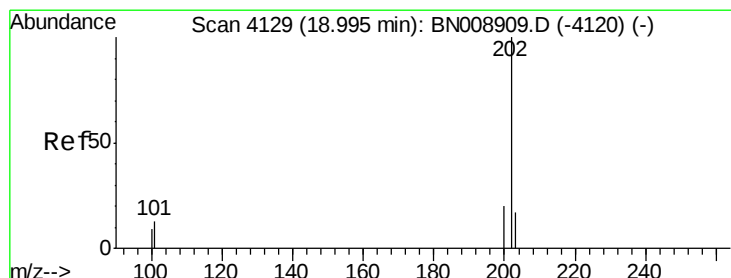
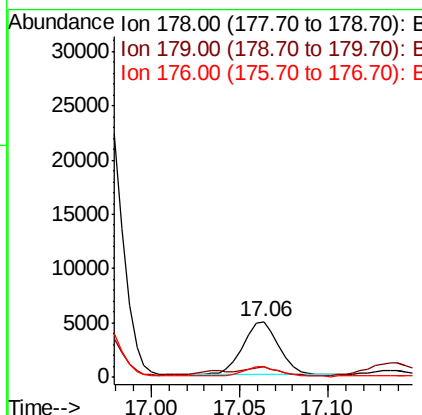
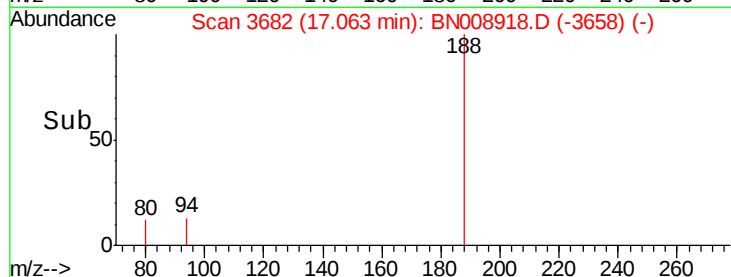
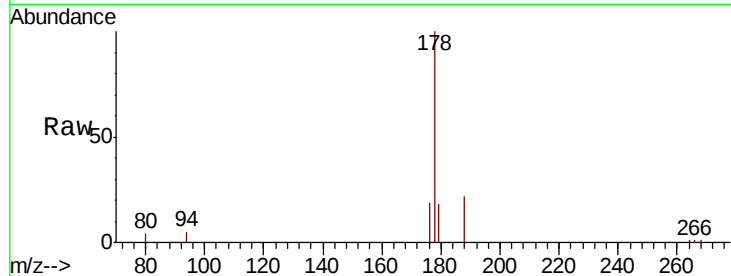
#13
 Anthracene
 Concen: 0.135 ng/ul
 RT: 17.06 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: BN008918.D
 Acq: 11 Dec 2019 15:47

Instrument :
 BNA_N
 ClientSampleId :
 C0BM8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.2	18.4
176	18.8	14.7	22.1

