

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
 Data File : BN008953.D
 Acq On : 12 Dec 2019 19:39
 Operator : JU
 Sample : K6089-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ9

Manual Integrations
 APPROVED

mohammad
 12/13/2019 9:07:59 AM

Quant Time: Dec 13 01:31:22 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 : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2620	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11518	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7618	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16923	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14353	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14993	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3920	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	10716	0.21	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.36	128	19731	0.568	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	20252	0.835	ng/ul	100
7) Acenaphthylene	13.90	152	14711	0.349	ng/ul	98
8) Acenaphthene	14.25	153	2242	0.072	ng/ul	98
9) Fluorene	15.24	166	5802	0.158	ng/ul#	90
12) Phenanthrene	16.97	178	153016	2.681	ng/ul	99
13) Anthracene	17.06	178	22408	0.416	ng/ul	98
15) Fluoranthene	18.99	202	343734	4.902	ng/ul	99
17) Pyrene	19.36	202	283505	4.923	ng/ul	97
18) Benzo(a)anthracene	21.11	228	148501	2.573	ng/ul	96
19) Chrysene	21.17	228	160023	2.823	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	186959m	3.024	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	70431m	1.149	ng/ul	
23) Benzo(a)pyrene	23.18	252	130253	2.245	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.38	276	80328	1.184	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.38	278	21257	0.388	ng/ul#	90
26) Benzo(g,h,i)perylene	26.02	276	79624	1.402	ng/ul	97

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

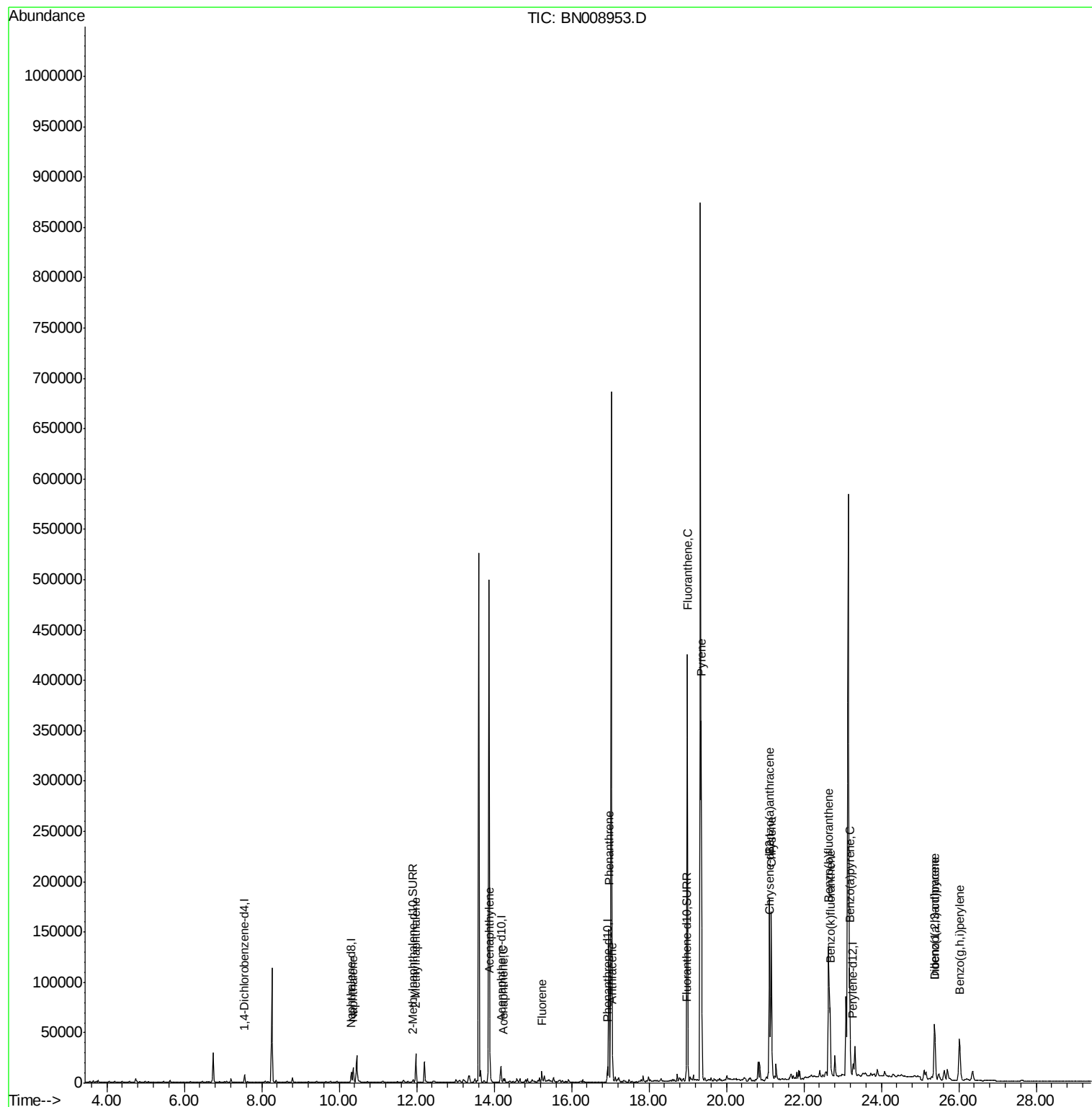
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
Data File : BN008953.D
Acq On : 12 Dec 2019 19:39
Operator : JU
Sample : K6089-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

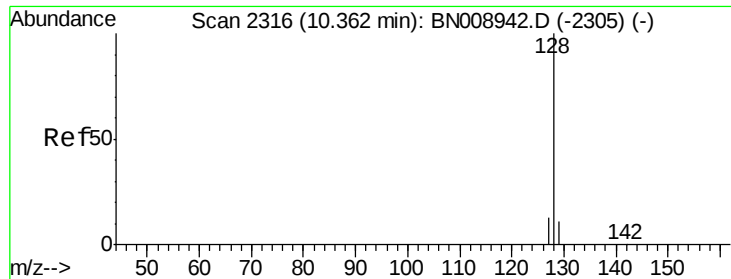
Instrument :
BNA_N
ClientSampleId :
C0BQ9

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
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QLast Update : Thu Dec 12 00:49:42 2019
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#3

Naphthalene

Concen: 0.568 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Instrument :

