

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
 Data File : BN008958.D
 Acq On : 12 Dec 2019 22:37
 Operator : JU
 Sample : K6089-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BR4

Manual Integrations
 APPROVED

mohammad
 12/13/2019 9:08:32 AM

Quant Time: Dec 13 01:42:27 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 : Thu Dec 12 00:49:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2661	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11732	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7536	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17125	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14444	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	13870	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2906	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8196	0.16	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.36	128	4293	0.121	ng/ul	96
5) 2-Methylnaphthalene	11.98	142	3566	0.144	ng/ul	100
7) Acenaphthylene	13.90	152	3881	0.093	ng/ul	95
9) Fluorene	15.24	166	1038	0.029	ng/ul#	84
12) Phenanthrene	16.97	178	18197	0.315	ng/ul	100
13) Anthracene	17.06	178	4096	0.075	ng/ul#	94
15) Fluoranthene	18.99	202	35986	0.507	ng/ul	98
17) Pyrene	19.35	202	32445	0.560	ng/ul	99
18) Benzo(a)anthracene	21.11	228	23577	0.406	ng/ul	94
19) Chrysene	21.17	228	29178	0.511	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	37069m	0.648	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	12156m	0.214	ng/ul	
23) Benzo(a)pyrene	23.18	252	19703	0.367	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.38	276	12766	0.203	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.39	278	4148	0.082	ng/ul#	75
26) Benzo(g,h,i)perylene	26.02	276	11488	0.219	ng/ul	99

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

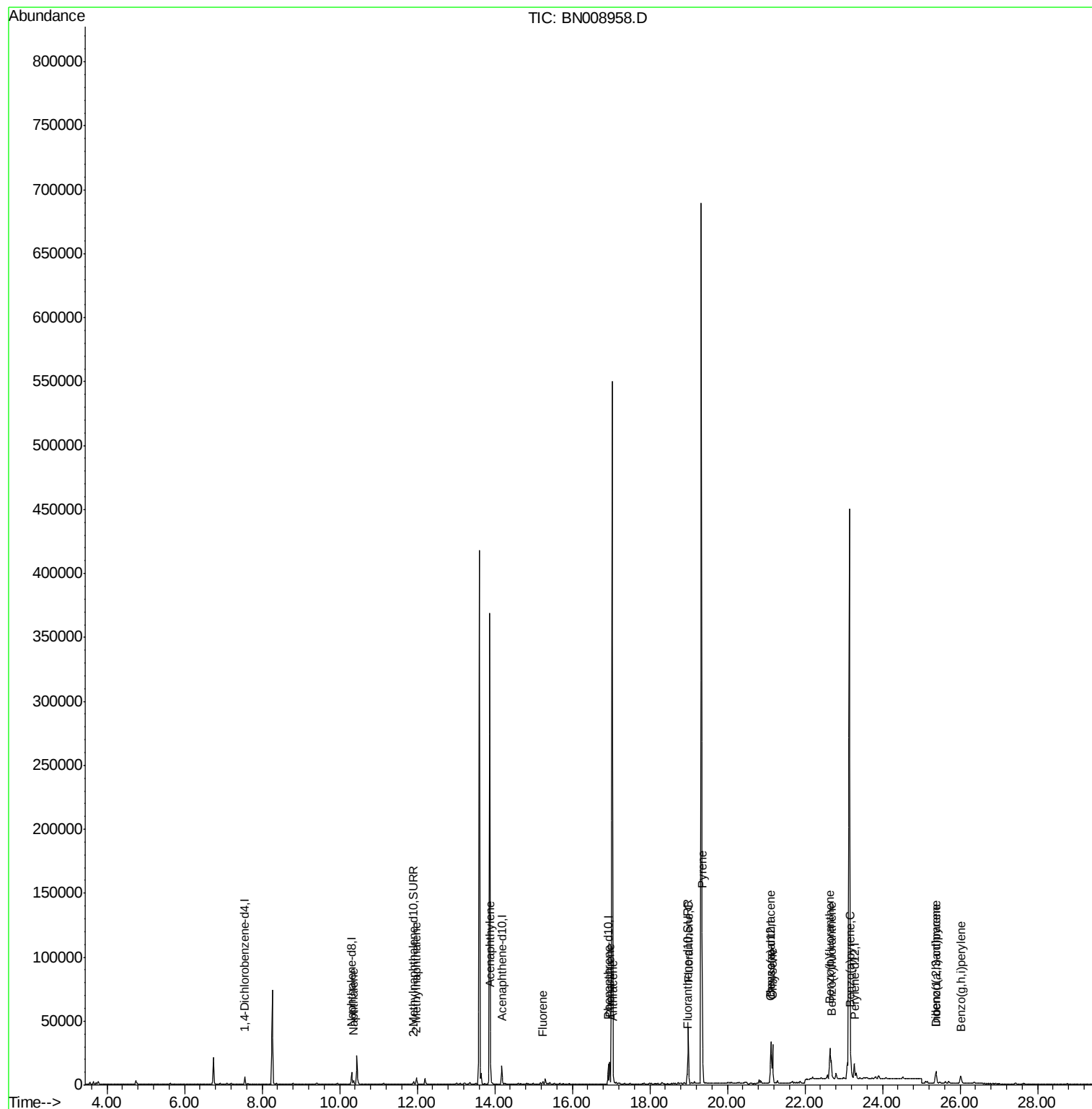
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
Data File : BN008958.D
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Sample : K6089-18
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ALS Vial : 18 Sample Multiplier: 1

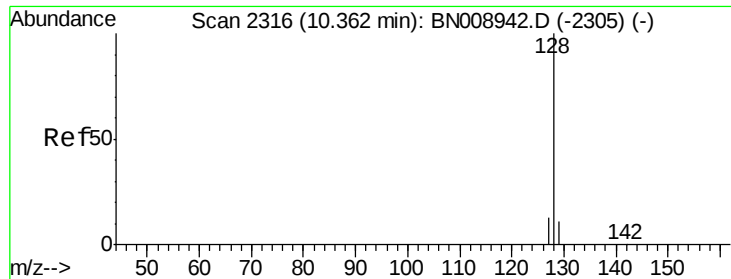
Instrument :
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C0BR4

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Quant Time: Dec 13 01:42:27 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.121 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN008958.D

Acq: 12 Dec 2019 22:37

Instrument :

