

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123119\
 Data File : BN009279.D
 Acq On : 31 Dec 2019 13:48
 Operator : JU
 Sample : K6308-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C56

Manual Integrations
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Quant Time: Dec 31 14:26:25 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 : Tue Dec 31 11:02:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2223	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	7922	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	4195	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	8181	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	6394	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	6489	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2058	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	3840	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	1341	0.056	ng/ul#	87
5) 2-Methylnaphthalene	11.93	142	1287	0.071	ng/ul	97
7) Acenaphthylene	13.85	152	4766	0.216	ng/ul	96
8) Acenaphthene	14.20	153	446	0.026	ng/ul#	92
9) Fluorene	15.19	166	816	0.040	ng/ul#	95
12) Phenanthrene	16.92	178	17949	0.631	ng/ul	99
13) Anthracene	17.02	178	4895	0.192	ng/ul	97
15) Fluoranthene	18.95	202	66292	2.037	ng/ul	100
17) Pyrene	19.31	202	57984	1.778	ng/ul	100
18) Benzo(a)anthracene	21.07	228	27225	0.959	ng/ul	97
19) Chrysene	21.12	228	36004	1.262	ng/ul	98
21) Benzo(b)fluoranthene	22.59	252	56718m	1.872	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	20578m	0.674	ng/ul	
23) Benzo(a)pyrene	23.12	252	33181	1.250	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.30	276	27474	0.950	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.31	278	5893	0.256	ng/ul#	91
26) Benzo(a,h,i)perylene	25.93	276	28215	1.158	ng/ul	99

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

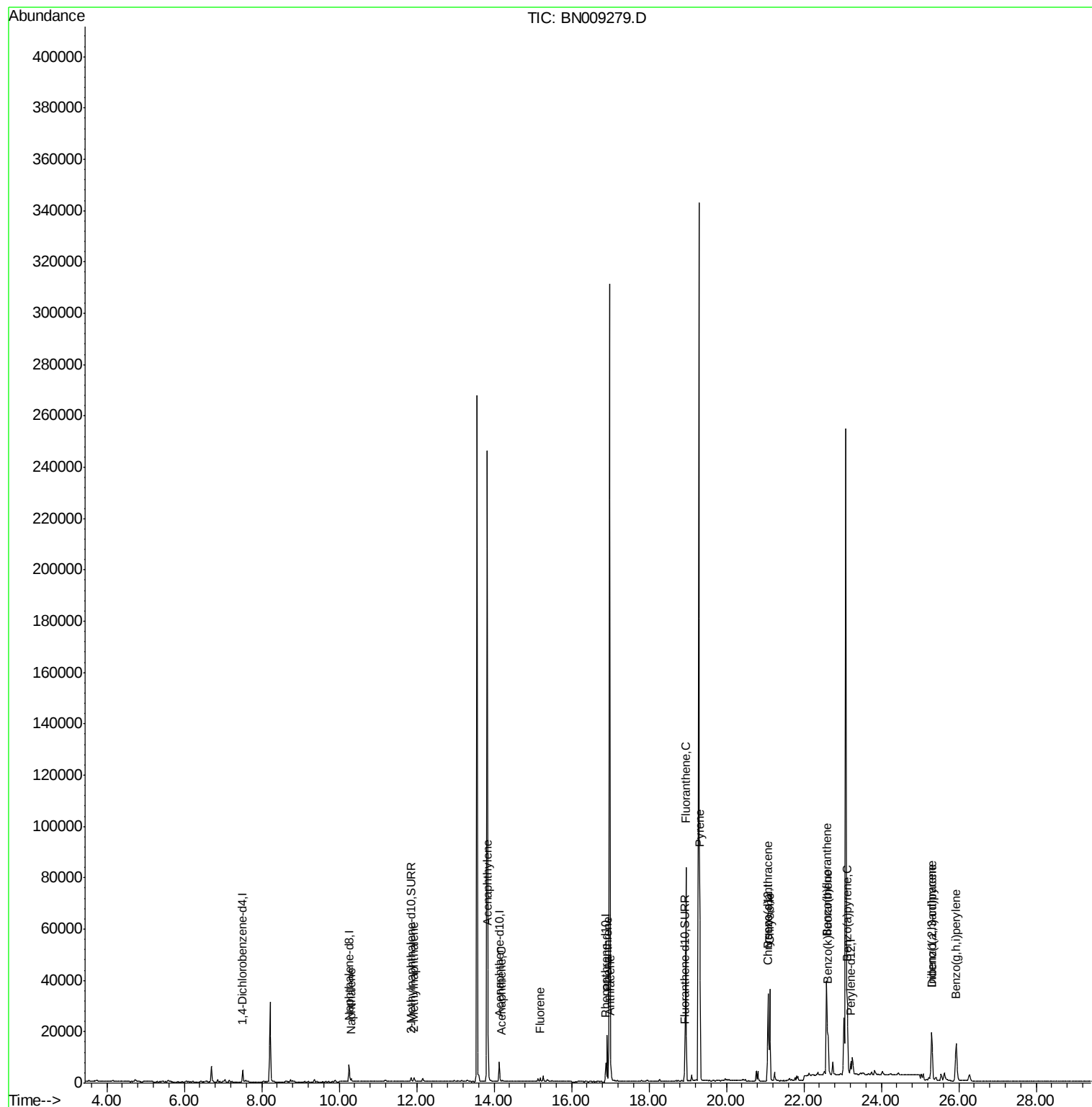
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123119\
Data File : BN009279.D
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Sample : K6308-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

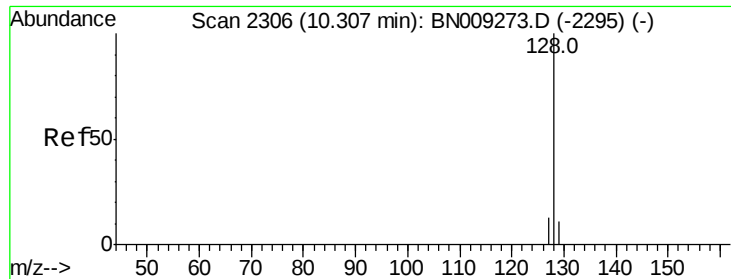
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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QLast Update : Tue Dec 31 11:02:23 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.056 ng/ul

RT: 10.31 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BN009279.D

Acq: 31 Dec 2019 13:48

Instrument :

