

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
 Data File : BN008831.D
 Acq On : 03 Dec 2019 14:55
 Operator : JU
 Sample : K5854-03DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB8DL

Manual Integrations
 APPROVED

mohammad
 12/3/2019 5:10:08 PM

Quant Time: Dec 03 15:31:20 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 03 11:01:18 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4816	0.40	ng/ul	0.00
2) Naphthalene-d8	10.34	136	19854	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	11580	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	23586	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	16308	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	14454	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.93	152	1023	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	2534	0.04	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	10.39	128	16918	0.283	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	13373	0.320	ng/ul	99
7) Acenaphthylene	13.93	152	2019	0.032	ng/ul#	80
8) Acenaphthene	14.27	153	6155	0.130	ng/ul	99
9) Fluorene	15.27	166	7800	0.140	ng/ul#	97
12) Phenanthrene	17.00	178	121019	1.521	ng/ul	99
13) Anthracene	17.09	178	28853	0.384	ng/ul	99
15) Fluoranthene	19.02	202	211667	2.166	ng/ul	99
17) Pyrene	19.39	202	177531	2.713	ng/ul	99
18) Benzo(a)anthracene	21.15	228	85542	1.304	ng/ul	97
19) Chrysene	21.20	228	81953	1.272	ng/ul	96
21) Benzo(b)fluoranthene	22.69	252	92583m	1.553	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	32559m	0.551	ng/ul	
23) Benzo(a)pyrene	23.23	252	61833	1.105	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.46	276	38221	0.584	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.46	278	10025	0.190	ng/ul#	40
26) Benzo(g,h,i)perylene	26.11	276	38252	0.699	ng/ul	95

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

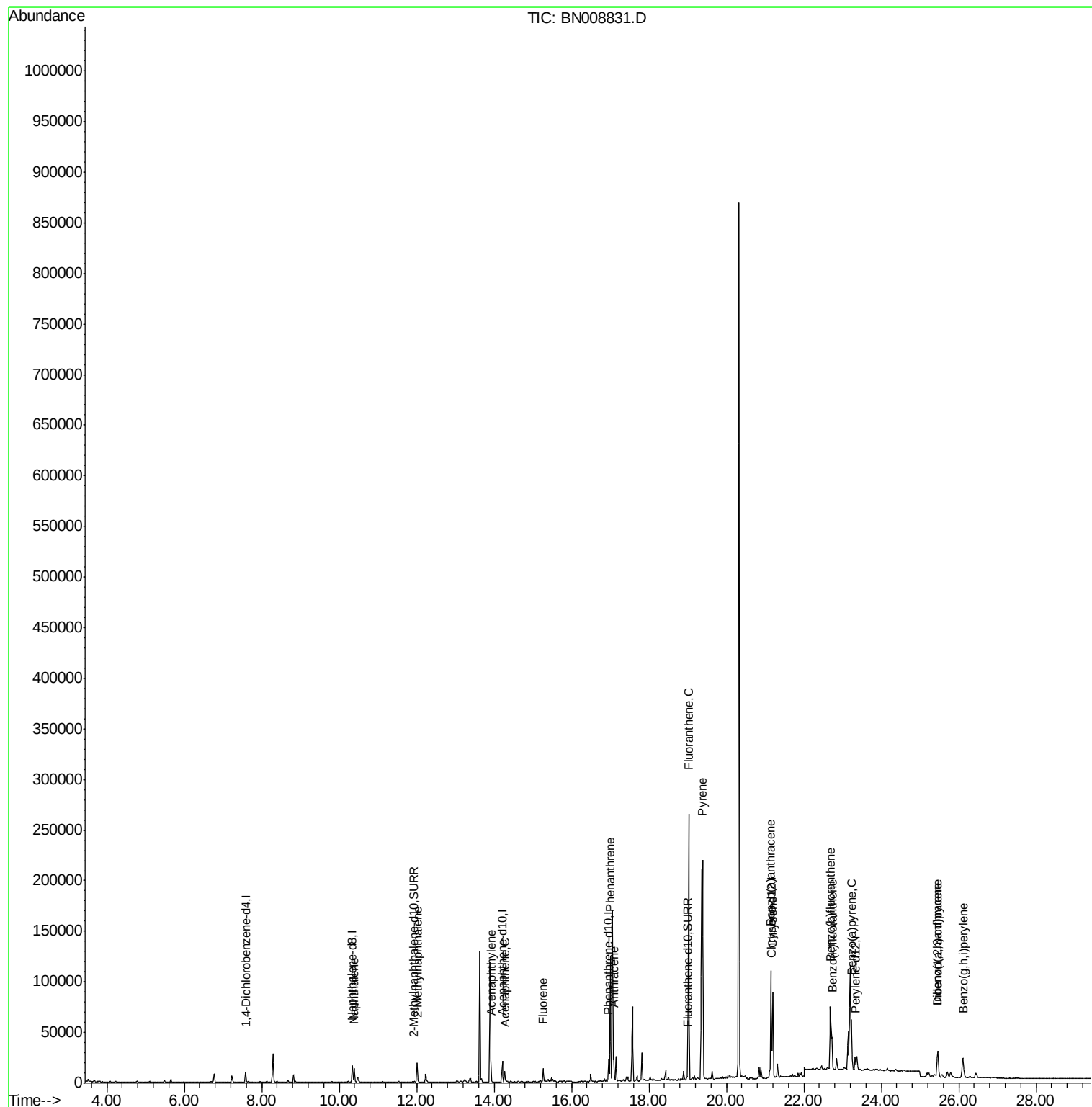
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
Data File : BN008831.D
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Sample : K5854-03DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

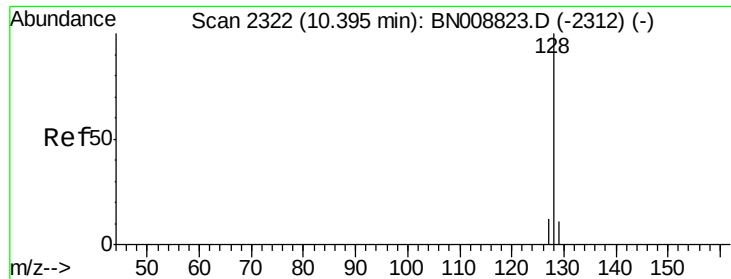
Instrument :
BNA_N
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C0AB8DL

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Quant Time: Dec 03 15:31:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.283 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008831.D

Acq: 03 Dec 2019 14:55

Instrument :

BNA_N

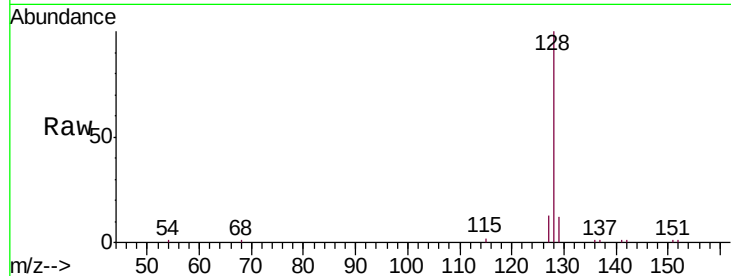
ClientSampleId :