BNA_N

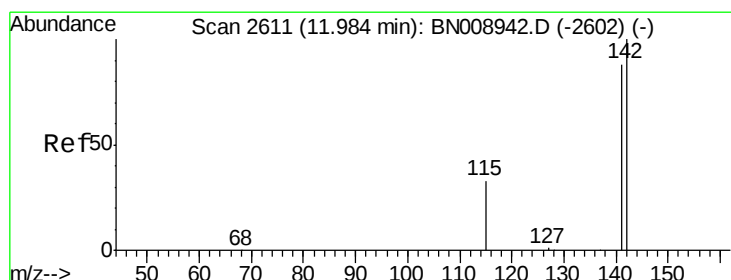
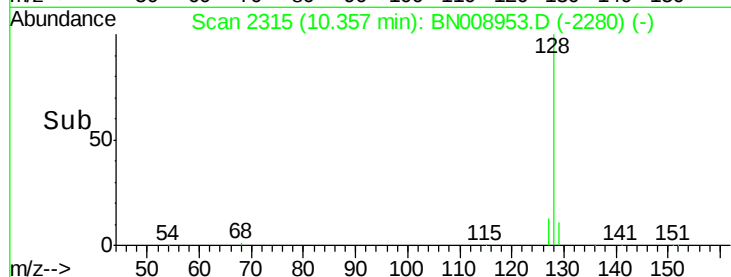
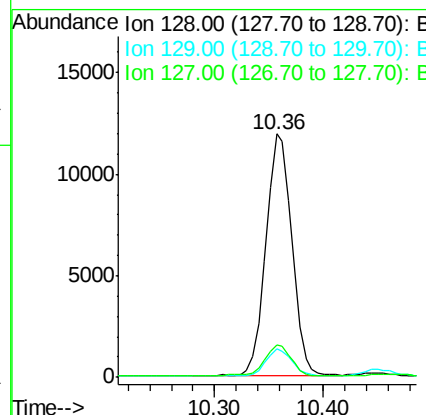
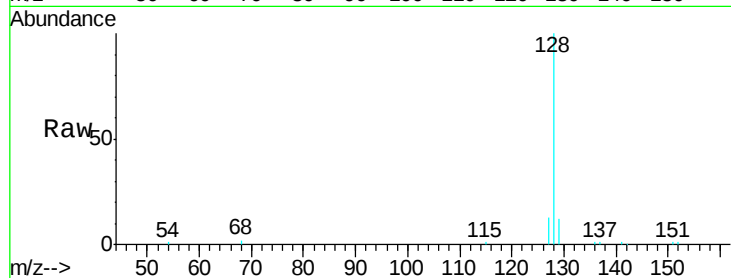
ClientSampleId :

C0BQ9

Tgt Ion:	128	Resp:	19731
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.1	13.7
127	13.3	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.835 ng/ul

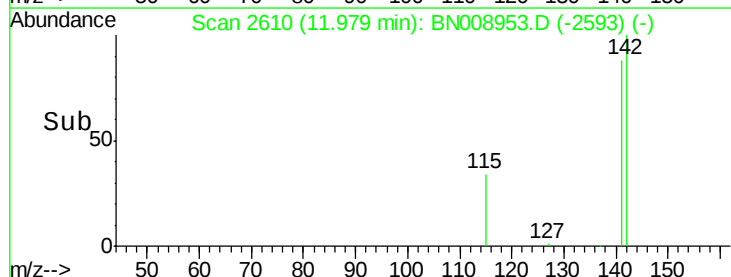
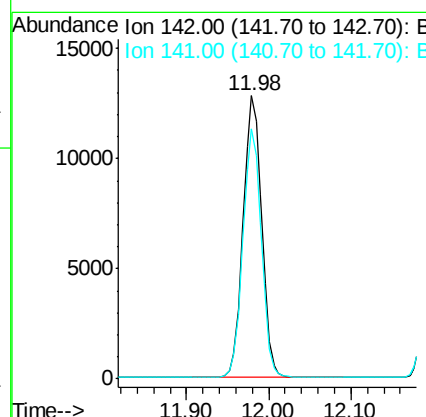
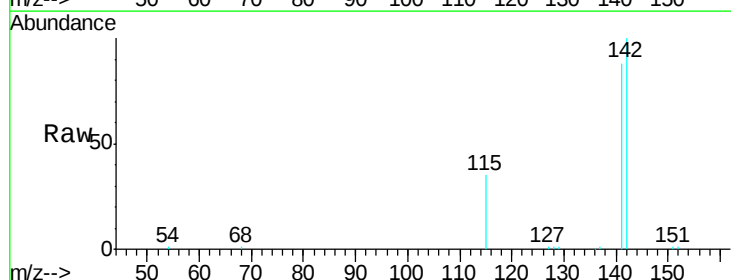
RT: 11.98 min Scan# 2610

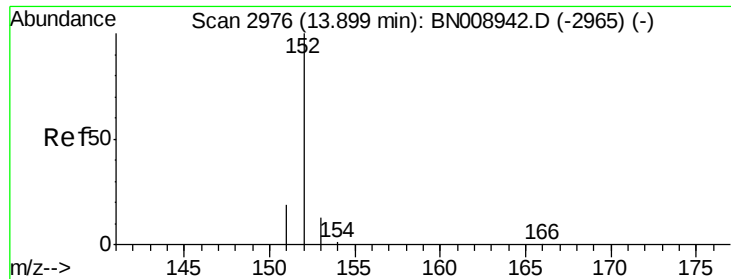
Delta R.T. -0.01 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Tgt Ion:	142	Resp:	20252
Ion Ratio	Lower	Upper	
142	100		
141	87.8	70.1	105.1





#7

Acenaphthylene

Concen: 0.349 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008953.D

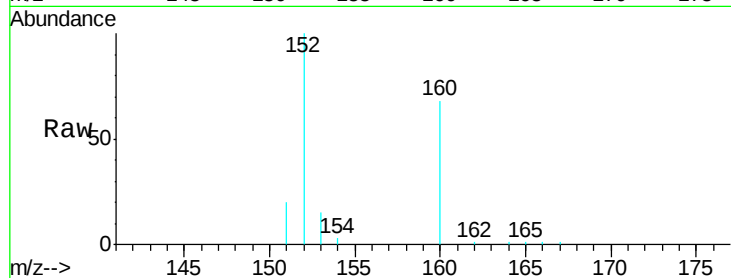
Acq: 12 Dec 2019 19:39

Instrument :

BNA_N

ClientSampleId :

