

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008931.D
 Acq On : 11 Dec 2019 23:32
 Operator : JU
 Sample : K6088-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP4

Manual Integrations
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mohammad
 12/12/2019 11:32:38 AM

Quant Time: Dec 12 01:52:42 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	2410	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6843	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15905	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13822	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14456	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2647	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8453	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	3309	0.104	ng/ul#	95
5) 2-Methylnaphthalene	11.98	142	1859	0.083	ng/ul	99
7) Acenaphthylene	13.90	152	33134	0.876	ng/ul	99
8) Acenaphthene	14.25	153	2875	0.102	ng/ul	98
9) Fluorene	15.24	166	10300	0.312	ng/ul	98
12) Phenanthrene	16.97	178	277881	5.181	ng/ul	99
13) Anthracene	17.06	178	44248	0.873	ng/ul	99
15) Fluoranthene	19.00	202	727585	11.041	ng/ul	99
17) Pyrene	19.36	202	592637	10.687	ng/ul	99
18) Benzo(a)anthracene	21.12	228	280632	5.049	ng/ul	98
19) Chrysene	21.17	228	274940	5.036	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	388733m	6.521	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	132930m	2.248	ng/ul	
23) Benzo(a)pyrene	23.19	252	277656	4.962	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.38	276	181845	2.779	ng/ul	90
25) Dibenzo(a,h)anthracene	25.39	278	39182	0.741	ng/ul	99
26) Benzo(a,h,i)perylene	26.02	276	176892	3.231	ng/ul	96

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

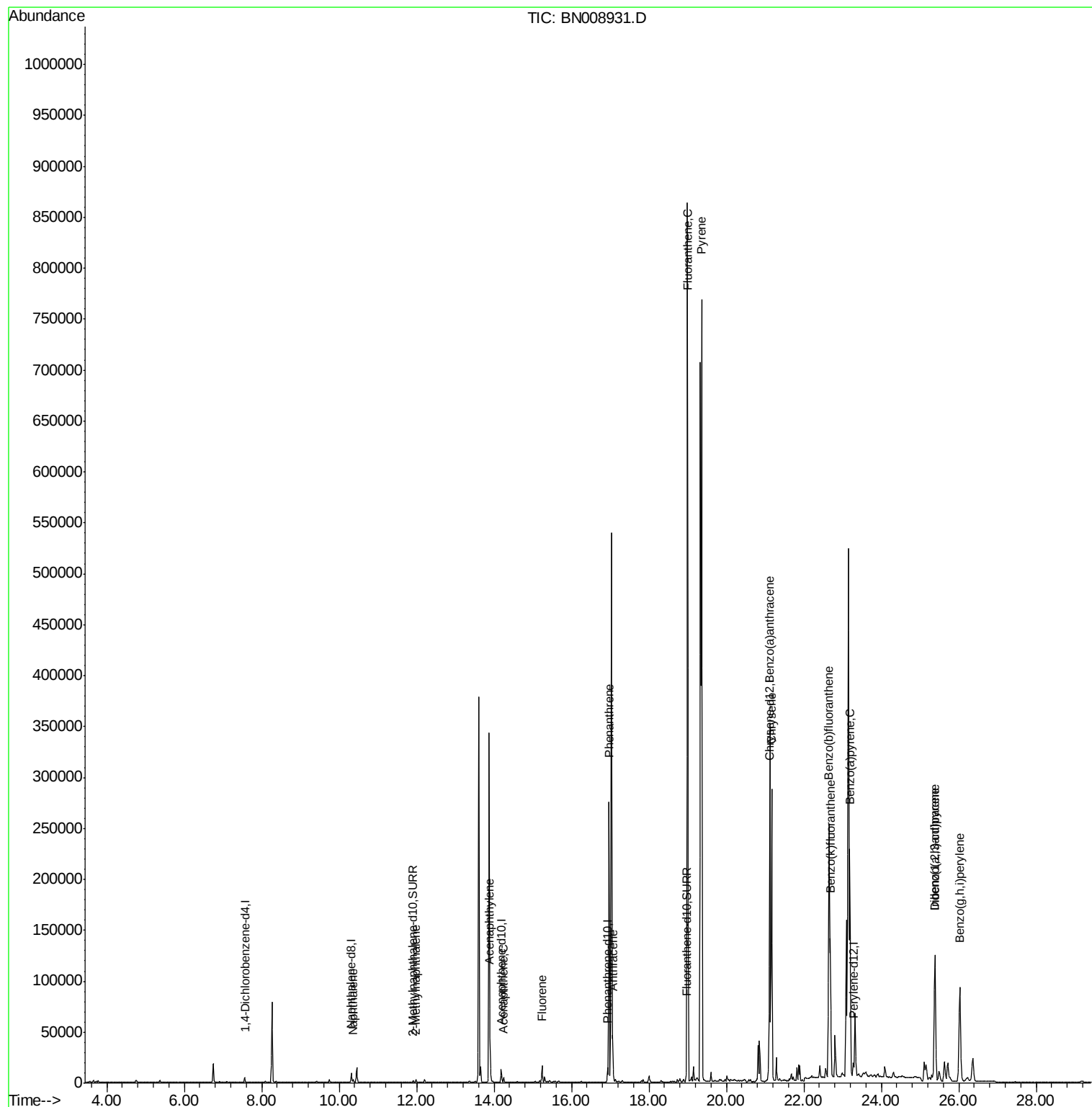
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008931.D
Acq On : 11 Dec 2019 23:32
Operator : JU
Sample : K6088-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

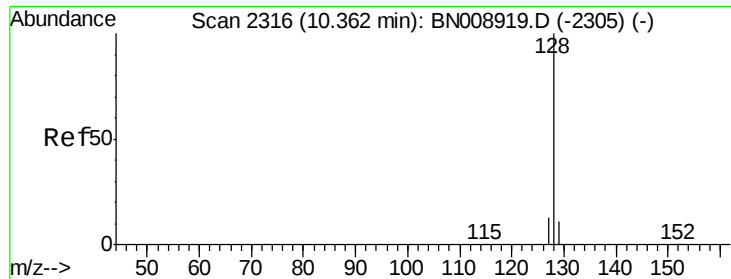
Instrument :
BNA_N
ClientSampleId :
C0BP4

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Quant Time: Dec 12 01:52:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.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: 0.104 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008931.D

Acq: 11 Dec 2019 23:32

Instrument :

