

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
 Data File : BN011375.D
 Acq On : 06 Aug 2020 12:39
 Operator : CG/JU
 Sample : L3419-18DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG7DL

Manual Integrations
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Quant Time: Aug 06 13:14:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1390	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4591	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2665	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	5910	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	6071	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	5836	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.82	152	234	0.02	ng/ul	0.01
14) Fluoranthene-d10	18.88	212	604	0.02	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	1410	0.111	ng/ul#	92
8) Acenaphthene	14.15	153	203	0.020	ng/ul#	93
9) Fluorene	15.15	166	267	0.022	ng/ul#	90
12) Phenanthrene	16.89	178	2765	0.141	ng/ul	96
13) Anthracene	16.98	178	1306	0.076	ng/ul#	87
15) Fluoranthene	18.91	202	9304	0.385	ng/ul	97
17) Pyrene	19.28	202	10003	0.363	ng/ul	99
18) Benzo(a)anthracene	21.05	228	4884	0.209	ng/ul	92
19) Chrysene	21.10	228	12470	0.466	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	31538m	1.295	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	10644m	0.390	ng/ul	
23) Benzo(a)pyrene	23.09	252	12049	0.569	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.24	276	34239	1.538	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.24	278	7282	0.411	ng/ul	99
26) Benzo(g,h,i)perylene	25.86	276	62447	3.105	ng/ul	97

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

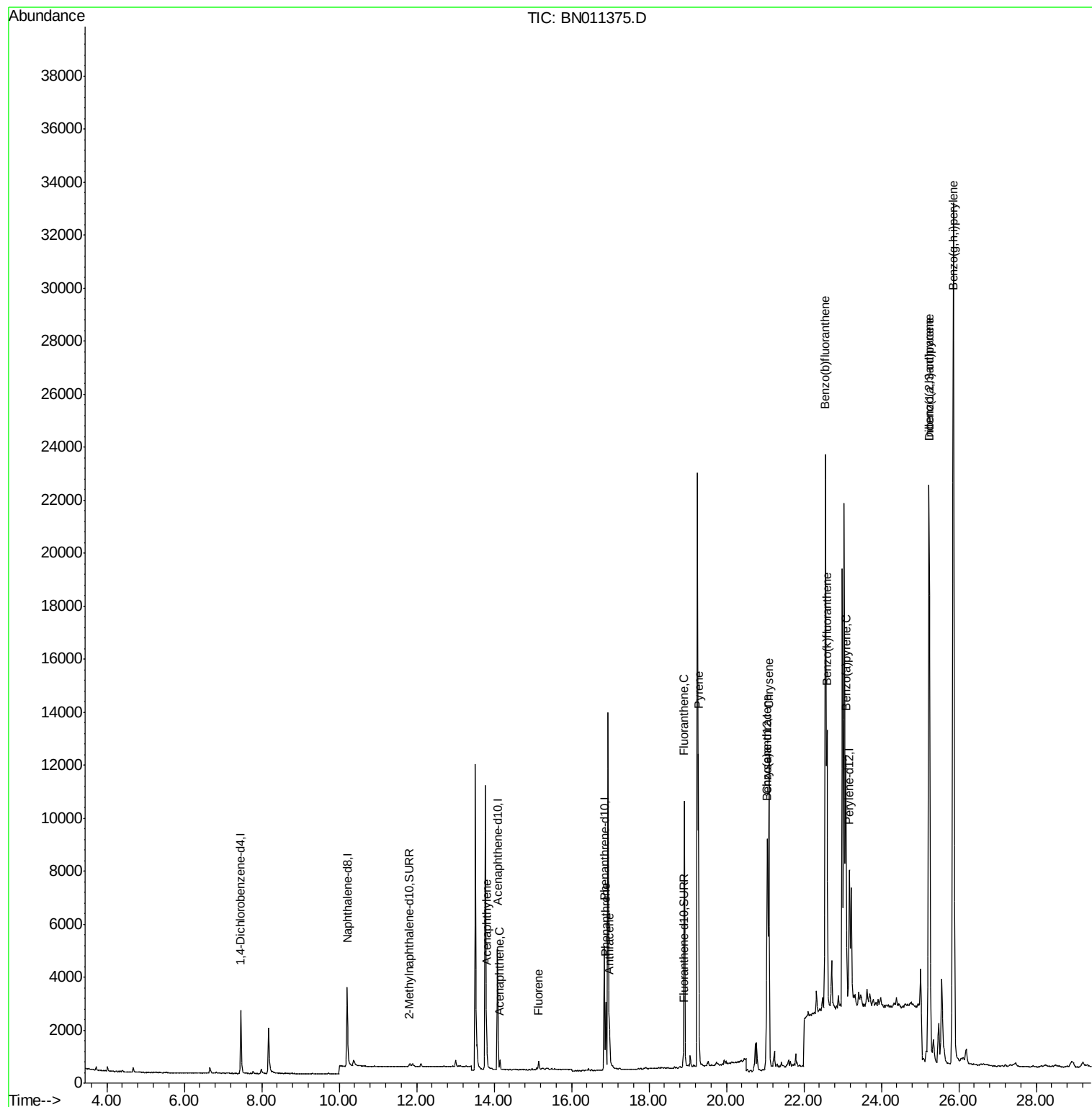
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
Data File : BN011375.D
Acq On : 06 Aug 2020 12:39
Operator : CG/JU
Sample : L3419-18DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

