

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
 Data File : BN009260.D
 Acq On : 30 Dec 2019 15:19
 Operator : JU
 Sample : K6322-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C94

Manual Integrations
 APPROVED

mohammad
 12/31/2019 8:28:00 AM

Quant Time: Dec 30 16:36:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 11:05:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2341	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8537	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4536	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8867	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	6771	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	6843	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2432	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	4667	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	2021	0.078	ng/ul#	91
5) 2-Methylnaphthalene	11.93	142	597	0.031	ng/ul	99
7) Acenaphthylene	13.85	152	7276	0.305	ng/ul	98
8) Acenaphthene	14.20	153	946	0.051	ng/ul	98
9) Fluorene	15.19	166	2992	0.135	ng/ul#	98
12) Phenanthrene	16.93	178	56306	1.826	ng/ul	99
13) Anthracene	17.02	178	11660	0.422	ng/ul	99
15) Fluoranthene	18.95	202	122050	3.461	ng/ul	99
17) Pyrene	19.32	202	99194	2.872	ng/ul	98
18) Benzo(a)anthracene	21.07	228	42857	1.425	ng/ul	98
19) Chrysene	21.12	228	40707	1.347	ng/ul	98
21) Benzo(b)fluoranthene	22.59	252	55273m	1.730	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	20912m	0.649	ng/ul	
23) Benzo(a)pyrene	23.12	252	38593	1.378	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.31	276	26776	0.878	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.31	278	5764	0.237	ng/ul#	88
26) Benzo(a,h,i)perylene	25.94	276	26620	1.036	ng/ul	98

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

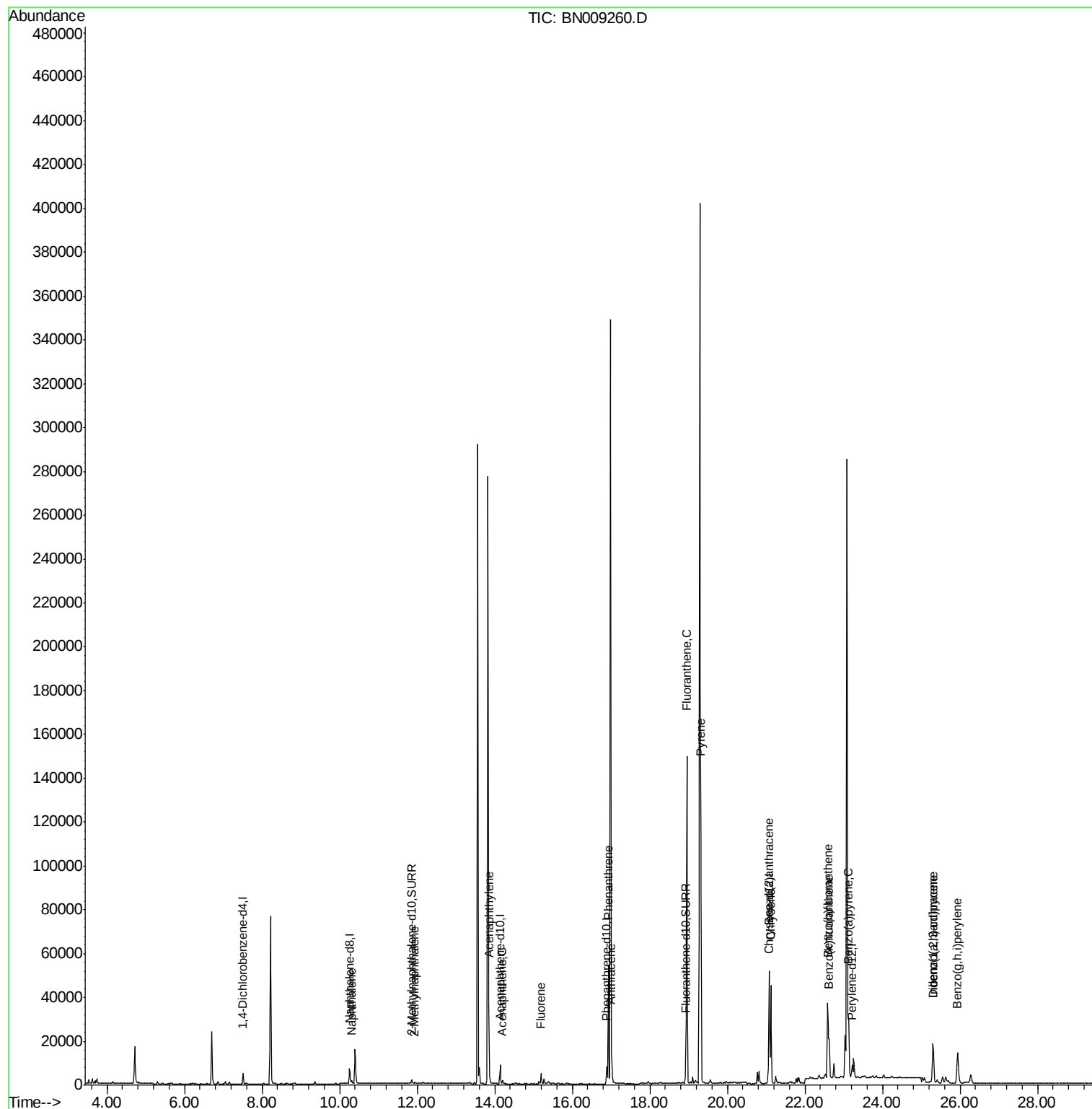
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
Data File : BN009260.D
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ALS Vial : 10 Sample Multiplier: 1

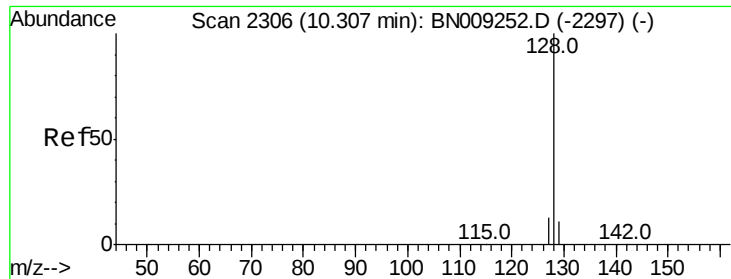
Instrument :
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Quant Time: Dec 30 16:36:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 11:05:47 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.078 ng/ul

RT: 10.31 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BN009260.D

Acq: 30 Dec 2019 15:19

Instrument :