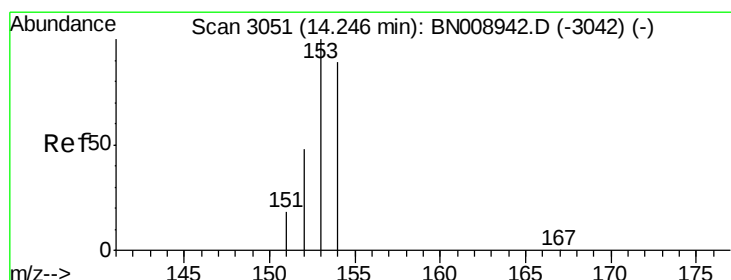
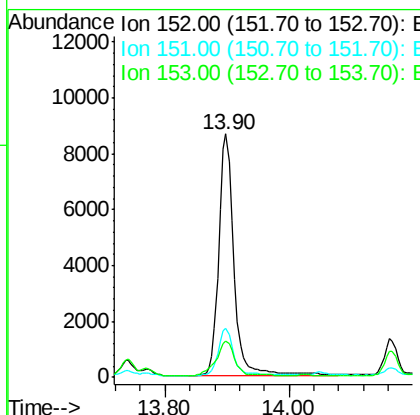
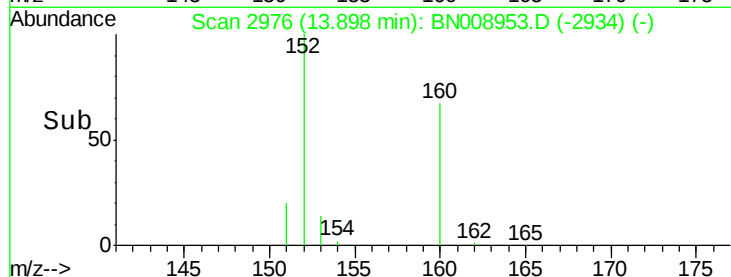
C0BQ9



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.6
153	14.9	10.6	15.8

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#8

Acenaphthene

Concen: 0.072 ng/ul

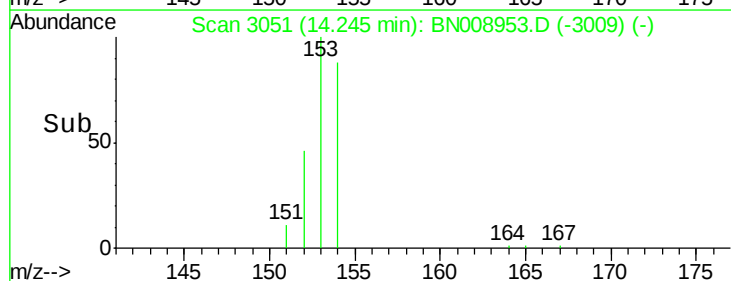
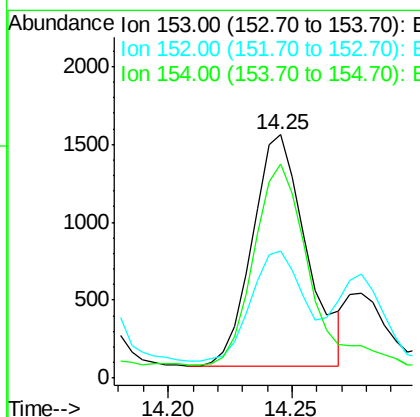
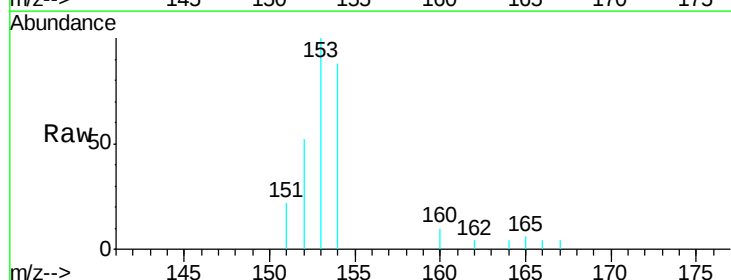
RT: 14.25 min Scan# 3051

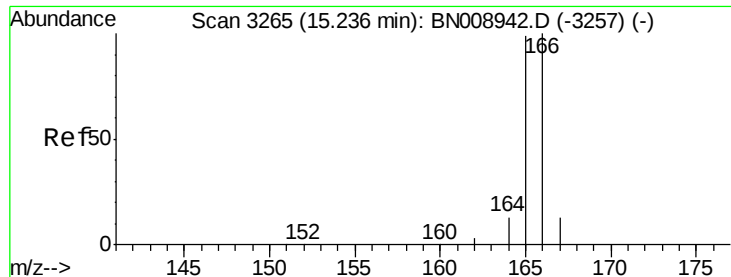
Delta R.T. -0.00 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.1	38.6	58.0
154	88.1	70.6	105.8





#9

Fluorene

Concen: 0.158 ng/ul

RT: 15.24 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Instrument :

BNA_N

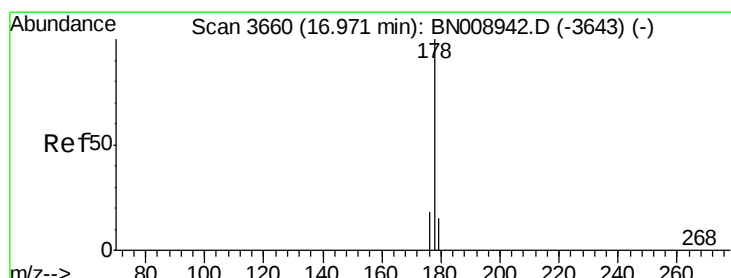
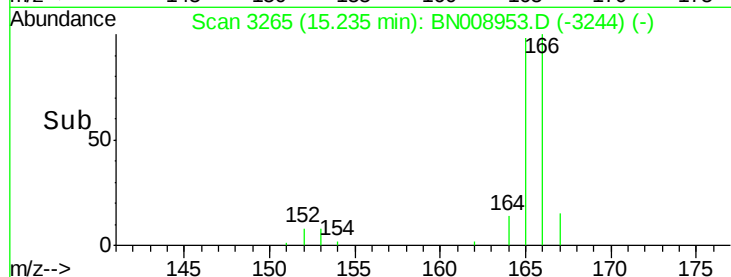
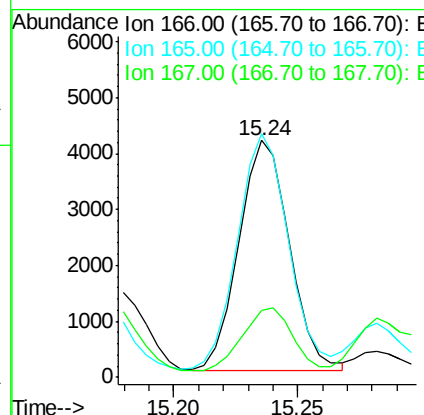
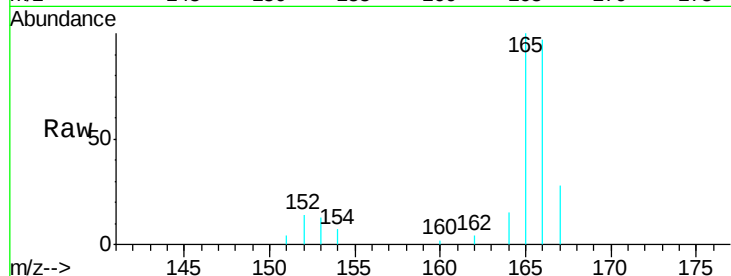
ClientSampled :

