

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
 Data File : BN008819.D
 Acq On : 02 Dec 2019 17:54
 Operator : JU
 Sample : K5851-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA4

Manual Integrations
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mohammad
 12/3/2019 2:39:00 PM

Quant Time: Dec 03 00:21:34 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 : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5166	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	21084	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	12099	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	24884m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	16266	0.40	ng/ul	0.01
20) Perylene-d12	23.33	264	16070	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	9023	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	20920	0.28	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.39	128	6287	0.099	ng/ul	97
5) 2-Methylnaphthalene	12.02	142	3870	0.087	ng/ul	99
7) Acenaphthylene	13.93	152	255931	3.826	ng/ul	99
8) Acenaphthene	14.28	153	2568	0.052	ng/ul#	93
9) Fluorene	15.27	166	10750	0.184	ng/ul#	92
11) Pentachlorophenol	16.62	266	204	0.022	ng/ul	95
12) Phenanthrene	17.00	178	176980	2.109	ng/ul	99
13) Anthracene	17.09	178	167655	2.114	ng/ul	100
15) Fluoranthene	19.02	202	1148316	11.138	ng/ul	99
17) Pyrene	19.39	202	1059085	16.230	ng/ul	98
18) Benzo(a)anthracene	21.15	228	1016805	15.544	ng/ul	94
19) Chrysene	21.20	228	858384	13.360	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	1132974m	17.097	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	364383m	5.544	ng/ul	
23) Benzo(a)pyrene	23.24	252	752838m	12.103	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.46	276	414240	5.694	ng/ul	91
25) Dibenzo(a,h)anthracene	25.47	278	122759	2.089	ng/ul	96
26) Benzo(g,h,i)perylene	26.11	276	351704	5.780	ng/ul	98

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

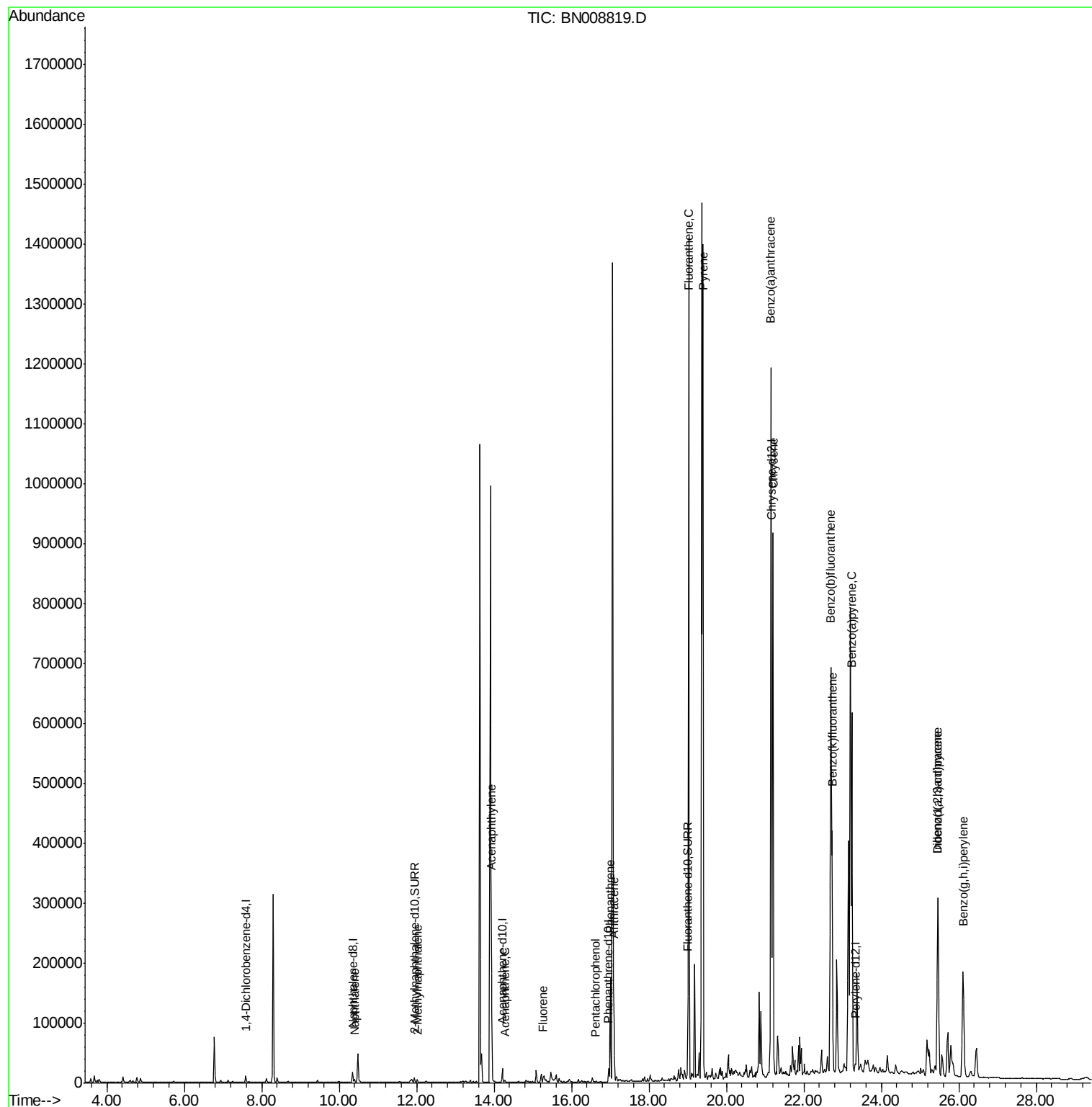
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008819.D
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ALS Vial : 12 Sample Multiplier: 1

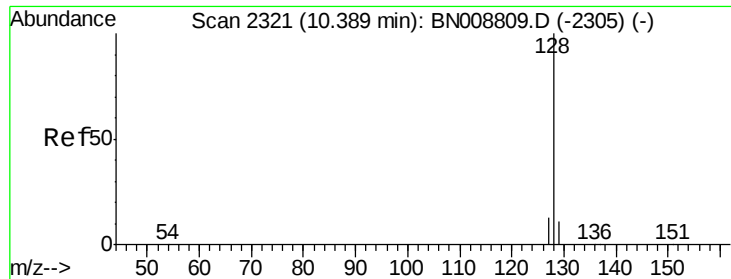
Instrument :
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C0AA4

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Quant Time: Dec 03 00:21:34 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.099 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. 0.01 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Instrument :

