

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121619\
 Data File : BN009001.D
 Acq On : 16 Dec 2019 16:43
 Operator : JU
 Sample : K6089-05DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ3DL

Manual Integrations
 APPROVED

mohammad
 12/17/2019 5:34:51 AM

Quant Time: Dec 16 17:16:58 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 16 15:27:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2510	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11294	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7191	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	15909	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12698	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	11257	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	2465	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	7470	0.16	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.35	128	11714	0.342	ng/ul	99
5) 2-Methylnaphthalene	11.97	142	13077	0.505	ng/ul	100
7) Acenaphthylene	13.89	152	4722	0.125	ng/ul#	92
9) Fluorene	15.23	166	1867	0.053	ng/ul#	74
12) Phenanthrene	16.96	178	55286	0.999	ng/ul	100
13) Anthracene	17.06	178	3593	0.072	ng/ul#	91
15) Fluoranthene	18.99	202	59137	0.935	ng/ul	96
17) Pyrene	19.35	202	49765	0.768	ng/ul	99
18) Benzo(a)anthracene	21.11	228	26585	0.471	ng/ul#	92
19) Chrysene	21.16	228	48185	0.850	ng/ul#	95
21) Benzo(b)fluoranthene	22.64	252	44846m	0.853	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	13576m	0.256	ng/ul	
23) Benzo(a)pyrene	23.18	252	25054	0.544	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.37	276	18218	0.363	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.38	278	6469	0.162	ng/ul#	67
26) Benzo(a,h,i)perylene	26.02	276	21636	0.512	ng/ul	96

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

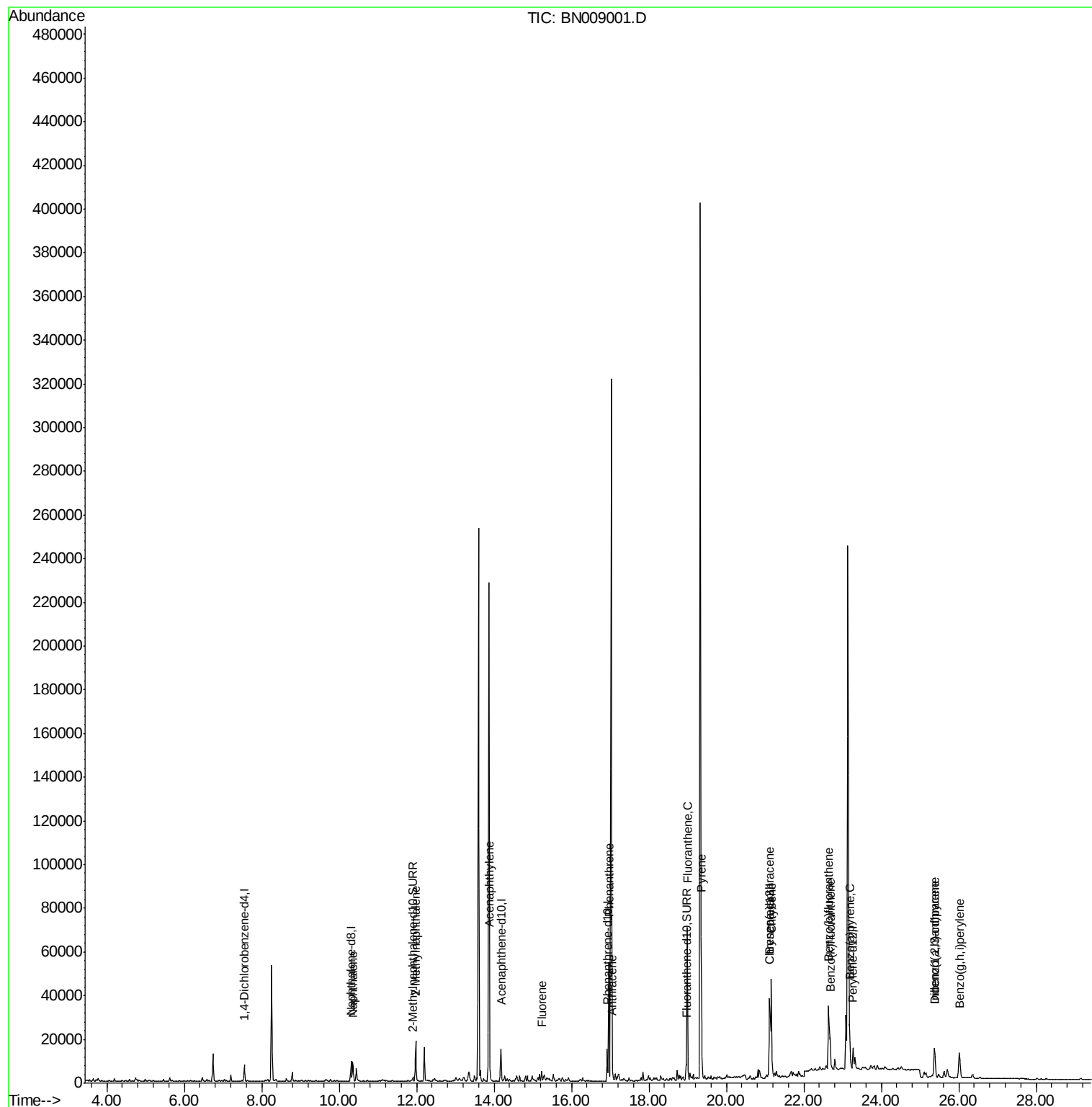
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121619\
Data File : BN009001.D
Acq On : 16 Dec 2019 16:43
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Sample : K6089-05DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

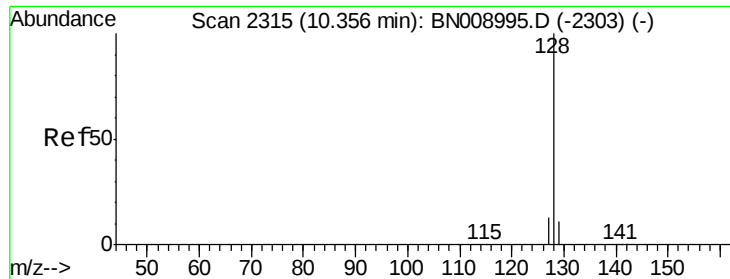
Instrument :
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Quant Time: Dec 16 17:16:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 15:27:44 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.342 ng/ul