C0AB8DL

Tgt Ion:	128	Resp:	16918
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.1	13.7
127	13.4	10.7	16.1

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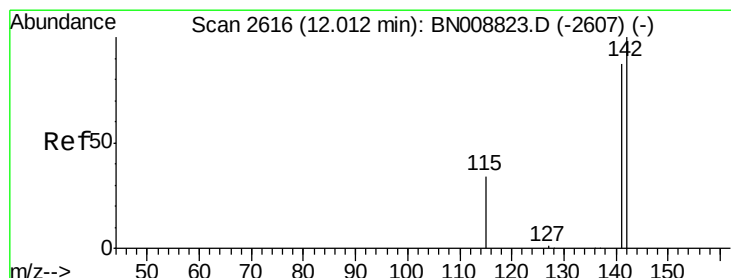
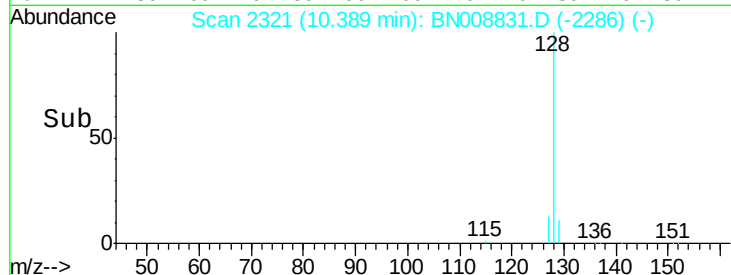
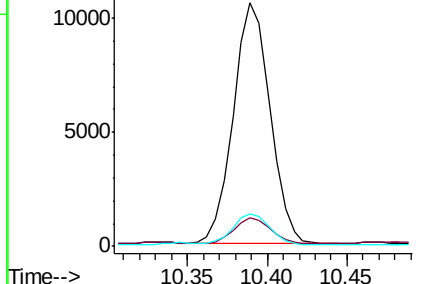
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.320 ng/ul

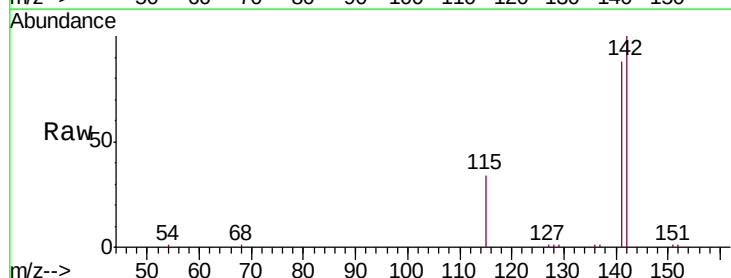
RT: 12.01 min Scan# 2616

Delta R.T. 0.00 min

Lab File: BN008831.D

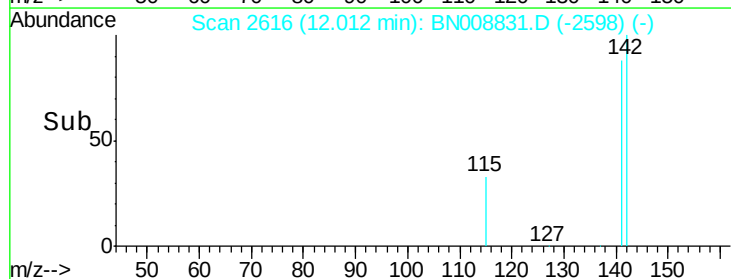
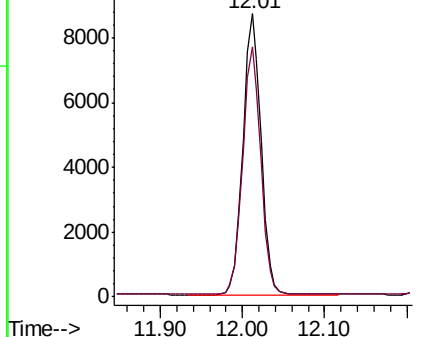
Acq: 03 Dec 2019 14:55

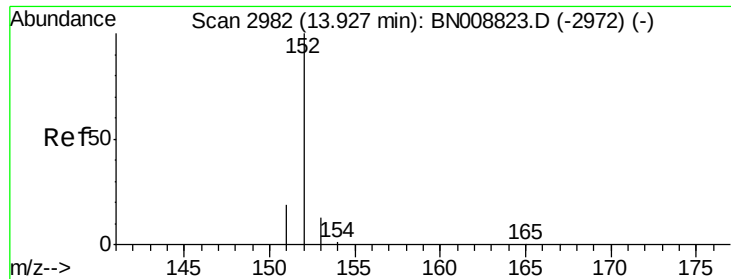
Tgt Ion:	142	Resp:	13373
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.1	105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008831.D

Acq: 03 Dec 2019 14:55

Instrument :

BNA_N

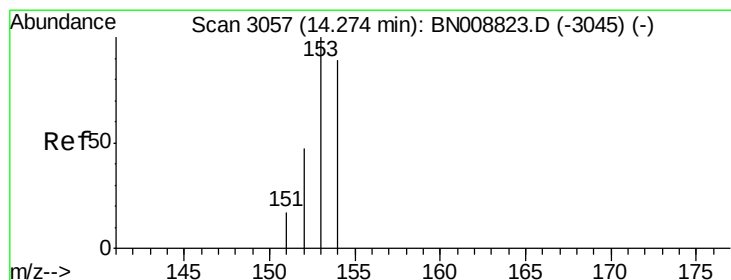
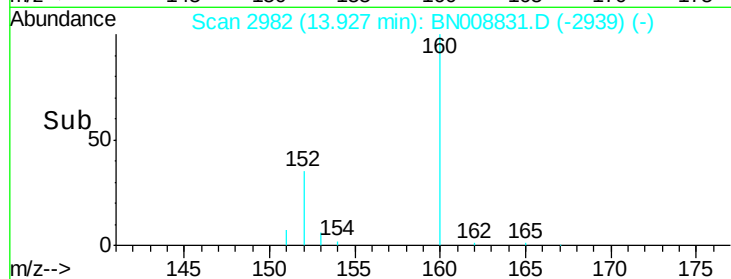
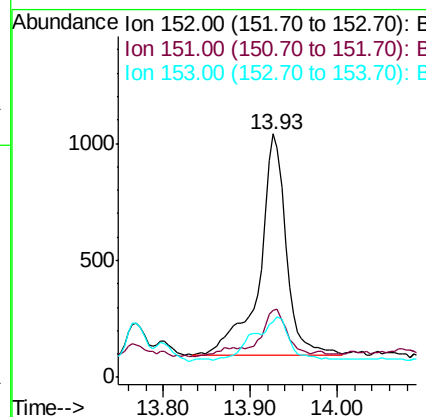
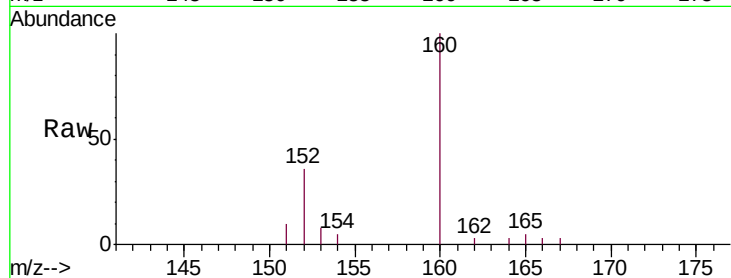
ClientSampled :

