

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008955.D
 Acq On : 12 Dec 2019 20:50
 Operator : JU
 Sample : K6089-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BR1

Manual Integrations
 APPROVED

mohammad
 12/13/2019 9:08:04 AM

Quant Time: Dec 13 01:36:05 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	2597	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11390	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7276	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16708	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14080	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14092	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3596	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	11183	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.36	128	1203	0.035	ng/ul#	84
5) 2-Methylnaphthalene	11.98	142	1445	0.060	ng/ul	98
7) Acenaphthylene	13.90	152	896	0.022	ng/ul#	74
12) Phenanthrene	16.97	178	11686	0.207	ng/ul	98
13) Anthracene	17.06	178	1232	0.023	ng/ul#	79
15) Fluoranthene	18.99	202	14914	0.215	ng/ul	96
17) Pyrene	19.35	202	14173m	0.251	ng/ul	
18) Benzo(a)anthracene	21.11	228	6770	0.120	ng/ul#	73
19) Chrysene	21.16	228	17491	0.315	ng/ul#	88
21) Benzo(b)fluoranthene	22.64	252	11496m	0.198	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	2473m	0.043	ng/ul	
23) Benzo(a)pyrene	23.18	252	5471	0.100	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.38	276	3452	0.054	ng/ul	100
25) Dibenzo(a,h)anthracene	25.38	278	1410	0.027	ng/ul#	7
26) Benzo(g,h,i)perylene	26.02	276	3927	0.074	ng/ul#	83

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

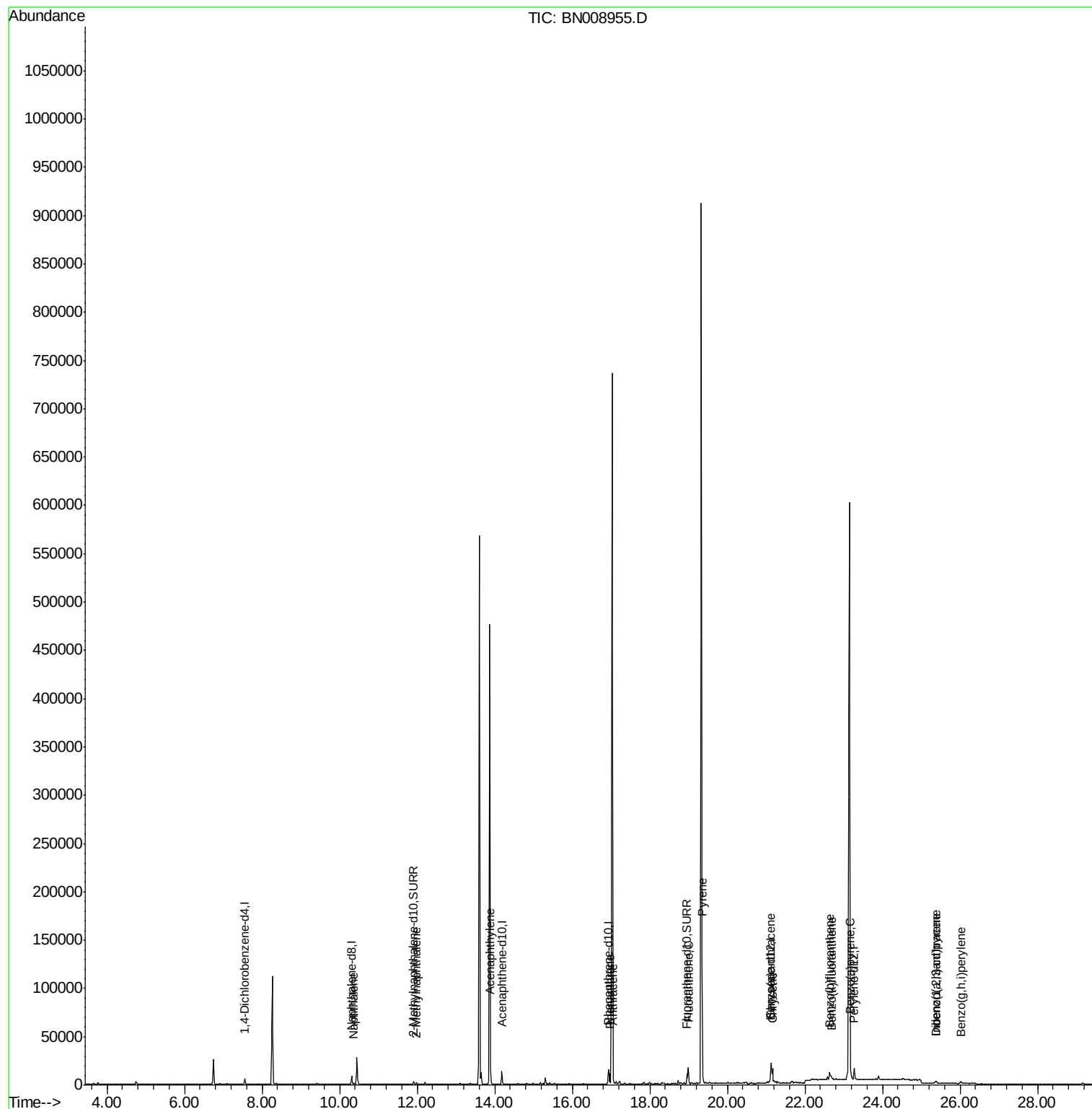
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008955.D
Acq On : 12 Dec 2019 20:50
Operator : JU
Sample : K6089-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

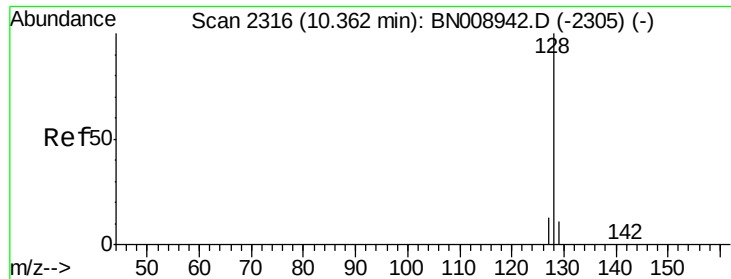
Instrument :
BNA_N
ClientSampleId :
C0BR1

