

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
 Data File : BN013237.D
 Acq On : 21 Dec 2020 12:47
 Operator : CG/JU
 Sample : L5151-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE5DL

Manual Integrations
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mohammad
 12/22/2020 2:39:31 PM

Quant Time: Dec 21 13:17:43 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	668	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	2472	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.00	164	1392	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	2714	0.40	ng/ul	0.00
16) Chrysene-d12	21.00	240	2181	0.40	ng/ul	0.00
20) Perylene-d12	23.08	264	2209	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.70	152	182	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	375	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.14	128	3642	0.509	ng/ul	94
5) 2-Methylnaphthalene	11.78	142	3302	0.703	ng/ul	98
7) Acenaphthylene	13.71	152	2047	0.311	ng/ul	96
8) Acenaphthene	14.06	153	376	0.070	ng/ul#	92
9) Fluorene	15.06	166	564	0.091	ng/ul#	95
12) Phenanthrene	16.80	178	9479	1.042	ng/ul	98
13) Anthracene	16.90	178	1956	0.253	ng/ul	97
15) Fluoranthene	18.84	202	23226	2.148	ng/ul	98
17) Pyrene	19.21	202	21380	2.075	ng/ul	99
18) Benzo(a)anthracene	20.98	228	13958	1.547	ng/ul	97
19) Chrysene	21.03	228	15387	1.543	ng/ul	98
21) Benzo(b)fluoranthene	22.47	252	26079m	2.552	ng/ul	
22) Benzo(k)fluoranthene	22.51	252	8741m	0.774	ng/ul	
23) Benzo(a)pyrene	23.00	252	17601	1.856	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.12	276	14106	1.132	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.12	278	3496	0.355	ng/ul#	79
26) Benzo(a,h,i)perylene	25.74	276	12076	1.072	ng/ul	98

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

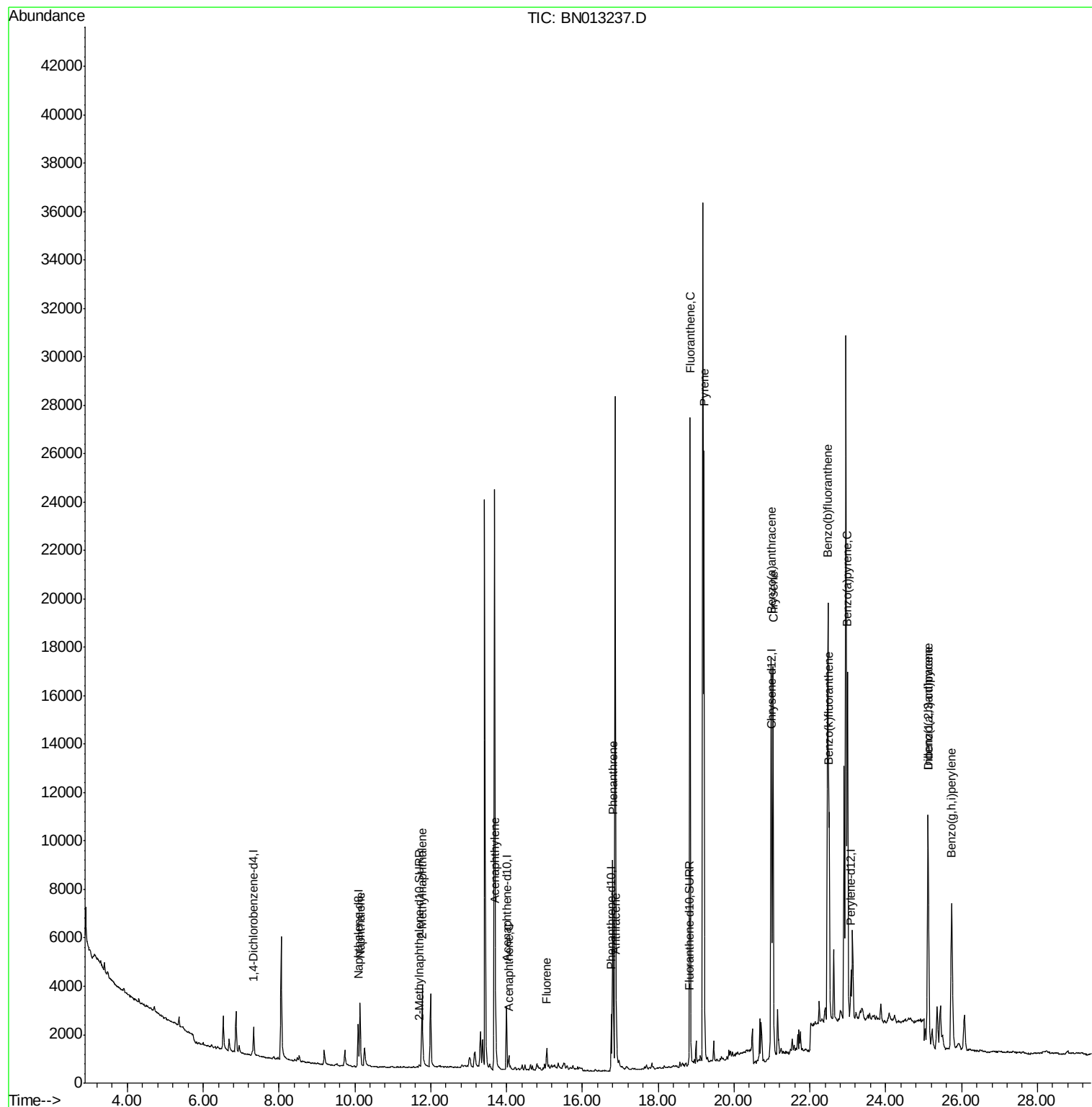
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122120\
Data File : BN013237.D
Acq On : 21 Dec 2020 12:47
Operator : CG/JU
Sample : L5151-01DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

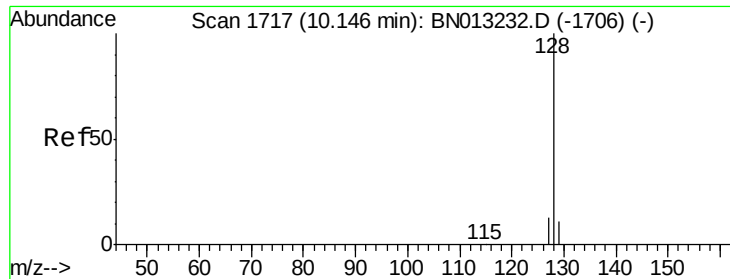
Instrument :
BNA_N
ClientSampleId :
C0AE5DL

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Quant Time: Dec 21 13:17:43 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





#3

Naphthalene

Concen: 0.509 ng/ul

RT: 10.14 min Scan# 1715

Delta R.T. -0.01 min

Lab File: BN013237.D

Acq: 21 Dec 2020 12:47

Instrument :

