

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121619\
 Data File : BN009002.D
 Acq On : 16 Dec 2019 17:19
 Operator : JU
 Sample : K6089-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ5

Manual Integrations
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mohammad
 12/17/2019 5:34:55 AM

Quant Time: Dec 16 17:55:14 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	2294	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10281	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6789	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	15094	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12833	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	11698	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	3793	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	10926	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.35	128	7520	0.241	ng/ul	98
5) 2-Methylnaphthalene	11.97	142	6930	0.294	ng/ul	99
7) Acenaphthylene	13.89	152	7395	0.207	ng/ul#	95
8) Acenaphthene	14.24	153	1239	0.044	ng/ul	94
9) Fluorene	15.23	166	3367	0.102	ng/ul#	80
12) Phenanthrene	16.96	178	97218	1.852	ng/ul	100
13) Anthracene	17.06	178	10592	0.225	ng/ul	97
15) Fluoranthene	18.99	202	170695	2.843	ng/ul	97
17) Pyrene	19.35	202	135901	2.076	ng/ul	99
18) Benzo(a)anthracene	21.11	228	61086	1.072	ng/ul	94
19) Chrysene	21.16	228	90011	1.572	ng/ul#	95
21) Benzo(b)fluoranthene	22.64	252	85880m	1.572	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	30378m	0.552	ng/ul	
23) Benzo(a)pyrene	23.18	252	50543	1.056	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.38	276	31665	0.607	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.38	278	8640	0.208	ng/ul#	73
26) Benzo(a,h,i)perylene	26.01	276	31010	0.706	ng/ul	98

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

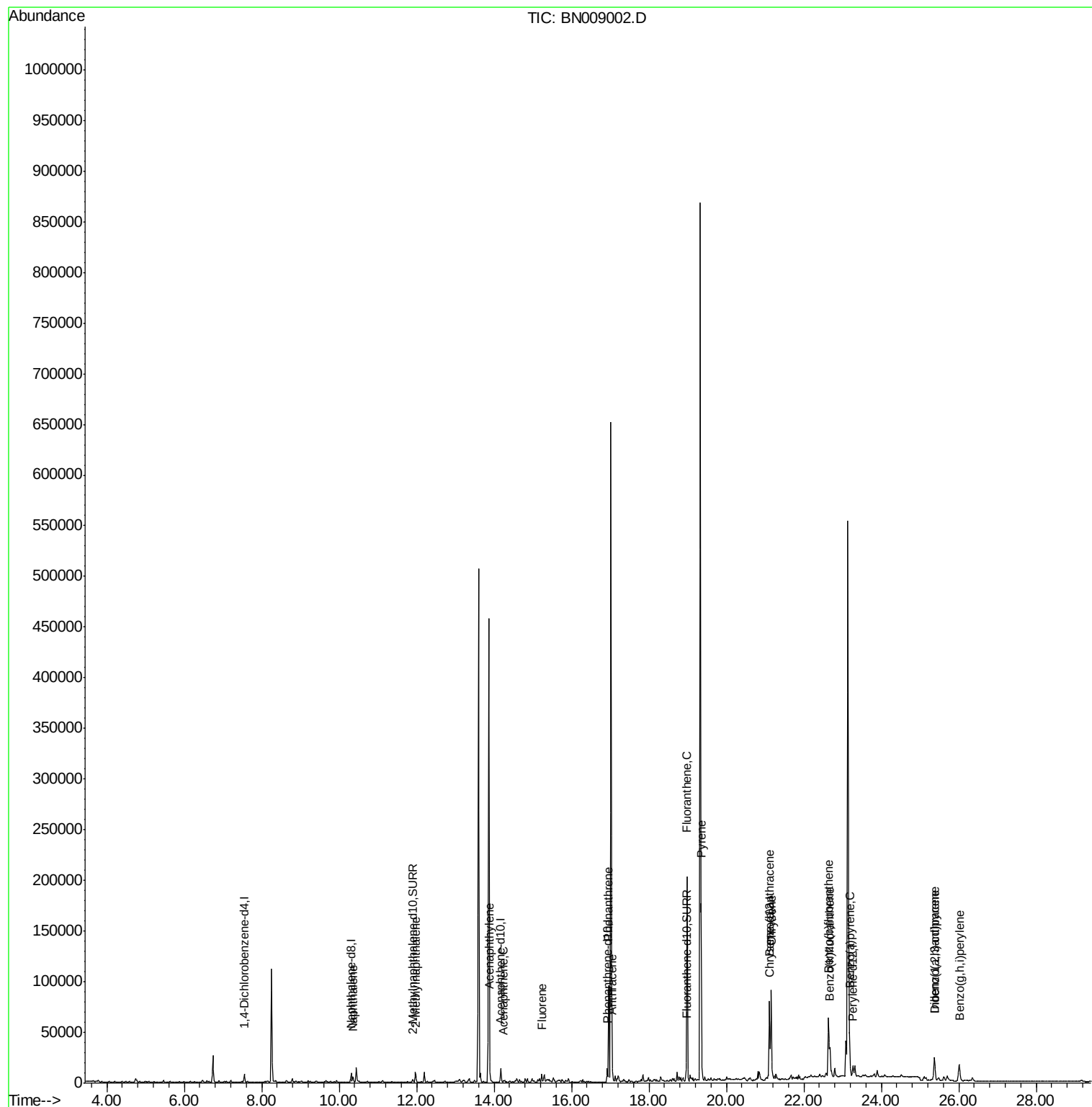
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121619\
Data File : BN009002.D
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Sample : K6089-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

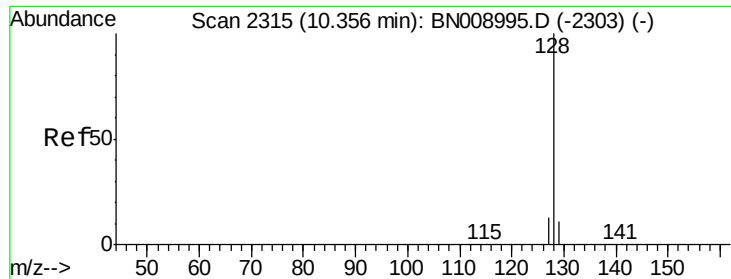
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Dec 16 17:55:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 15:27:44 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.241 ng/ul

RT: 10.35 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BN009002.D

Acq: 16 Dec 2019 17:19

Instrument :