C0BQ9

Tgt Ion:	166	Resp:	5802
Ion Ratio	Lower	Upper	
166	100		
165	102.8	77.7	116.5
167	28.5	11.1	16.7#

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#12

Phenanthrene

Concen: 2.681 ng/ul

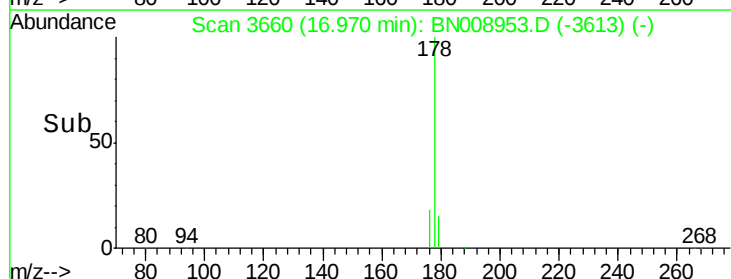
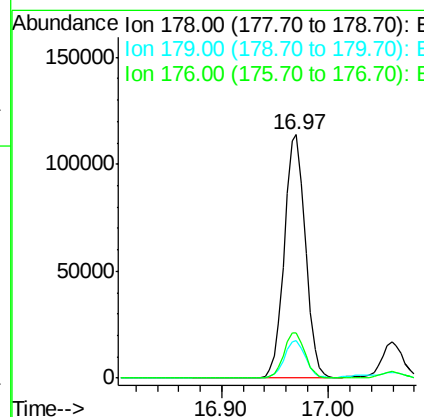
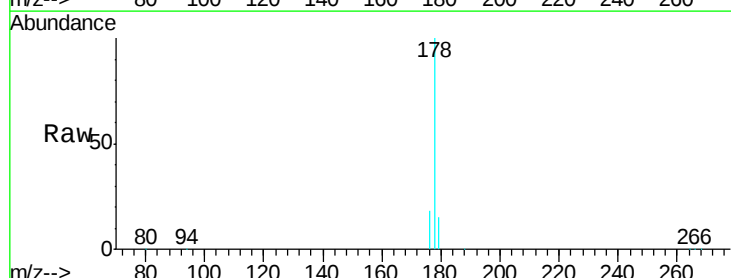
RT: 16.97 min Scan# 3660

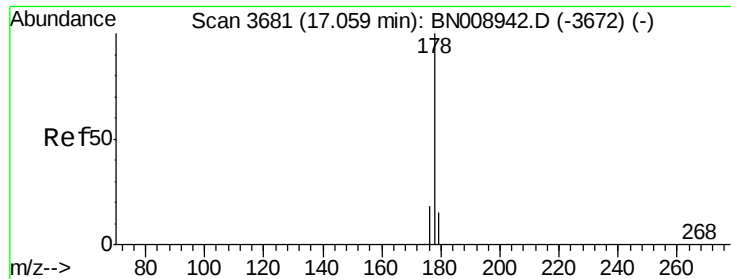
Delta R.T. 0.00 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Tgt Ion:	178	Resp:	153016
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	18.8
176	18.4	15.3	22.9





#13

Anthracene

Concen: 0.416 ng/ul

RT: 17.06 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Instrument :

BNA_N

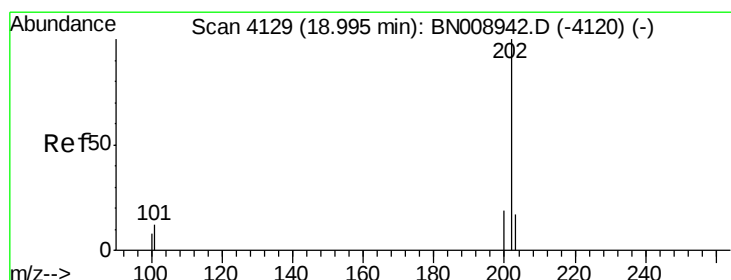
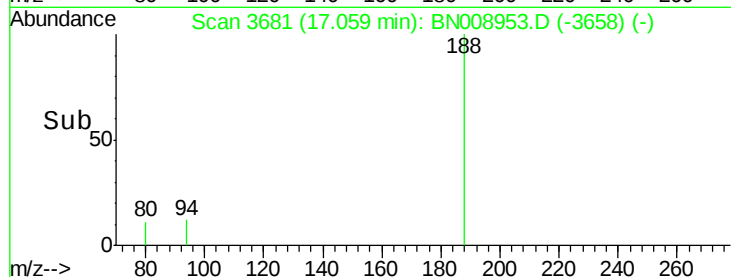
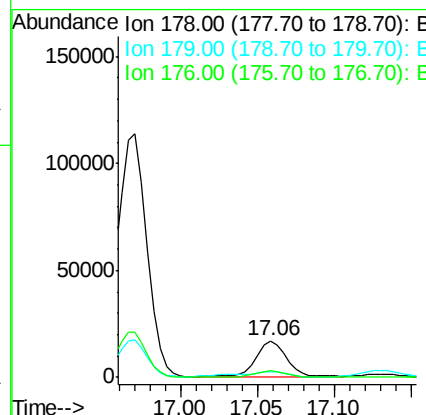
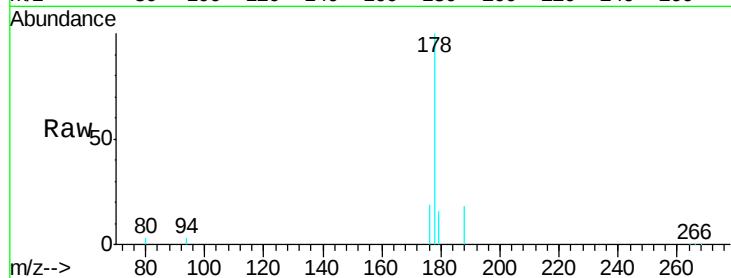
ClientSampled :

C0BQ9

Tgt Ion:	178	Resp:	22408
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.2	18.4
176	18.6	14.7	22.1

