

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012274.D
 Acq On : 16 Oct 2020 19:27
 Operator : CG/JU
 Sample : L4201-17
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK3

Manual Integrations
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Quant Time: Oct 17 04:08:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 02:30:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1832	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7605	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4360	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8653	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	6589	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6775	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2080	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	4052	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1733	0.079	ng/ul#	93
5) 2-Methylnaphthalene	12.06	142	2079	0.149	ng/ul	98
7) Acenaphthylene	13.98	152	5173	0.274	ng/ul#	94
8) Acenaphthene	14.32	153	9865	0.617	ng/ul	99
9) Fluorene	15.31	166	18415	1.035	ng/ul	100
12) Phenanthrene	17.05	178	252016	9.137	ng/ul	97
13) Anthracene	17.14	178	71463	3.020	ng/ul	97
15) Fluoranthene	19.07	202	321630	9.972	ng/ul	100
17) Pyrene	19.44	202	243856	8.209	ng/ul	100
18) Benzo(a)anthracene	21.20	228	140207	5.745	ng/ul	98
19) Chrysene	21.25	228	115302	3.878	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	139413m	5.095	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	48382m	1.597	ng/ul	
23) Benzo(a)pyrene	23.31	252	97029	3.645	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.59	276	63022	1.843	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	18736	0.685	ng/ul#	78
26) Benzo(a,h,i)perylene	26.26	276	47833	1.526	ng/ul	94

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

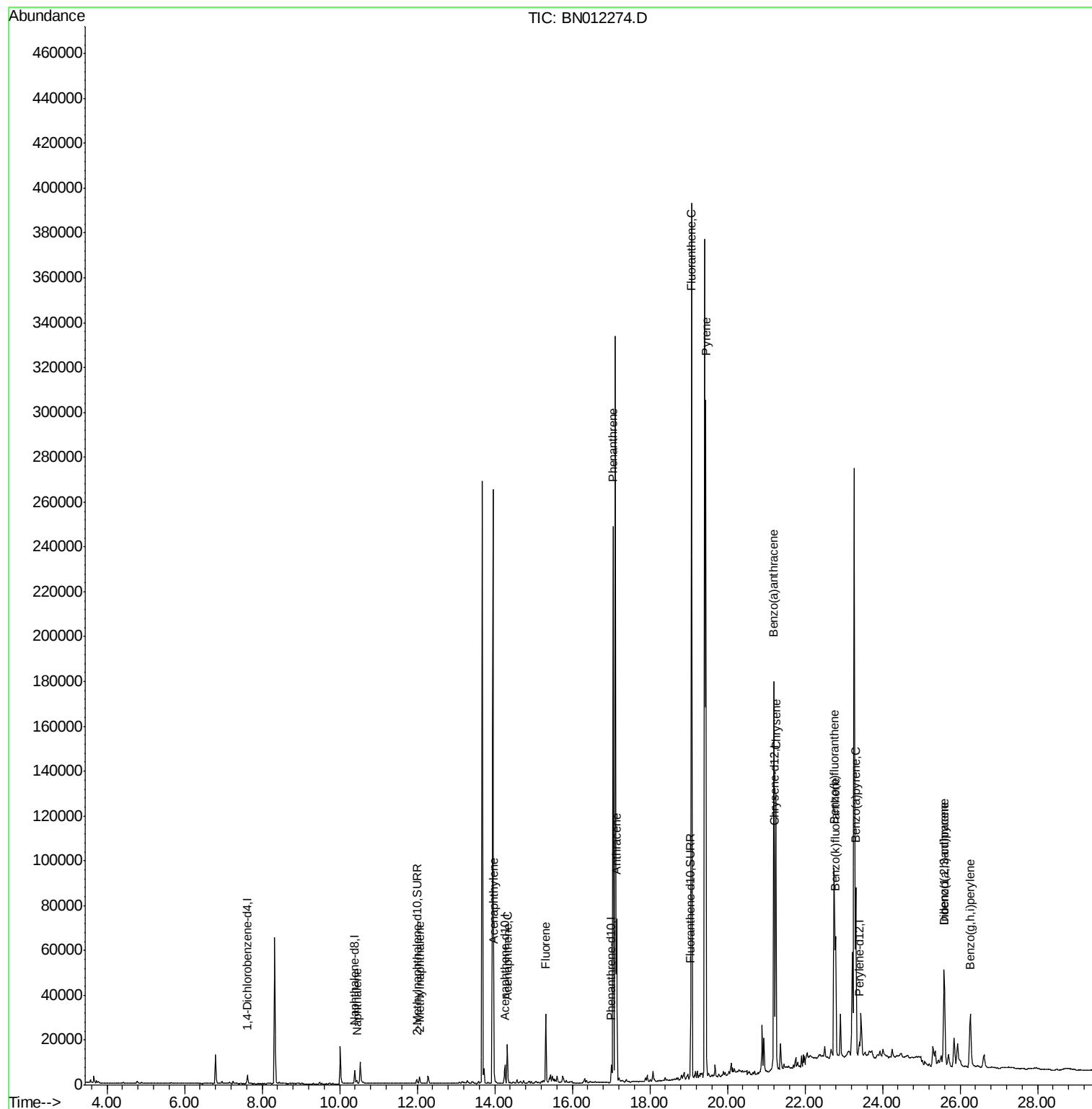
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
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ALS Vial : 86 Sample Multiplier: 1

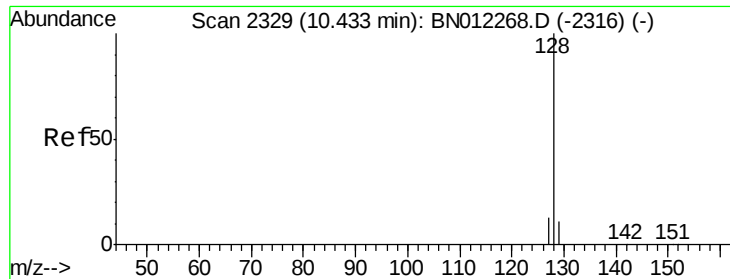
Instrument :
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Quant Time: Oct 17 04:08:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 17 02:30:59 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.079 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Instrument :

BNA_N

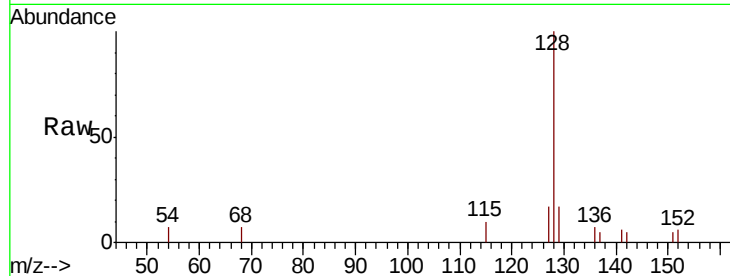
ClientSampleId :