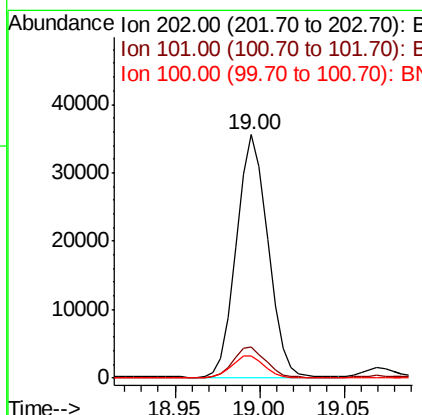
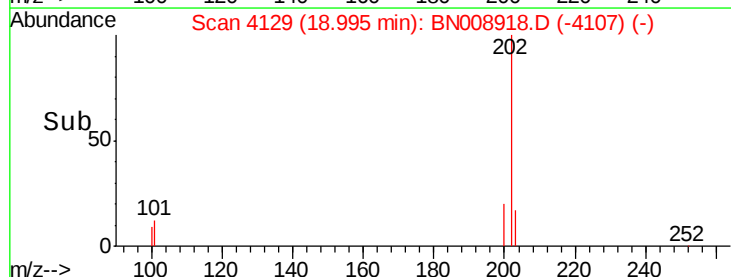
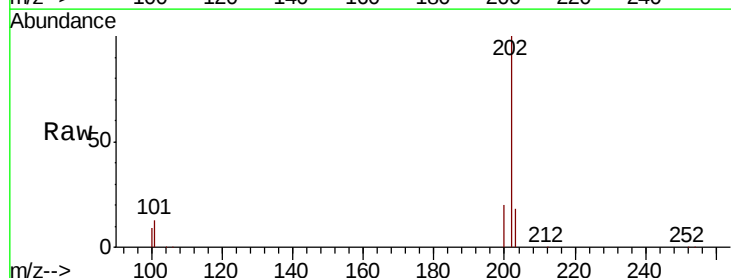
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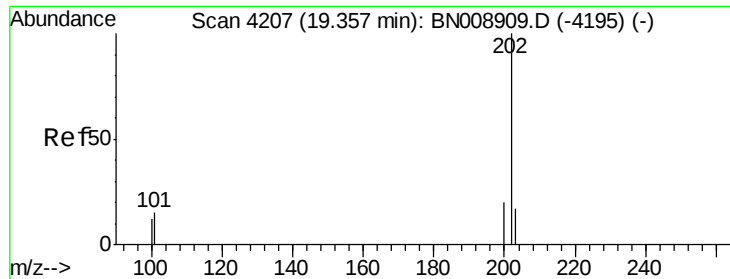
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#15
 Fluoranthene
 Concen: 0.679 ng/ul
 RT: 19.00 min Scan# 4129
 Delta R.T. 0.00 min
 Lab File: BN008918.D
 Acq: 11 Dec 2019 15:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.4
100	9.2	0.0	29.2





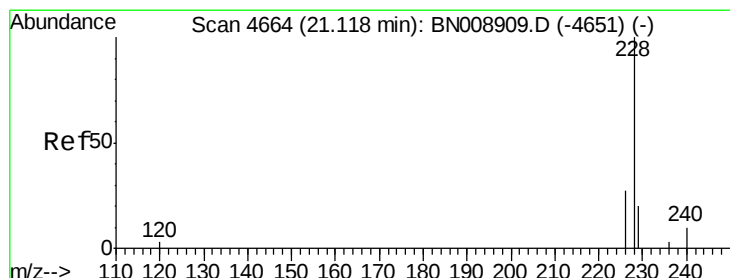
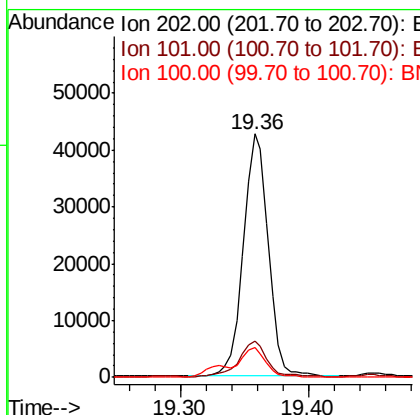
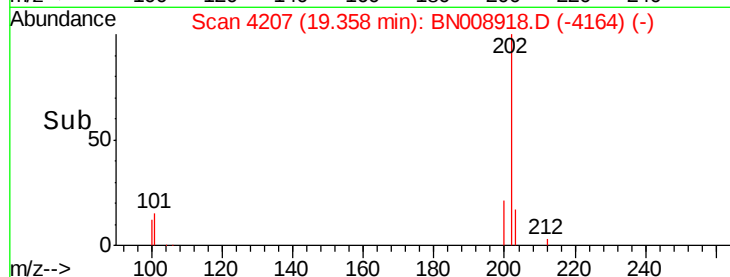
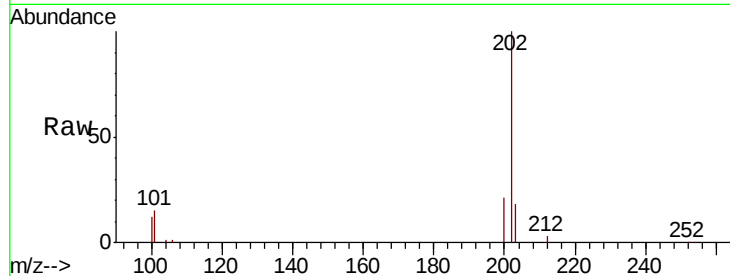
#17
Pvrene
Concen: 1.007 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008918.D
Acq: 11 Dec 2019 15:47