Manual Integrations
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Quant Time: Dec 13 01:36:05 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: 0.035 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

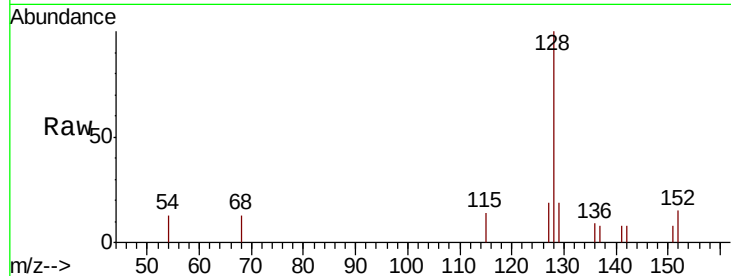
ClientSampleId :

C0BR1

Tot Ion:	128	Resp:	1203
Ion Ratio	Lower	Upper	
128	100		
129	18.9	9.1	13.7#
127	18.6	10.7	16.1#

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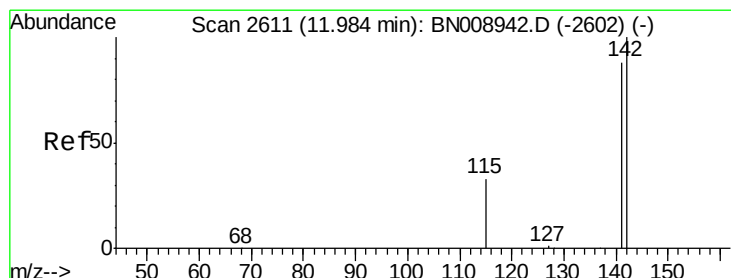
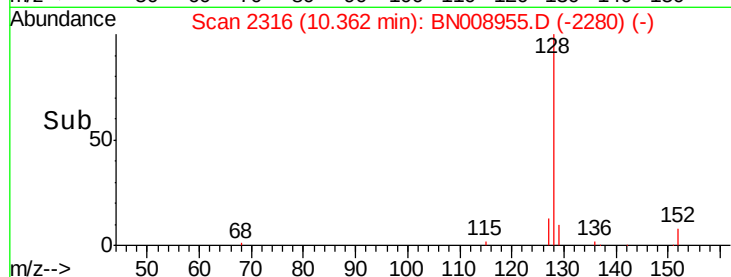
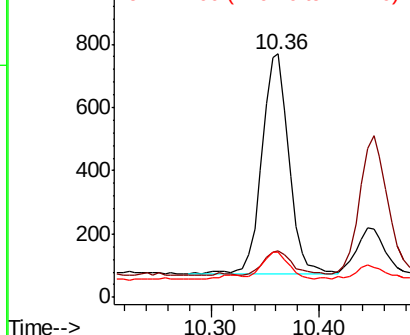


Abundance

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: 0.060 ng/ul

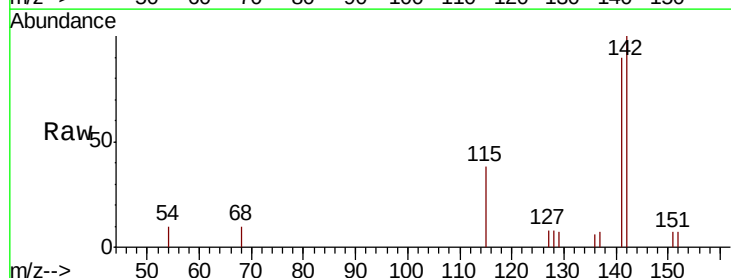
RT: 11.98 min Scan# 2611

Delta R.T. 0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

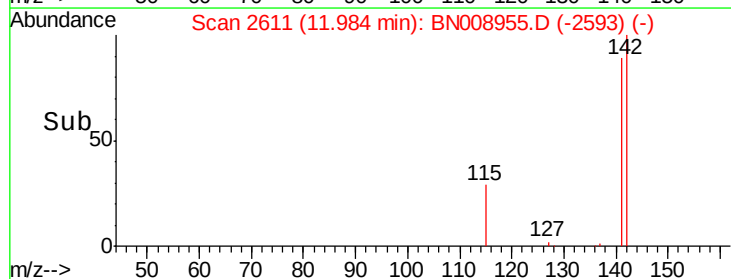
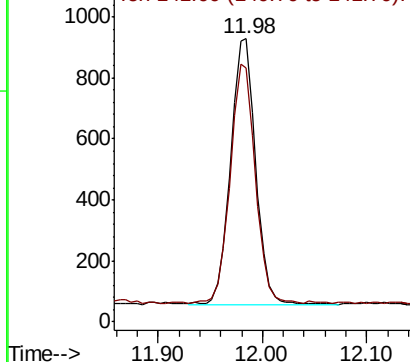
Tgt Ion:	142	Resp:	1445
Ion Ratio	Lower	Upper	
142	100		
141	89.6	70.1	105.1

