

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013021.D
 Acq On : 09 Dec 2020 20:44
 Operator : CG/JU
 Sample : L4941-01
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW6

Manual Integrations
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Quant Time: Dec 10 01:25:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 10 00:40:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	997	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	4164	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2293	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4708	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	3280	0.40	ng/ul	-0.01
20) Perylene-d12	23.12	264	3041	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	909	0.15	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	1896	0.15	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	602	0.050	ng/ul#	84
5) 2-Methylnaphthalene	11.82	142	277	0.035	ng/ul	98
7) Acenaphthylene	13.76	152	450	0.041	ng/ul#	71
8) Acenaphthene	14.11	153	474	0.053	ng/ul	98
9) Fluorene	15.11	166	721	0.071	ng/ul#	98
12) Phenanthrene	16.84	178	14893	0.943	ng/ul	97
13) Anthracene	16.94	178	2930	0.218	ng/ul	98
15) Fluoranthene	18.88	202	28092	1.498	ng/ul	97
17) Pyrene	19.25	202	26266	1.695	ng/ul	99
18) Benzo(a)anthracene	21.01	228	10869	0.801	ng/ul	99
19) Chrysene	21.06	228	12397	0.827	ng/ul	98
21) Benzo(b)fluoranthene	22.50	252	15721m	1.117	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	5128m	0.330	ng/ul	
23) Benzo(a)pyrene	23.03	252	9780	0.749	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.18	276	6691	0.390	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.18	278	1574	0.116	ng/ul#	68
26) Benzo(a,h,i)perylene	25.81	276	5826	0.376	ng/ul	96

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

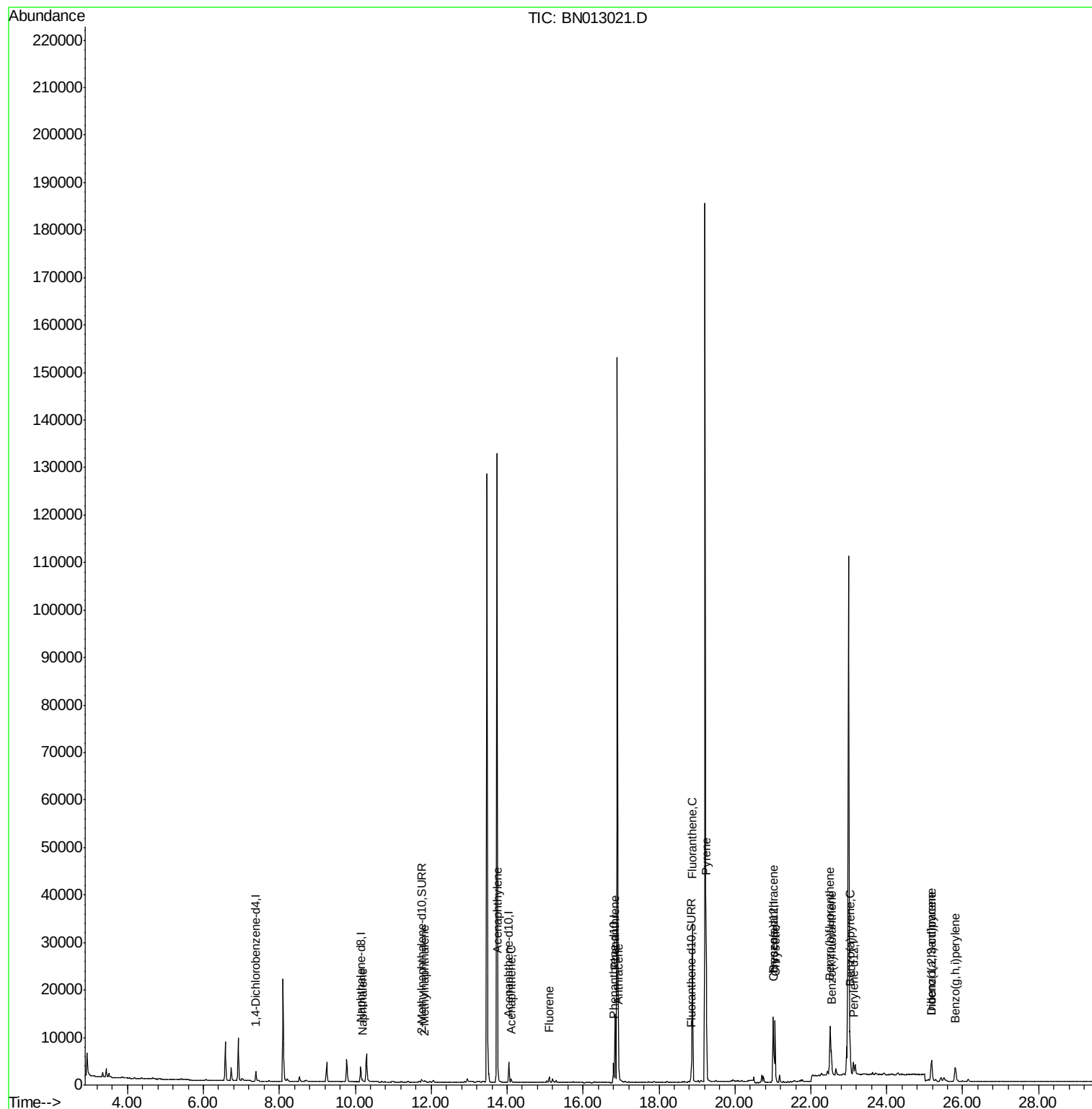
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013021.D
Acq On : 09 Dec 2020 20:44
Operator : CG/JU
Sample : L4941-01
Misc :
ALS Vial : 91 Sample Multiplier: 1

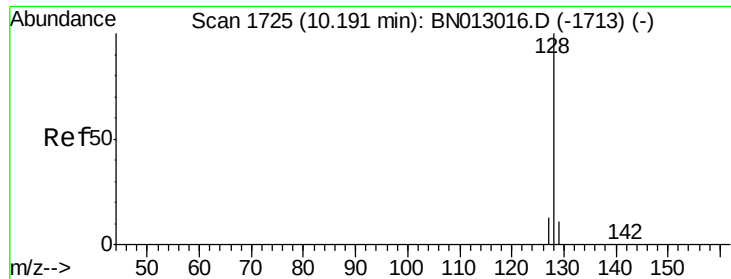
Instrument :
BNA_N
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C0AW6

