

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
 Data File : BN013239.D
 Acq On : 21 Dec 2020 13:59
 Operator : CG/JU
 Sample : L5151-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE7DL

Manual Integrations
 APPROVED

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 12/22/2020 2:39:34 PM

Quant Time: Dec 21 14:29:58 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 : Mon Dec 21 10:25:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	940	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	2930	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.00	164	1678	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	3319	0.40	ng/ul	0.00
16) Chrysene-d12	20.99	240	2821	0.40	ng/ul	0.00
20) Perylene-d12	23.08	264	2840	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.70	152	148	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	292	0.03	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.14	128	3465	0.409	ng/ul	95
5) 2-Methylnaphthalene	11.78	142	3338	0.599	ng/ul	99
7) Acenaphthylene	13.72	152	1092	0.137	ng/ul#	84
8) Acenaphthene	14.07	153	275	0.042	ng/ul#	91
9) Fluorene	15.07	166	429	0.057	ng/ul#	93
12) Phenanthrene	16.81	178	12732	1.144	ng/ul	98
13) Anthracene	16.90	178	2183	0.231	ng/ul	98
15) Fluoranthene	18.84	202	36943	2.794	ng/ul	99
17) Pyrene	19.20	202	30874	2.317	ng/ul	97
18) Benzo(a)anthracene	20.98	228	19068	1.634	ng/ul	98
19) Chrysene	21.03	228	22322	1.731	ng/ul	98
21) Benzo(b)fluoranthene	22.47	252	35640m	2.713	ng/ul	
22) Benzo(k)fluoranthene	22.51	252	12306m	0.847	ng/ul	
23) Benzo(a)pyrene	22.99	252	23676	1.942	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.12	276	19489	1.217	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.12	278	4644	0.367	ng/ul#	80
26) Benzo(a,h,i)perylene	25.73	276	16811	1.161	ng/ul	97

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

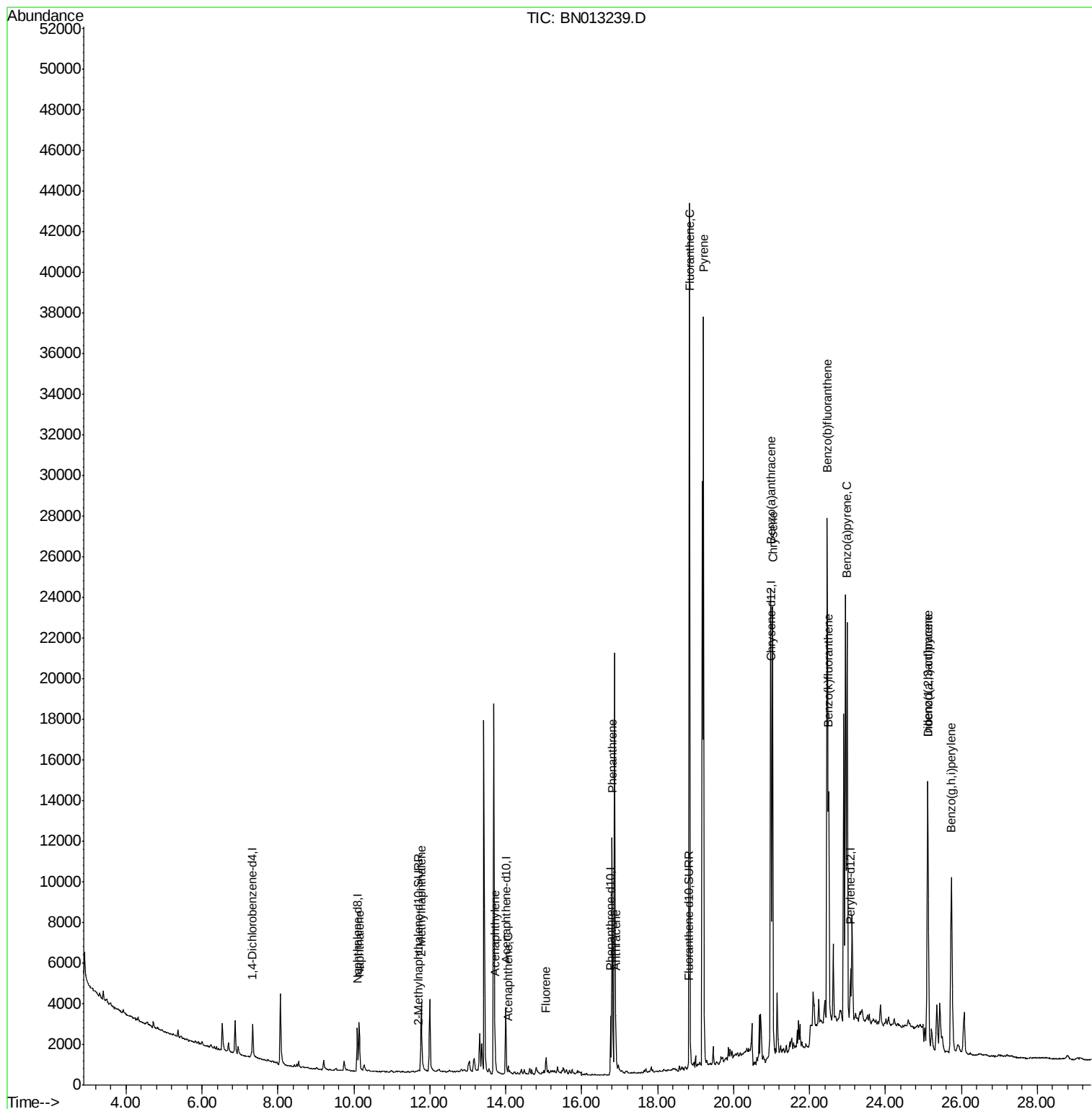
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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\  
Data File : BN013239.D  
Acq On    : 21 Dec 2020 13:59  
Operator  : CG/JU  
Sample    : L5151-05DL 5X  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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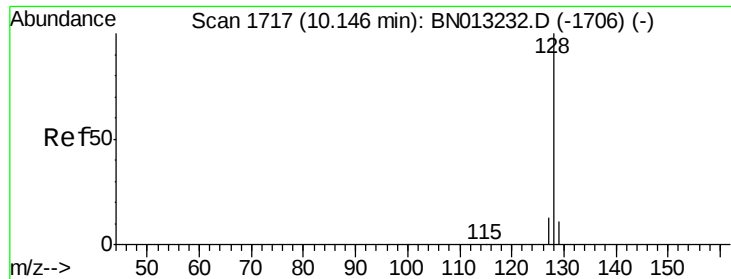
Instrument :
BNA_N
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C0AE7DL