C0AB8DL

Tgt Ion:	152	Resp:	2019
Ion Ratio	Lower	Upper	
152	100		
151	27.7	15.8	23.6#
153	23.0	10.6	15.8#

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#8

Acenaphthene

Concen: 0.130 ng/ul

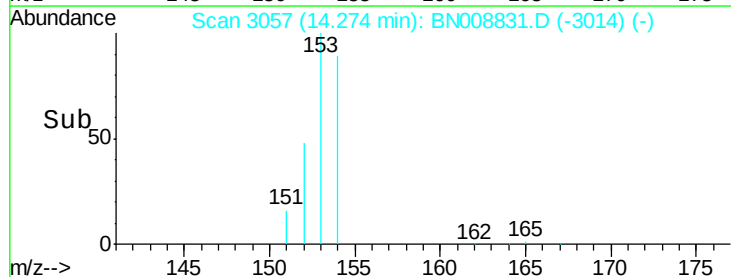
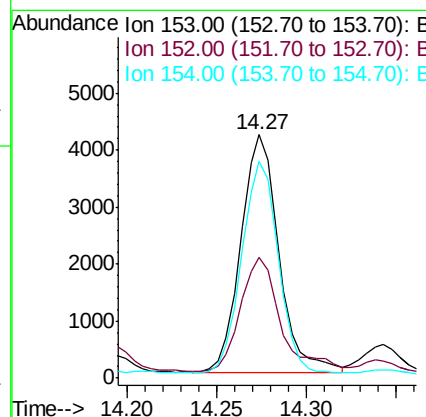
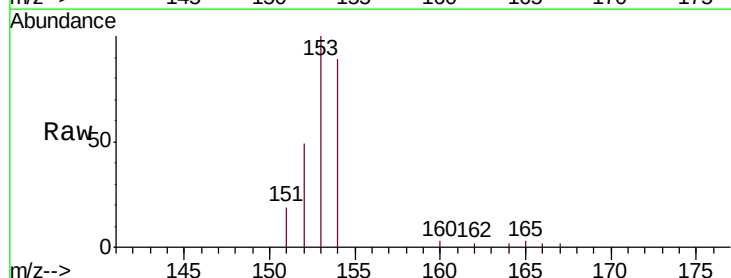
RT: 14.27 min Scan# 3057

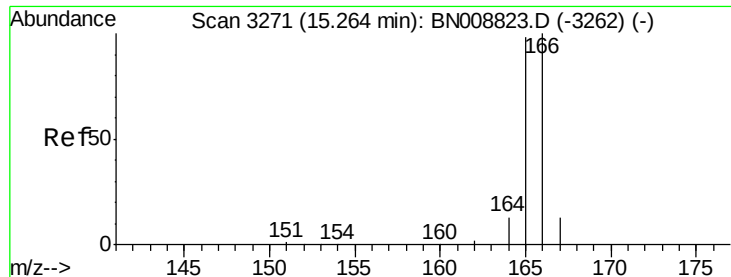
Delta R.T. 0.00 min

Lab File: BN008831.D

Acq: 03 Dec 2019 14:55

Tgt Ion:	153	Resp:	6155
Ion Ratio	Lower	Upper	
153	100		
152	49.4	38.6	58.0
154	89.0	70.6	105.8





#9

Fluorene

Concen: 0.140 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. 0.00 min

Lab File: BN008831.D

Acq: 03 Dec 2019 14:55

Instrument :

BNA_N

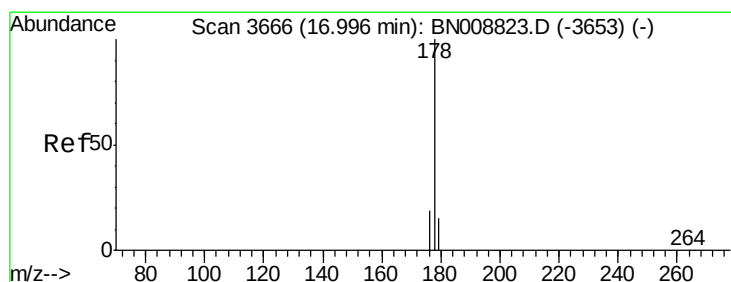
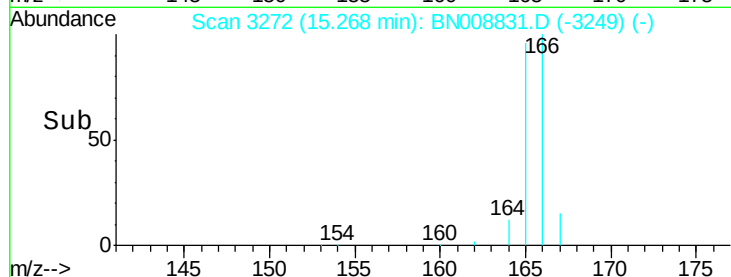
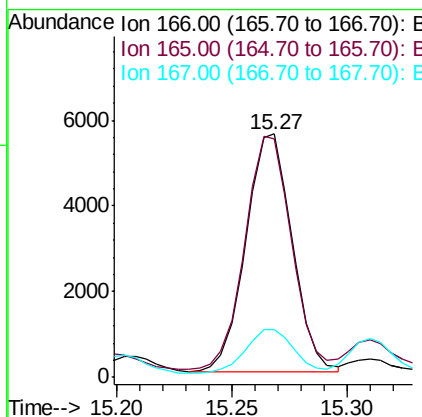
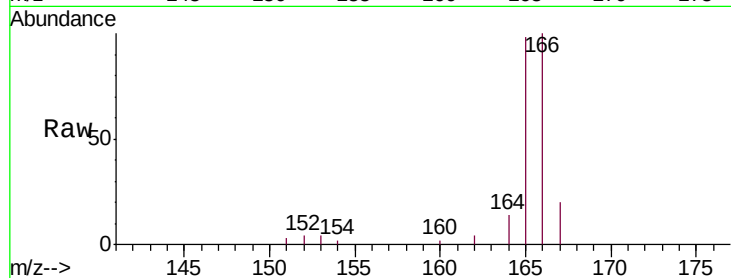
ClientSampleId :

