

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
 Data File : BN009268.D
 Acq On : 30 Dec 2019 20:07
 Operator : JU
 Sample : K6322-07DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C41DL

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Quant Time: Dec 31 01:49:21 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 : Tue Dec 31 00:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2723	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	9975	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	5253	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	10112	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7592	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7831	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1095	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	2461	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	2301	0.076	ng/ul#	93
5) 2-Methylnaphthalene	11.93	142	1532	0.067	ng/ul	99
7) Acenaphthylene	13.85	152	1279	0.046	ng/ul#	86
12) Phenanthrene	16.92	178	12727	0.362	ng/ul	99
13) Anthracene	17.02	178	2949	0.094	ng/ul	94
15) Fluoranthene	18.95	202	29946	0.745	ng/ul	99
17) Pyrene	19.31	202	25519	0.659	ng/ul	99
18) Benzo(a)anthracene	21.07	228	12035	0.357	ng/ul	97
19) Chrysene	21.12	228	13971	0.412	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	18485m	0.506	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	6415m	0.174	ng/ul	
23) Benzo(a)pyrene	23.12	252	11724	0.366	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.30	276	8614	0.247	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.31	278	1978	0.071	ng/ul#	67
26) Benzo(g,h,i)perylene	25.94	276	8429	0.287	ng/ul	98

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

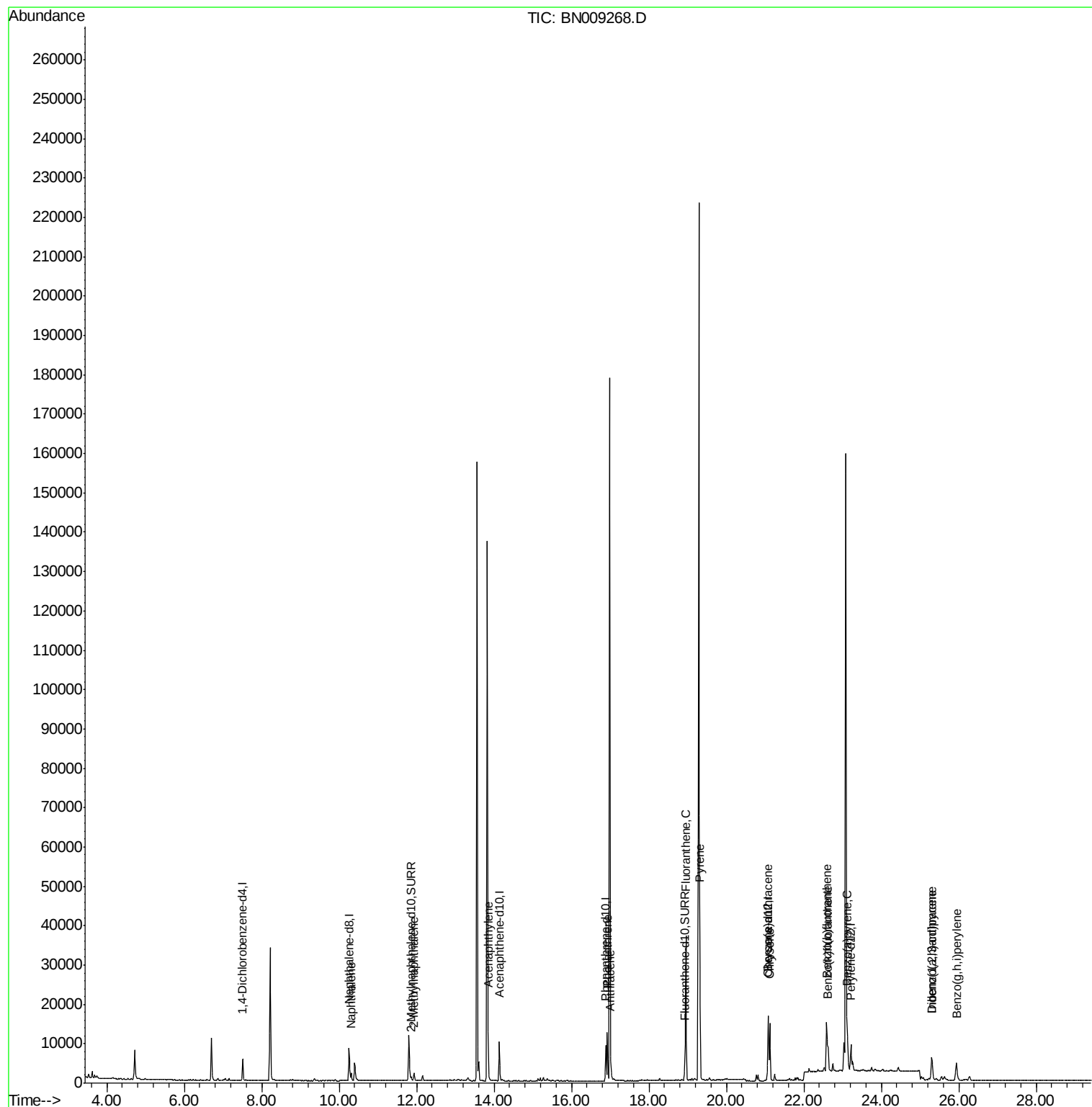
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

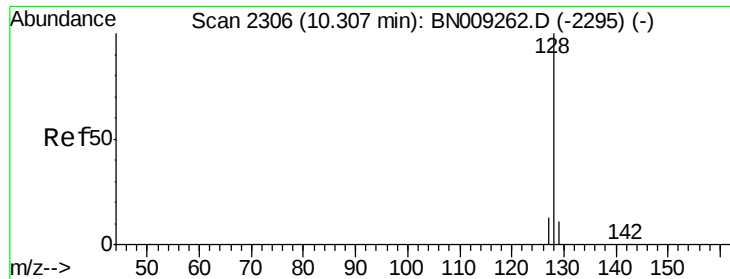
Instrument :
BNA_N
ClientSampleId :
C0C41DL