BNA_N

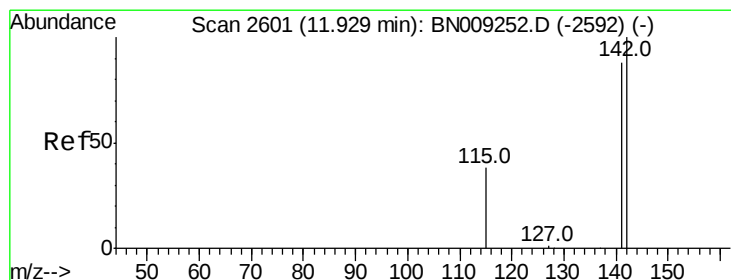
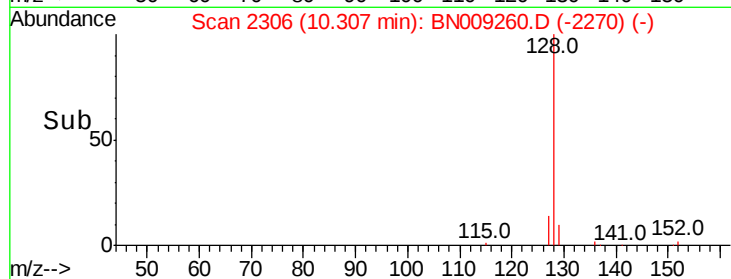
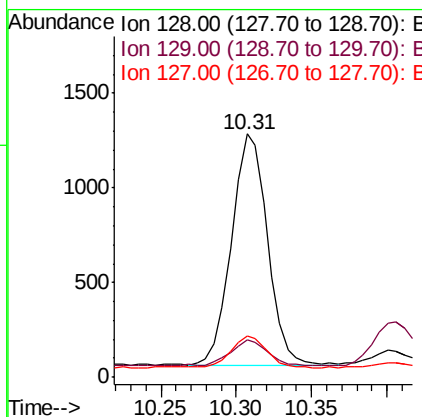
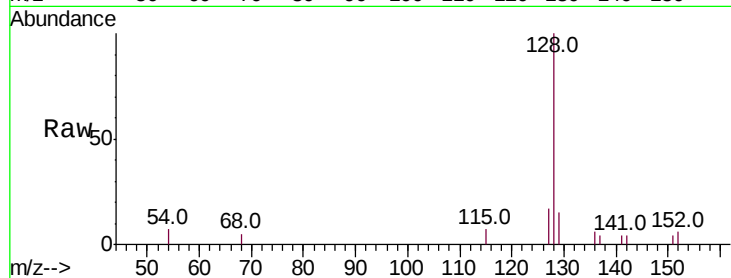
ClientSampleId :

C0C94

Tot Ion:	128	Resp:	2021
Ion Ratio	Lower	Upper	
128	100		
129	15.4	9.0	13.4#
127	16.9	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

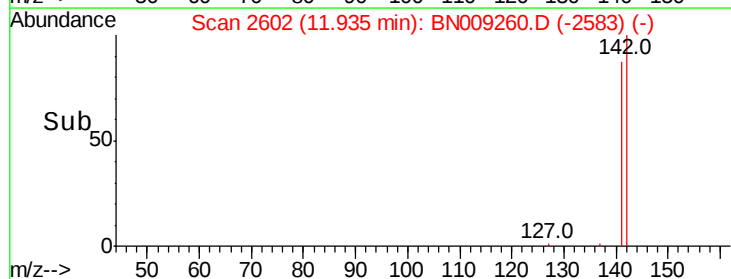
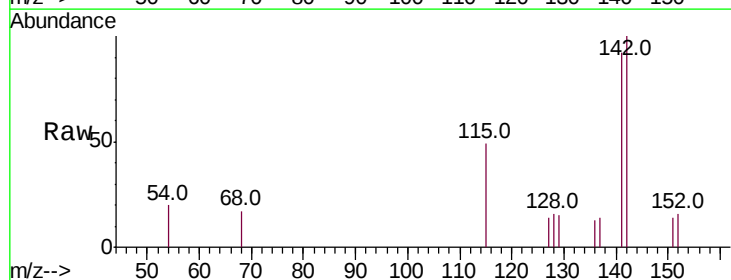
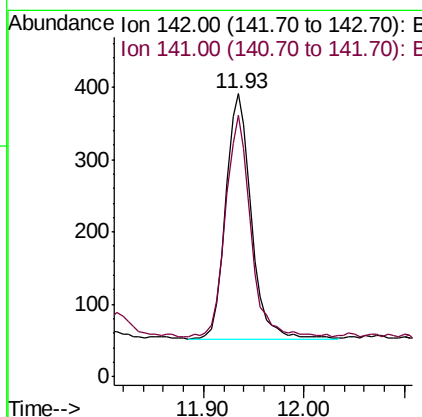
RT: 11.93 min Scan# 2602

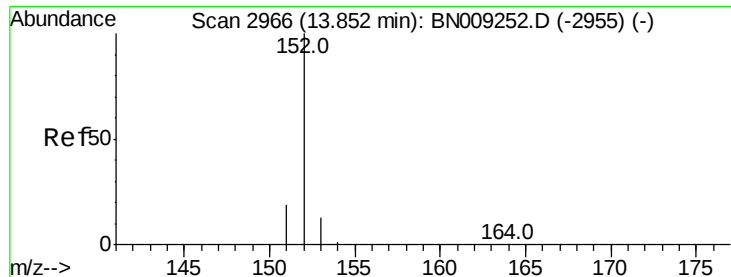
Delta R.T. 0.01 min

Lab File: BN009260.D

Acq: 30 Dec 2019 15:19

Tgt Ion:	142	Resp:	597
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.2	105.4





#7

Acenaphthylene

Concen: 0.305 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. 0.00 min

Lab File: BN009260.D

Acq: 30 Dec 2019 15:19

Instrument :