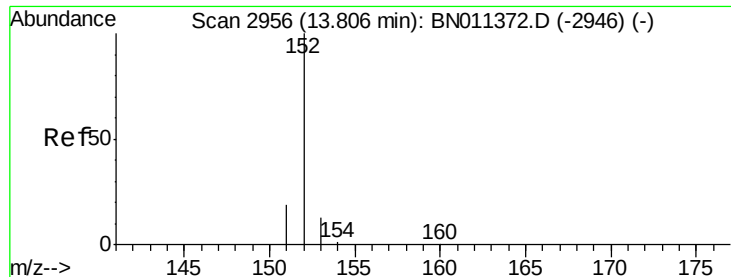
Instrument :
BNA_N
ClientSampleId :
C0AG7DL

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Quant Time: Aug 06 13:14:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:09:32 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.111 ng/ul

RT: 13.81 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BN011375.D

Acq: 06 Aug 2020 12:39

Instrument :

BNA_N

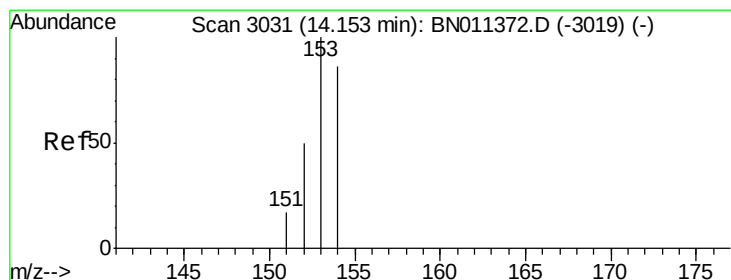
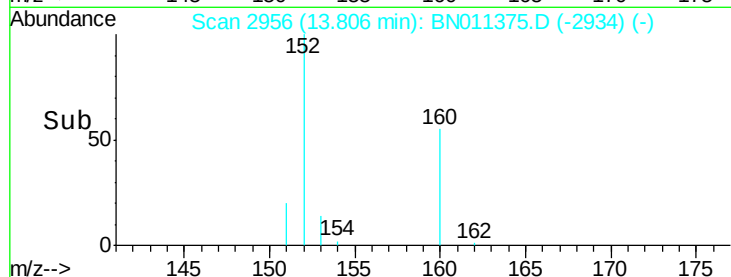
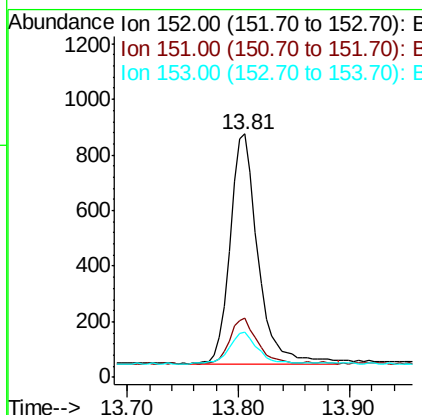
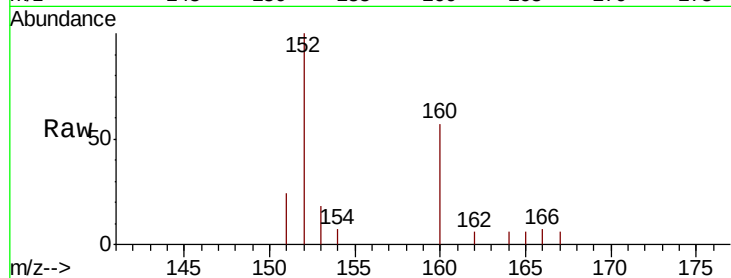
ClientSampleId :