BNA_N

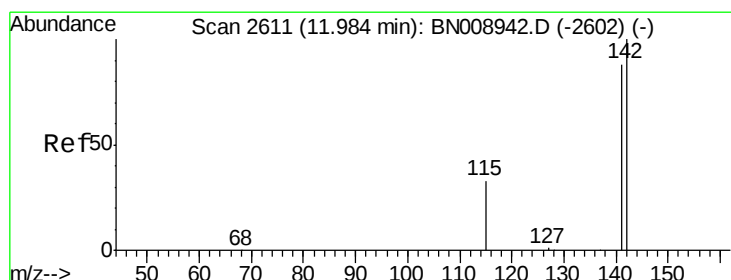
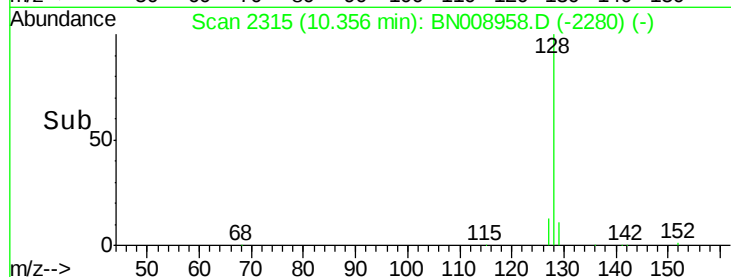
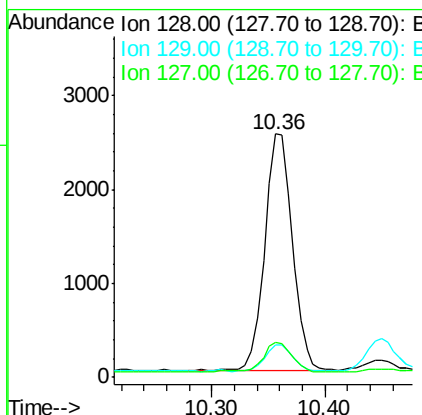
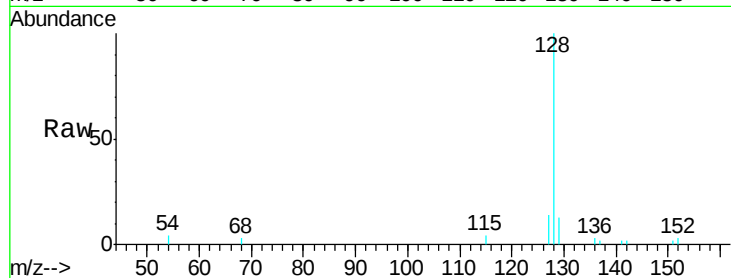
ClientSampleId :

C0BR4

Tgt Ion:	128	Resp:	4293
Ion Ratio	Lower	Upper	
128	100		
129	13.4	9.1	13.7
127	14.5	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.144 ng/ul

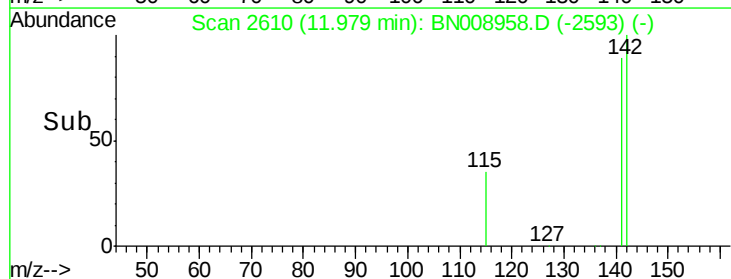
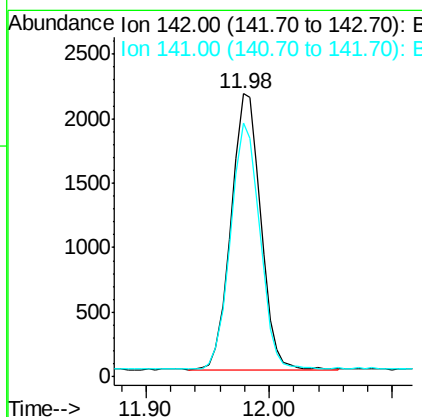
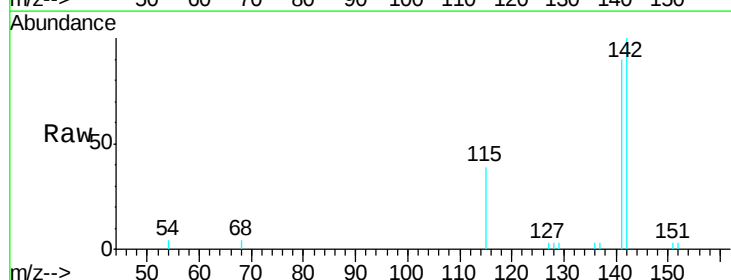
RT: 11.98 min Scan# 2610

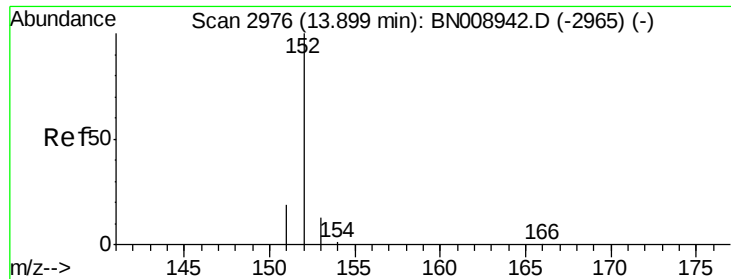
Delta R.T. -0.01 min

Lab File: BN008958.D

Acq: 12 Dec 2019 22:37

Tgt Ion:	142	Resp:	3566
Ion Ratio	Lower	Upper	
142	100		
141	88.0	70.1	105.1





#7

Acenaphthylene

Concen: 0.093 ng/u1

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008958.D

Acq: 12 Dec 2019 22:37

Instrument :