Instrument :
BNA_N
ClientSampleId :
C0BM8DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.4
100	12.2	9.5	14.3

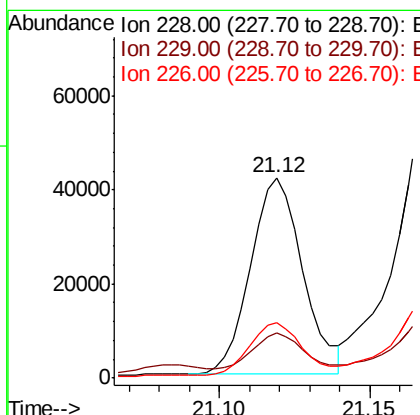
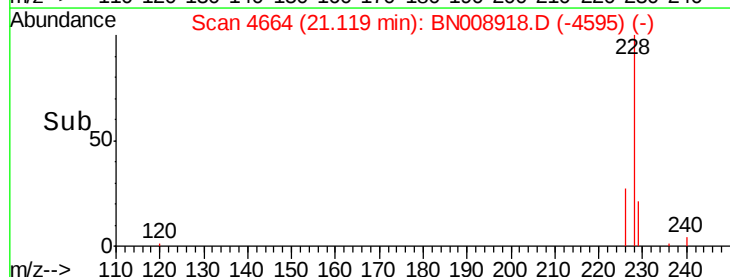
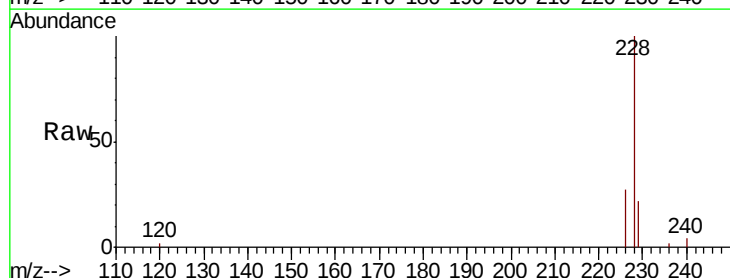
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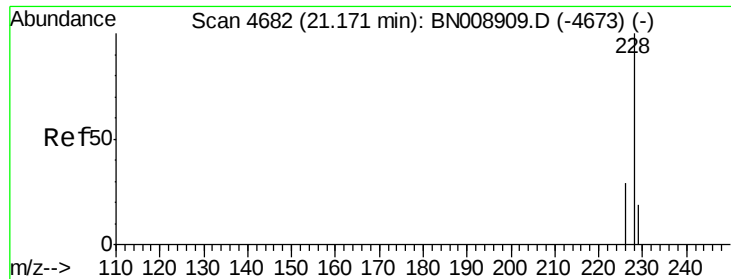
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#18
Benzo(a)anthracene
Concen: 0.880 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BN008918.D
Acq: 11 Dec 2019 15:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.7	23.5
226	27.4	21.5	32.3