Quant Time: Dec 31 01:49:21 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 : Tue Dec 31 00:59:26 2019
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#3

Naphthalene

Concen: 0.076 ng/ul

RT: 10.31 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Instrument :

BNA_N

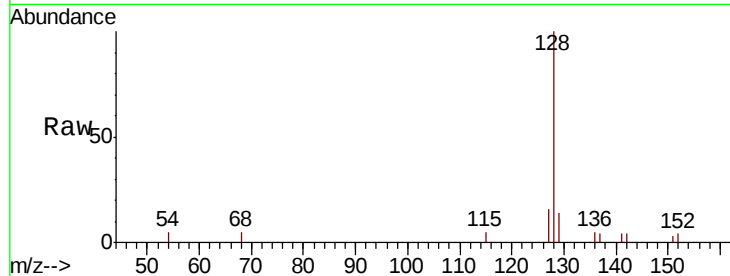
ClientSampleId :

C0C41DL

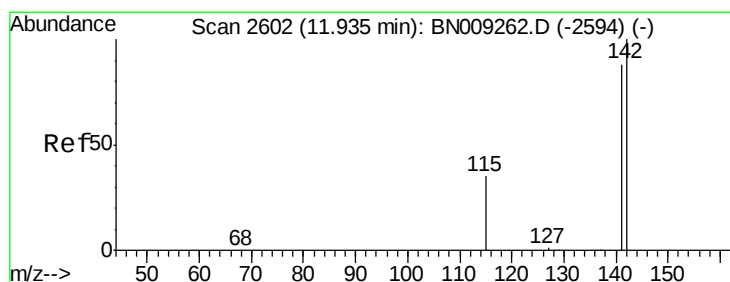
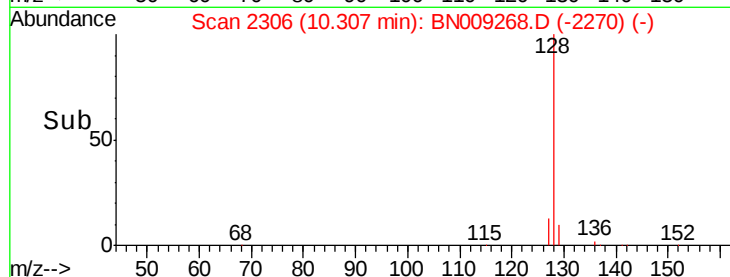
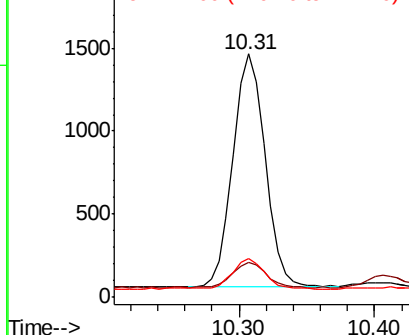
Tot Ion:	128	Resp:	2301
Ion Ratio	Lower	Upper	
128	100		
129	14.4	9.0	13.4#
127	15.9	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.067 ng/ul

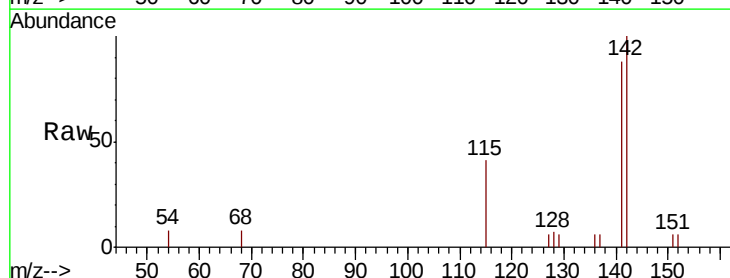
RT: 11.93 min Scan# 2602

Delta R.T. -0.00 min

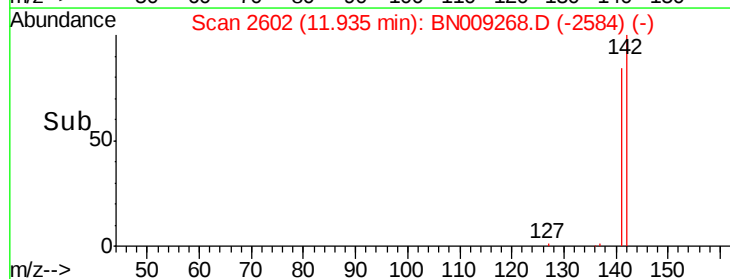
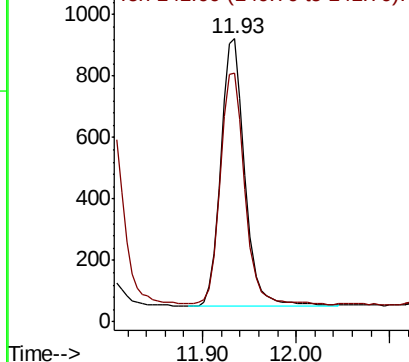
Lab File: BN009268.D

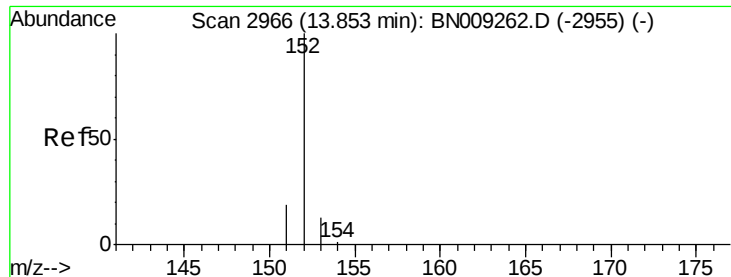
Acq: 30 Dec 2019 20:07

Tgt Ion:	142	Resp:	1532
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.2	105.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.046 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Instrument :