BNA_N

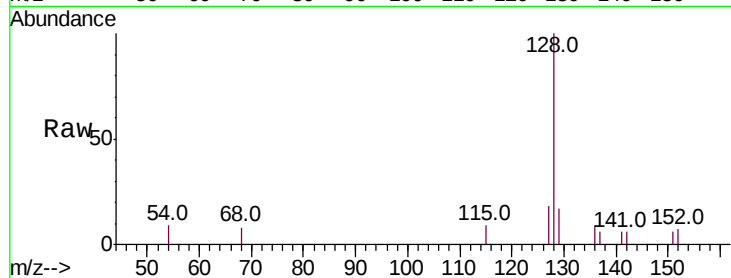
ClientSampleId :

C0C56

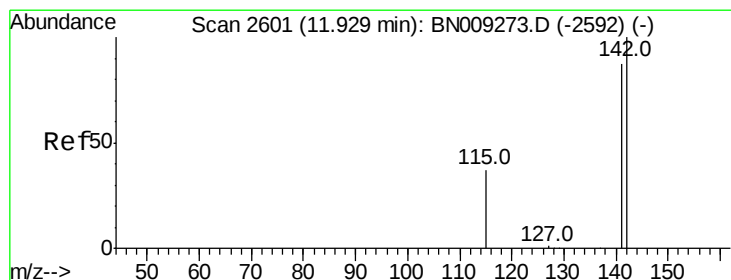
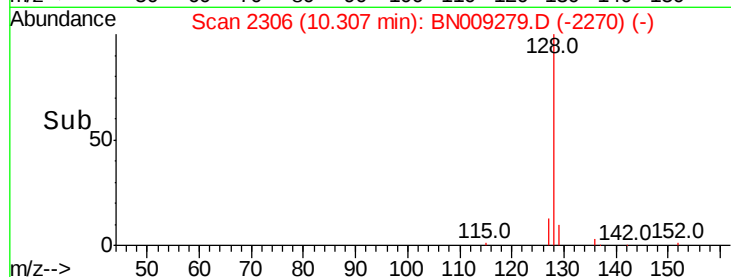
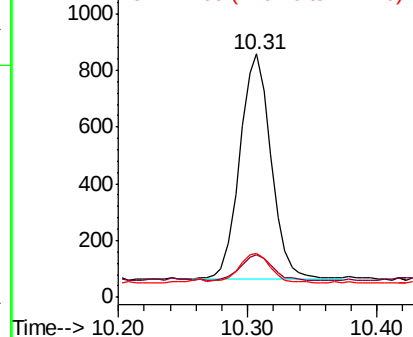
Tot Ion:128	Resp:	1341
Ion Ratio	Lower	Upper
128	100	
129	17.4	9.0 13.4#
127	17.8	10.9 16.3#

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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: 0.071 ng/ul

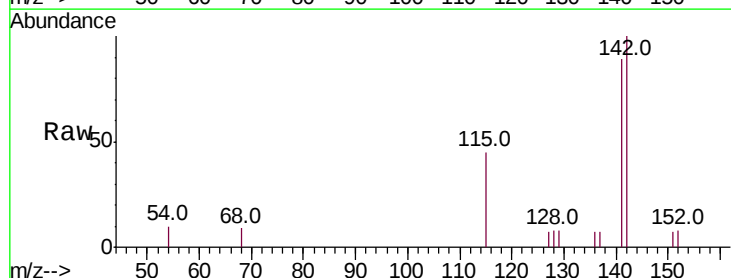
RT: 11.93 min Scan# 2601

Delta R.T. 0.00 min

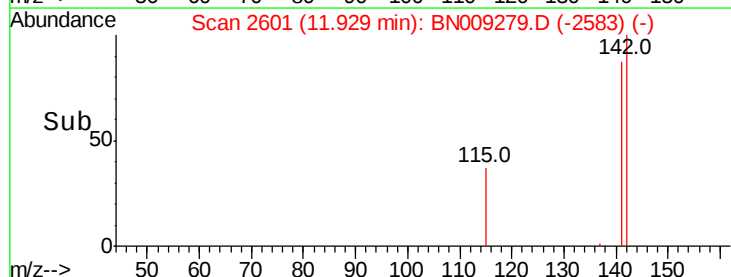
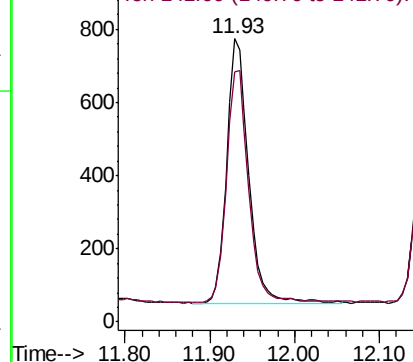
Lab File: BN009279.D

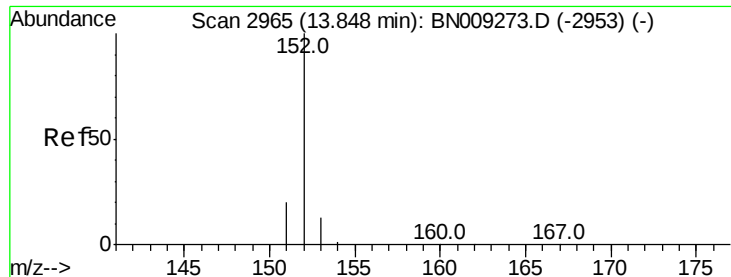
Acq: 31 Dec 2019 13:48

Tgt Ion:142	Resp:	1287
Ion Ratio	Lower	Upper
142	100	
141	90.2	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: 0.216 ng/ul

RT: 13.85 min Scan# 2965

Delta R.T. 0.00 min

Lab File: BN009279.D

Acq: 31 Dec 2019 13:48

Instrument :