RT: 10.35 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BN009001.D

Acq: 16 Dec 2019 16:43

Instrument :

BNA_N

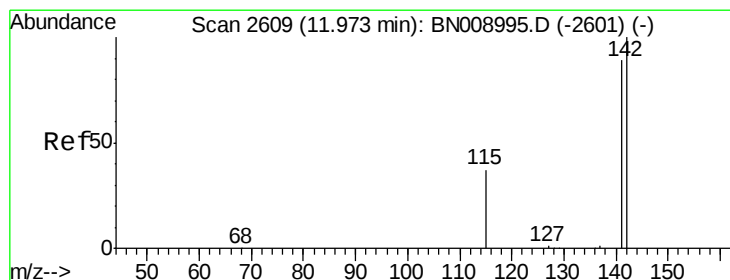
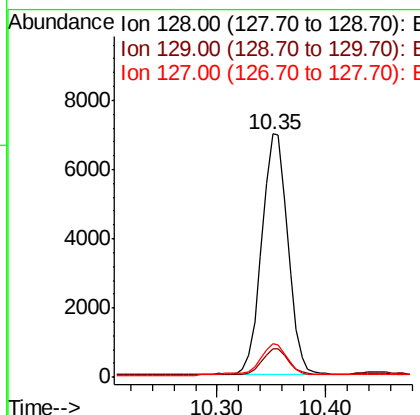
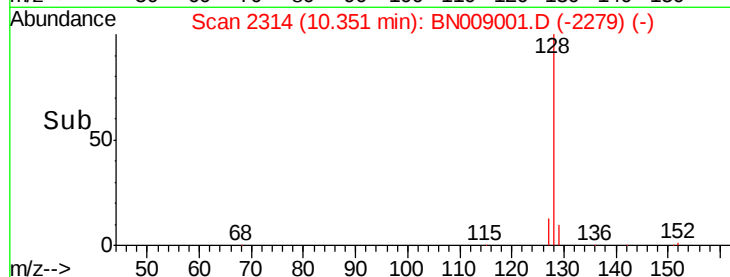
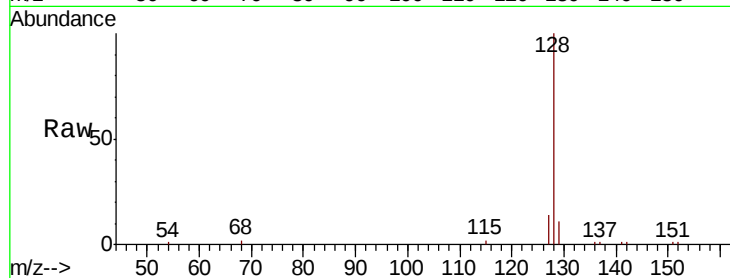
ClientSampleId :

C0BQ3DL

Tot Ion:	128	Resp:	11714
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.0	13.4
127	14.0	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.505 ng/ul

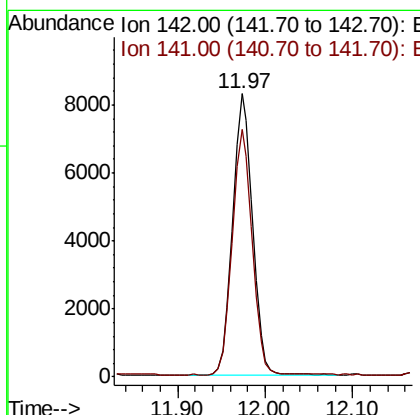
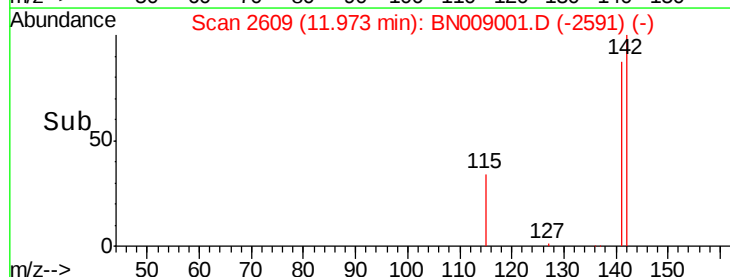
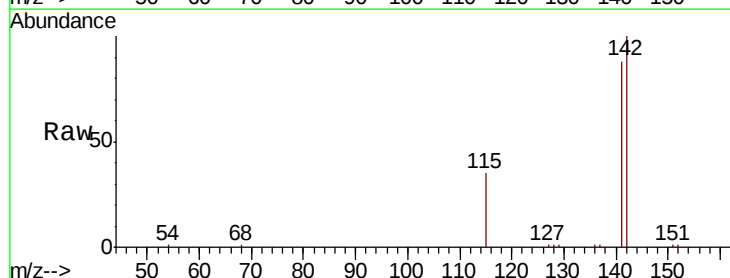
RT: 11.97 min Scan# 2609

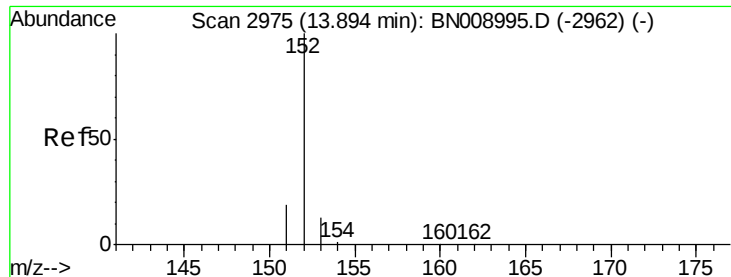
Delta R.T. 0.00 min

Lab File: BN009001.D

Acq: 16 Dec 2019 16:43

Tgt Ion:	142	Resp:	13077
Ion Ratio	Lower	Upper	
142	100		
141	87.4	70.2	105.4





#7

Acenaphthylene

Concen: 0.125 ng/ul

RT: 13.89 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BN009001.D

Acq: 16 Dec 2019 16:43

Instrument :