BNA_N

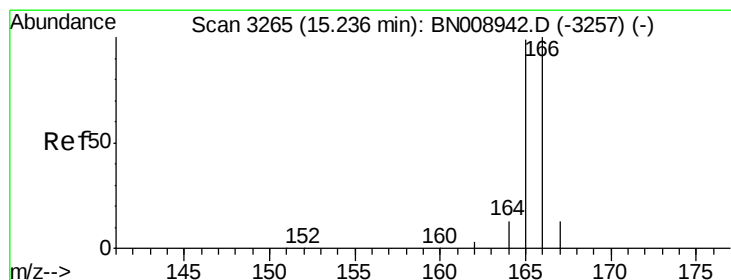
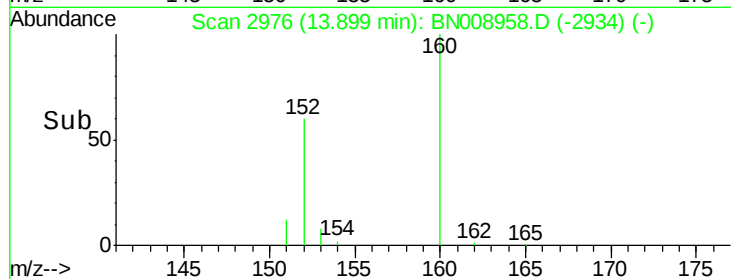
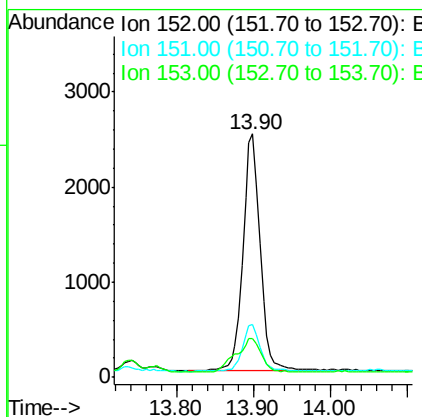
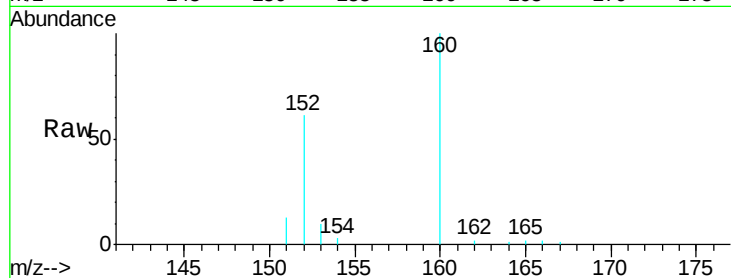
ClientSampleId :

C0BR4

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.8	23.6
153	15.8	10.6	15.8

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#9

Fluorene

Concen: 0.029 ng/u1

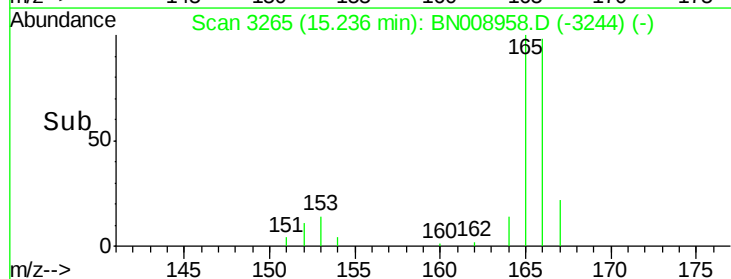
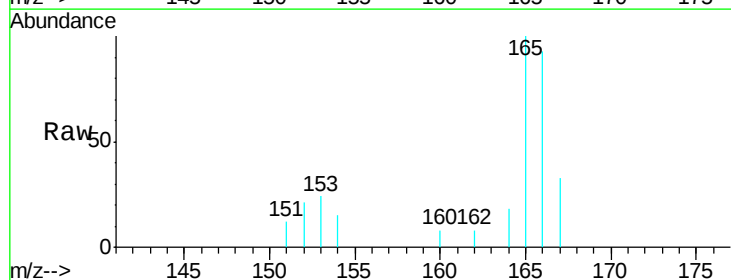
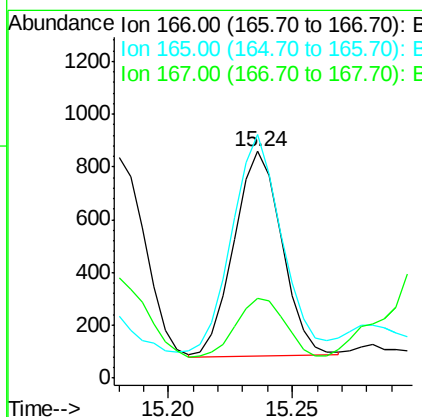
RT: 15.24 min Scan# 3265

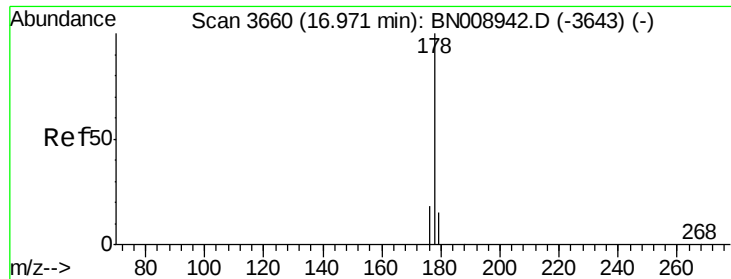
Delta R.T. -0.00 min

Lab File: BN008958.D

Acq: 12 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.3	77.7	116.5
167	35.2	11.1	16.7#





#12

Phenanthrene

Concen: 0.315 ng/ul

RT: 16.97 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BN008958.D

Acq: 12 Dec 2019 22:37

Instrument :