BNA_N

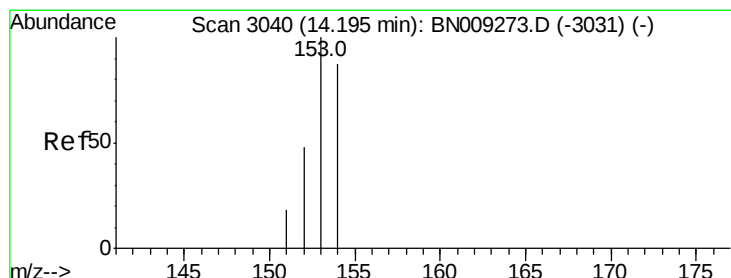
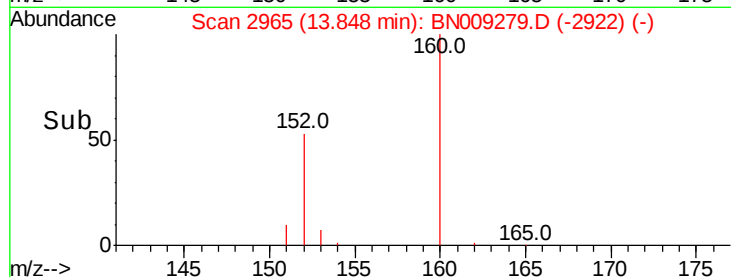
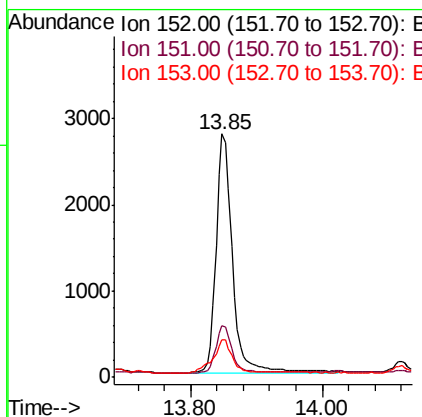
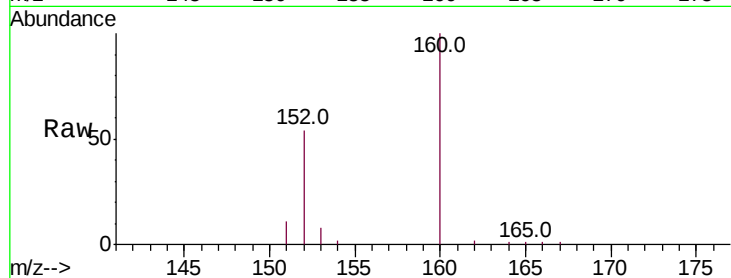
ClientSampleId :

C0C56

Tot Ion:	152	Resp:	4766
Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.7	23.5
153	15.2	10.8	16.2

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#8

Acenaphthene

Concen: 0.026 ng/ul

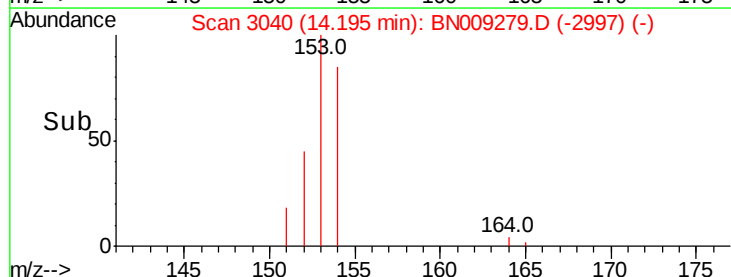
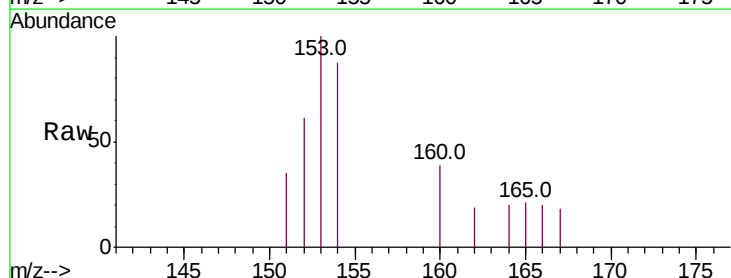
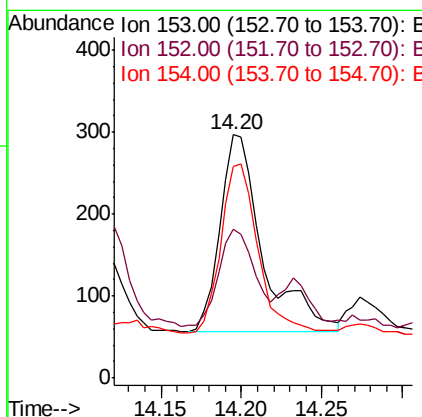
RT: 14.20 min Scan# 3040

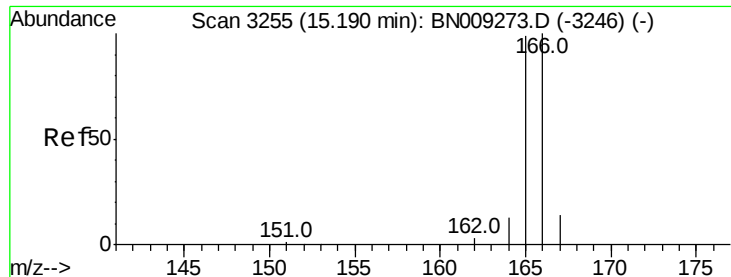
Delta R.T. 0.00 min

Lab File: BN009279.D

Acq: 31 Dec 2019 13:48

Tgt Ion:	153	Resp:	446
Ion	Ratio	Lower	Upper
153	100		
152	60.9	39.5	59.3#
154	86.9	71.3	106.9





#9

Fluorene

Concen: 0.040 ng/ul

RT: 15.19 min Scan# 3255

Delta R.T. 0.00 min

Lab File: BN009279.D

Acq: 31 Dec 2019 13:48

Instrument :

BNA_N

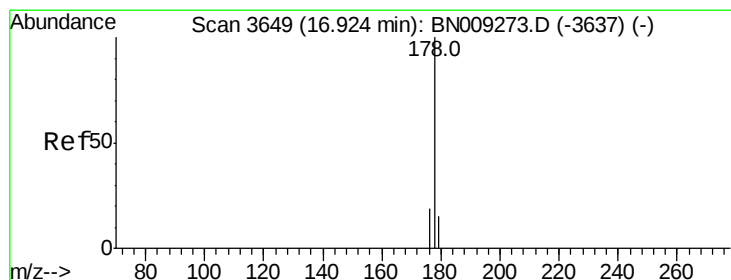
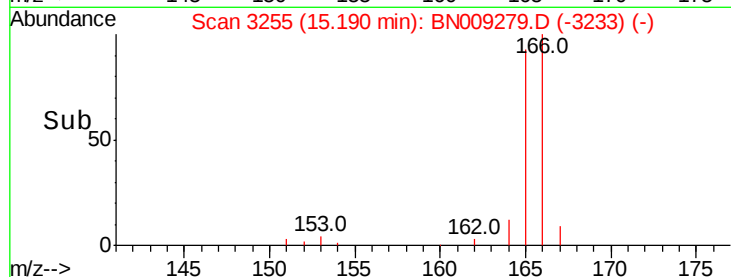
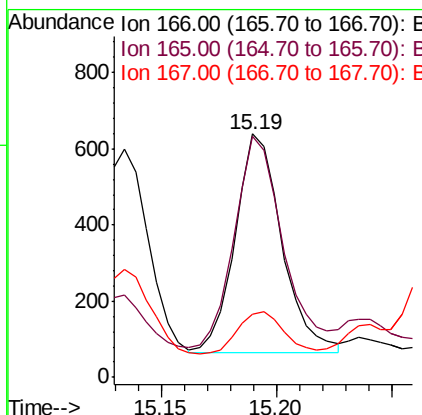
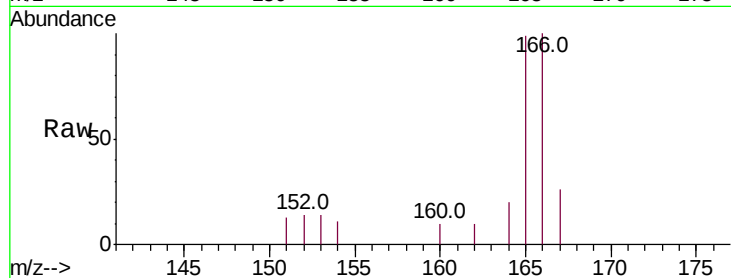
ClientSampled :