BNA_N

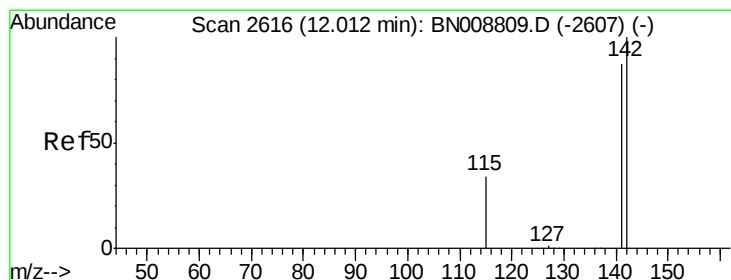
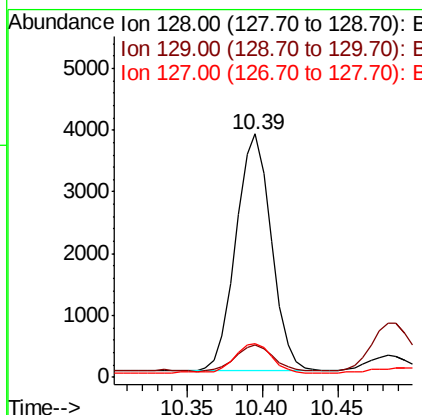
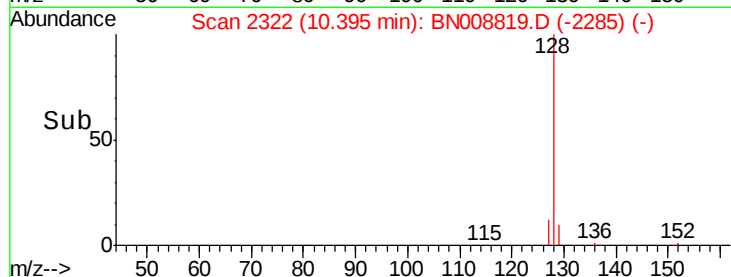
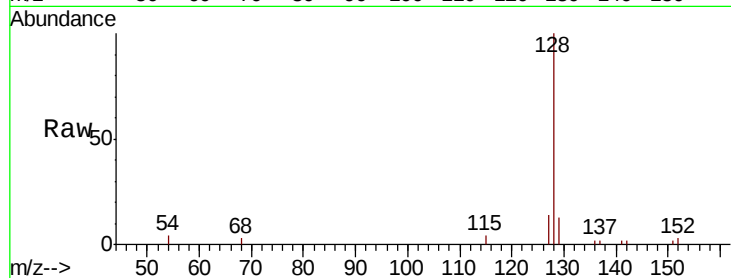
ClientSampled :

C0AA4

Tot Ion:	128	Resp:	6287
Ion Ratio	Lower	Upper	
128	100		
129	13.1	9.1	13.7
127	13.9	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.087 ng/ul

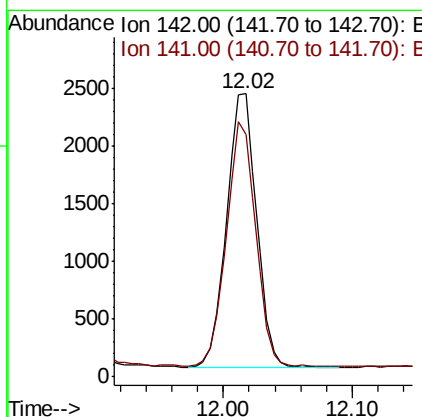
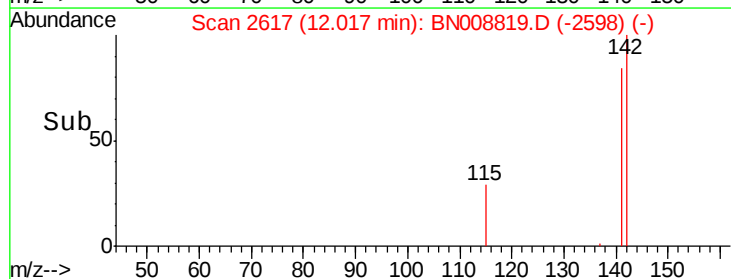
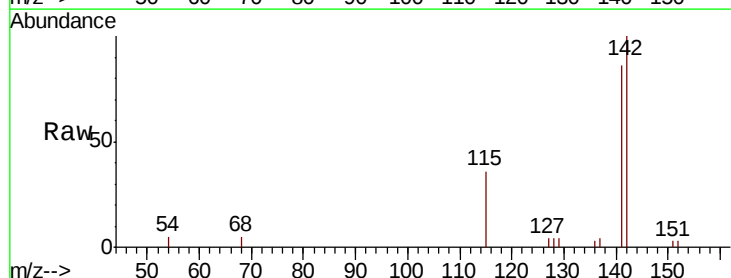
RT: 12.02 min Scan# 2617

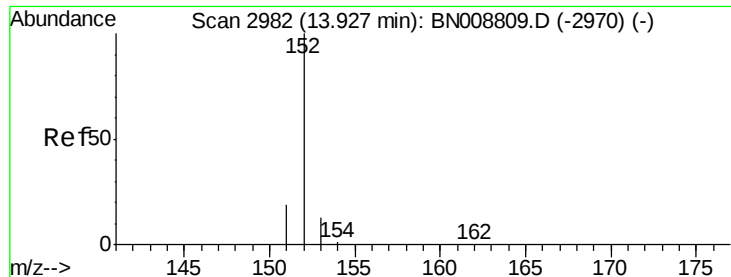
Delta R.T. 0.01 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Tgt Ion:	142	Resp:	3870
Ion Ratio	Lower	Upper	
142	100		
141	86.9	70.1	105.1





#7

Acenaphthylene

Concen: 3.826 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Instrument :

BNA_N

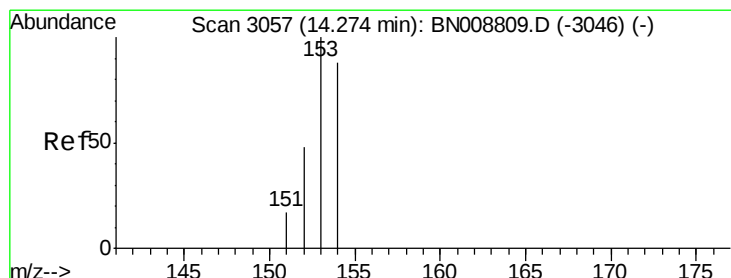
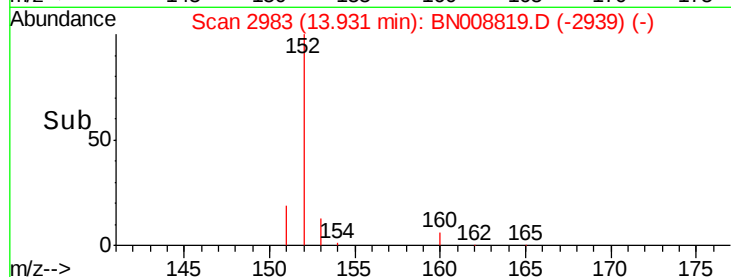
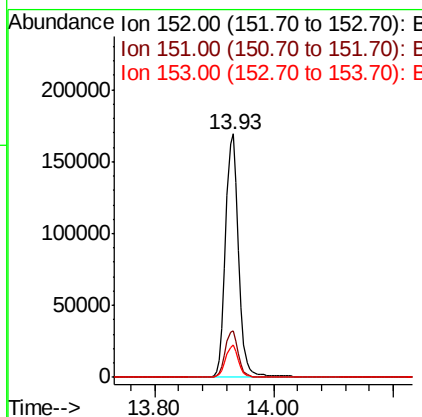
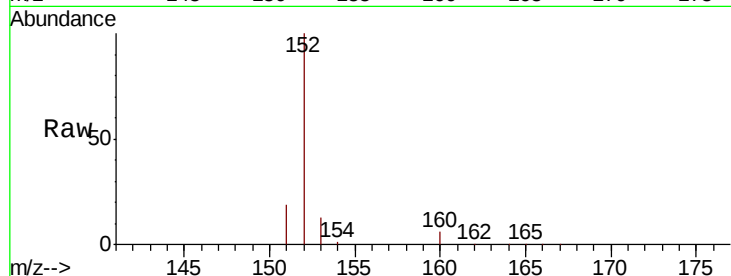
ClientSampleId :