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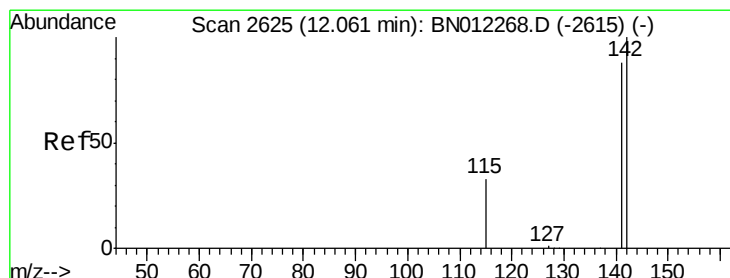
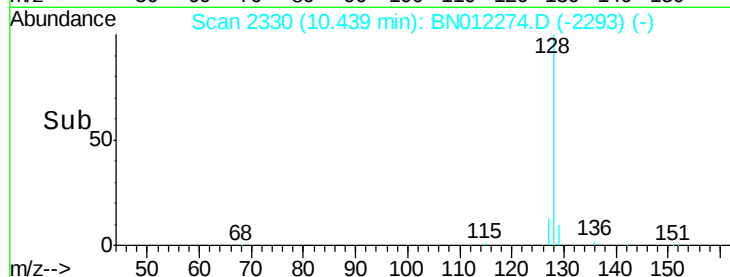
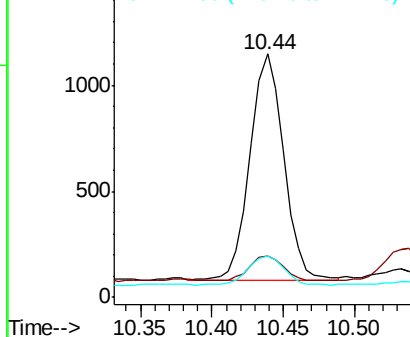
Tot Ion:	128	Resp:	1733
Ion Ratio	Lower	Upper	
128	100		
129	17.0	10.3	15.5#
127	17.0	11.9	17.9

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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: 0.149 ng/ul

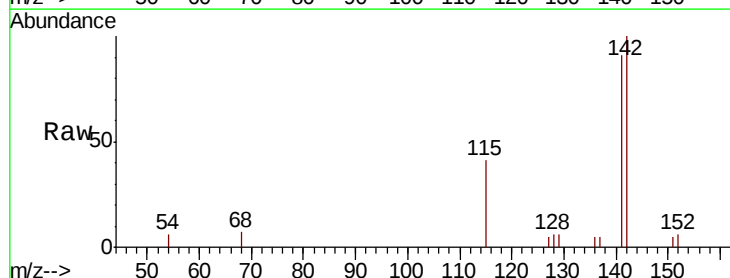
RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

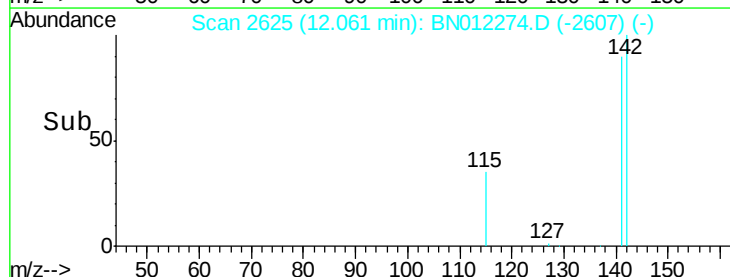
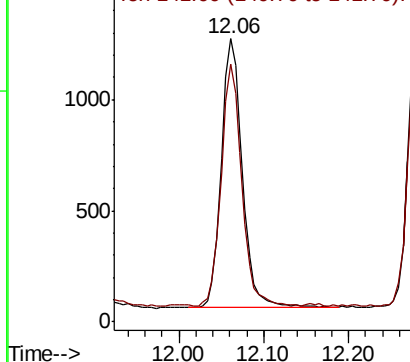
Lab File: BN012274.D

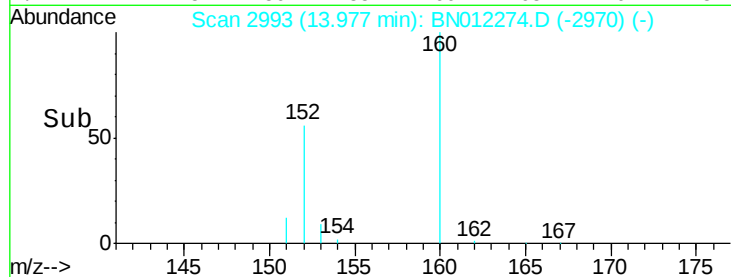
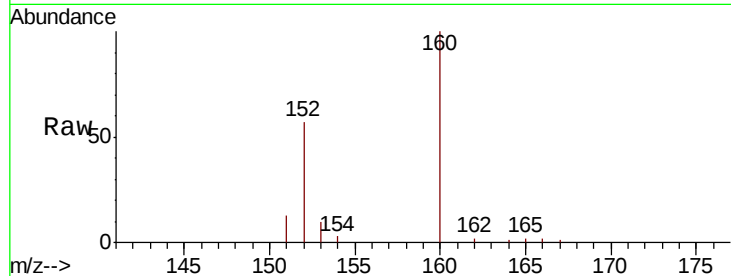
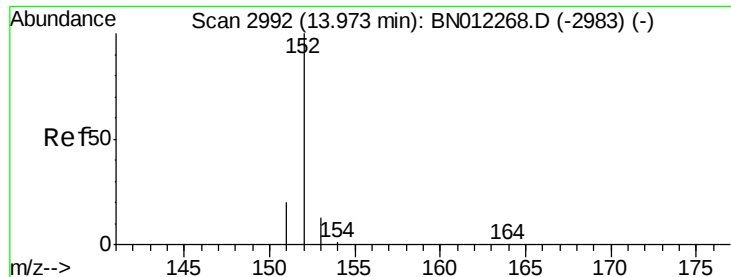
Acq: 16 Oct 2020 19:27

Tgt Ion:	142	Resp:	2079
Ion Ratio	Lower	Upper	
142	100		
141	87.8	71.7	107.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.274 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Tot Ion:	152	Resp:	5173
Ion Ratio	Lower	Upper	
152	100		
151	22.9	16.7	25.1
153	18.2	11.8	17.8

Instrument :