C0AB8DL

Tgt Ion:	166	Resp:	7800
Ion Ratio	Lower	Upper	
166	100		
165	98.1	77.7	116.5
167	19.7	11.1	16.7#

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#12

Phenanthrene

Concen: 1.521 ng/ul

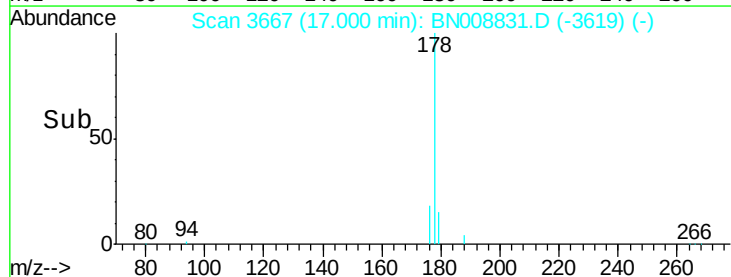
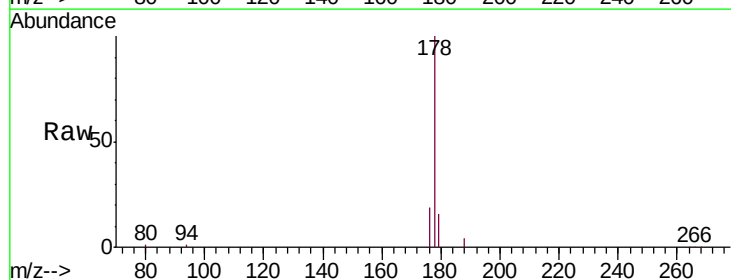
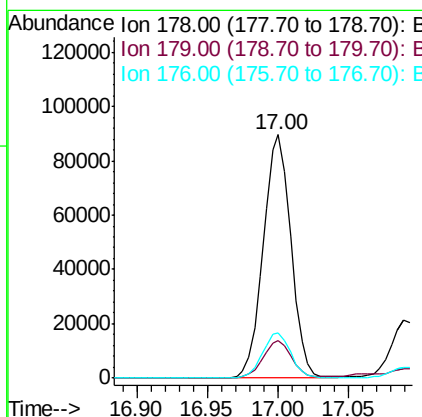
RT: 17.00 min Scan# 3667

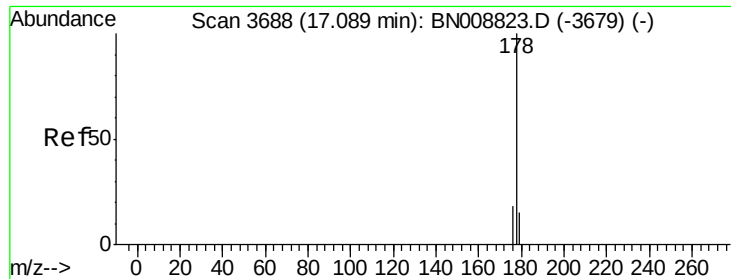
Delta R.T. 0.00 min

Lab File: BN008831.D

Acq: 03 Dec 2019 14:55

Tgt Ion:	178	Resp:	121019
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	18.8
176	18.6	15.3	22.9





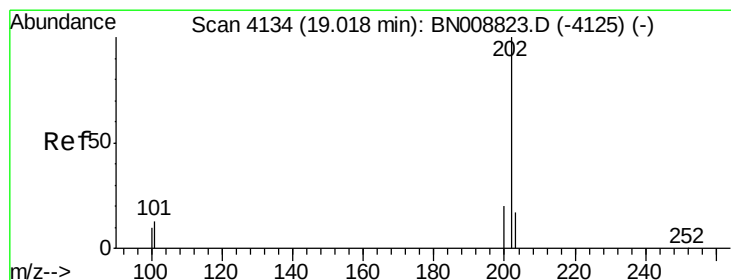
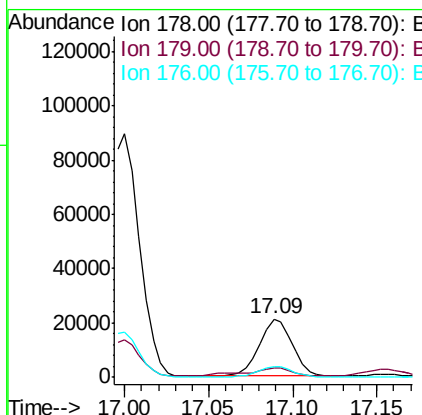
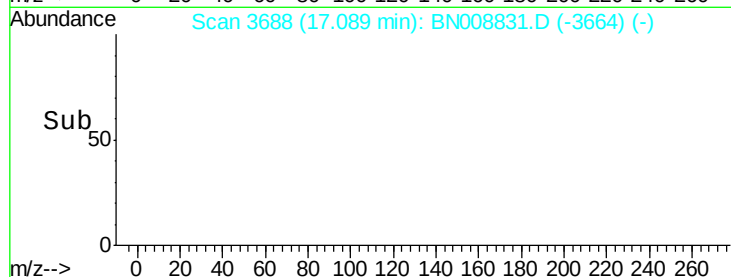
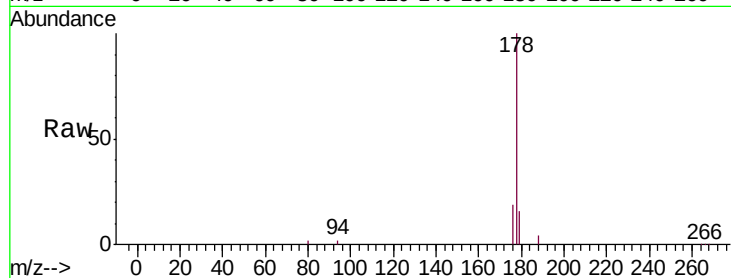
#13
 Anthracene
 Concen: 0.384 ng/ul
 RT: 17.09 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: BN008831.D
 Acq: 03 Dec 2019 14:55

Instrument :
 BNA_N
 ClientSampleId :
 C0AB8DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	18.6	14.7	22.1