C0AA4

Tot Ion:	152	Resp:	255931
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.8	23.6
153	13.2	10.6	15.8

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#8

Acenaphthene

Concen: 0.052 ng/ul

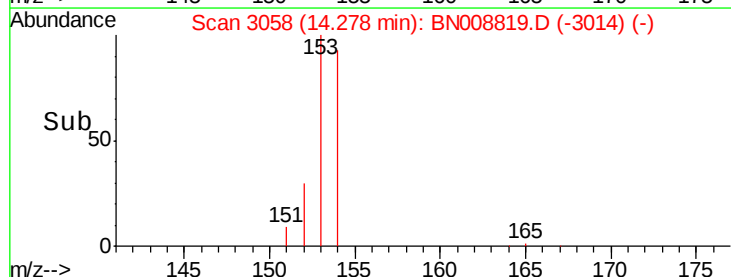
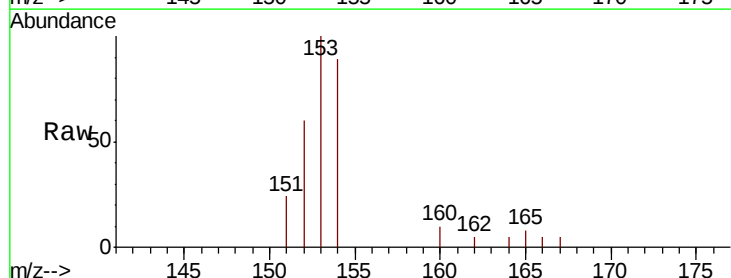
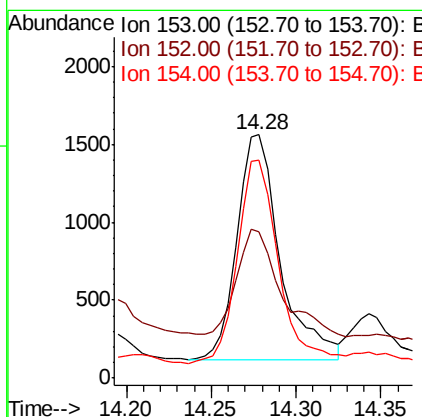
RT: 14.28 min Scan# 3058

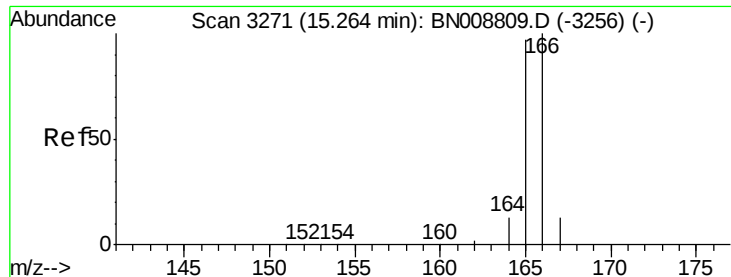
Delta R.T. 0.00 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Tgt Ion:	153	Resp:	2568
Ion Ratio	Lower	Upper	
153	100		
152	60.3	38.6	58.0#
154	89.4	70.6	105.8





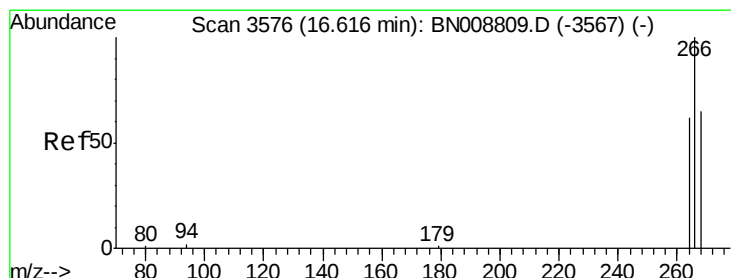
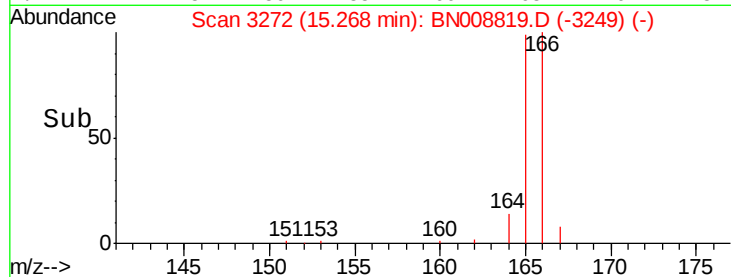
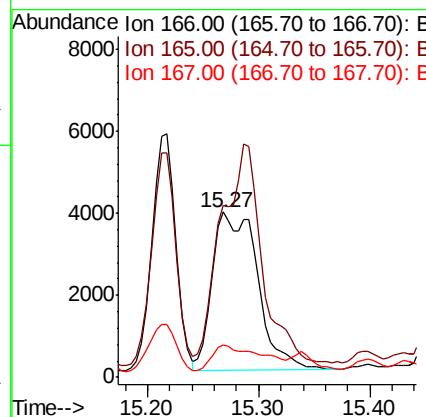
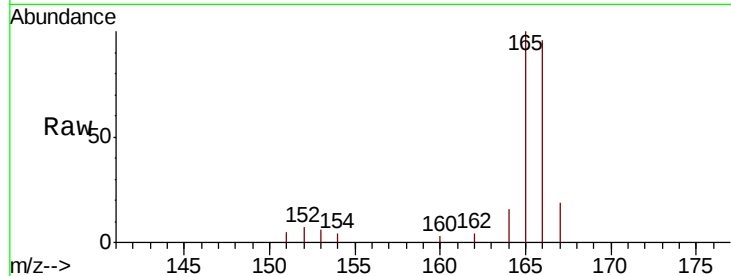
#9
Fluorene
 Concen: 0.184 ng/ul
 RT: 15.27 min Scan# 3272
 Delta R.T. 0.00 min
 Lab File: BN008819.D
 Acq: 02 Dec 2019 17:54

Instrument :
 BNA_N
 ClientSampleId :
 C0AA4

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.9	77.7	116.5
167	19.6	11.1	16.7