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Quant Time: Dec 21 14:29:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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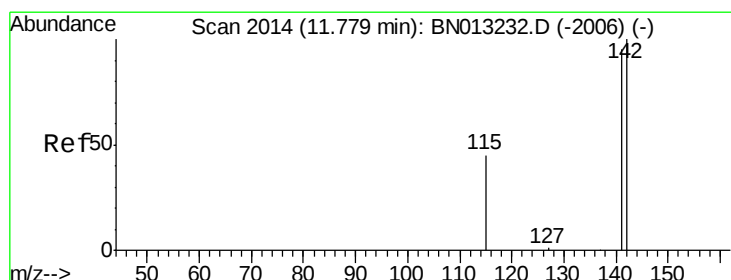
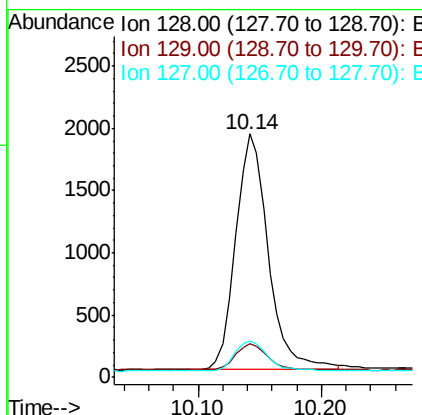
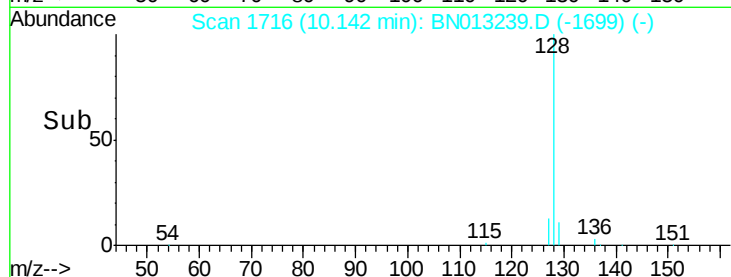
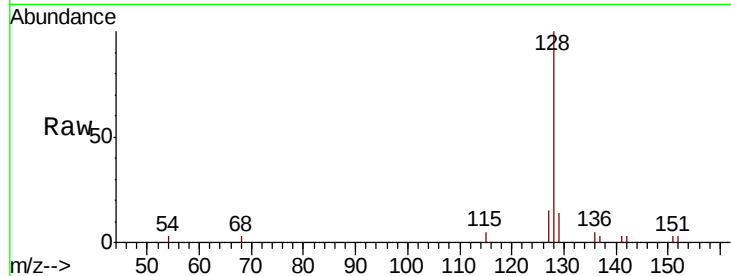
#3
Naphthalene
Concen: 0.409 ng/ul
RT: 10.14 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BN013239.D
Acq: 21 Dec 2020 13:59

Instrument :
BNA_N
ClientSampleId :
C0AE7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.1	12.3	18.5
127	15.1	14.2	21.4

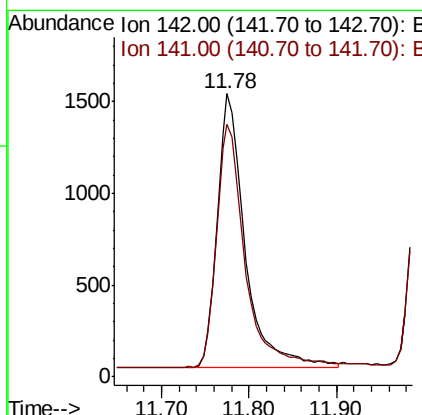
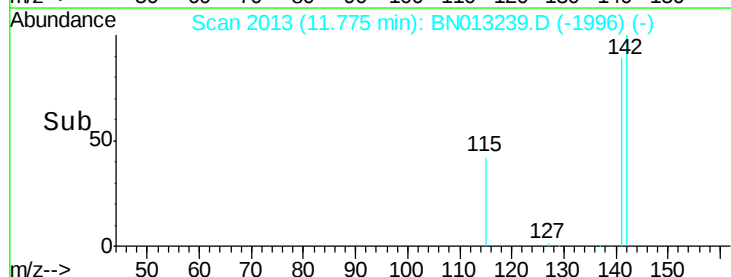
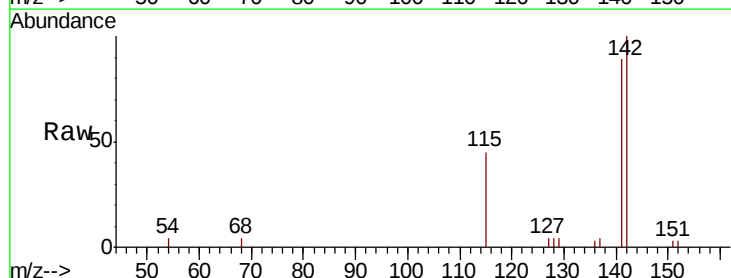
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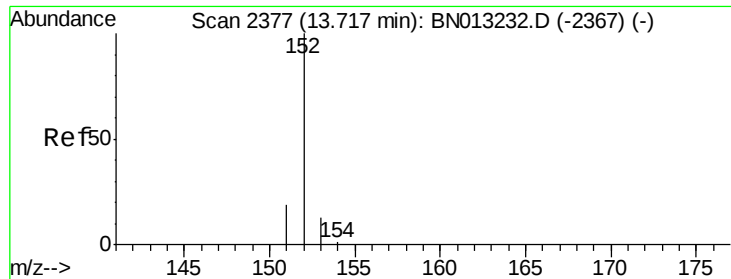
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#5
2-Methylnaphthalene
Concen: 0.599 ng/ul
RT: 11.78 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BN013239.D
Acq: 21 Dec 2020 13:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.6





#7

Acenaphthylene

Concen: 0.137 ng/ul

RT: 13.72 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Instrument :