BNA_N

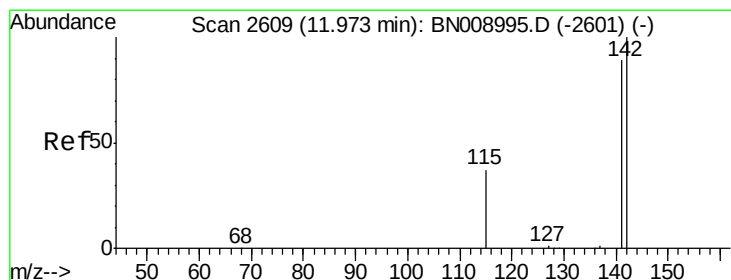
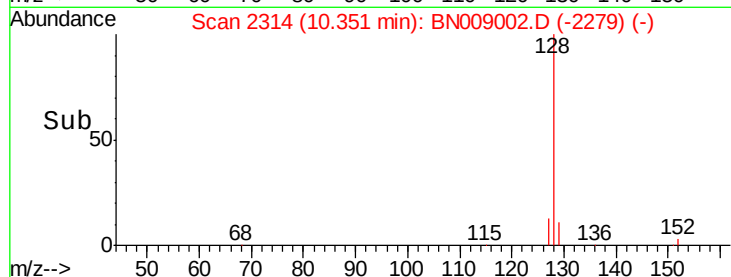
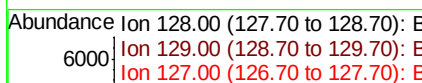
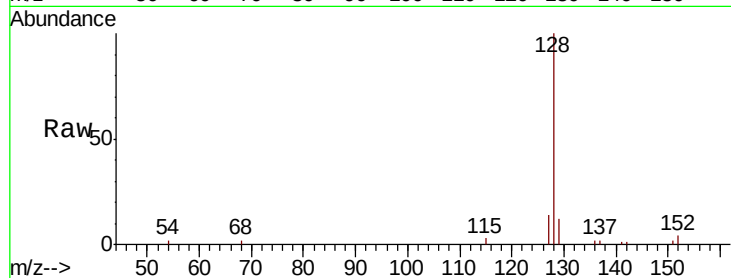
ClientSampleId :

C0BQ5

Tot Ion:	128	Resp:	7520
Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.0	13.4
127	14.4	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.294 ng/ul

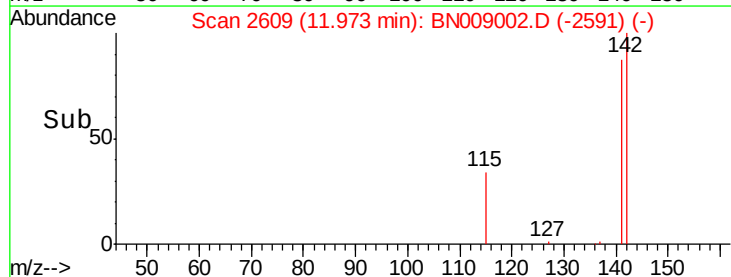
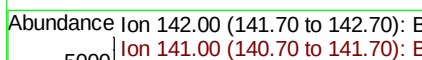
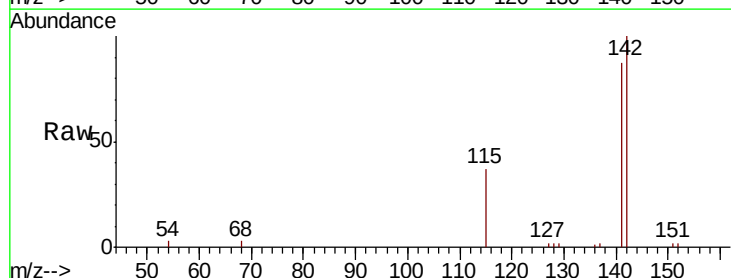
RT: 11.97 min Scan# 2609

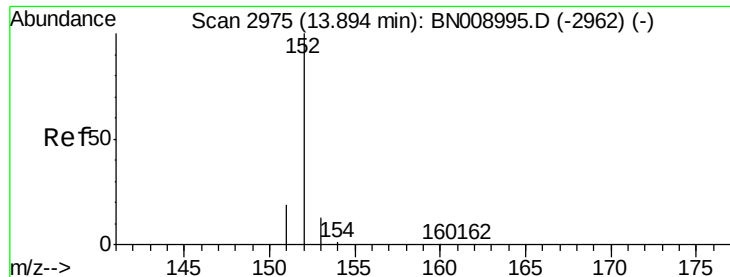
Delta R.T. 0.00 min

Lab File: BN009002.D

Acq: 16 Dec 2019 17:19

Tgt Ion:	142	Resp:	6930
Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.2	105.4





#7

Acenaphthylene

Concen: 0.207 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BN009002.D

Acq: 16 Dec 2019 17:19

Instrument :

BNA_N

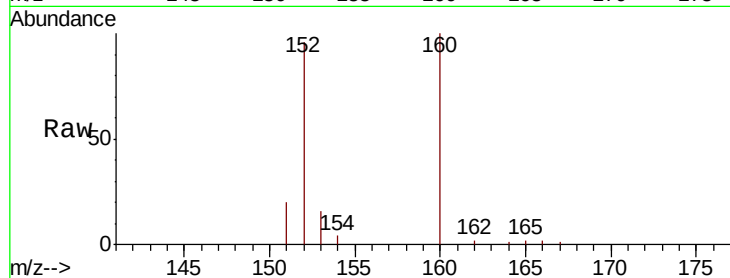
ClientSampleId :

C0BQ5

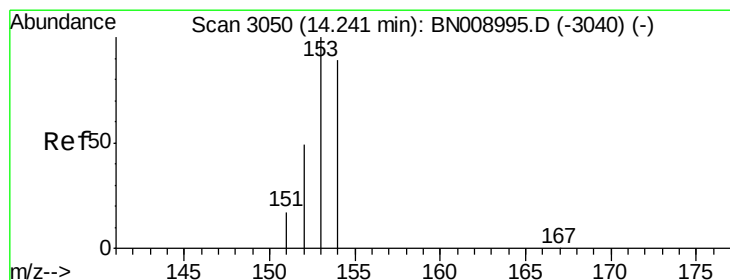
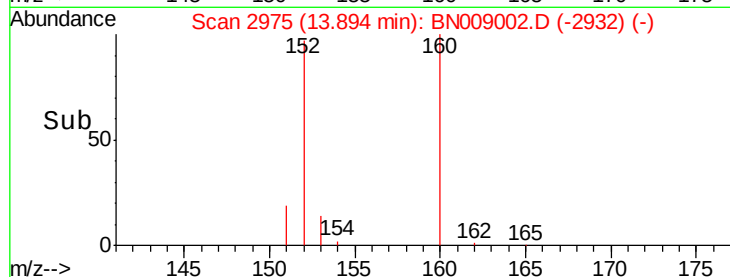
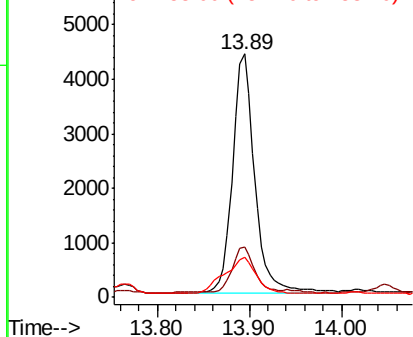
Tot Ion:	152	Resp:	7395
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.7	23.5
153	16.4	10.8	16.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.044 ng/ul

