

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009215.D
 Acq On : 28 Dec 2019 04:05
 Operator : JU
 Sample : K6277-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C93

Manual Integrations
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 12/29/2019 5:31:38 PM

Quant Time: Dec 28 04:45:02 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 : Sat Dec 28 04:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2278	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8154	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4866	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9453	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	8033	0.40	ng/ul	0.00
20) Perylene-d12	23.23	264	8149	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2679	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	5666	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	17138	0.693	ng/ul	99
5) 2-Methylnaphthalene	11.93	142	21116	1.130	ng/ul	100
7) Acenaphthylene	13.86	152	1844	0.072	ng/ul#	58
8) Acenaphthene	14.20	153	627	0.031	ng/ul#	87
9) Fluorene	15.19	166	2046	0.086	ng/ul#	54
12) Phenanthrene	16.93	178	55321	1.683	ng/ul	95
13) Anthracene	17.02	178	3032m	0.103	ng/ul	
15) Fluoranthene	18.95	202	27181	0.723	ng/ul	95
17) Pyrene	19.32	202	24989	0.610	ng/ul	97
18) Benzo(a)anthracene	21.08	228	9931	0.278	ng/ul#	34
19) Chrysene	21.13	228	17505	0.488	ng/ul#	63
21) Benzo(b)fluoranthene	22.59	252	17358m	0.456	ng/ul	
22) Benzo(k)fluoranthene	22.63	252	4495m	0.117	ng/ul	
23) Benzo(a)pyrene	23.13	252	7750	0.232	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.33	276	6437	0.177	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.33	278	2597	0.090	ng/ul#	1
26) Benzo(a,h,i)perylene	25.97	276	9222	0.301	ng/ul#	31

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

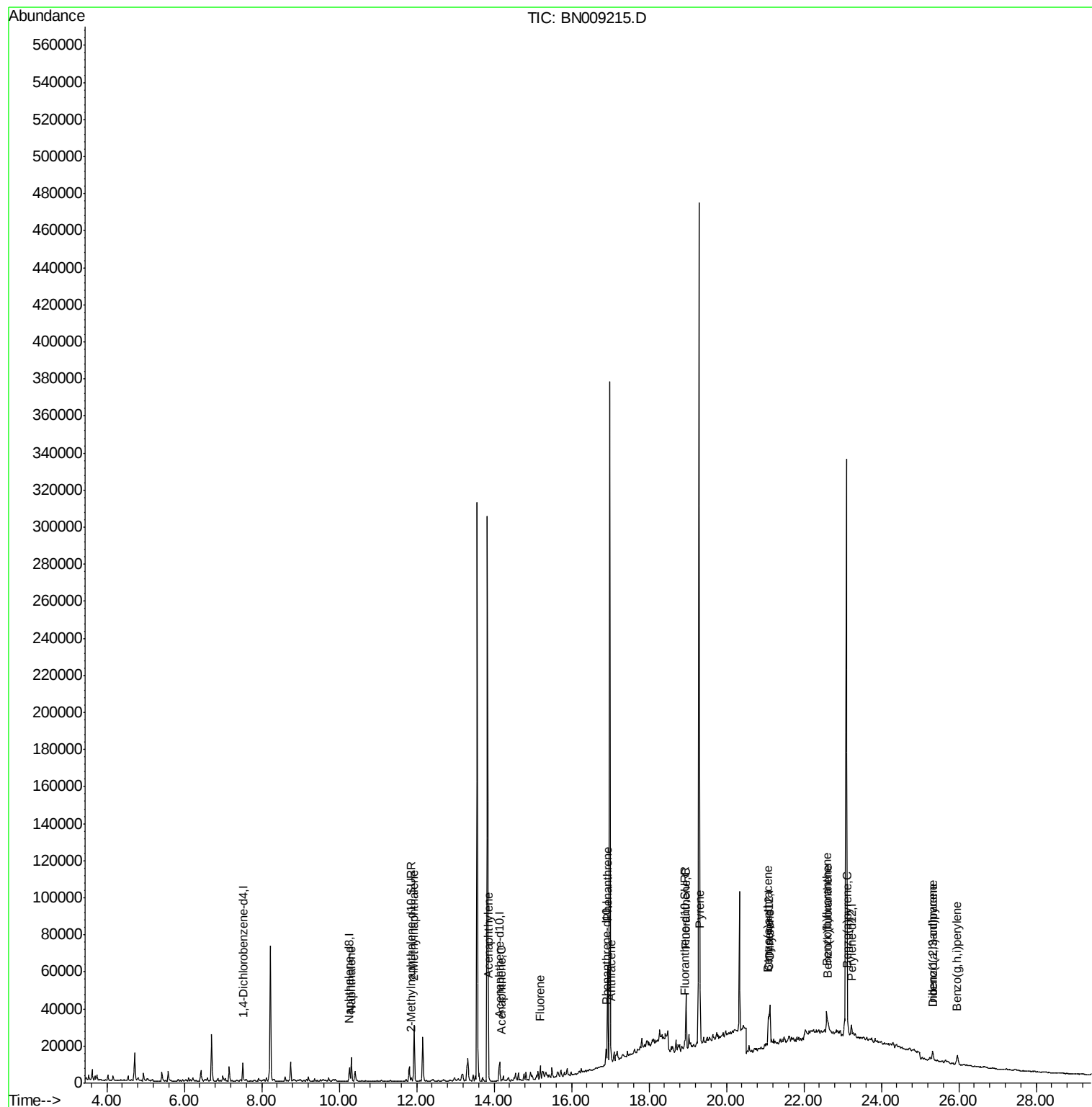
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

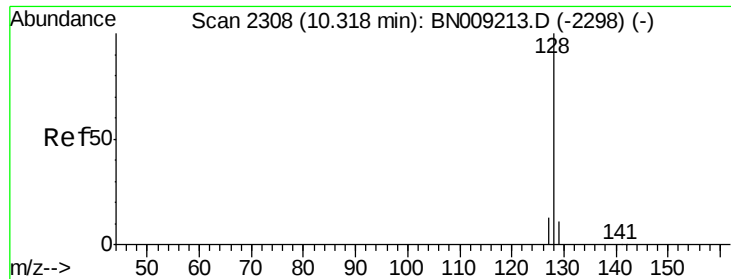
Instrument :
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Quant Time: Dec 28 04:45:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 28 04:39:07 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.693 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

Instrument :

BNA_N

ClientSampleId :