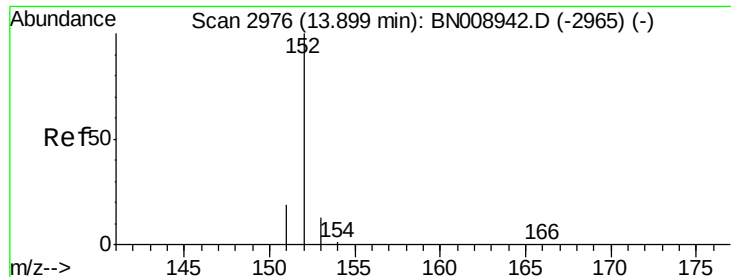


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

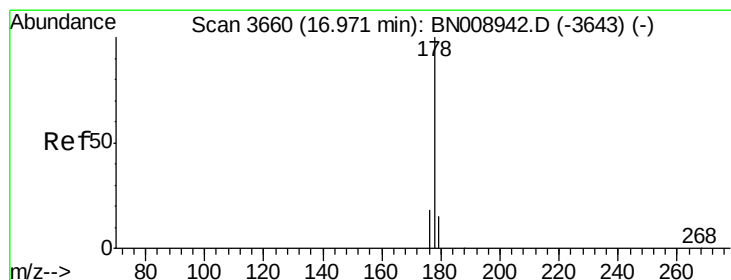
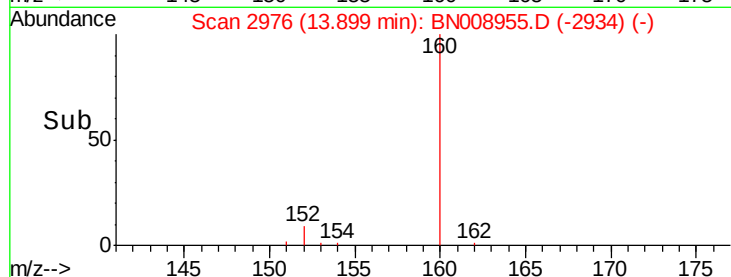
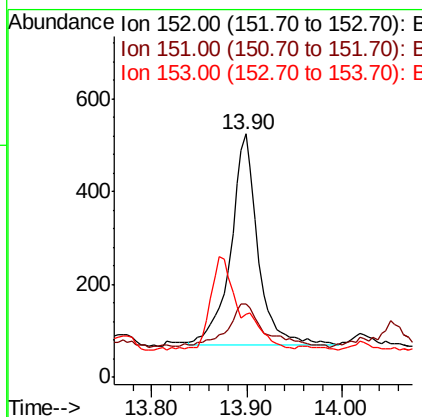
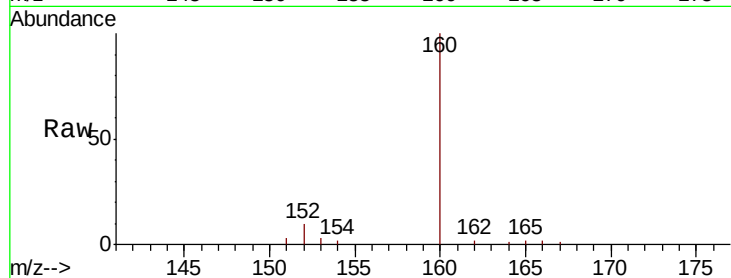
ClientSampleId :

C0BR1

Tot Ion:	152	Resp:	896
Ion Ratio	Lower	Upper	
152	100		
151	29.9	15.8	23.6#
153	25.9	10.6	15.8#

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#12

Phenanthrene

Concen: 0.207 ng/ul

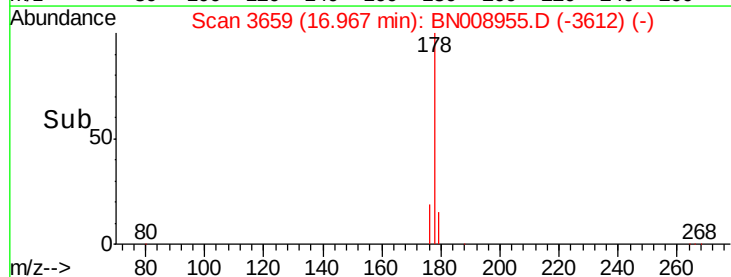
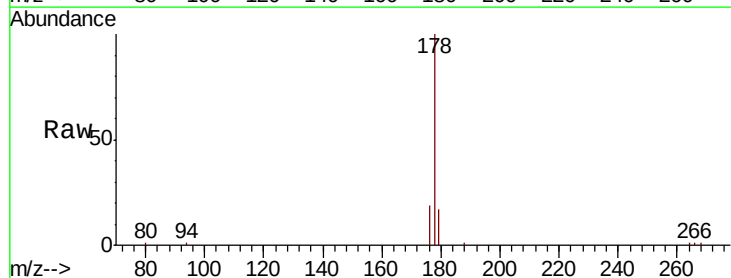
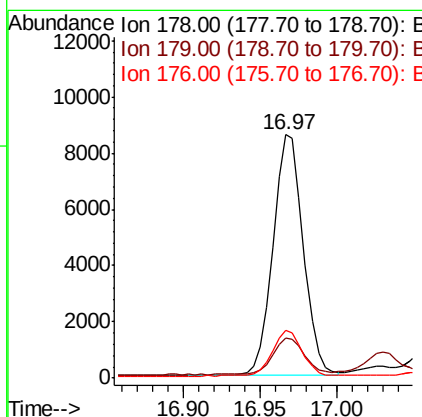
RT: 16.97 min Scan# 3659

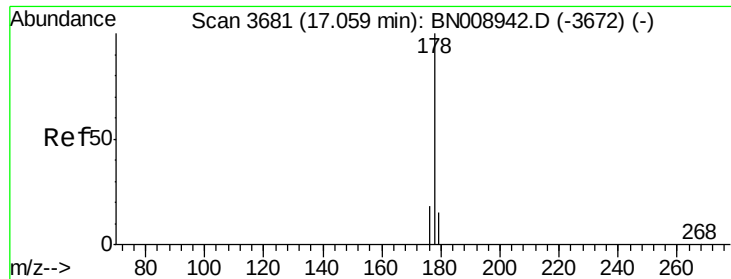
Delta R.T. -0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Tgt Ion:	178	Resp:	11686
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.6	18.8
176	19.5	15.3	22.9