BNA_N

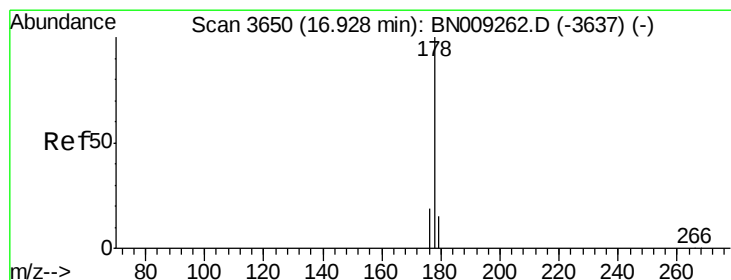
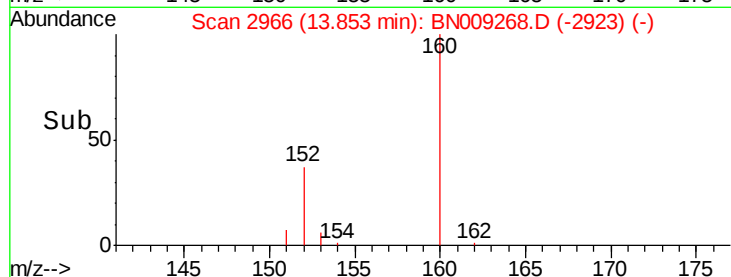
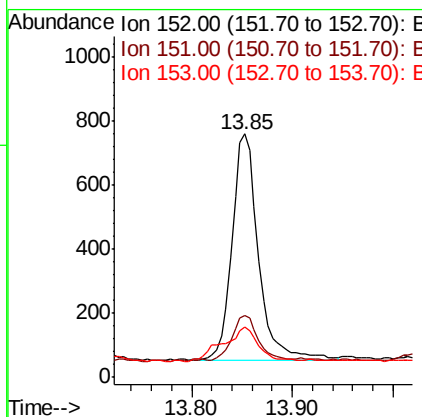
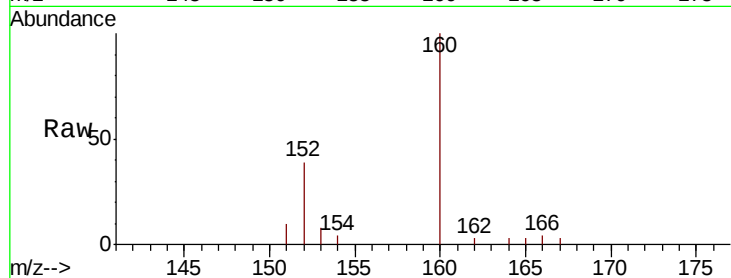
ClientSampleID :

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Tot Ion:	152	Resp:	1279
Ion Ratio	Lower	Upper	
152	100		
151	25.1	15.7	23.5#
153	20.5	10.8	16.2#

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#12

Phenanthrene

Concen: 0.362 ng/ul

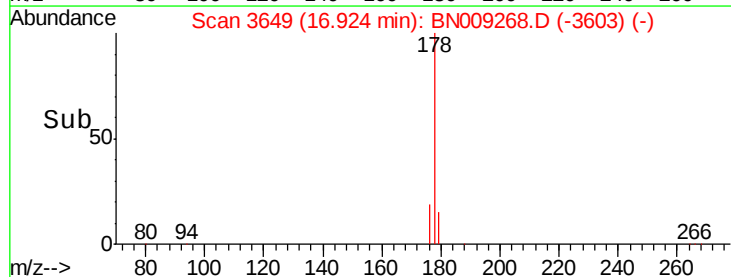
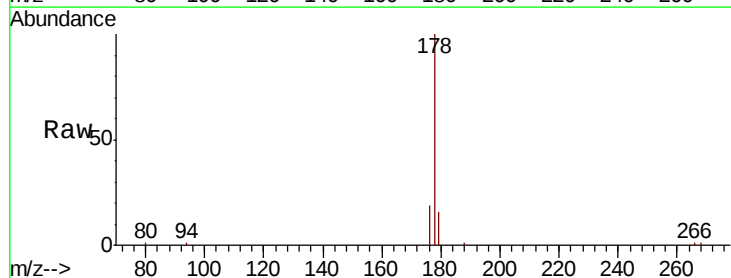
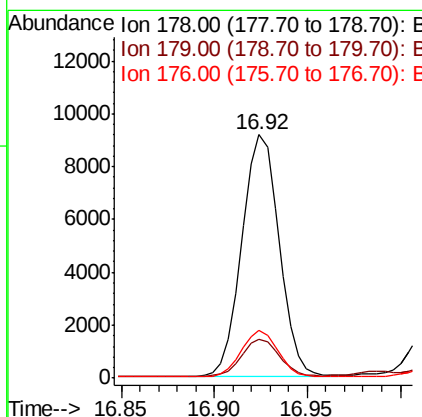
RT: 16.92 min Scan# 3649

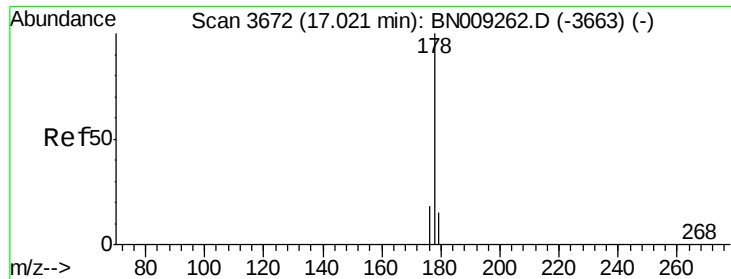
Delta R.T. -0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Tgt Ion:	178	Resp:	12727
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.4	15.1	22.7