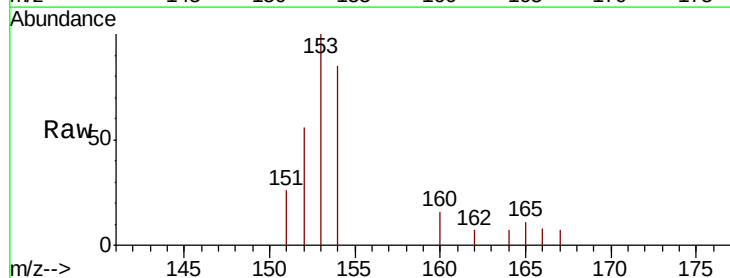
RT: 14.24 min Scan# 3050

Delta R.T. 0.00 min

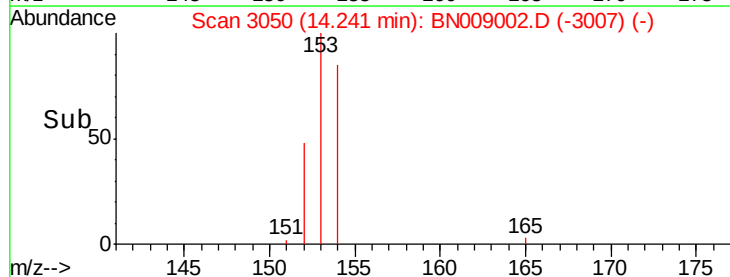
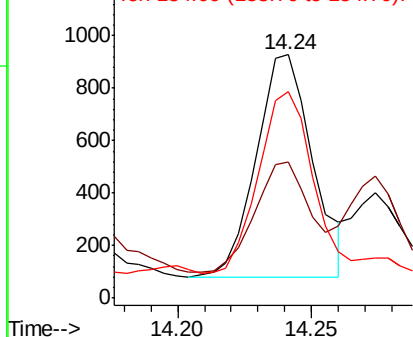
Lab File: BN009002.D

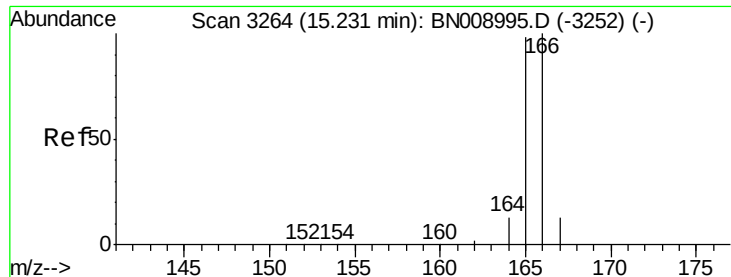
Acq: 16 Dec 2019 17:19

Tgt Ion:	153	Resp:	1239
Ion Ratio	Lower	Upper	
153	100		
152	55.8	39.5	59.3
154	84.8	71.3	106.9



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.102 ng/ul

RT: 15.23 min Scan# 3264

Delta R.T. 0.00 min

Lab File: BN009002.D

Acq: 16 Dec 2019 17:19

Instrument :

BNA_N

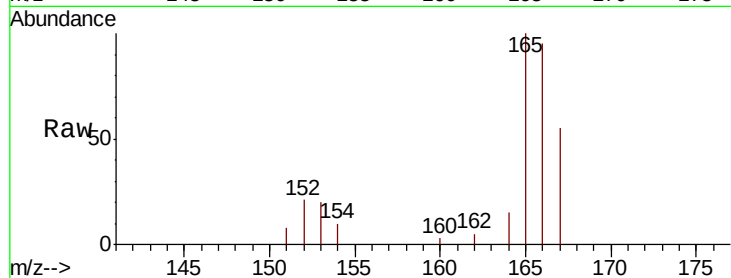
ClientSampleId :

C0BQ5

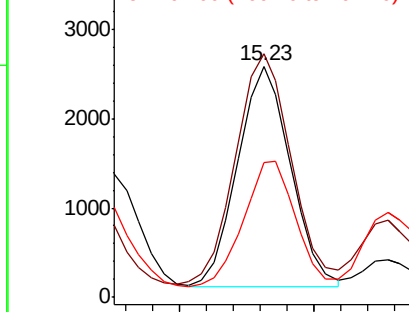
Tot Ion:	166	Resp:	3367
Ion Ratio	Lower	Upper	
166	100		
165	105.3	78.2	117.4
167	58.2	11.0	16.6#

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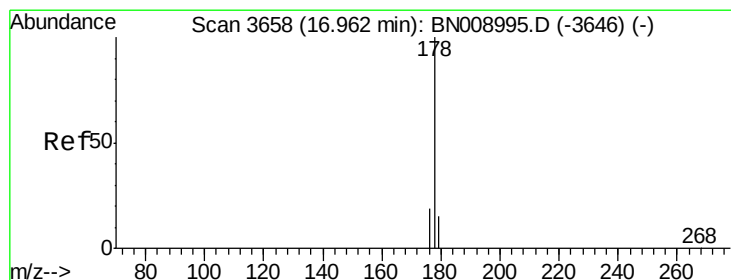
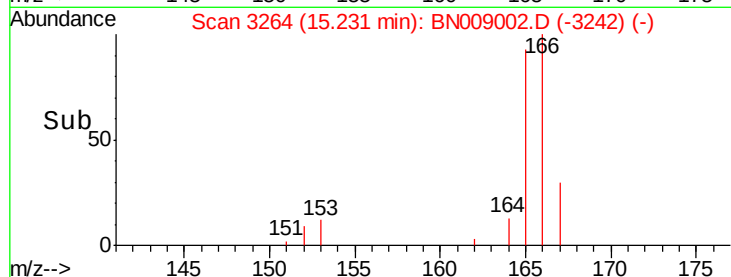
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#12