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#15

Fluoranthene

Concen: 4.902 ng/ul

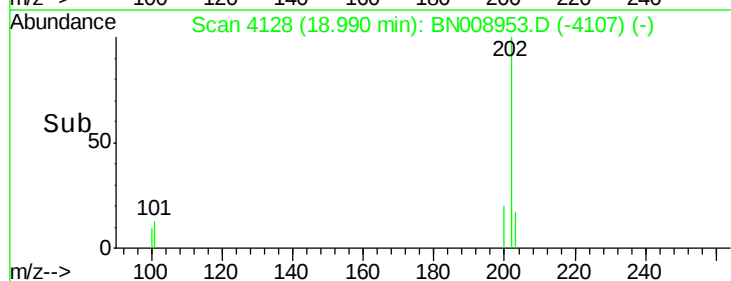
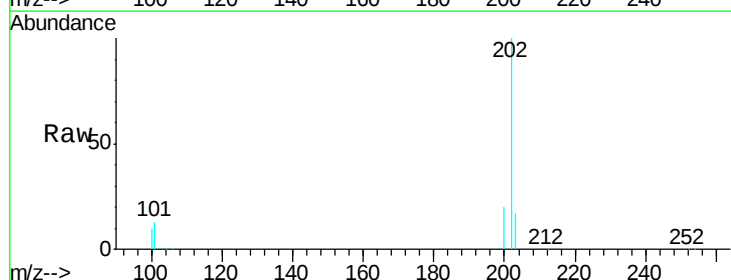
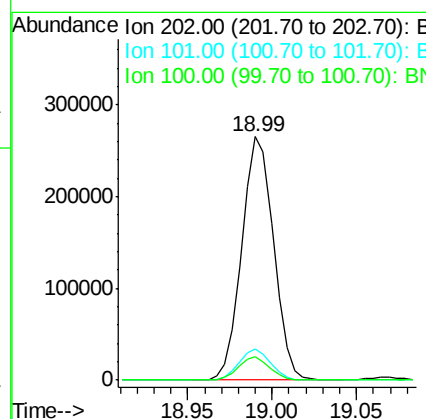
RT: 18.99 min Scan# 4128

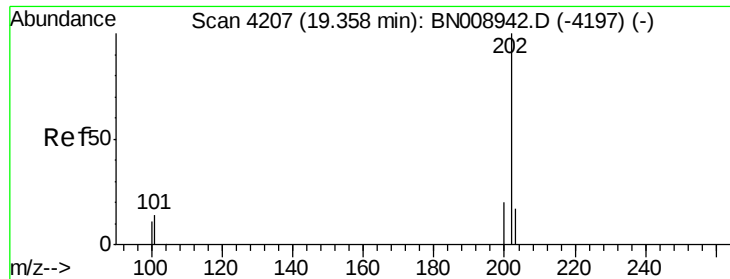
Delta R.T. -0.00 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Tgt Ion:	202	Resp:	343734
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	32.4
100	9.6	0.0	29.2





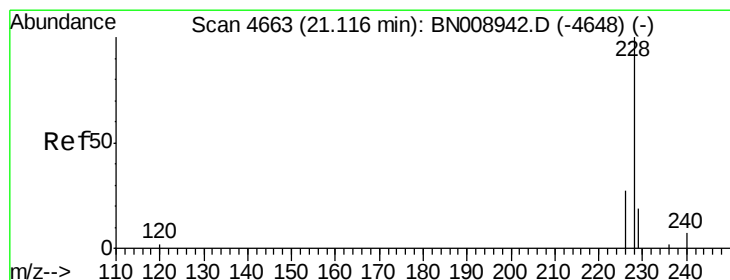
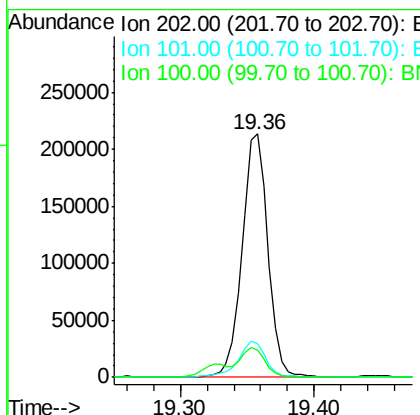
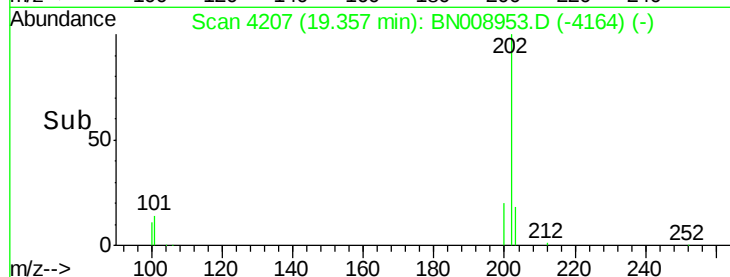
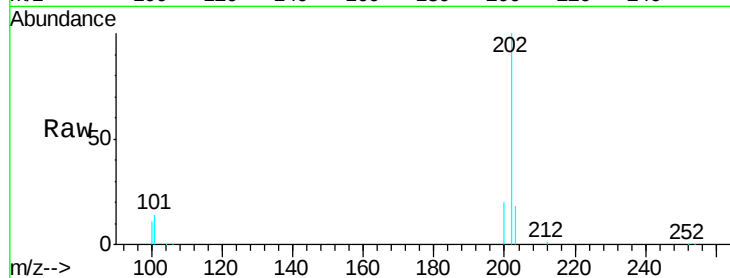
#17
 Pyrene
 Concen: 4.923 ng/ul
 RT: 19.36 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: BN008953.D
 Acq: 12 Dec 2019 19:39

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 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.8	12.2	18.4
100	11.0	9.5	14.3

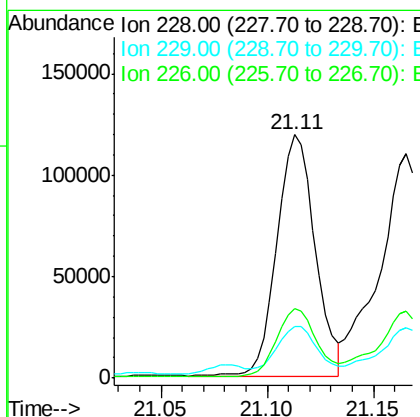
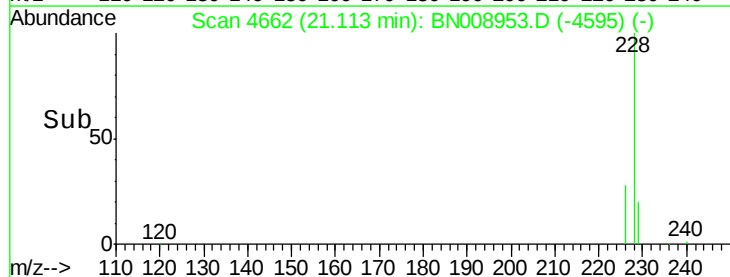
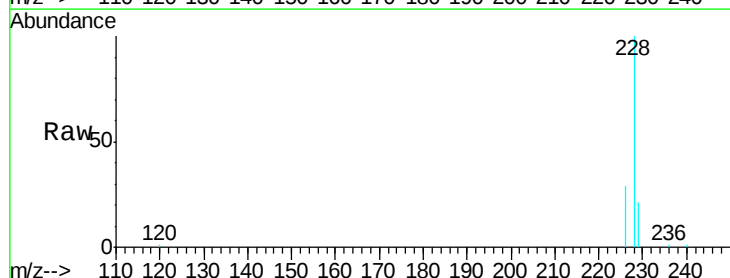
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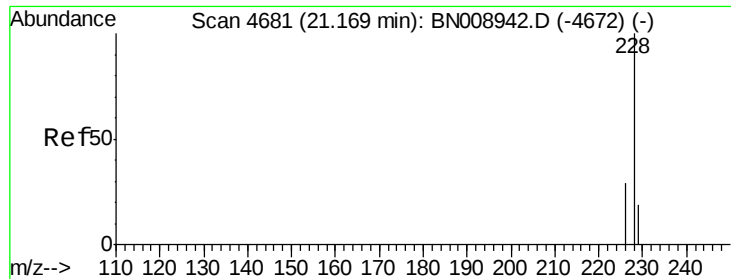
mohammad
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#18
 Benzo(a)anthracene
 Concen: 2.573 ng/ul
 RT: 21.11 min Scan# 4662
 Delta R.T. -0.01 min
 Lab File: BN008953.D
 Acq: 12 Dec 2019 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	15.7	23.5
226	28.7	21.5	32.3