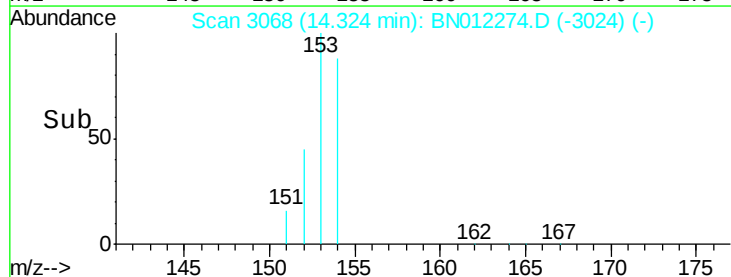
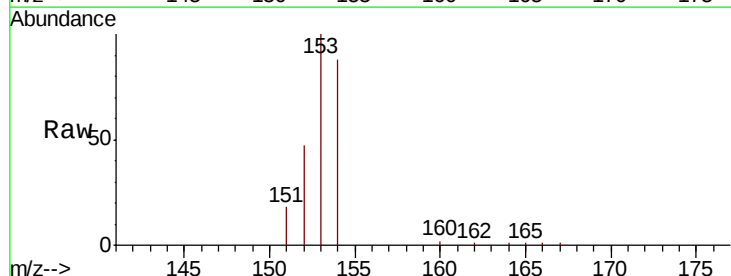
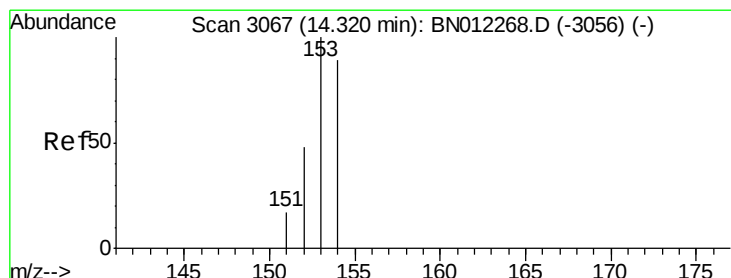
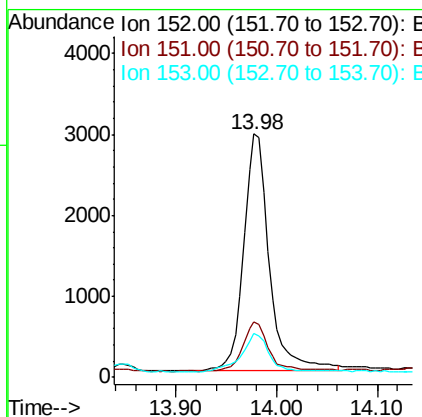
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#8

Acenaphthene

Concen: 0.617 ng/ul

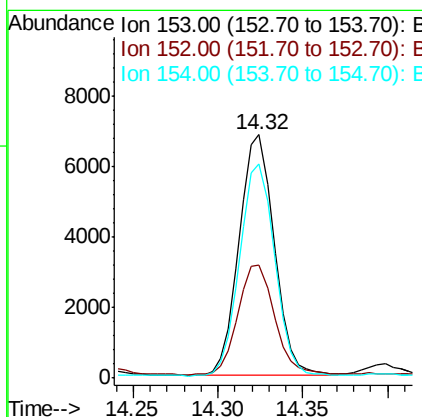
RT: 14.32 min Scan# 3068

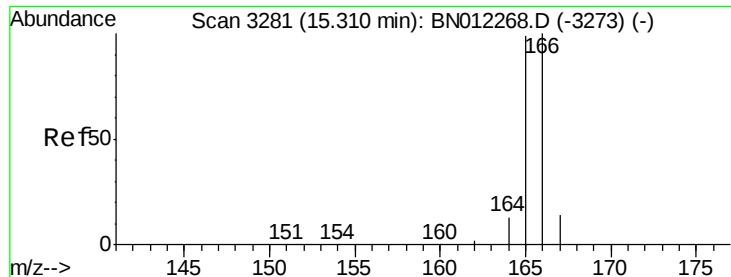
Delta R.T. 0.00 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Tgt Ion:	153	Resp:	9865
Ion Ratio	Lower	Upper	
153	100		
152	46.5	38.2	57.2
154	88.2	71.1	106.7





#9

Fluorene

Concen: 1.035 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Instrument :

BNA_N

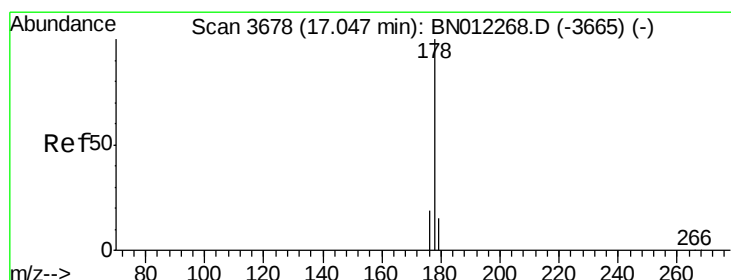
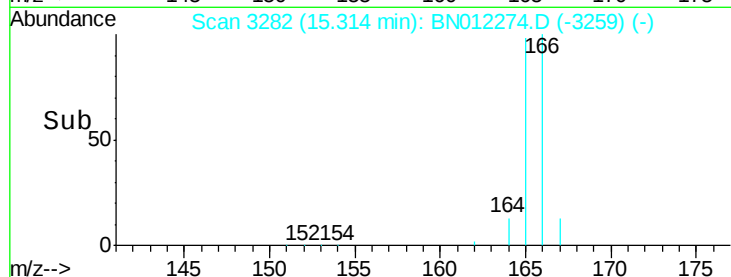
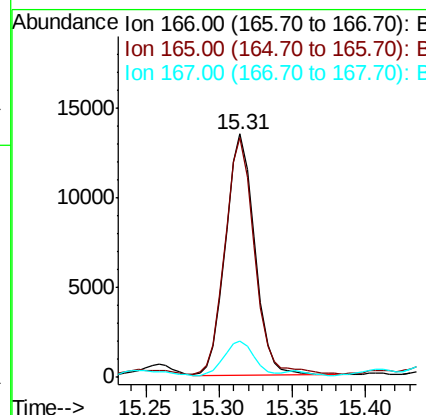
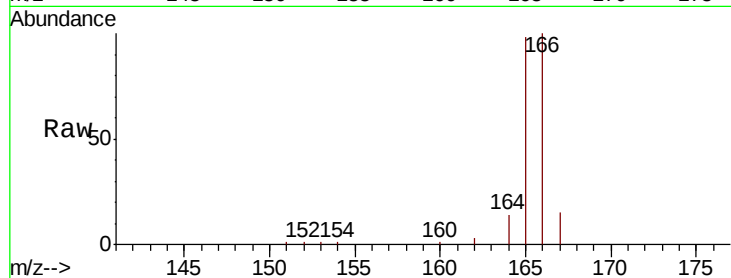
ClientSampleId :