Phenanthrene

Concen: 1.852 ng/ul

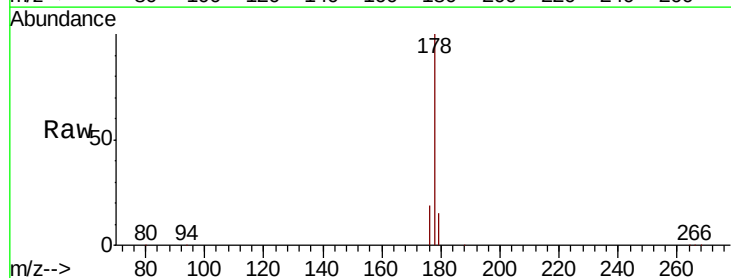
RT: 16.96 min Scan# 3658

Delta R.T. 0.00 min

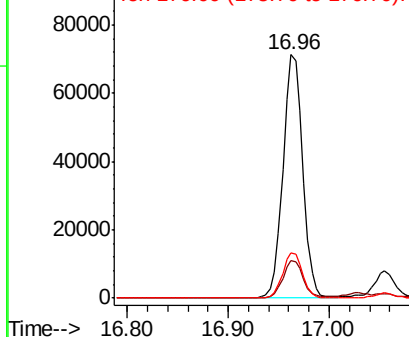
Lab File: BN009002.D

Acq: 16 Dec 2019 17:19

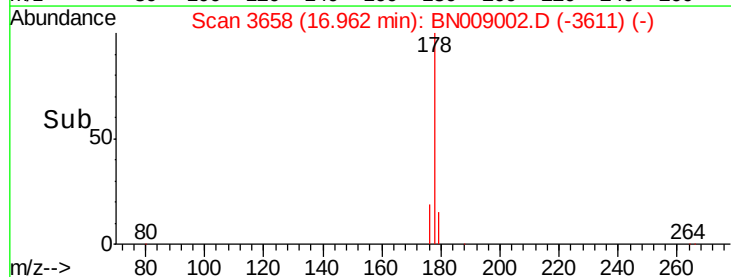
Tgt Ion:	178	Resp:	97218
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	18.7	15.1	22.7

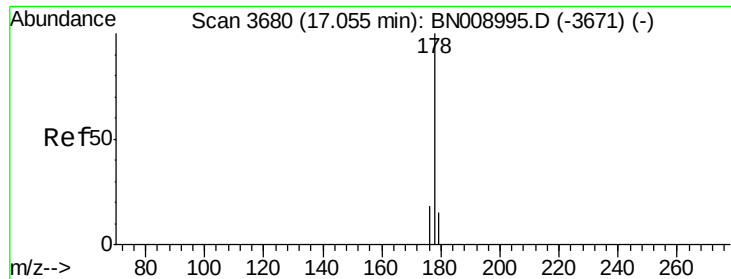


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





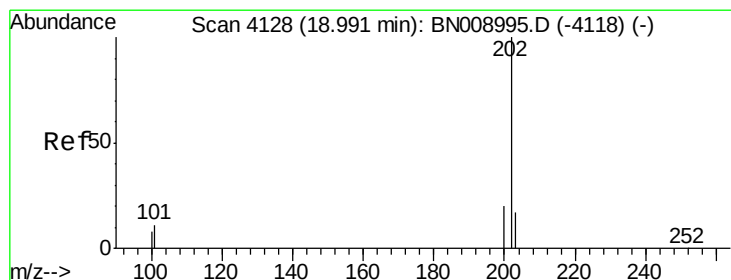
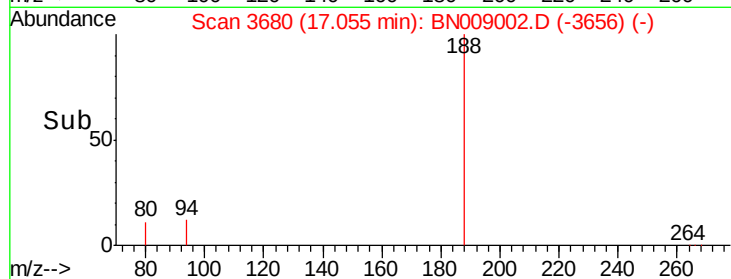
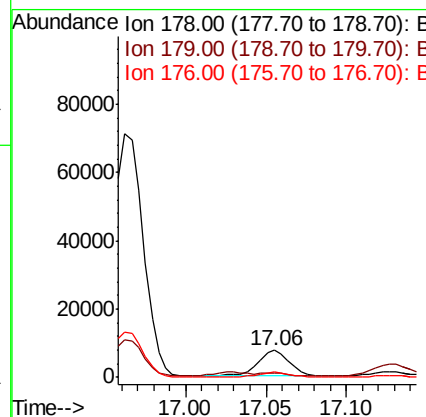
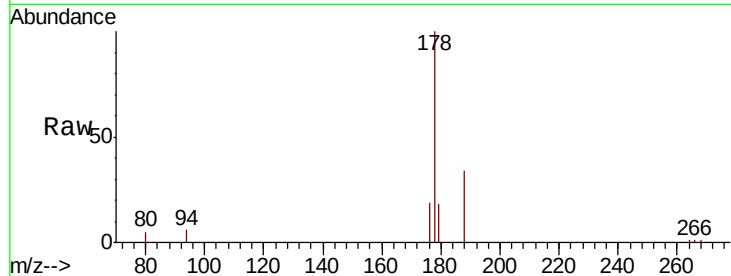
#13
 Anthracene
 Concen: 0.225 ng/ul
 RT: 17.06 min Scan# 3680
 Delta R.T. 0.00 min
 Lab File: BN009002.D
 Acq: 16 Dec 2019 17:19

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ5

Tot Ion:178 Resp: 10592
 Ion Ratio Lower Upper
 178 100
 179 17.9 12.5 18.7
 176 19.0 14.9 22.3