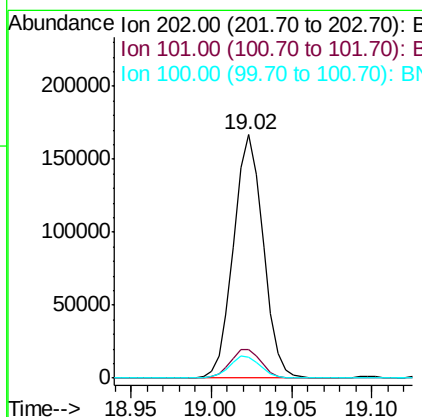
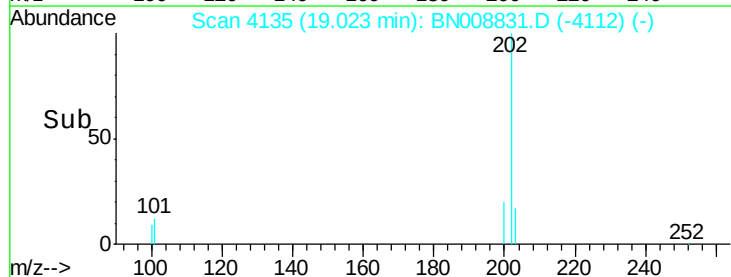
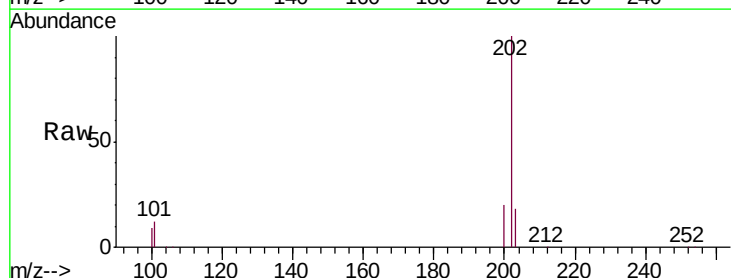
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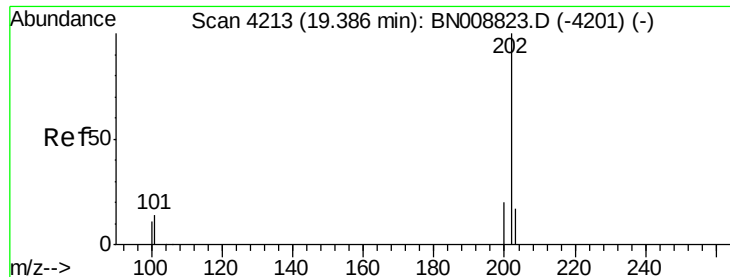
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#15
 Fluoranthene
 Concen: 2.166 ng/ul
 RT: 19.02 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: BN008831.D
 Acq: 03 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.4
100	8.8	0.0	29.2





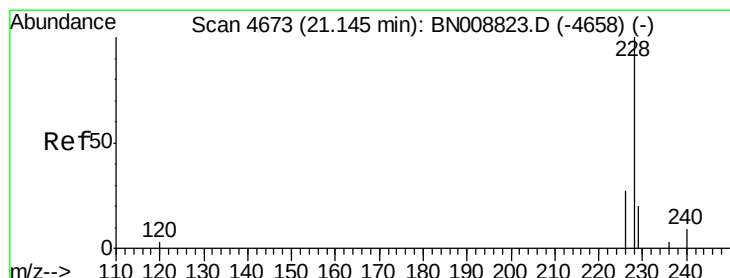
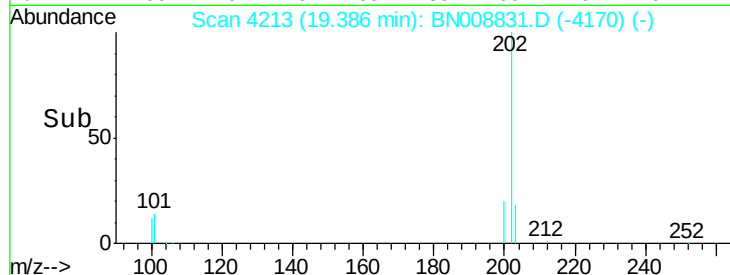
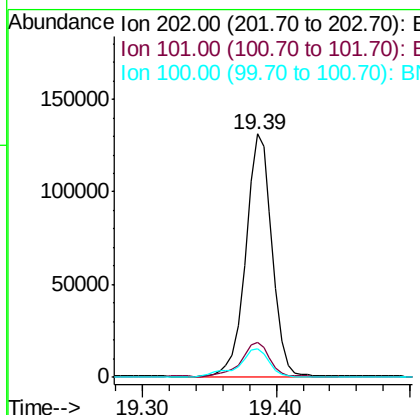
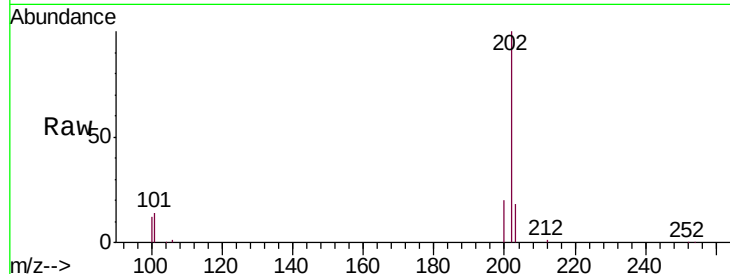
#17
Pyrene
Concen: 2.713 ng/ul
RT: 19.39 min Scan# 4213
Delta R.T. 0.00 min
Lab File: BN008831.D
Acq: 03 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
C0AB8DL

Tgt Ion:	202	Resp:	177531
Ion Ratio	Lower	Upper	
202	100		
101	14.5	12.2	18.4
100	11.9	9.5	14.3

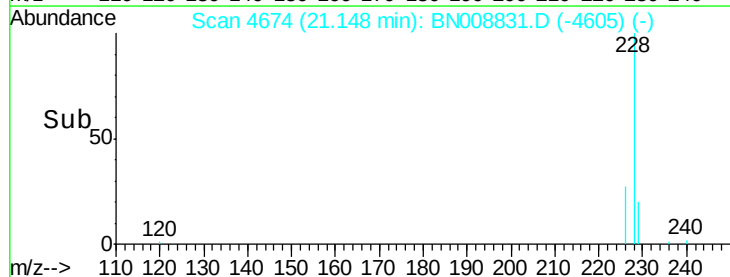
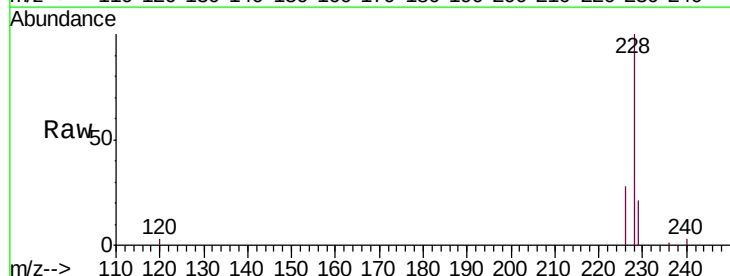
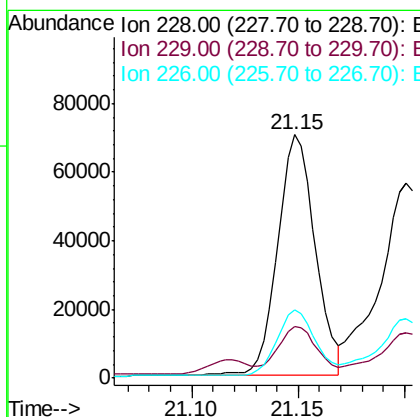
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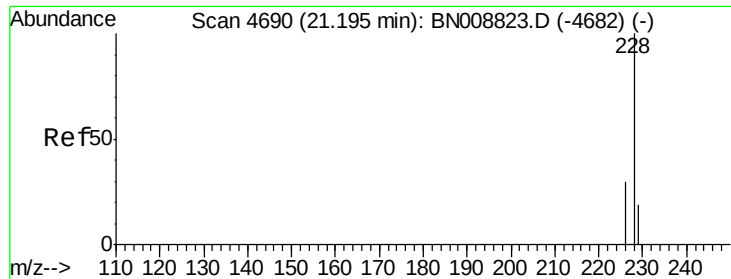
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#18
Benzo(a)anthracene
Concen: 1.304 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. 0.00 min
Lab File: BN008831.D
Acq: 03 Dec 2019 14:55