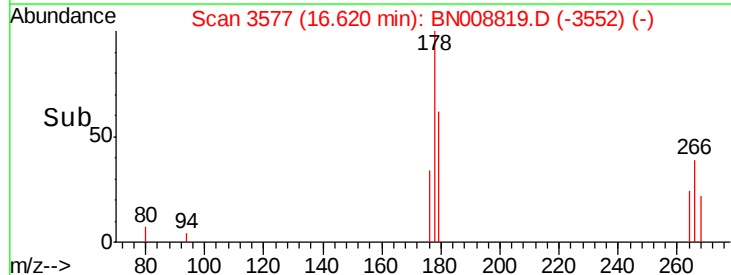
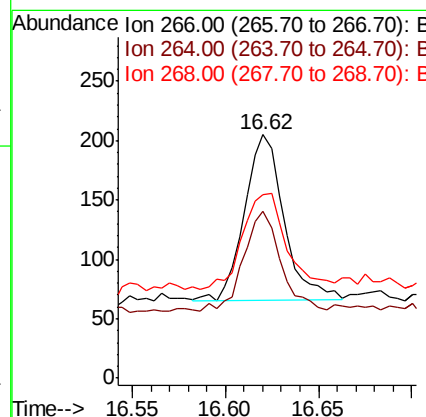
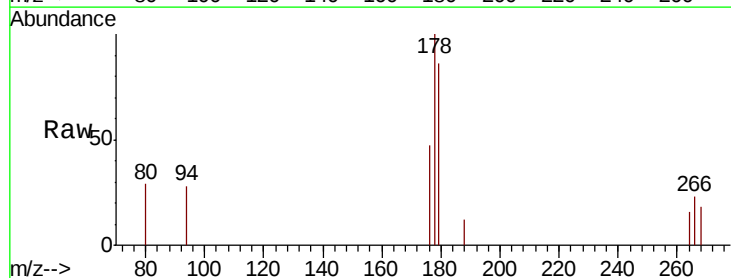
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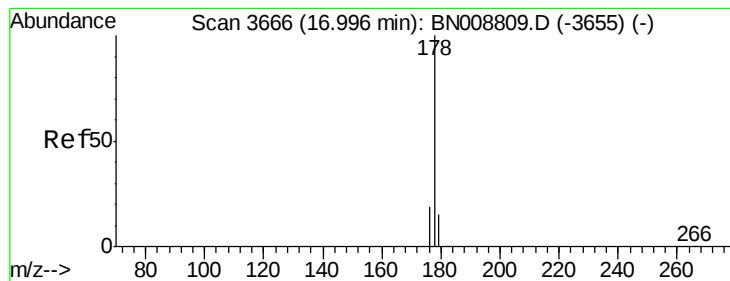
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#11
Pentachlorophenol
 Concen: 0.022 ng/ul
 RT: 16.62 min Scan# 3577
 Delta R.T. 0.00 min
 Lab File: BN008819.D
 Acq: 02 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
266	100		
264	55.9	50.4	75.6
268	65.7	52.2	78.4





#12

Phenanthrene

Concen: 2.109 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Instrument :

BNA_N

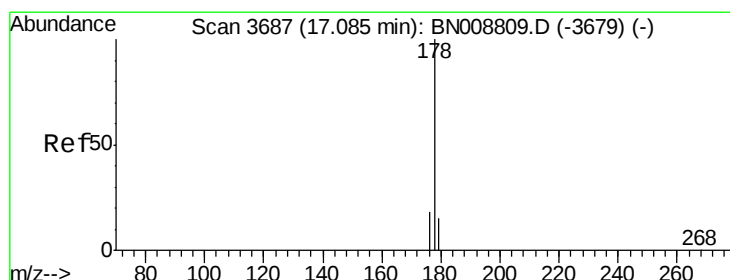
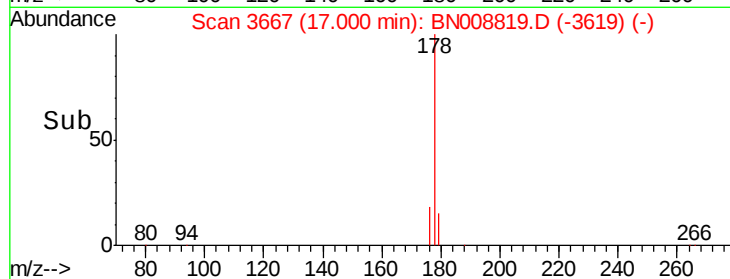
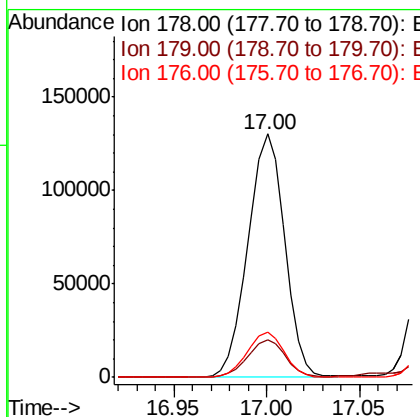
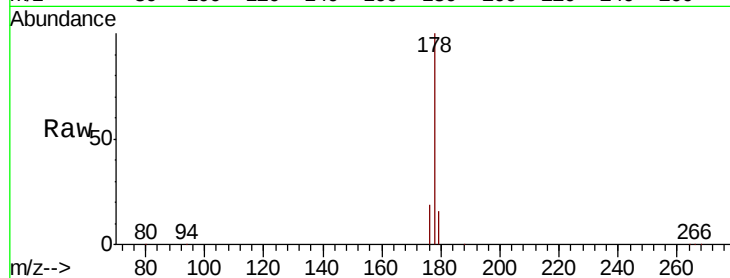
ClientSampleId :

C0AA4

Tot Ion:	178	Resp:	176980
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	18.5	15.3	22.9

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#13

Anthracene

Concen: 2.114 ng/ul

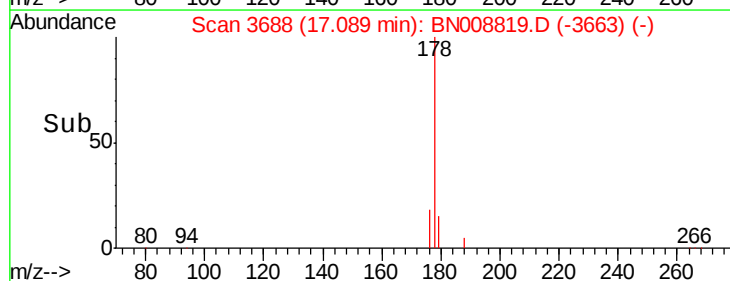
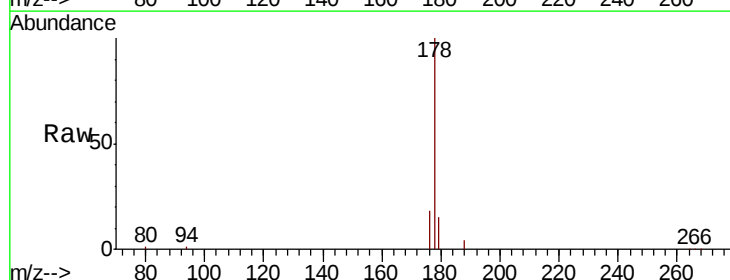
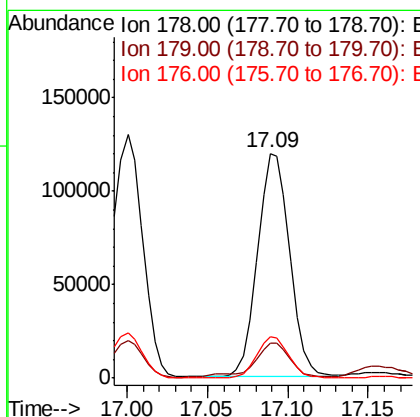
RT: 17.09 min Scan# 3688