#19

Chrysene

Concen: 1.416 ng/ul m

RT: 21.17 min Scan# 4682

Delta R.T. 0.00 min

Lab File: BN008918.D

Acq: 11 Dec 2019 15:47

Instrument :

BNA_N

ClientSampleId :

C0BM8DL

Tot Ion:228 Resp: 79578

Ion Ratio Lower Upper

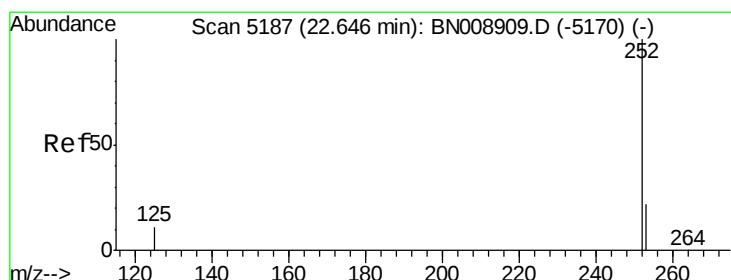
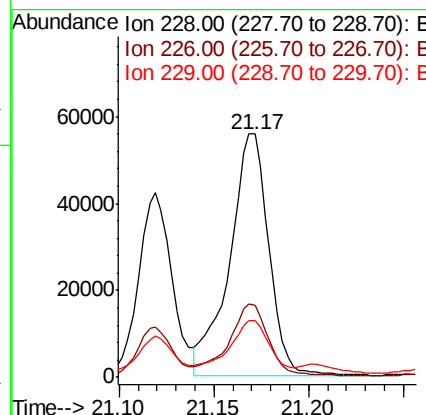
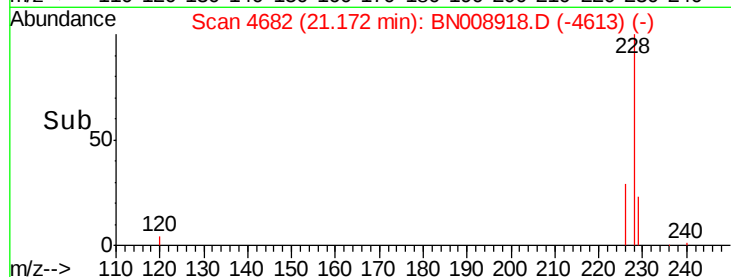
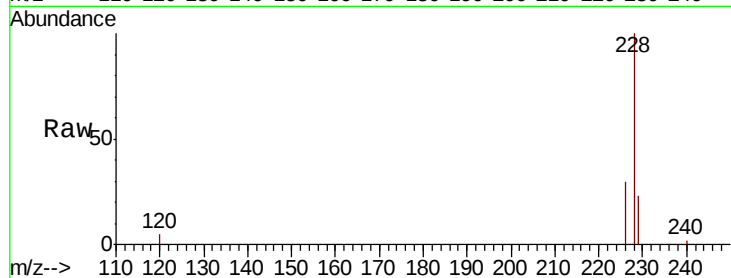
228 100