BNA_N

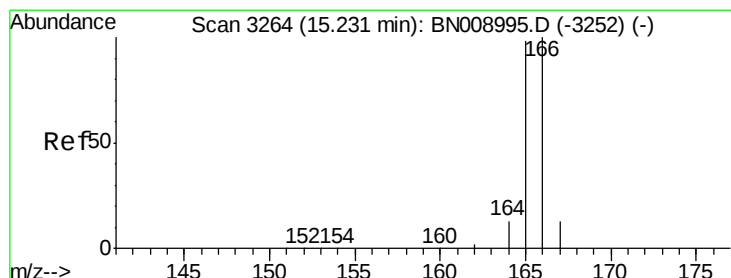
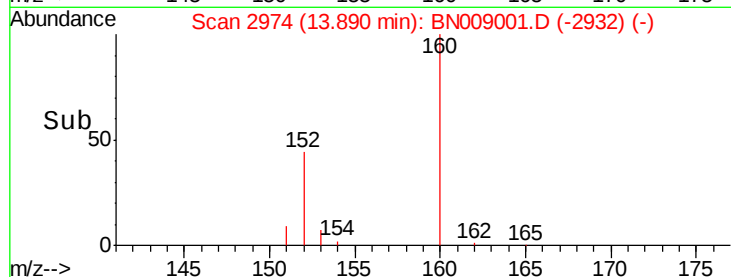
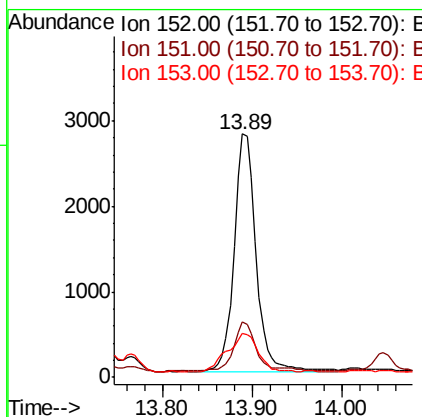
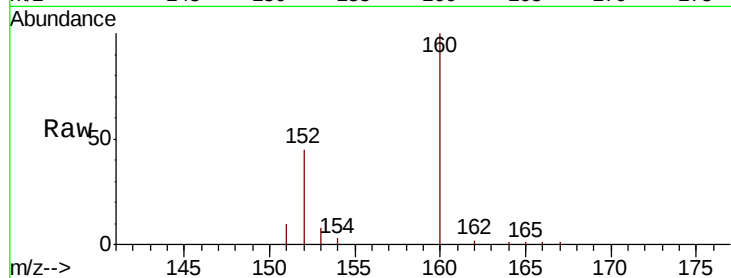
ClientSampleId :

C0BQ3DL

Tot Ion:	152	Resp:	4722
Ion Ratio	Lower	Upper	
152	100		
151	22.7	15.7	23.5
153	17.8	10.8	16.2

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#9

Fluorene

Concen: 0.053 ng/ul

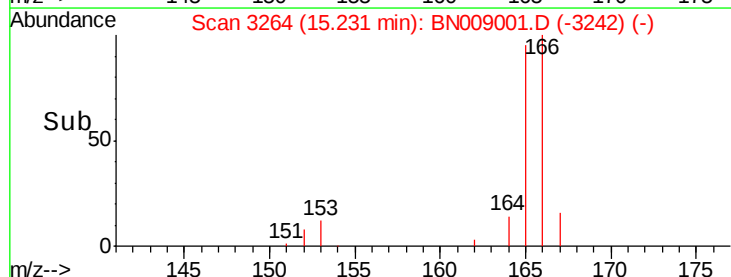
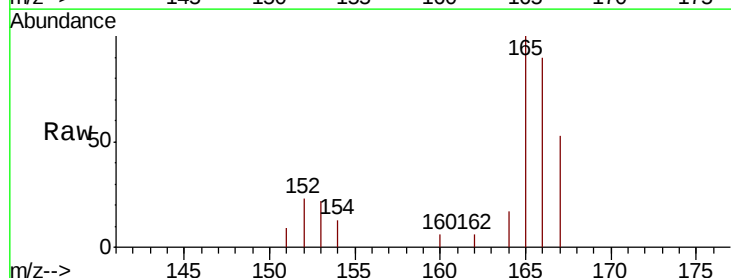
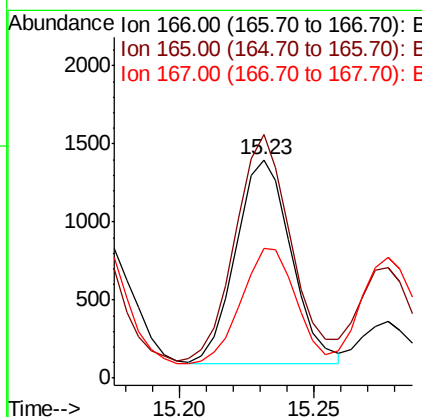
RT: 15.23 min Scan# 3264

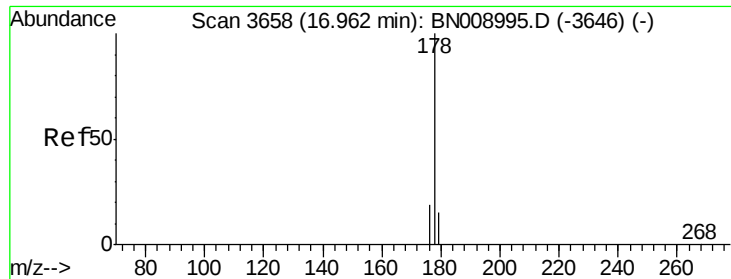
Delta R.T. 0.00 min

Lab File: BN009001.D

Acq: 16 Dec 2019 16:43

Tgt Ion:	166	Resp:	1867
Ion Ratio	Lower	Upper	
166	100		
165	111.5	78.2	117.4
167	59.6	11.0	16.6





#12

Phenanthrene

Concen: 0.999 ng/ul

RT: 16.96 min Scan# 3658

Delta R.T. 0.00 min

Lab File: BN009001.D

Acq: 16 Dec 2019 16:43

Instrument :

BNA_N

ClientSampleId :