Tgt Ion:	228	Resp:	85542
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.7	23.5
226	27.9	21.5	32.3





#19

Chrysene

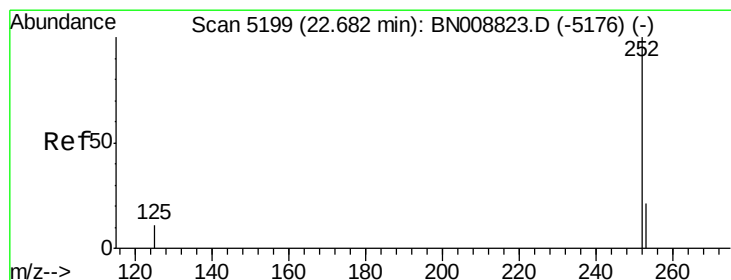
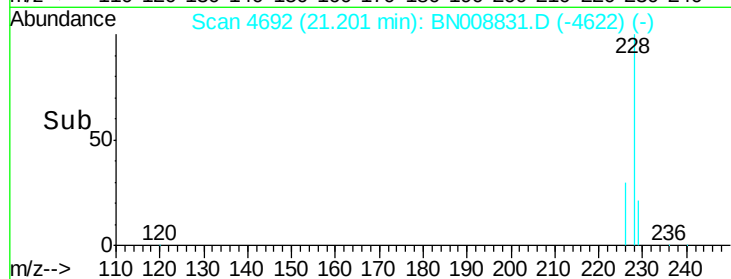
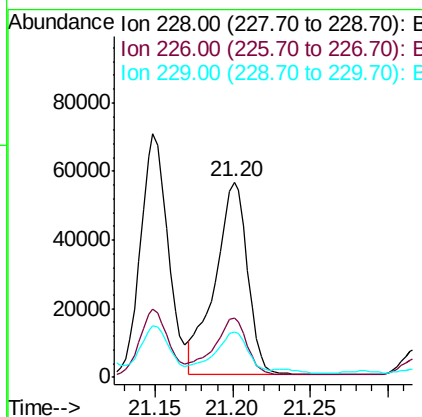
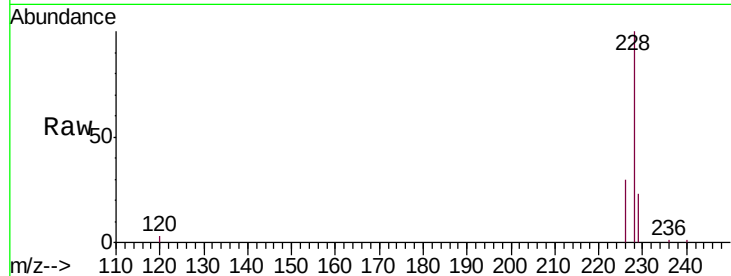
Concen: 1.272 ng/ul
 RT: 21.20 min Scan# 4692
 Delta R.T. 0.01 min
 Lab File: BN008831.D
 Acq: 03 Dec 2019 14:55

Instrument :
 BNA_N
 ClientSampleId :
 C0AB8DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	23.2	15.6	23.4

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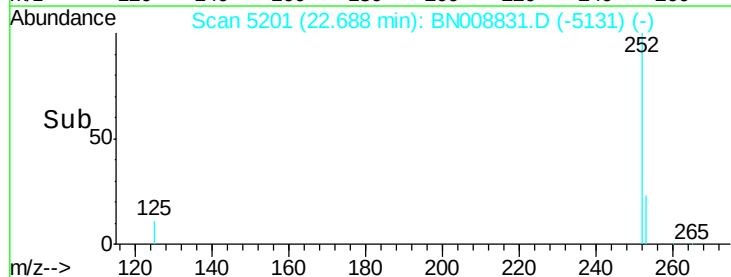
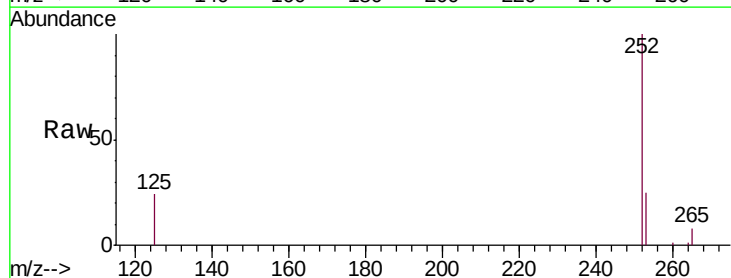
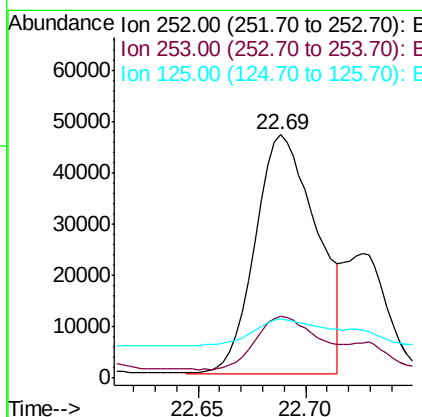


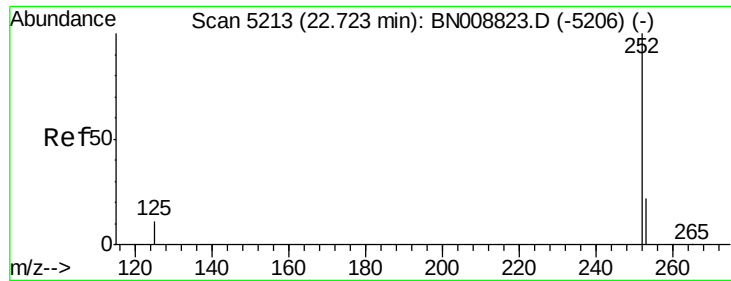
#21

Benzo(b)fluoranthene

Concen: 1.553 ng/ul m
 RT: 22.69 min Scan# 5201
 Delta R.T. 0.01 min
 Lab File: BN008831.D
 Acq: 03 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	48.6
125	24.1	0.0	31.6