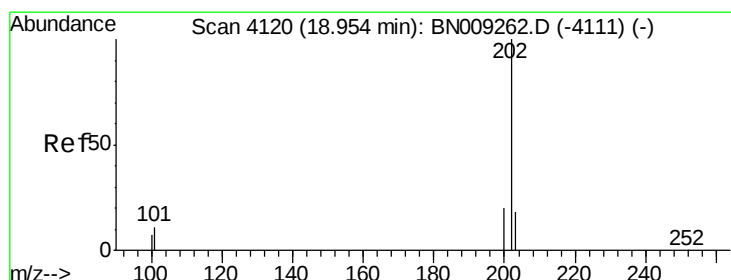
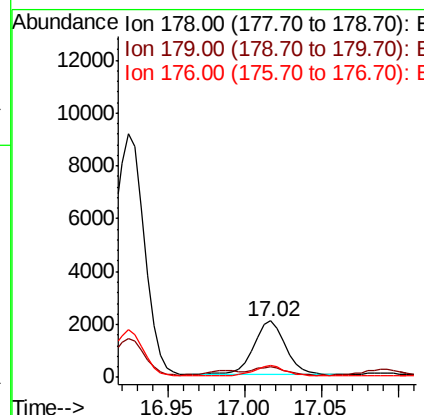
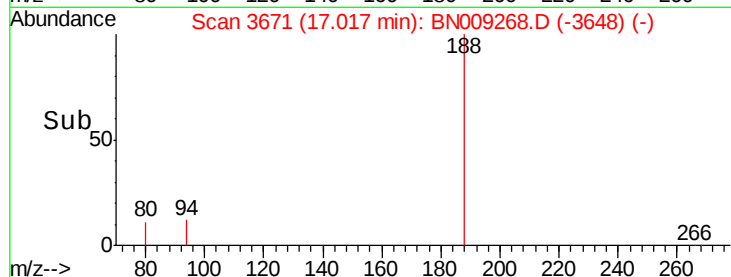
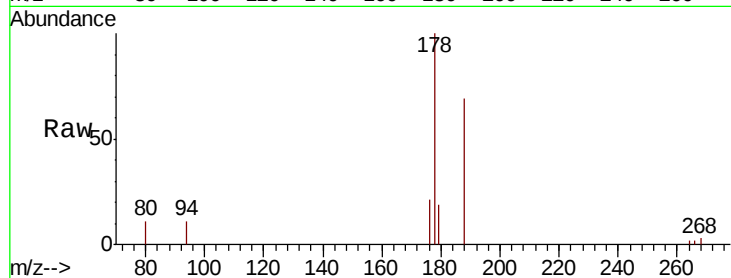
#13
 Anthracene
 Concen: 0.094 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN009268.D
 Acq: 30 Dec 2019 20:07

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.5	18.7
176	20.7	14.9	22.3

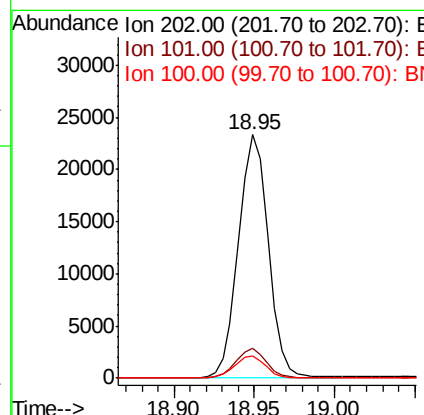
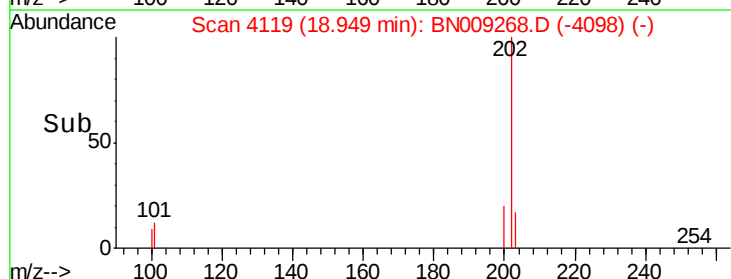
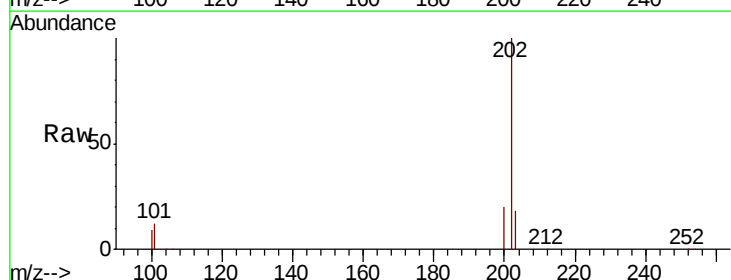
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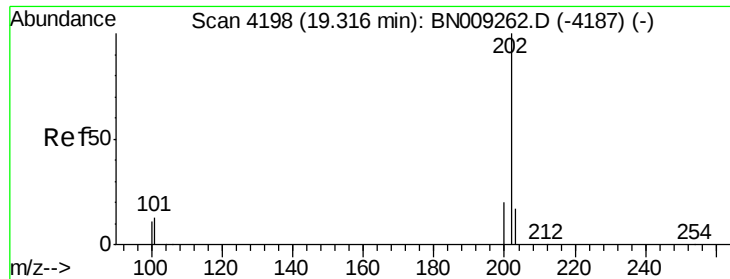
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#15
 Fluoranthene
 Concen: 0.745 ng/ul
 RT: 18.95 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: BN009268.D
 Acq: 30 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
100	9.2	0.0	28.9