226 29.6 23.8 35.6

229 23.4 15.6 23.4#

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#21

Benzo(b)fluoranthene

Concen: 0.873 ng/ul m

RT: 22.65 min Scan# 5187

Delta R.T. 0.00 min

Lab File: BN008918.D

Acq: 11 Dec 2019 15:47

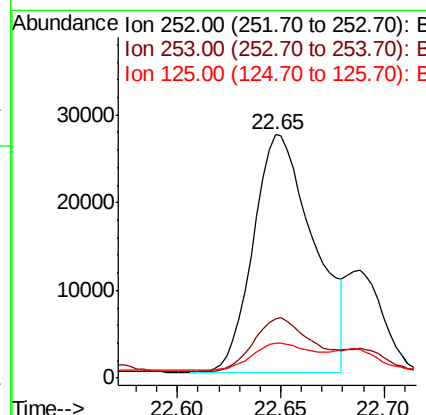
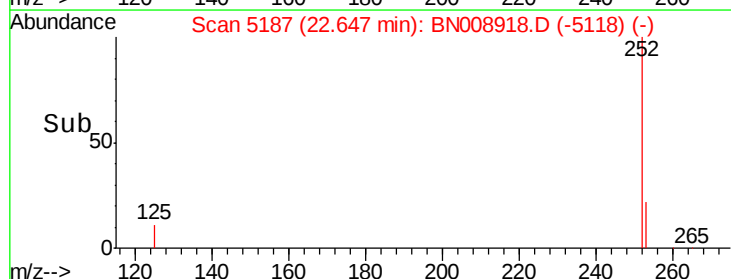
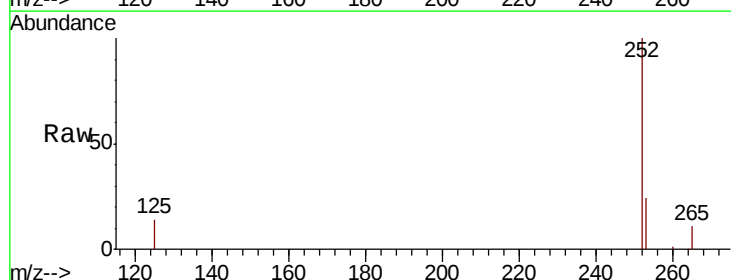
Tgt Ion:252 Resp: 55685

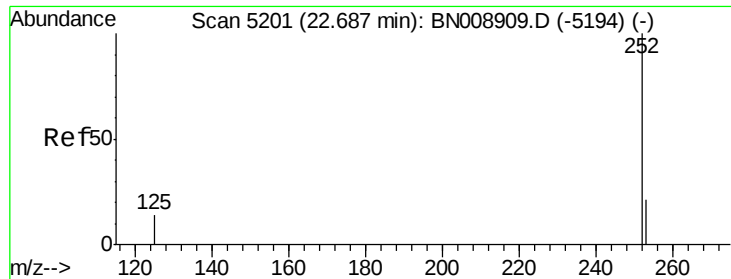
Ion Ratio Lower Upper

252 100

253 24.5 0.0 48.6

125 14.4 0.0 31.6





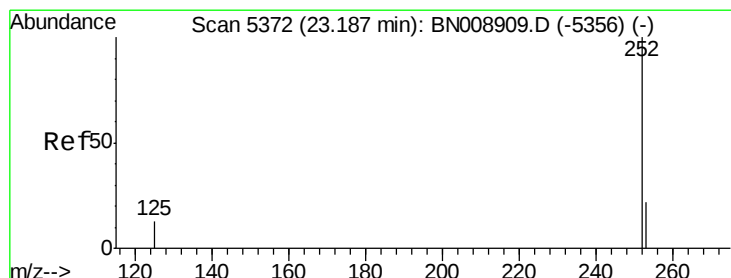
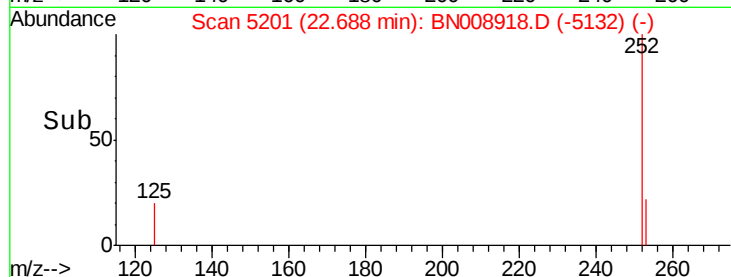
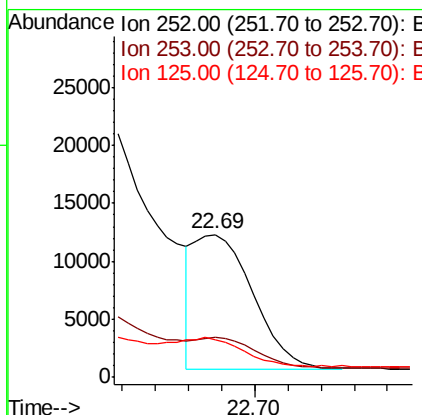
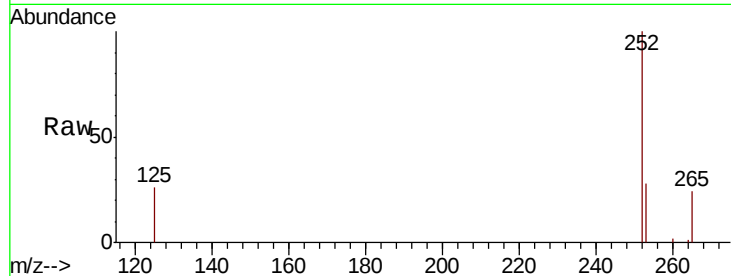
#22
Benzo(k)fluoranthene
Concen: 0.227 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. 0.00 min
Lab File: BN008918.D
Acq: 11 Dec 2019 15:47