#13

Anthracene

Concen: 0.023 ng/ul

RT: 17.06 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

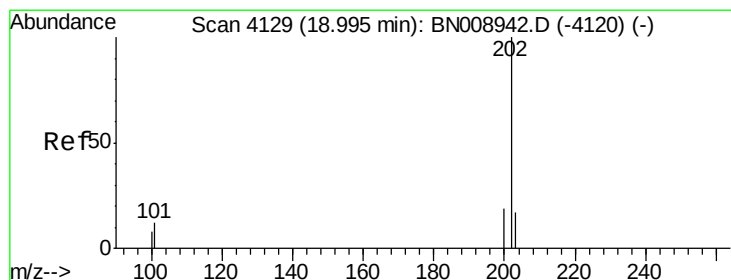
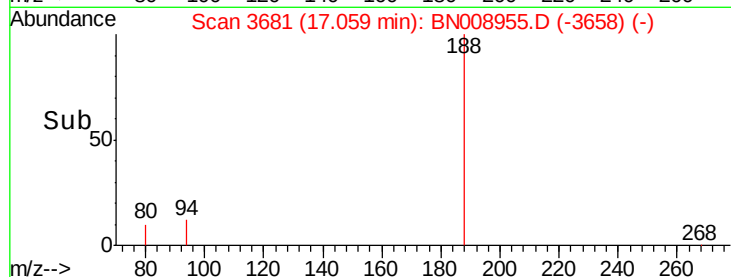
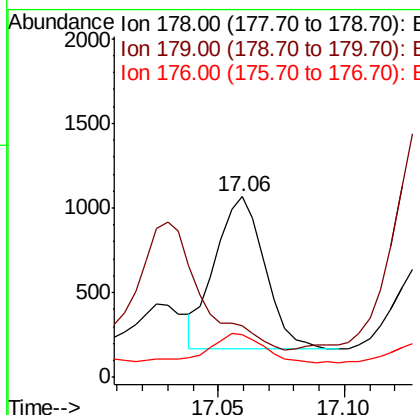
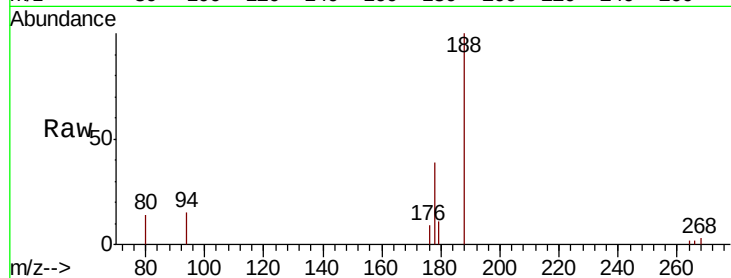
ClientSampleId :

C0BR1

Tot Ion:	178	Resp:	1232
Ion Ratio	Lower	Upper	
178	100		
179	28.6	12.2	18.4#
176	23.8	14.7	22.1#

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#15

Fluoranthene

Concen: 0.215 ng/ul

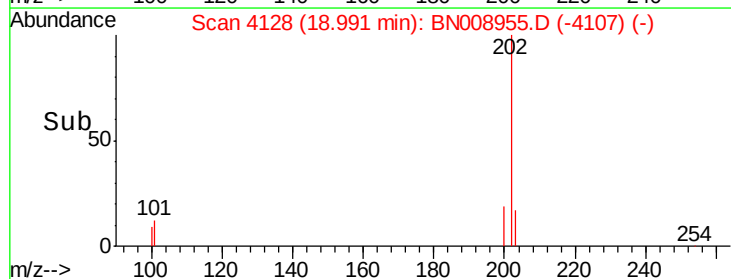
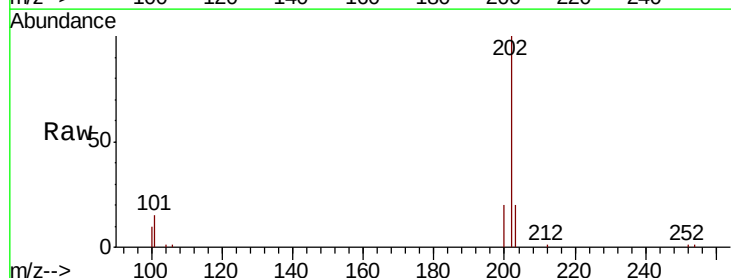
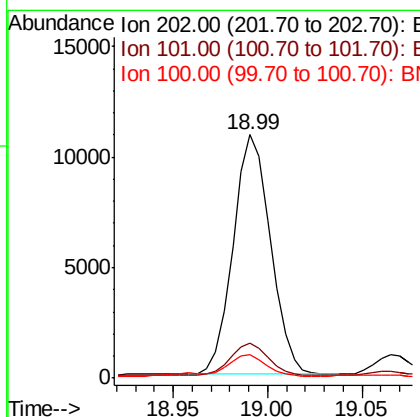
RT: 18.99 min Scan# 4128

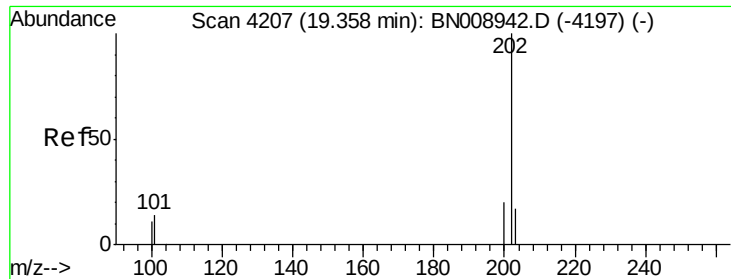
Delta R.T. -0.00 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Tgt Ion:	202	Resp:	14914
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	32.4
100	9.6	0.0	29.2