BNA_N

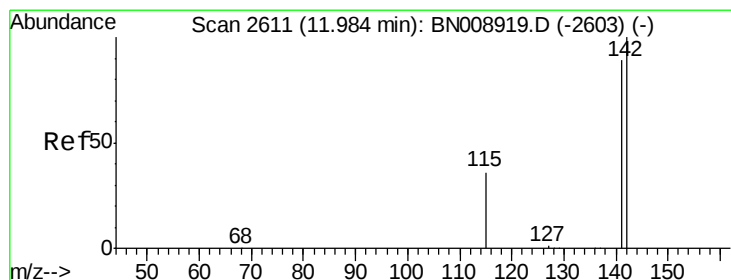
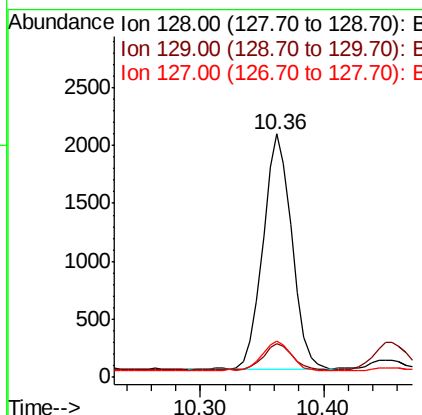
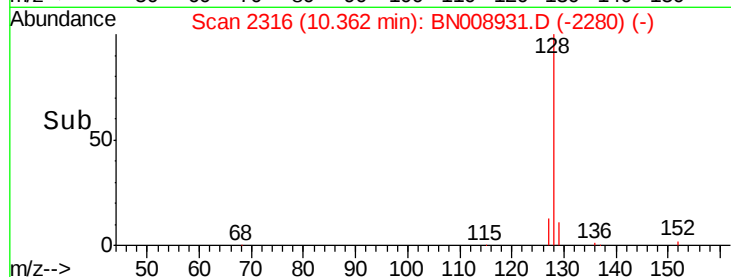
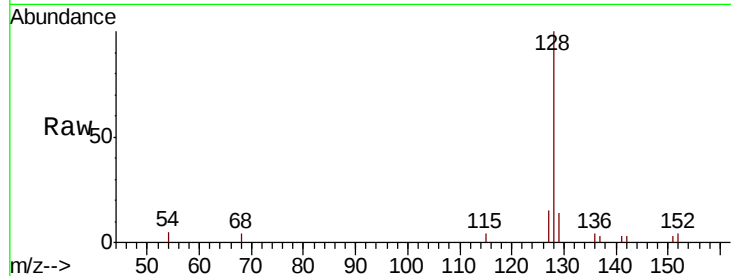
ClientSampleId :

C0BP4

Tot Ion:	128	Resp:	3309
Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.1	13.7#
127	14.8	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.083 ng/ul

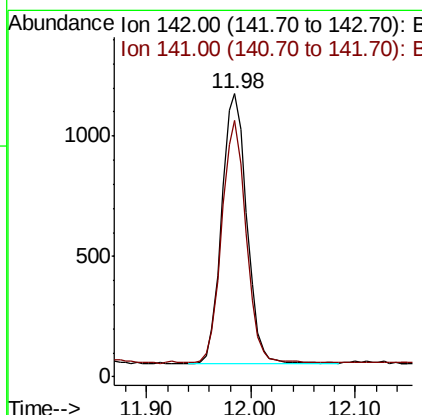
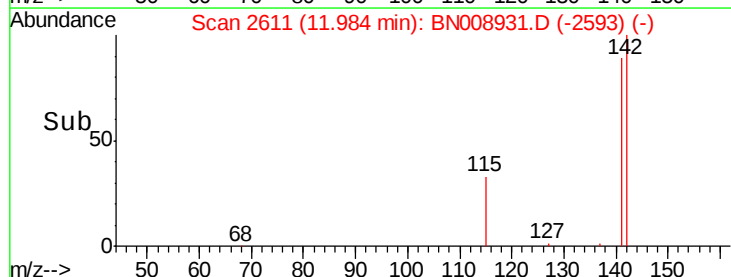
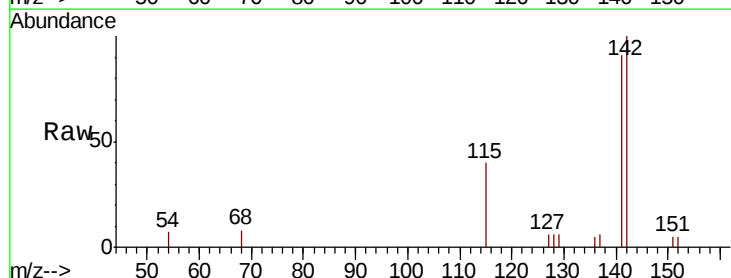
RT: 11.98 min Scan# 2611

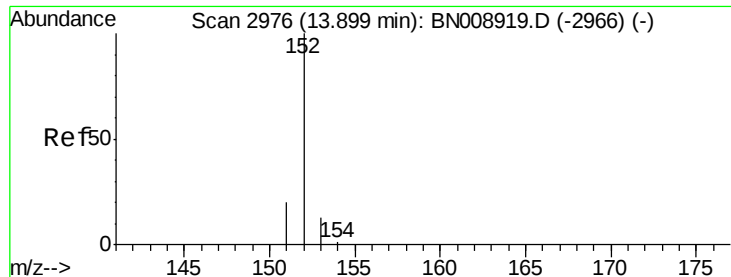
Delta R.T. 0.00 min

Lab File: BN008931.D

Acq: 11 Dec 2019 23:32

Tgt Ion:	142	Resp:	1859
Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.1	105.1





#7

Acenaphthylene

Concen: 0.876 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008931.D

Acq: 11 Dec 2019 23:32

Instrument :