C0C93

Tot Ion:128 Resp: 17138

Ion Ratio Lower Upper

128 100

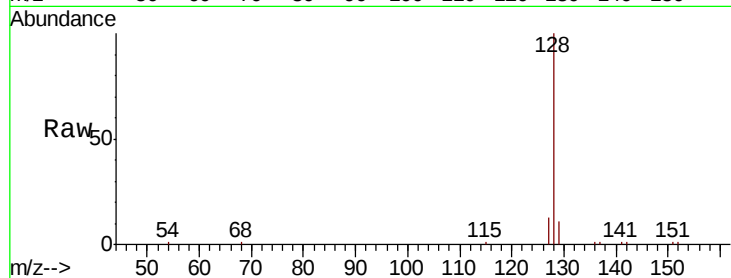
129 11.3 9.0 13.4

127 13.3 10.9 16.3

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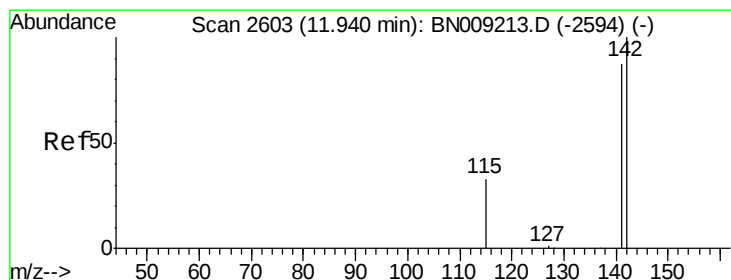
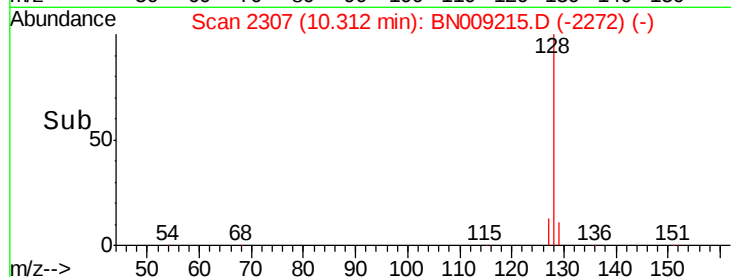
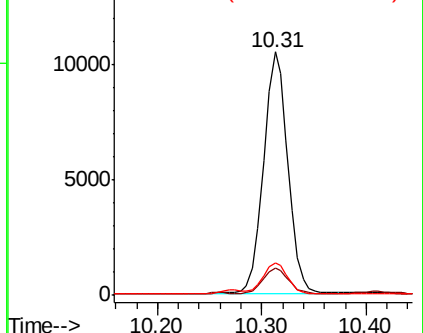
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.130 ng/ul

RT: 11.93 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BN009215.D

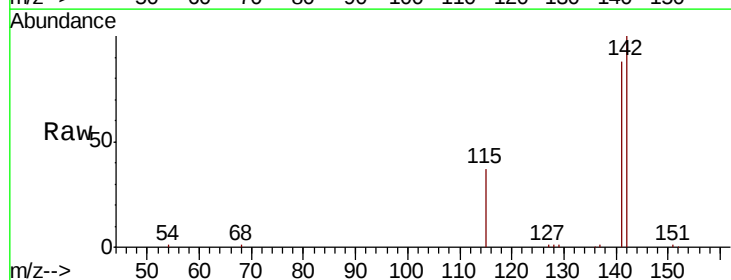
Acq: 28 Dec 2019 04:05

Tgt Ion:142 Resp: 21116

Ion Ratio Lower Upper

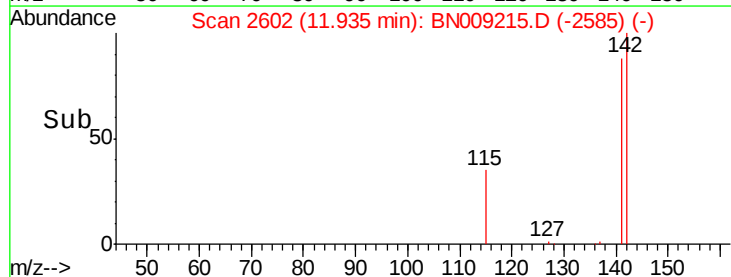
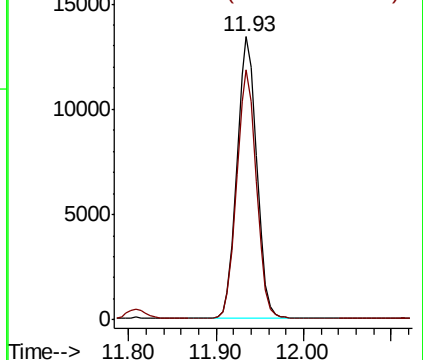
142 100

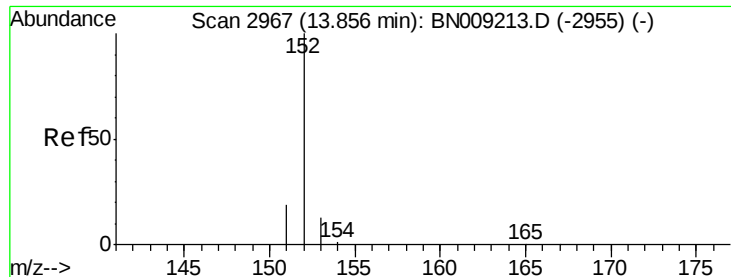
141 87.7 70.2 105.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.072 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. 0.00 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

Instrument :

BNA_N

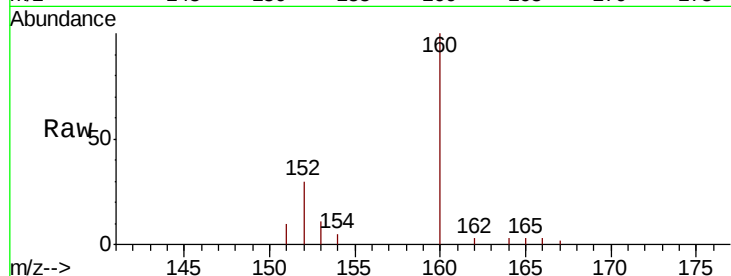
ClientSampleId :