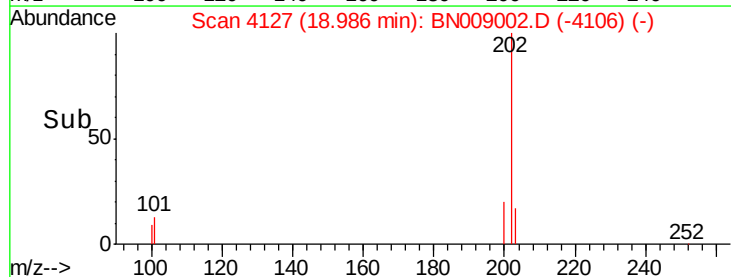
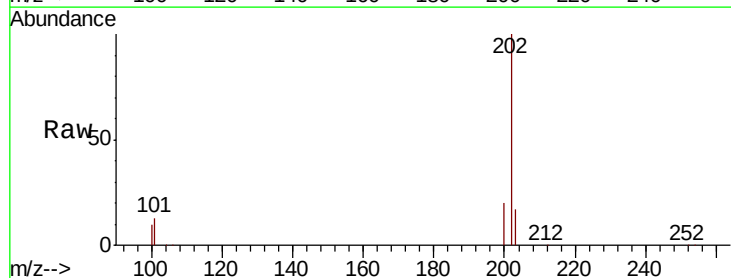
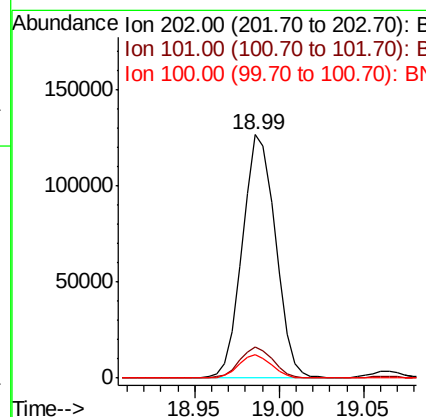
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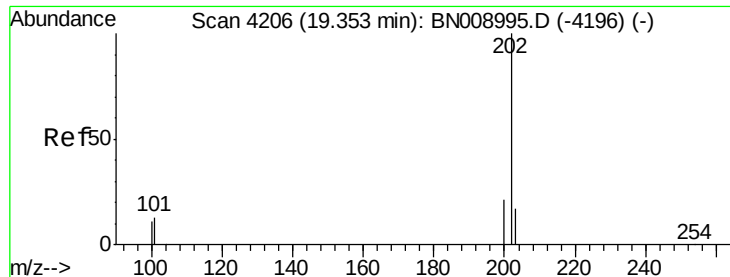
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#15
 Fluoranthene
 Concen: 2.843 ng/ul
 RT: 18.99 min Scan# 4127
 Delta R.T. -0.00 min
 Lab File: BN009002.D
 Acq: 16 Dec 2019 17:19

Tgt Ion:202 Resp: 170695
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 31.5
 100 9.5 0.0 28.9





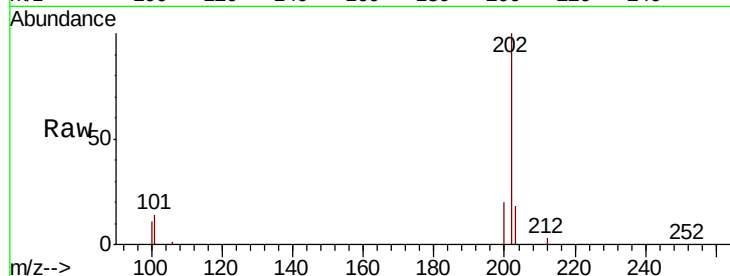
#17
Pvrene
Concen: 2.076 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. 0.00 min
Lab File: BN009002.D
Acq: 16 Dec 2019 17:19

Instrument :
BNA_N
ClientSampleId :
C0BQ5

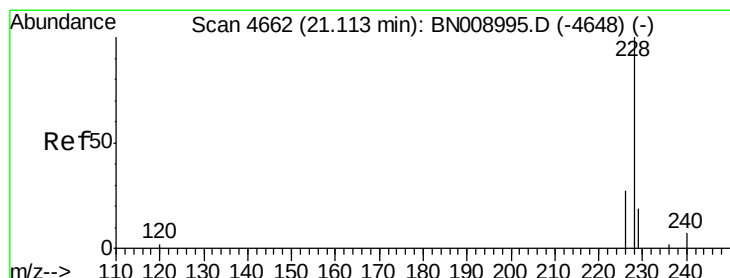
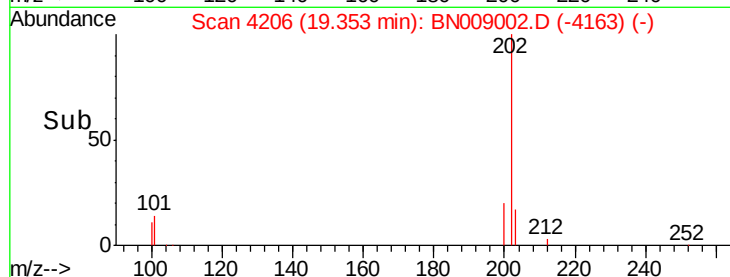
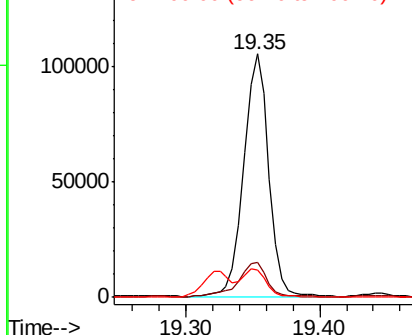
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.2	10.9	16.3
100	11.4	9.0	13.6

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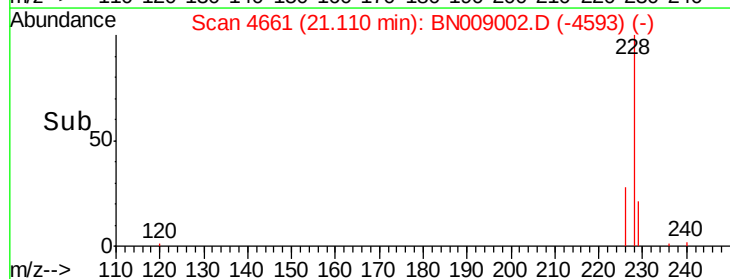
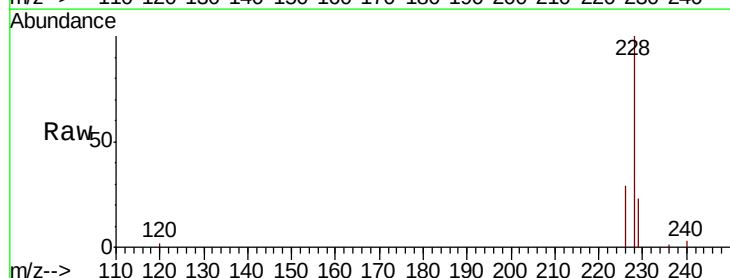
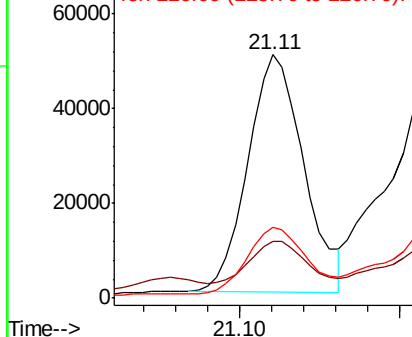
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