BNA_N

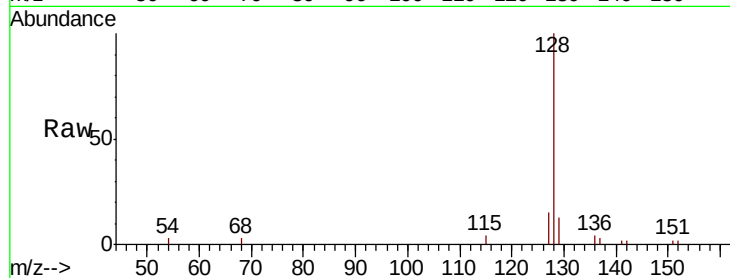
ClientSampleId :

C0AE5DL

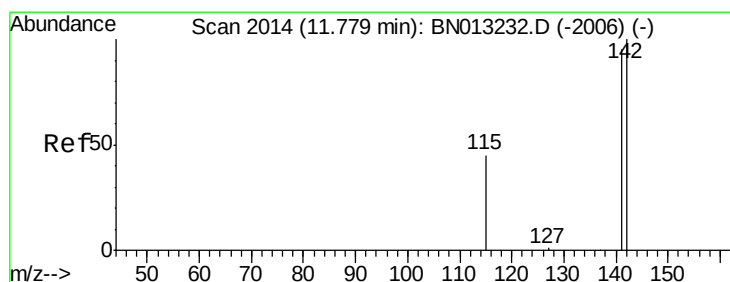
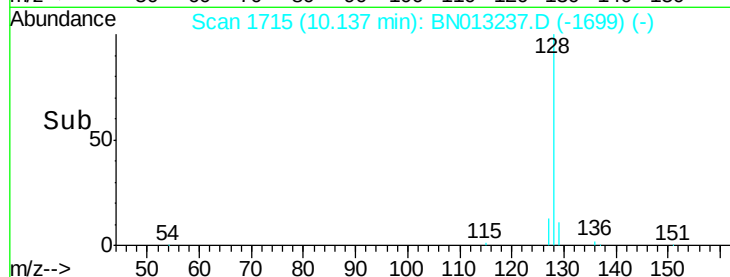
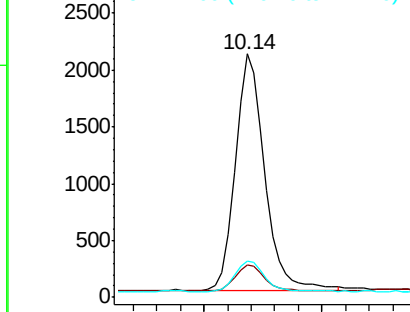
Tot Ion:	128	Resp:	3642
Ion Ratio	Lower	Upper	
128	100		
129	13.4	12.3	18.5
127	14.7	14.2	21.4

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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: 0.703 ng/ul

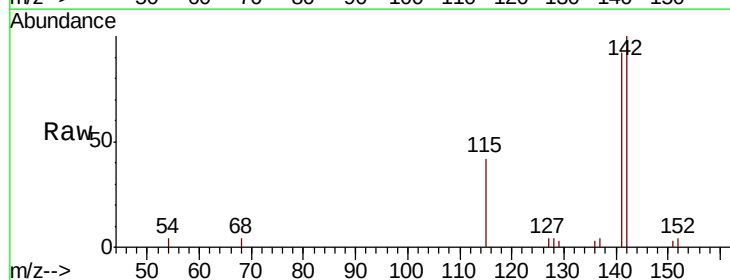
RT: 11.78 min Scan# 2013

Delta R.T. -0.00 min

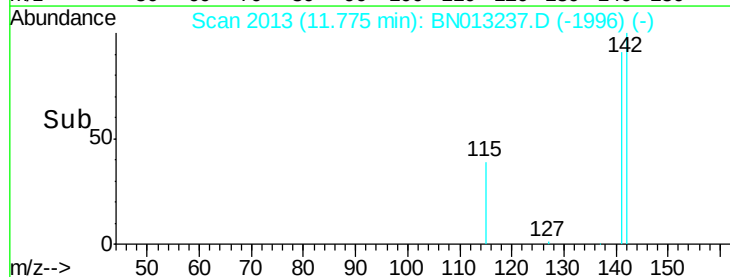
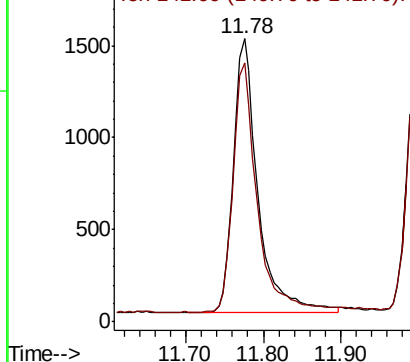
Lab File: BN013237.D

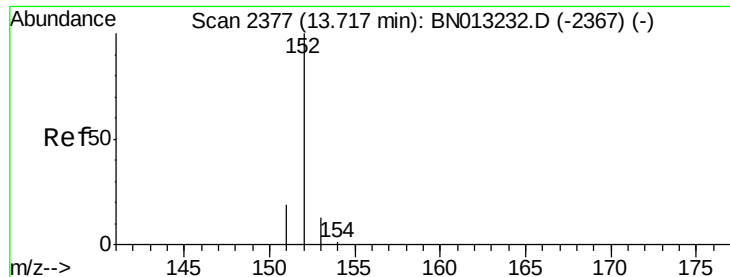
Acq: 21 Dec 2020 12:47

Tgt Ion:	142	Resp:	3302
Ion Ratio	Lower	Upper	
142	100		
141	89.4	73.0	109.6



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





#7

Acenaphthylene

Concen: 0.311 ng/ul

RT: 13.71 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BN013237.D

Acq: 21 Dec 2020 12:47

Instrument :

BNA_N

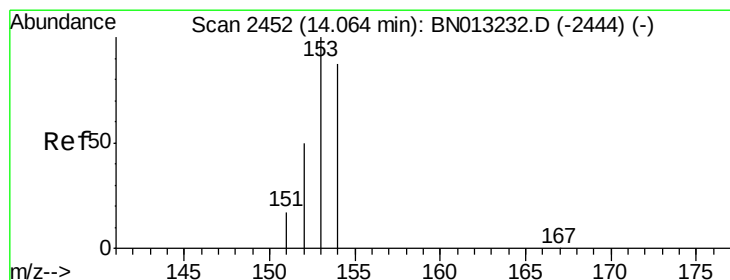
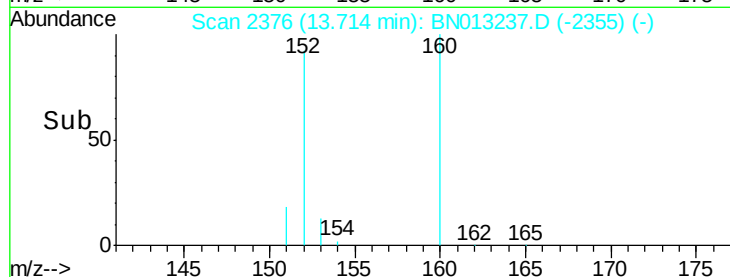
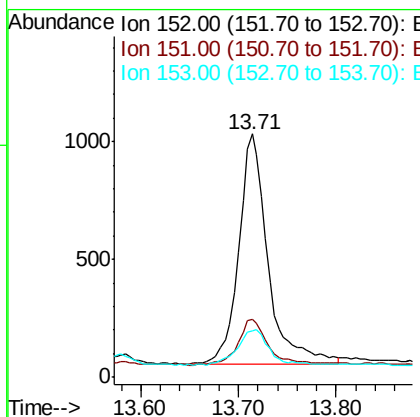
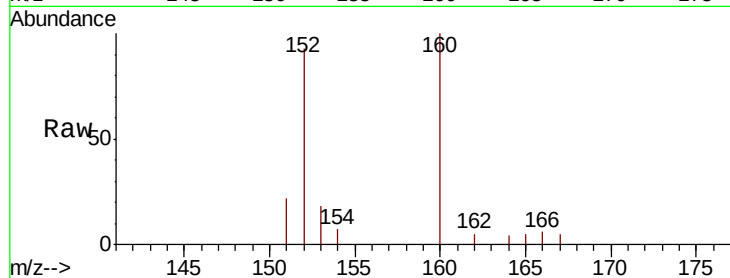
ClientSampleId :