BNA_N

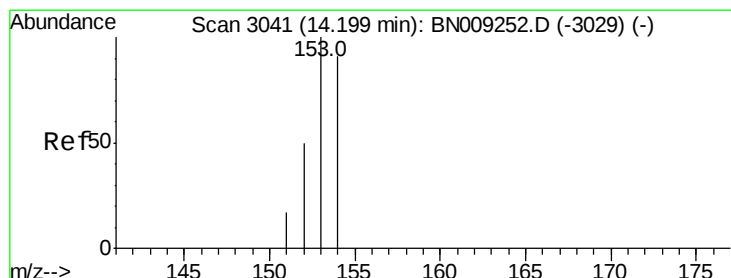
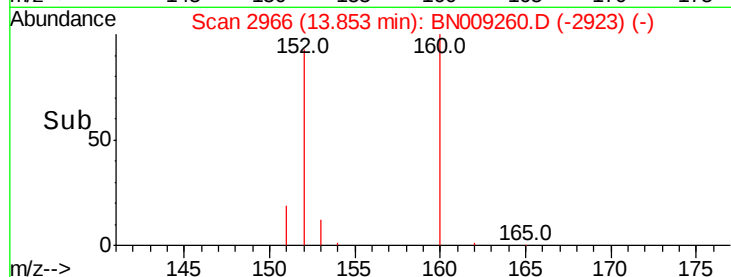
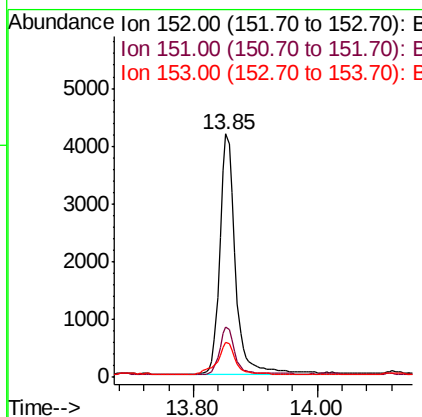
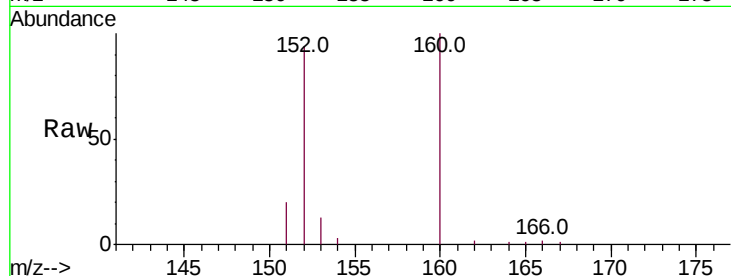
ClientSampleId :

C0C94

Tot Ion:	152	Resp:	7276
Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.7	23.5
153	14.2	10.8	16.2

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#8

Acenaphthene

Concen: 0.051 ng/ul

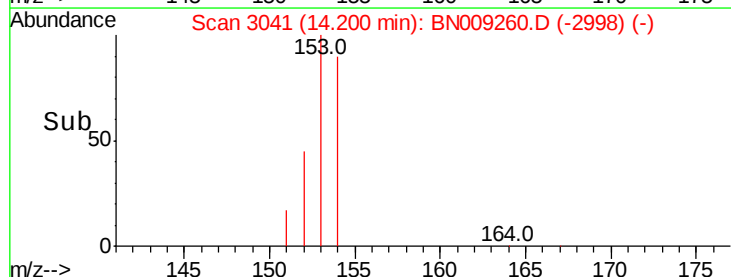
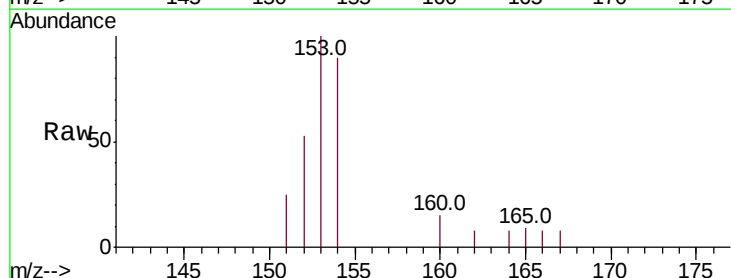
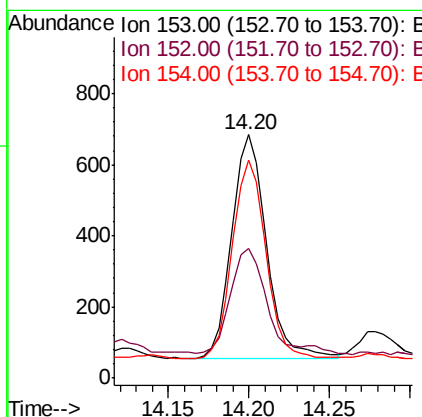
RT: 14.20 min Scan# 3041

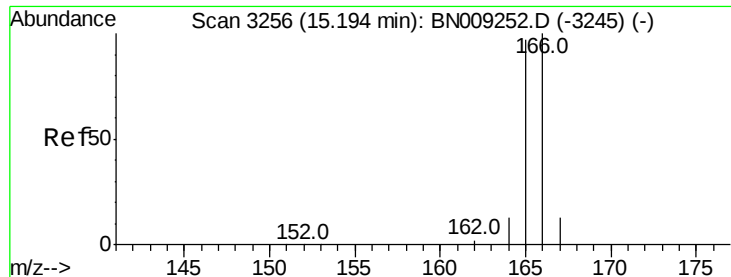
Delta R.T. 0.00 min

Lab File: BN009260.D

Acq: 30 Dec 2019 15:19

Tgt Ion:	153	Resp:	946
Ion	Ratio	Lower	Upper
153	100		
152	53.3	39.5	59.3
154	89.6	71.3	106.9





#9

Fluorene

Concen: 0.135 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BN009260.D

Acq: 30 Dec 2019 15:19

Instrument :

BNA_N

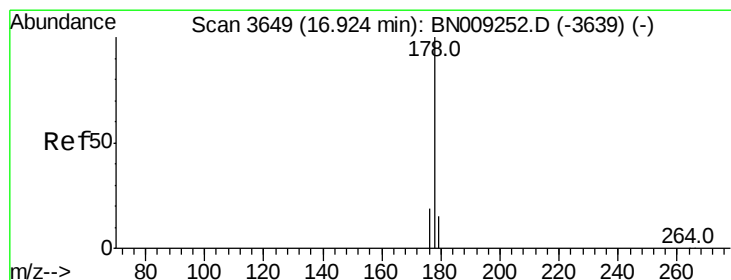
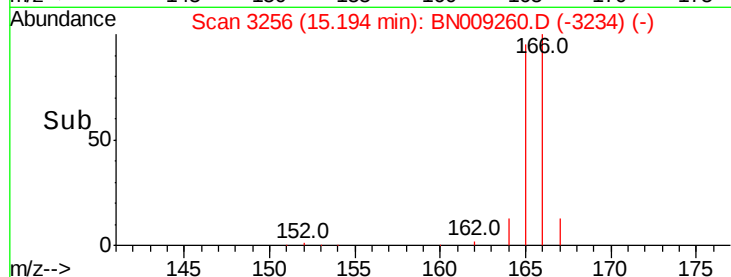
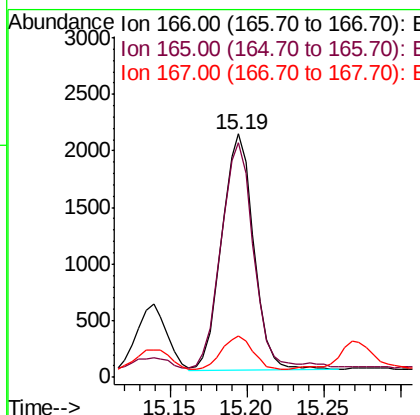
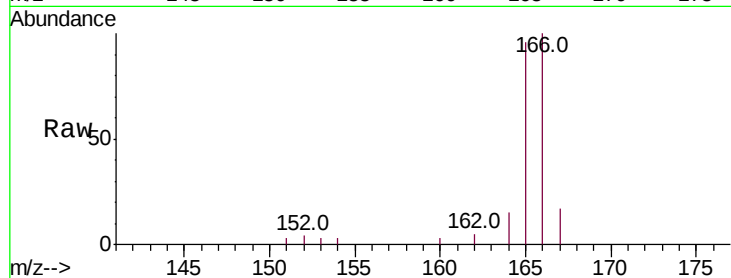
ClientSampleId :