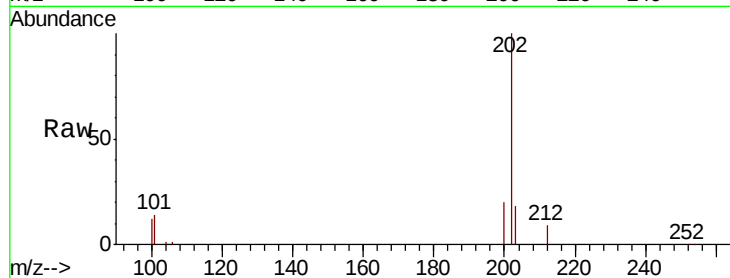
#17
Pvrene
Concen: 0.659 ng/ul
RT: 19.31 min Scan# 4197
Delta R.T. -0.00 min
Lab File: BN009268.D
Acq: 30 Dec 2019 20:07

Instrument :
BNA_N
ClientSampleId :
C0C41DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	10.9	16.3
100	11.6	9.0	13.6

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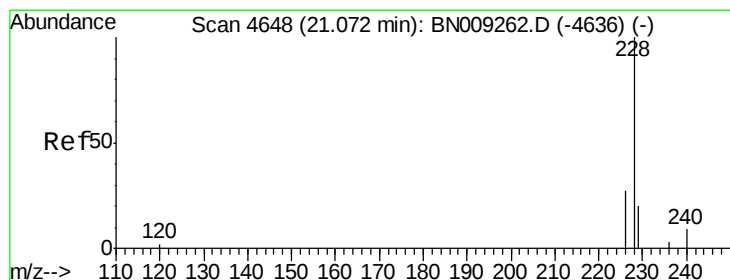
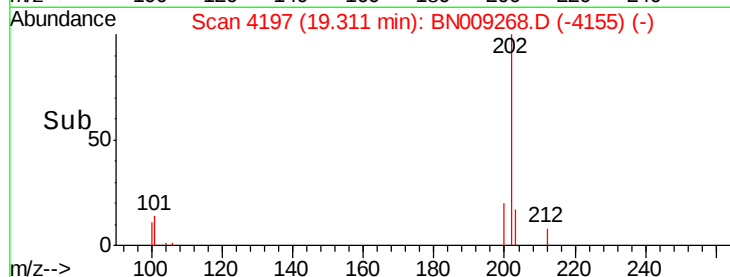
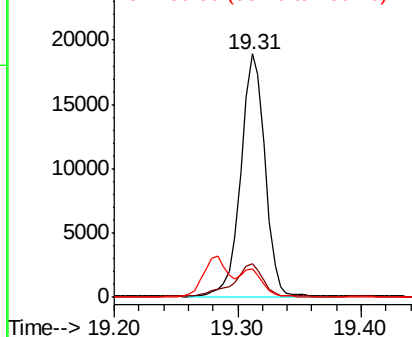


Abundance

Ion 202.00 (201.70 to 202.70): E

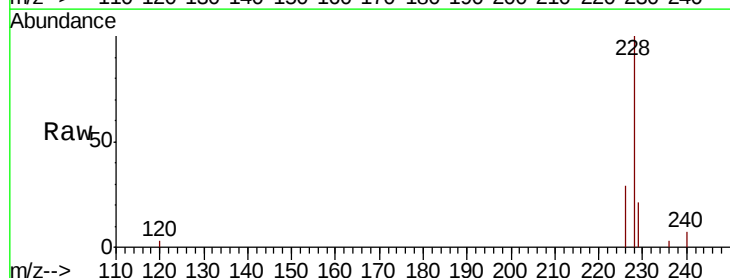
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BN009268.D
Acq: 30 Dec 2019 20:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	15.5	23.3
226	28.7	21.7	32.5

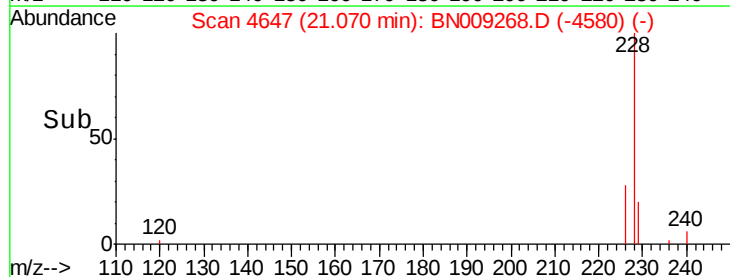
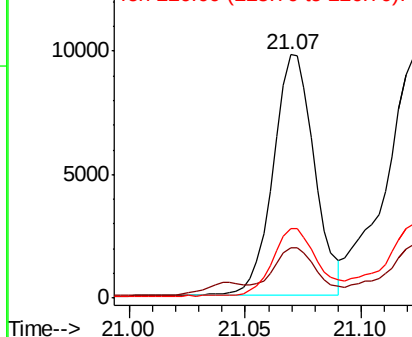


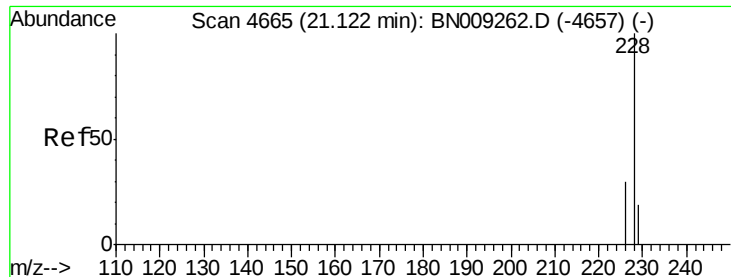
Abundance

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: 0.412 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. -0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Instrument :