#19

Chrysene

Concen: 2.823 ng/ul

RT: 21.17 min Scan# 4680

Delta R.T. -0.01 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Instrument :

BNA_N

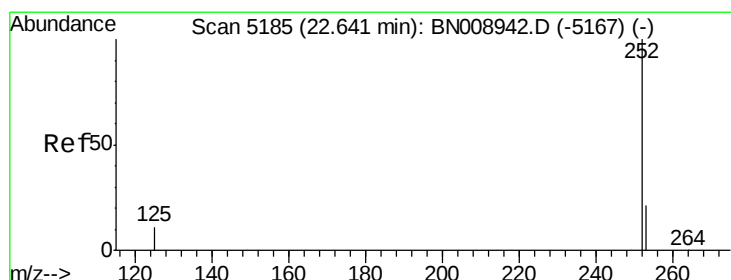
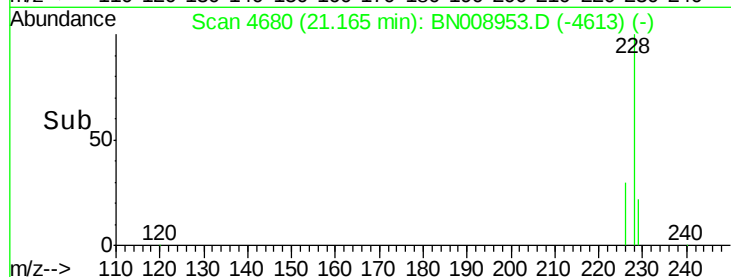
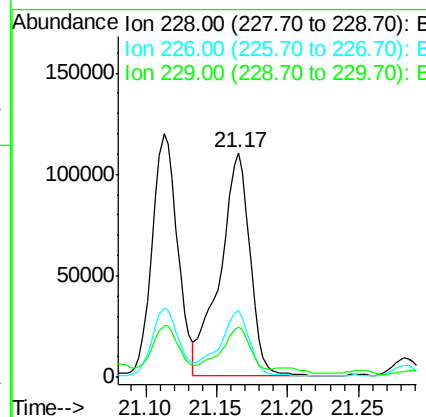
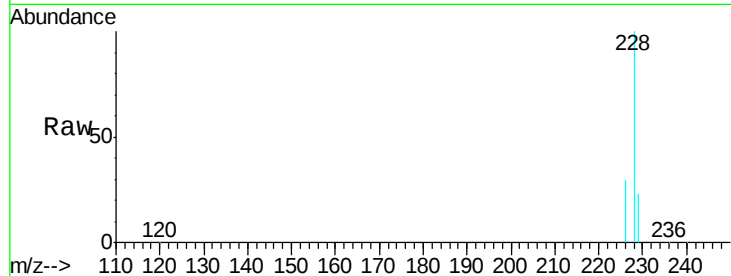
ClientSampleId :

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Tgt Ion:	228	Resp:	160023
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.6
229	22.6	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 3.024 ng/ul m

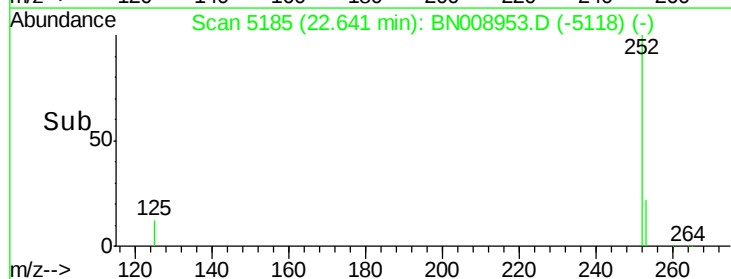
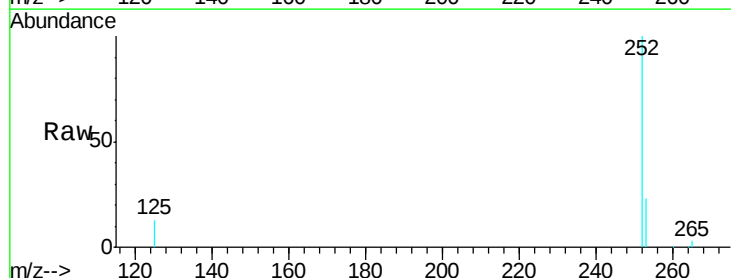
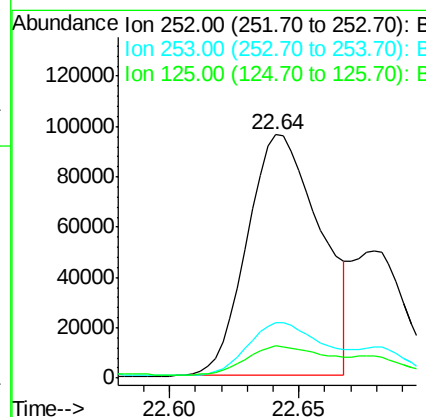
RT: 22.64 min Scan# 5185