BNA_N

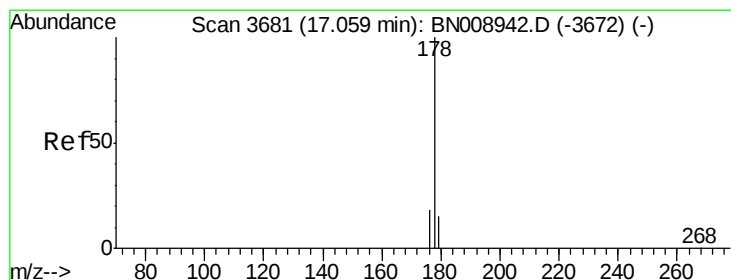
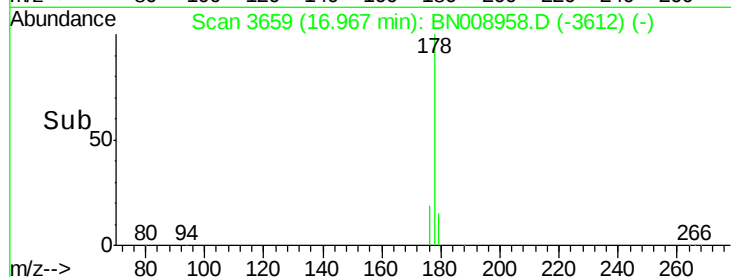
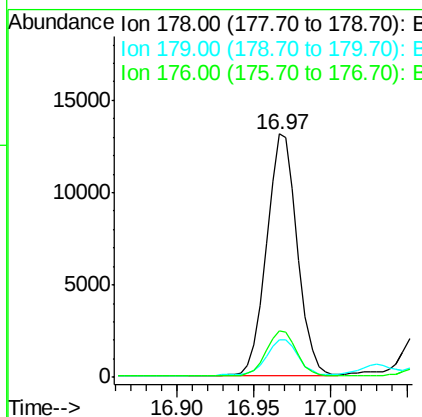
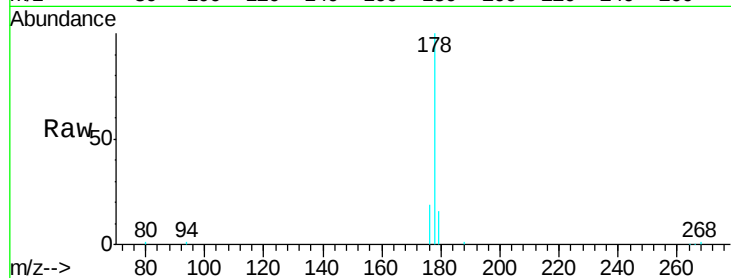
ClientSampleId :

C0BR4

Tgt Ion:	178	Resp:	18197
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	19.0	15.3	22.9

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#13

Anthracene

Concen: 0.075 ng/ul

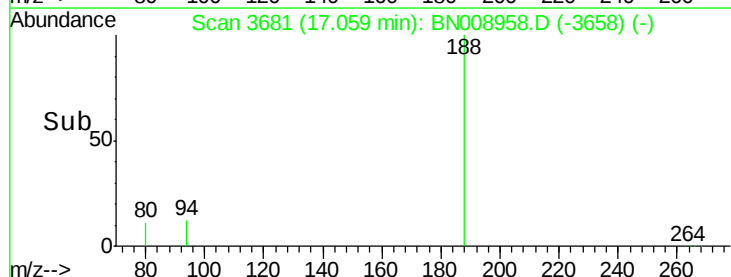
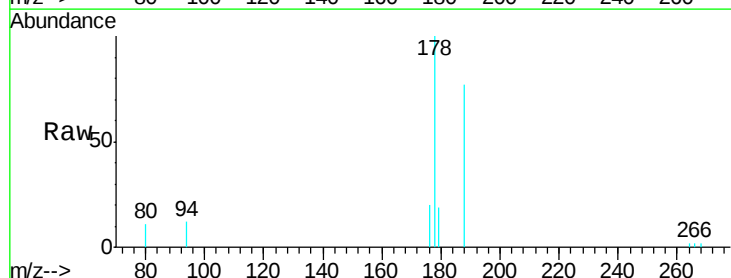
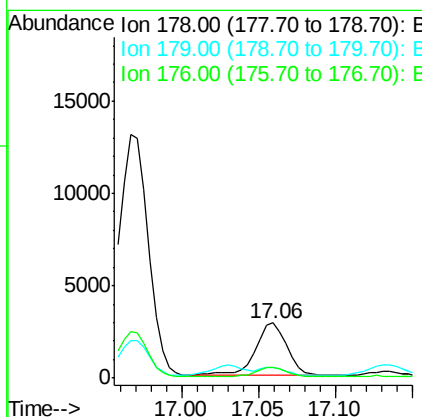
RT: 17.06 min Scan# 3681

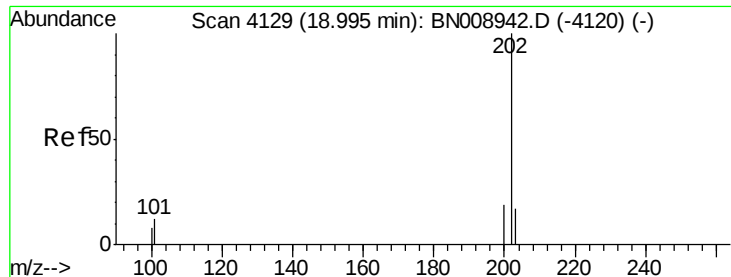
Delta R.T. -0.00 min

Lab File: BN008958.D

Acq: 12 Dec 2019 22:37

Tgt Ion:	178	Resp:	4096
Ion Ratio	Lower	Upper	
178	100		
179	19.5	12.2	18.4#
176	19.9	14.7	22.1