Instrument :
BNA_N
ClientSampleId :
C0BM8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.6	29.4
125	26.3	13.8	20.6

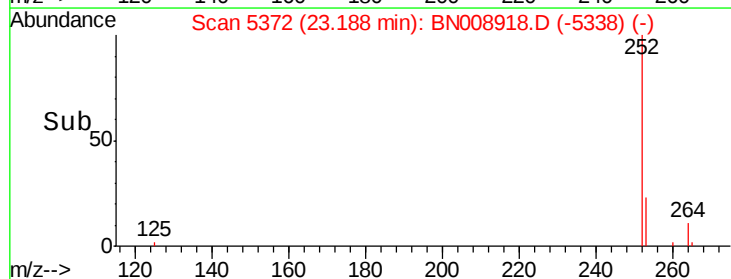
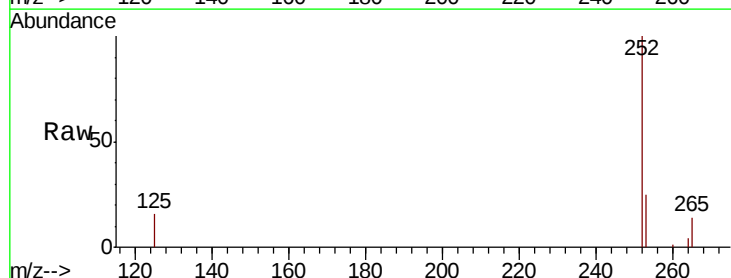
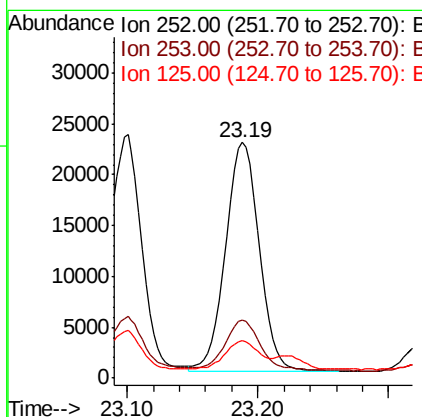
Manual Integrations
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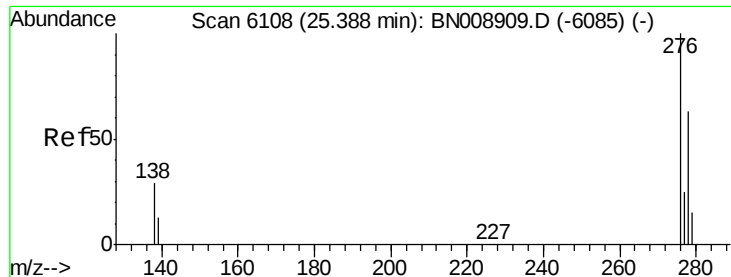
mohammad
12/12/2019 11:27:05 AM