Quant Time: Dec 10 01:25:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 10 00:40:41 2020
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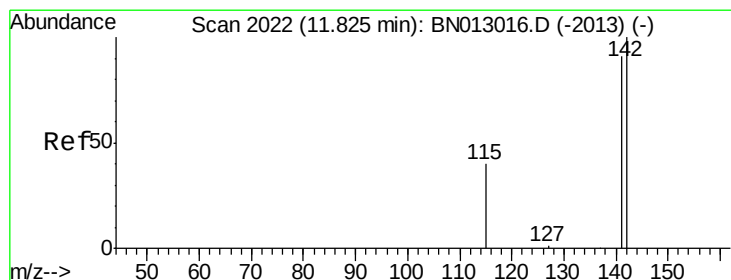
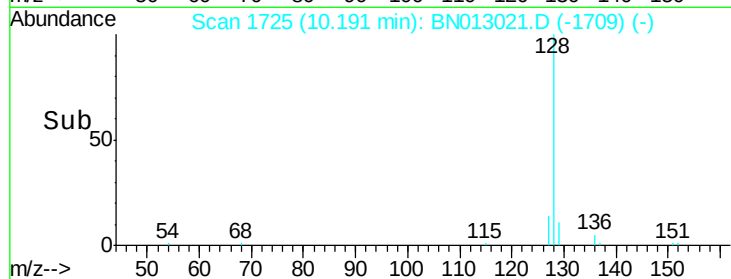
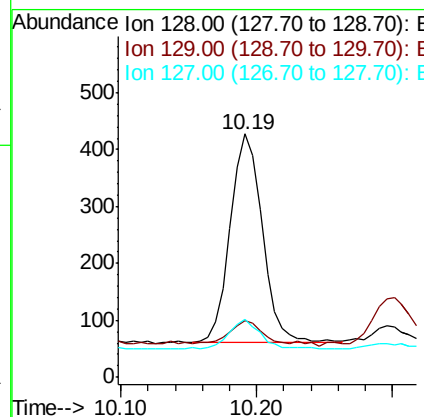
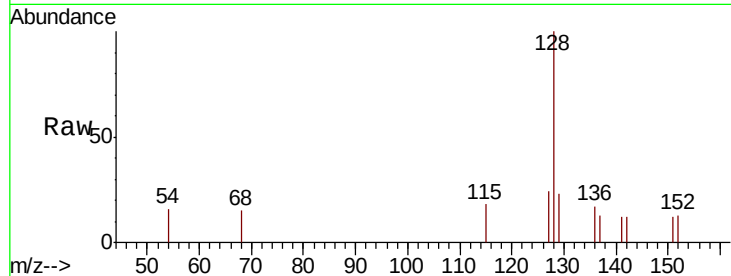
#3
Naphthalene
Concen: 0.050 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampled :
C0AW6

Tot Ion	Ratio	Lower	Upper
128	100		
129	23.1	12.3	18.5#
127	23.6	14.2	21.4#

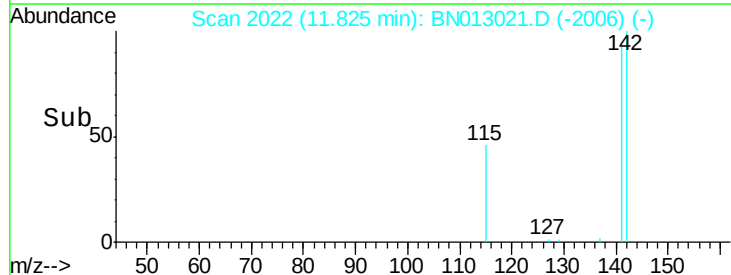
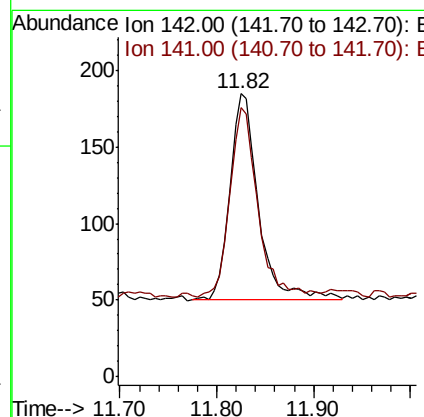
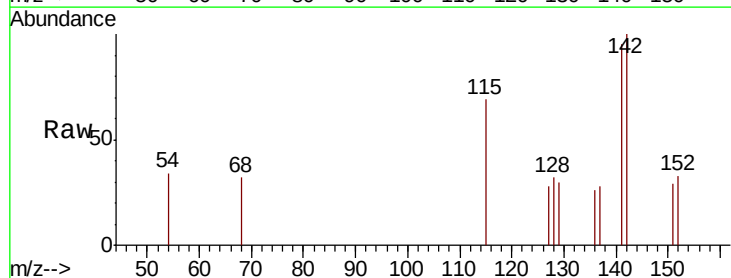
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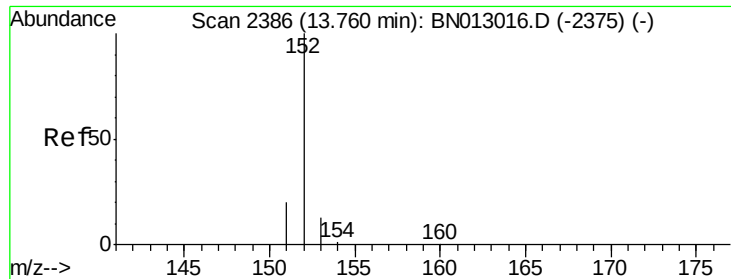
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#5
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.0	109.6





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Instrument :