BNA_N

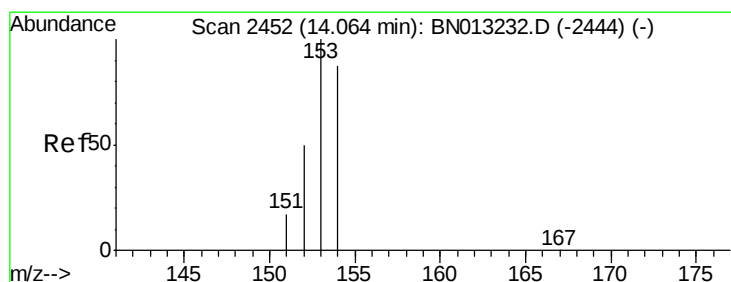
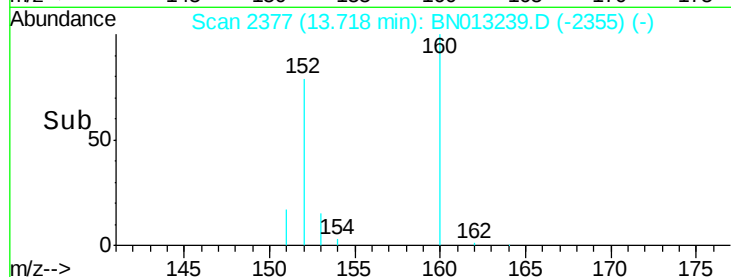
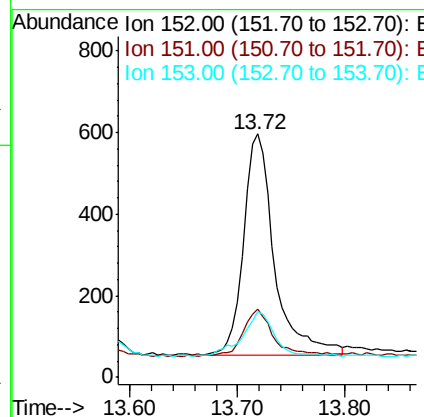
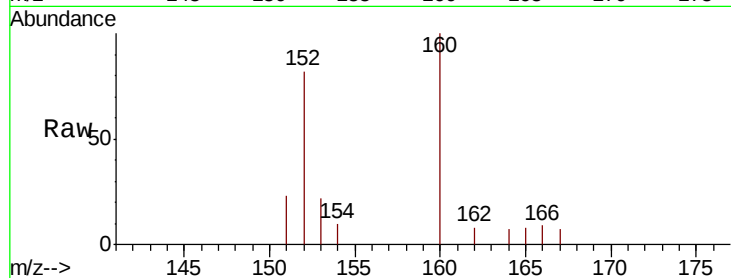
ClientSampleId :

C0AE7DL

Tot Ion:	152	Resp:	1092
Ion Ratio	Lower	Upper	
152	100		
151	28.0	18.2	27.4#
153	26.8	13.1	19.7#

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#8

Acenaphthene

Concen: 0.042 ng/ul

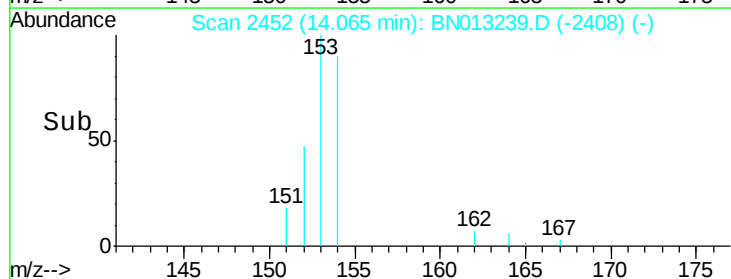
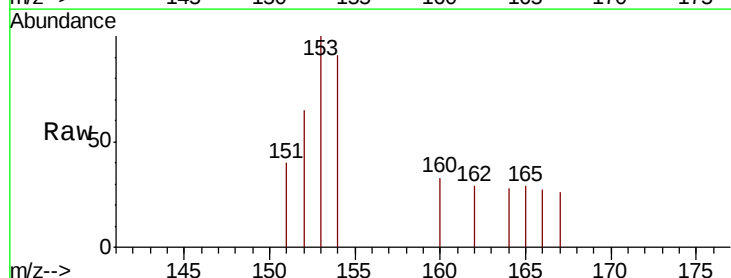
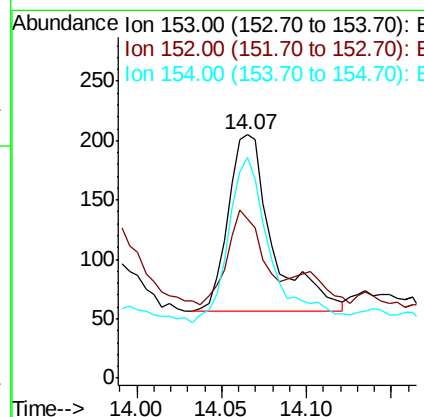
RT: 14.07 min Scan# 2452

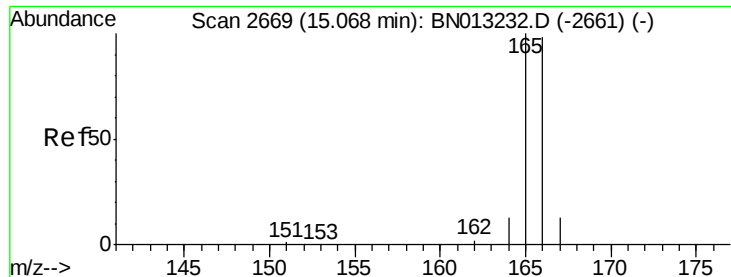
Delta R.T. 0.00 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Tgt Ion:	153	Resp:	275
Ion Ratio	Lower	Upper	
153	100		
152	65.4	40.7	61.1#
154	90.7	70.8	106.2





#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.07 min Scan# 2669

Delta R.T. 0.00 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Instrument :

BNA_N

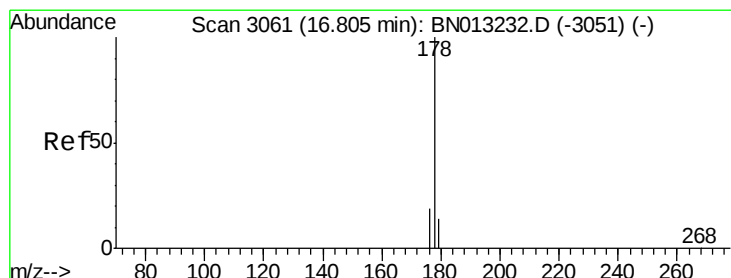
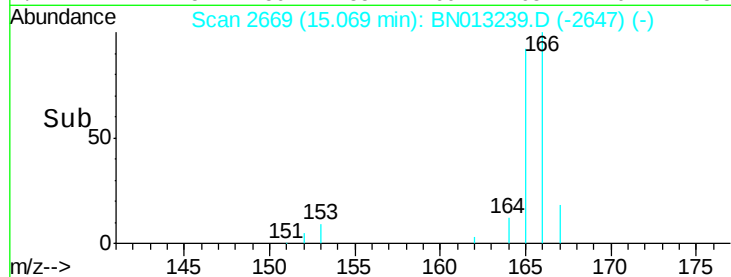
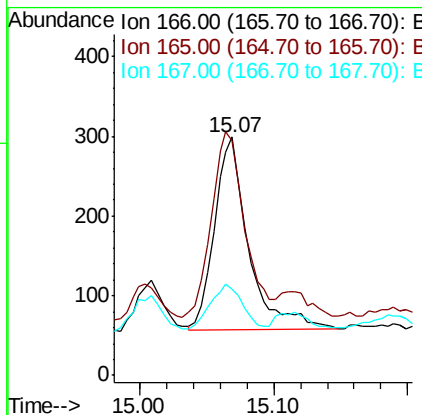
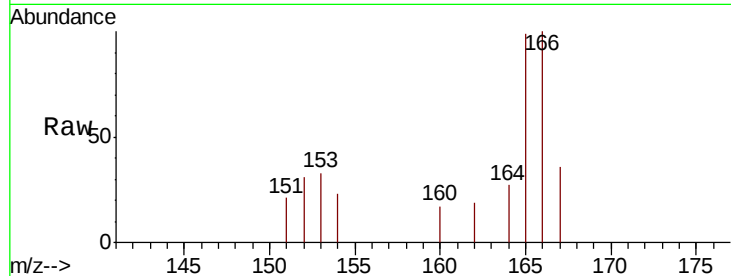
ClientSampleId :