BNA_N

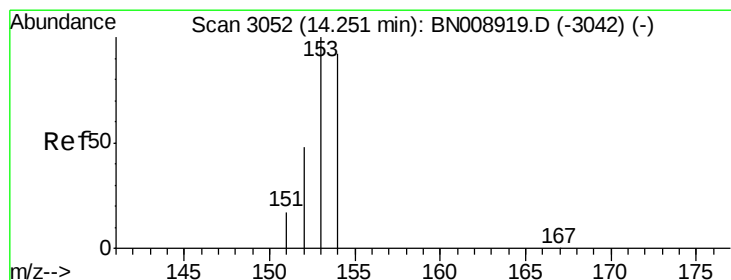
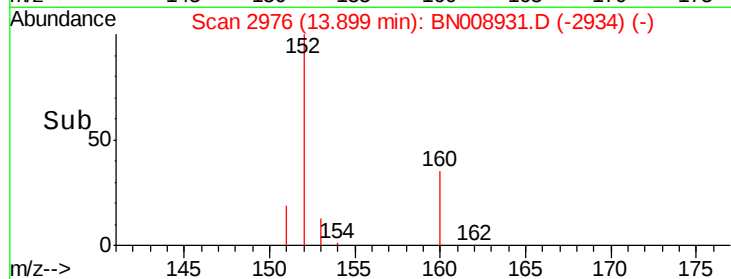
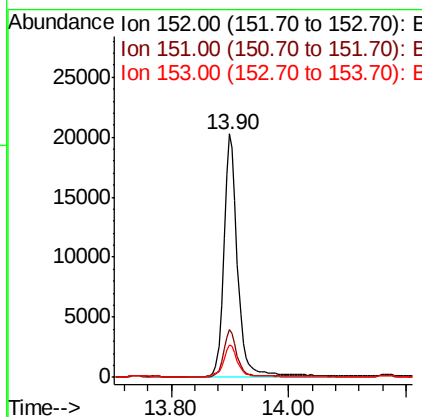
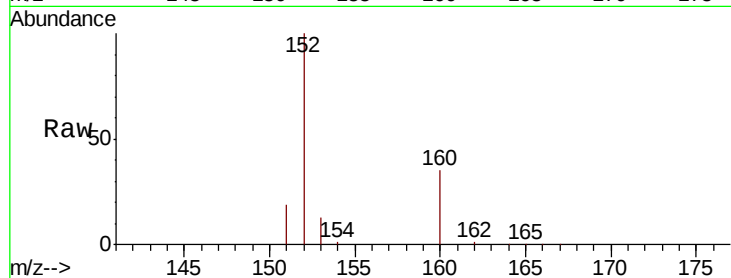
ClientSampleId :

C0BP4

Tot Ion:	152	Resp:	33134
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.8	23.6
153	13.3	10.6	15.8

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#8

Acenaphthene

Concen: 0.102 ng/ul

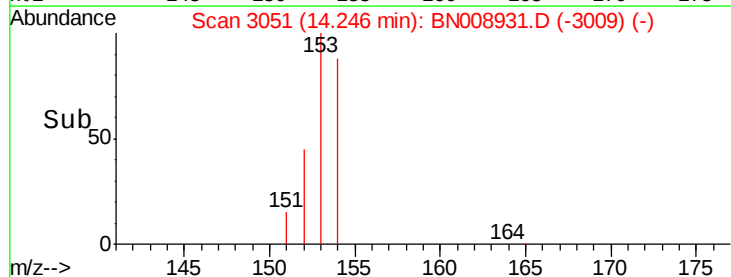
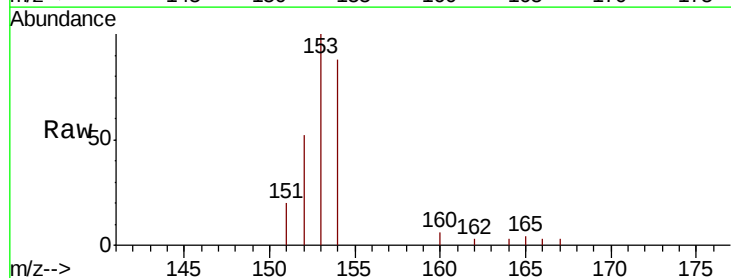
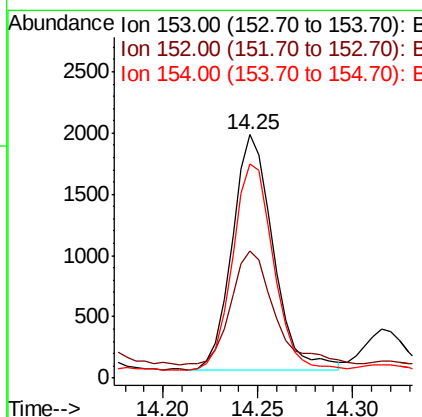
RT: 14.25 min Scan# 3051

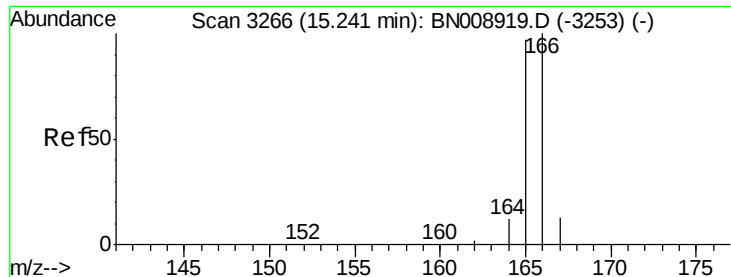
Delta R.T. -0.00 min

Lab File: BN008931.D

Acq: 11 Dec 2019 23:32

Tgt Ion:	153	Resp:	2875
Ion Ratio	Lower	Upper	
153	100		
152	52.1	38.6	58.0
154	88.2	70.6	105.8





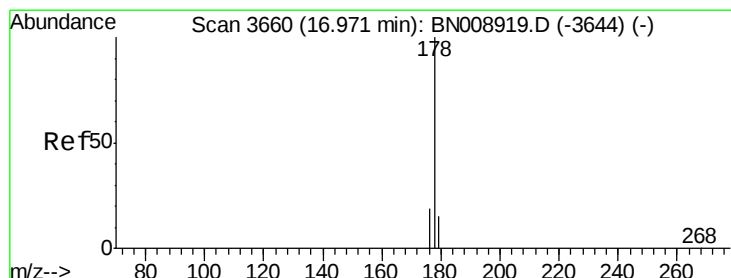
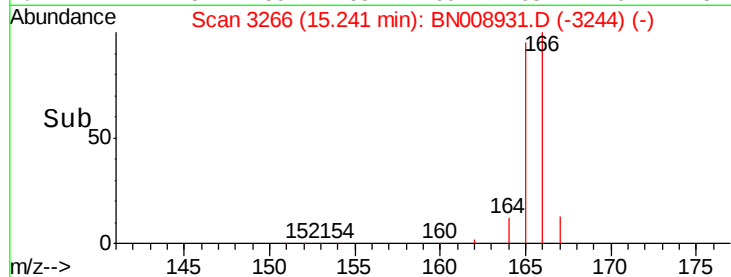
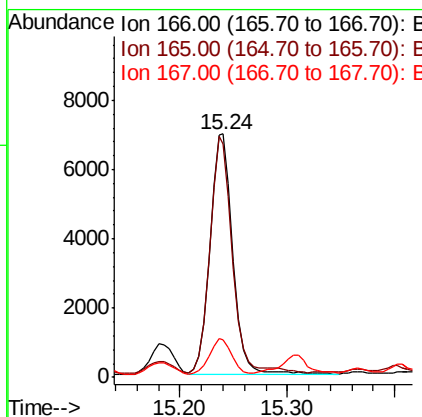
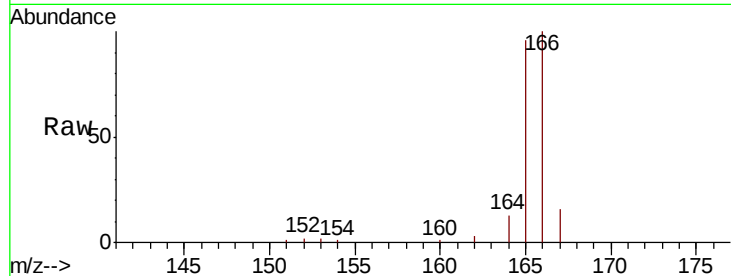
#9
Fluorene
 Concen: 0.312 ng/ul
 RT: 15.24 min Scan# 3266
 Delta R.T. 0.00 min
 Lab File: BN008931.D
 Acq: 11 Dec 2019 23:32