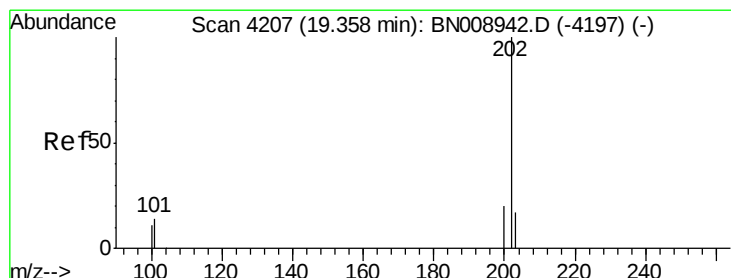
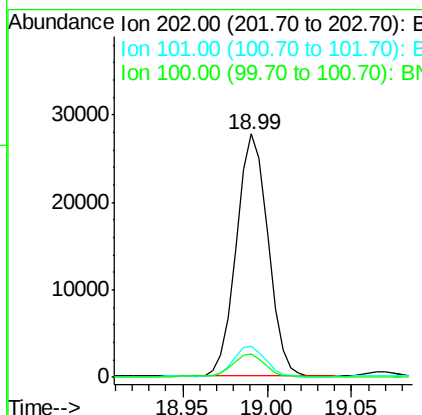
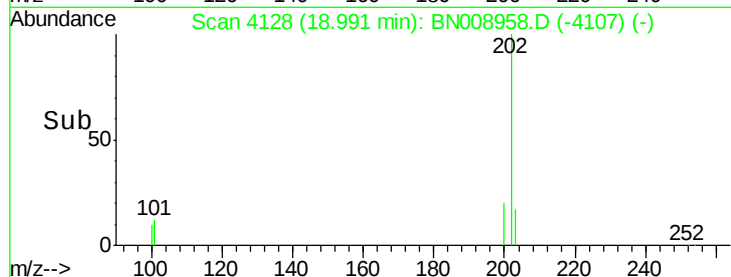
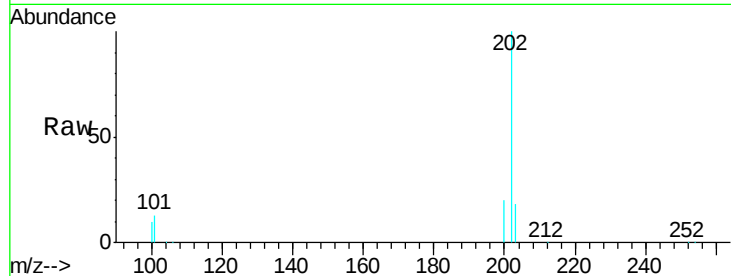
#15
Fluoranthene
 Concen: 0.507 ng/ul
 RT: 18.99 min Scan# 4128
 Delta R.T. -0.00 min
 Lab File: BN008958.D
 Acq: 12 Dec 2019 22:37

Instrument :
 BNA_N
 ClientSampleId :
 C0BR4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.0	0.0	32.4
100	9.8	0.0	29.2

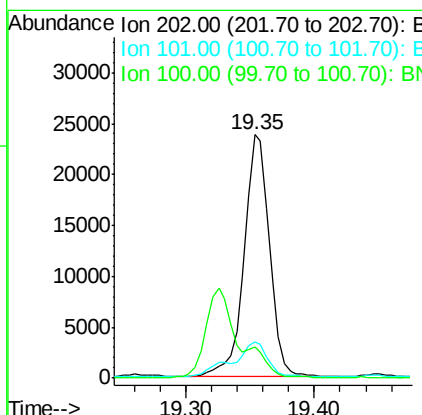
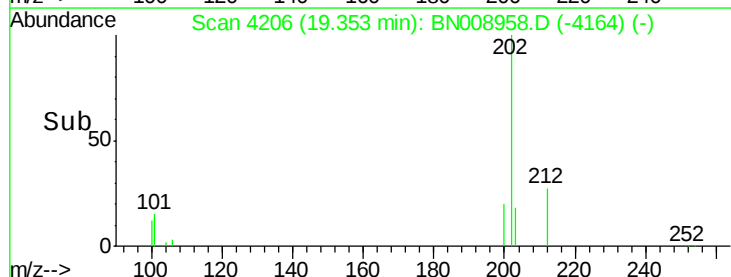
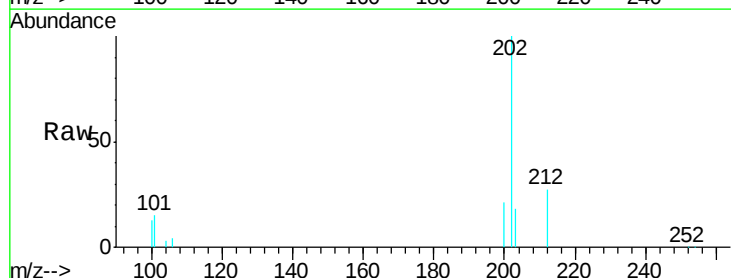
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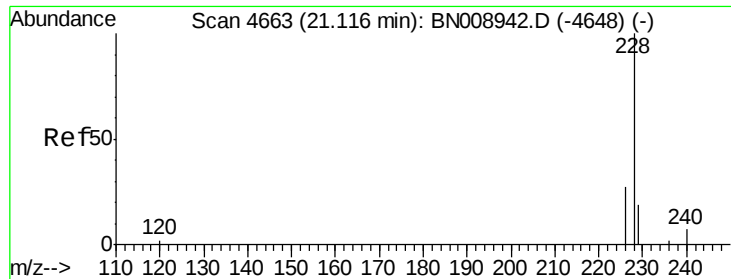
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#17
Pyrene
 Concen: 0.560 ng/ul
 RT: 19.35 min Scan# 4206
 Delta R.T. -0.00 min
 Lab File: BN008958.D
 Acq: 12 Dec 2019 22:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	12.2	18.4
100	12.6	9.5	14.3





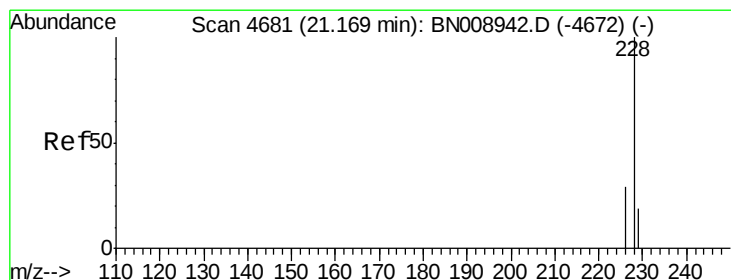
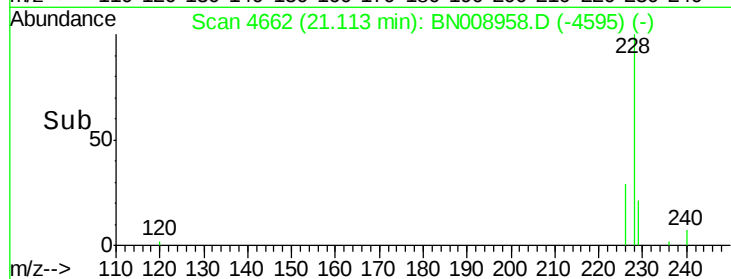
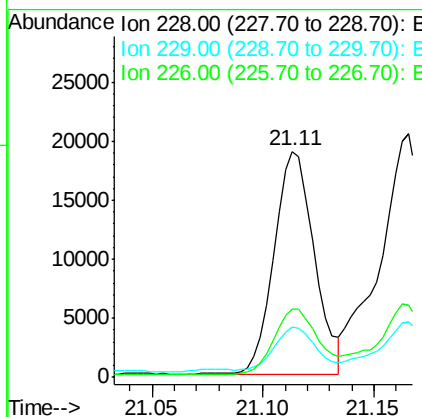
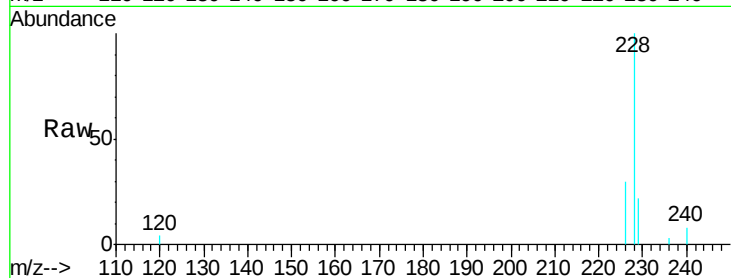
#18
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.00 min
Lab File: BN008958.D
Acq: 12 Dec 2019 22:37