C0AE7DL

Tot Ion:	166	Resp:	429
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.8	119.8
167	36.5	13.8	20.8

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#12

Phenanthrene

Concen: 1.144 ng/ul

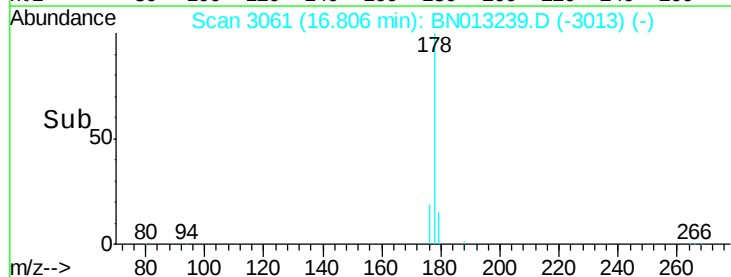
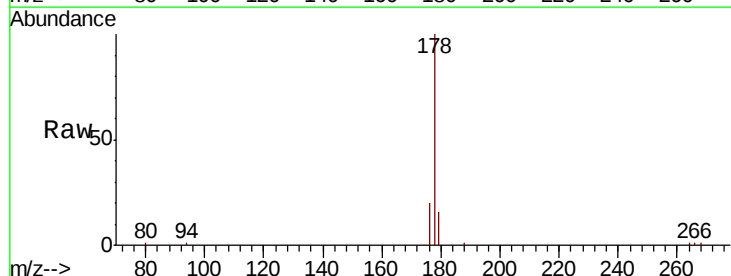
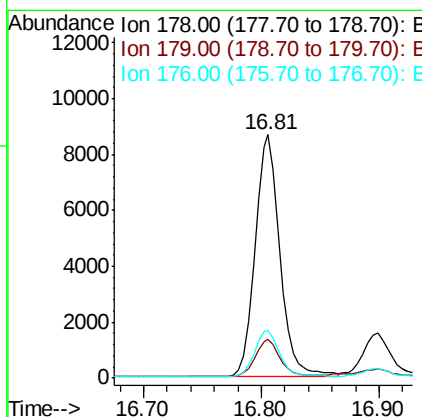
RT: 16.81 min Scan# 3061

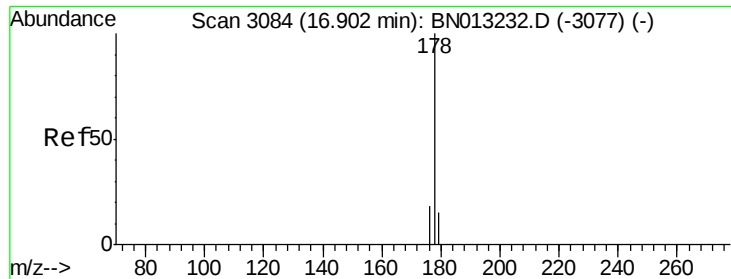
Delta R.T. 0.00 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Tgt Ion:	178	Resp:	12732
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.6	20.4
176	19.6	16.4	24.6





#13

Anthracene

Concen: 0.231 ng/ul

RT: 16.90 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Instrument :

BNA_N

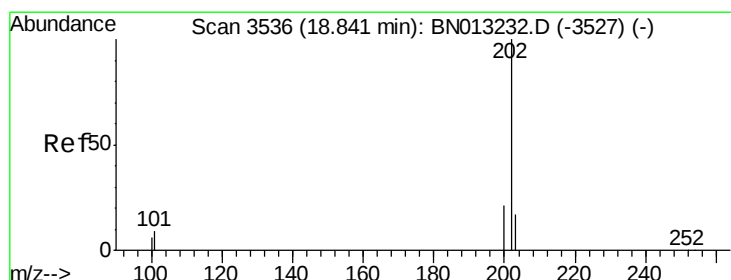
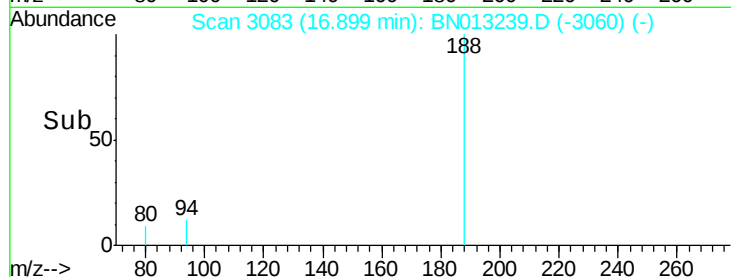
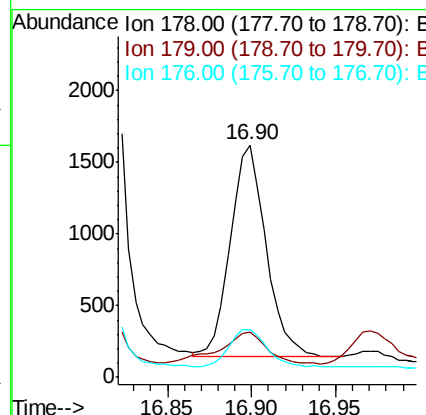
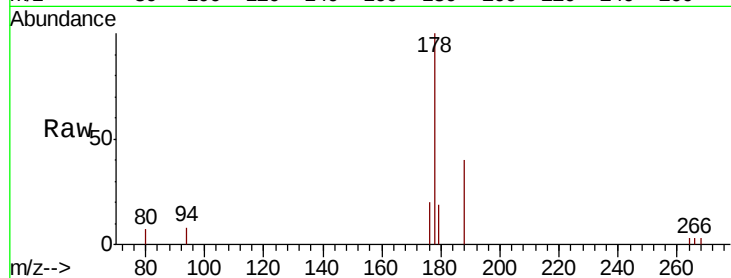
ClientSampleId :