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Tot Ion:	166	Resp:	18415
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.6	118.0
167	15.0	11.9	17.9

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#12

Phenanthrene

Concen: 9.137 ng/ul

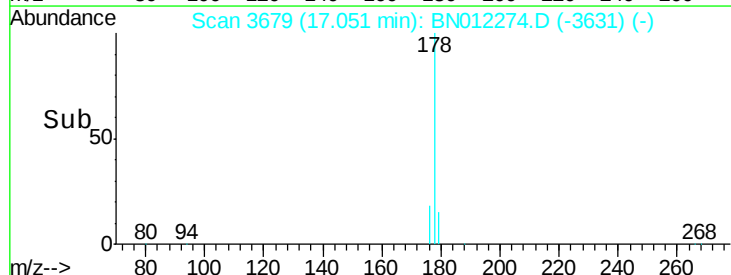
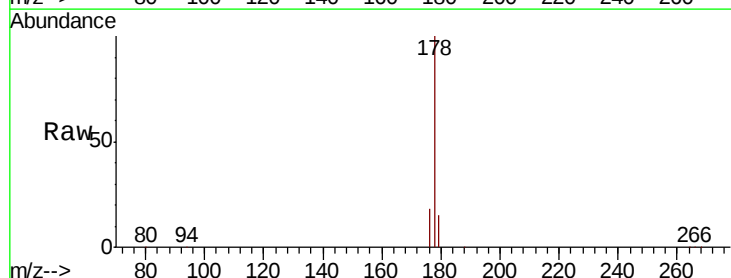
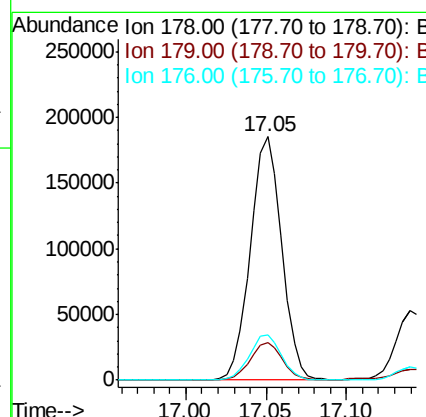
RT: 17.05 min Scan# 3679

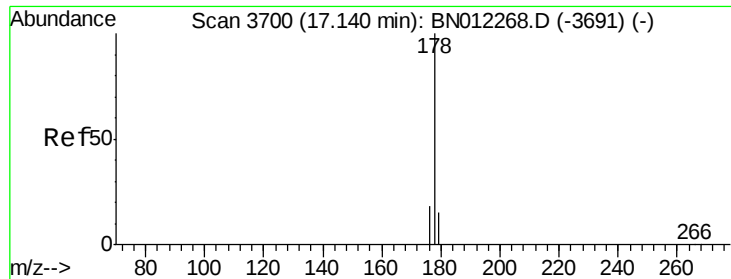
Delta R.T. 0.00 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Tgt Ion:	178	Resp:	252016
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.4	20.2
176	18.5	15.7	23.5





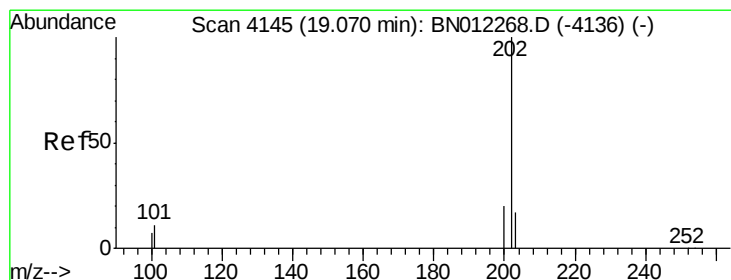
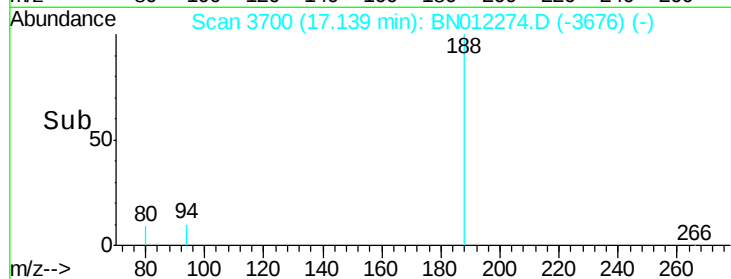
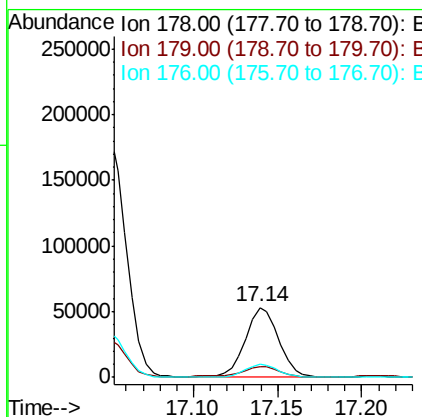
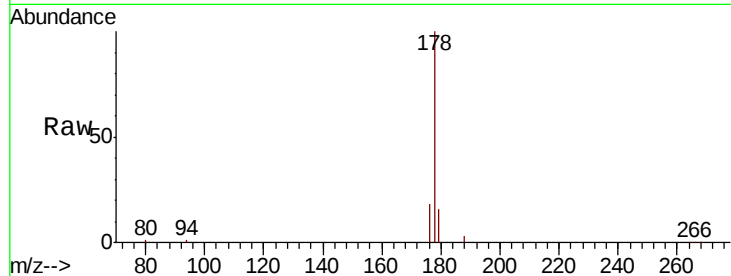
#13
 Anthracene
 Concen: 3.020 ng/ul
 RT: 17.14 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN012274.D
 Acq: 16 Oct 2020 19:27