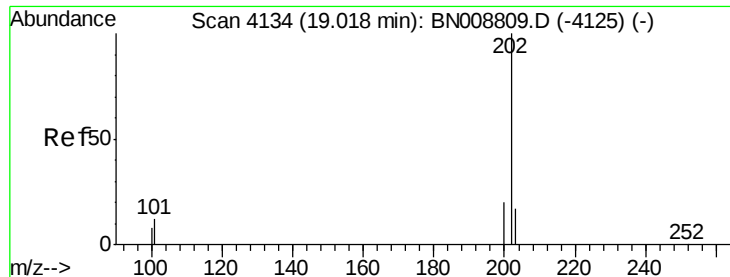
Delta R.T. 0.00 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Tgt Ion:	178	Resp:	167655
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	18.3	14.7	22.1





#15

Fluoranthene

Concen: 11.138 ng/ul

RT: 19.02 min Scan# 4135

Delta R.T. 0.00 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Instrument :

BNA_N

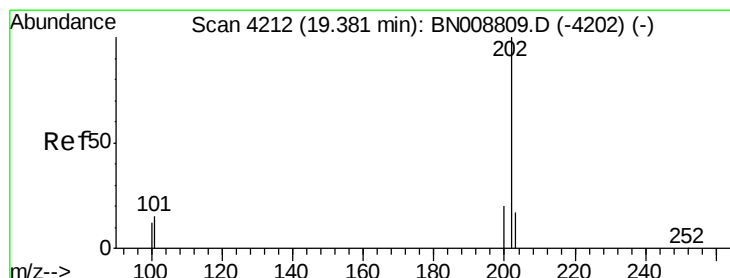
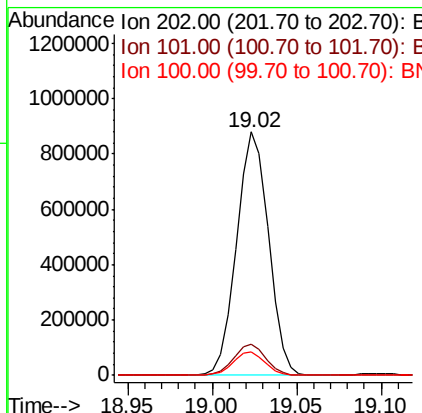
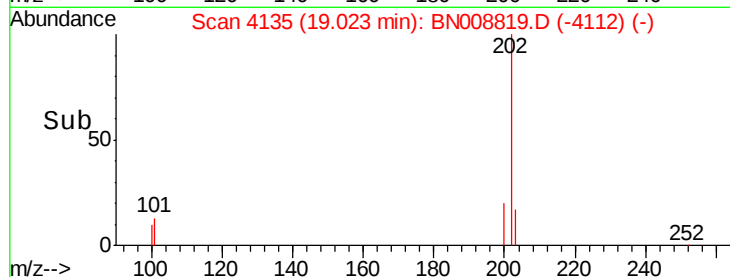
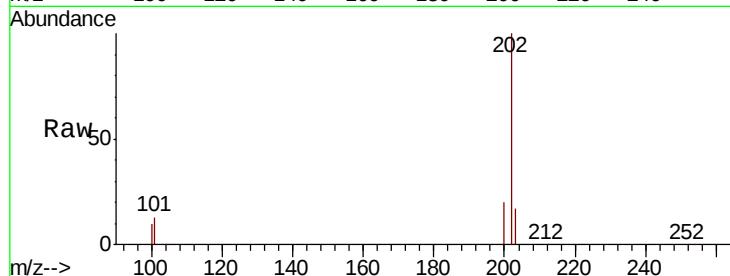
ClientSampleId :

C0AA4

Tot Ion:	202	Resp:	1148316
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	32.4
100	9.6	0.0	29.2

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#17

Pyrene

Concen: 16.230 ng/ul

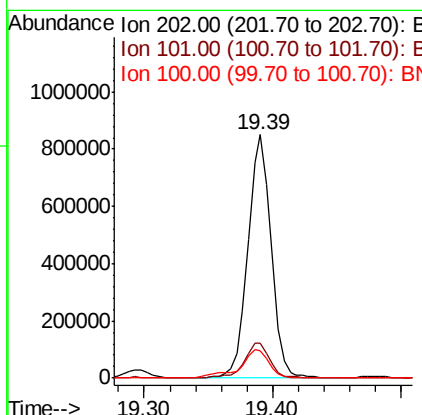
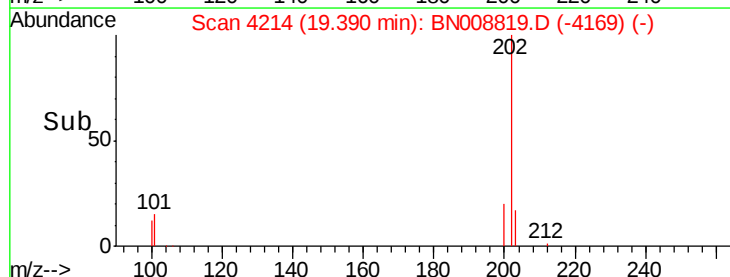
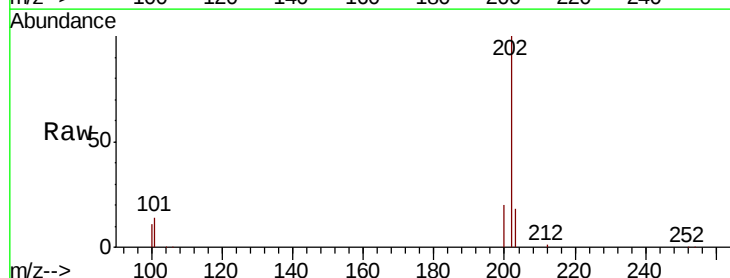
RT: 19.39 min Scan# 4214

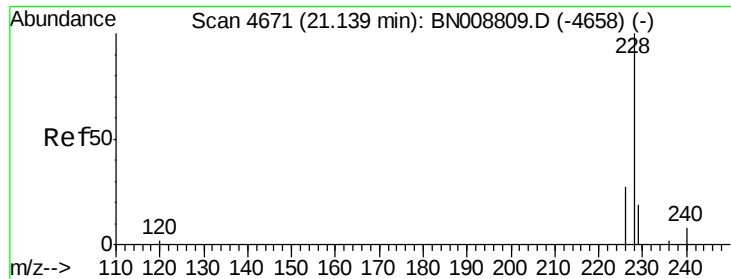
Delta R.T. 0.01 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Tgt Ion:	202	Resp:	1059085
Ion Ratio	Lower	Upper	
202	100		
101	14.3	12.2	18.4
100	11.4	9.5	14.3