Instrument :
 BNA_N
 ClientSampleId :
 C0BP4

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.7	116.5
167	15.6	11.1	16.7

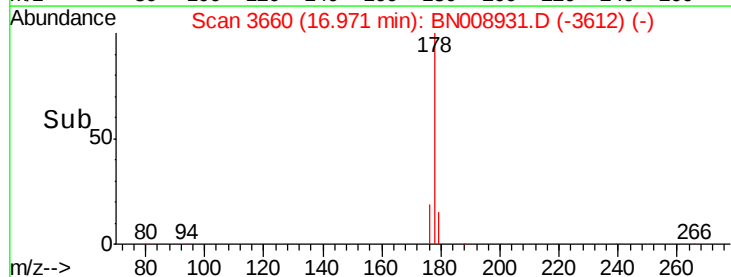
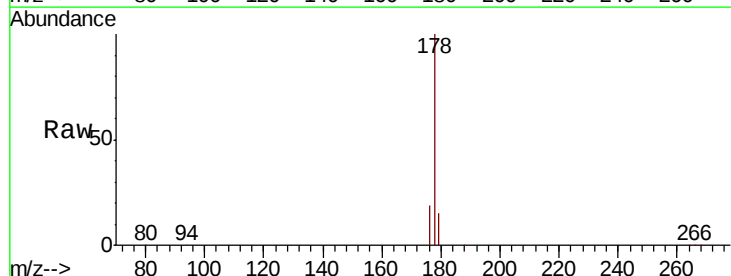
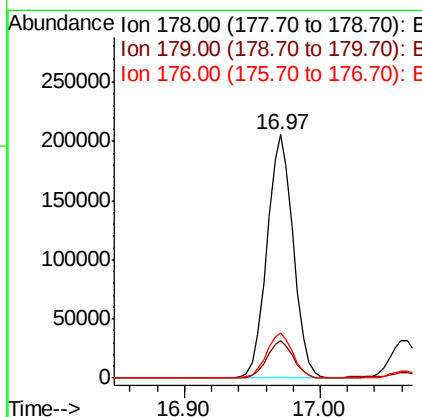
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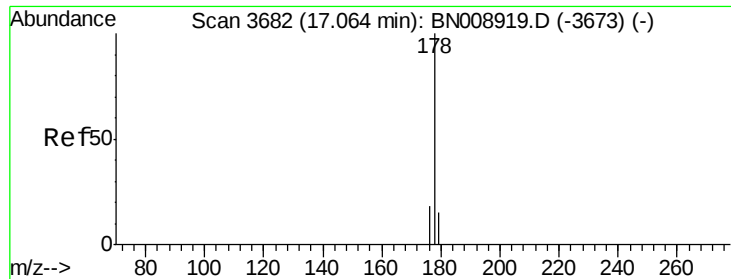
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#12
Phenanthrene
 Concen: 5.181 ng/ul
 RT: 16.97 min Scan# 3660
 Delta R.T. 0.00 min
 Lab File: BN008931.D
 Acq: 11 Dec 2019 23:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	18.5	15.3	22.9





#13

Anthracene

Concen: 0.873 ng/ul

RT: 17.06 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BN008931.D

Acq: 11 Dec 2019 23:32

Instrument :

BNA_N

ClientSampleId :

C0BP4

Tot Ion:178 Resp: 44248

Ion Ratio Lower Upper

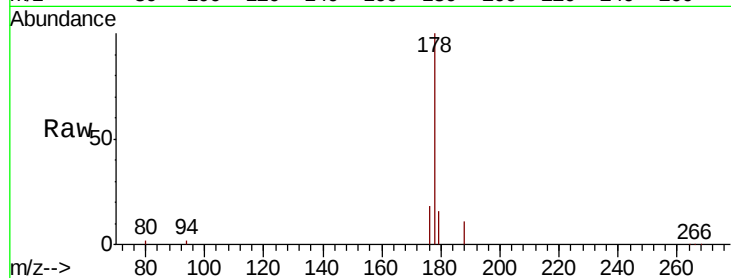
178 100

179 15.7 12.2 18.4

176 18.5 14.7 22.1

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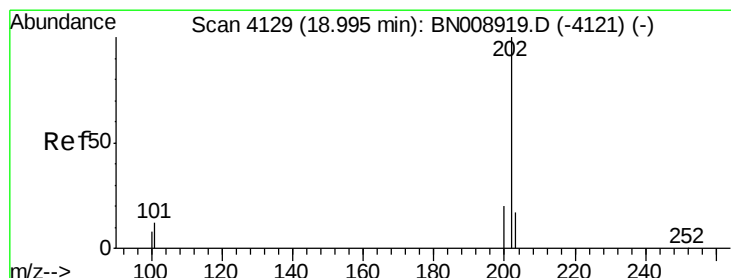
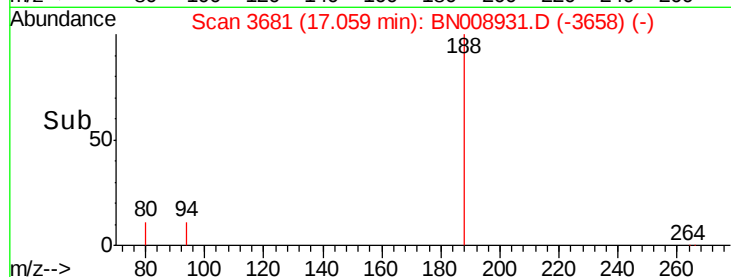
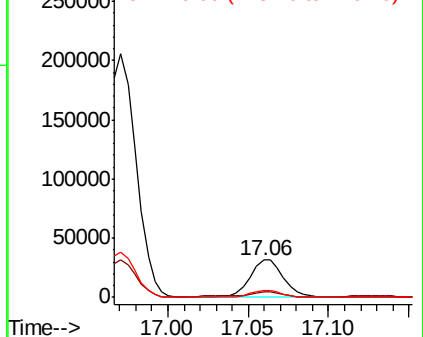