Instrument :
BNA_N
ClientSampleId :
C0BR4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	30.0	21.5	32.3

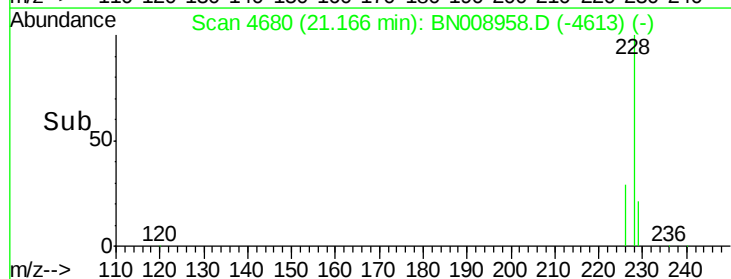
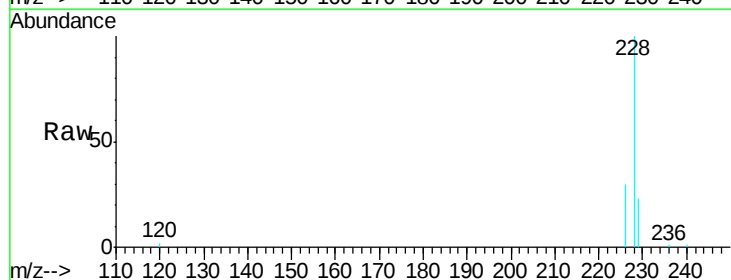
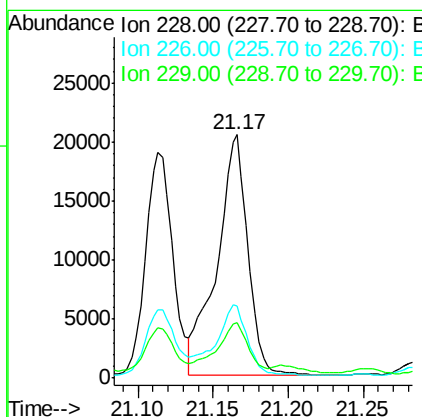
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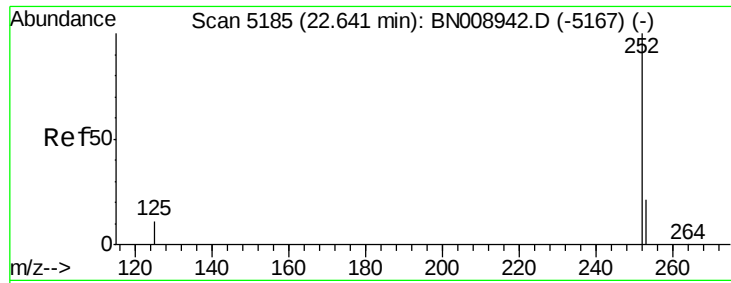
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#19
Chrysene
Concen: 0.511 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.00 min
Lab File: BN008958.D
Acq: 12 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	22.7	15.6	23.4





#21

Benzo(b)fluoranthene

Concen: 0.648 ng/ul m

RT: 22.64 min Scan# 5185

Delta R.T. -0.00 min

Lab File: BN008958.D

Acq: 12 Dec 2019 22:37

Instrument :

BNA_N

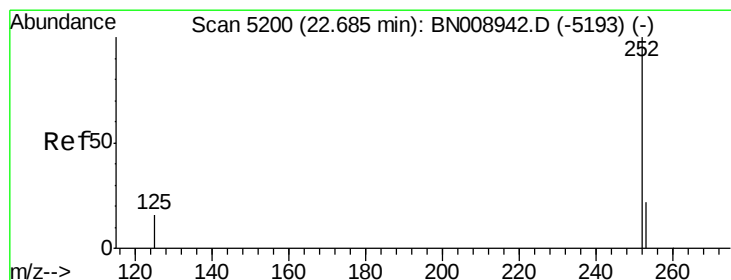
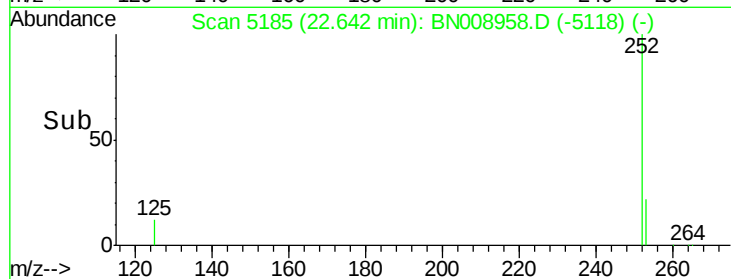
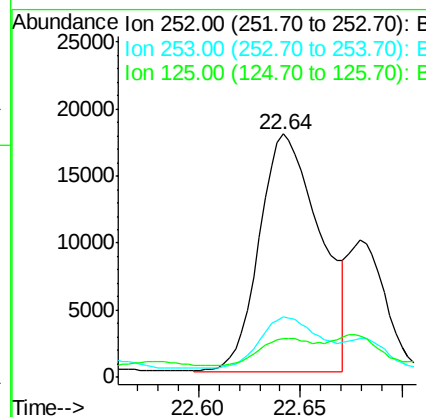
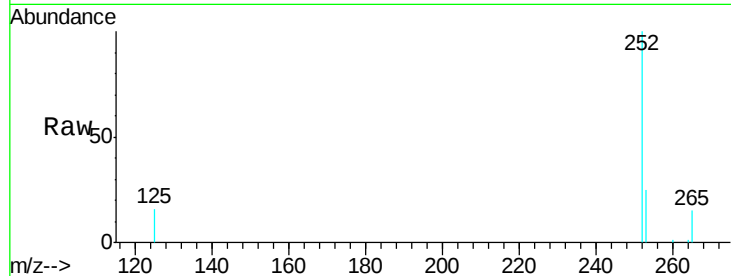
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	37069		
253	24.8	0.0	48.6	
125	16.1	0.0	31.6	