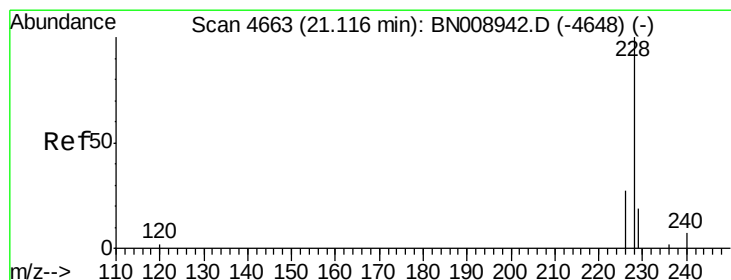
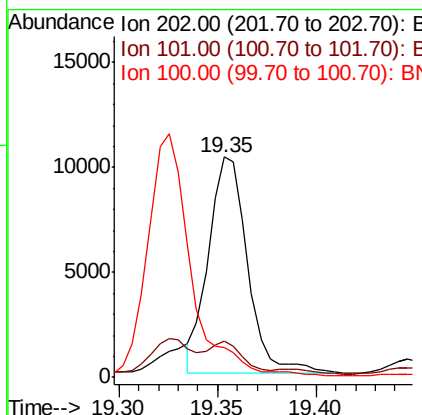
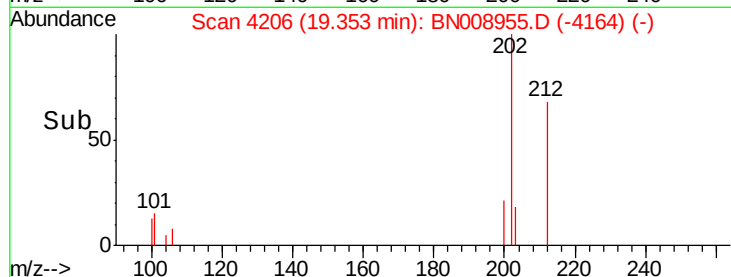
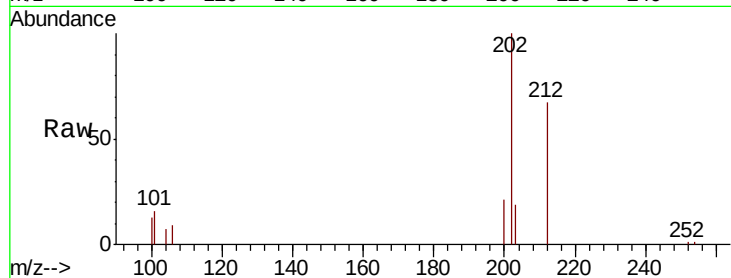
#17
Pvrene
Concen: 0.251 ng/ul m
RT: 19.35 min Scan# 4206
Delta R.T. -0.00 min
Lab File: BN008955.D
Acq: 12 Dec 2019 20:50

Instrument :
BNA_N
ClientSampleId :
C0BR1

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.3	12.2	18.4
100	13.5	9.5	14.3

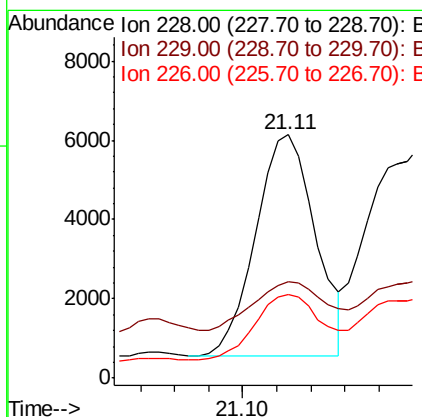
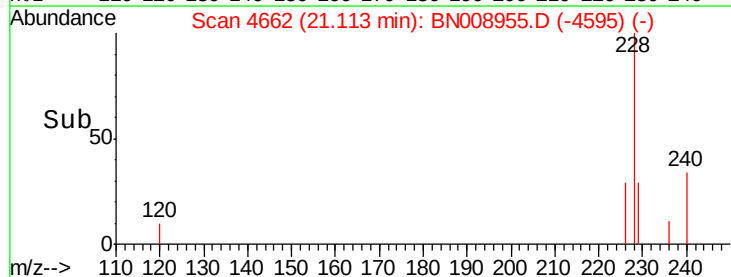
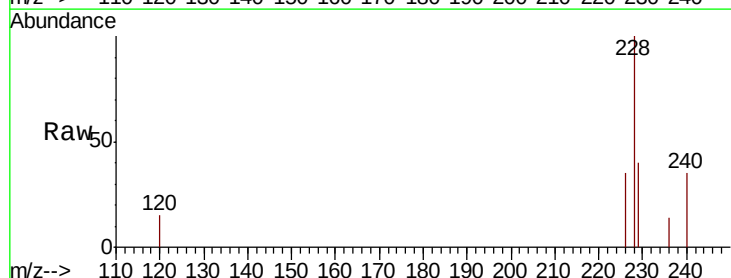
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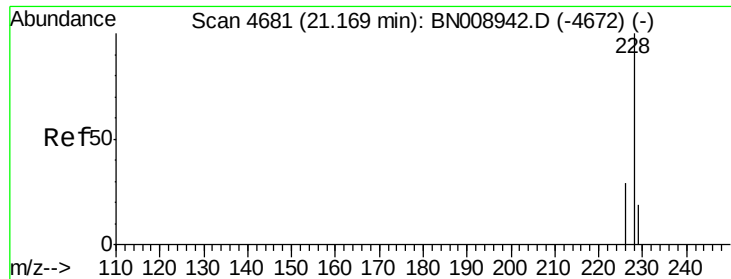
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#18
Benzo(a)anthracene
Concen: 0.120 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.00 min
Lab File: BN008955.D
Acq: 12 Dec 2019 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	39.6	15.7	23.5#
226	34.5	21.5	32.3#





#19

Chrysene

Concen: 0.315 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.01 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