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.9	20.9
176	18.4	15.4	23.0

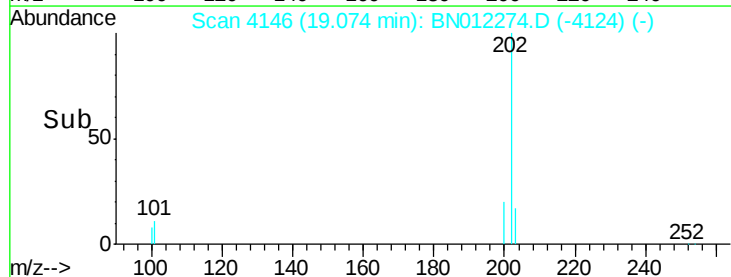
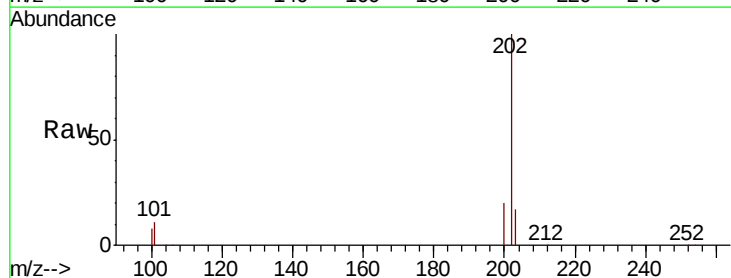
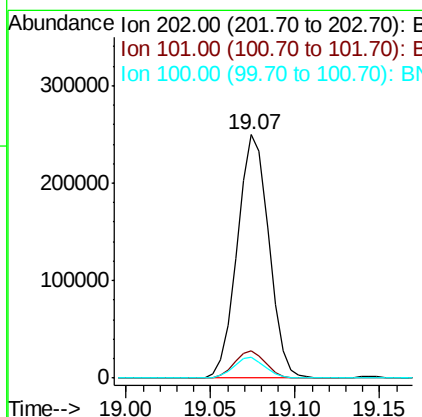
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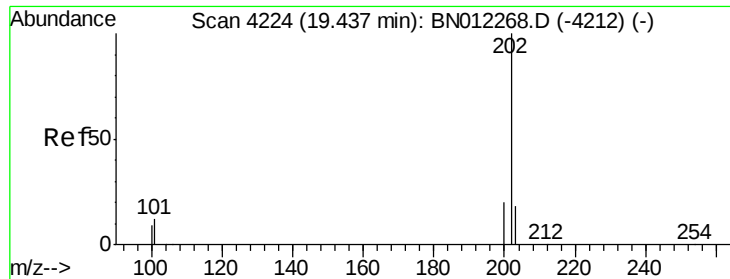
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#15
 Fluoranthene
 Concen: 9.972 ng/ul
 RT: 19.07 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN012274.D
 Acq: 16 Oct 2020 19:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.0
100	8.3	0.0	28.7





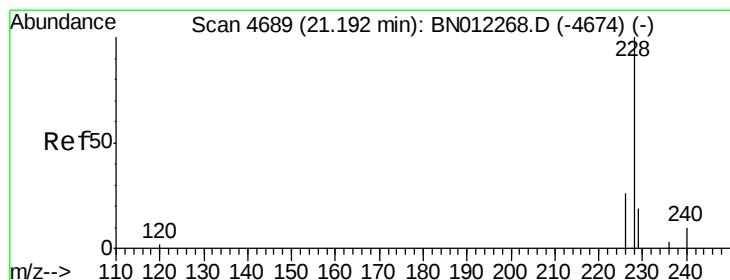
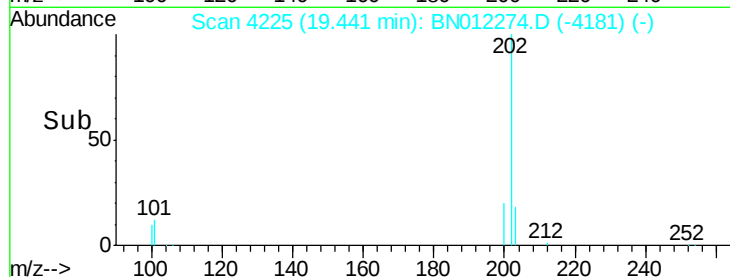
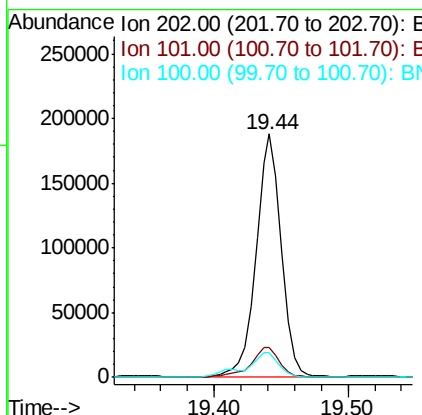
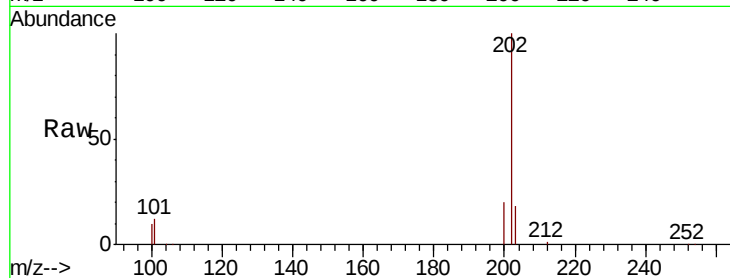
#17
Pvrene
Concen: 8.209 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	9.9	14.9
100	10.0	8.0	12.0

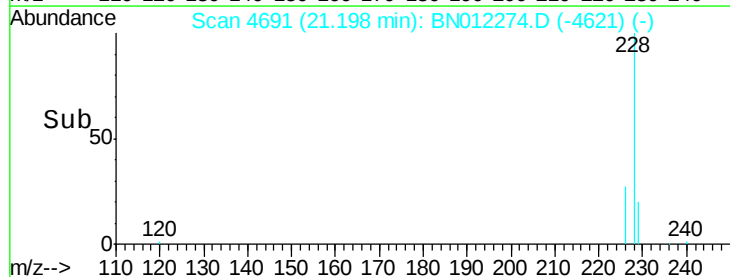
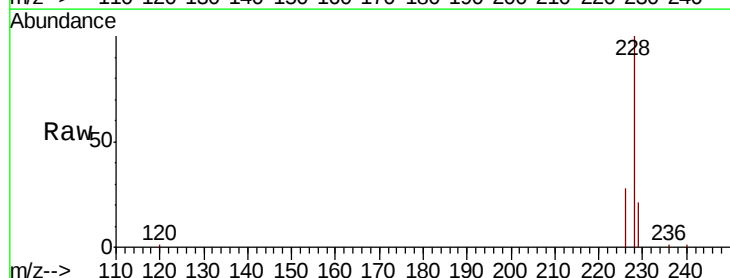
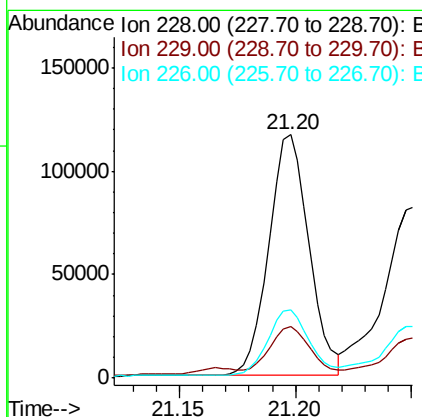
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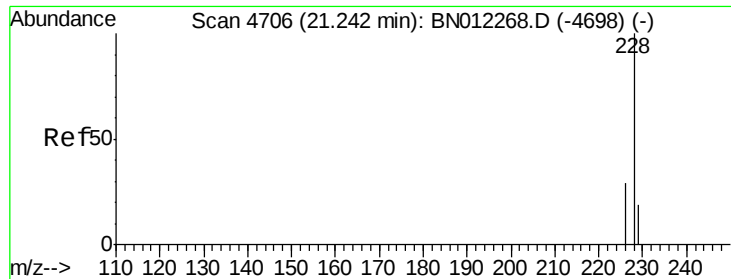
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#18
Benzo(a)anthracene
Concen: 5.745 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.01 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.2	15.8	23.8
226	27.8	22.6	33.8