C0C93

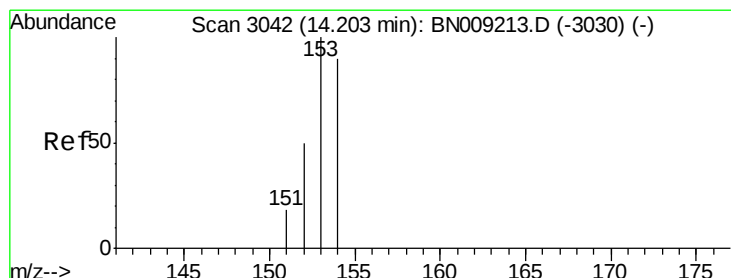
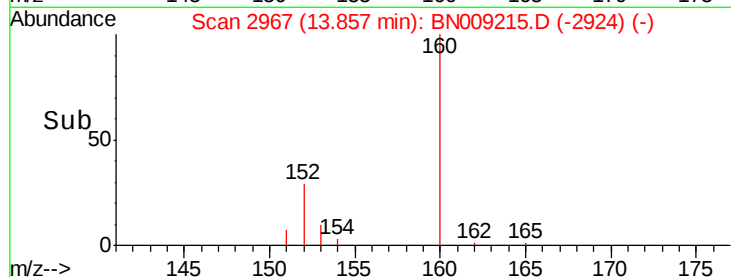
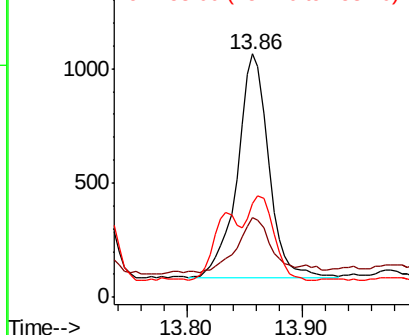
Tot Ion:	152	Resp:	1844
Ion Ratio	Lower	Upper	
152	100		
151	32.7	15.7	23.5#
153	38.5	10.8	16.2#

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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: 0.031 ng/ul

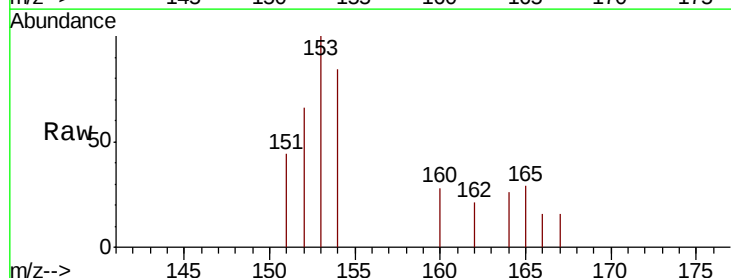
RT: 14.20 min Scan# 3042

Delta R.T. 0.00 min

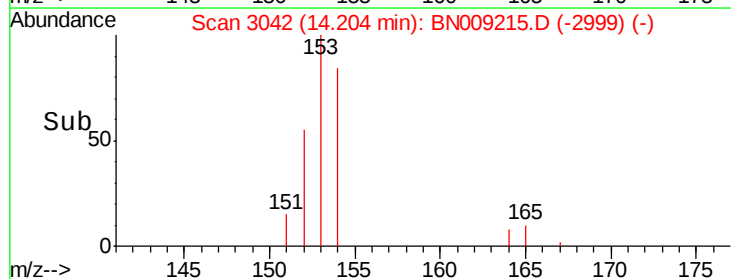
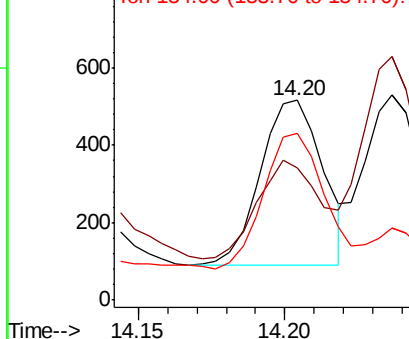
Lab File: BN009215.D

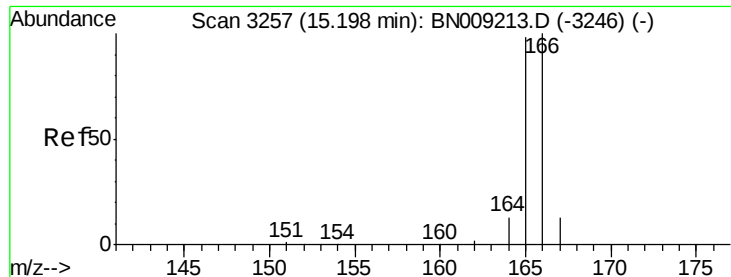
Acq: 28 Dec 2019 04:05

Tgt Ion:	153	Resp:	627
Ion Ratio	Lower	Upper	
153	100		
152	66.3	39.5	59.3#
154	83.6	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: 0.086 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

Instrument :

BNA_N

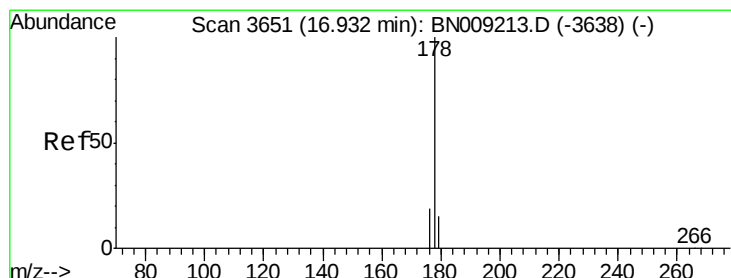
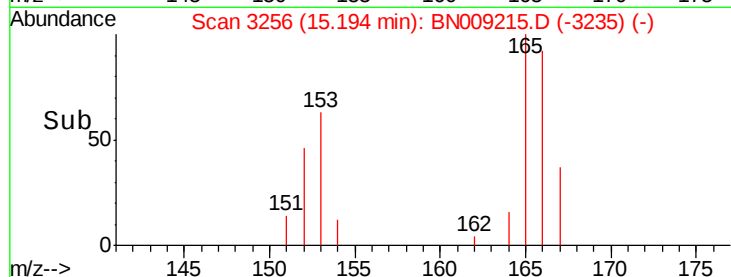
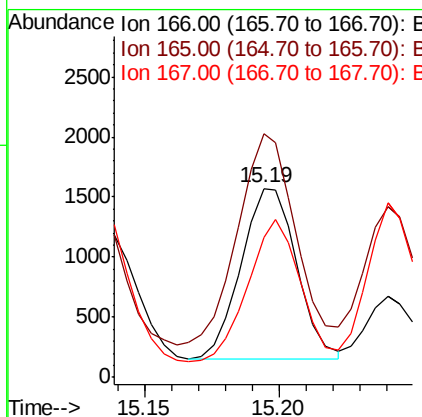
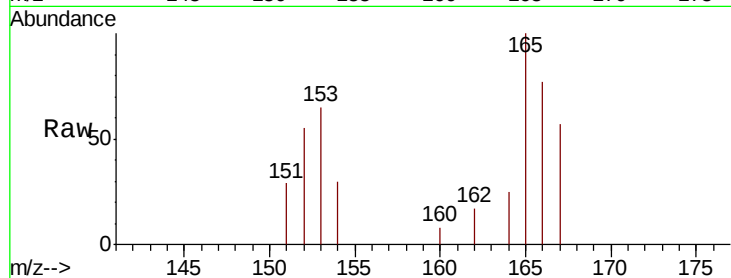
ClientSampleId :