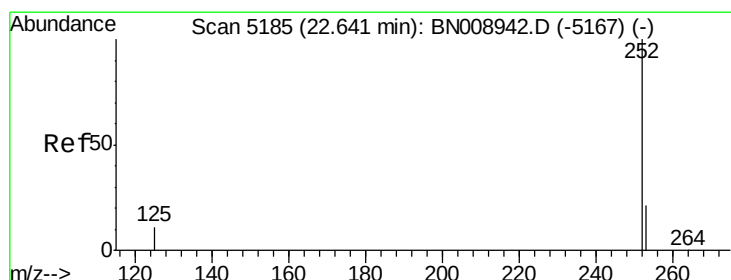
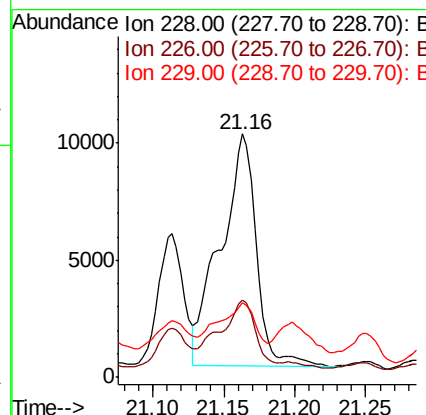
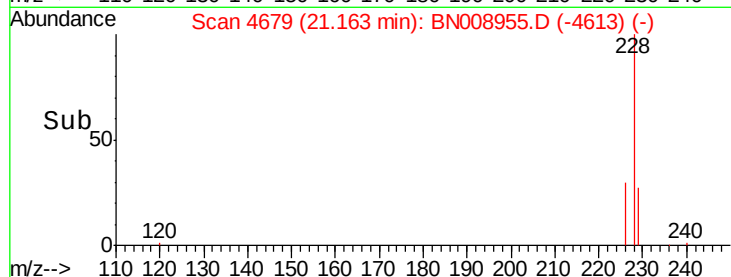
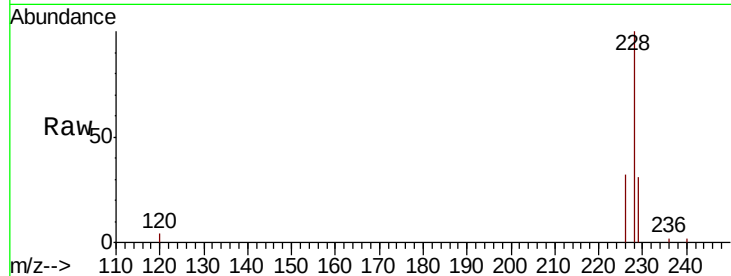
ClientSampled :

C0BR1

Tot Ion:	228	Resp:	17491
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.8	35.6
229	30.6	15.6	23.4#

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#21

Benzo(b)fluoranthene

Concen: 0.198 ng/ul m

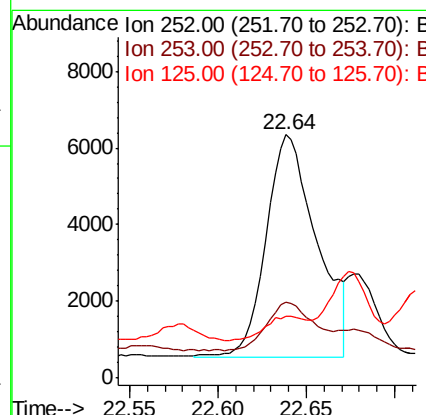
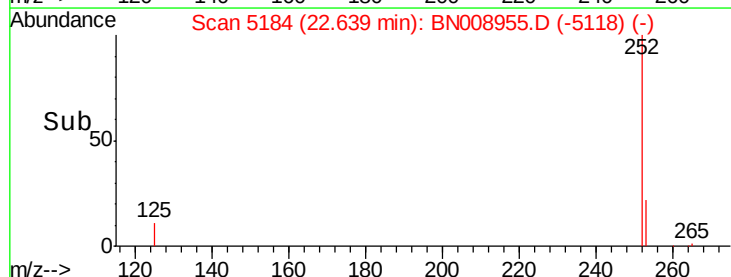
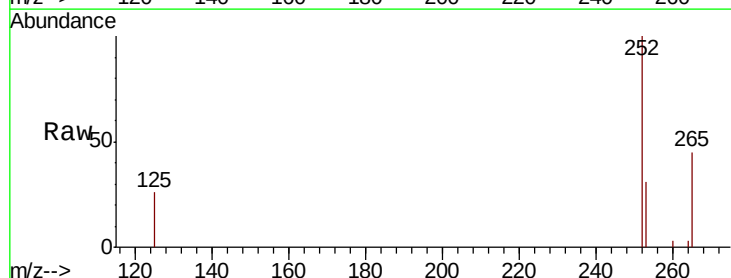
RT: 22.64 min Scan# 5184

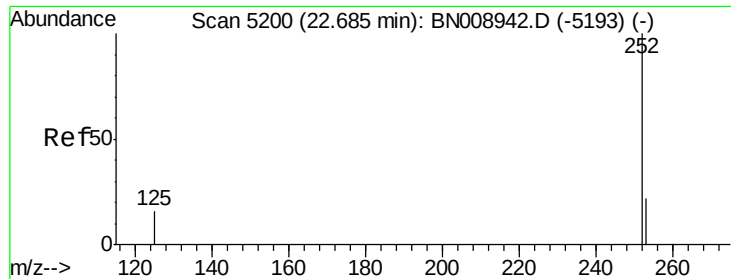
Delta R.T. -0.01 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Tgt Ion:	252	Resp:	11496
Ion Ratio	Lower	Upper	
252	100		
253	31.1	0.0	48.6
125	25.6	0.0	31.6