#19

Chrysene

Concen: 3.878 ng/ul

RT: 21.25 min Scan# 4709

Delta R.T. 0.01 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Instrument :

BNA_N

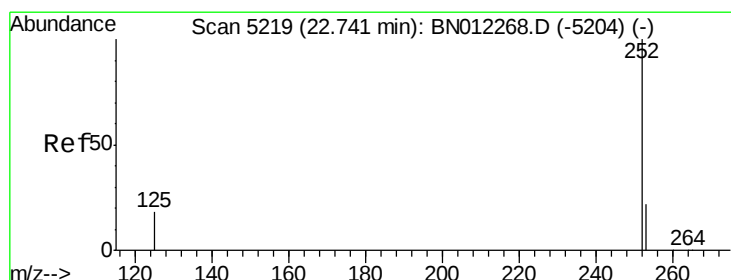
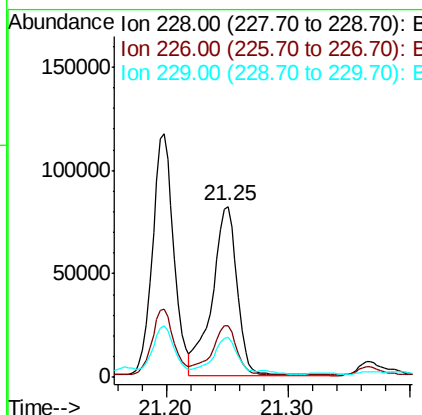
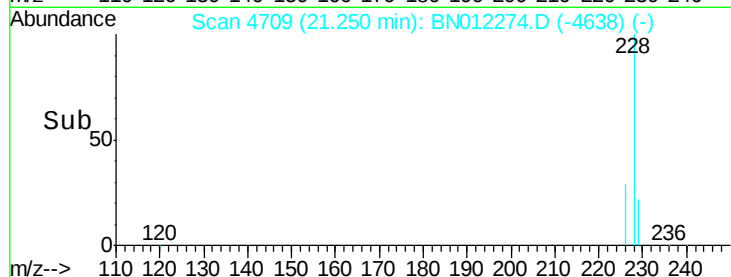
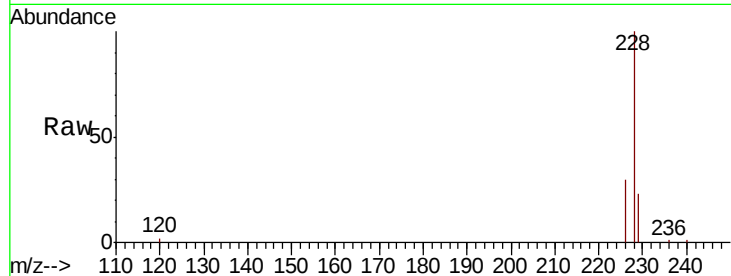
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Tot Ion:	228	Resp:	115302
Ion Ratio		Lower	Upper
228	100		
226	29.8	24.6	37.0
229	23.3	17.0	25.6

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#21

Benzo(b)fluoranthene

Concen: 5.095 ng/ul m

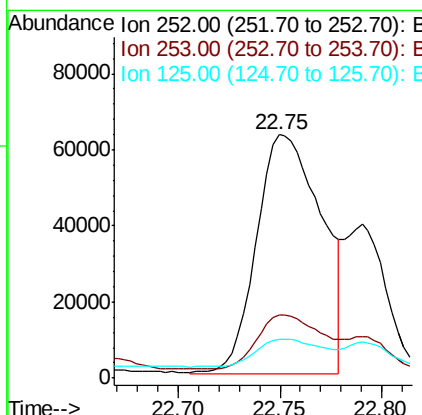
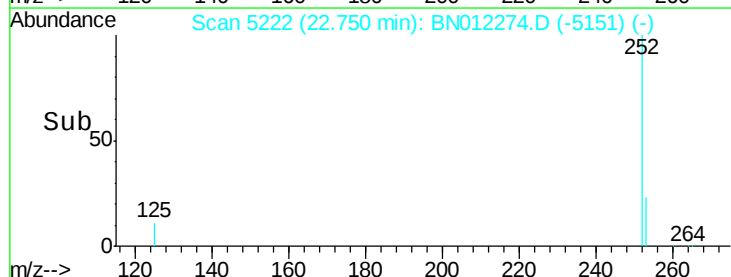
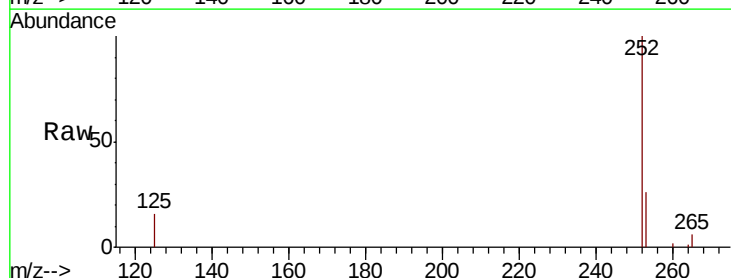
RT: 22.75 min Scan# 5222

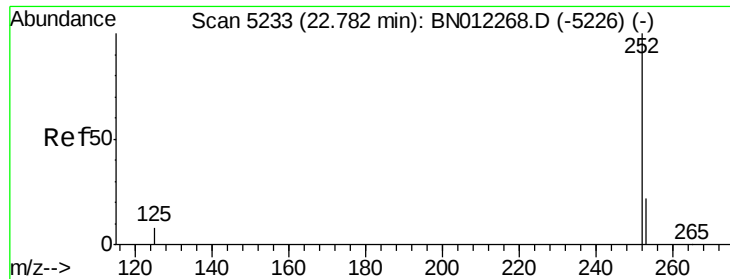
Delta R.T. 0.01 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Tgt Ion:	252	Resp:	139413
Ion Ratio		Lower	Upper
252	100		
253	25.9	0.0	61.6
125	16.0	0.0	36.8





#22

Benzo(k)fluoranthene

Concen: 1.597 ng/ul

RT: 22.79 min Scan# 5236

Delta R.T. 0.01 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Instrument :