C0C93

Tot Ion	Ratio	Lower	Upper
166	100		
165	129.0	78.2	117.4#
167	73.8	11.0	16.6#

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#12

Phenanthrene

Concen: 1.683 ng/ul

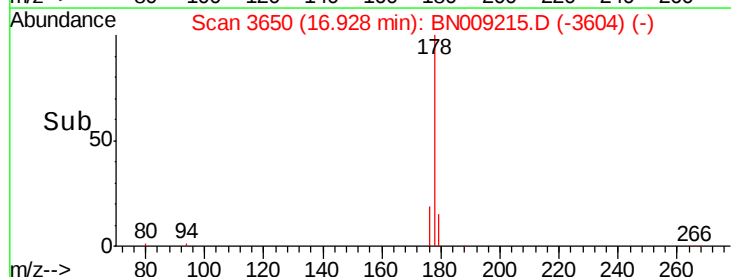
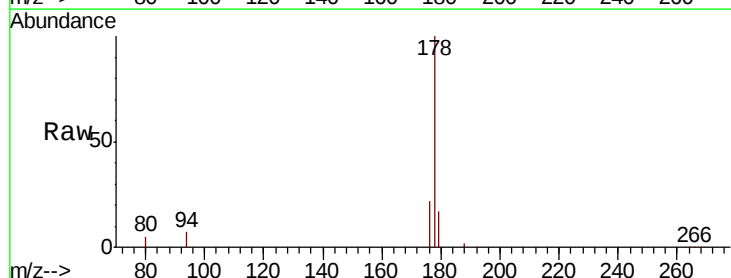
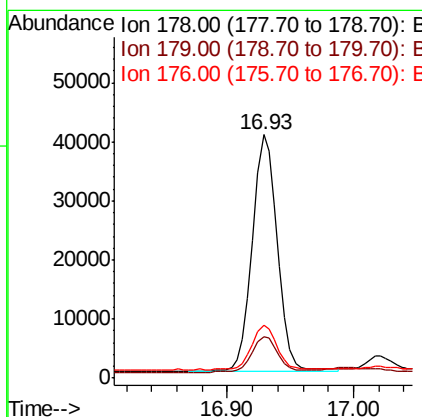
RT: 16.93 min Scan# 3650

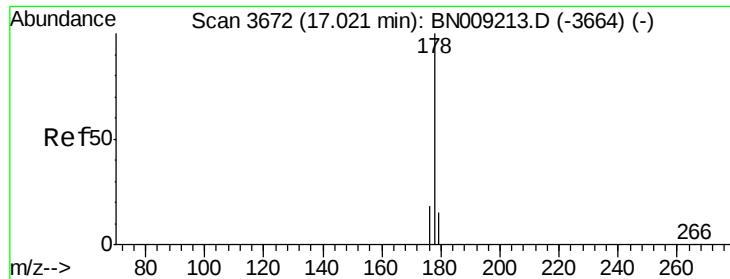
Delta R.T. -0.00 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.3	18.5
176	21.6	15.1	22.7





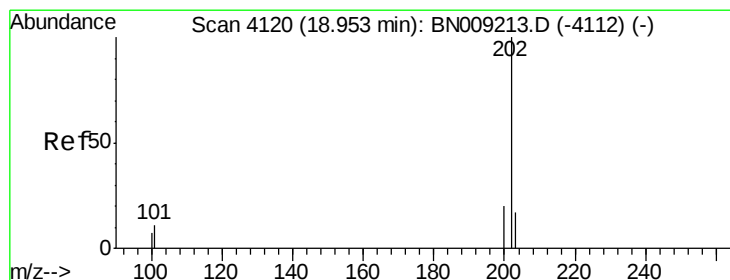
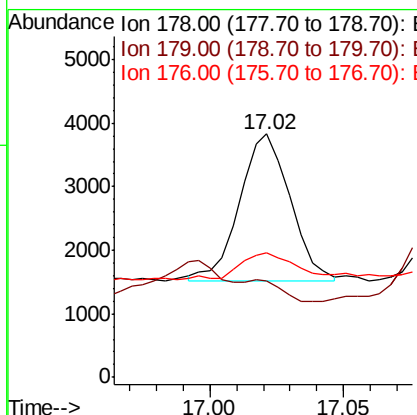
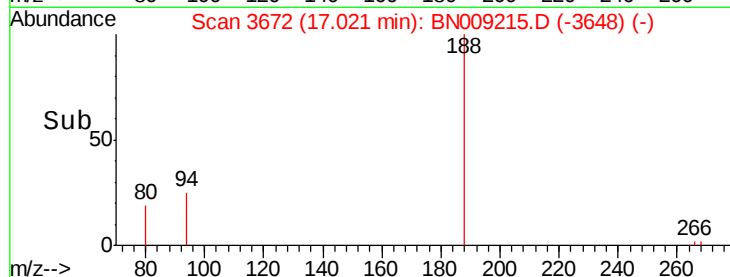
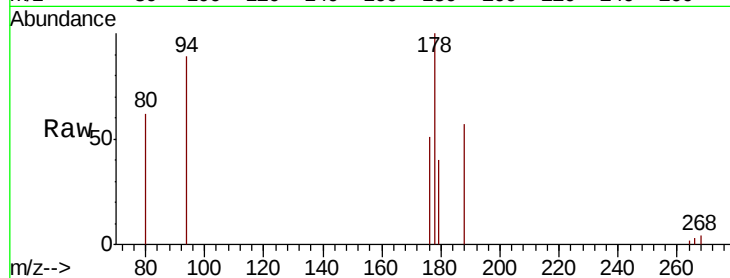
#13
 Anthracene
 Concen: 0.103 ng/ul m
 RT: 17.02 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BN009215.D
 Acq: 28 Dec 2019 04:05

Instrument :
 BNA_N
 ClientSampleId :
 C0C93

Tot Ion:178 Resp: 3032
 Ion Ratio Lower Upper
 178 100
 179 39.8 12.5 18.7#
 176 51.4 14.9 22.3#