C0AE5DL

Tot Ion:	152	Resp:	2047
Ion Ratio	Lower	Upper	
152	100		
151	23.8	18.2	27.4
153	19.0	13.1	19.7

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#8

Acenaphthene

Concen: 0.070 ng/ul

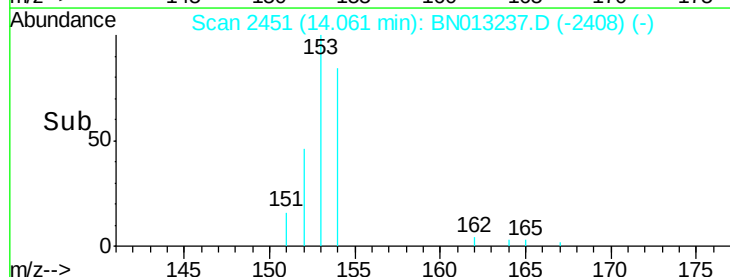
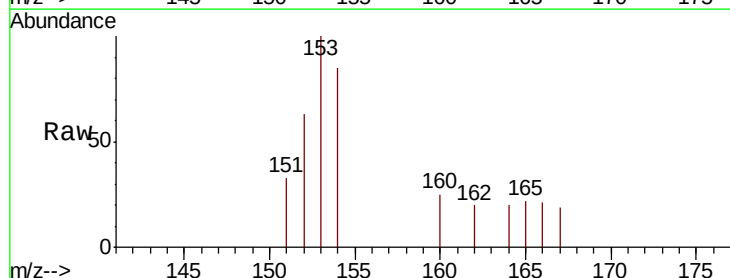
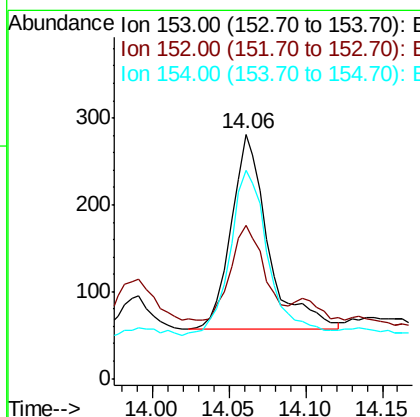
RT: 14.06 min Scan# 2451

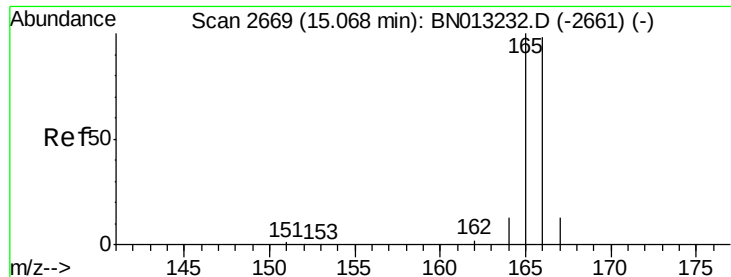
Delta R.T. -0.00 min

Lab File: BN013237.D

Acq: 21 Dec 2020 12:47

Tgt Ion:	153	Resp:	376
Ion Ratio	Lower	Upper	
153	100		
152	62.6	40.7	61.1#
154	85.4	70.8	106.2





#9

Fluorene

Concen: 0.091 ng/ul

RT: 15.06 min Scan# 2668

Delta R.T. -0.00 min

Lab File: BN013237.D

Acq: 21 Dec 2020 12:47

Instrument :

BNA_N

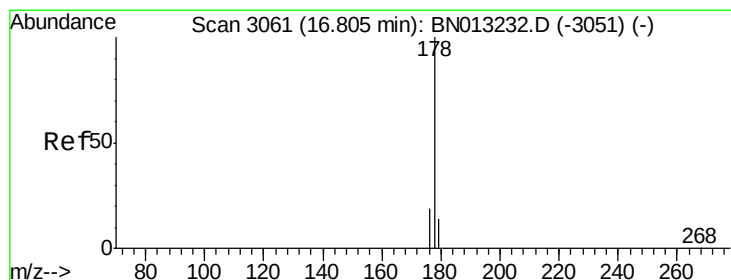
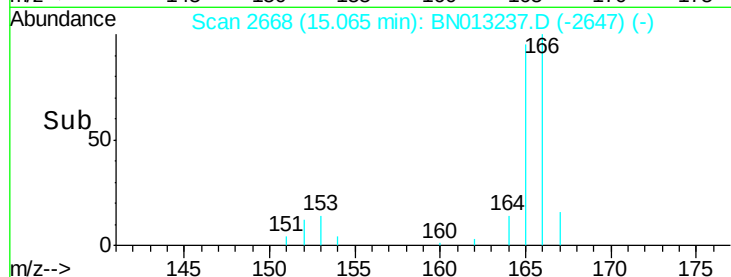
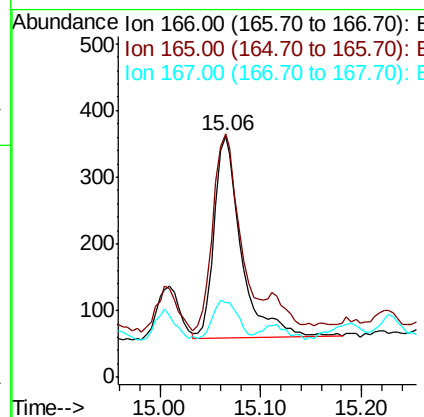
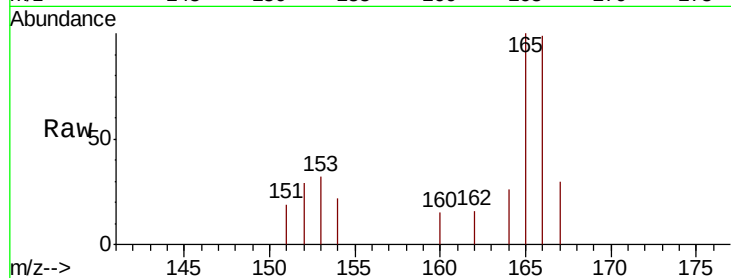
ClientSampleId :