#23
Benzo(a)pyrene
Concen: 0.669 ng/ul
RT: 23.19 min Scan# 5372
Delta R.T. 0.00 min
Lab File: BN008918.D
Acq: 11 Dec 2019 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.9	29.9
125	15.7	14.6	22.0





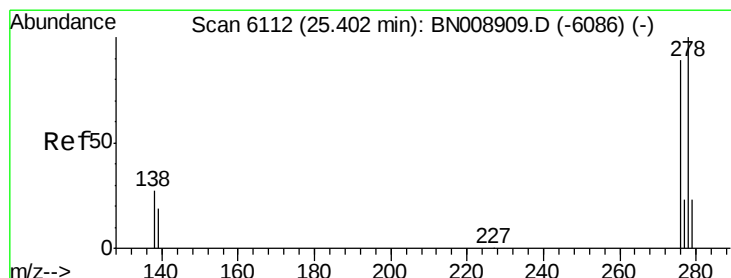
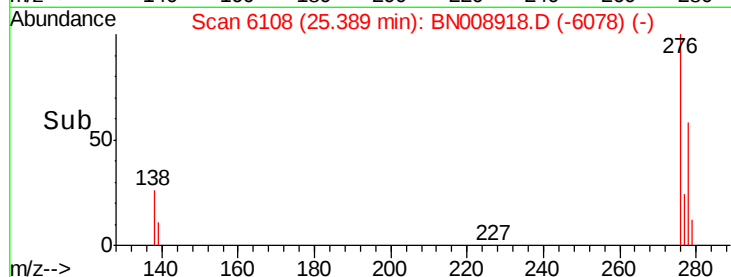
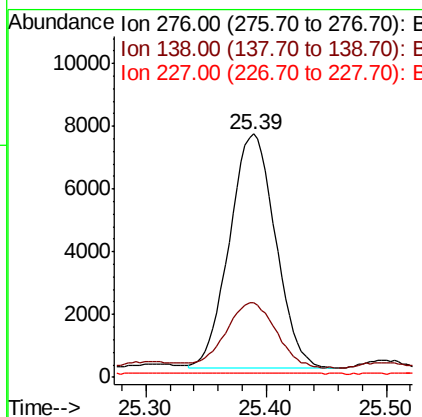
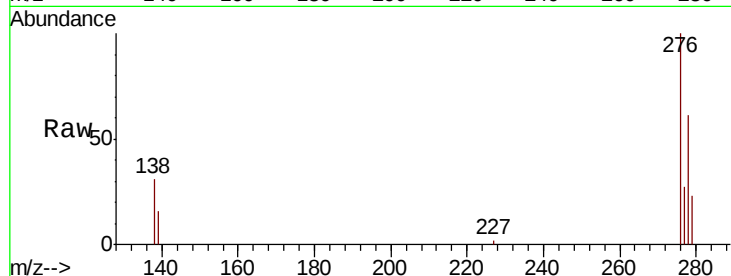
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.283 ng/ul
 RT: 25.39 min Scan# 6108
 Delta R.T. 0.00 min
 Lab File: BN008918.D
 Acq: 11 Dec 2019 15:47

Instrument :
 BNA_N
 ClientSampleId :
 C0BM8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	23.8	35.6
227	0.0	0.2	0.2