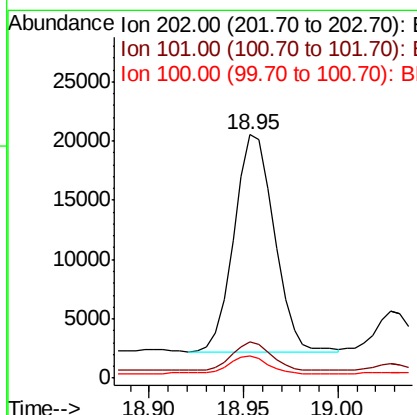
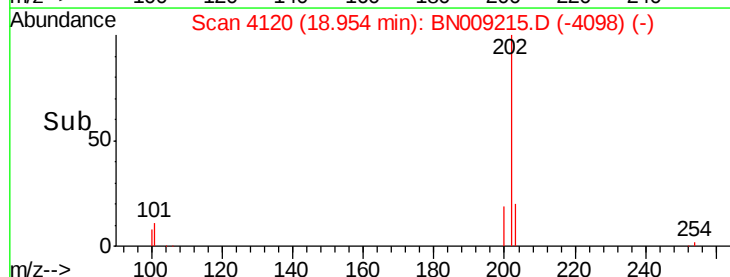
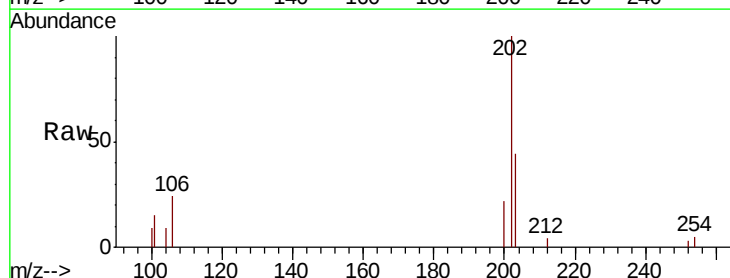
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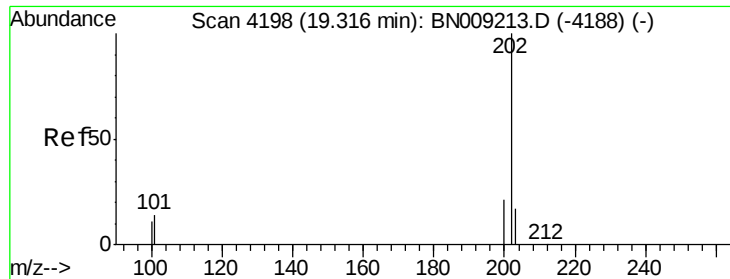
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#15
 Fluoranthene
 Concen: 0.723 ng/ul
 RT: 18.95 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: BN009215.D
 Acq: 28 Dec 2019 04:05

Tgt Ion:202 Resp: 27181
 Ion Ratio Lower Upper
 202 100
 101 14.7 0.0 31.5
 100 9.2 0.0 28.9





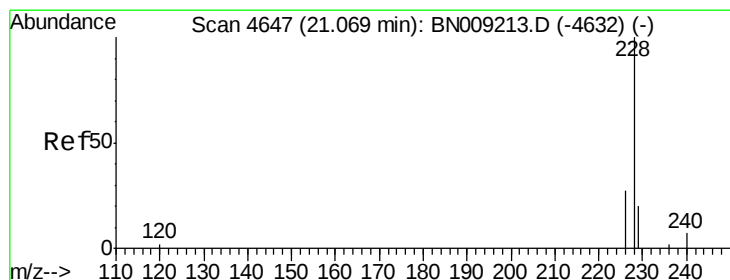
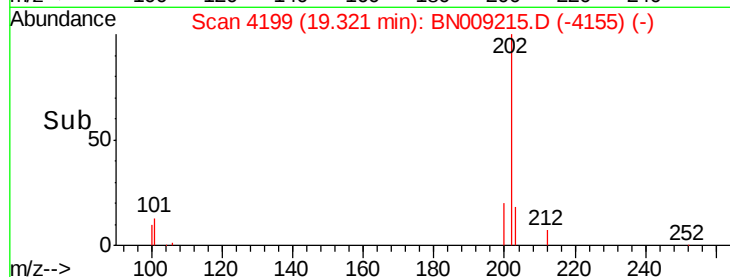
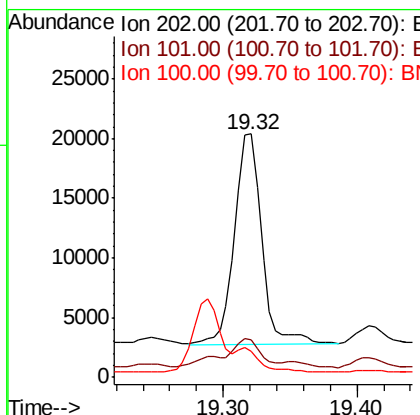
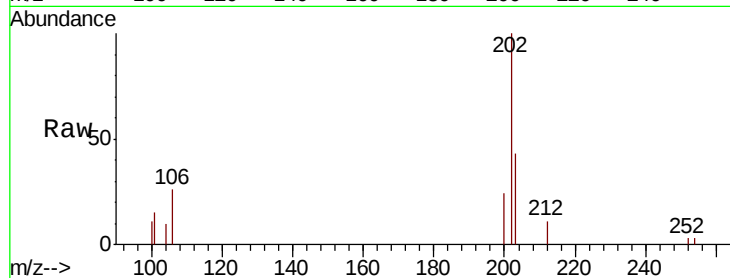
#17
Pvrene
Concen: 0.610 ng/ul
RT: 19.32 min Scan# 4199
Delta R.T. 0.01 min
Lab File: BN009215.D
Acq: 28 Dec 2019 04:05