BNA_N

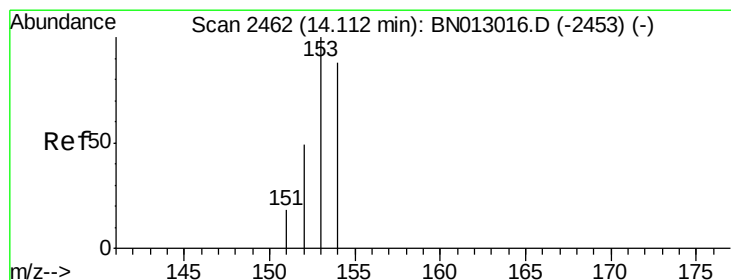
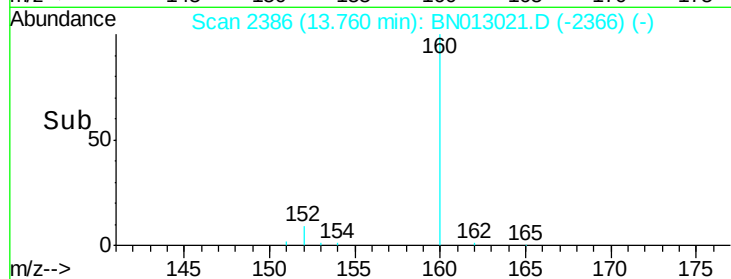
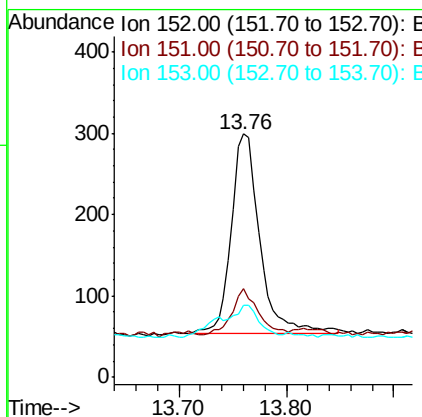
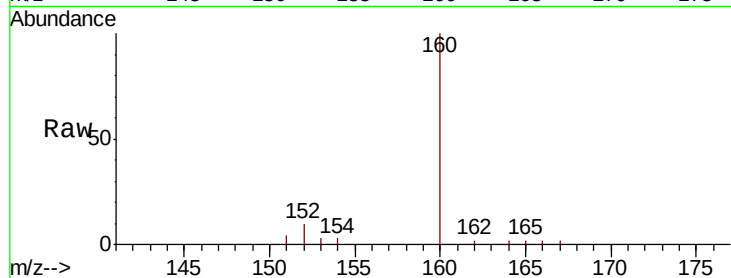
ClientSampleId :

C0AW6

Tot Ion:	152	Resp:	450
Ion Ratio	Lower	Upper	
152	100		
151	36.5	18.2	27.4#
153	29.8	13.1	19.7#

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#8

Acenaphthene

Concen: 0.053 ng/ul

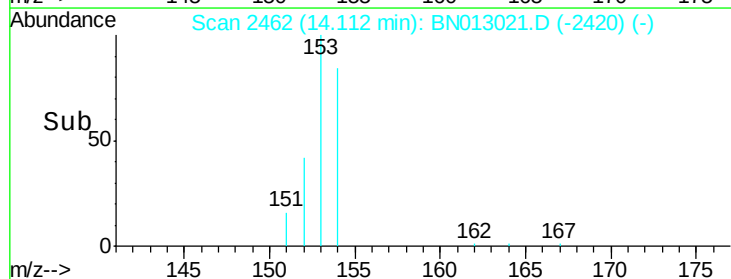
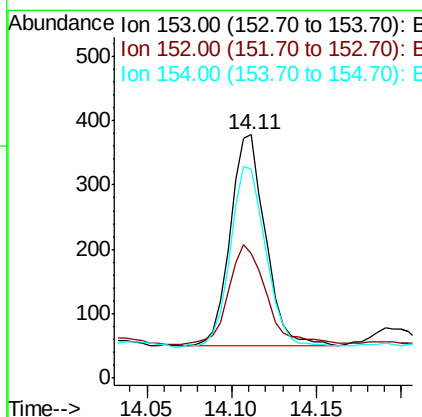
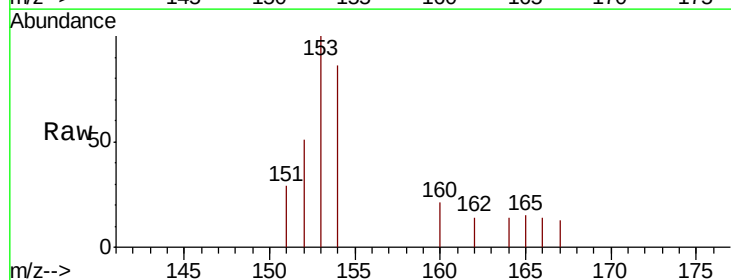
RT: 14.11 min Scan# 2462

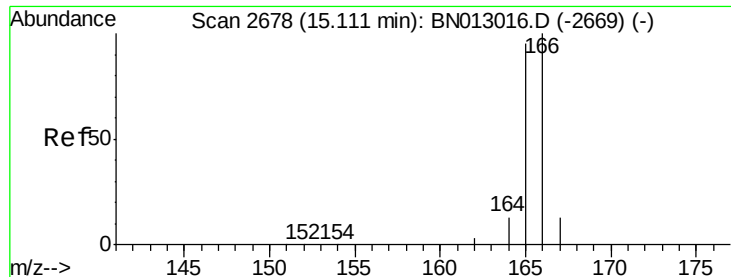
Delta R.T. -0.00 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Tgt Ion:	153	Resp:	474
Ion Ratio	Lower	Upper	
153	100		
152	51.1	40.7	61.1
154	85.7	70.8	106.2





#9

Fluorene

Concen: 0.071 ng/ul

RT: 15.11 min Scan# 2677

Delta R.T. -0.01 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Instrument :

BNA_N

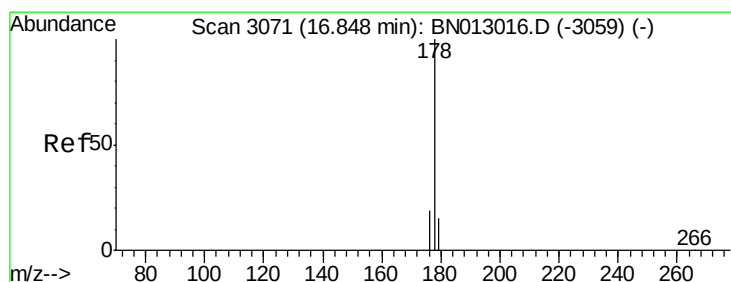
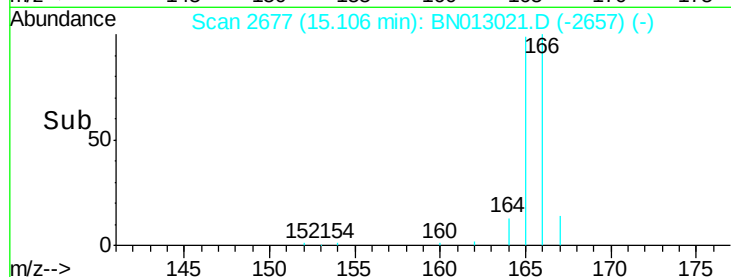
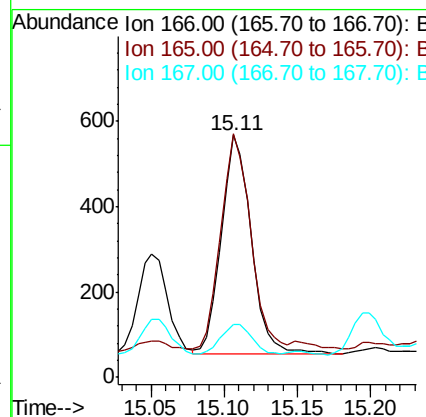
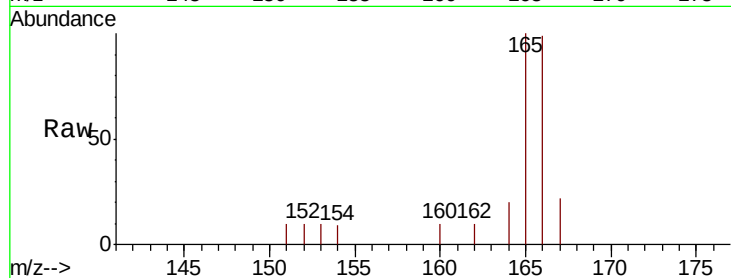
ClientSampleId :