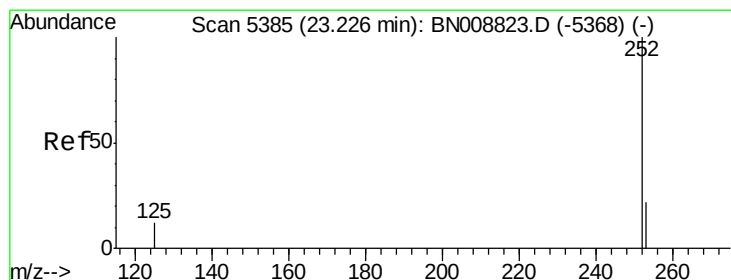
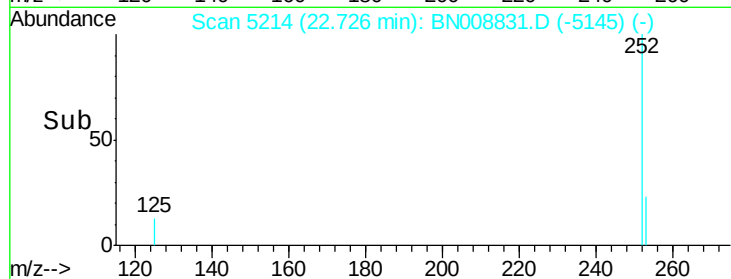
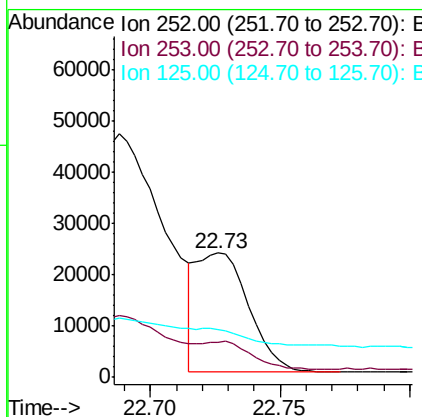
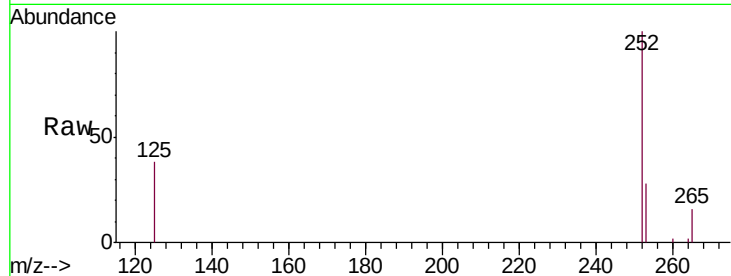
#22
Benzo(k)fluoranthene
Concen: 0.551 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. 0.00 min
Lab File: BN008831.D
Acq: 03 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
C0AB8DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.6	29.4
125	38.3	13.8	20.6

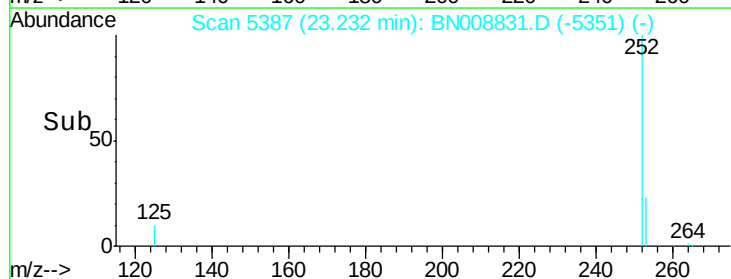
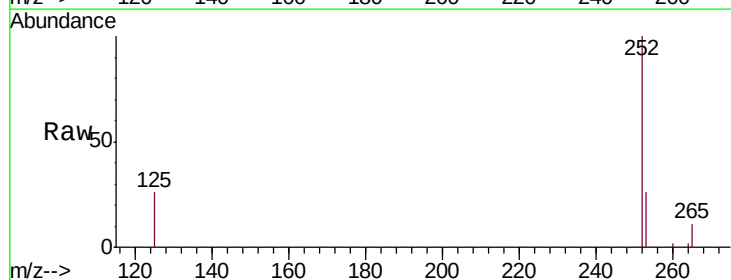
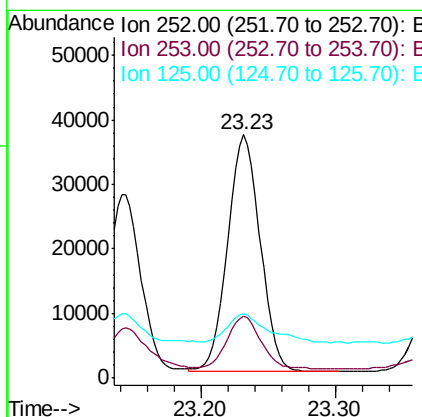
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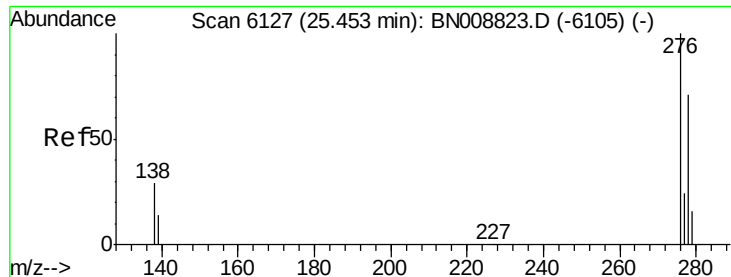
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#23
Benzo(a)pyrene
Concen: 1.105 ng/ul
RT: 23.23 min Scan# 5387
Delta R.T. 0.01 min
Lab File: BN008831.D
Acq: 03 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.9	29.9
125	26.3	14.6	22.0