Instrument :
BNA_N
ClientSampleId :
C0C93

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.9	16.3
100	10.9	9.0	13.6

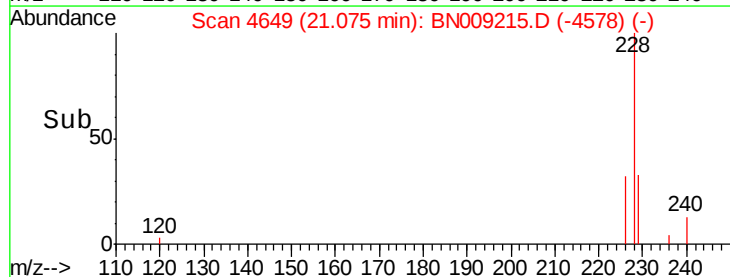
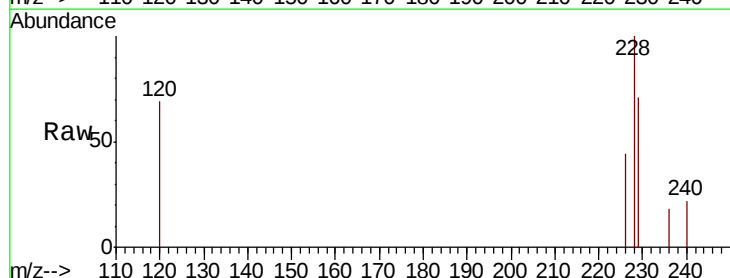
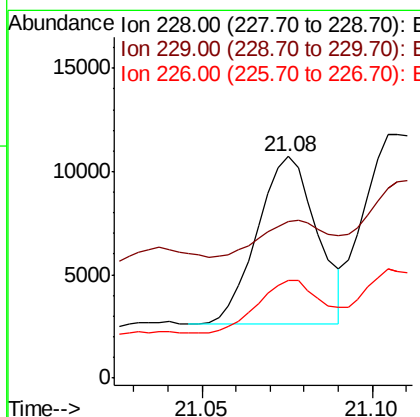
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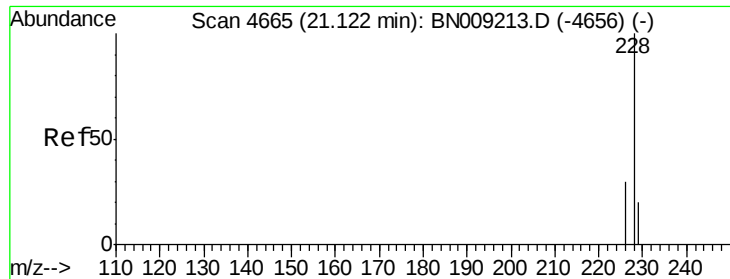
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#18
Benzo(a)anthracene
Concen: 0.278 ng/ul
RT: 21.08 min Scan# 4649
Delta R.T. 0.01 min
Lab File: BN009215.D
Acq: 28 Dec 2019 04:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	70.7	15.5	23.3#
226	43.8	21.7	32.5#





#19

Chrysene

Concen: 0.488 ng/ul

RT: 21.13 min Scan# 4667

Delta R.T. 0.01 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

Instrument :

BNA_N

ClientSampleId :

C0C93

Tot Ion:228 Resp: 17505

Ion Ratio Lower Upper

228 100

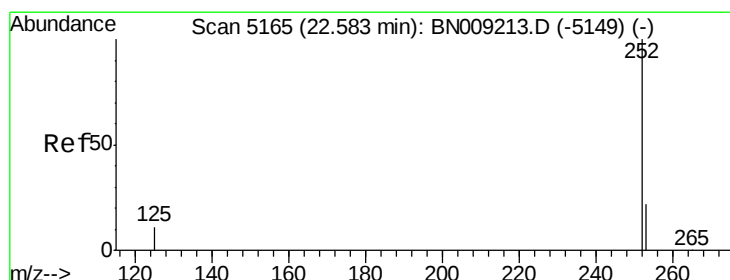
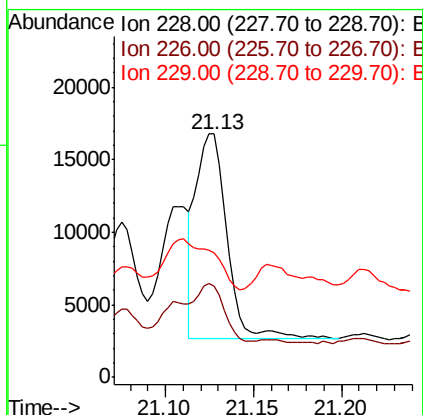
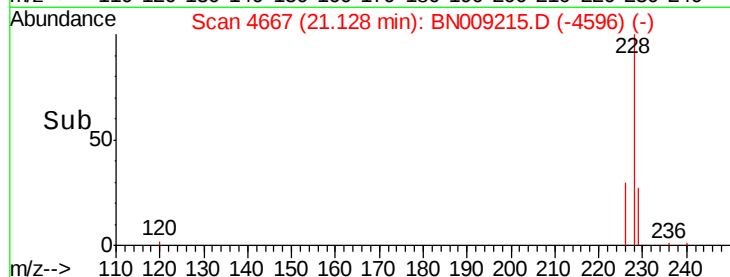
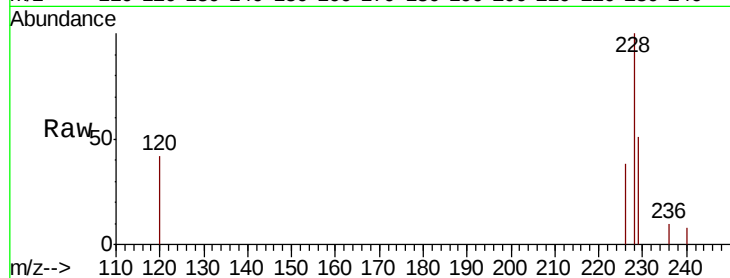
226 37.5 23.7 35.5#

229 51.2 15.4 23.0#

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#21

Benzo(b)fluoranthene

Concen: 0.456 ng/ul m

RT: 22.59 min Scan# 5168

Delta R.T. 0.01 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

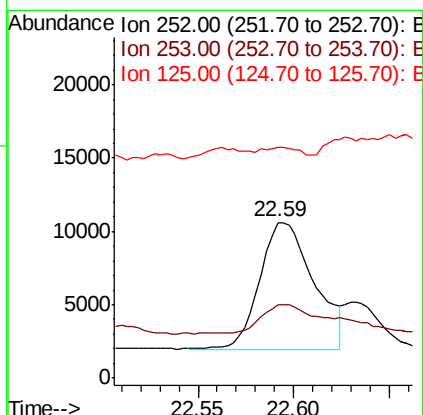
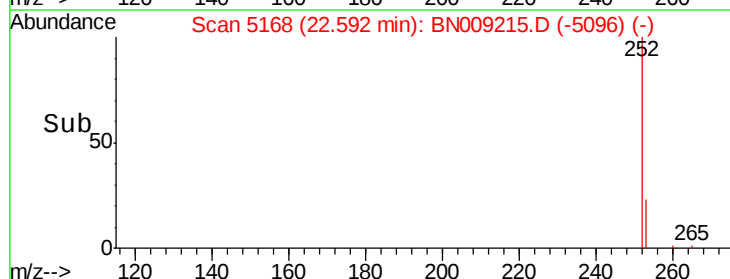
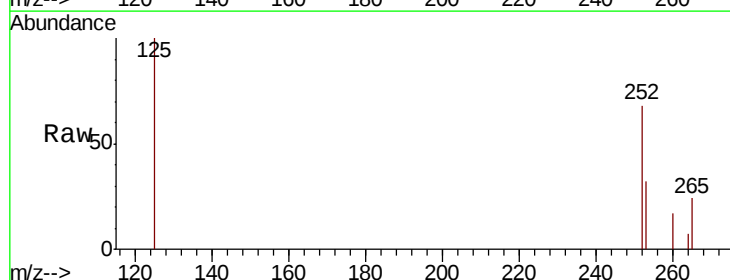
Tgt Ion:252 Resp: 17358