C0AW6

Tot Ion:	166	Resp:	721
Ion Ratio	Lower	Upper	
166	100		
165	100.5	79.8	119.8
167	21.7	13.8	20.8

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#12

Phenanthrene

Concen: 0.943 ng/ul

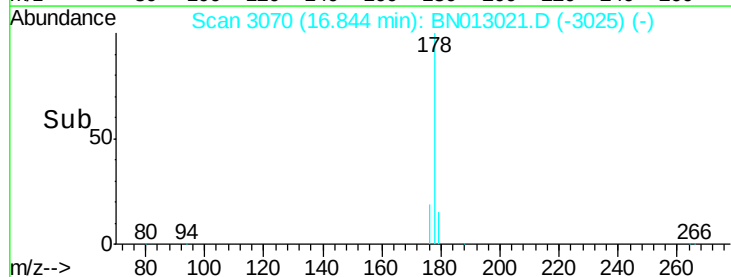
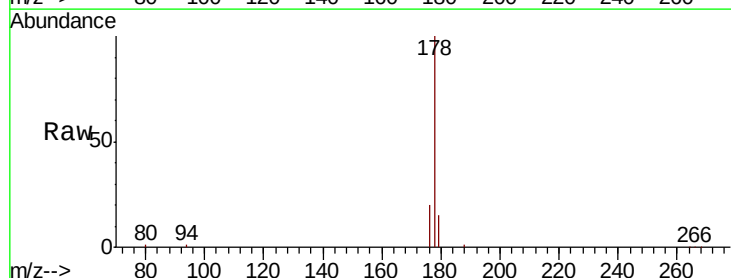
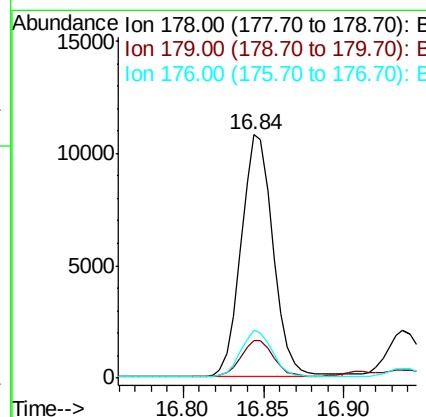
RT: 16.84 min Scan# 3070

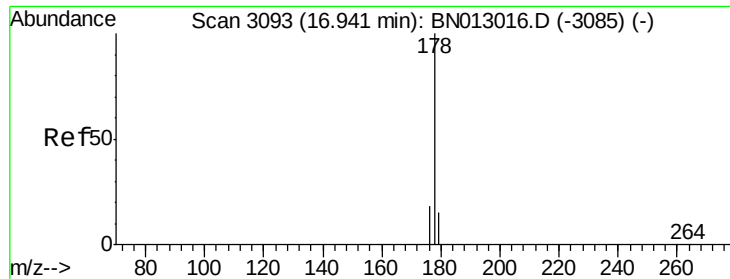
Delta R.T. -0.01 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Tgt Ion:	178	Resp:	14893
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.6	20.4
176	19.7	16.4	24.6





#13

Anthracene

Concen: 0.218 ng/ul

RT: 16.94 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Instrument :

BNA_N

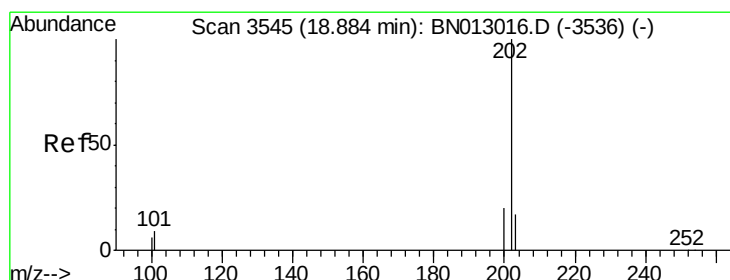
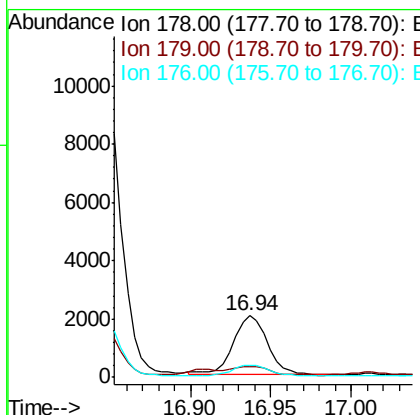
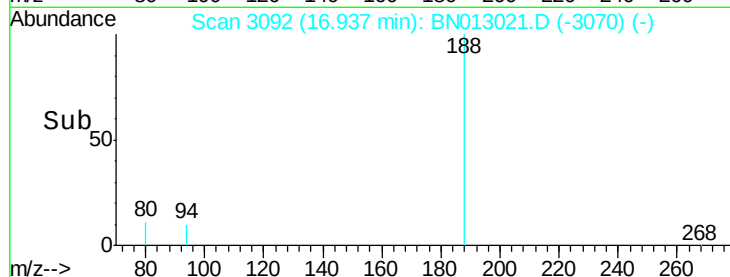
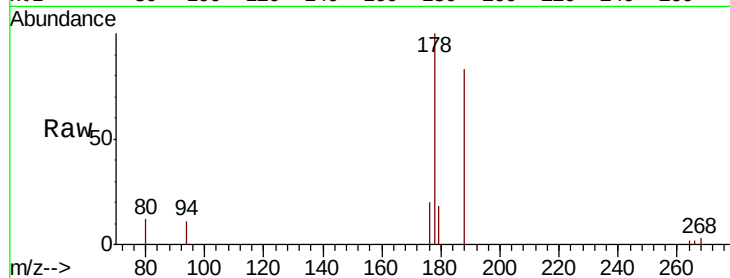
ClientSampleId :