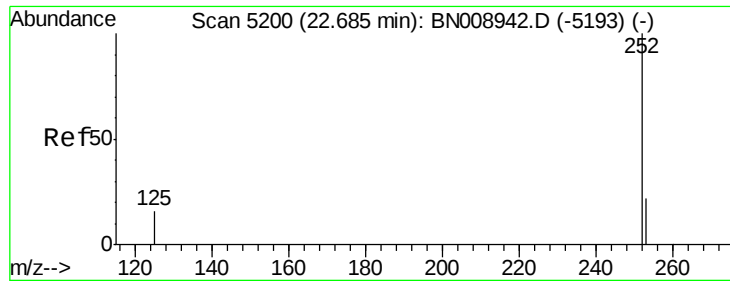
Delta R.T. -0.01 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Tgt Ion:	252	Resp:	186959
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	48.6
125	13.1	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 1.149 ng/ul m

RT: 22.68 min Scan# 5198

Delta R.T. -0.01 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Instrument :

BNA_N

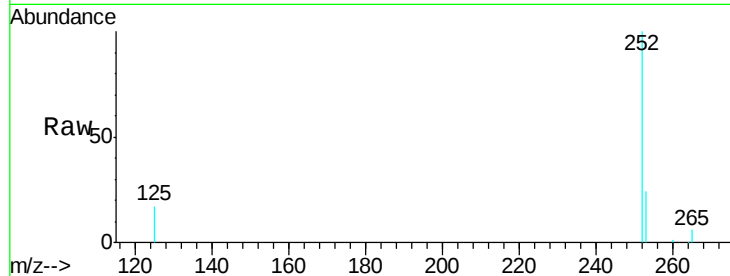
ClientSampleId :

C0BQ9

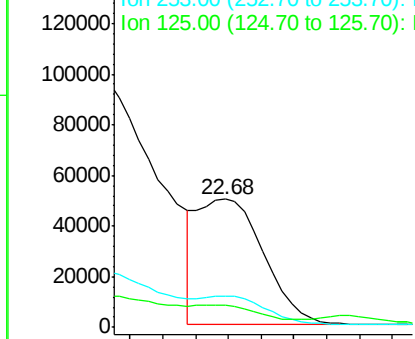
Tgt Ion:	252	Resp:	70431
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.6	29.4
125	17.3	13.8	20.6

Manual Integrations
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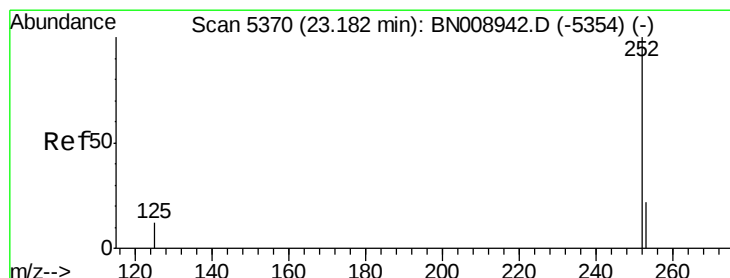
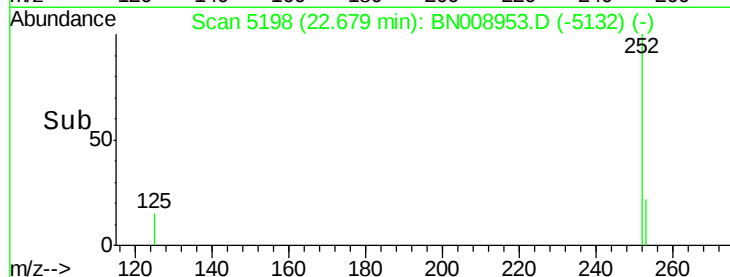
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 22.65 22.70



#23

Benzo(a)pyrene

Concen: 2.245 ng/ul

RT: 23.18 min Scan# 5370

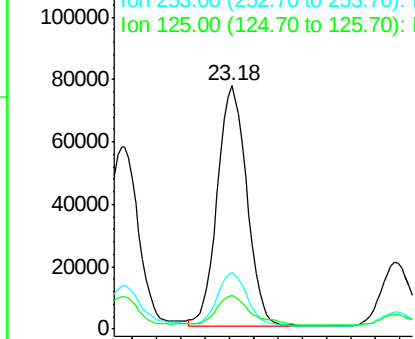
Delta R.T. -0.01 min

Lab File: BN008953.D

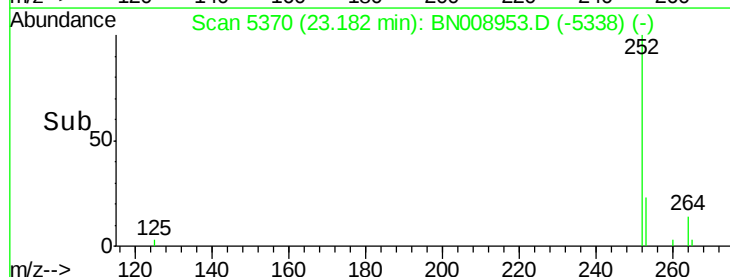
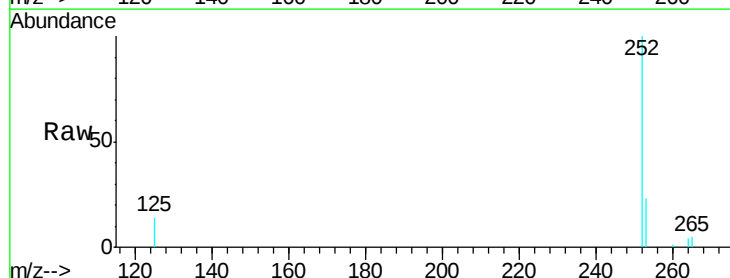
Acq: 12 Dec 2019 19:39

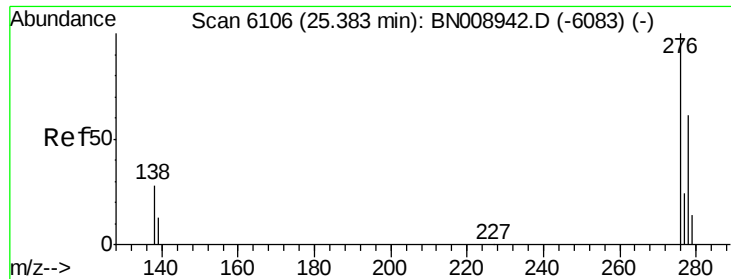
Tgt Ion:	252	Resp:	130253
Ion Ratio	Lower	Upper	
252	100		
253	23.2	19.9	29.9
125	13.8	14.6	22.0#