C0AE7DL

Tot Ion:	178	Resp:	2183
Ion Ratio	Lower	Upper	
178	100		
179	19.3	14.6	21.8
176	20.4	17.1	25.7

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#15

Fluoranthene

Concen: 2.794 ng/ul

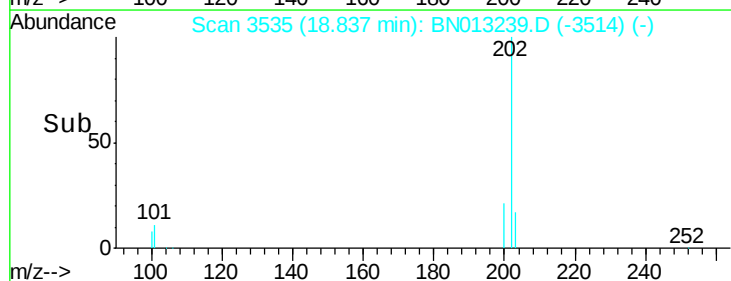
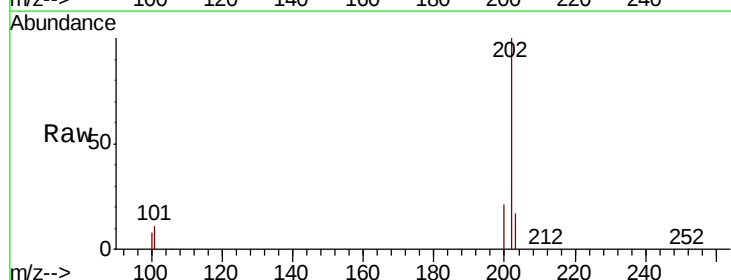
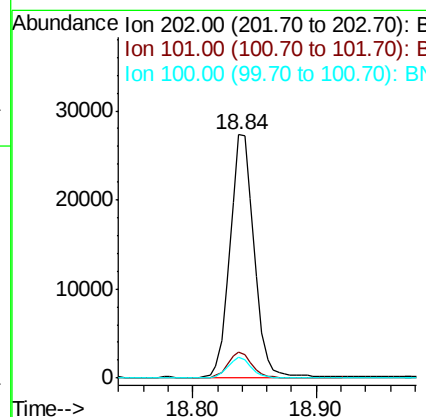
RT: 18.84 min Scan# 3535

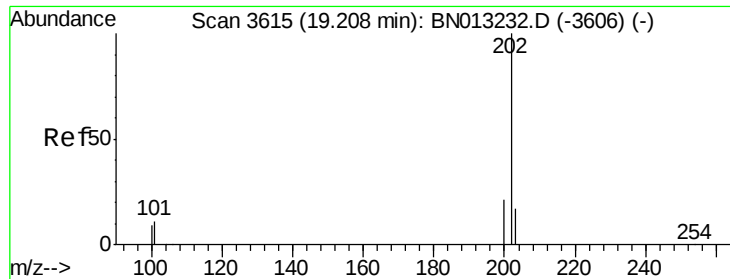
Delta R.T. -0.00 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Tgt Ion:	202	Resp:	36943
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.6
100	8.5	0.0	28.7





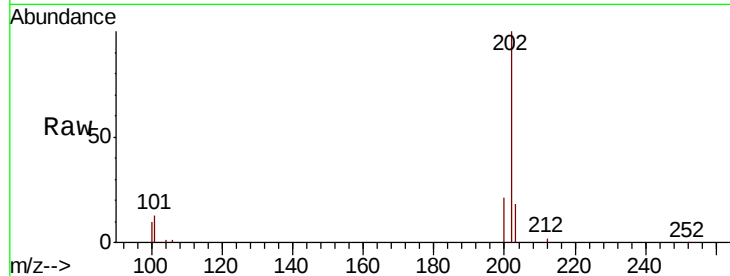
#17
Pvrene
Concen: 2.317 ng/ul
RT: 19.20 min Scan# 3614
Delta R.T. -0.00 min
Lab File: BN013239.D
Acq: 21 Dec 2020 13:59

Instrument :
BNA_N
ClientSampleId :
C0AE7DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	9.1	13.7
100	10.5	7.5	11.3

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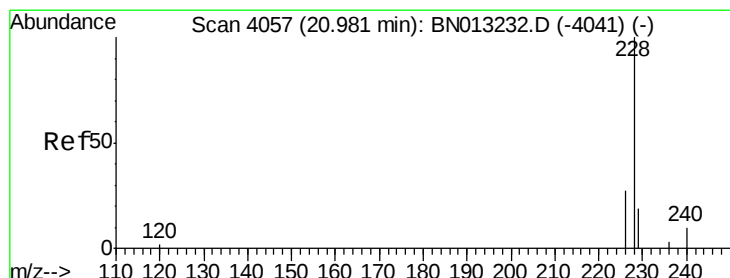
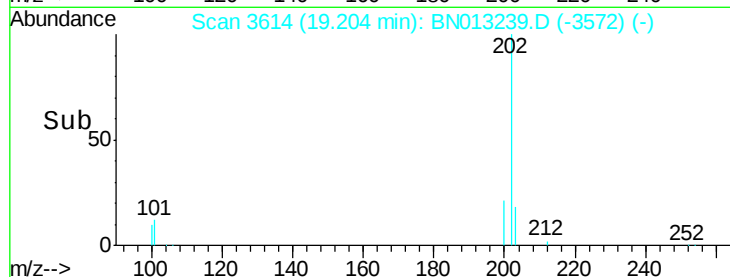
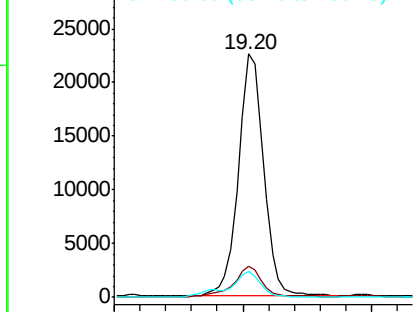


Abundance

Ion 202.00 (201.70 to 202.70): E

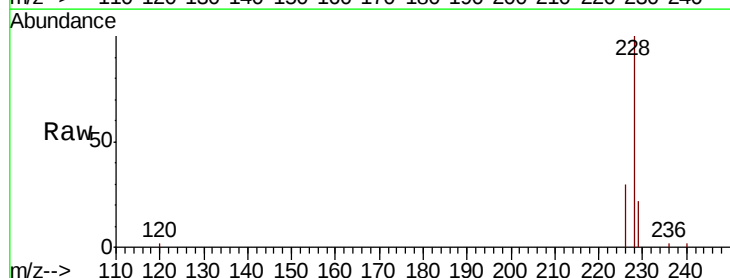
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18
Benzo(a)anthracene
Concen: 1.634 ng/ul
RT: 20.98 min Scan# 4055
Delta R.T. -0.00 min
Lab File: BN013239.D
Acq: 21 Dec 2020 13:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.8	16.3	24.5
226	29.7	23.4	35.2