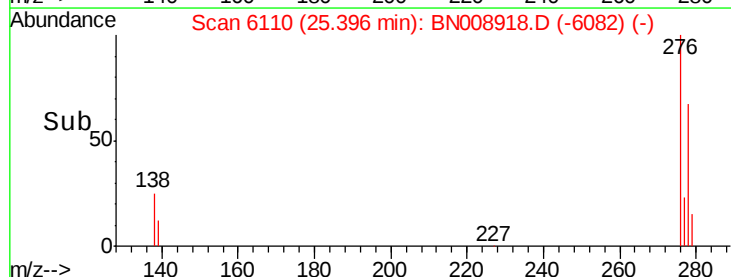
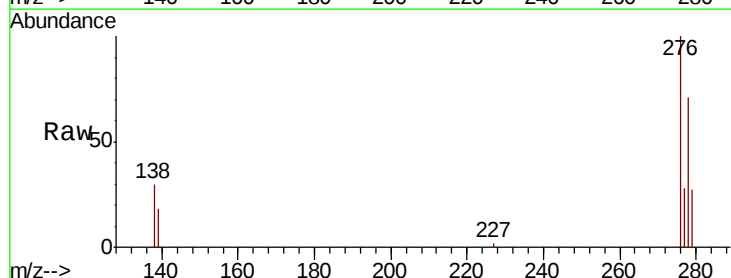
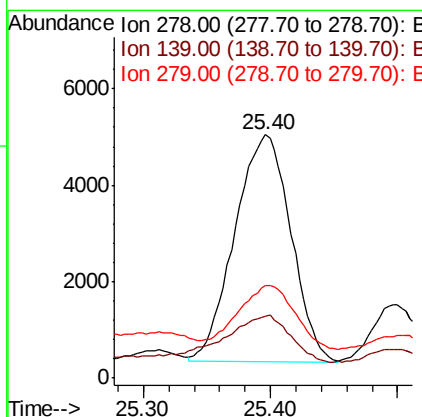
Manual Integrations
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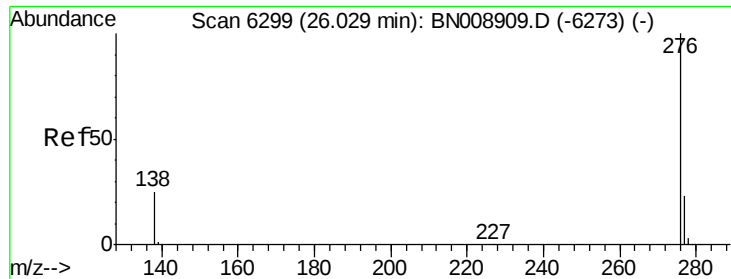
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.255 ng/ul
 RT: 25.40 min Scan# 6110
 Delta R.T. -0.01 min
 Lab File: BN008918.D
 Acq: 11 Dec 2019 15:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.5	17.4	26.0
279	37.8	20.5	30.7





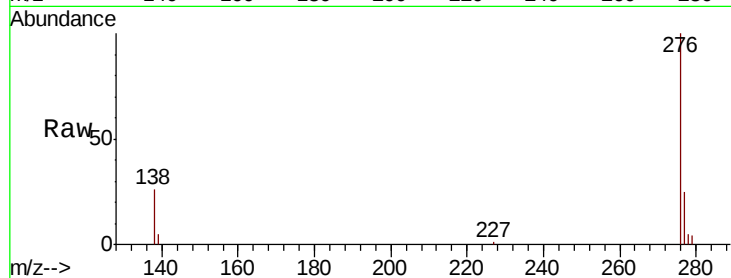
#26
 Benzo(a,h,i)perylene
 Concen: 0.408 ng/ul
 RT: 26.03 min Scan# 6300
 Delta R.T. 0.00 min
 Lab File: BN008918.D
 Acq: 11 Dec 2019 15:47

Instrument :
 BNA_N
 ClientSampleId :
 C0BM8DL

Tot Ion:	276	Resp:	23917
Ion Ratio	Lower	Upper	
276	100		
138	26.2	21.9	32.9
277	25.2	19.9	29.9

Manual Integrations
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mohammad
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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