C0C56

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.2	117.4
167	26.1	11.0	16.6#

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#12

Phenanthrene

Concen: 0.631 ng/ul

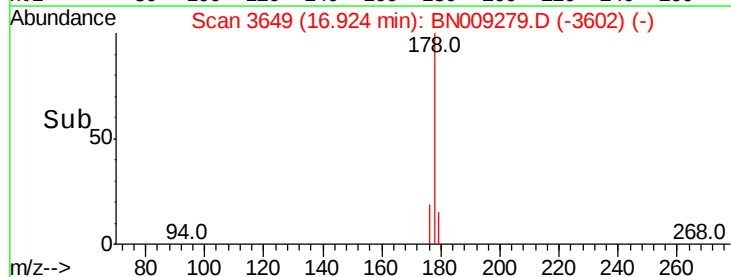
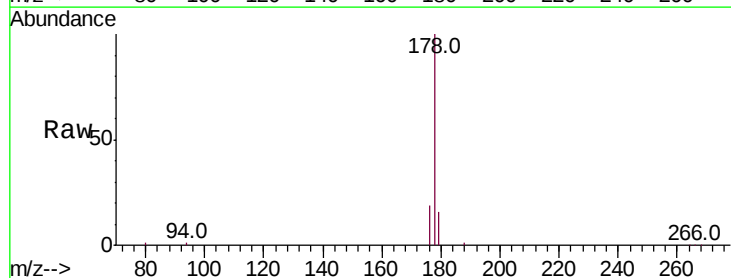
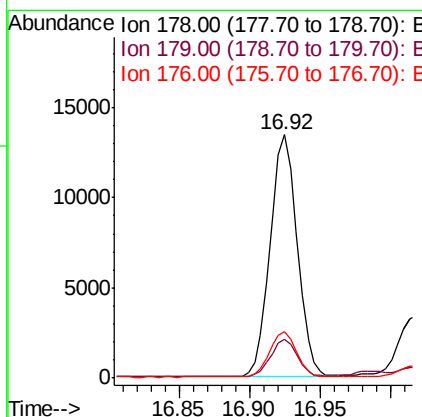
RT: 16.92 min Scan# 3649

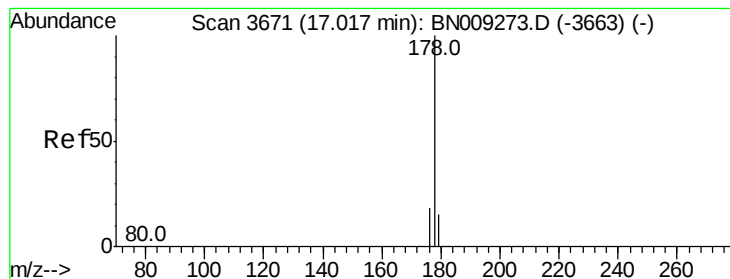
Delta R.T. 0.00 min

Lab File: BN009279.D

Acq: 31 Dec 2019 13:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.9	15.1	22.7





#13

Anthracene

Concen: 0.192 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BN009279.D

Acq: 31 Dec 2019 13:48

Instrument :

BNA_N

ClientSampleId :

C0C56

Tot Ion:178 Resp: 4895

Ion Ratio Lower Upper

178 100

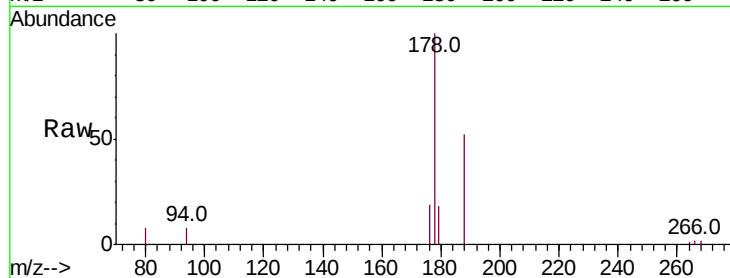
179 17.5 12.5 18.7

176 19.2 14.9 22.3

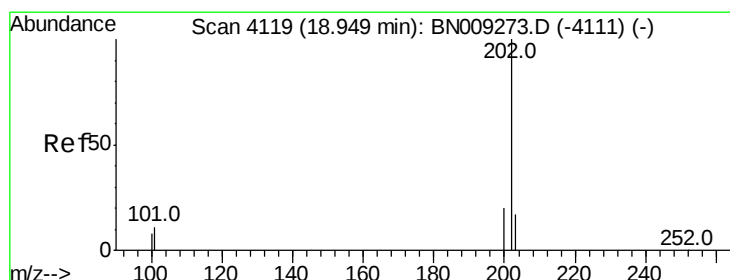
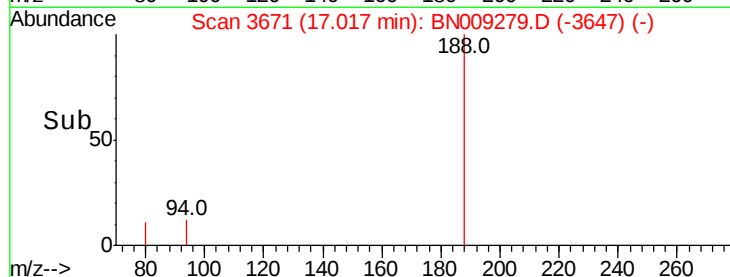
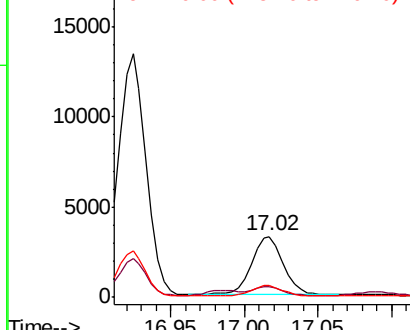
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 2.037 ng/ul