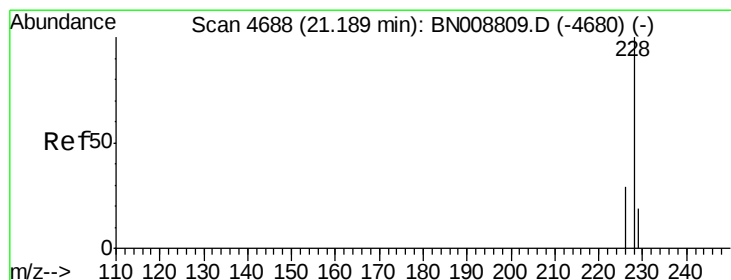
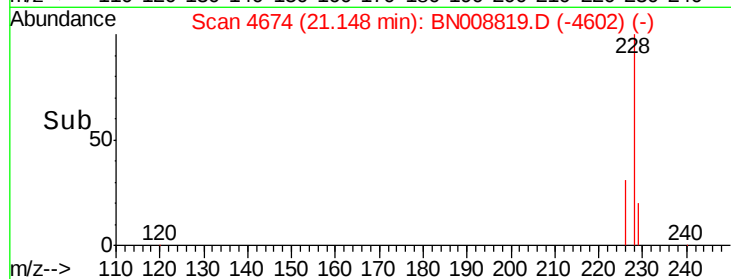
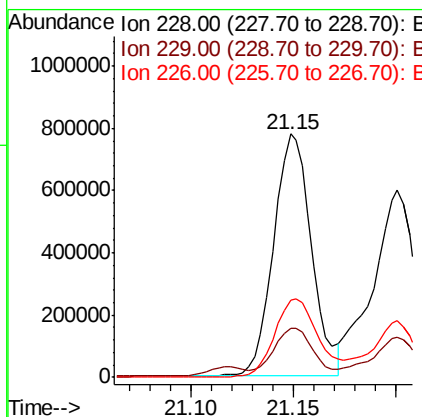
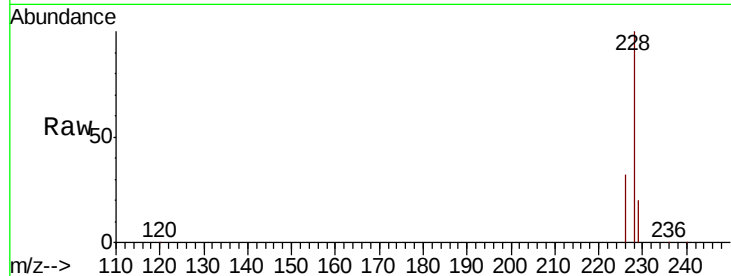
#18
Benzo(a)anthracene
Concen: 15.544 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. 0.01 min
Lab File: BN008819.D
Acq: 02 Dec 2019 17:54

Instrument :
BNA_N
ClientSampled :
C0AA4

Tot Ion:228 Resp: 1016805
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 31.7 21.5 32.3

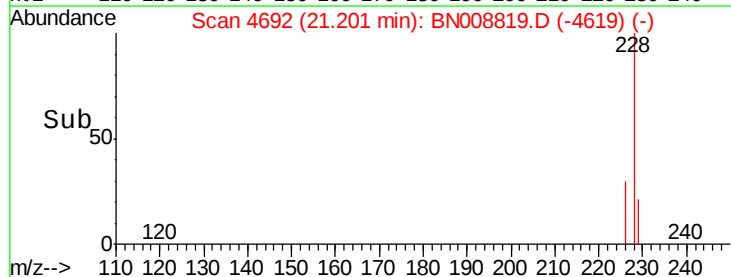
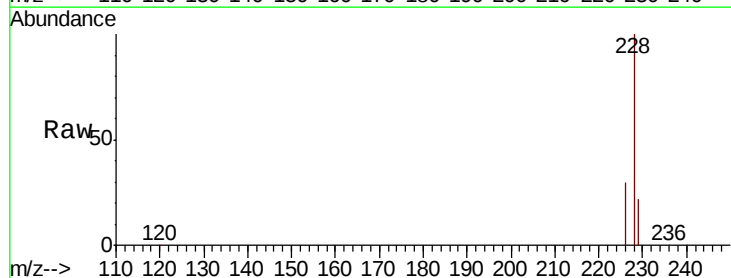
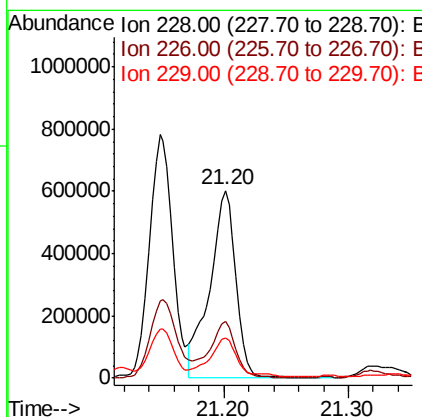
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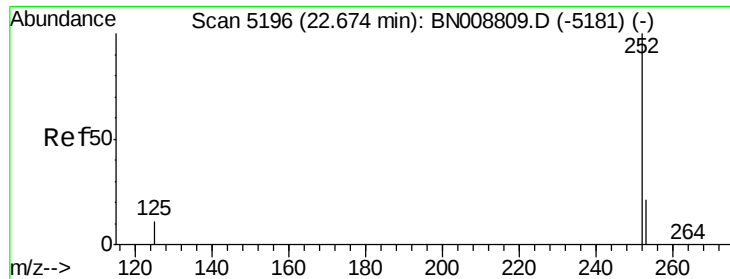
mohammad
12/3/2019 2:39:00 PM



#19
Chrysene
Concen: 13.360 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. 0.01 min
Lab File: BN008819.D
Acq: 02 Dec 2019 17:54

Tgt Ion:228 Resp: 858384
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 21.7 15.6 23.4





#21

Benzo(b)fluoranthene

Concen: 17.097 ng/ul m

RT: 22.69 min Scan# 5202

Delta R.T. 0.02 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Instrument :

BNA_N

ClientSampleId :