C0C94

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.2	117.4
167	17.0	11.0	16.6#

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#12

Phenanthrene

Concen: 1.826 ng/ul

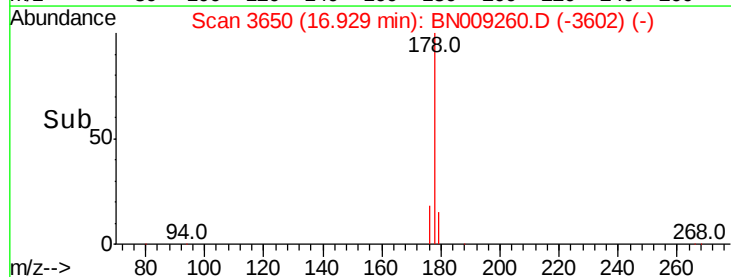
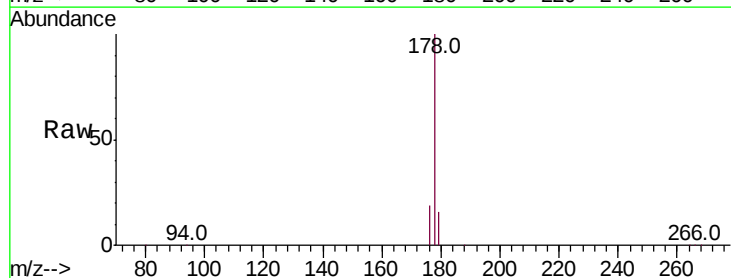
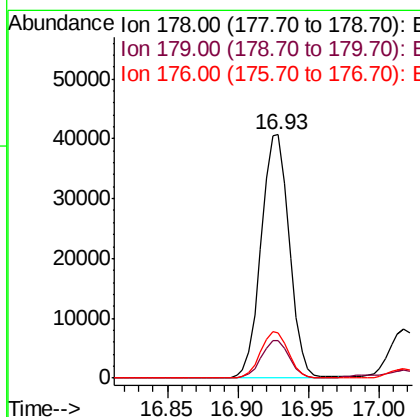
RT: 16.93 min Scan# 3650

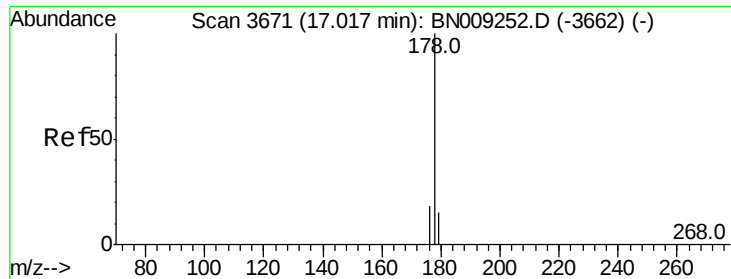
Delta R.T. 0.00 min

Lab File: BN009260.D

Acq: 30 Dec 2019 15:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.5	15.1	22.7





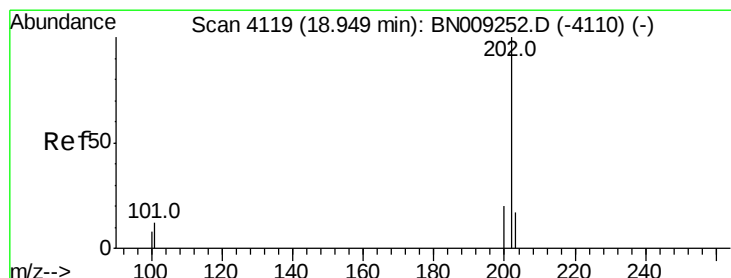
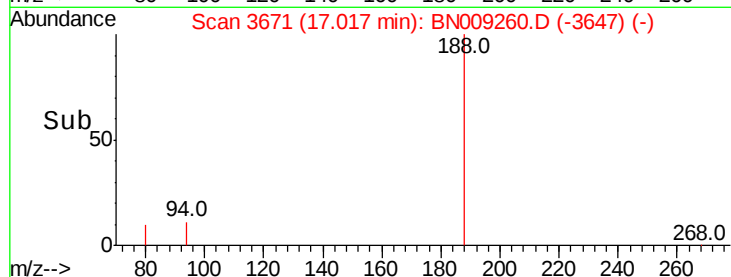
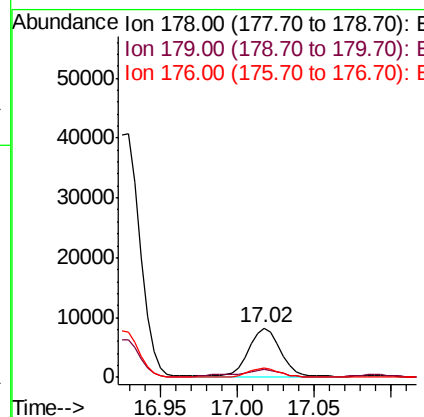
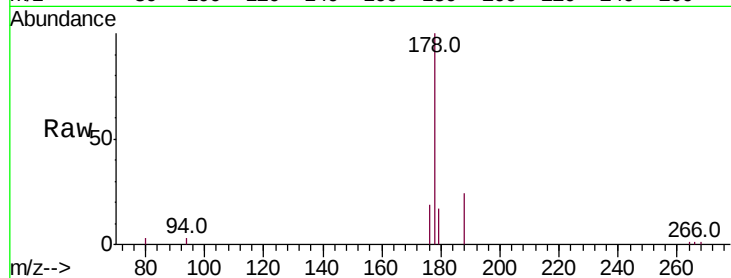
#13
 Anthracene
 Concen: 0.422 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. 0.00 min
 Lab File: BN009260.D
 Acq: 30 Dec 2019 15:19

Instrument :
 BNA_N
 ClientSampleId :
 C0C94

Tot Ion:178 Resp: 11660
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.5 18.7
 176 18.9 14.9 22.3