BNA_N

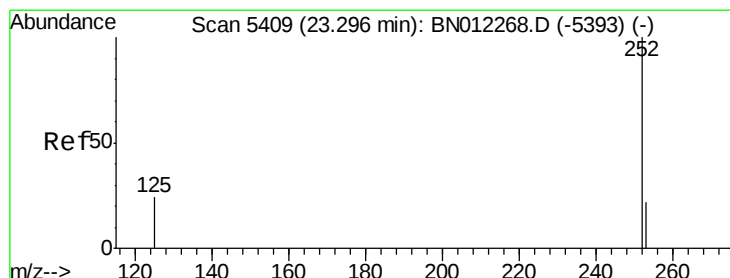
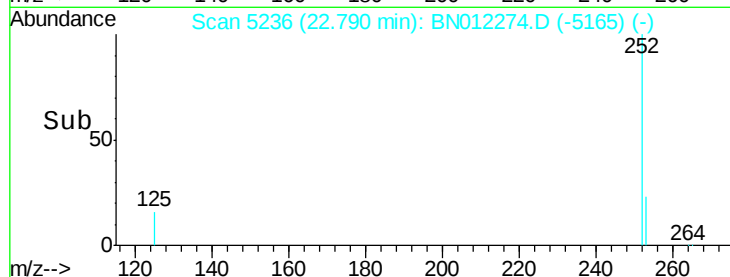
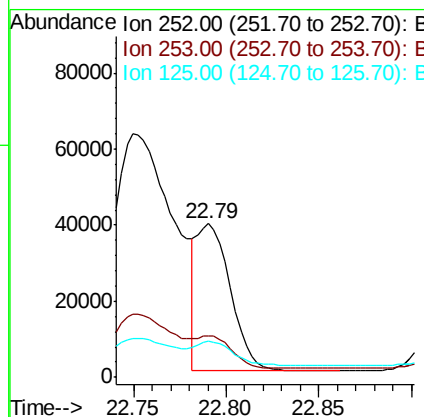
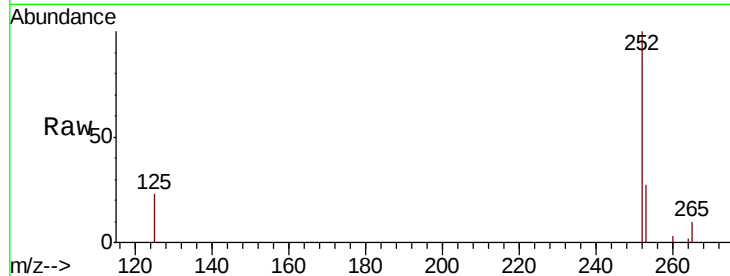
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Tot Ion:	252	Resp:	48382
Ion Ratio	Lower	Upper	
252	100		
253	27.1	24.4	36.6
125	23.2	12.9	19.3#

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#23

Benzo(a)pyrene

Concen: 3.645 ng/ul

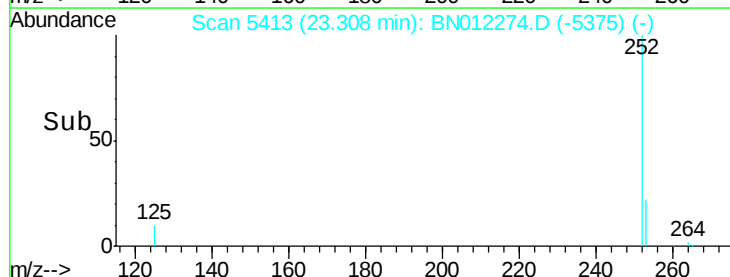
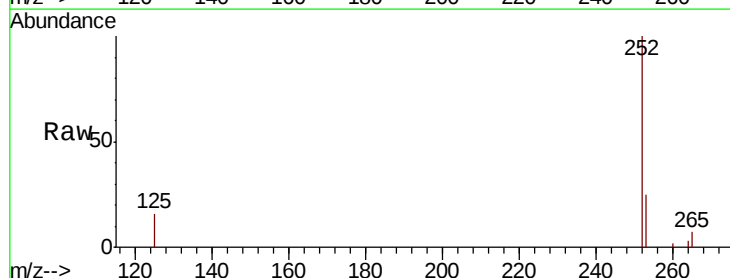
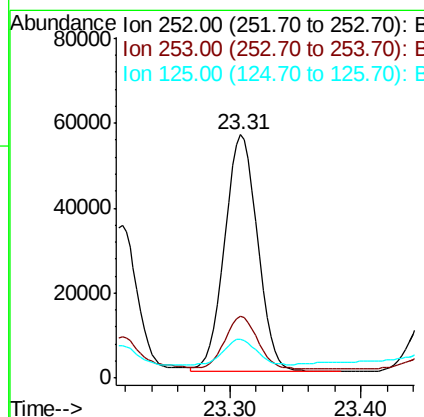
RT: 23.31 min Scan# 5413

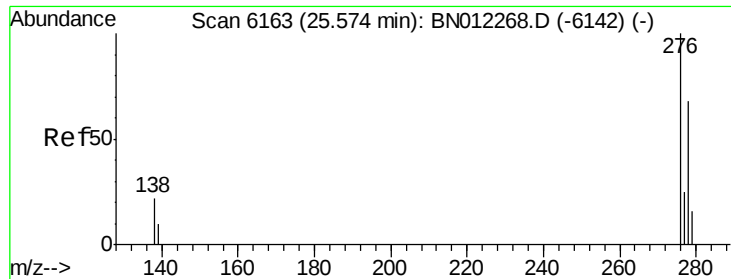
Delta R.T. 0.01 min

Lab File: BN012274.D

Acq: 16 Oct 2020 19:27

Tgt Ion:	252	Resp:	97029
Ion Ratio	Lower	Upper	
252	100		
253	25.2	27.0	40.4#
125	16.0	18.8	28.2#