C0AA4

Tot Ion:252 Resp: 1132974

Ion Ratio Lower Upper

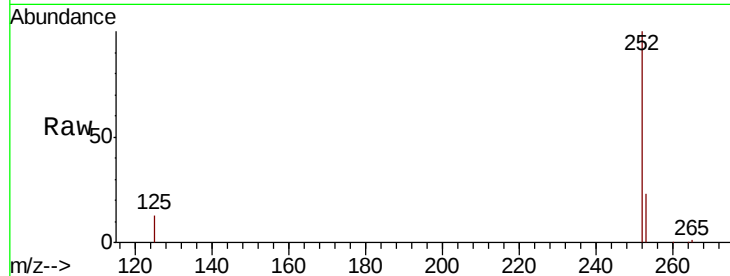
252 100

253 22.8 0.0 48.6

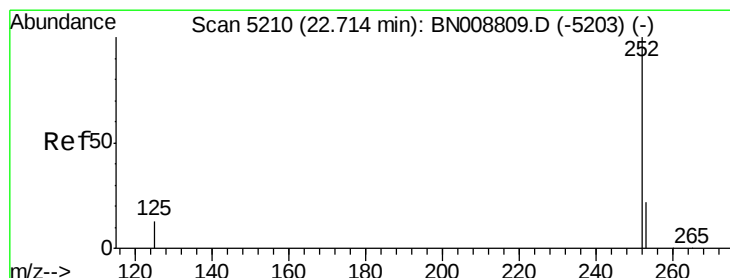
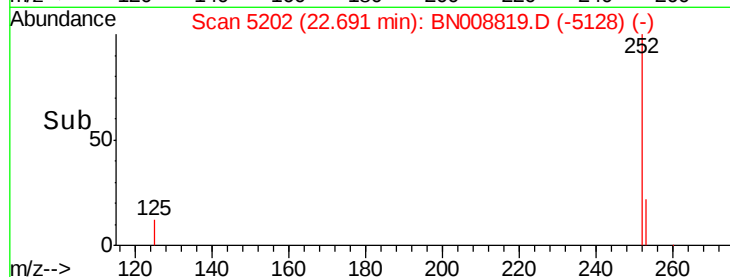
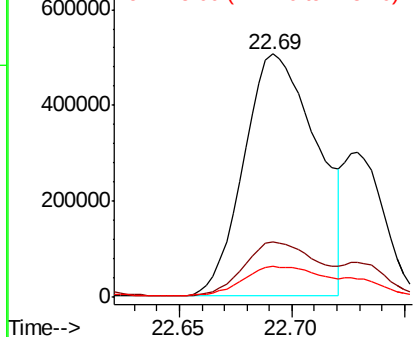
125 12.5 0.0 31.6

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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: 5.544 ng/ul m

RT: 22.73 min Scan# 5215

Delta R.T. 0.01 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Tgt Ion:252 Resp: 364383

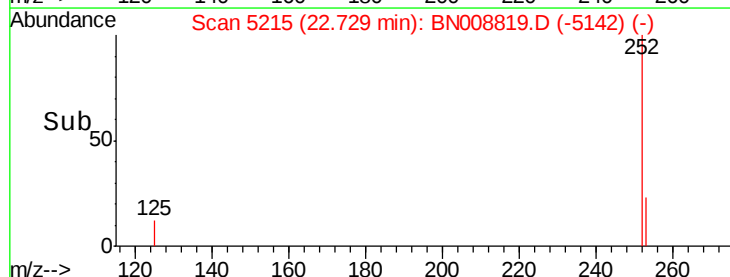
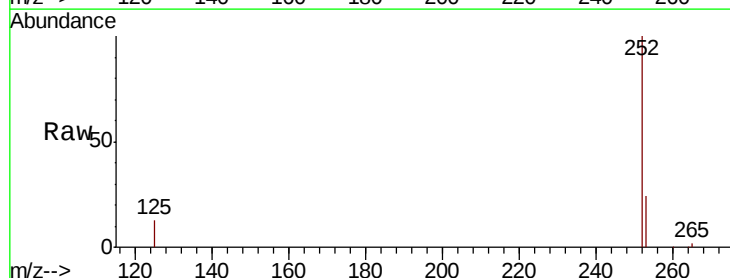
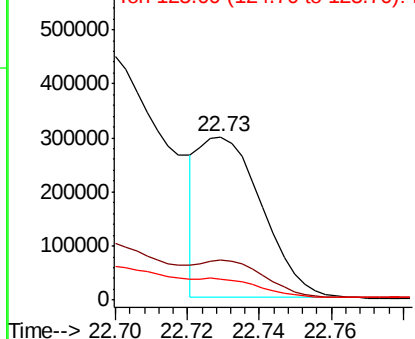
Ion Ratio Lower Upper

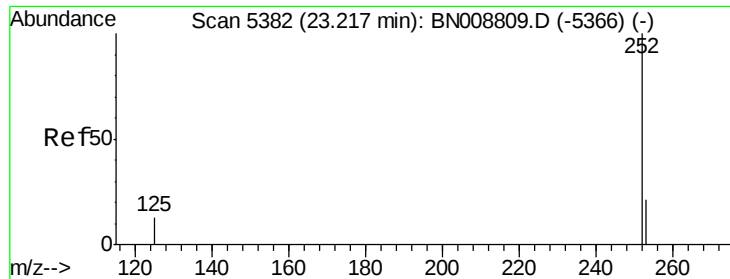
252 100

253 24.2 19.6 29.4

125 12.9 13.8 20.6#

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





#23

Benzo(a)pyrene

Concen: 12.103 ng/ul

RT: 23.24 min Scan# 5389

Delta R.T. 0.02 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Instrument :

BNA_N

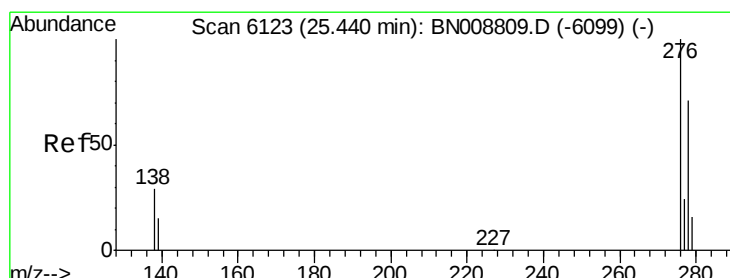
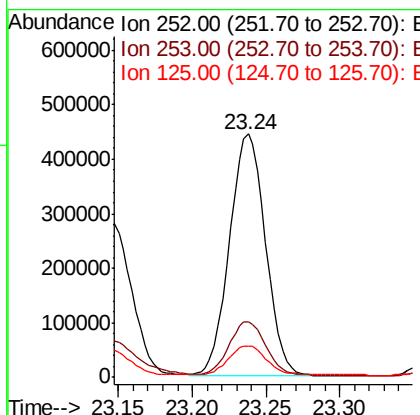
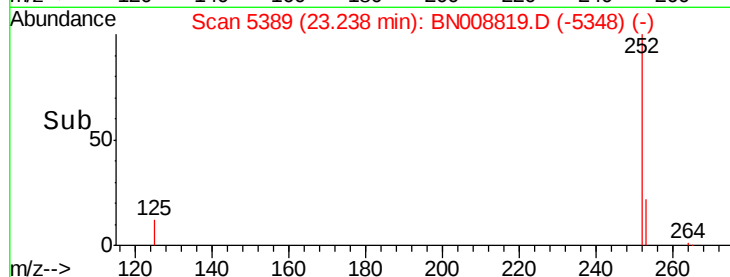
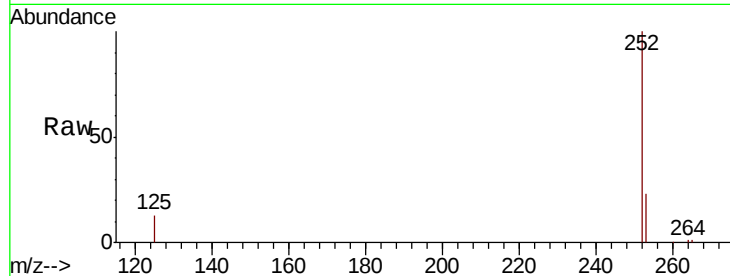
ClientSampled :