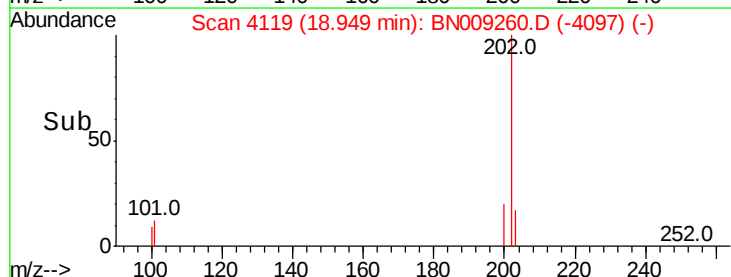
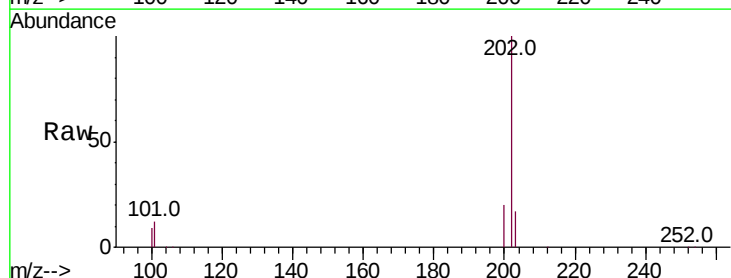
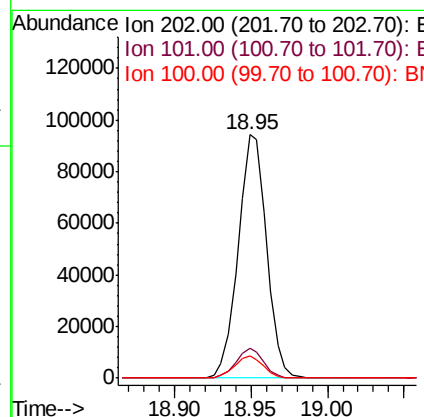
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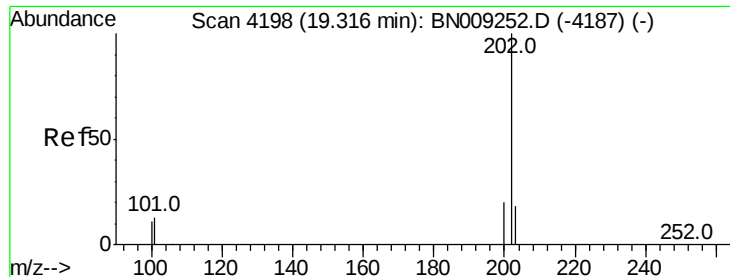
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#15
 Fluoranthene
 Concen: 3.461 ng/ul
 RT: 18.95 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: BN009260.D
 Acq: 30 Dec 2019 15:19

Tgt Ion:202 Resp: 122050
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.5
 100 9.3 0.0 28.9





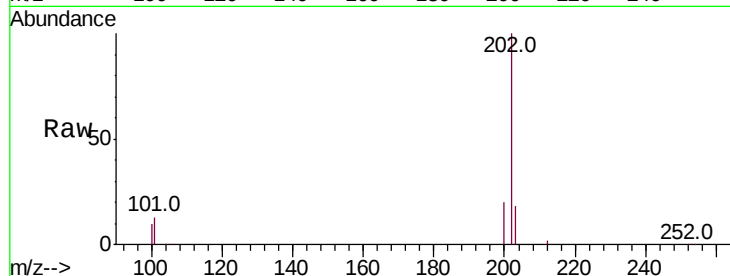
#17
Pvrene
Concen: 2.872 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009260.D
Acq: 30 Dec 2019 15:19

Instrument :
BNA_N
ClientSampled :
C0C94

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	10.9	16.3
100	10.2	9.0	13.6

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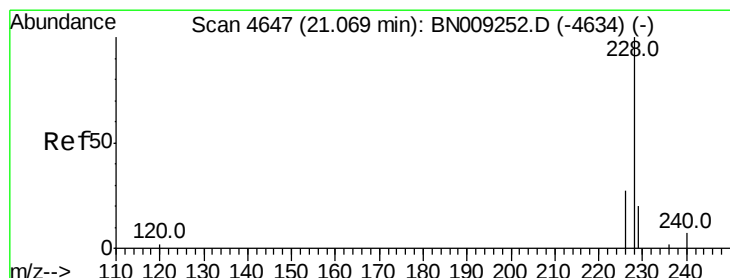
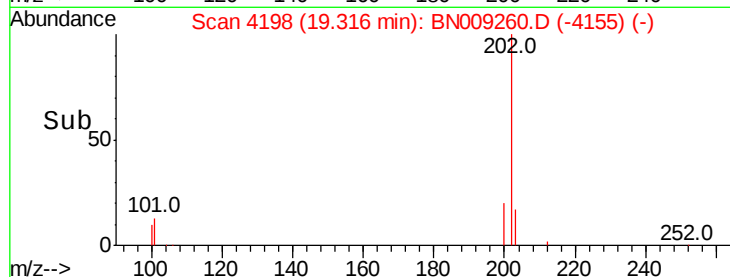
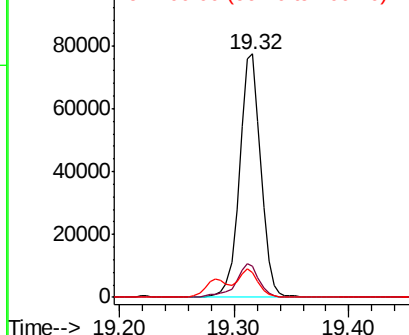


Abundance

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



#18
Benzo(a)anthracene
Concen: 1.425 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. 0.00 min
Lab File: BN009260.D
Acq: 30 Dec 2019 15:19

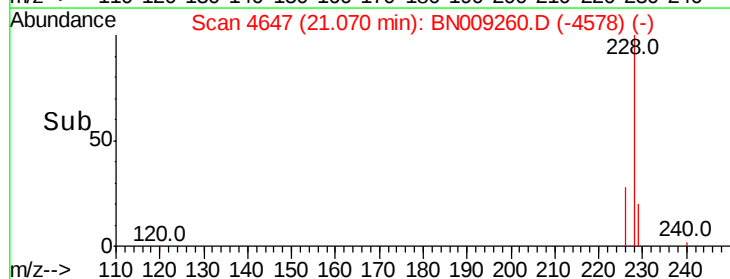
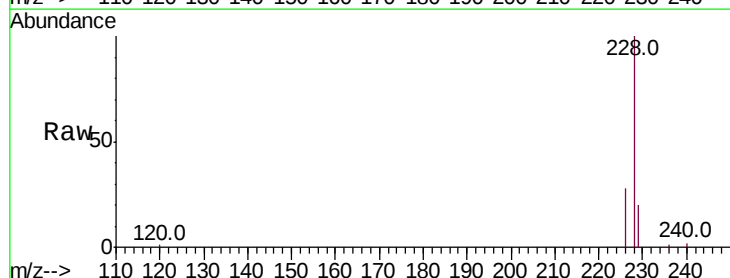
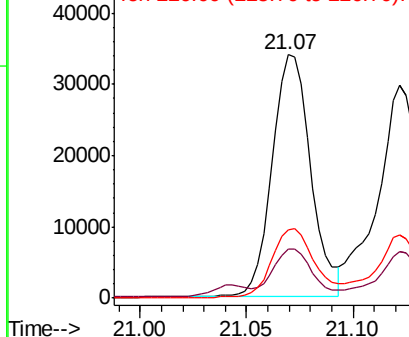
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.0	15.5	23.3
226	28.1	21.7	32.5