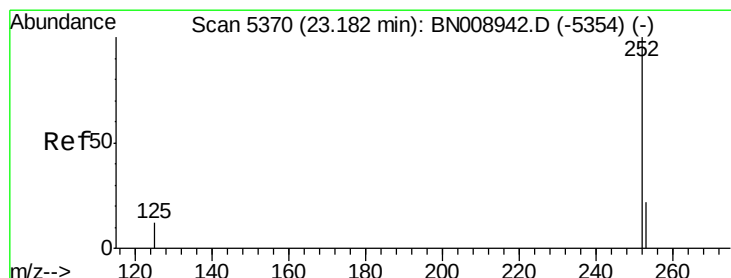
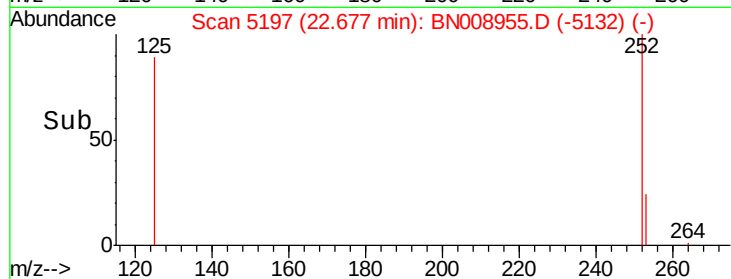
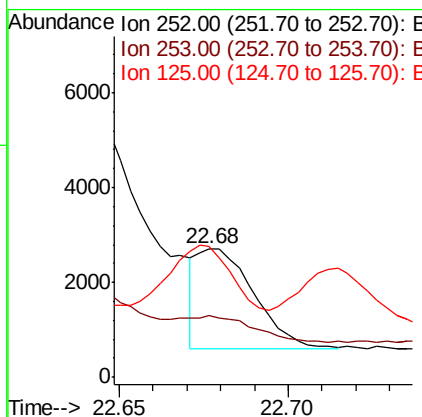
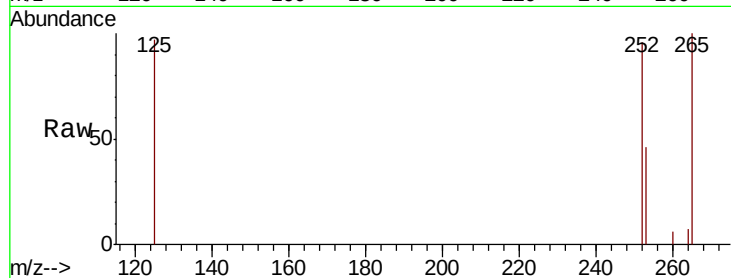
#22
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 22.68 min Scan# 5197
Delta R.T. -0.01 min
Lab File: BN008955.D
Acq: 12 Dec 2019 20:50

Instrument :
BNA_N
ClientSampleId :
C0BR1

Tot Ion	Ratio	Lower	Upper
252	100		
253	47.5	19.6	29.4#
125	101.5	13.8	20.6#

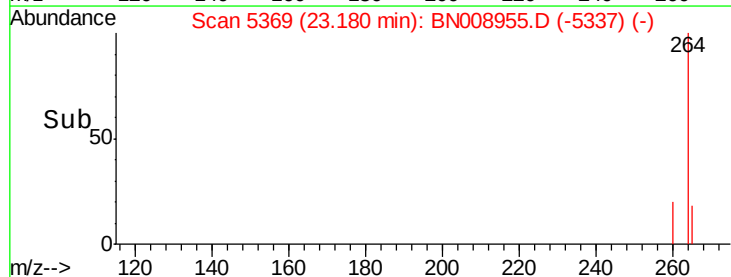
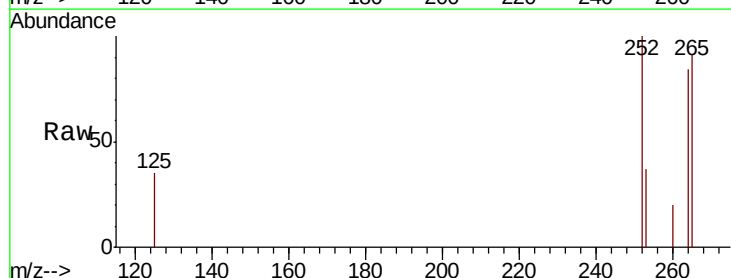
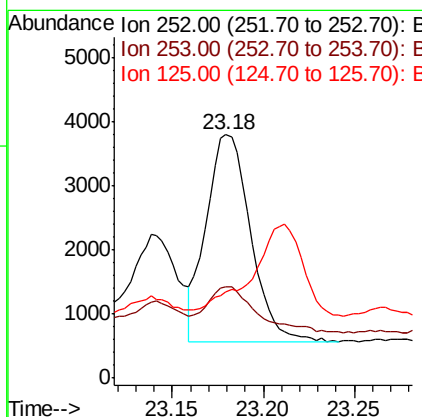
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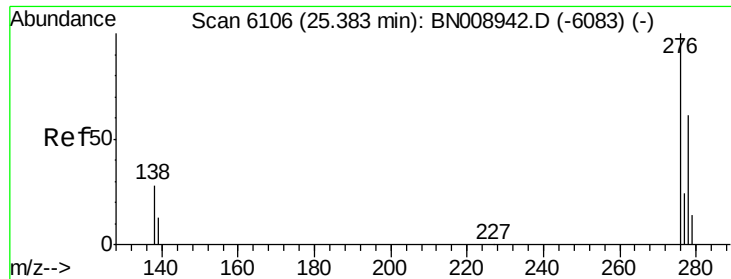
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#23
Benzo(a)pyrene
Concen: 0.100 ng/ul
RT: 23.18 min Scan# 5369
Delta R.T. -0.01 min
Lab File: BN008955.D
Acq: 12 Dec 2019 20:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.2	19.9	29.9#
125	35.4	14.6	22.0#