C0AE5DL

Tot Ion:	166	Resp:	564
Ion Ratio	Lower	Upper	
166	100		
165	100.8	79.8	119.8
167	30.7	13.8	20.8

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#12

Phenanthrene

Concen: 1.042 ng/ul

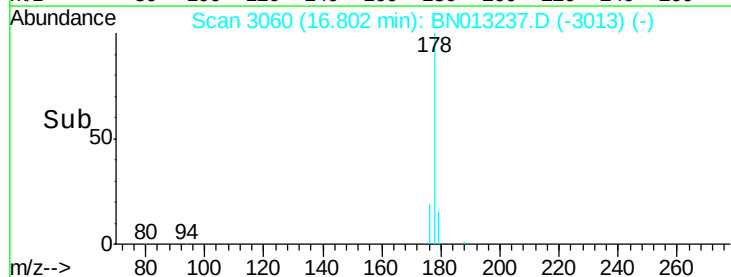
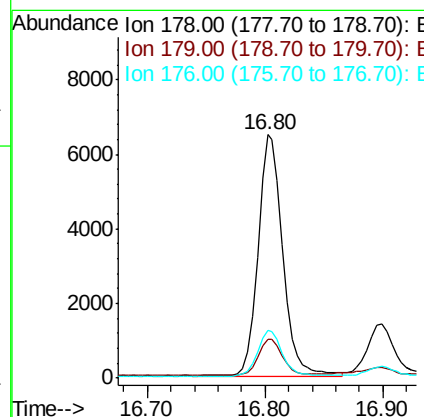
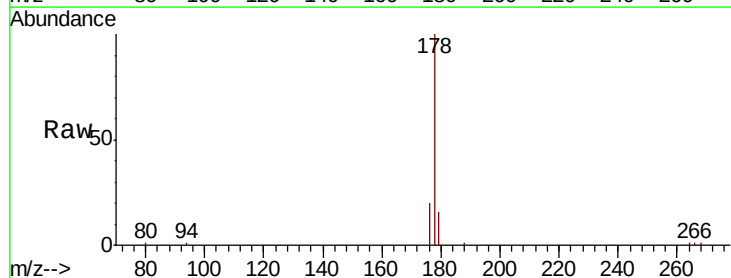
RT: 16.80 min Scan# 3060

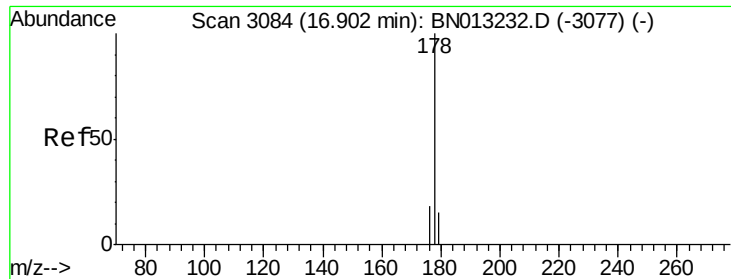
Delta R.T. -0.00 min

Lab File: BN013237.D

Acq: 21 Dec 2020 12:47

Tgt Ion:	178	Resp:	9479
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.6	20.4
176	19.6	16.4	24.6





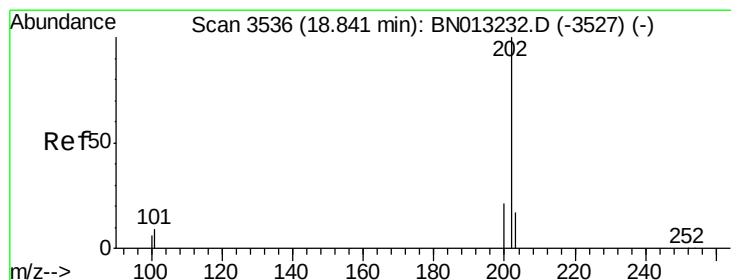
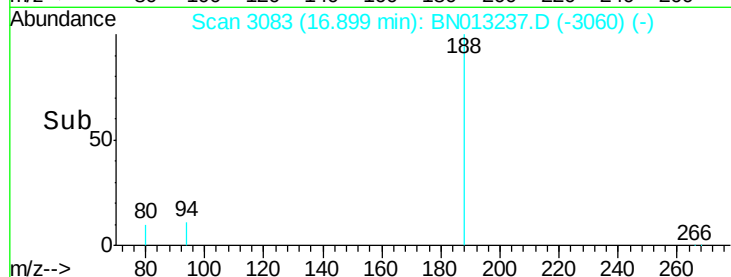
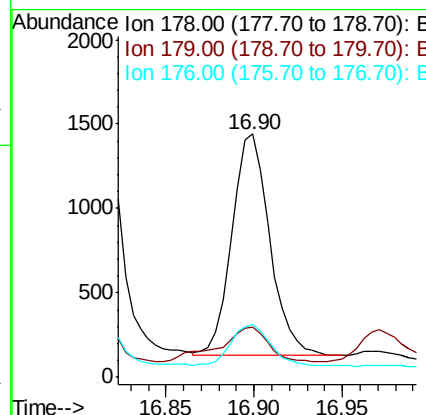
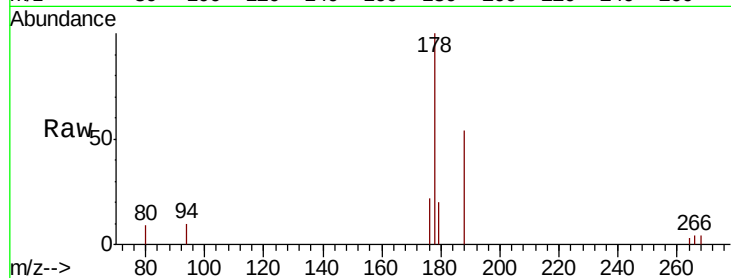
#13
 Anthracene
 Concen: 0.253 ng/ul
 RT: 16.90 min Scan# 3083
 Delta R.T. -0.00 min
 Lab File: BN013237.D
 Acq: 21 Dec 2020 12:47

Instrument :
 BNA_N
 ClientSampleId :
 C0AE5DL

Tot Ion:178	Resp:	1956
Ion Ratio	Lower	Upper
178	100	
179	20.5	14.6 21.8
176	21.6	17.1 25.7