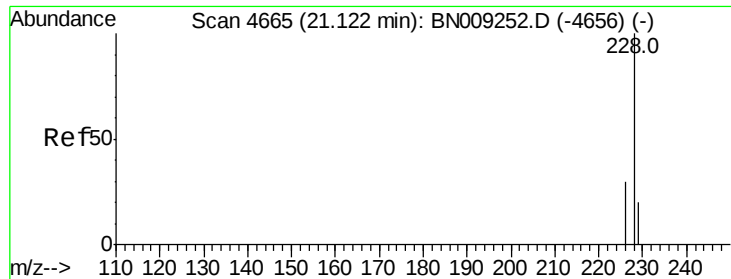
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.347 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. 0.00 min

Lab File: BN009260.D

Acq: 30 Dec 2019 15:19

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:228 Resp: 40707

Ion Ratio Lower Upper

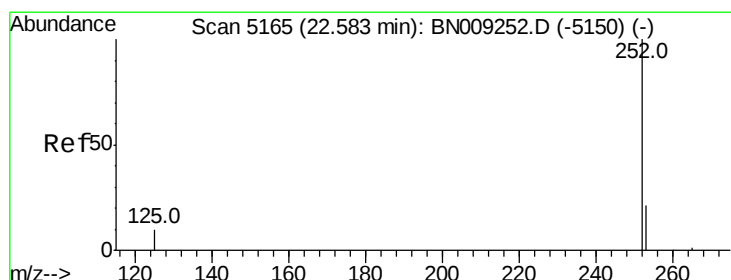
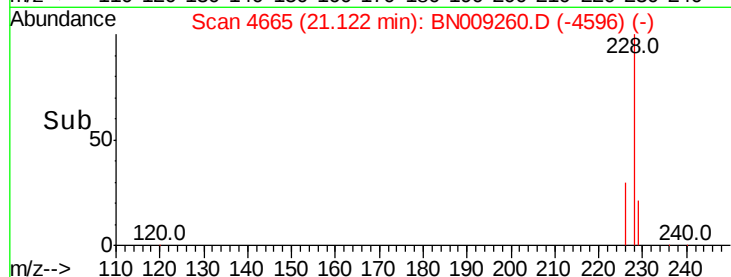
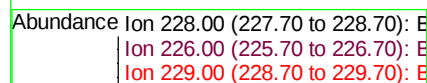
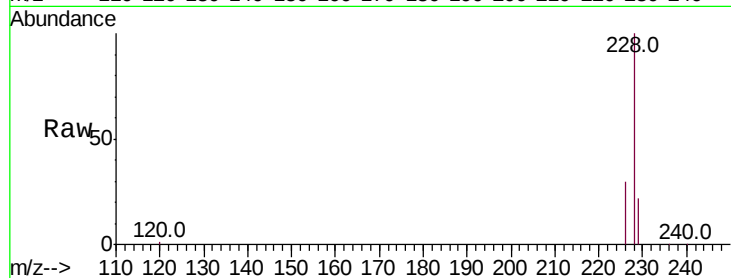
228 100

226 29.8 23.7 35.5

229 21.7 15.4 23.0

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#21

Benzo(b)fluoranthene

Concen: 1.730 ng/ul m

RT: 22.59 min Scan# 5166

Delta R.T. 0.00 min

Lab File: BN009260.D

Acq: 30 Dec 2019 15:19

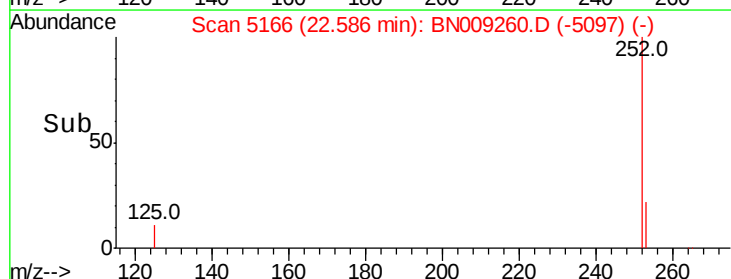
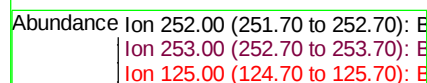
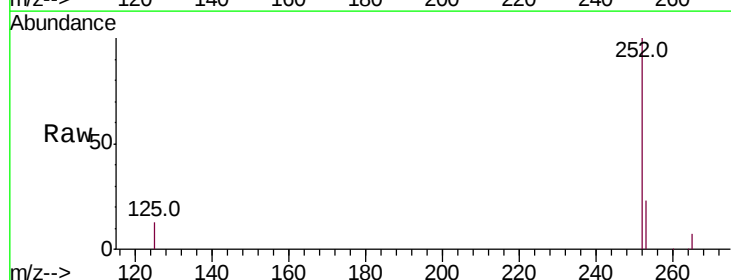
Tgt Ion:252 Resp: 55273