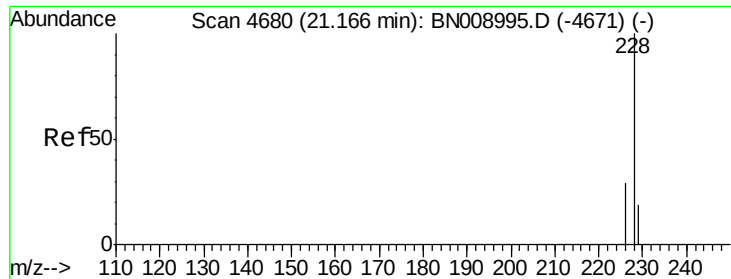


#18
Benzo(a)anthracene
Concen: 1.072 ng/ul
RT: 21.11 min Scan# 4661
Delta R.T. -0.00 min
Lab File: BN009002.D
Acq: 16 Dec 2019 17:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.2	15.5	23.3
226	29.0	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: 1.572 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN009002.D

Acq: 16 Dec 2019 17:19

Instrument :

BNA_N

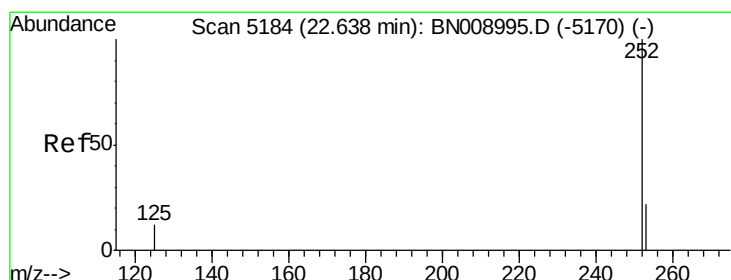
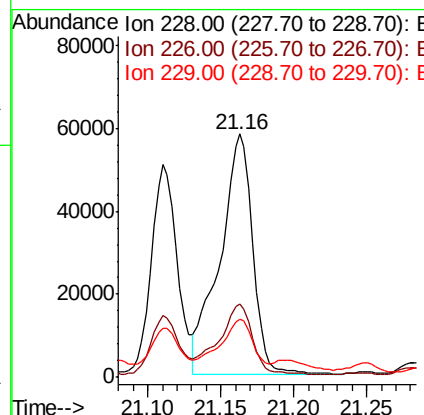
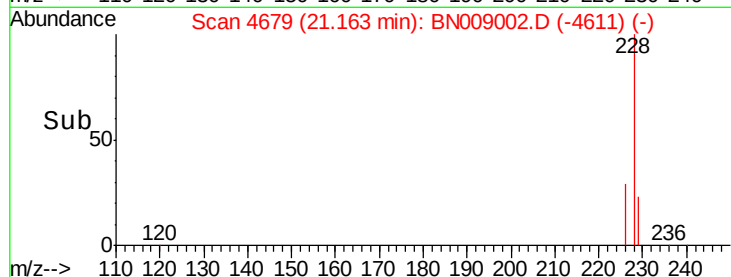
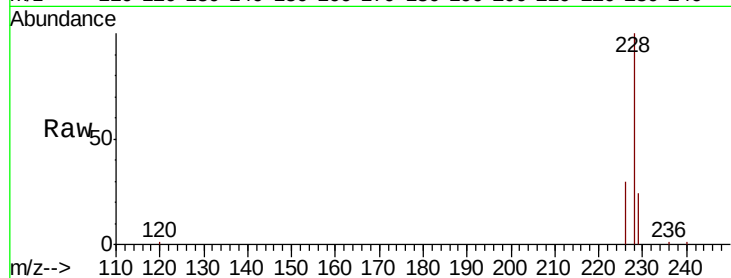
ClientSampleId :

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Tot Ion:	228	Resp:	90011
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.7	35.5
229	24.0	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 1.572 ng/ul m

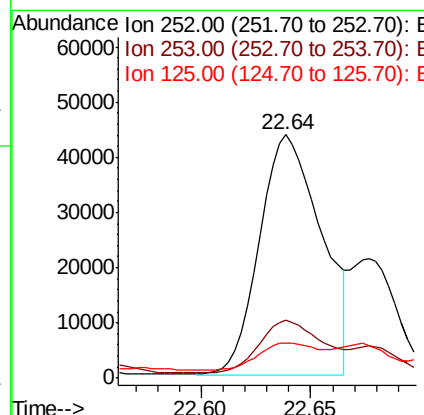
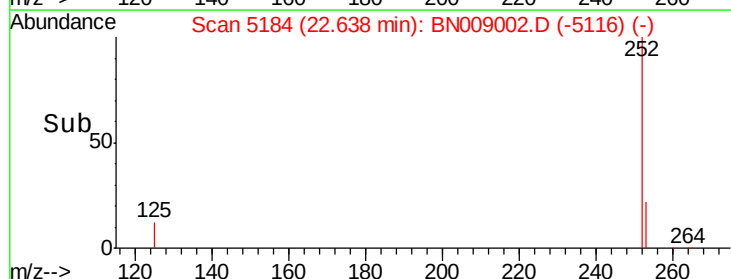
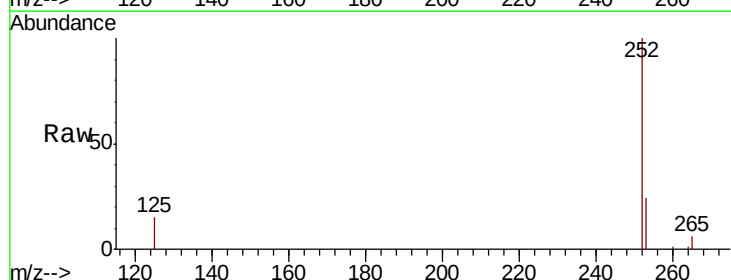
RT: 22.64 min Scan# 5184

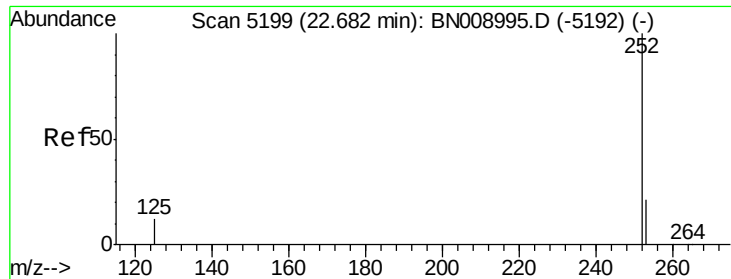
Delta R.T. 0.00 min

Lab File: BN009002.D

Acq: 16 Dec 2019 17:19

Tgt Ion:	252	Resp:	85880
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	48.2
125	14.6	0.0	30.0