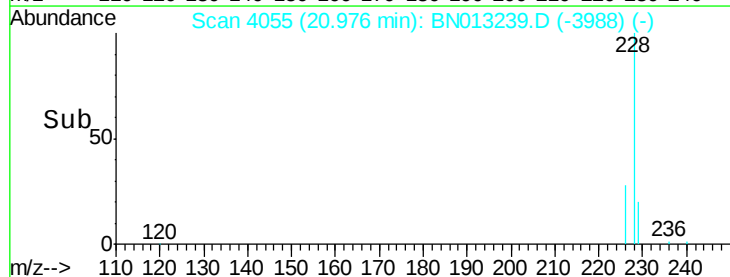
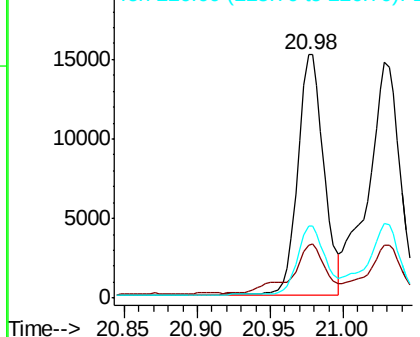


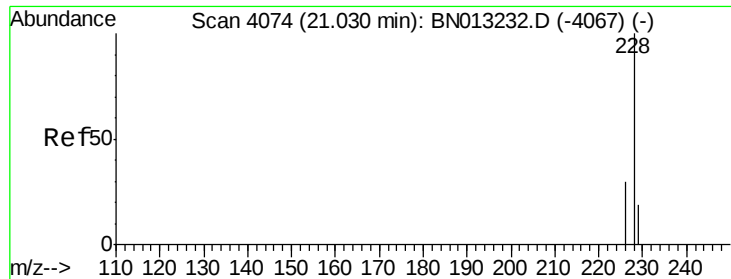
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.731 ng/ul

RT: 21.03 min Scan# 4073

Delta R.T. -0.00 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Instrument :

BNA_N

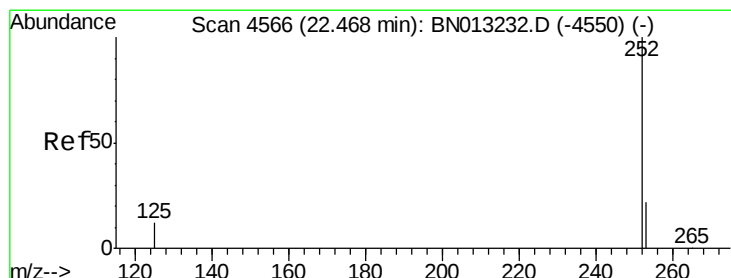
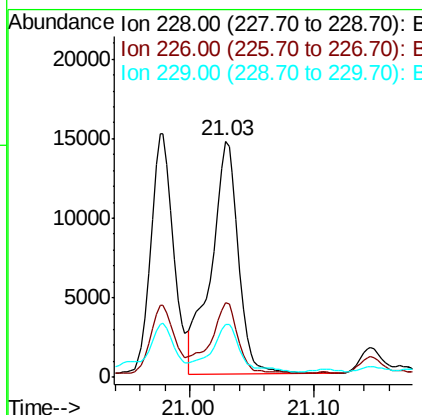
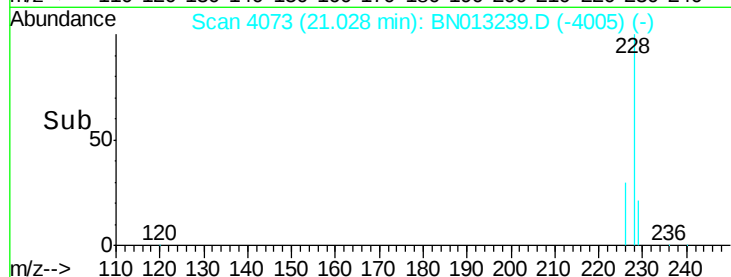
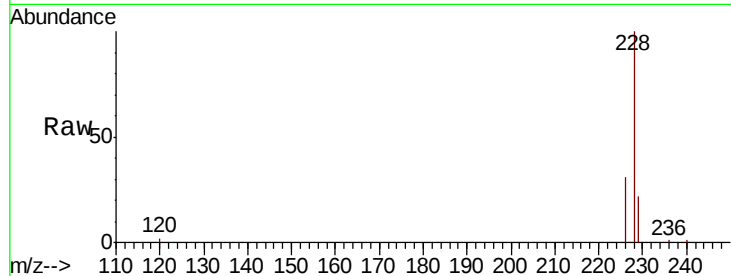
ClientSampleId :

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Tot Ion:	228	Resp:	22322
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	22.5	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 2.713 ng/ul m

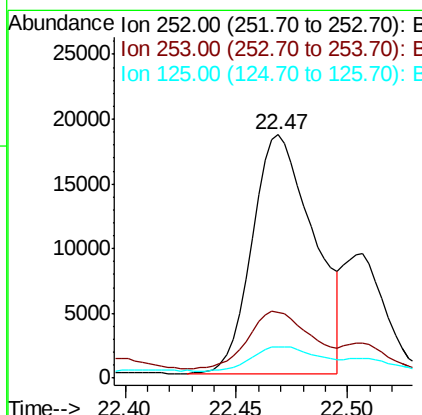
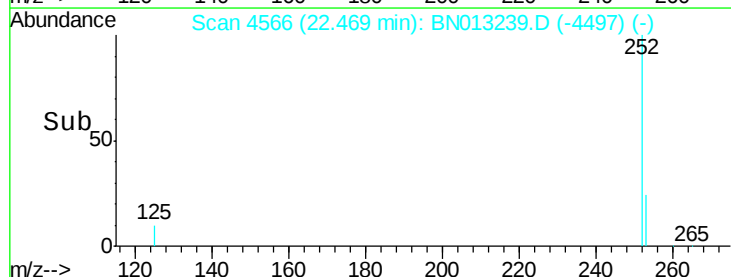
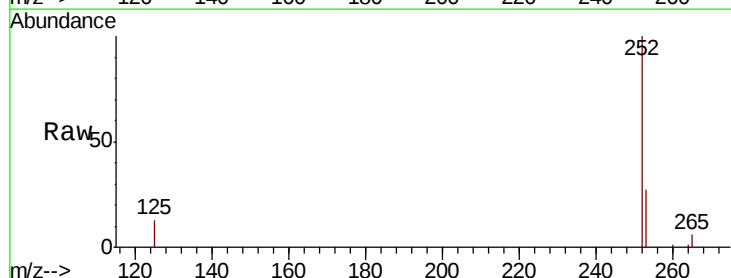
RT: 22.47 min Scan# 4566