C0AW6

Tot Ion:	178	Resp:	2930
Ion Ratio	Lower	Upper	
178	100		
179	17.8	14.6	21.8
176	19.8	17.1	25.7

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#15

Fluoranthene

Concen: 1.498 ng/ul

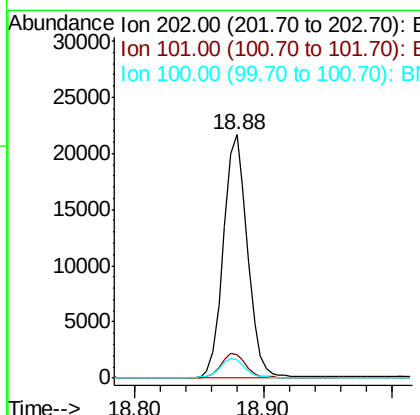
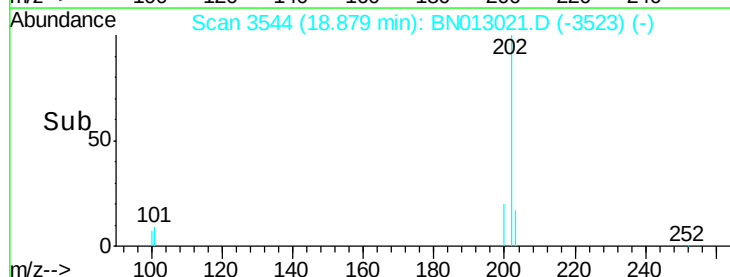
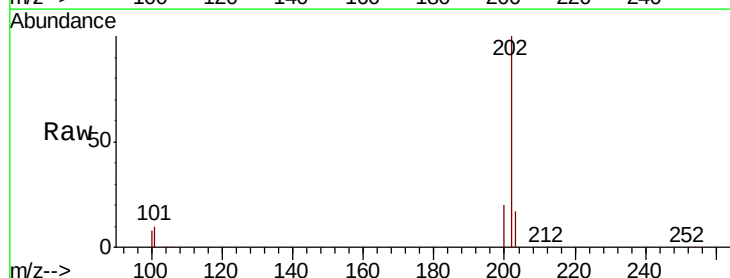
RT: 18.88 min Scan# 3544

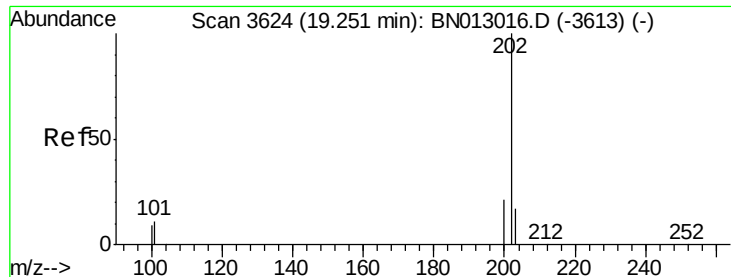
Delta R.T. -0.00 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Tgt Ion:	202	Resp:	28092
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.6
100	7.6	0.0	28.7





#17

Pvrene

Concen: 1.695 ng/ul

RT: 19.25 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Instrument :

BNA_N

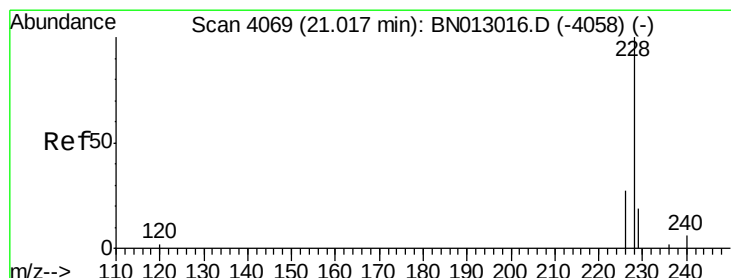
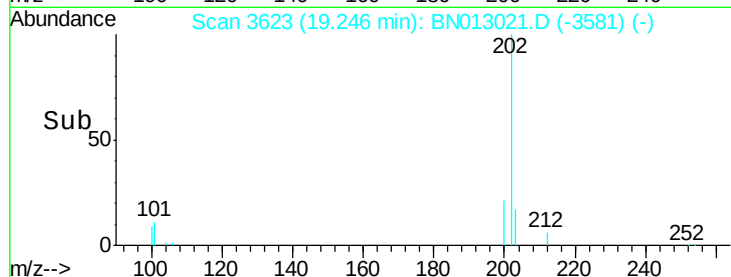
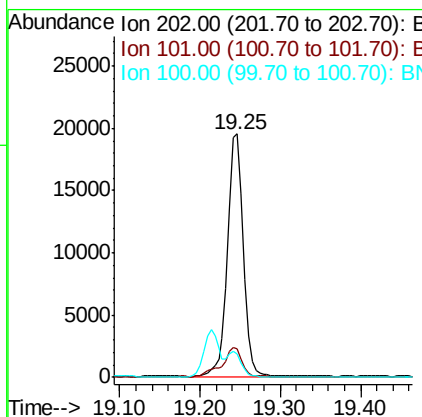
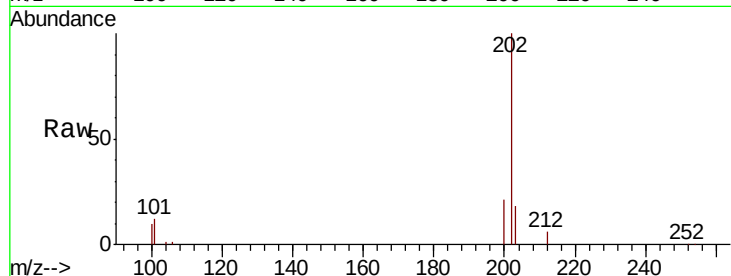
ClientSampled :

C0AW6

Tot Ion:	202	Resp:	26266
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.1	13.7
100	9.6	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 0.801 ng/ul