#22

Benzo(k)fluoranthene

Concen: 0.552 ng/ul m

RT: 22.68 min Scan# 5197

Delta R.T. -0.01 min

Lab File: BN009002.D

Acq: 16 Dec 2019 17:19

Instrument :

BNA_N

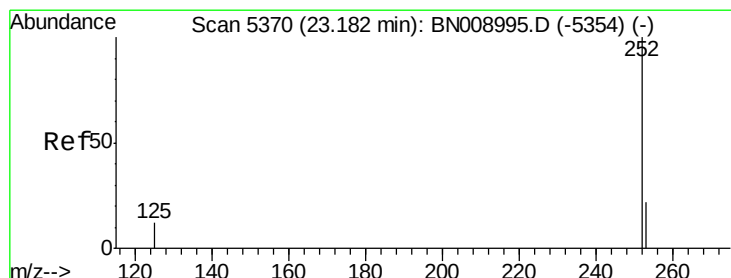
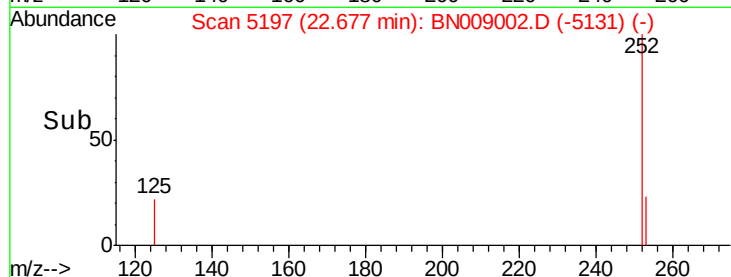
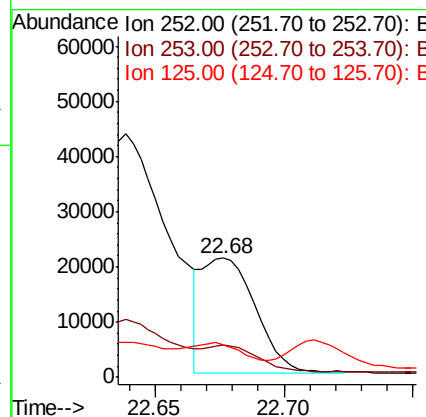
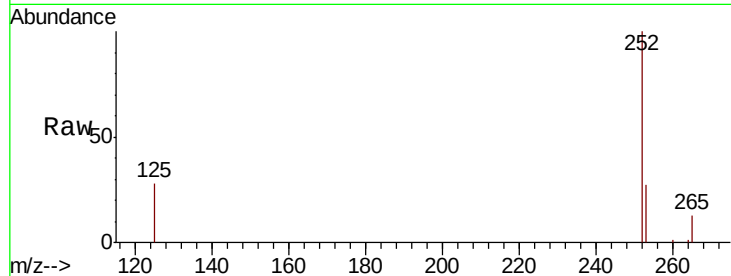
ClientSampleId :

C0BQ5

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.4	29.0
125	27.7	12.4	18.6

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#23

Benzo(a)pyrene

Concen: 1.056 ng/ul

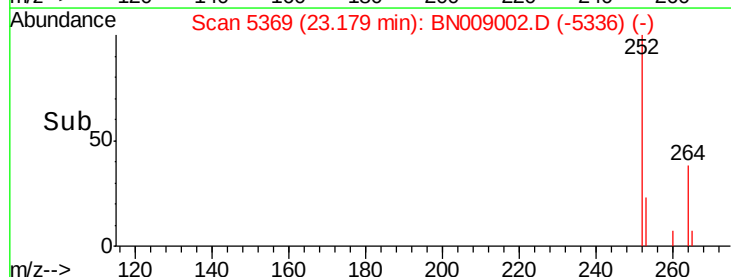
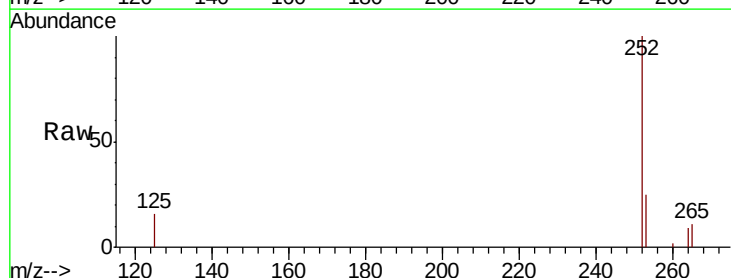
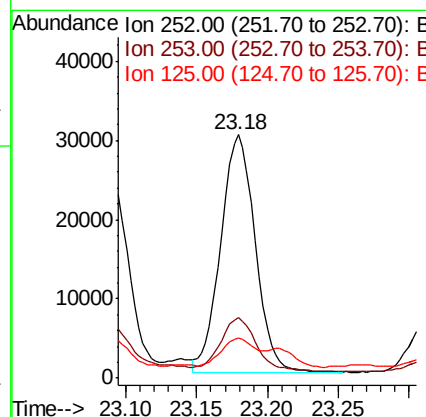
RT: 23.18 min Scan# 5369

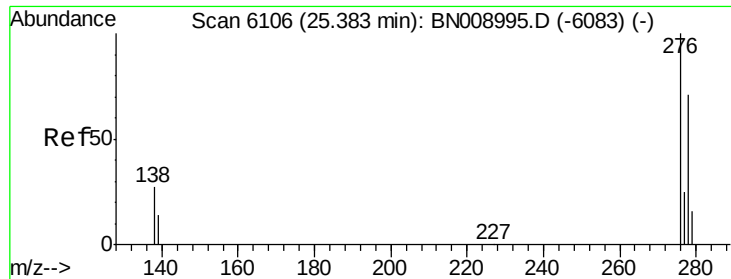
Delta R.T. -0.00 min

Lab File: BN009002.D

Acq: 16 Dec 2019 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.2	30.4
125	16.4	13.2	19.8