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#22

Benzo(k)fluoranthene

Concen: 0.214 ng/ul m

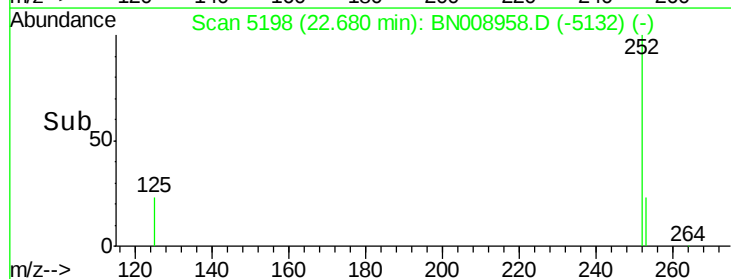
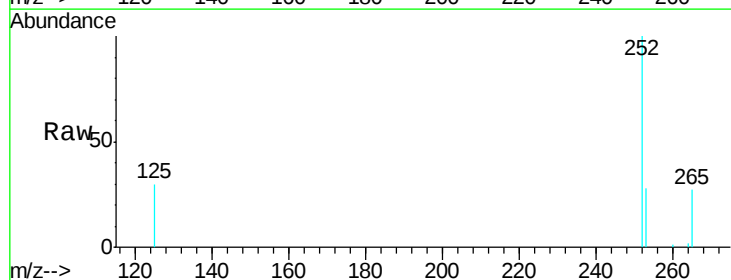
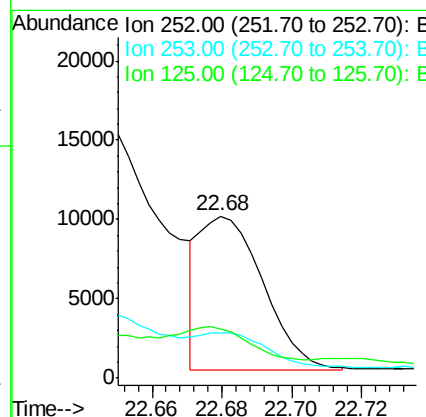
RT: 22.68 min Scan# 5198

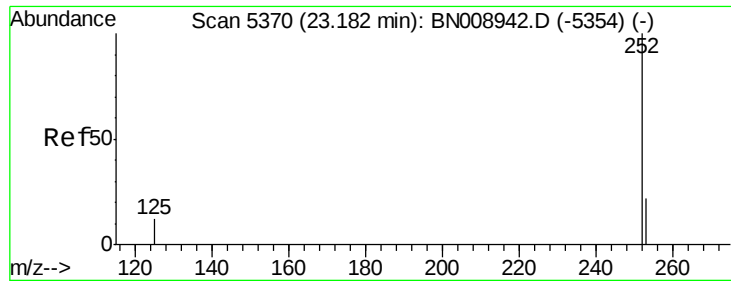
Delta R.T. -0.01 min

Lab File: BN008958.D

Acq: 12 Dec 2019 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	12156		
253	28.3	19.6	29.4	
125	30.4	13.8	20.6	





#23

Benzo(a)pyrene

Concen: 0.367 ng/u1

RT: 23.18 min Scan# 5370

Delta R.T. -0.00 min

Lab File: BN008958.D

Acq: 12 Dec 2019 22:37

Instrument :

BNA_N

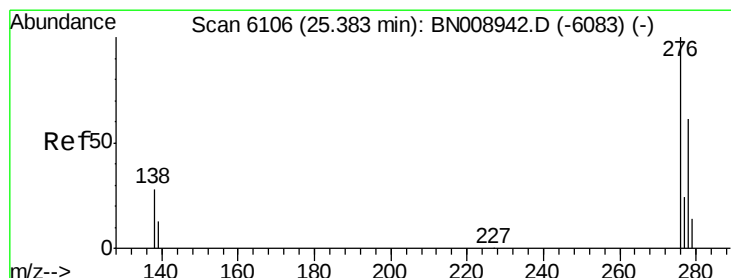
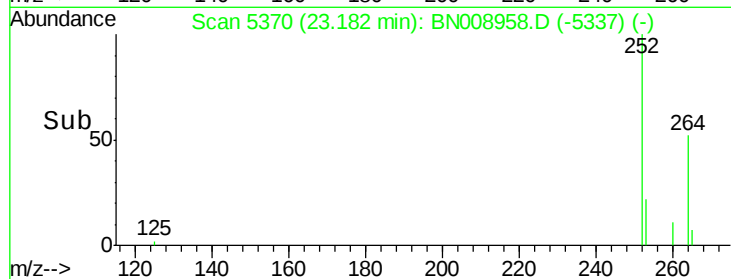
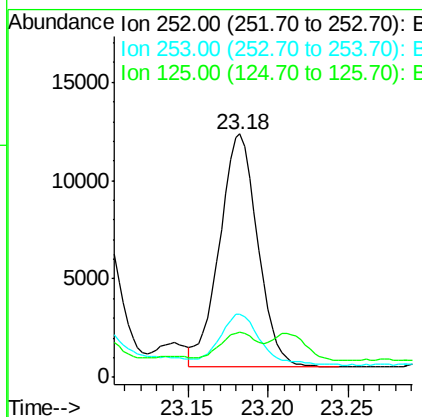
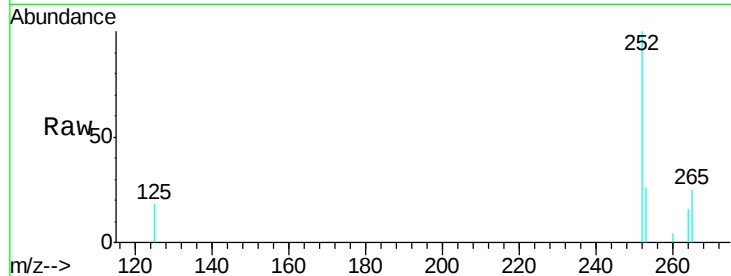
ClientSampleId :