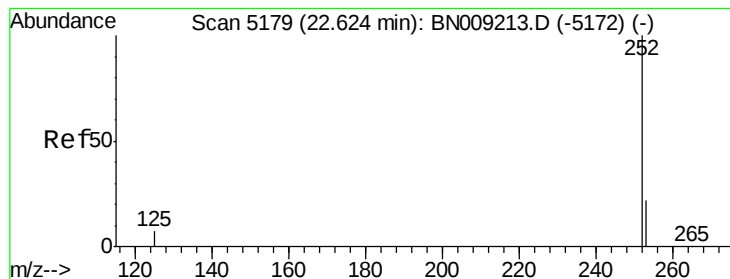
Ion Ratio Lower Upper

252 100

253 47.0 0.0 48.2

125 148.1 0.0 30.0#





#22

Benzo(k)fluoranthene

Concen: 0.117 ng/ul m

RT: 22.63 min Scan# 5182

Delta R.T. 0.01 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

Instrument :

BNA_N

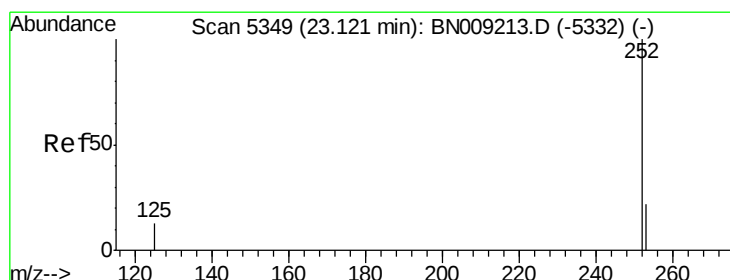
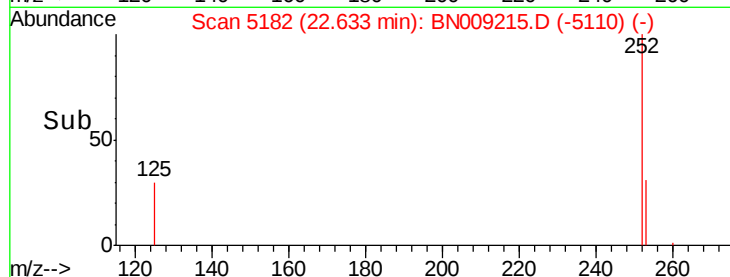
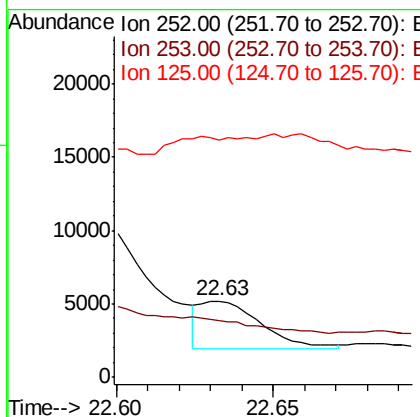
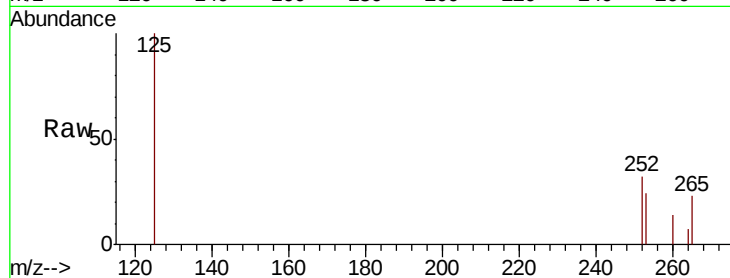
ClientSampleId :

C0C93

Tot Ion	Ratio	Lower	Upper
252	100		
253	73.9	19.4	29.0#
125	311.7	12.4	18.6#

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#23

Benzo(a)pyrene

Concen: 0.232 ng/ul

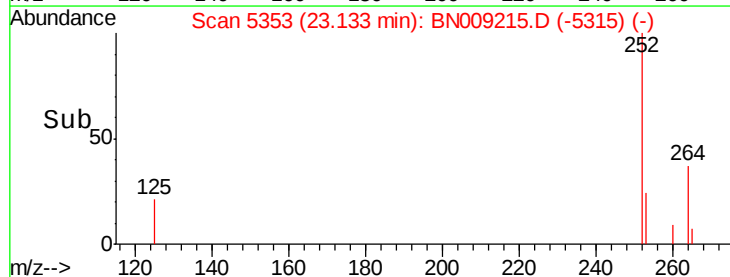
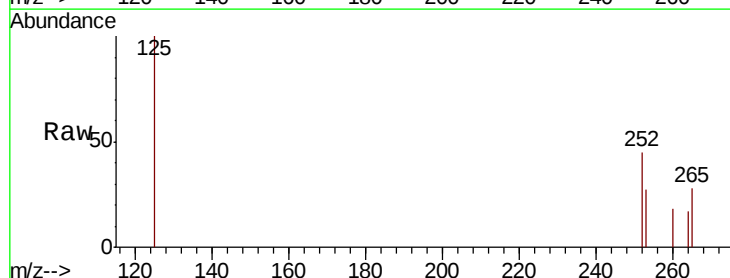
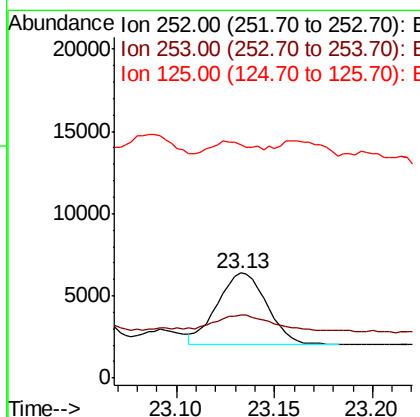
RT: 23.13 min Scan# 5353

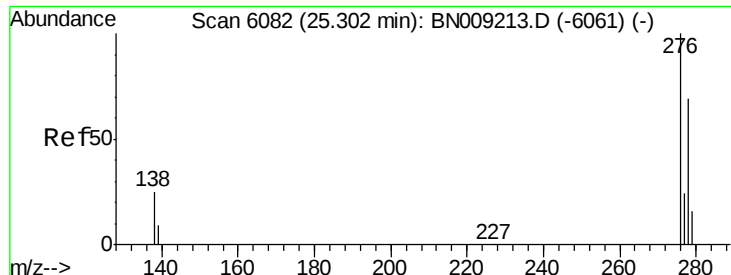
Delta R.T. 0.01 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	60.2	20.2	30.4#
125	222.9	13.2	19.8#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.177 ng/uL