BNA_N

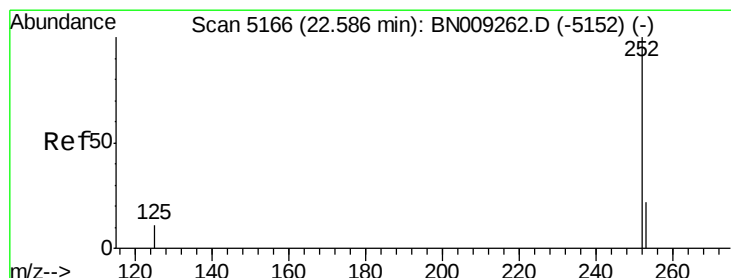
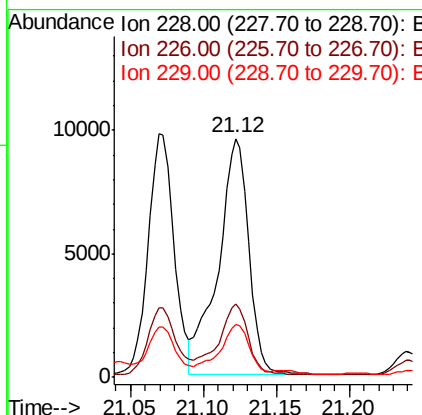
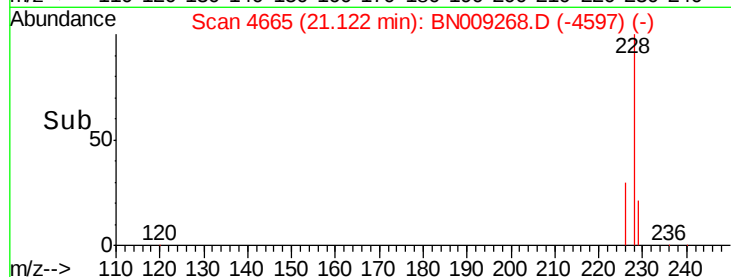
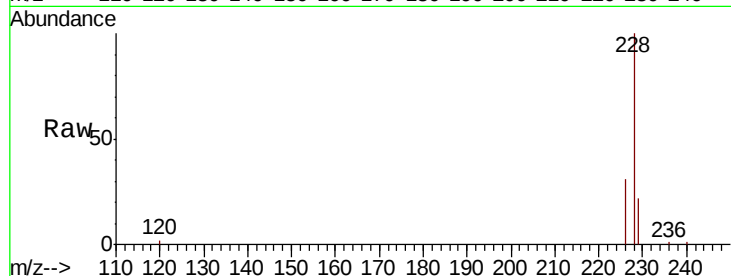
ClientSampleID :

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Tot Ion:	228	Resp:	13971
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.7	35.5
229	22.0	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 0.506 ng/ul m

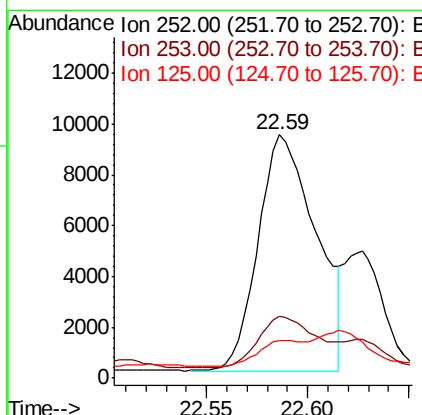
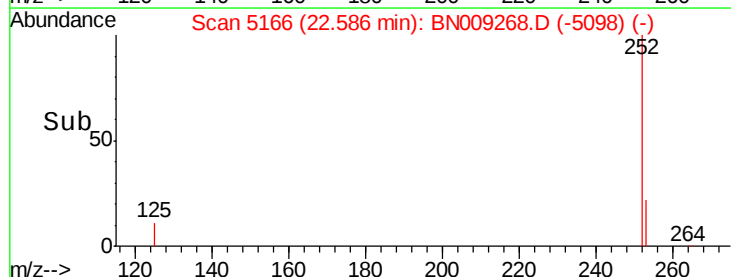
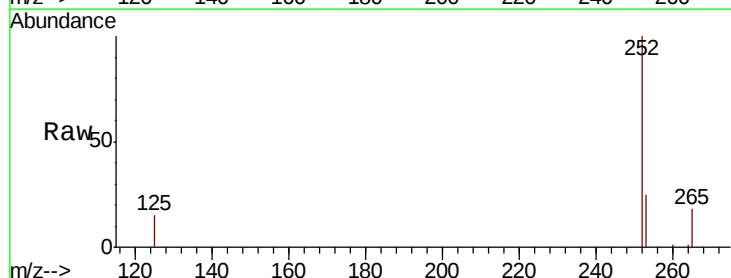
RT: 22.59 min Scan# 5166

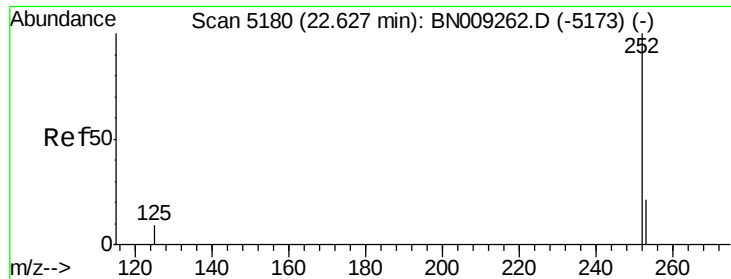
Delta R.T. 0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Tgt Ion:	252	Resp:	18485
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	48.2
125	15.4	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.174 ng/ul m

RT: 22.63 min Scan# 5180

Delta R.T. 0.00 min

Lab File: BN009268.D

Acq: 30 Dec 2019 20:07

Instrument :

BNA_N

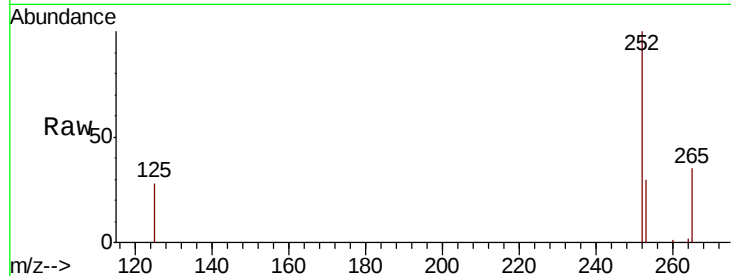
ClientSampleId :