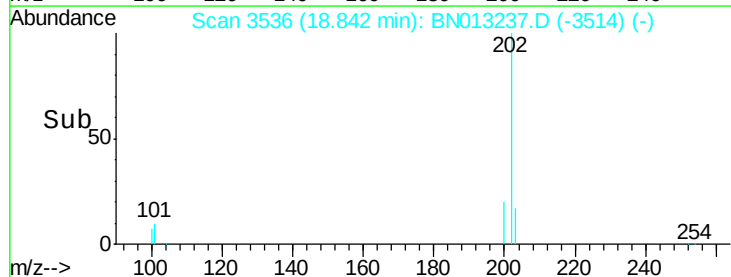
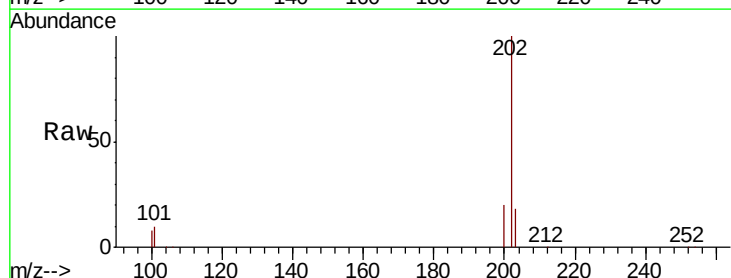
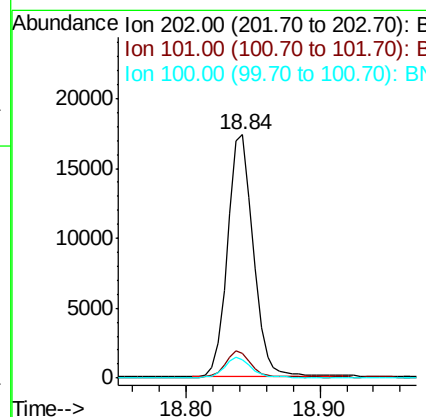
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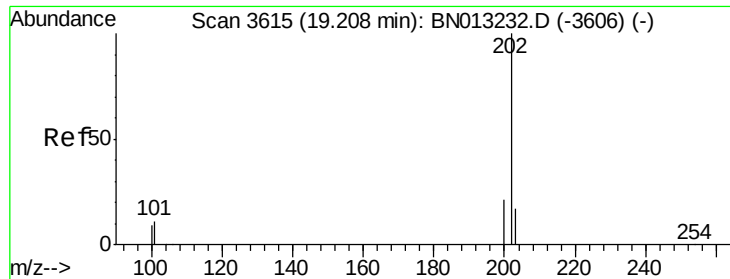
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#15
 Fluoranthene
 Concen: 2.148 ng/ul
 RT: 18.84 min Scan# 3536
 Delta R.T. 0.00 min
 Lab File: BN013237.D
 Acq: 21 Dec 2020 12:47

Tgt Ion:202	Resp:	23226
Ion Ratio	Lower	Upper
202	100	
101	10.0	0.0 30.6
100	7.5	0.0 28.7





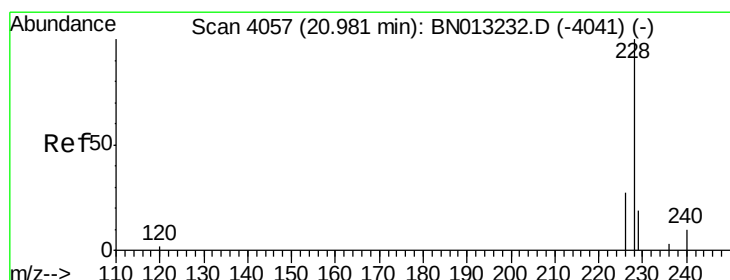
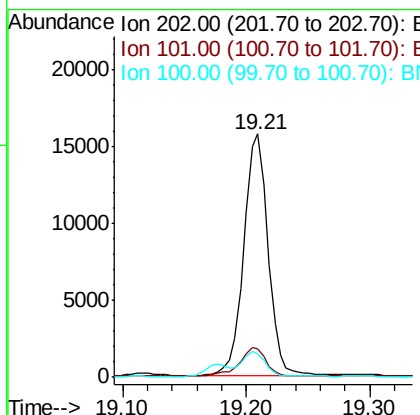
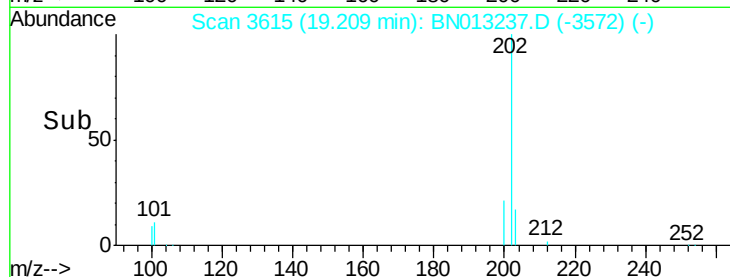
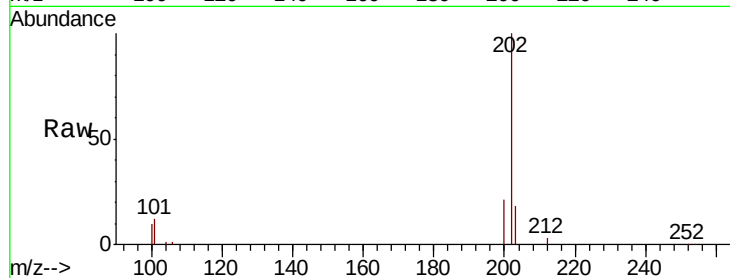
#17
Pvrene
Concen: 2.075 ng/ul
RT: 19.21 min Scan# 3615
Delta R.T. 0.00 min
Lab File: BN013237.D
Acq: 21 Dec 2020 12:47

Instrument :
BNA_N
ClientSampleId :
C0AE5DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.6	9.1	13.7
100	9.7	7.5	11.3