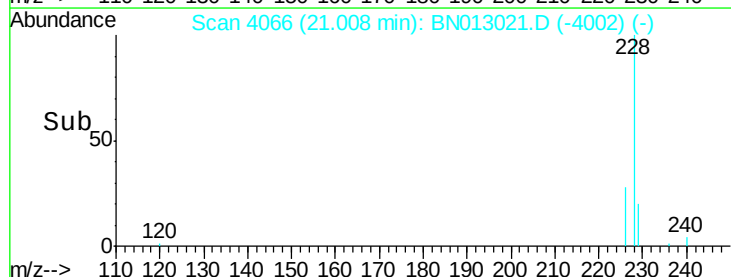
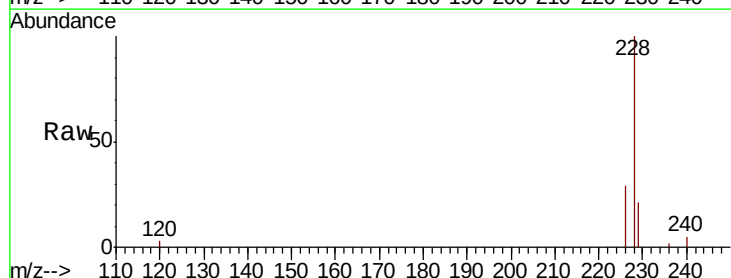
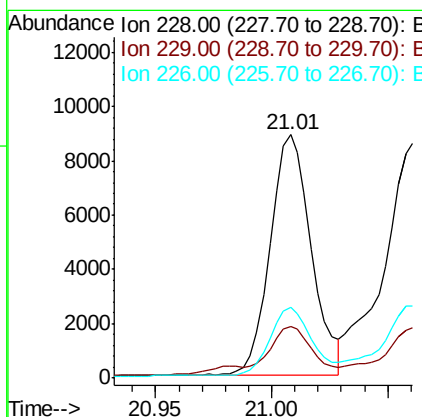
RT: 21.01 min Scan# 4066

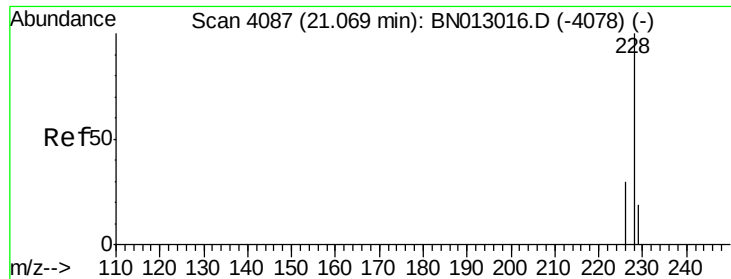
Delta R.T. -0.01 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Tgt Ion:	228	Resp:	10869
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.3	24.5
226	29.1	23.4	35.2





#19

Chrysene

Concen: 0.827 ng/ul

RT: 21.06 min Scan# 4084

Delta R.T. -0.01 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Instrument :

BNA_N

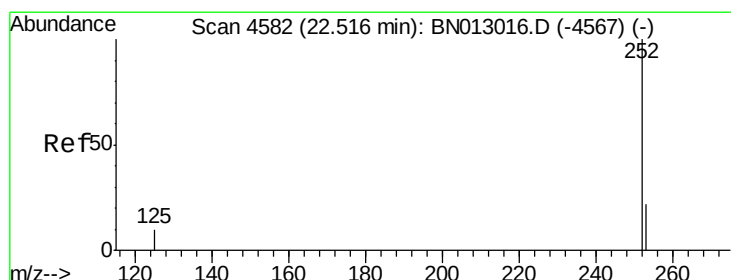
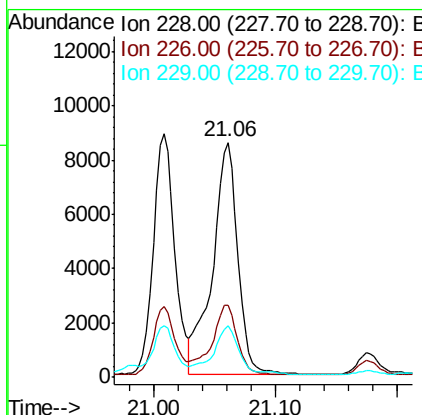
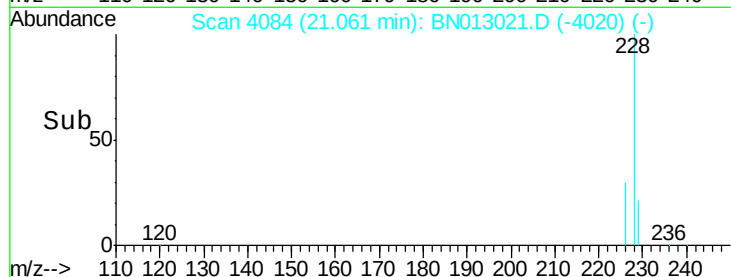
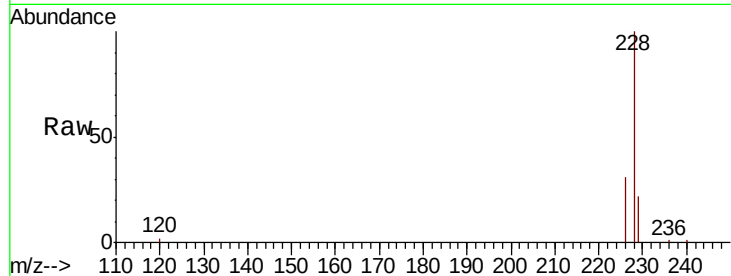
ClientSampleId :

C0AW6

Tot Ion:228	Resp:	12397
Ion Ratio	Lower	Upper
228 100		
226 30.6	25.0	37.6
229 21.7	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 1.117 ng/ul m

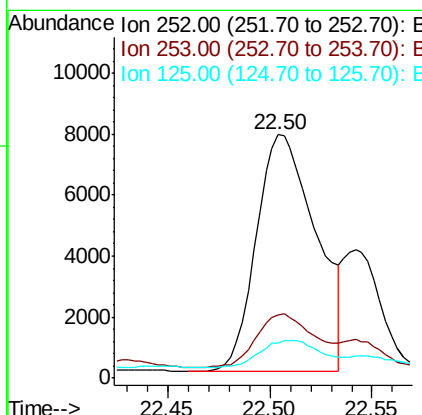
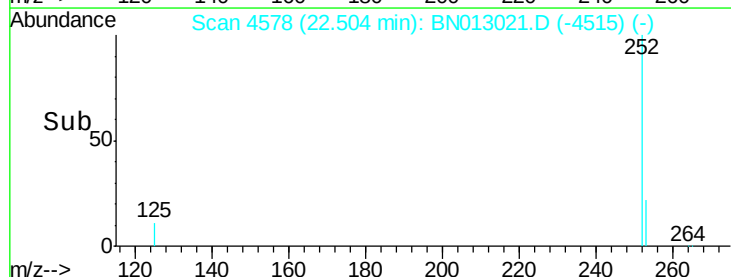
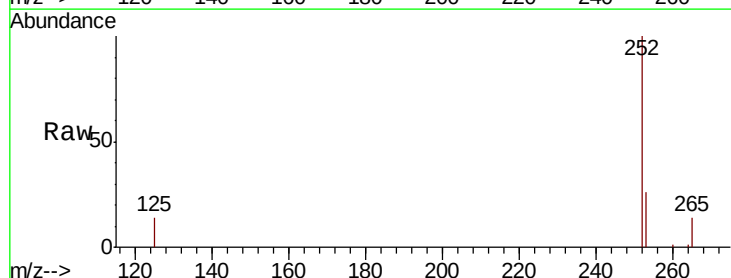
RT: 22.50 min Scan# 4578