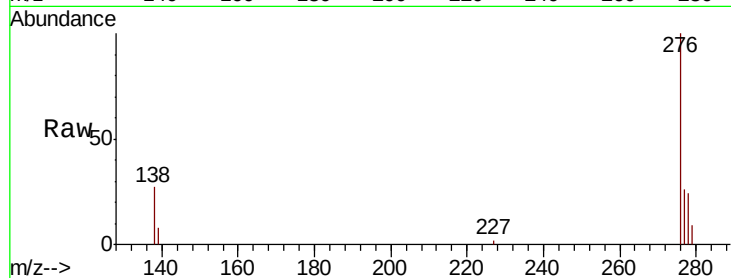
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.607 ng/ul
 RT: 25.38 min Scan# 6104
 Delta R.T. -0.01 min
 Lab File: BN009002.D
 Acq: 16 Dec 2019 17:19

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ5

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.4	33.6
227	0.0	0.2	0.4

Manual Integrations
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mohammad
 12/17/2019 5:34:55 AM

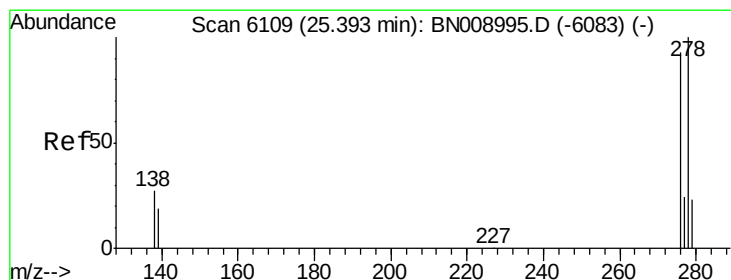
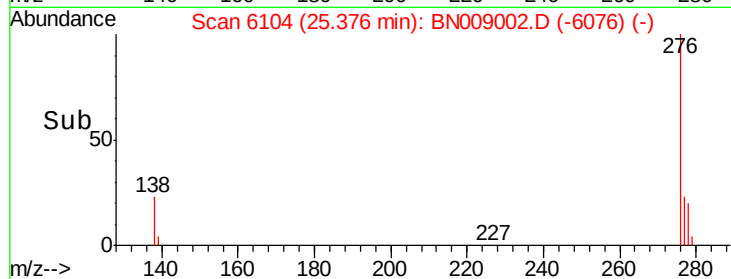
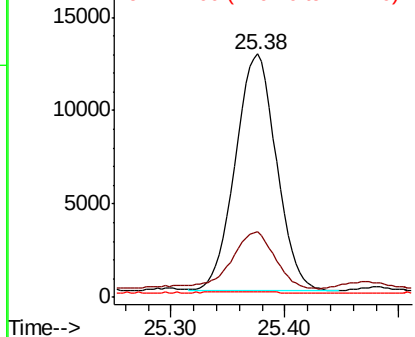


Abundance

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: 0.208 ng/ul
 RT: 25.38 min Scan# 6105
 Delta R.T. -0.01 min
 Lab File: BN009002.D
 Acq: 16 Dec 2019 17:19

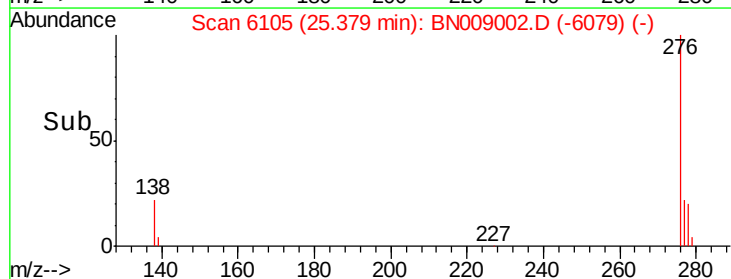
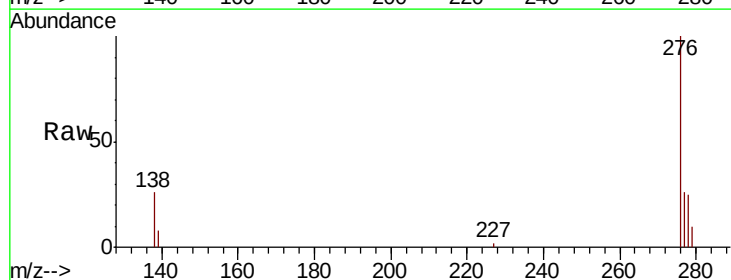
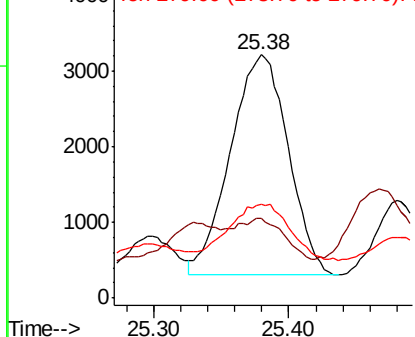
Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.8	16.2	24.2
279	38.7	20.3	30.5

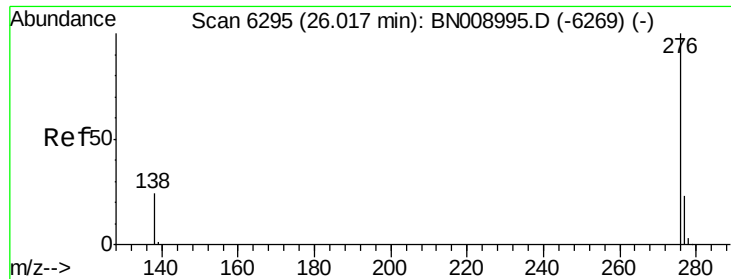
Abundance

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





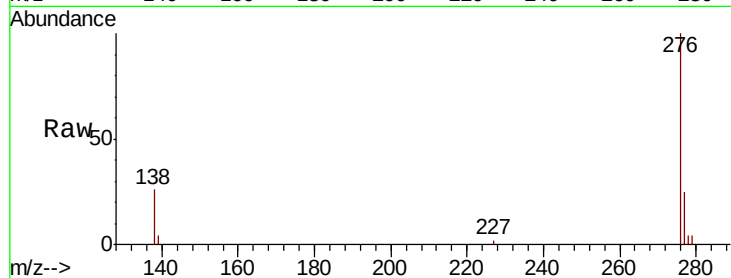
#26
 Benzo(a,h,i)perylene
 Concen: 0.706 ng/ul
 RT: 26.01 min Scan# 6294
 Delta R.T. -0.00 min
 Lab File: BN009002.D
 Acq: 16 Dec 2019 17:19

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ5

Tot Ion:	276	Resp:	31010
Ion Ratio	Lower	Upper	
276	100		
138	26.4	20.6	30.8
277	25.4	19.6	29.4

Manual Integrations
 APPROVED

mohammad
 12/17/2019 5:34:55 AM



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