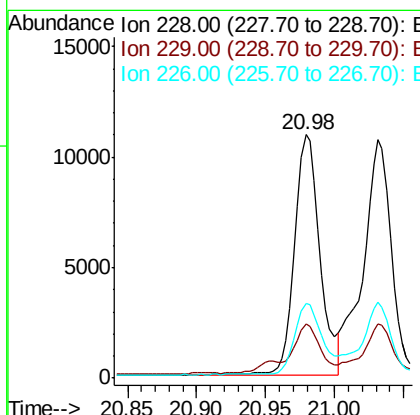
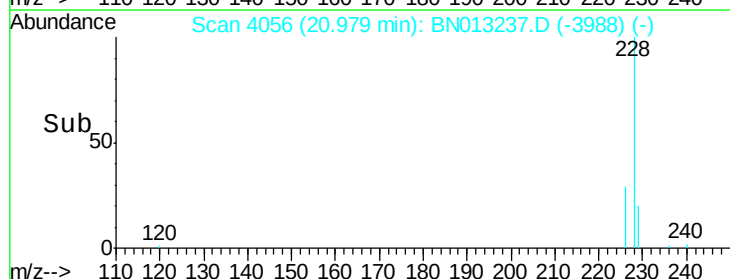
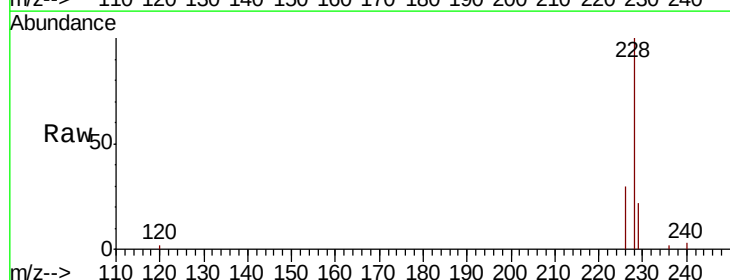
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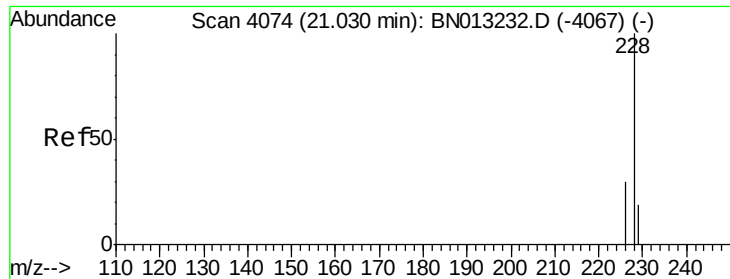
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#18
Benzo(a)anthracene
Concen: 1.547 ng/ul
RT: 20.98 min Scan# 4056
Delta R.T. -0.00 min
Lab File: BN013237.D
Acq: 21 Dec 2020 12:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.2	16.3	24.5
226	30.4	23.4	35.2





#19

Chrysene

Concen: 1.543 ng/ul

RT: 21.03 min Scan# 4074

Delta R.T. 0.00 min

Lab File: BN013237.D

Acq: 21 Dec 2020 12:47

Instrument :

BNA_N

ClientSampled :

C0AE5DL

Tot Ion:228 Resp: 15387

Ion Ratio Lower Upper

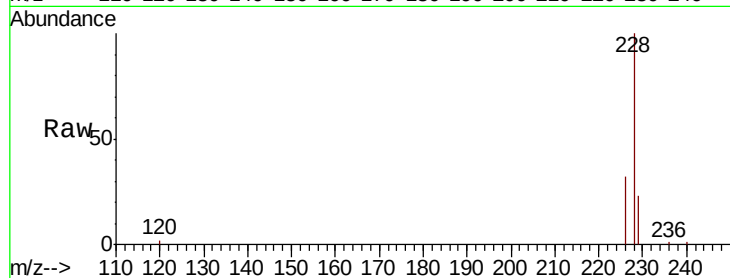
228 100

226 31.9 25.0 37.6

229 22.7 16.4 24.6

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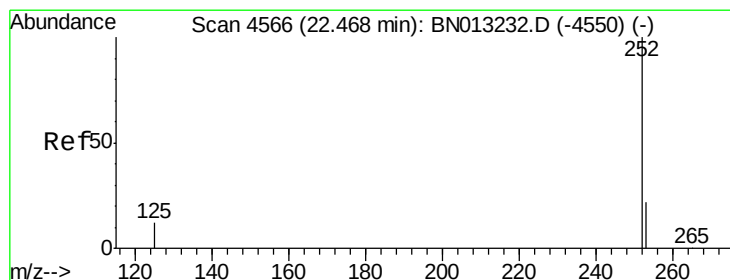
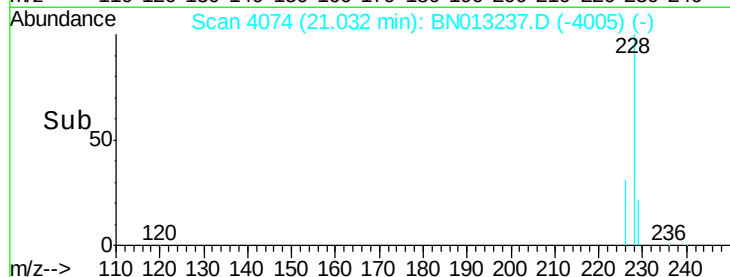
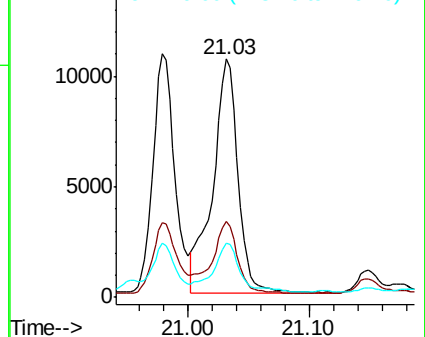
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 2.552 ng/ul m

RT: 22.47 min Scan# 4567

Delta R.T. 0.00 min

Lab File: BN013237.D

Acq: 21 Dec 2020 12:47

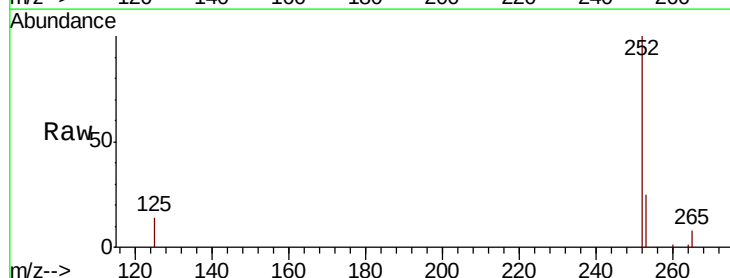
Tgt Ion:252 Resp: 26079

Ion Ratio Lower Upper

252 100

253 25.2 0.0 59.6

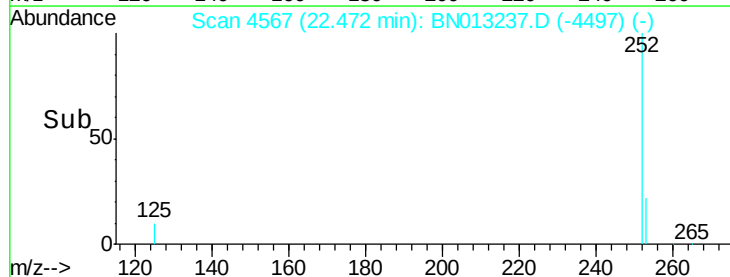
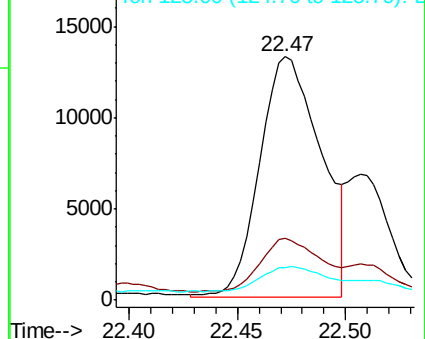
125 13.6 0.0 26.0