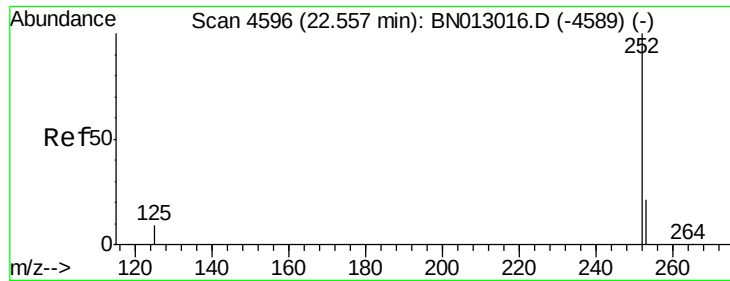
Delta R.T. -0.01 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Tgt Ion:252	Resp:	15721
Ion Ratio	Lower	Upper
252 100		
253 25.8	0.0	59.6
125 14.4	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.330 ng/ul m

RT: 22.54 min Scan# 4591

Delta R.T. -0.02 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

Instrument :

BNA_N

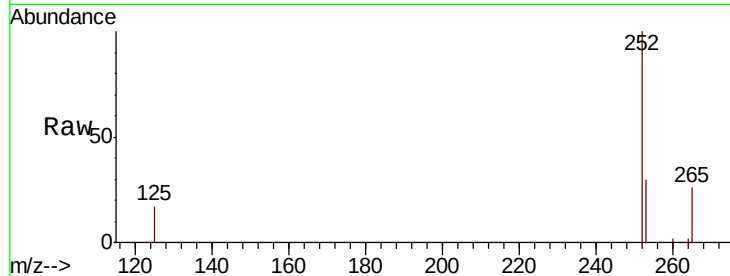
ClientSampleId :

C0AW6

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	23.4	35.2
125	16.9	11.1	16.7#

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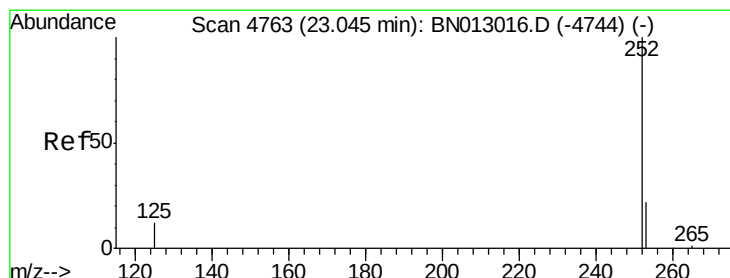
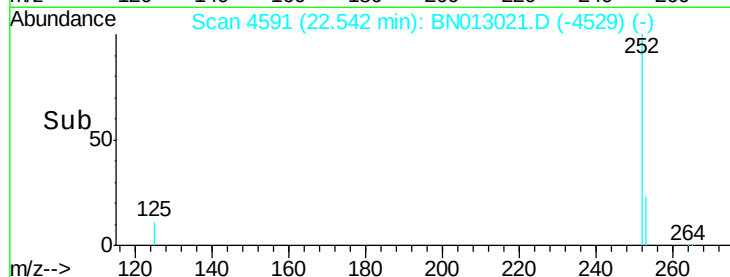
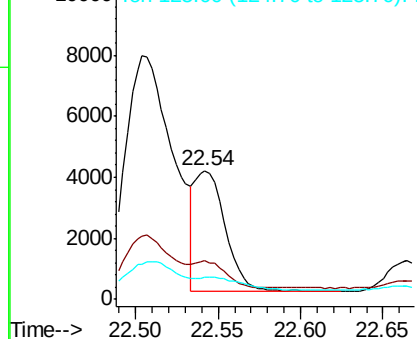


Abundance

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: 0.749 ng/ul

RT: 23.03 min Scan# 4758

Delta R.T. -0.01 min

Lab File: BN013021.D

Acq: 09 Dec 2020 20:44

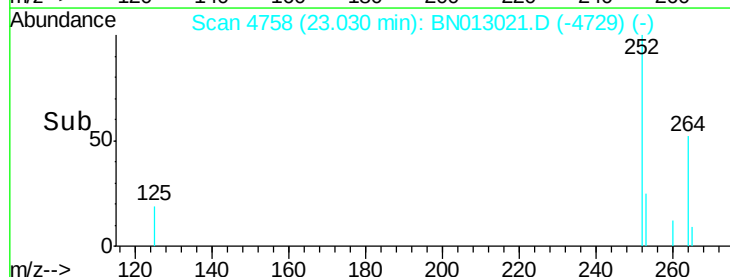
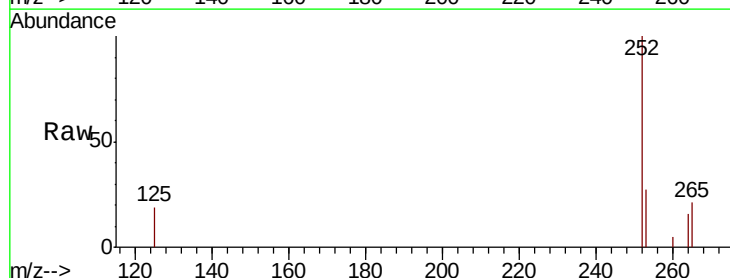
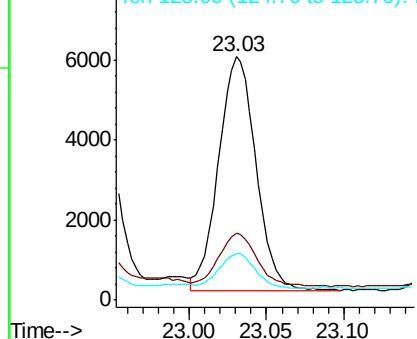
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	26.5	39.7
125	19.1	14.2	21.2