RT: 18.95 min Scan# 4119

Delta R.T. 0.00 min

Lab File: BN009279.D

Acq: 31 Dec 2019 13:48

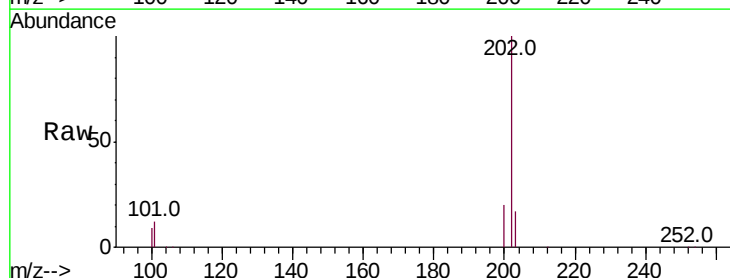
Tgt Ion:202 Resp: 66292

Ion Ratio Lower Upper

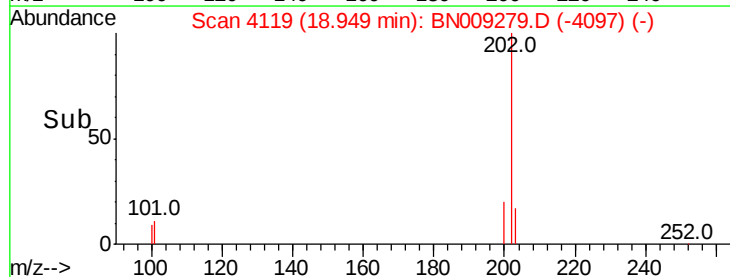
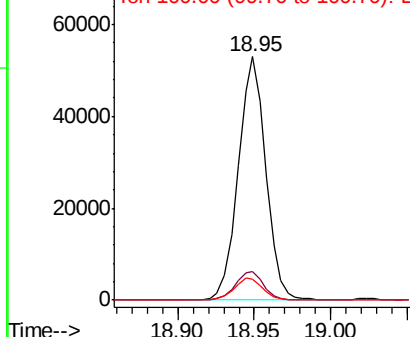
202 100

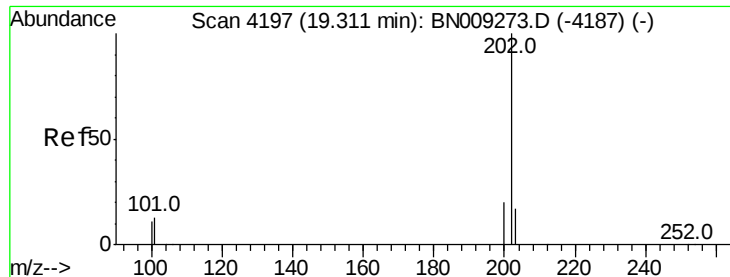
101 11.5 0.0 31.5

100 8.6 0.0 28.9



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





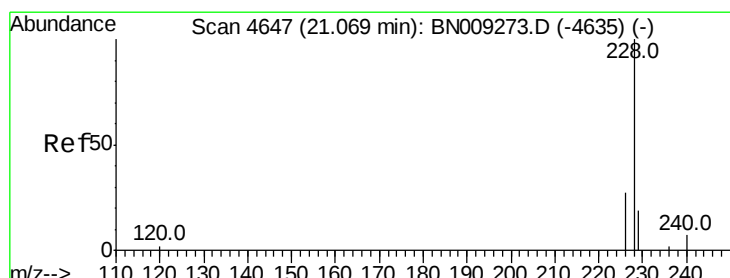
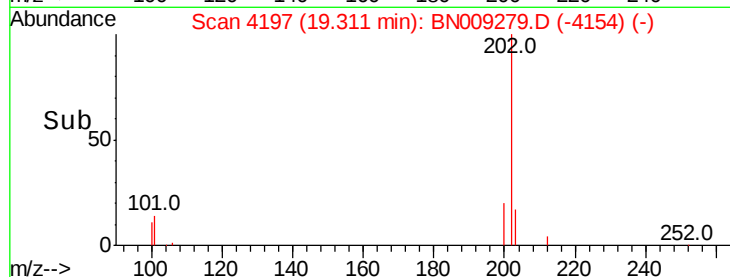
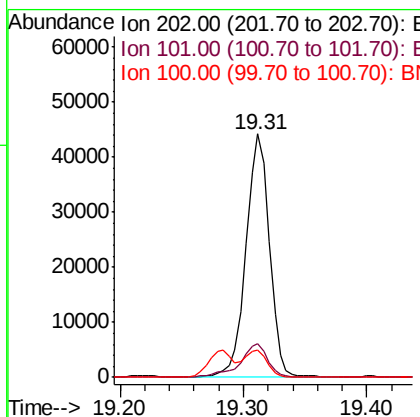
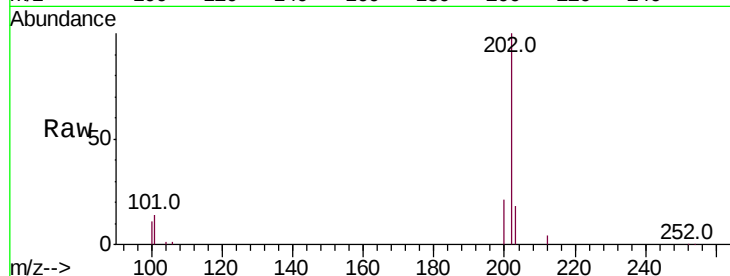
#17
Pvrene
Concen: 1.778 ng/ul
RT: 19.31 min Scan# 4197
Delta R.T. 0.00 min
Lab File: BN009279.D
Acq: 31 Dec 2019 13:48