C0BQ3DL

Tot Ion:178 Resp: 55286

Ion Ratio Lower Upper

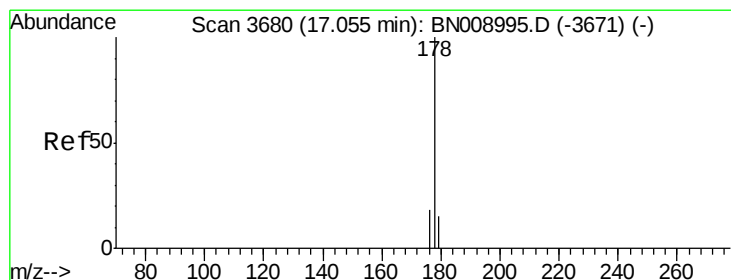
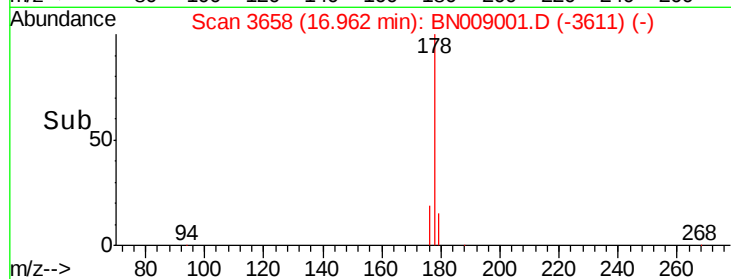
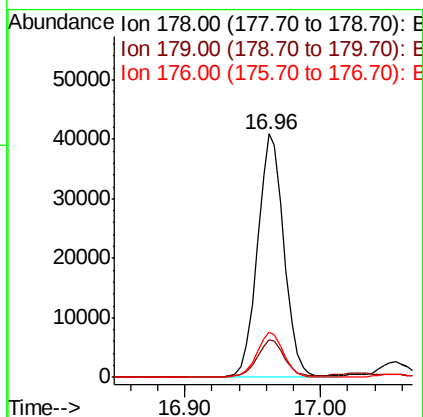
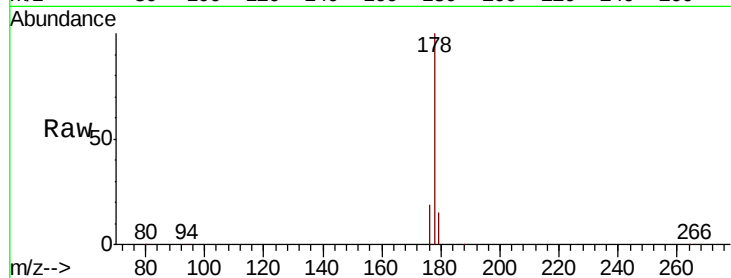
178 100

179 15.5 12.3 18.5

176 18.8 15.1 22.7

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#13

Anthracene

Concen: 0.072 ng/ul

RT: 17.06 min Scan# 3680

Delta R.T. 0.00 min

Lab File: BN009001.D

Acq: 16 Dec 2019 16:43

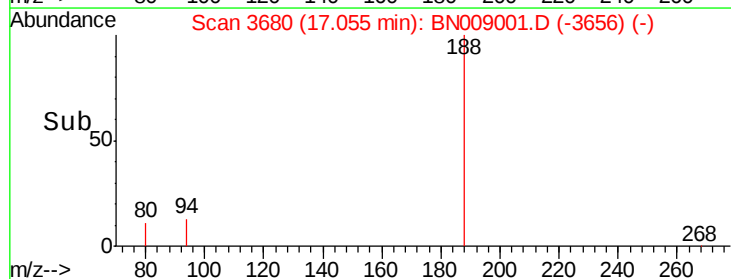
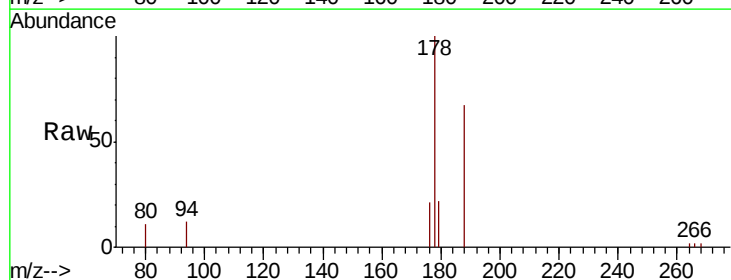
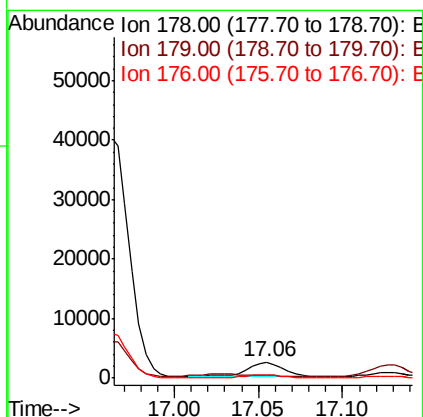
Tgt Ion:178 Resp: 3593