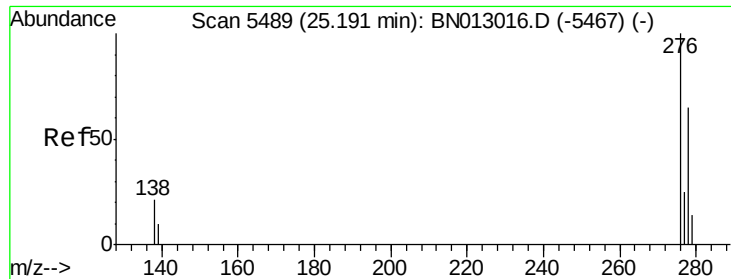
Abundance

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





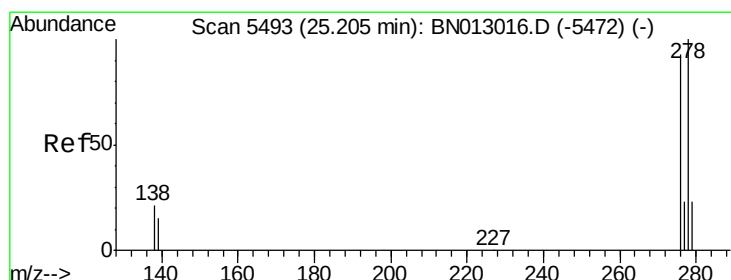
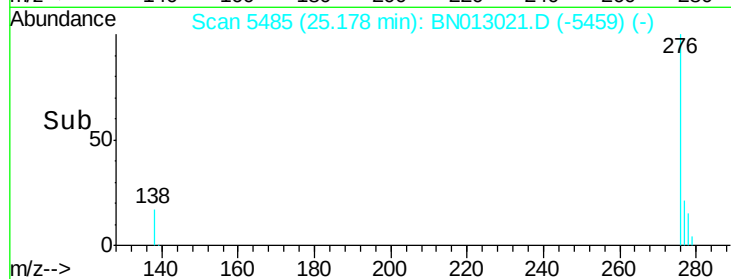
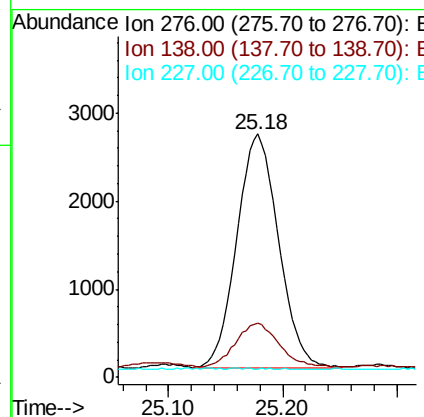
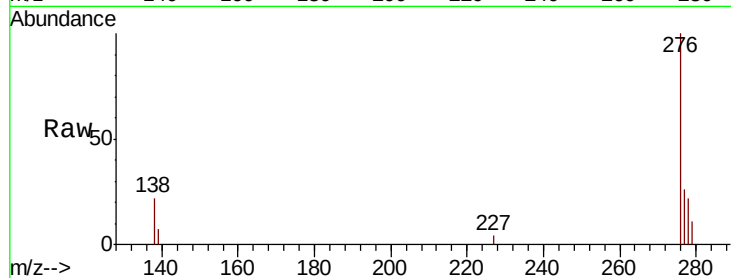
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.18 min Scan# 5485
Delta R.T. -0.01 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Instrument :
BNA_N
ClientSampleId :
C0AW6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.2	24.2
227	0.1	0.0	0.0

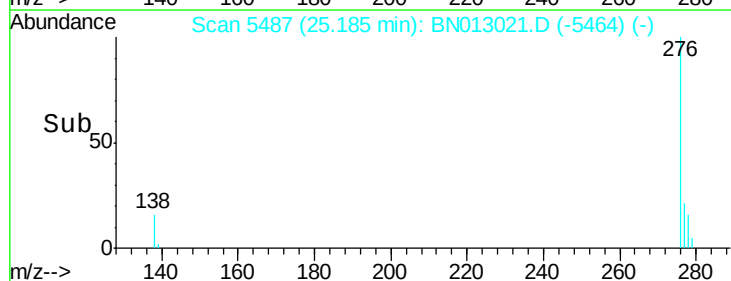
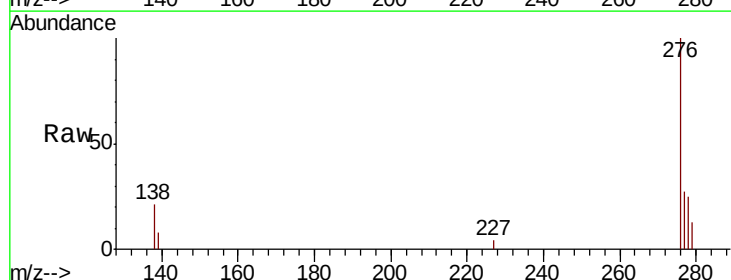
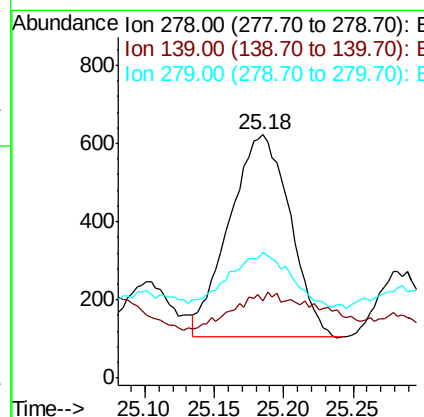
Manual Integrations
APPROVED

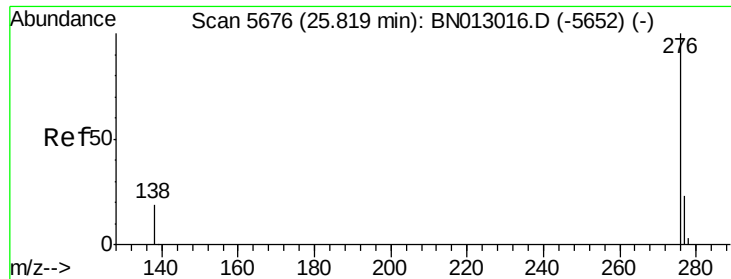
mohammad
12/11/2020 1:18:00 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.18 min Scan# 5487
Delta R.T. -0.02 min
Lab File: BN013021.D
Acq: 09 Dec 2020 20:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.5	14.5	21.7
279	51.8	26.3	39.5





#26
 Benzo(a,h,i)perylene
 Concen: 0.376 ng/ul
 RT: 25.81 min Scan# 5672
 Delta R.T. -0.02 min
 Lab File: BN013021.D
 Acq: 09 Dec 2020 20:44

Instrument :
 BNA_N
 ClientSampleId :
 C0AW6

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	16.3	24.5
277	27.9	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/11/2020 1:18:00 PM