Abundance

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



#15

Fluoranthene

Concen: 11.041 ng/ul

RT: 19.00 min Scan# 4129

Delta R.T. 0.00 min

Lab File: BN008931.D

Acq: 11 Dec 2019 23:32

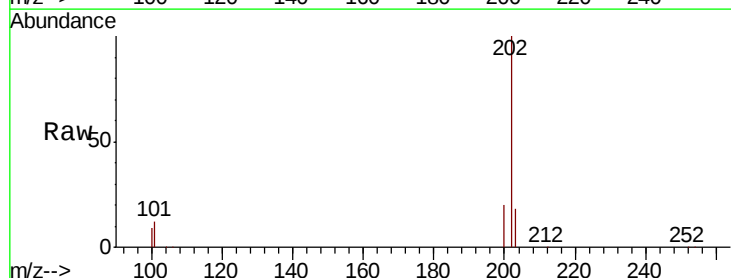
Tgt Ion:202 Resp: 727585

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.4

100 8.8 0.0 29.2

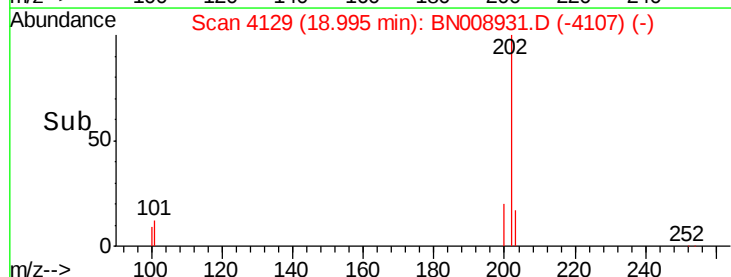
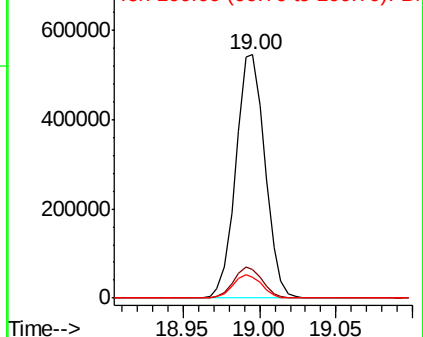


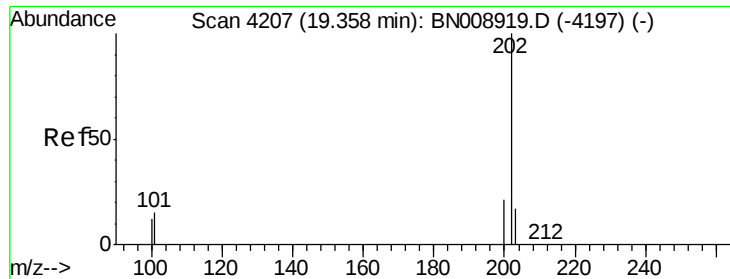
Abundance

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





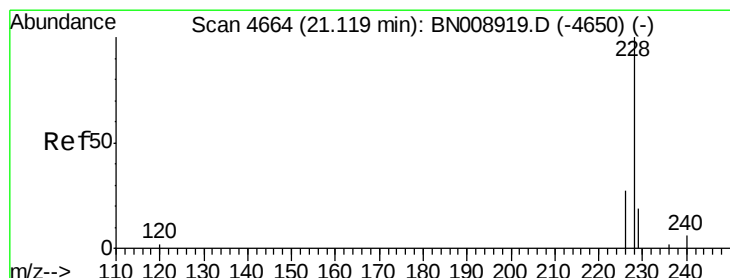
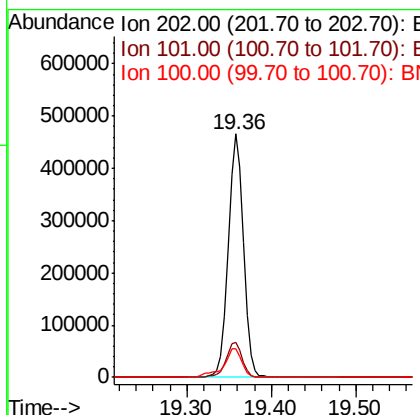
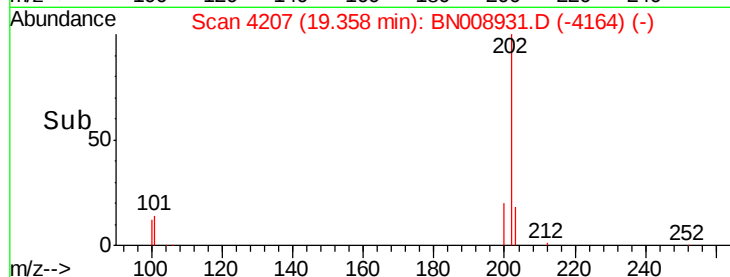
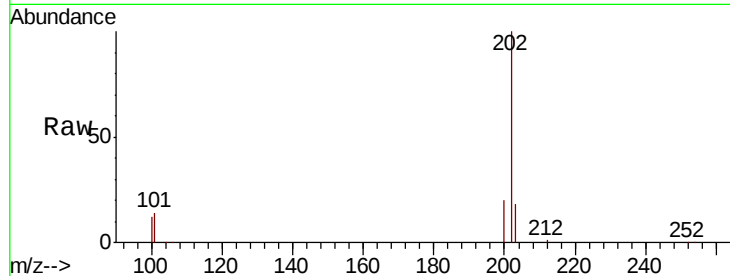
#17
Pvrene
Concen: 10.687 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008931.D
Acq: 11 Dec 2019 23:32

Instrument :
BNA_N
ClientSampleId :
C0BP4

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.5	12.2	18.4
100	11.6	9.5	14.3