Instrument :
BNA_N
ClientSampleId :
C0C56

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.1	9.0	13.6

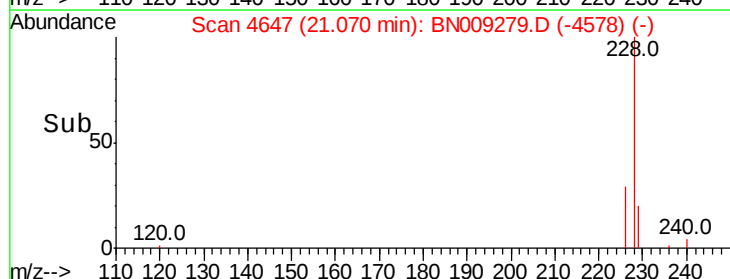
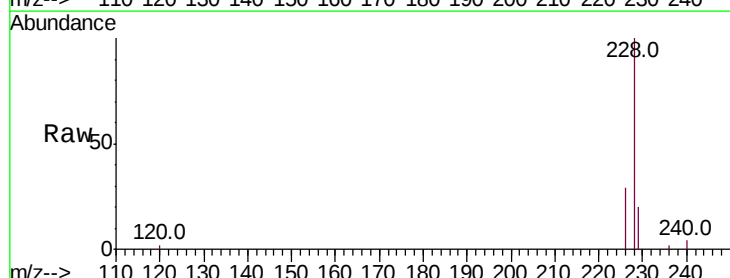
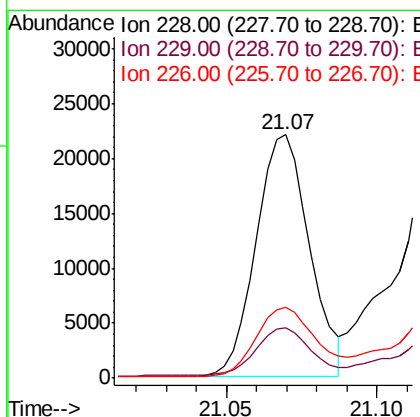
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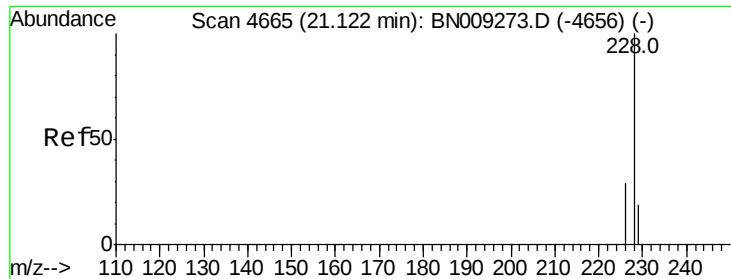
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#18
Benzo(a)anthracene
Concen: 0.959 ng/ul
RT: 21.07 min Scan# 4647
Delta R.T. 0.00 min
Lab File: BN009279.D
Acq: 31 Dec 2019 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	29.2	21.7	32.5





#19

Chrysene

Concen: 1.262 ng/ul

RT: 21.12 min Scan# 4664

Delta R.T. -0.00 min

Lab File: BN009279.D

Acq: 31 Dec 2019 13:48

Instrument :

BNA_N

ClientSampleId :

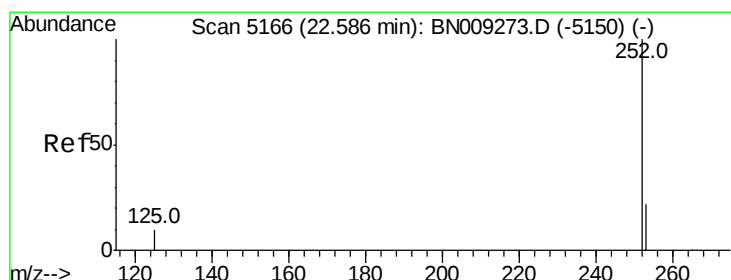
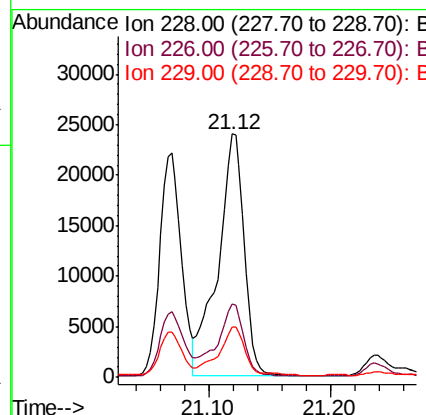
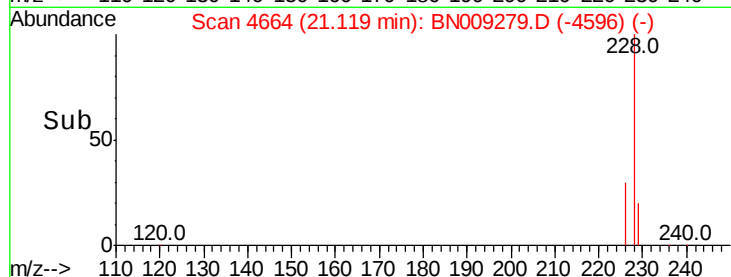
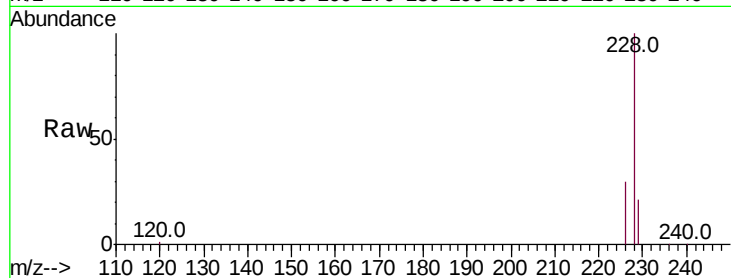
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Tot Ion:228 Resp: 36004

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	20.7	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 1.872 ng/ul m

RT: 22.59 min Scan# 5166

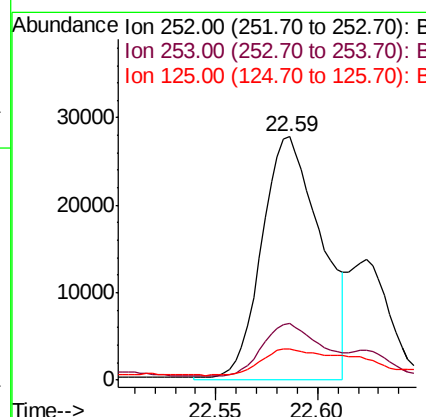
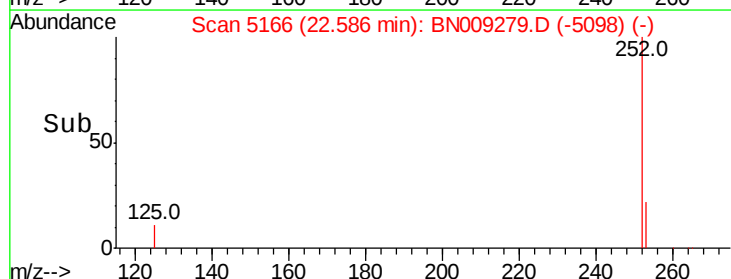
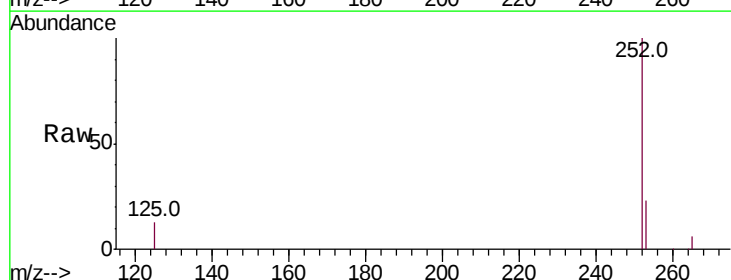
Delta R.T. 0.00 min