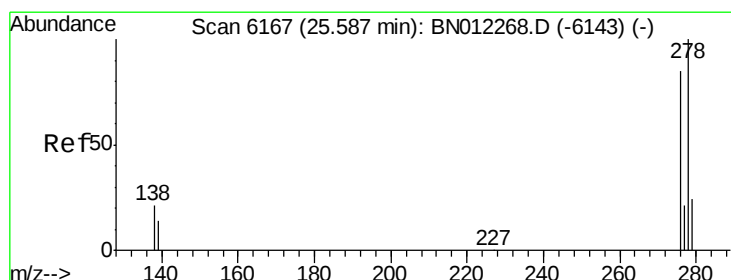
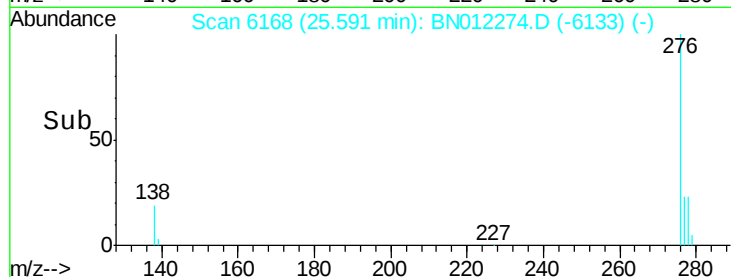
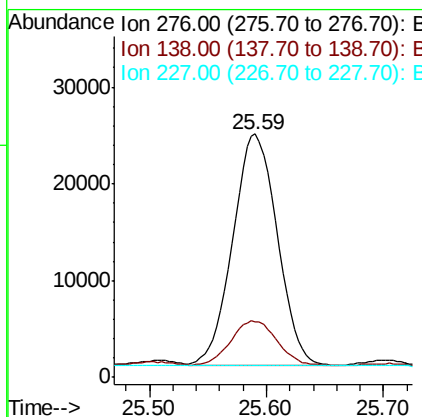
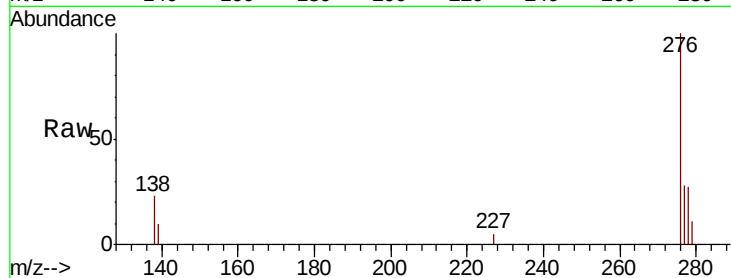
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.843 ng/ul
RT: 25.59 min Scan# 6168
Delta R.T. 0.02 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Instrument :
BNA_N
ClientSampleId :
C0AK3

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.3	0.0	0.0#
227	0.3	0.0	0.0#

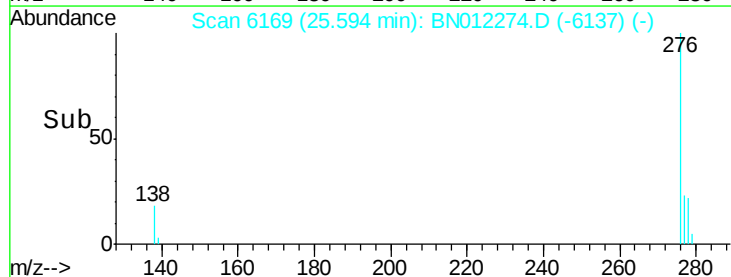
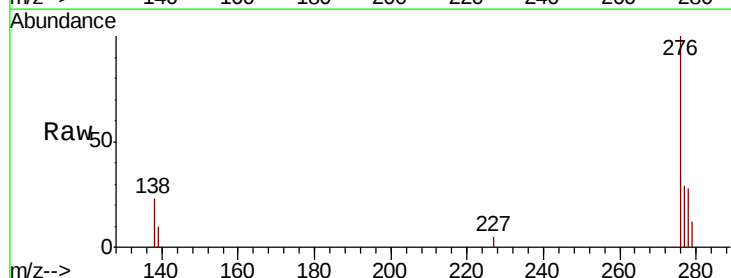
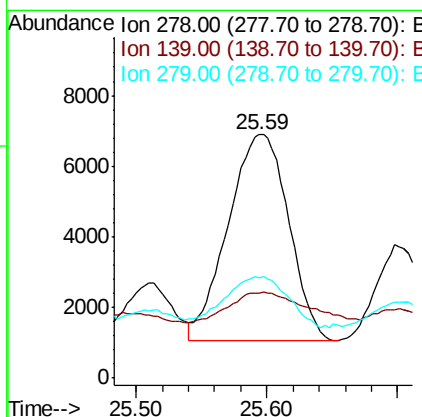
Manual Integrations
APPROVED

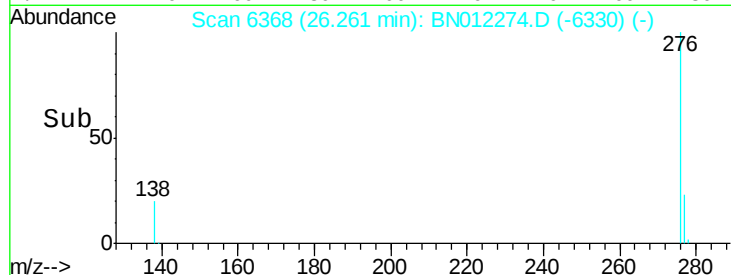
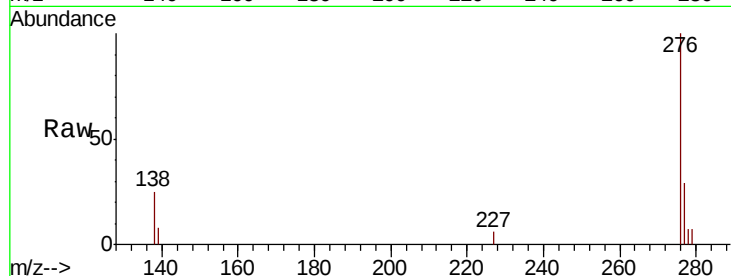
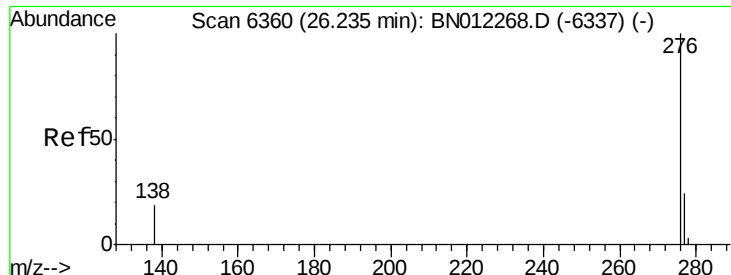
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 0.685 ng/ul
RT: 25.59 min Scan# 6169
Delta R.T. 0.01 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	35.1	15.7	23.5#
279	41.0	26.0	39.0#





#26
Benzo(a,h,i)perylene
Concen: 1.526 ng/ul
RT: 26.26 min Scan# 6368
Delta R.T. 0.03 min
Lab File: BN012274.D
Acq: 16 Oct 2020 19:27

Tot Ion:	276	Resp:	47833
Ion Ratio	Lower	Upper	
276	100		
138	24.8	17.1	25.7
277	28.8	21.1	31.7

Instrument :
BNA_N
ClientSampled :
C0AK3

Manual Integrations
APPROVED

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