RT: 25.33 min Scan# 6089

Delta R.T. 0.02 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

Instrument :

BNA_N

ClientSampleId :

C0C93

Tot Ion:276 Resp: 6437

Ion Ratio Lower Upper

276 100

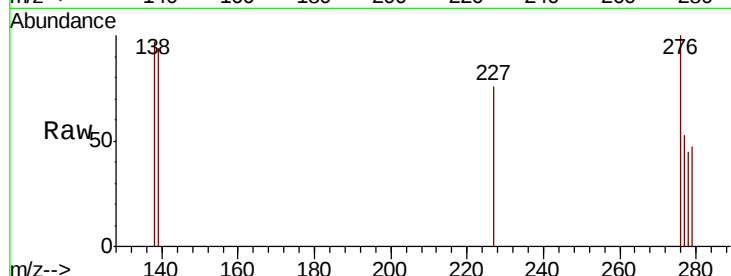
138 17.2 22.4 33.6#

227 7.8 0.2 0.4#

Manual Integrations
APPROVED

mohammad

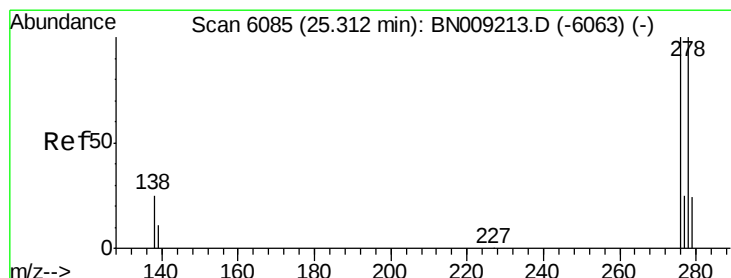
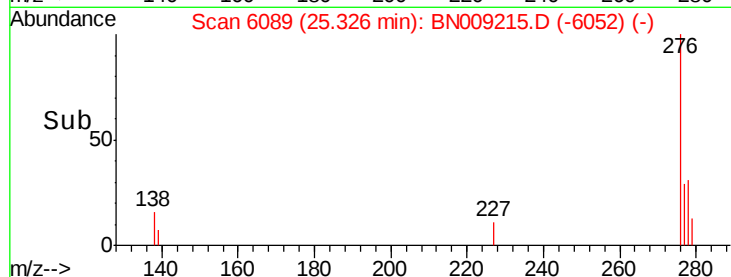
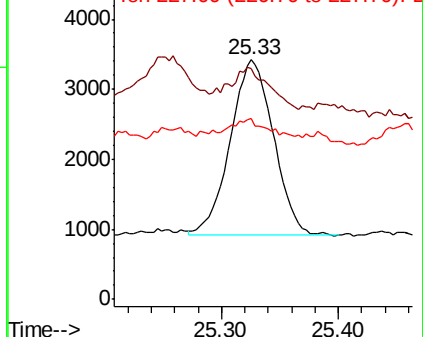
12/29/2019 5:31:38 PM



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: 0.090 ng/uL

RT: 25.33 min Scan# 6089

Delta R.T. 0.01 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

Tgt Ion:278 Resp: 2597

Ion Ratio Lower Upper

278 100

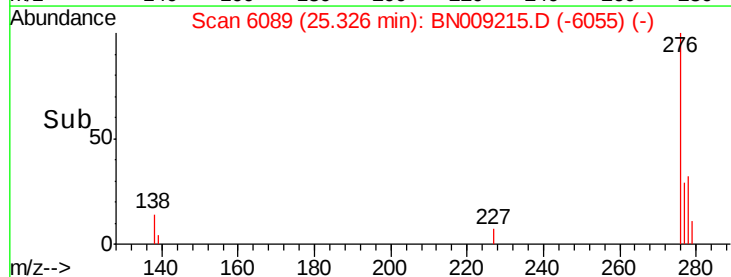
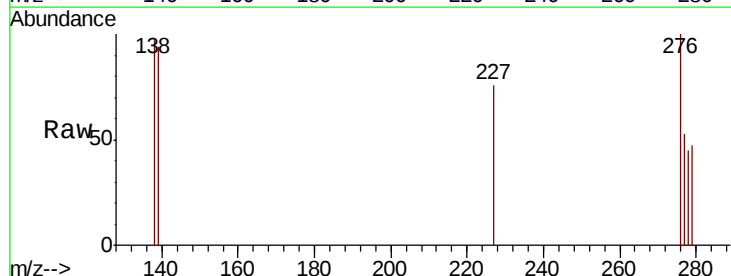
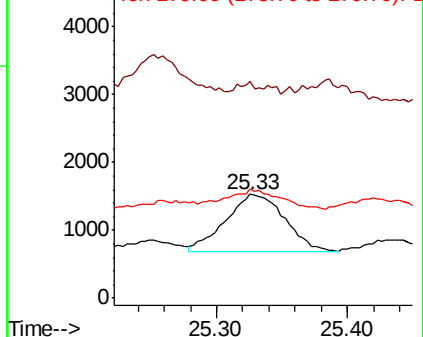
139 209.6 16.2 24.2#

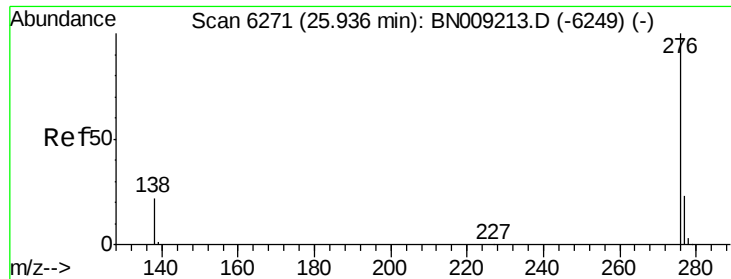
279 104.8 20.3 30.5#

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: 0.301 ng/ul

RT: 25.97 min Scan# 6280

Delta R.T. 0.03 min

Lab File: BN009215.D

Acq: 28 Dec 2019 04:05

Instrument :

BNA_N

ClientSampleId :

C0C93

Tot Ion: 276 Resp: 9222

Ion Ratio Lower Upper

276 100

138 73.7 20.6 30.8#

277 45.2 19.6 29.4#

Manual Integrations

APPROVED

mohammad

12/29/2019 5:31:38 PM