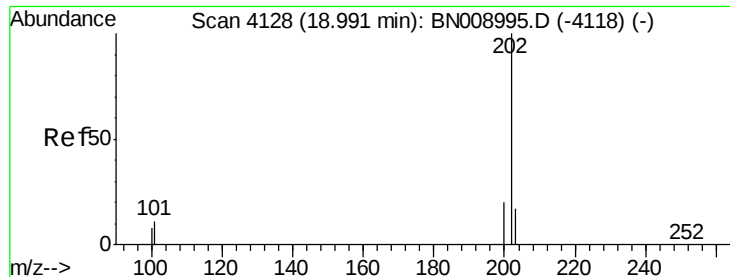
Ion Ratio Lower Upper

178 100

179 22.0 12.5 18.7#

176 20.5 14.9 22.3





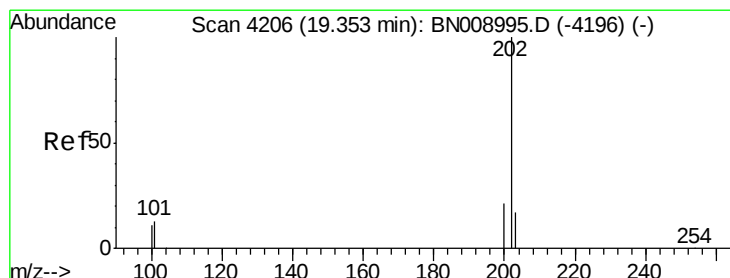
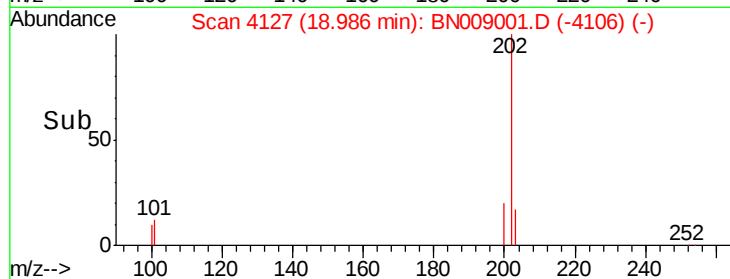
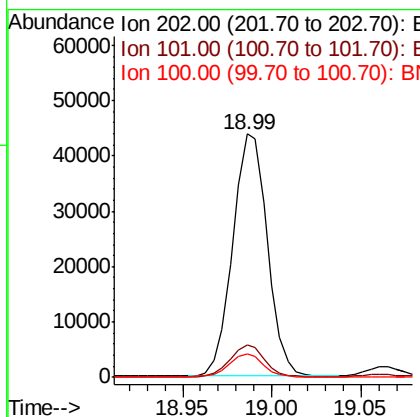
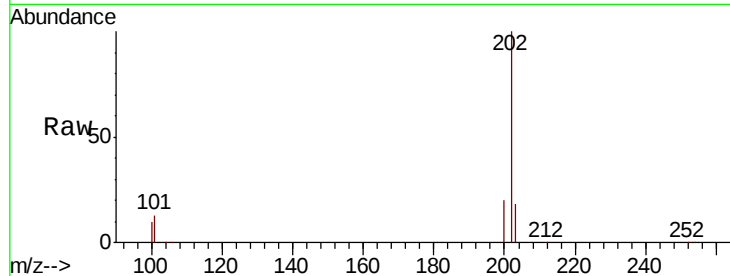
#15
Fluoranthene
 Concen: 0.935 ng/ul
 RT: 18.99 min Scan# 4127
 Delta R.T. -0.00 min
 Lab File: BN009001.D
 Acq: 16 Dec 2019 16:43

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ3DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	31.5
100	9.8	0.0	28.9

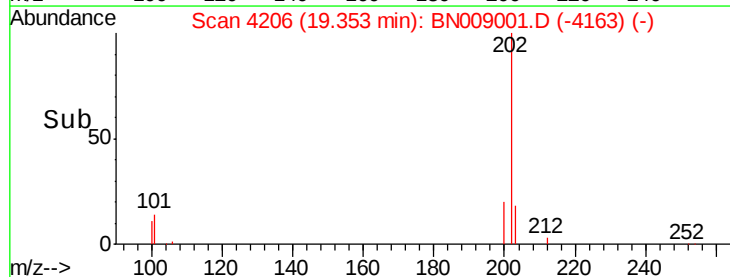
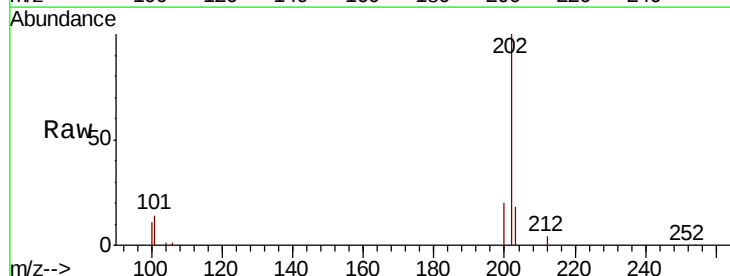
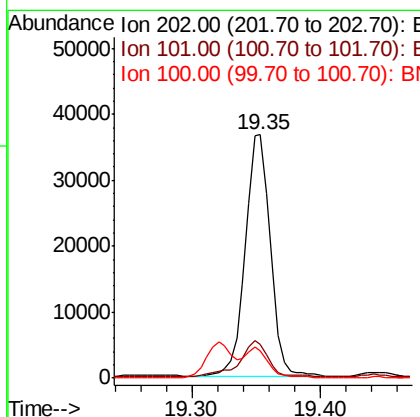
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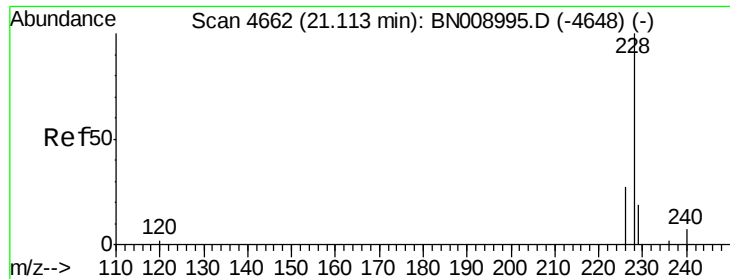
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#17
Pyrene
 Concen: 0.768 ng/ul
 RT: 19.35 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: BN009001.D
 Acq: 16 Dec 2019 16:43

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.0	9.0	13.6





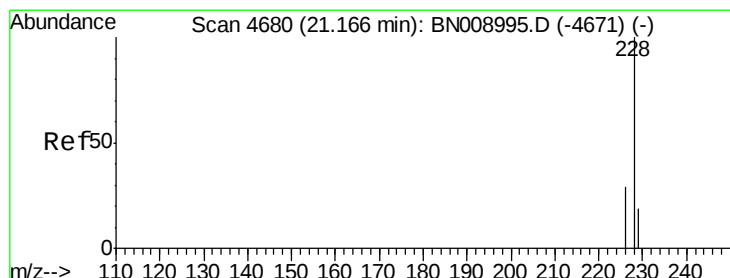
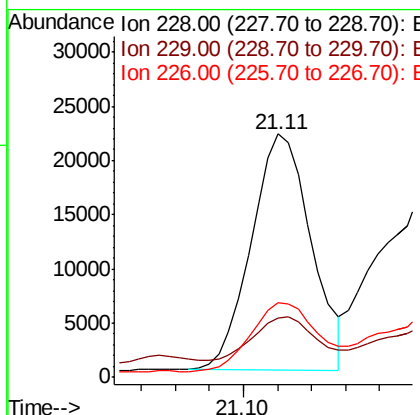
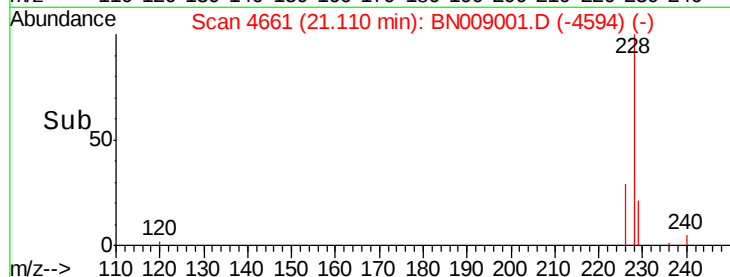
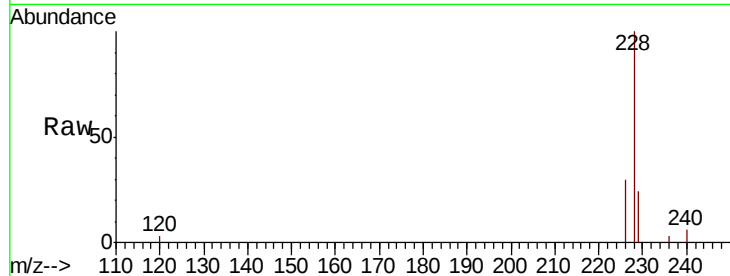
#18
Benzo(a)anthracene
Concen: 0.471 ng/ul
RT: 21.11 min Scan# 4661
Delta R.T. -0.00 min
Lab File: BN009001.D
Acq: 16 Dec 2019 16:43

Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.5	15.5	23.3#
226	30.5	21.7	32.5

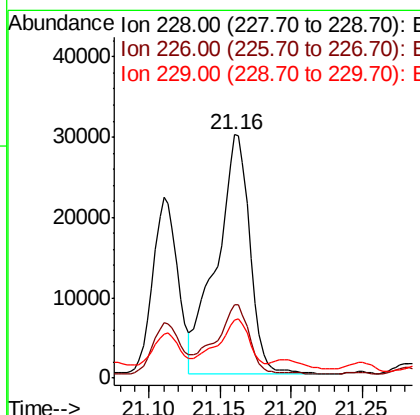
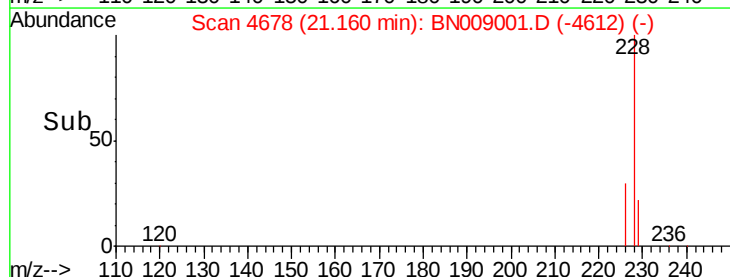
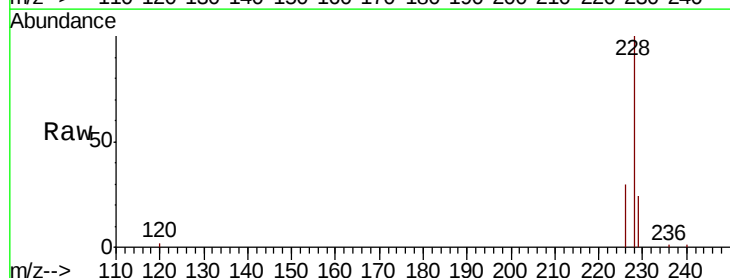
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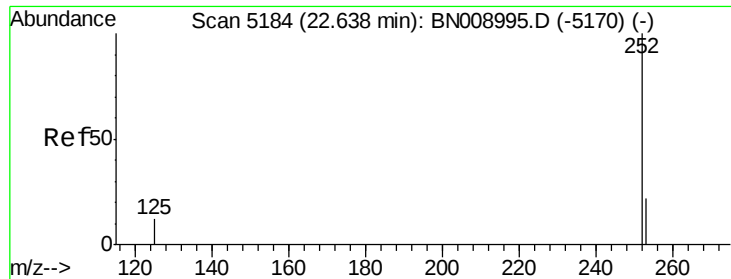
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#19
Chrysene
Concen: 0.850 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN009001.D
Acq: 16 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	24.0	15.4	23.0#





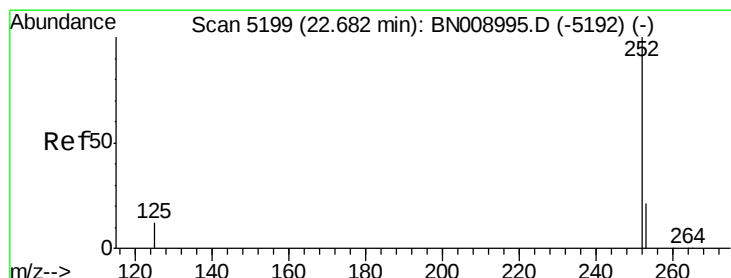
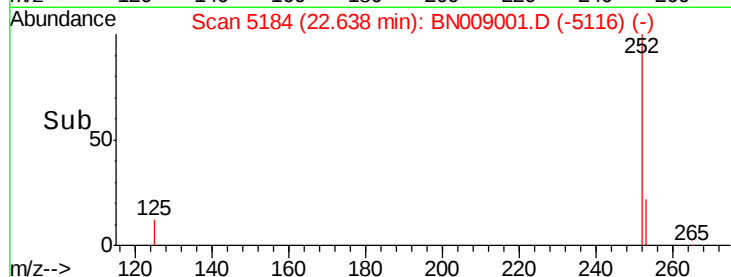
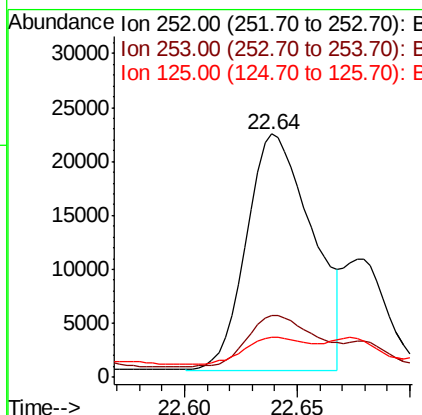
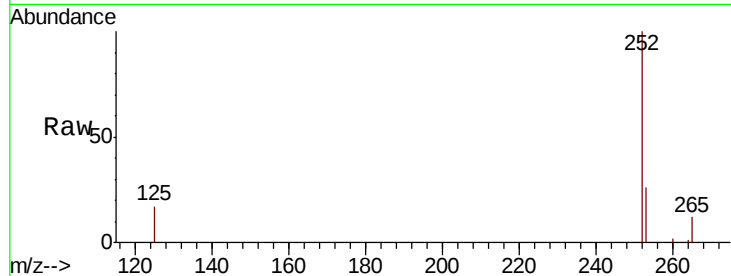
#21
Benzo(b)fluoranthene
Concen: 0.853 ng/ul m
RT: 22.64 min Scan# 5184
Delta R.T. 0.00 min
Lab File: BN009001.D
Acq: 16 Dec 2019 16:43

Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	48.2
125	16.7	0.0	30.0

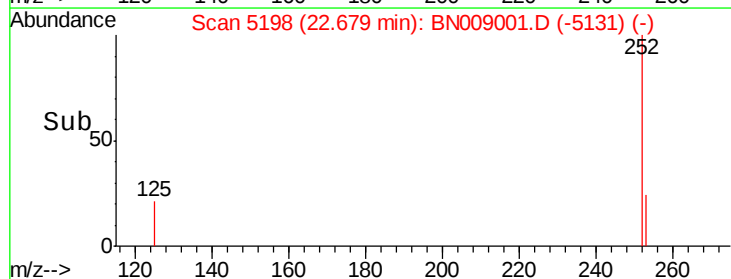
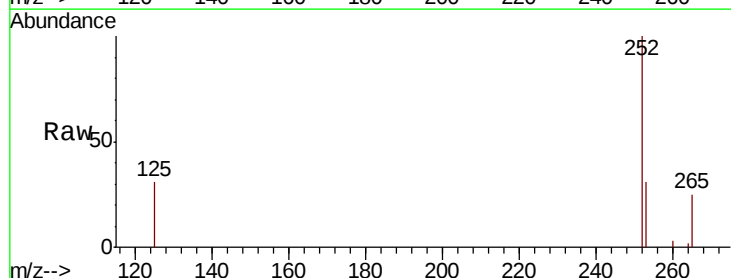
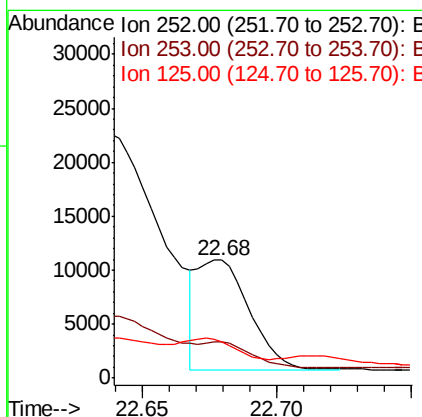
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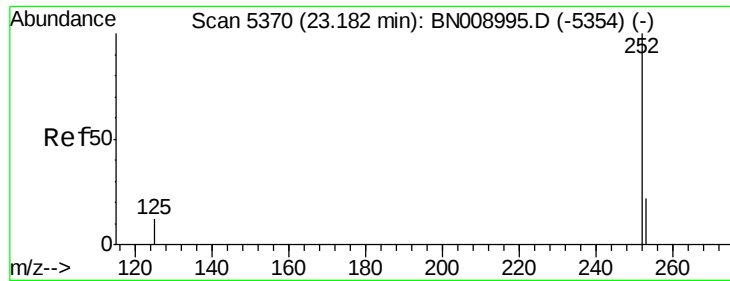
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#22
Benzo(k)fluoranthene
Concen: 0.256 ng/ul m
RT: 22.68 min Scan# 5198
Delta R.T. -0.00 min
Lab File: BN009001.D
Acq: 16 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	19.4	29.0#
125	30.6	12.4	18.6#





#23

Benzo(a)pyrene

Concen: 0.544 ng/ul

RT: 23.18 min Scan# 5369

Delta R.T. -0.00 min

Lab File: BN009001.D

Acq: 16 Dec 2019 16:43

Instrument :

BNA_N

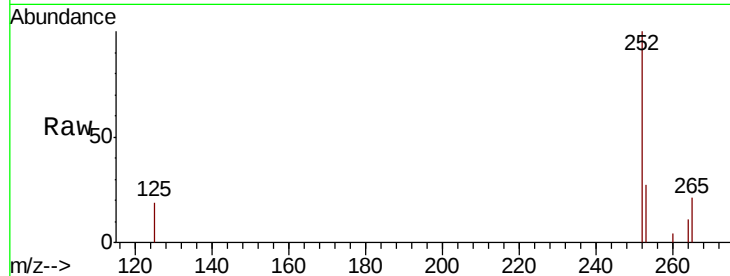
ClientSampleId :

C0BQ3DL

Tot Ion:	252	Resp:	25054
Ion Ratio	Lower	Upper	
252	100		
253	27.0	20.2	30.4
125	19.3	13.2	19.8

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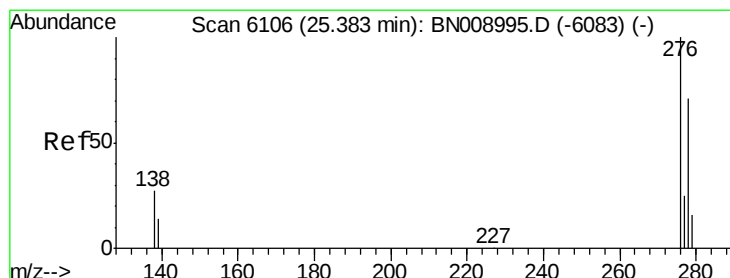
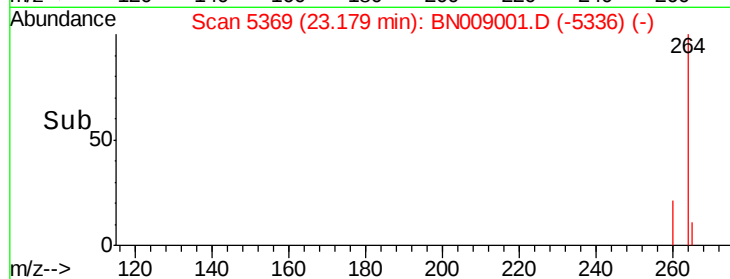
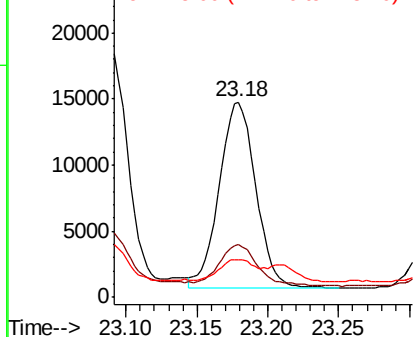