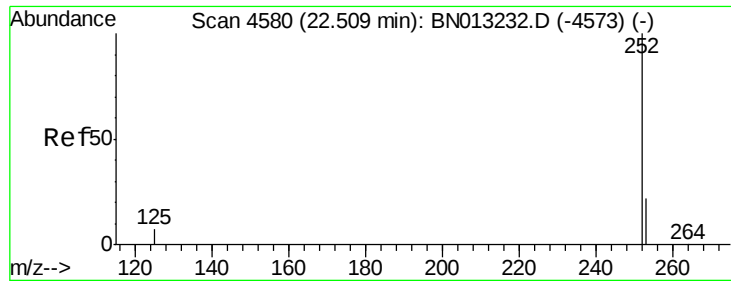
Delta R.T. 0.00 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Tgt Ion:	252	Resp:	35640
Ion Ratio	Lower	Upper	
252	100		
253	27.2	0.0	59.6
125	12.8	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.847 ng/ul m

RT: 22.51 min Scan# 4579

Delta R.T. -0.00 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Instrument :

BNA_N

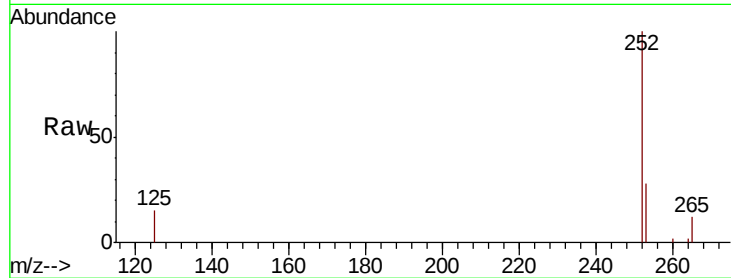
ClientSampleId :

C0AE7DL

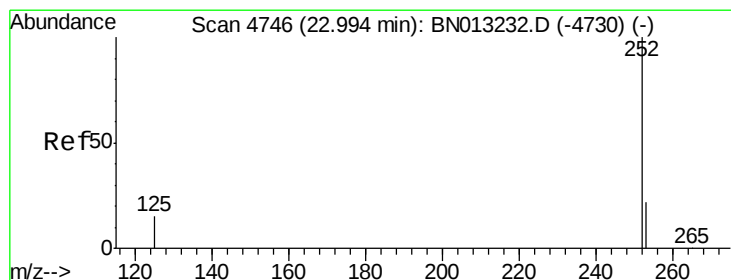
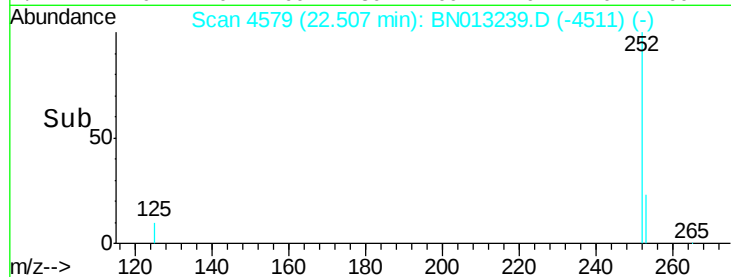
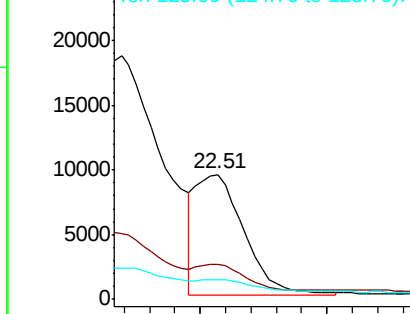
Tot Ion:252	Resp:	12306
Ion Ratio	Lower	Upper
252	100	
253	28.1	23.4 35.2
125	15.4	11.1 16.7

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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: 1.942 ng/ul

RT: 22.99 min Scan# 4744

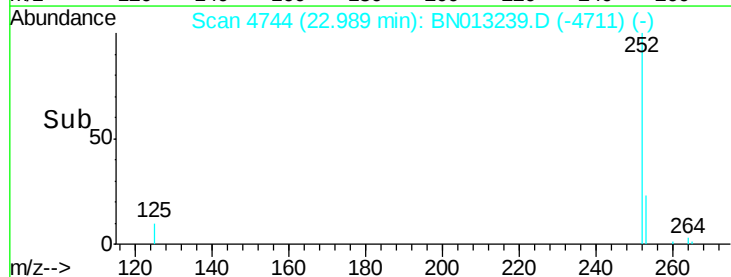
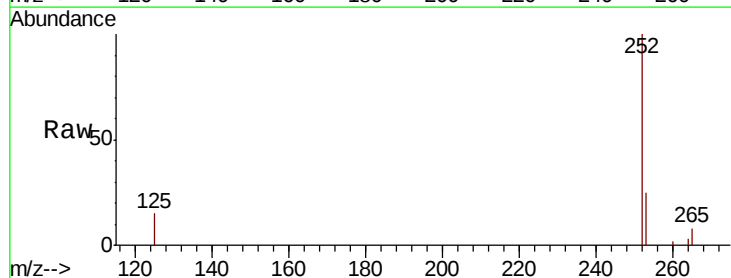
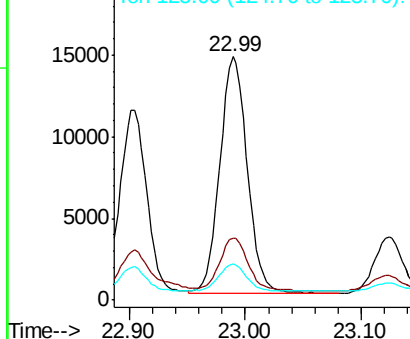
Delta R.T. -0.00 min

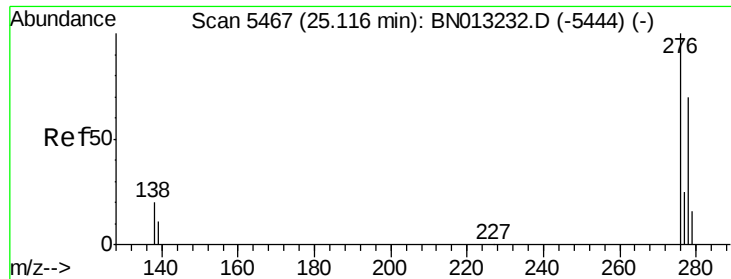
Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Tgt Ion:252	Resp:	23676
Ion Ratio	Lower	Upper
252	100	
253	25.5	26.5 39.7#
125	14.8	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: 1.217 ng/ul