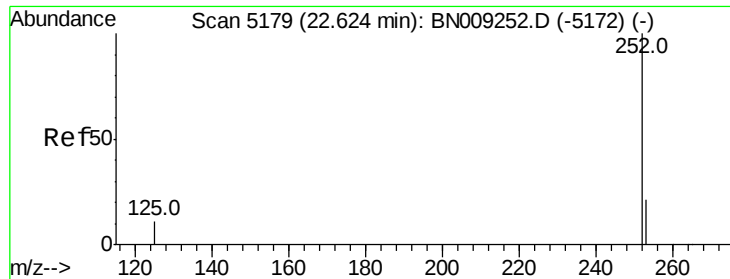
Ion Ratio Lower Upper

252 100

253 23.3 0.0 48.2

125 12.7 0.0 30.0





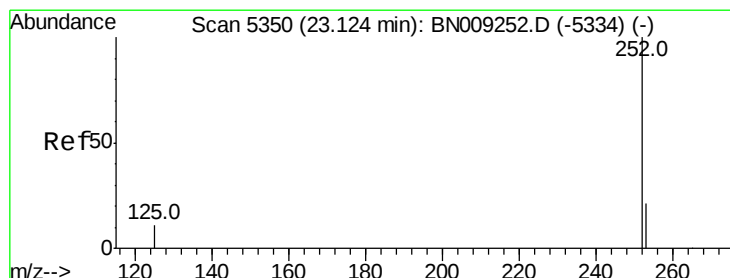
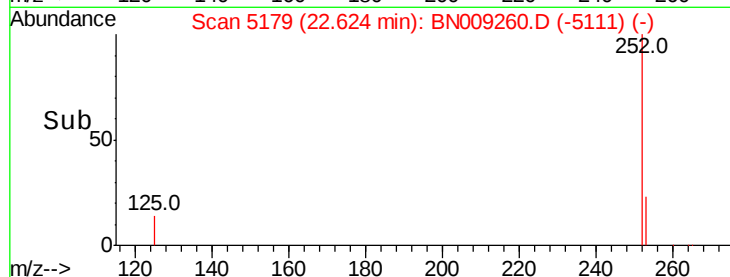
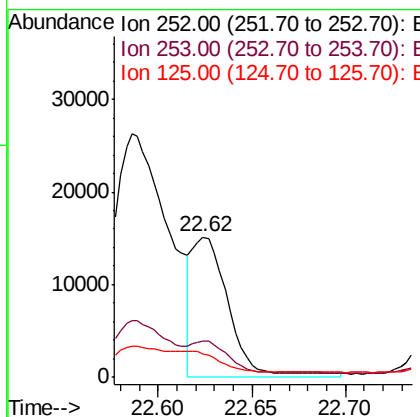
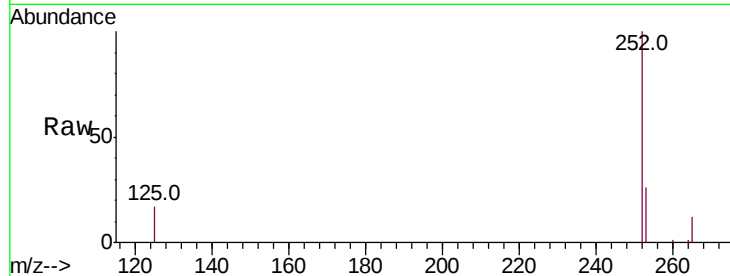
#22
Benzo(k)fluoranthene
Concen: 0.649 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BN009260.D
Acq: 30 Dec 2019 15:19

Instrument :
BNA_N
ClientSampleId :
C0C94

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.4	29.0
125	17.1	12.4	18.6

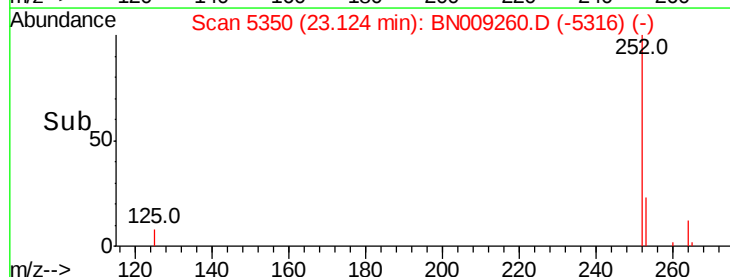
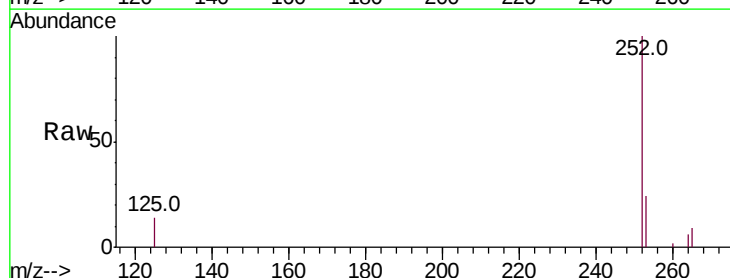
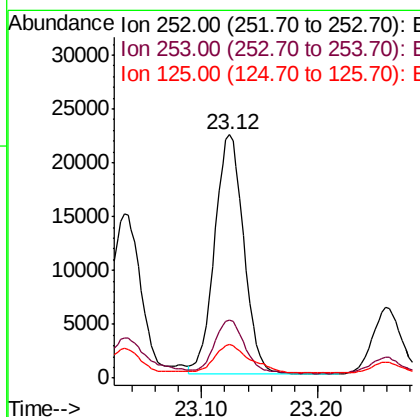
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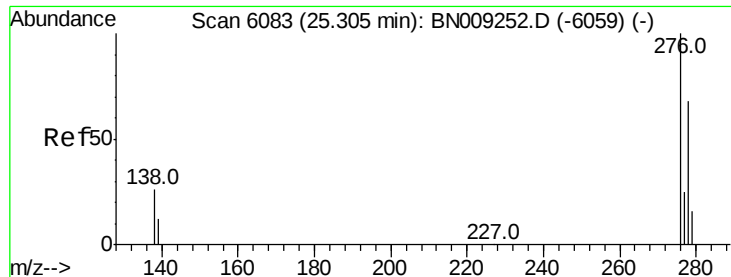
mohammad
12/31/2019 8:28:00 AM



#23
Benzo(a)pyrene
Concen: 1.378 ng/ul
RT: 23.12 min Scan# 5350
Delta R.T. 0.00 min
Lab File: BN009260.D
Acq: 30 Dec 2019 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.2	30.4
125	13.6	13.2	19.8