C0AA4

Tot Ion:	252	Resp:	752838
Ion Ratio	Lower	Upper	
252	100		
253	22.9	19.9	29.9
125	13.0	14.6	22.0

Manual Integrations
APPROVED

mohammad
12/3/2019 2:39:00 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 5.694 ng/ul

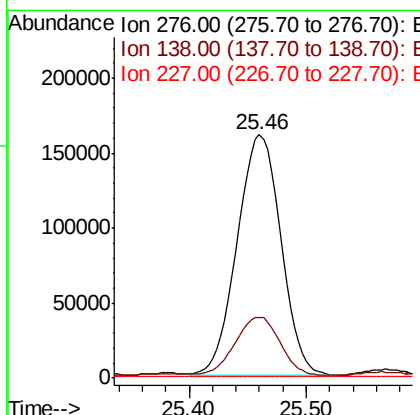
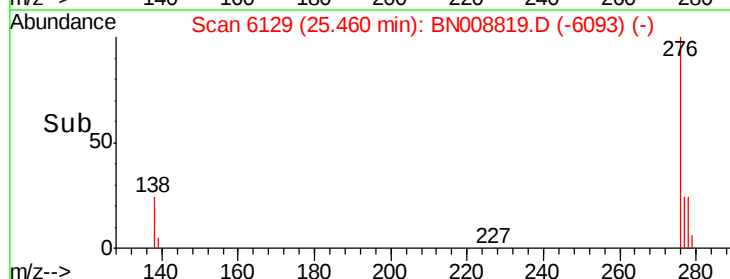
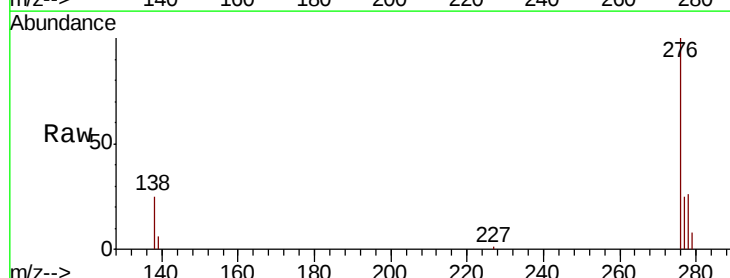
RT: 25.46 min Scan# 6129

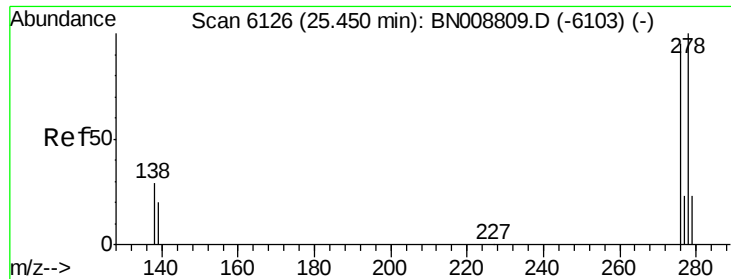
Delta R.T. 0.02 min

Lab File: BN008819.D

Acq: 02 Dec 2019 17:54

Tgt Ion:	276	Resp:	414240
Ion Ratio	Lower	Upper	
276	100		
138	25.1	23.8	35.6
227	0.2	0.2	0.2





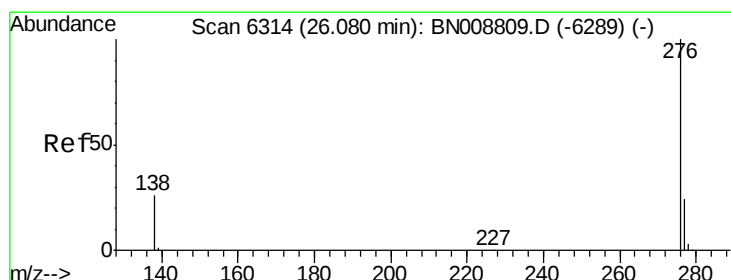
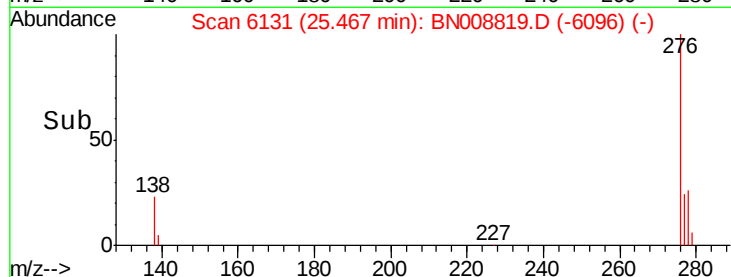
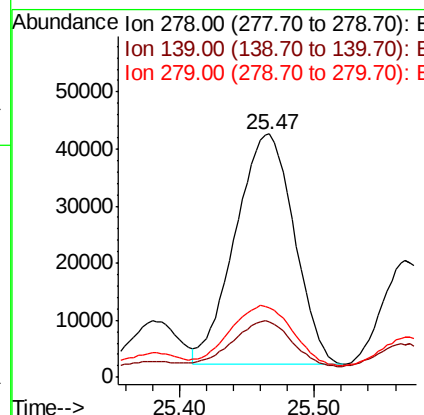
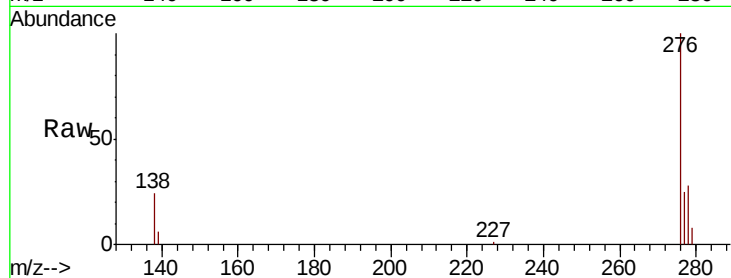
#25
Dibenzo(a,h)anthracene
Concen: 2.089 ng/u1
RT: 25.47 min Scan# 6131
Delta R.T. 0.02 min
Lab File: BN008819.D
Acq: 02 Dec 2019 17:54

Instrument :
BNA_N
ClientSampled :
C0AA4

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.8	17.4	26.0
279	28.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
12/3/2019 2:39:00 PM



#26
Benzo(g,h,i)perylene
Concen: 5.780 ng/u1
RT: 26.11 min Scan# 6324
Delta R.T. 0.03 min
Lab File: BN008819.D
Acq: 02 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.9	32.9
277	24.8	19.9	29.9