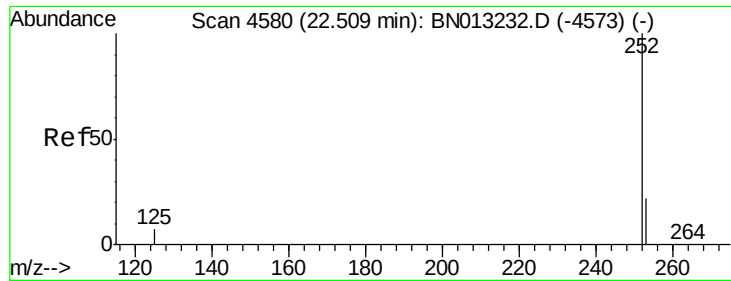


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.774 ng/ul

RT: 22.51 min Scan# 4579

Delta R.T. -0.00 min

Lab File: BN013237.D

Acq: 21 Dec 2020 12:47

Instrument :

BNA_N

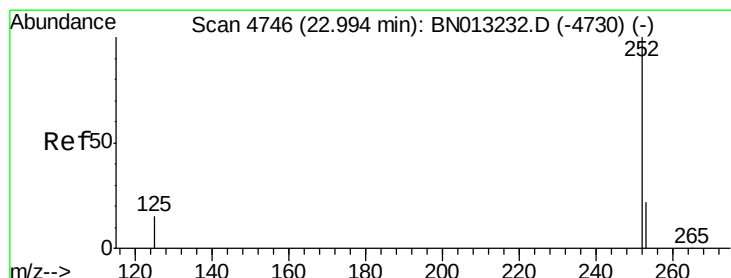
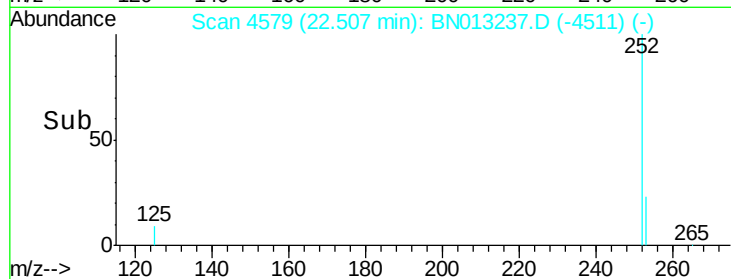
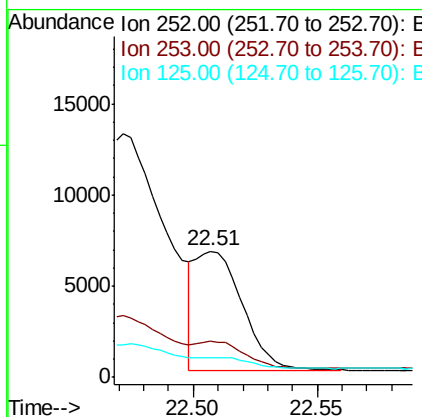
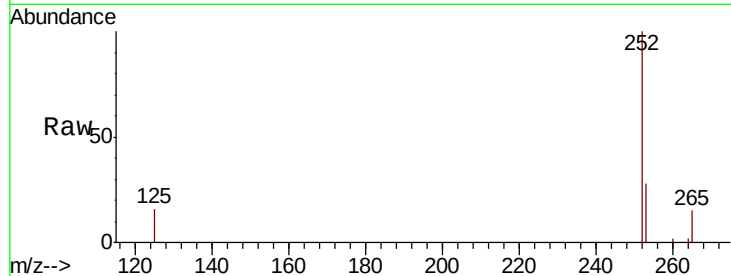
ClientSampleId :

C0AE5DL

Tot Ion:	252	Resp:	8741
Ion Ratio	Lower	Upper	
252	100		
253	28.3	23.4	35.2
125	15.8	11.1	16.7

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#23

Benzo(a)pyrene

Concen: 1.856 ng/ul

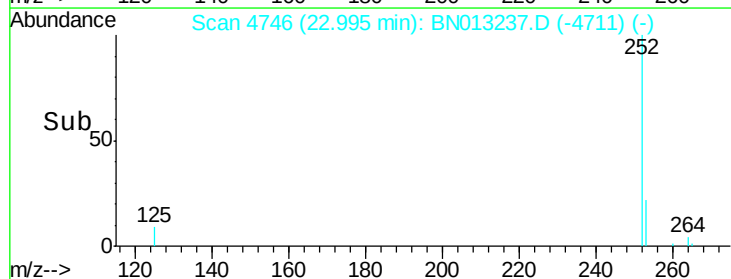
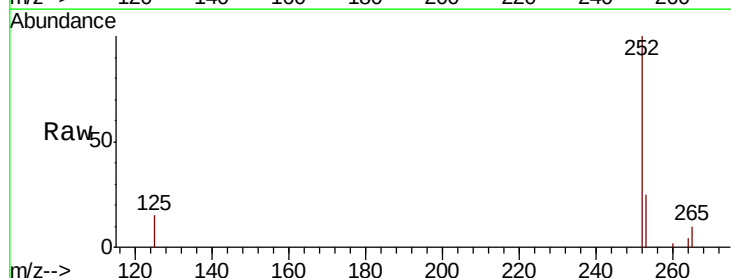
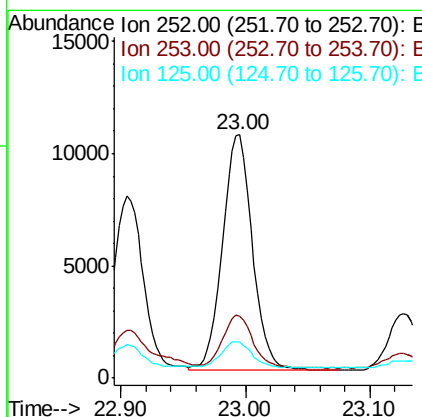
RT: 23.00 min Scan# 4746

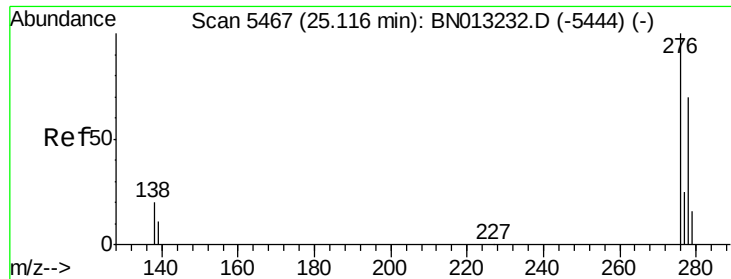
Delta R.T. 0.00 min

Lab File: BN013237.D

Acq: 21 Dec 2020 12:47

Tgt Ion:	252	Resp:	17601
Ion Ratio	Lower	Upper	
252	100		
253	25.4	26.5	39.7#
125	14.9	14.2	21.2