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.363 ng/ul

RT: 25.37 min Scan# 6103

Delta R.T. -0.01 min

Lab File: BN009001.D

Acq: 16 Dec 2019 16:43

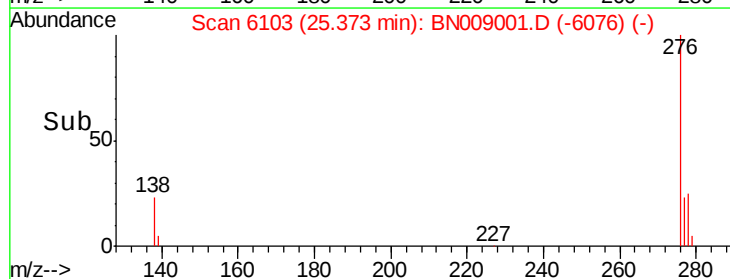
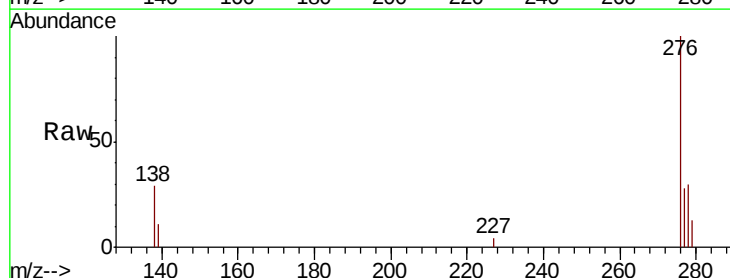
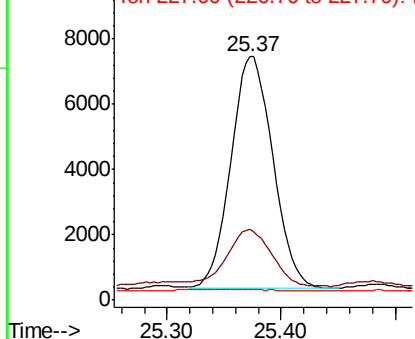
Tgt Ion:	276	Resp:	18218
Ion Ratio	Lower	Upper	
276	100		
138	25.9	22.4	33.6
227	0.0	0.2	0.4#

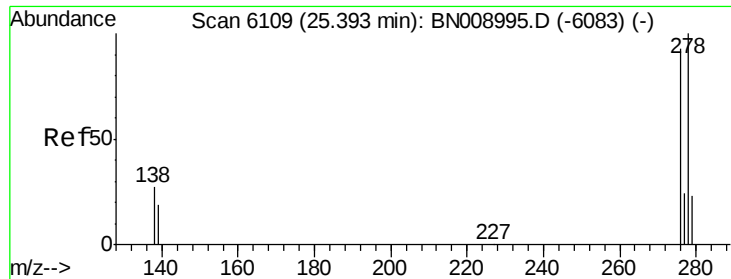
Abundance

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





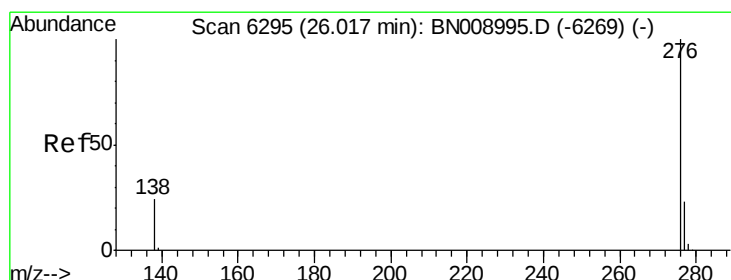
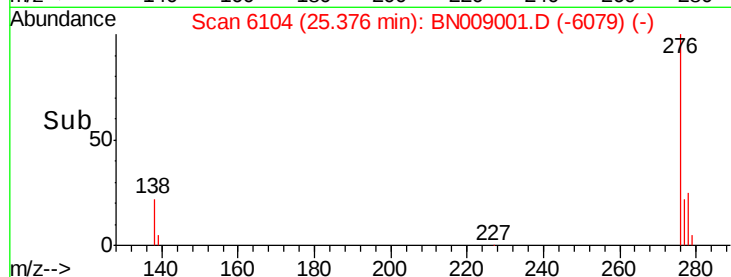
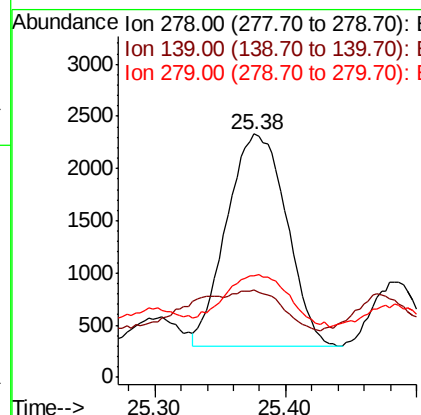
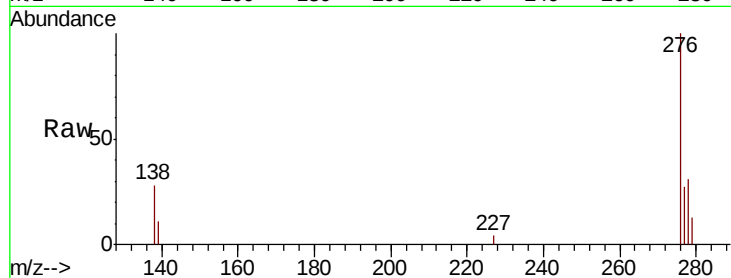
#25
Dibenzo(a,h)anthracene
Concen: 0.162 ng/u1
RT: 25.38 min Scan# 6104
Delta R.T. -0.02 min
Lab File: BN009001.D
Acq: 16 Dec 2019 16:43

Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	35.8	16.2	24.2#
279	41.7	20.3	30.5#

Manual Integrations
APPROVED

mohammad
12/17/2019 5:34:51 AM



#26
Benzo(g,h,i)perylene
Concen: 0.512 ng/u1
RT: 26.02 min Scan# 6295
Delta R.T. 0.00 min
Lab File: BN009001.D
Acq: 16 Dec 2019 16:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.6	30.8
277	26.9	19.6	29.4