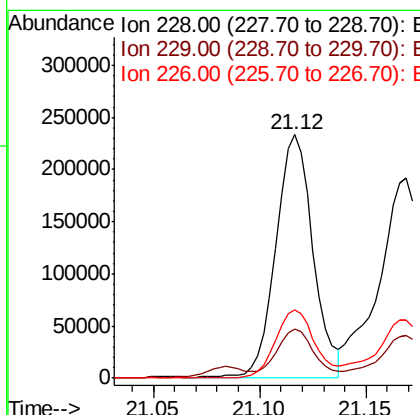
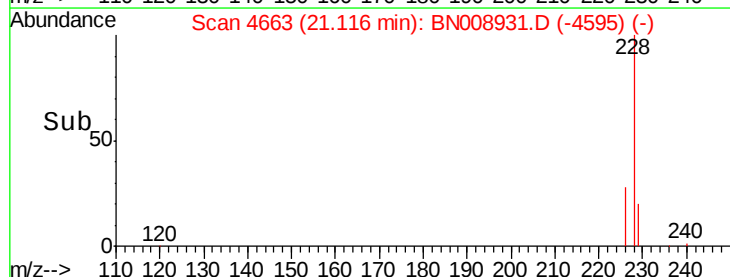
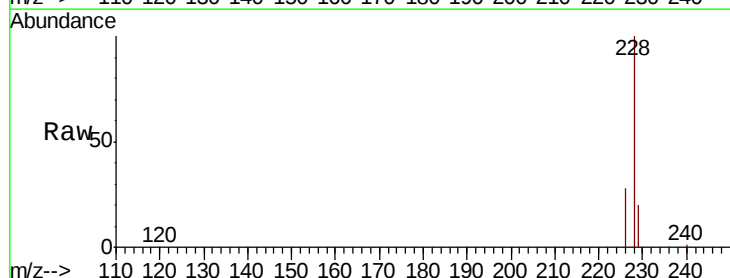
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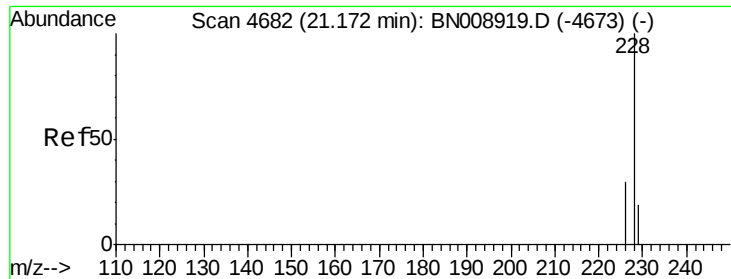
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#18
Benzo(a)anthracene
Concen: 5.049 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008931.D
Acq: 11 Dec 2019 23:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.9	15.7	23.5
226	28.1	21.5	32.3





#19

Chrysene

Concen: 5.036 ng/ul

RT: 21.17 min Scan# 4681

Delta R.T. -0.00 min

Lab File: BN008931.D

Acq: 11 Dec 2019 23:32

Instrument :

BNA_N

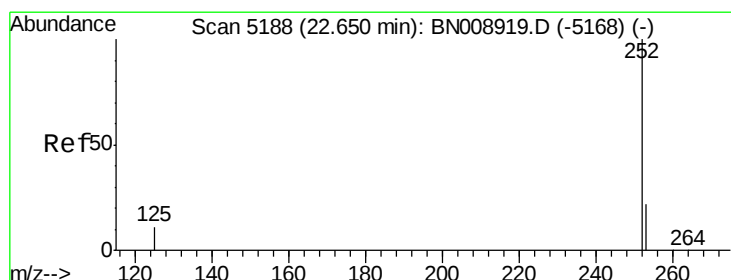
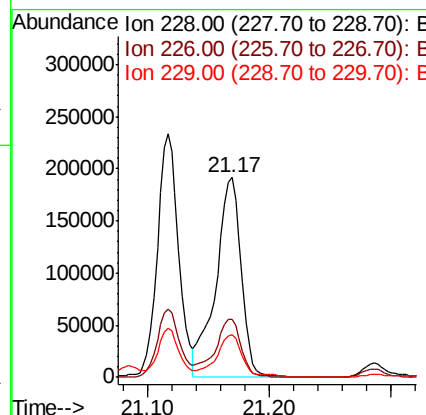
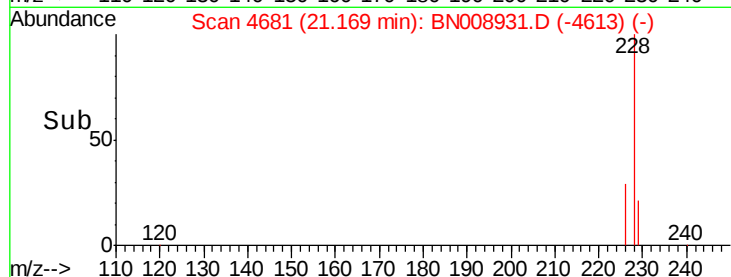
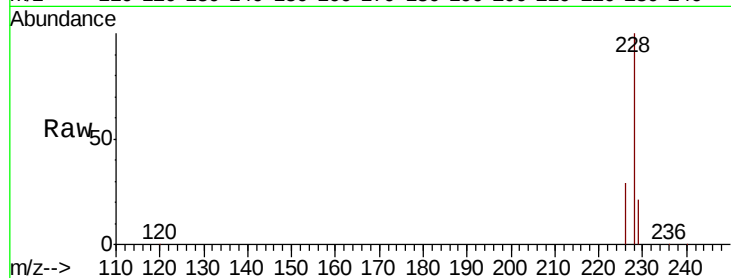
ClientSampleId :

C0BP4

Tot Ion:	228	Resp:	274940
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.8	35.6
229	21.3	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 6.521 ng/ul m

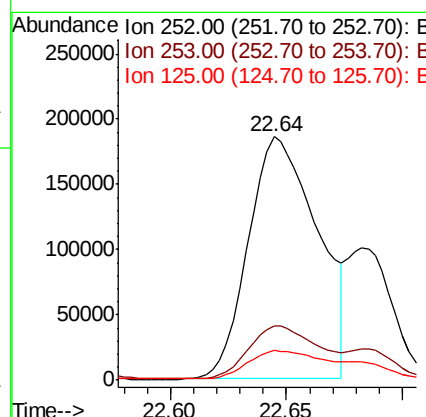
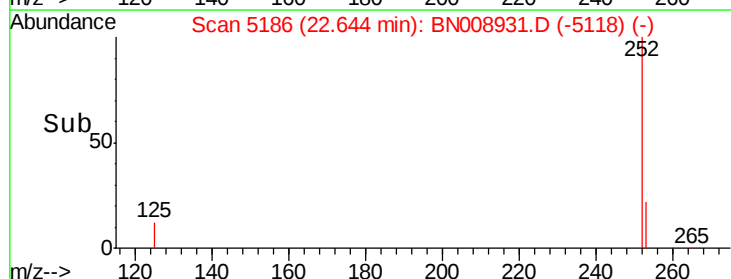
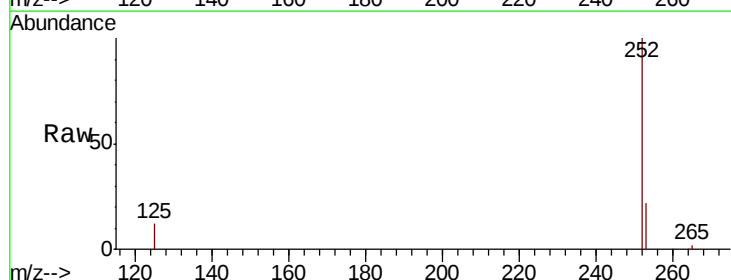
RT: 22.64 min Scan# 5186