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.132 ng/ul

RT: 25.12 min Scan# 5467

Delta R.T. 0.00 min

Lab File: BN013237.D

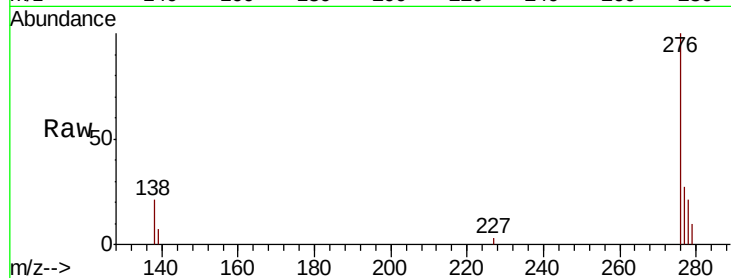
Acq: 21 Dec 2020 12:47

Instrument :

BNA_N

ClientSampleId :

C0AE5DL



Tot Ion:276 Resp: 14106

Ion Ratio Lower Upper

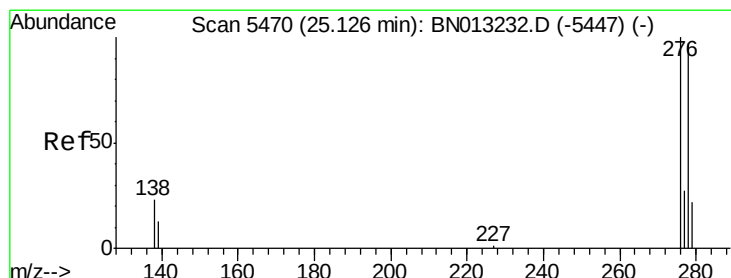
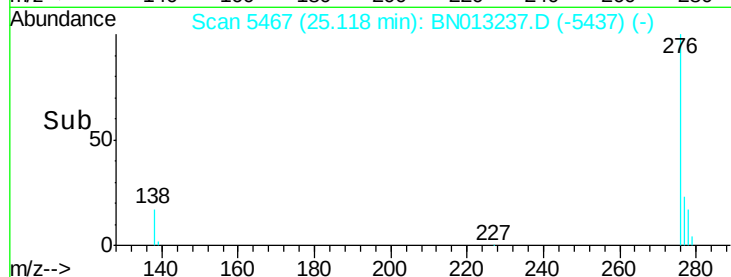
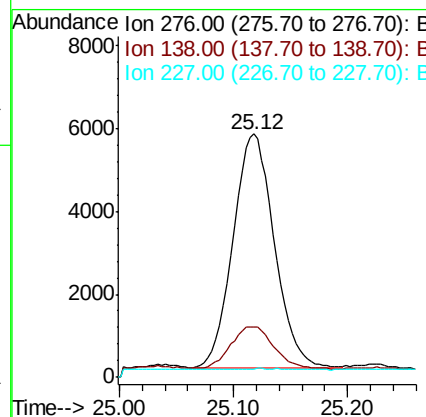
276 100

138 19.1 16.2 24.2

227 0.4 0.0 0.0#

Manual Integrations
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mohammad
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#25

Dibenzo(a,h)anthracene

Concen: 0.355 ng/ul

RT: 25.12 min Scan# 5469

Delta R.T. -0.00 min

Lab File: BN013237.D

Acq: 21 Dec 2020 12:47

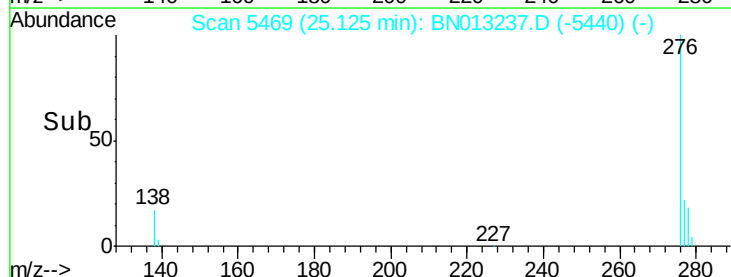
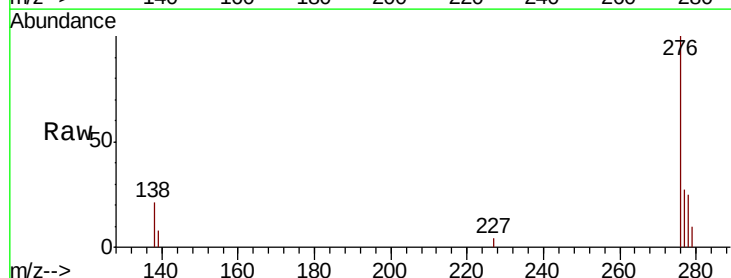
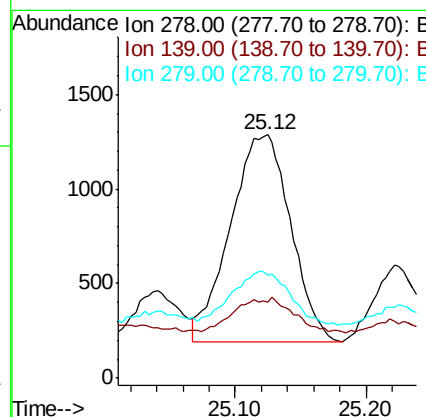
Tgt Ion:278 Resp: 3496

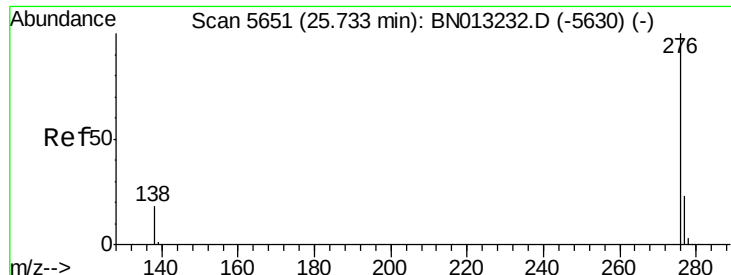
Ion Ratio Lower Upper

278 100

139 31.4 14.5 21.7#

279 42.0 26.3 39.5#





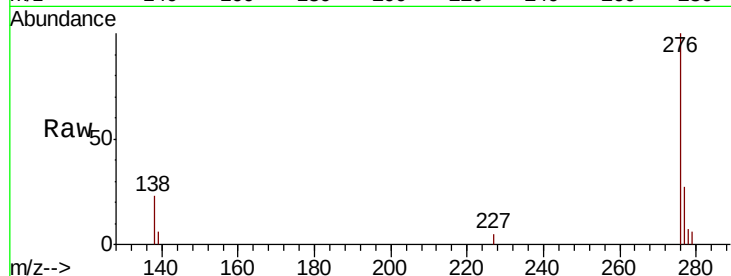
#26
 Benzo(a,h,i)perylene
 Concen: 1.072 ng/ul
 RT: 25.74 min Scan# 5653
 Delta R.T. 0.01 min
 Lab File: BN013237.D
 Acq: 21 Dec 2020 12:47

Instrument :
 BNA_N
 ClientSampleId :
 C0AE5DL

Tot Ion:	276	Resp:	12076
Ion Ratio	Lower	Upper	
276	100		
138	22.5	16.3	24.5
277	27.4	21.8	32.6

Manual Integrations
 APPROVED

mohammad
 12/22/2020 2:39:31 PM



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