C0BR4

Tgt Ion:	252	Resp:	19703
Ion Ratio	Lower	Upper	
252	100		
253	26.1	19.9	29.9
125	18.4	14.6	22.0

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.203 ng/u1

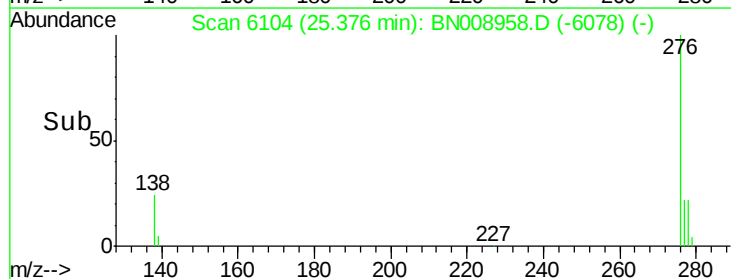
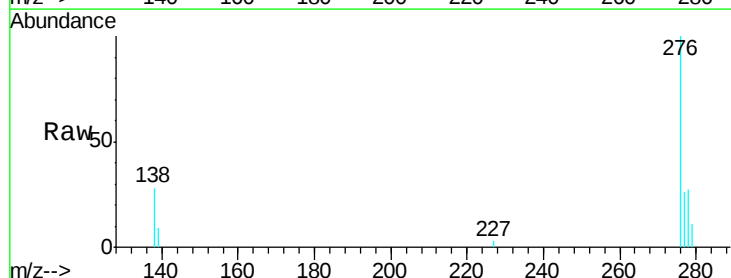
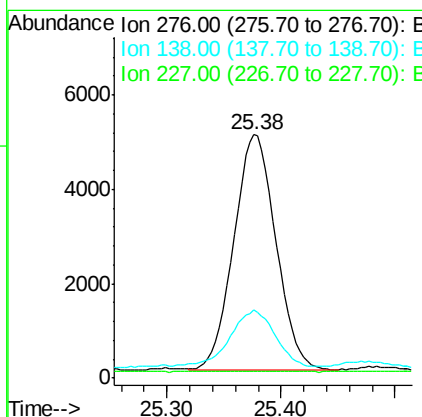
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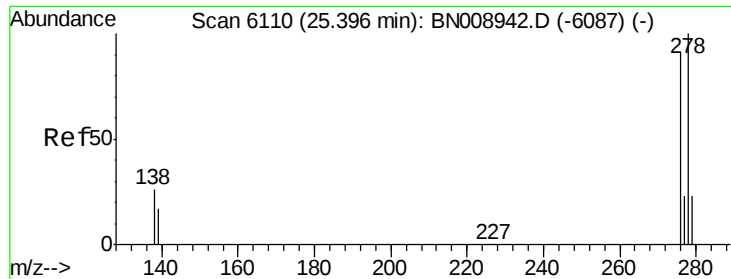
Delta R.T. -0.01 min

Lab File: BN008958.D

Acq: 12 Dec 2019 22:37

Tgt Ion:	276	Resp:	12766
Ion Ratio	Lower	Upper	
276	100		
138	25.7	23.8	35.6
227	0.1	0.2	0.2#





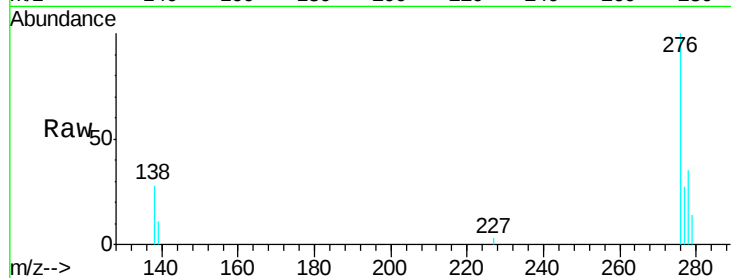
#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.02 min
Lab File: BN008958.D
Acq: 12 Dec 2019 22:37

Instrument :
BNA_N
ClientSampleId :
C0BR4

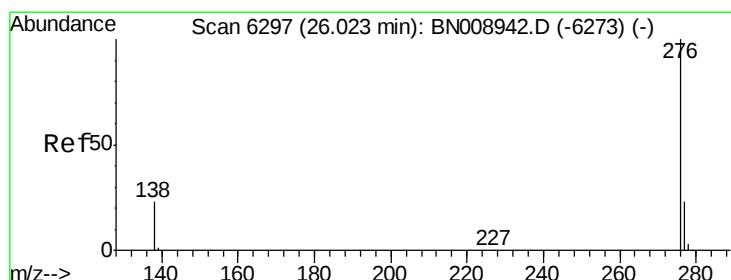
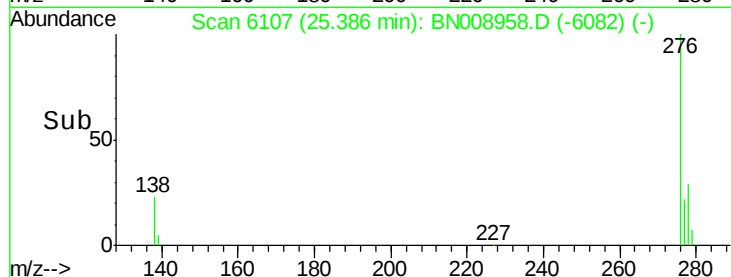
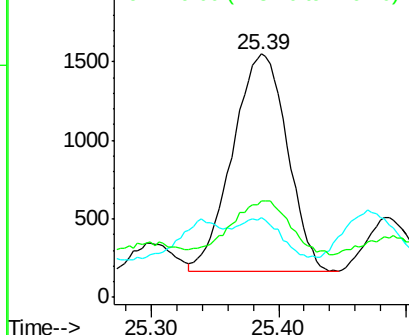
Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.6	17.4	26.0#
279	39.4	20.5	30.7#

Manual Integrations
APPROVED

mohammad
12/13/2019 9:08:32 AM



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(g,h,i)perylene
Concen: 0.219 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008958.D
Acq: 12 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.9	32.9
277	25.5	19.9	29.9

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