RT: 25.12 min Scan# 5467

Delta R.T. 0.00 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Instrument :

BNA_N

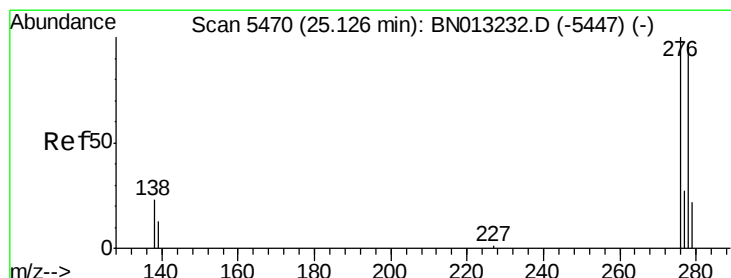
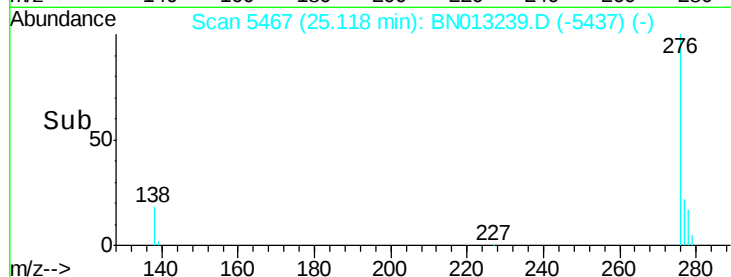
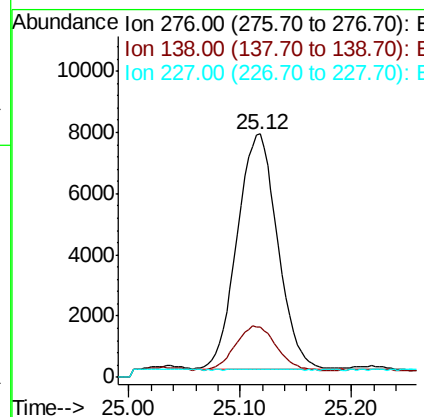
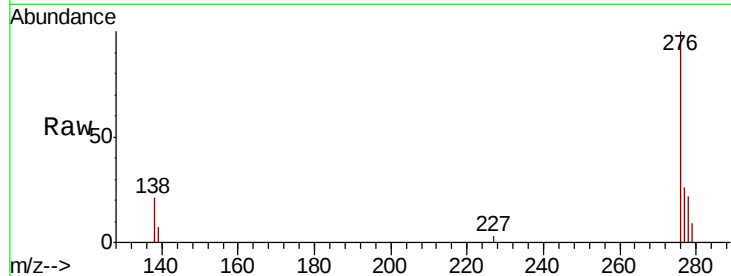
ClientSampleId :

C0AE7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.2	24.2
227	0.4	0.0	0.0

Manual Integrations
APPROVED

mohammad
12/22/2020 2:39:34 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.367 ng/ul

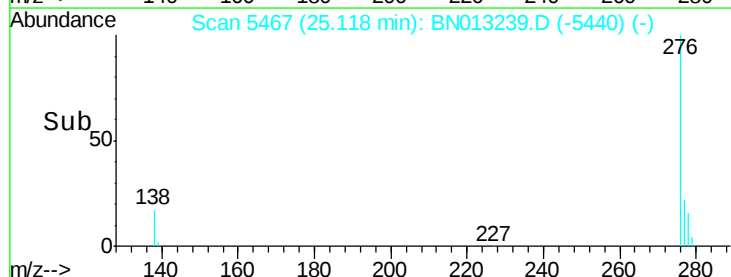
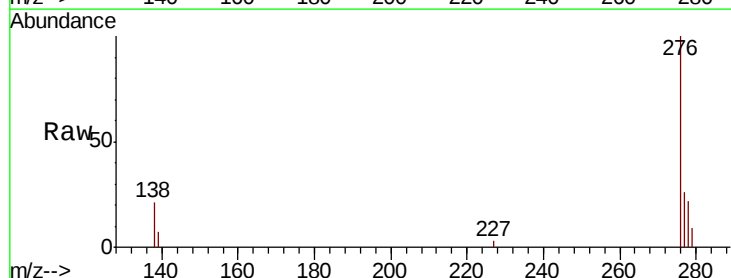
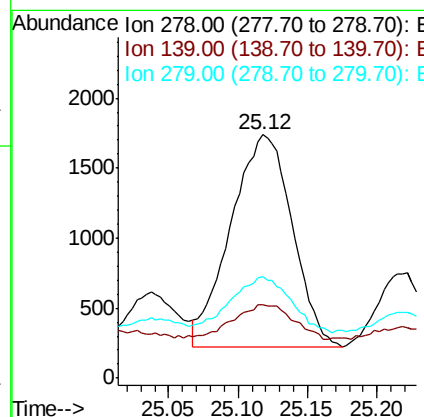
RT: 25.12 min Scan# 5467

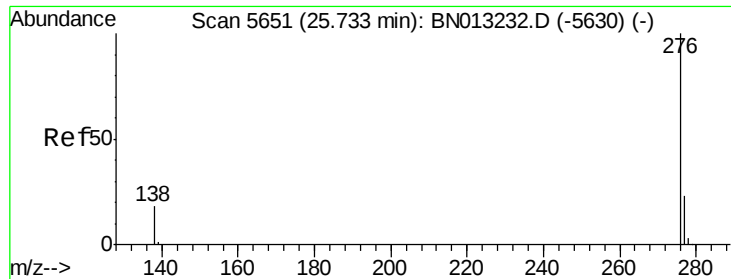
Delta R.T. -0.01 min

Lab File: BN013239.D

Acq: 21 Dec 2020 13:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.0	14.5	21.7
279	41.7	26.3	39.5





#26
 Benzo(a,h,i)perylene
 Concen: 1.161 ng/ul
 RT: 25.73 min Scan# 5651
 Delta R.T. 0.00 min
 Lab File: BN013239.D
 Acq: 21 Dec 2020 13:59

Instrument :
 BNA_N
 ClientSampleId :
 C0AE7DL

Tot Ion:	276	Resp:	16811
Ion Ratio		Lower	Upper
276	100		
138	22.3	16.3	24.5
277	25.9	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/22/2020 2:39:34 PM