#24

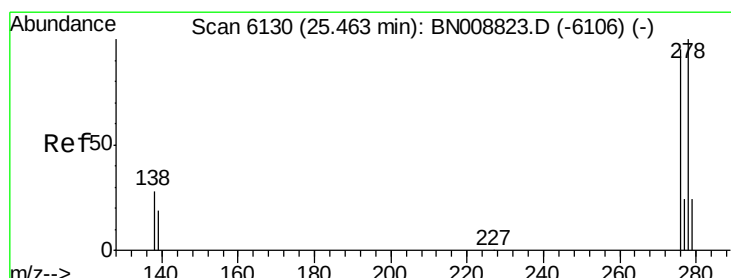
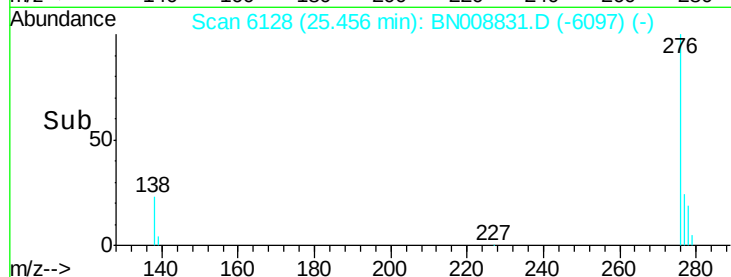
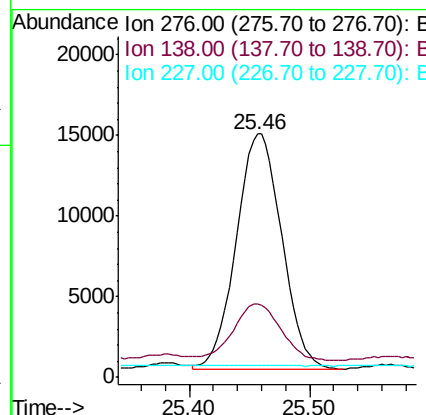
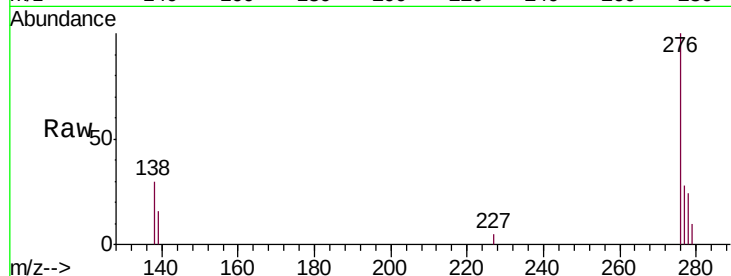
Indeno(1,2,3-cd)pyrene
Concen: 0.584 ng/ul
RT: 25.46 min Scan# 6128
Delta R.T. 0.00 min
Lab File: BN008831.D
Acq: 03 Dec 2019 14:55

Instrument :
BNA_N
ClientSampleId :
C0AB8DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	23.8	35.6
227	0.0	0.2	0.2

Manual Integrations
APPROVED

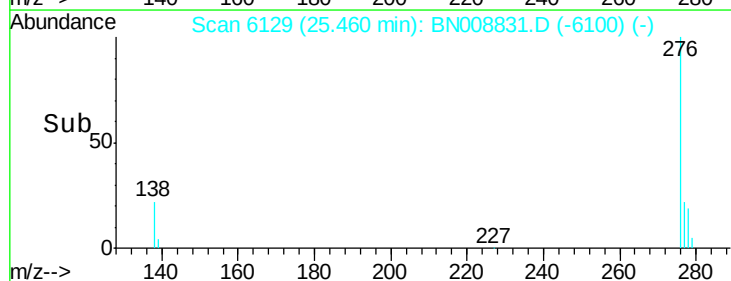
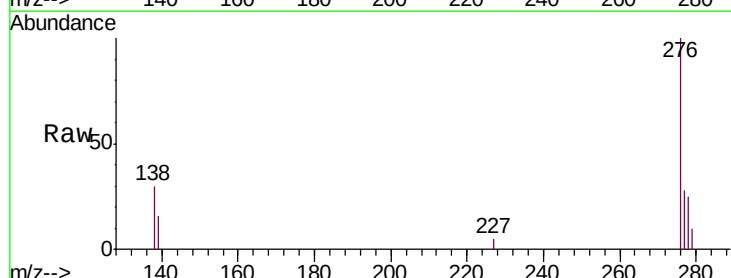
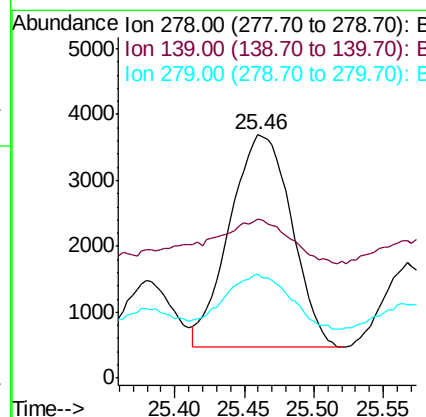
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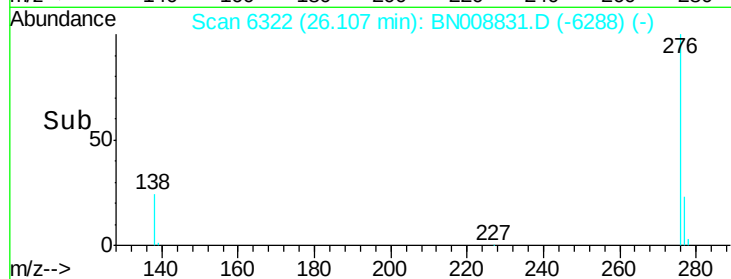
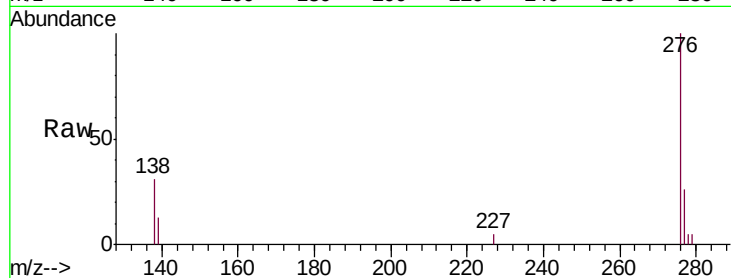
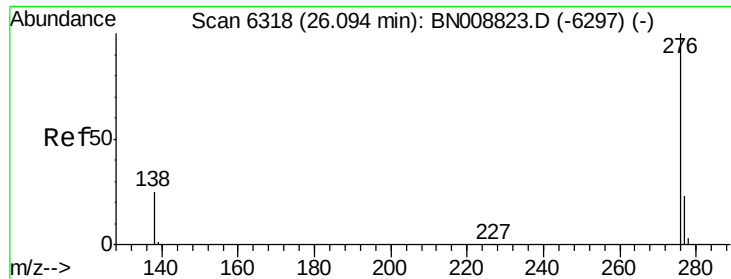


#25

Dibenzo(a,h)anthracene
Concen: 0.190 ng/ul
RT: 25.46 min Scan# 6129
Delta R.T. -0.00 min
Lab File: BN008831.D
Acq: 03 Dec 2019 14:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	65.1	17.4	26.0
279	42.7	20.5	30.7





#26

Benzo(g,h,i)perylene

Concen: 0.699 ng/ul

RT: 26.11 min Scan# 6322

Delta R.T. 0.01 min

Lab File: BN008831.D

Acq: 03 Dec 2019 14:55

Tgt Ion:	276	Resp:	38252
Ion Ratio	Lower	Upper	
276	100		
138	30.8	21.9	32.9
277	26.4	19.9	29.9

Instrument :

BNA_N

ClientSampleId :

C0AB8DL

Manual Integrations
APPROVED

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