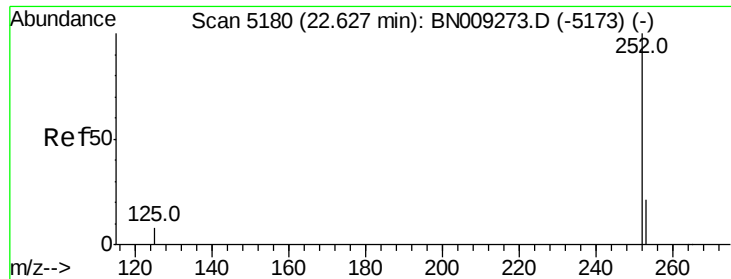
Lab File: BN009279.D

Acq: 31 Dec 2019 13:48

Tgt Ion:252 Resp: 56718

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	48.2
125	12.9	0.0	30.0





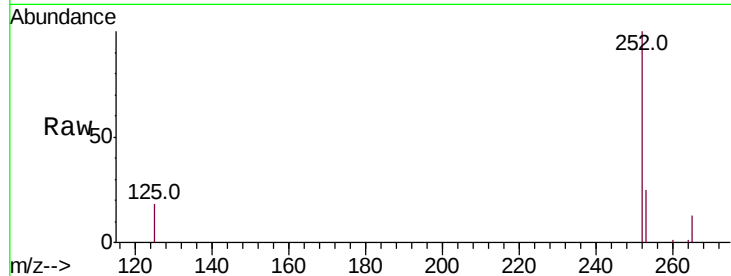
#22
Benzo(k)fluoranthene
Concen: 0.674 ng/ul m
RT: 22.62 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BN009279.D
Acq: 31 Dec 2019 13:48

Instrument :
BNA_N
ClientSampleId :
C0C56

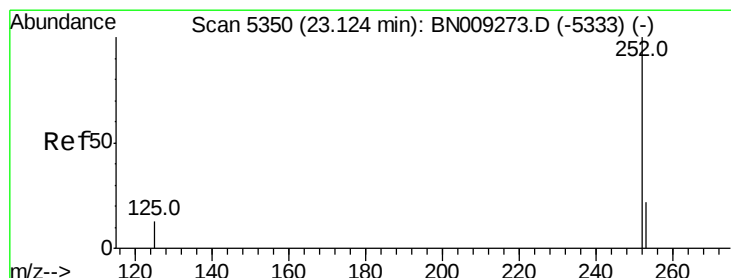
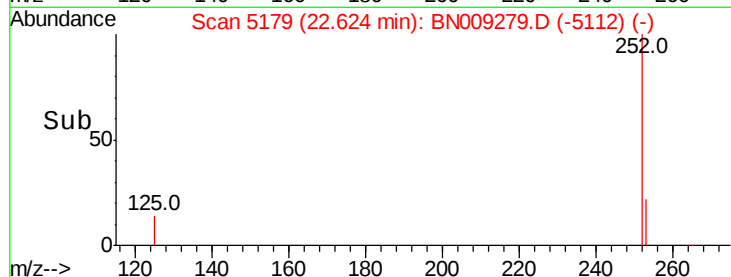
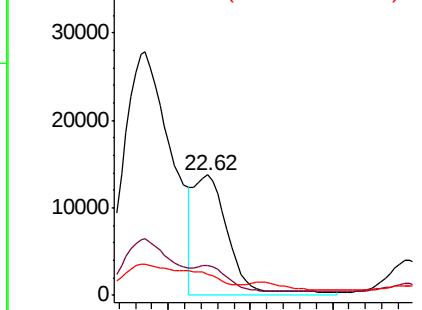
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.4	29.0
125	17.8	12.4	18.6

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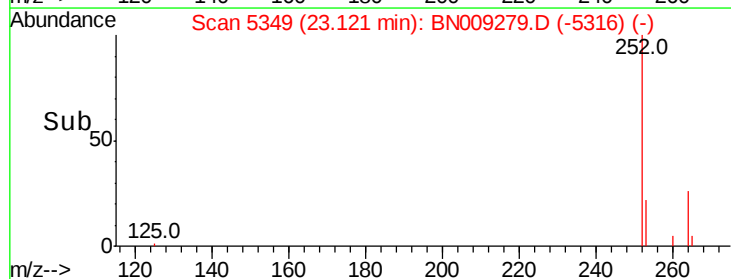
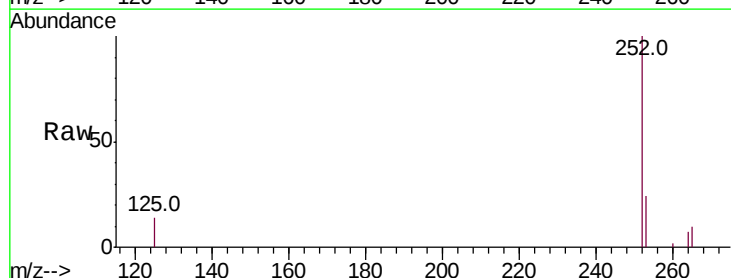
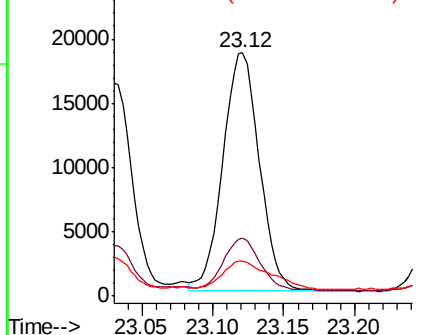
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

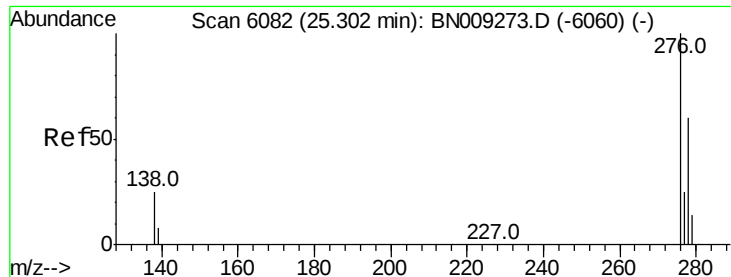


#23
Benzo(a)pyrene
Concen: 1.250 ng/ul
RT: 23.12 min Scan# 5349
Delta R.T. -0.00 min
Lab File: BN009279.D
Acq: 31 Dec 2019 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.2	30.4
125	14.4	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