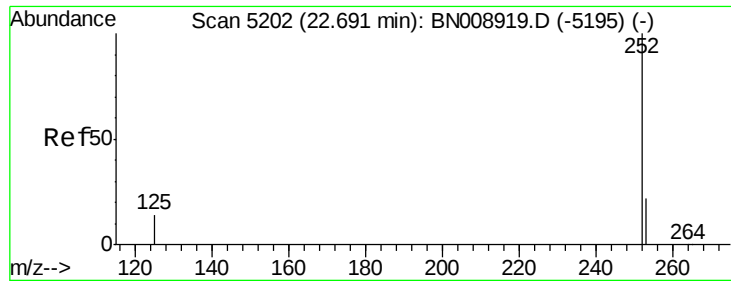
Delta R.T. -0.00 min

Lab File: BN008931.D

Acq: 11 Dec 2019 23:32

Tgt Ion:	252	Resp:	388733
Ion Ratio	Lower	Upper	
252	100		
253	22.3	0.0	48.6
125	12.1	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 2.248 ng/ul

RT: 22.68 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BN008931.D

Acq: 11 Dec 2019 23:32

Instrument :

BNA_N

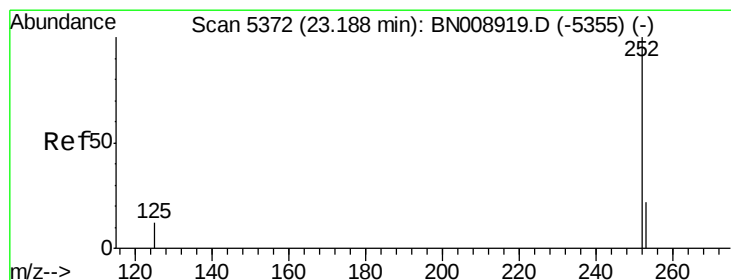
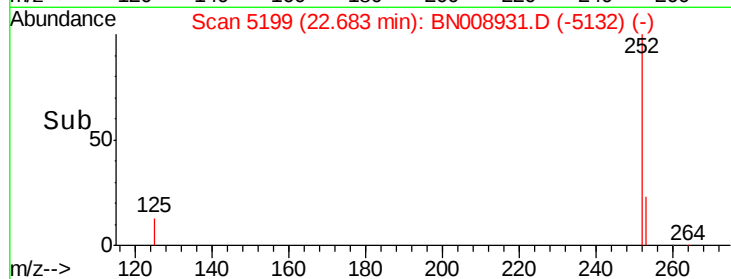
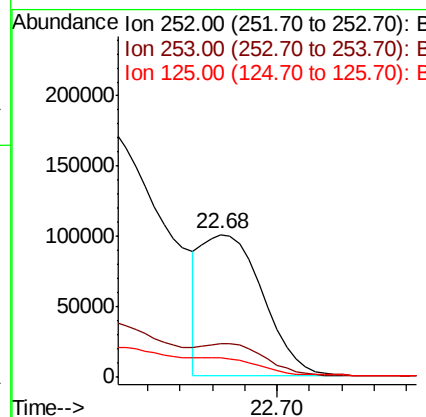
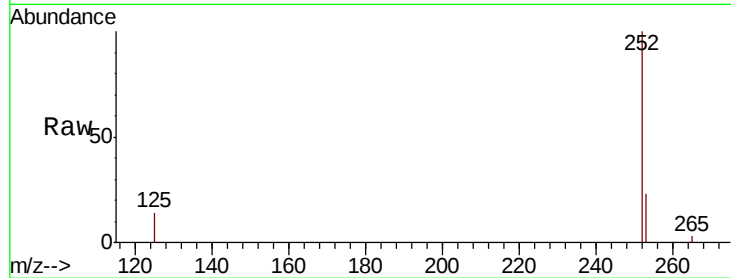
ClientSampleId :

C0BP4

Tot Ion:	252	Resp:	132930
Ion Ratio	Lower	Upper	
252	100		
253	23.3	19.6	29.4
125	13.8	13.8	20.6#

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#23

Benzo(a)pyrene

Concen: 4.962 ng/ul

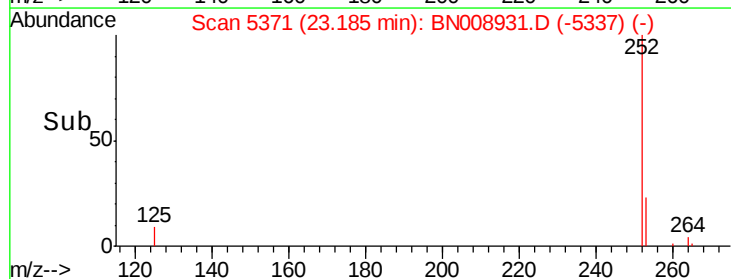
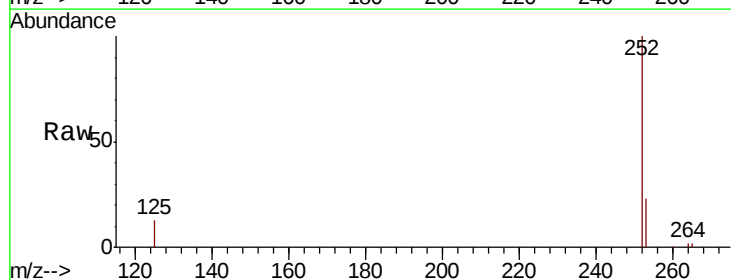
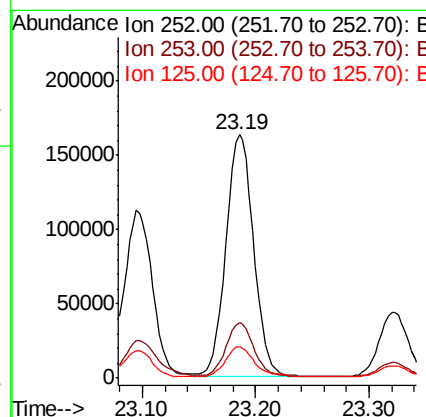
RT: 23.19 min Scan# 5371

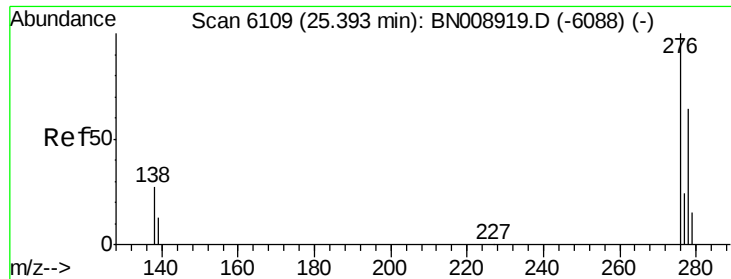
Delta R.T. -0.00 min

Lab File: BN008931.D

Acq: 11 Dec 2019 23:32

Tgt Ion:	252	Resp:	277656
Ion Ratio	Lower	Upper	
252	100		
253	22.6	19.9	29.9
125	12.8	14.6	22.0#