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



Time--> 23.10 23.20 23.30





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.184 ng/ul

RT: 25.38 min Scan# 6105

Delta R.T. -0.01 min

Lab File: BN008953.D

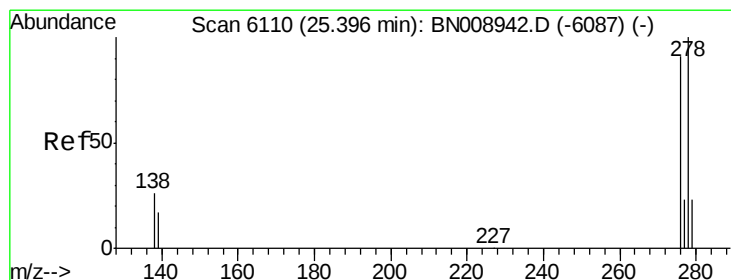
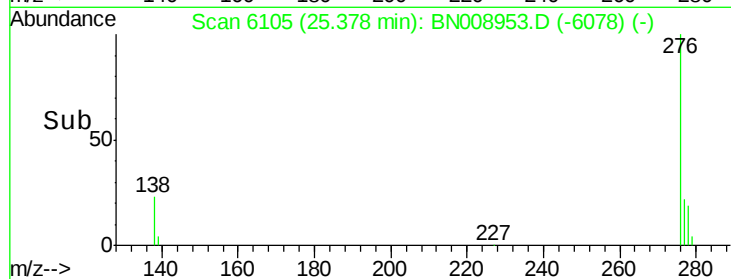
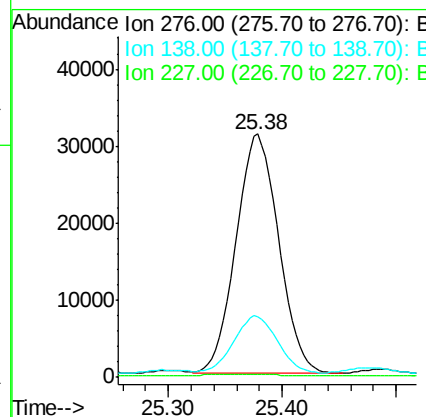
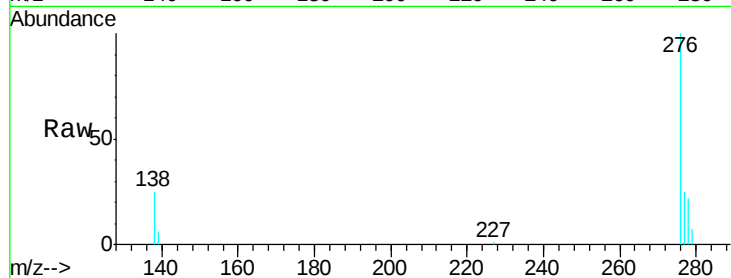
Acq: 12 Dec 2019 19:39

Instrument :
BNA_N
ClientSampleId :
C0BQ9

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.1	23.8	35.6
227	0.7	0.2	0.2

Manual Integrations
APPROVED

mohammad
12/13/2019 9:07:59 AM



#25

Dibenzo(a,h)anthracene

Concen: 0.388 ng/ul

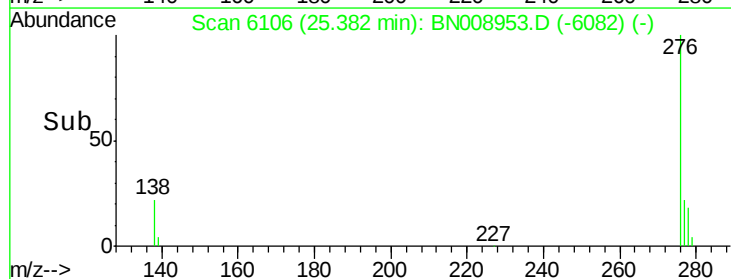
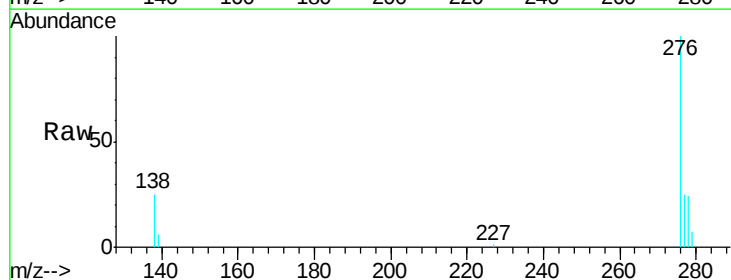
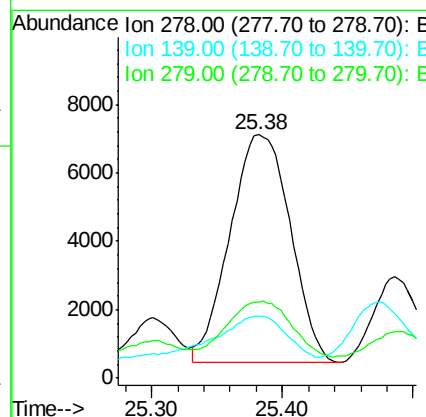
RT: 25.38 min Scan# 6106

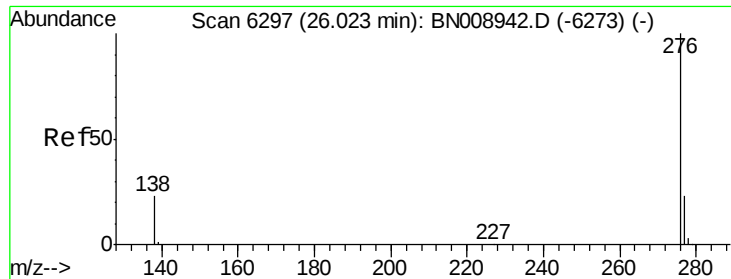
Delta R.T. -0.02 min

Lab File: BN008953.D

Acq: 12 Dec 2019 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	25.4	17.4	26.0
279	31.3	20.5	30.7





#26

Benzo(g,h,i)perylene

Concen: 1.402 ng/ul

RT: 26.02 min Scan# 6296

Delta R.T. -0.01 min

Lab File: BN008953.D

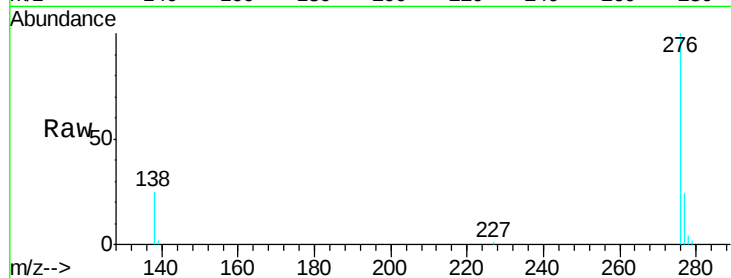
Acq: 12 Dec 2019 19:39

Instrument :

BNA_N

ClientSampleId :

C0BQ9



Tgt	Ion	276	Resp:	79624
Ion	Ratio	100	Lower	Upper
276	100			
138	25.2	21.9	32.9	
277	24.2	19.9	29.9	

Manual Integrations
APPROVED

mohammad
12/13/2019 9:07:59 AM