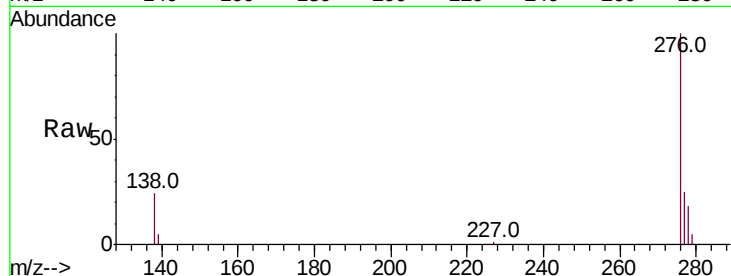
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.950 ng/ul
RT: 25.30 min Scan# 6081
Delta R.T. -0.00 min
Lab File: BN009279.D
Acq: 31 Dec 2019 13:48

Instrument :
BNA_N
ClientSampleId :
C0C56

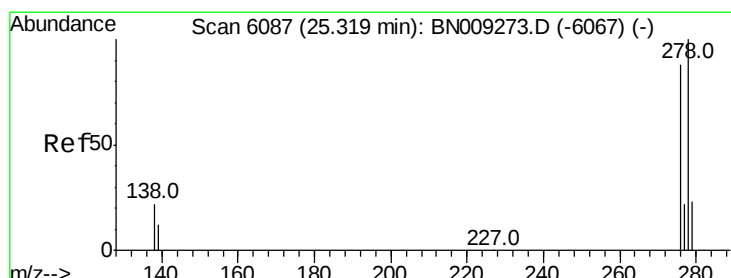
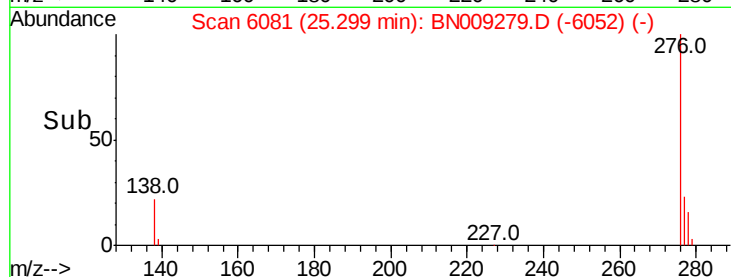
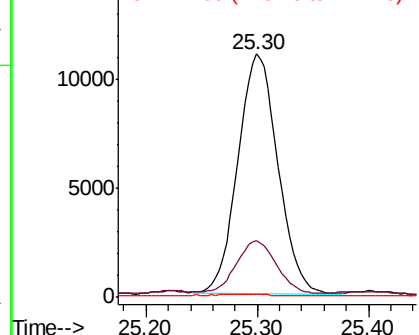
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.4	33.6#
227	0.1	0.2	0.4#

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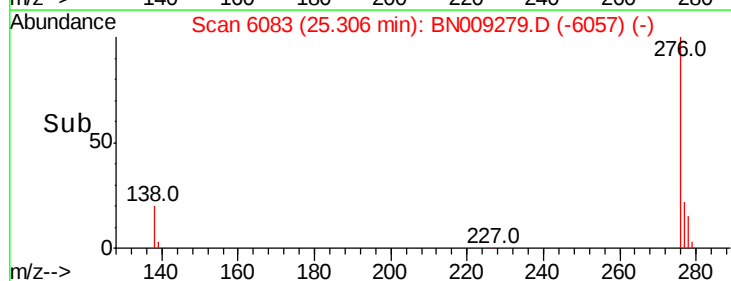
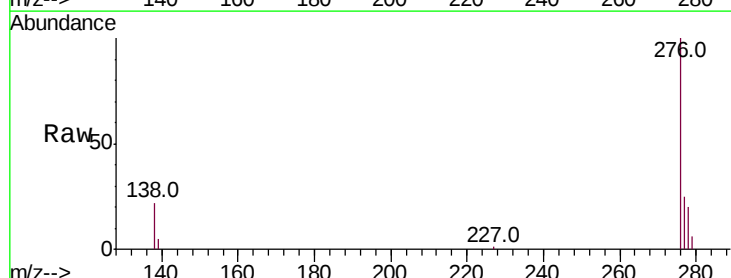
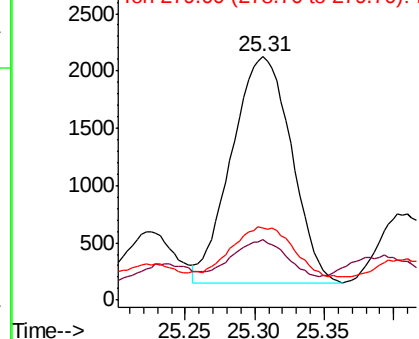
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

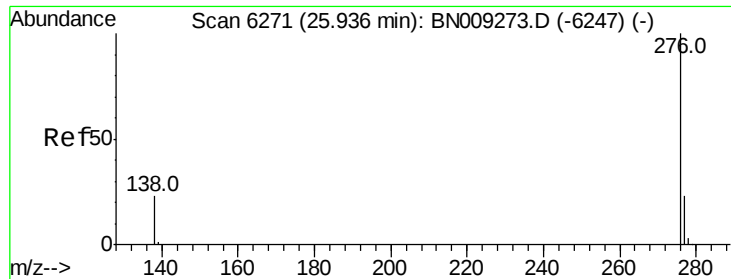


#25
Dibenzo(a,h)anthracene
Concen: 0.256 ng/ul
RT: 25.31 min Scan# 6083
Delta R.T. -0.01 min
Lab File: BN009279.D
Acq: 31 Dec 2019 13:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.6	16.2	24.2#
279	29.7	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: 1.158 ng/ul
 RT: 25.93 min Scan# 6270
 Delta R.T. -0.00 min
 Lab File: BN009279.D
 Acq: 31 Dec 2019 13:48

Instrument :
 BNA_N
 ClientSampleId :
 C0C56

Tot Ion:	276	Resp:	28215
Ion Ratio	Lower	Upper	
276	100		
138	24.5	20.6	30.8
277	24.4	19.6	29.4

Manual Integrations
 APPROVED

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