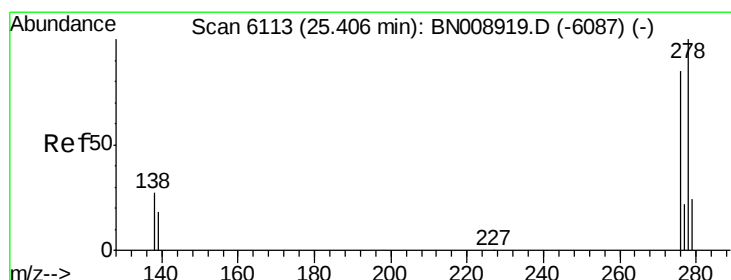
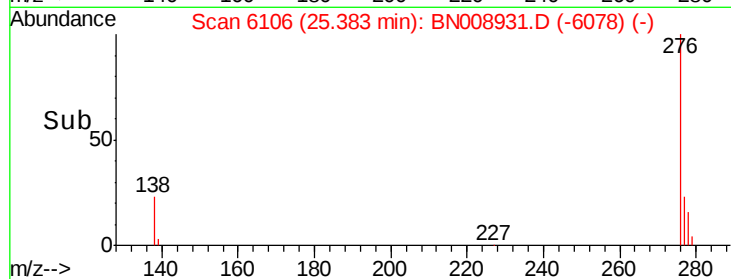
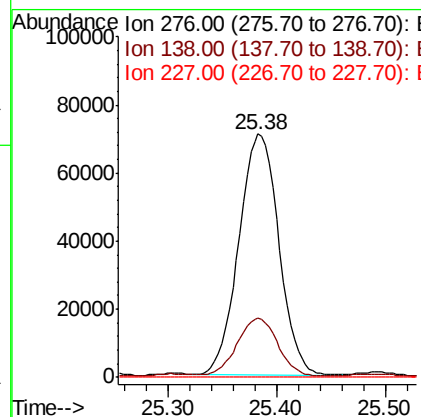
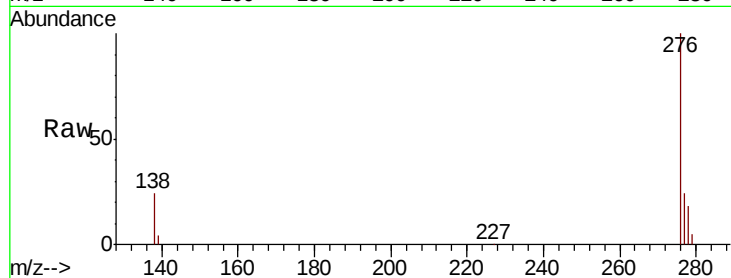
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.779 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.01 min
Lab File: BN008931.D
Acq: 11 Dec 2019 23:32

Instrument :
BNA_N
ClientSampleId :
C0BP4

Tot Ion	Ratio	Resp	Lower	Upper
276	100	181845		
138	24.2	23.8	35.6	
227	0.2	0.2	0.2	

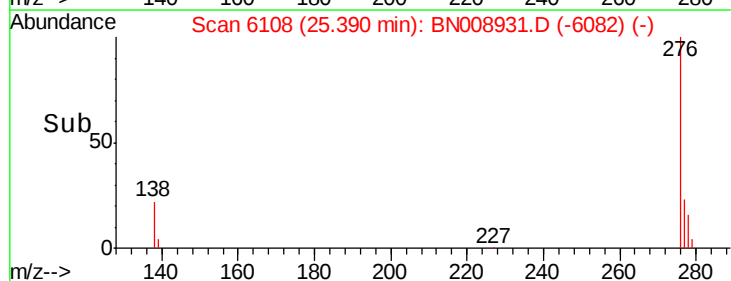
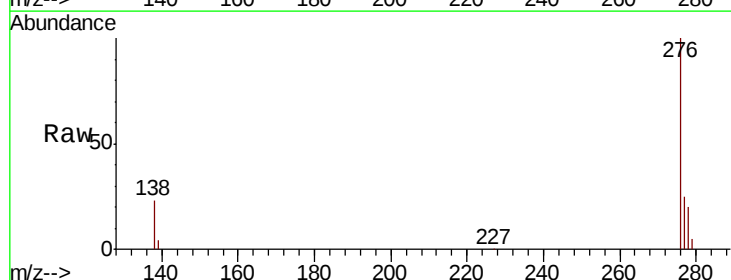
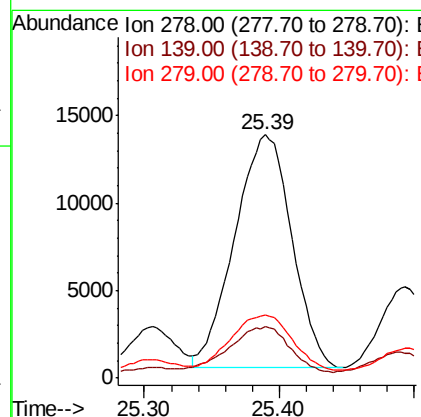
Manual Integrations
APPROVED

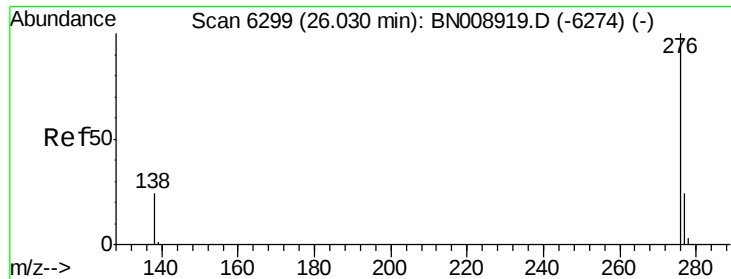
mohammad
12/12/2019 11:32:38 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.741 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.01 min
Lab File: BN008931.D
Acq: 11 Dec 2019 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	39182		
139	21.4	17.4	26.0	
279	25.9	20.5	30.7	





#26
Benzo(a,h,i)perylene
Concen: 3.231 ng/ul
RT: 26.02 min Scan# 6297
Delta R.T. -0.01 min
Lab File: BN008931.D
Acq: 11 Dec 2019 23:32

Instrument :
BNA_N
ClientSampleId :
C0BP4

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	24.5	21.9	32.9
277	24.0	19.9	29.9

Manual Integrations
APPROVED

mohammad
12/12/2019 11:32:38 AM