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.878 ng/ul

RT: 25.31 min Scan# 6083

Delta R.T. 0.00 min

Lab File: BN009260.D

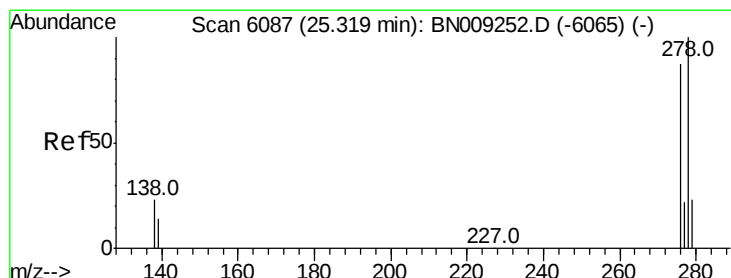
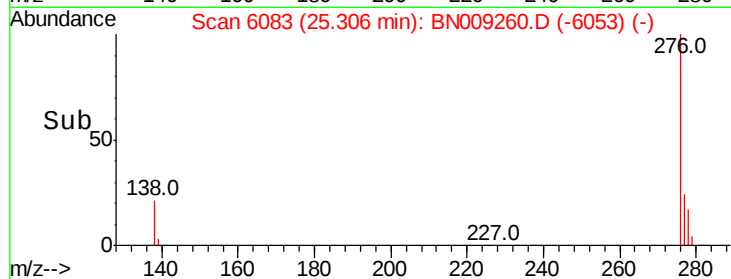
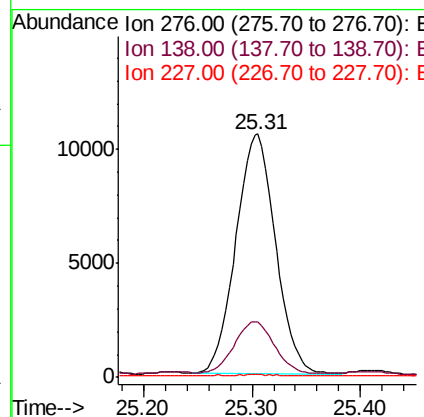
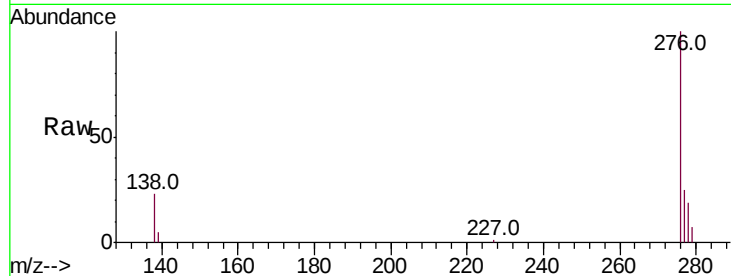
Acq: 30 Dec 2019 15:19

Instrument :
BNA_N
ClientSampleId :
C0C94

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	22.4	33.6#
227	0.2	0.2	0.4#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.237 ng/ul

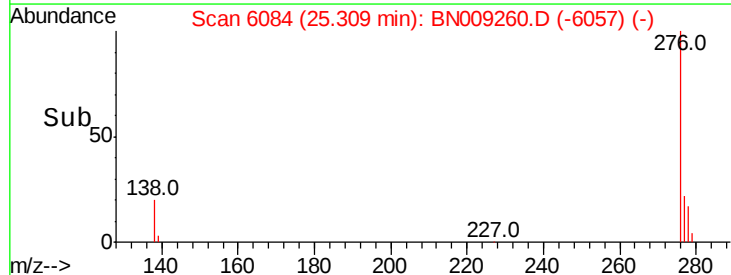
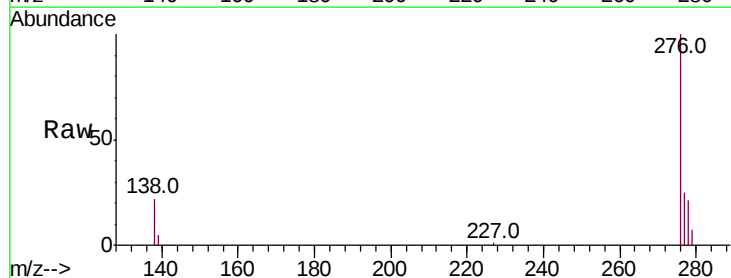
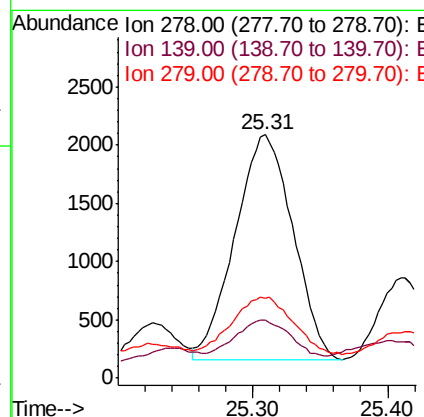
RT: 25.31 min Scan# 6084

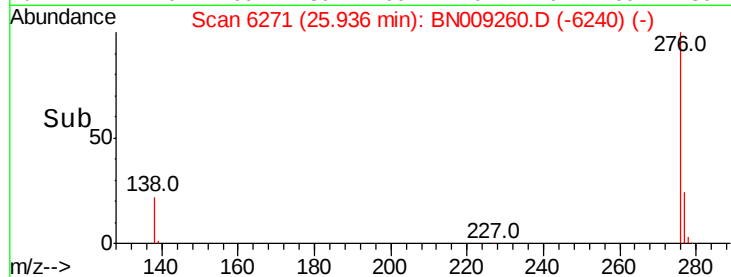
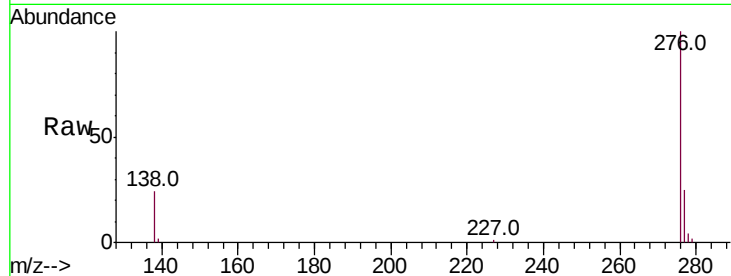
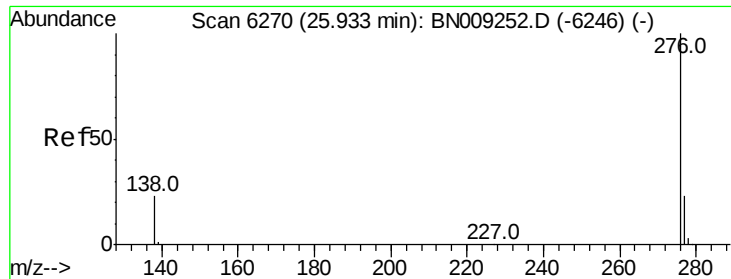
Delta R.T. -0.01 min

Lab File: BN009260.D

Acq: 30 Dec 2019 15:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.0	16.2	24.2
279	32.8	20.3	30.5#





#26

Benzo(a,h,i)perylene

Concen: 1.036 ng/ul

RT: 25.94 min Scan# 6271

Delta R.T. 0.00 min

Lab File: BN009260.D

Acq: 30 Dec 2019 15:19

Instrument :

BNA_N

ClientSampleId :

C0C94

Tot Ion:	276	Resp:	26620
Ion Ratio	Lower	Upper	
276	100		
138	23.6	20.6	30.8
277	24.5	19.6	29.4

Manual Integrations
APPROVED

mohammad
12/31/2019 8:28:00 AM