C0C41DL

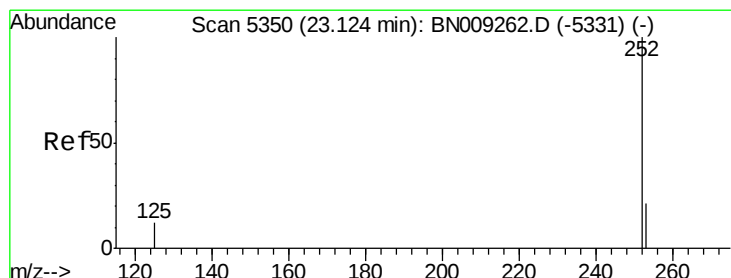
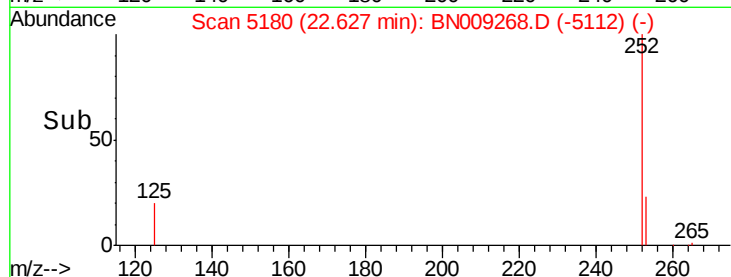
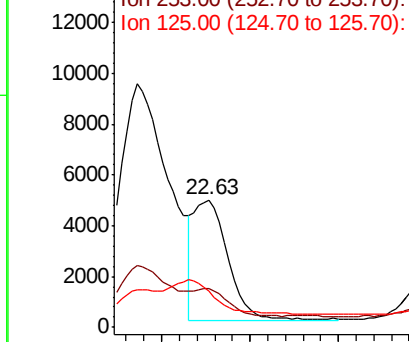
Tot Ion:	252	Resp:	6415
Ion Ratio	Lower	Upper	
252	100		
253	30.1	19.4	29.0#
125	28.0	12.4	18.6#

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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



#23

Benzo(a)pyrene

Concen: 0.366 ng/ul

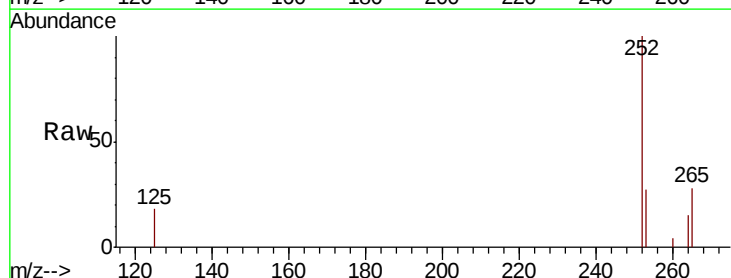
RT: 23.12 min Scan# 5349

Delta R.T. -0.00 min

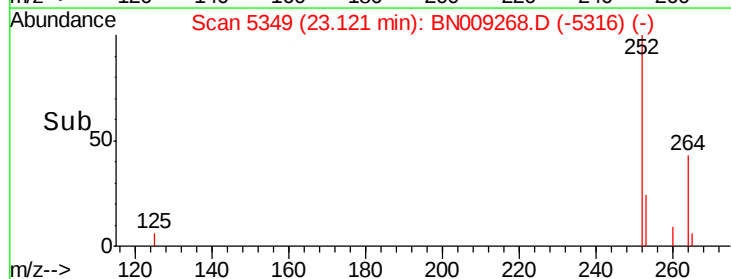
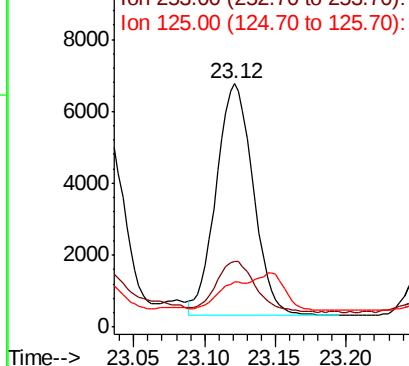
Lab File: BN009268.D

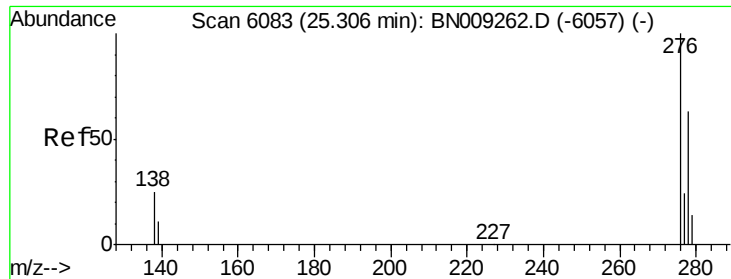
Acq: 30 Dec 2019 20:07

Tgt Ion:	252	Resp:	11724
Ion Ratio	Lower	Upper	
252	100		
253	27.2	20.2	30.4
125	18.3	13.2	19.8



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





#24

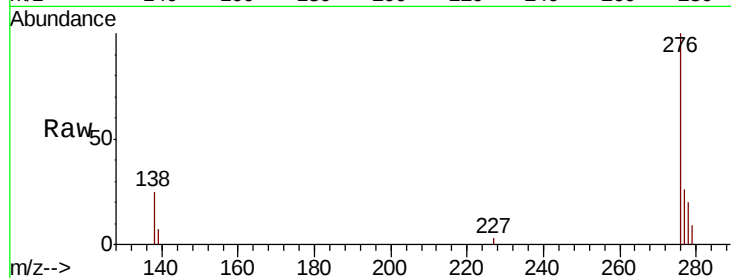
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng/uL
RT: 25.30 min Scan# 6082
Delta R.T. -0.00 min
Lab File: BN009268.D
Acq: 30 Dec 2019 20:07