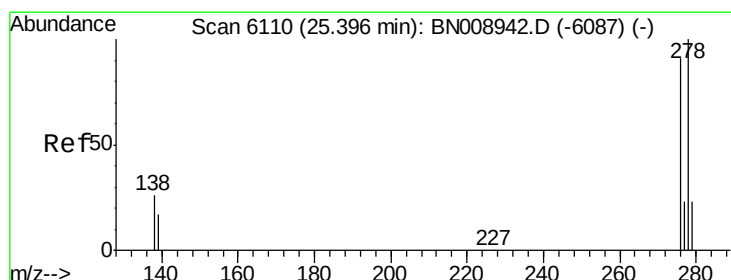
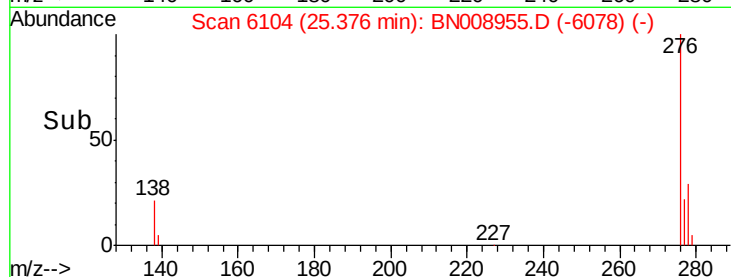
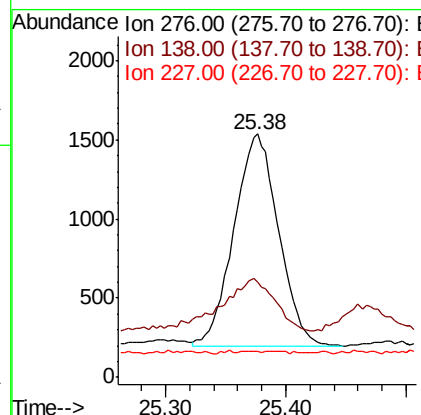
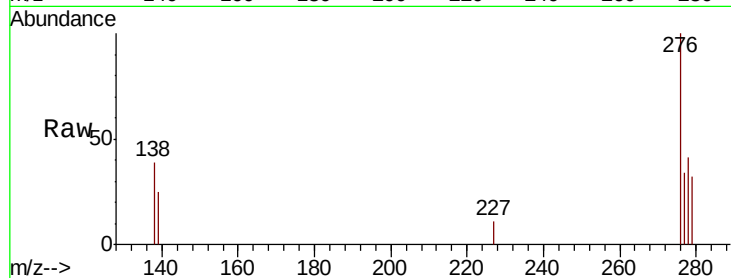
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.054 ng/ul
 RT: 25.38 min Scan# 6104
 Delta R.T. -0.01 min
 Lab File: BN008955.D
 Acq: 12 Dec 2019 20:50

Instrument :
 BNA_N
 ClientSampleId :
 C0BR1

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	23.8	35.6
227	0.2	0.2	0.2

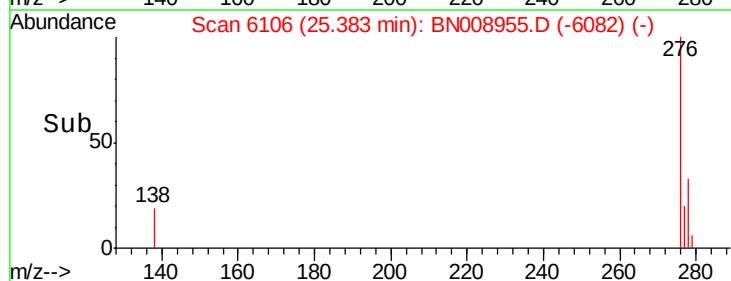
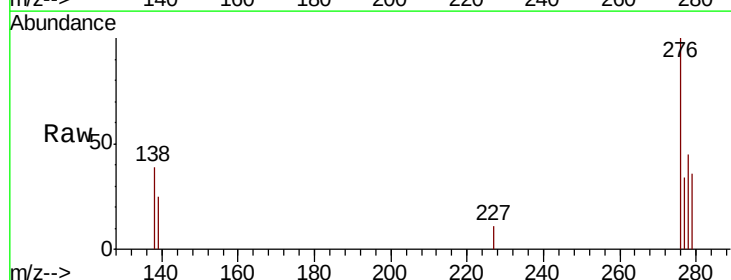
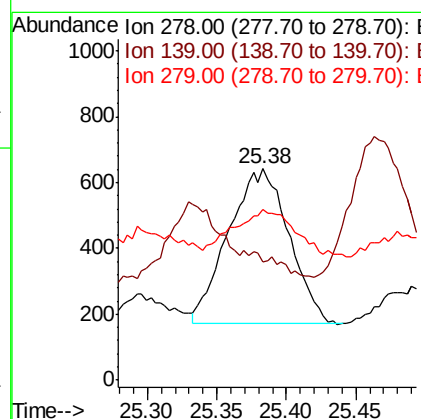
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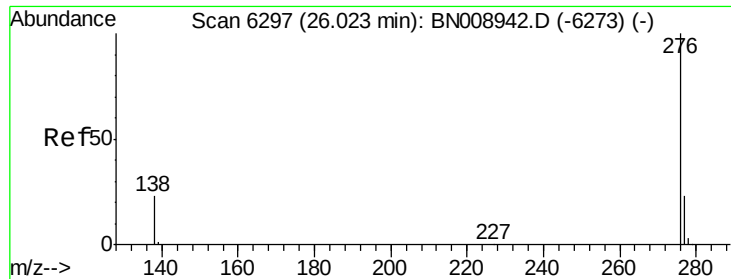
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.027 ng/ul
 RT: 25.38 min Scan# 6106
 Delta R.T. -0.02 min
 Lab File: BN008955.D
 Acq: 12 Dec 2019 20:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	56.2	17.4	26.0#
279	81.0	20.5	30.7#





#26

Benzo(a,h,i)perylene

Concen: 0.074 ng/ul

RT: 26.02 min Scan# 6295

Delta R.T. -0.01 min

Lab File: BN008955.D

Acq: 12 Dec 2019 20:50

Instrument :

BNA_N

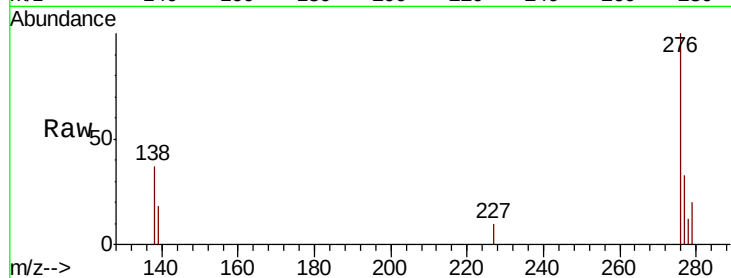
ClientSampleId :

C0BR1

Tot Ion:	276	Resp:	3927
Ion Ratio	Lower	Upper	
276	100		
138	36.9	21.9	32.9#
277	32.7	19.9	29.9#

Manual Integrations
APPROVED

mohammad
12/13/2019 9:08:04 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

2000

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