Instrument :
BNA_N
ClientSampleID :
C0C41DL

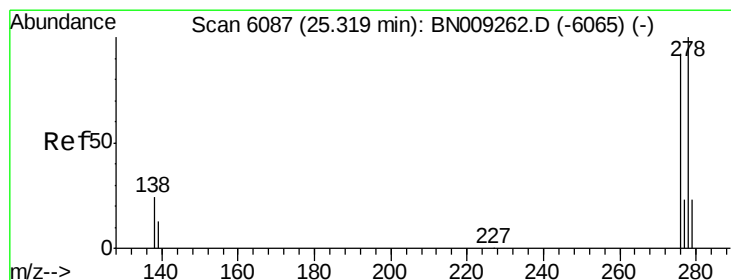
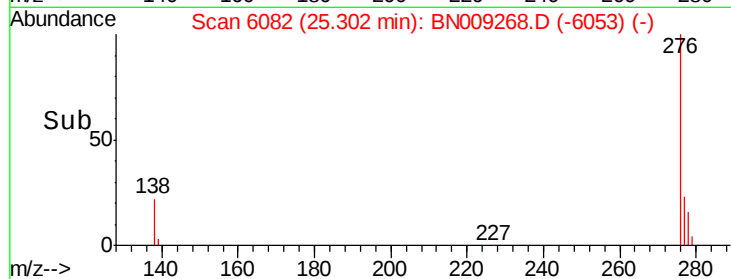
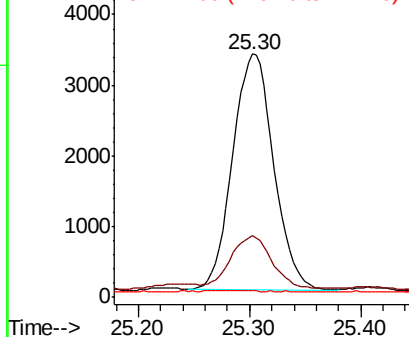
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.4	33.6#
227	0.0	0.2	0.4#

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

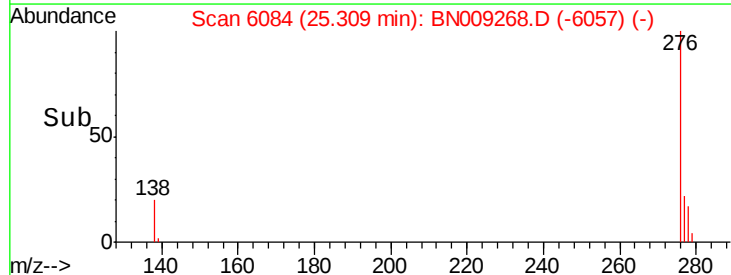
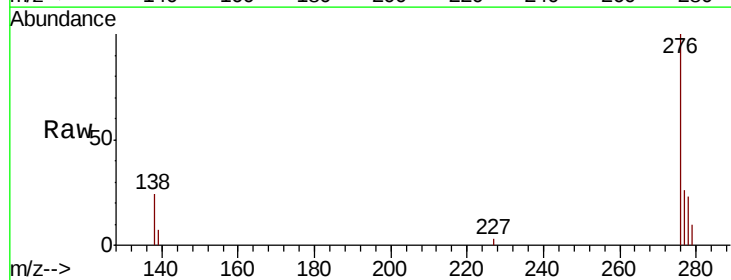
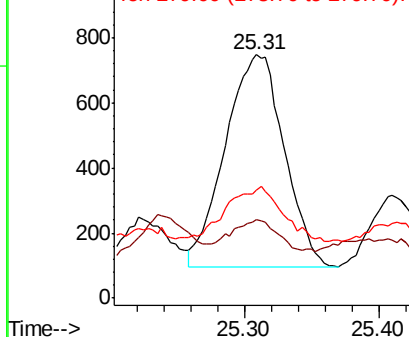


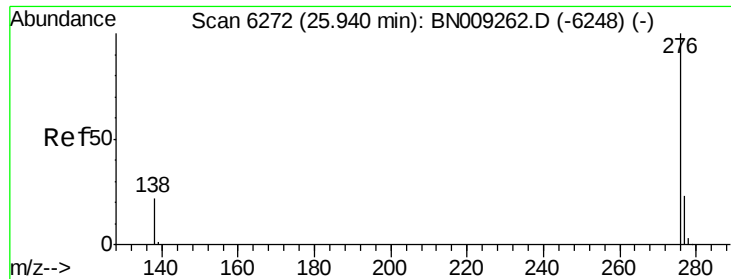
#25

Dibenzo(a,h)anthracene
Concen: 0.071 ng/uL
RT: 25.31 min Scan# 6084
Delta R.T. -0.01 min
Lab File: BN009268.D
Acq: 30 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.5	16.2	24.2#
279	44.5	20.3	30.5#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





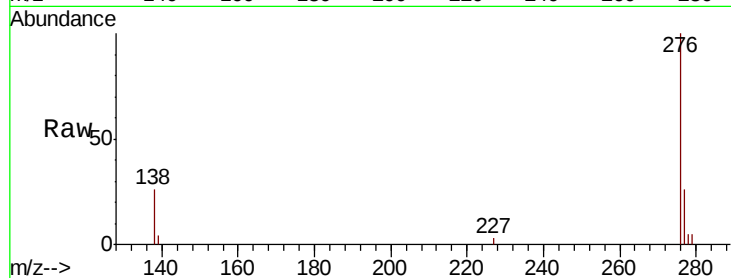
#26
Benzo(a,h,i)perylene
Concen: 0.287 ng/ul
RT: 25.94 min Scan# 6272
Delta R.T. -0.00 min
Lab File: BN009268.D
Acq: 30 Dec 2019 20:07

Instrument :
BNA_N
ClientSampleId :
C0C41DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.6	30.8
277	25.9	19.6	29.4

Manual Integrations
APPROVED

mohammad
12/31/2019 12:12:41 PM



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