C0AG7DL

Tot Ion	152	Resp:	1410
Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.1	25.7
153	18.4	11.4	17.0

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#8

Acenaphthene

Concen: 0.020 ng/ul

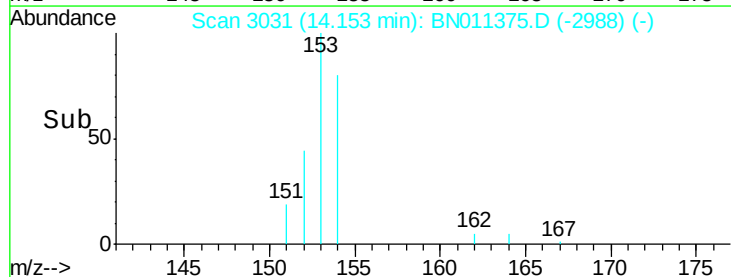
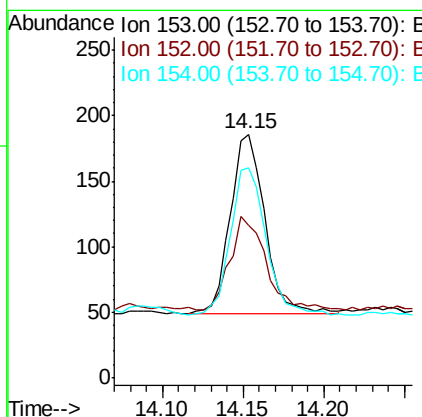
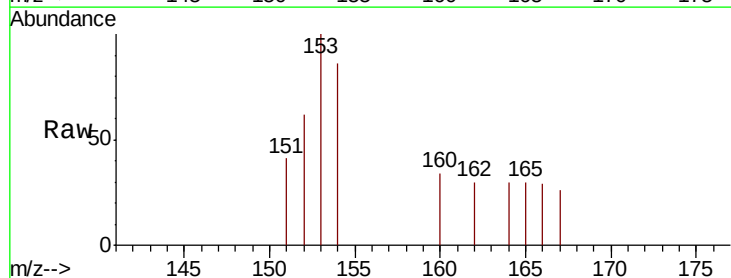
RT: 14.15 min Scan# 3031

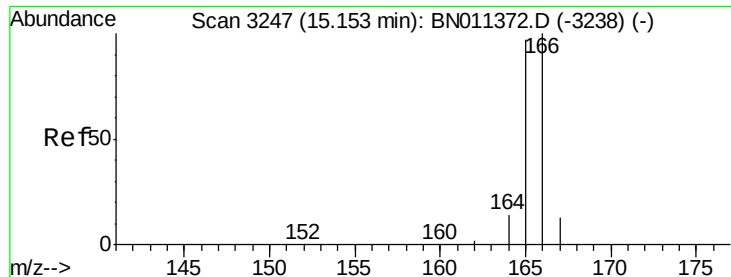
Delta R.T. -0.00 min

Lab File: BN011375.D

Acq: 06 Aug 2020 12:39

Tgt Ion	153	Resp:	203
Ion	Ratio	Lower	Upper
153	100		
152	62.4	40.5	60.7
154	86.0	69.5	104.3





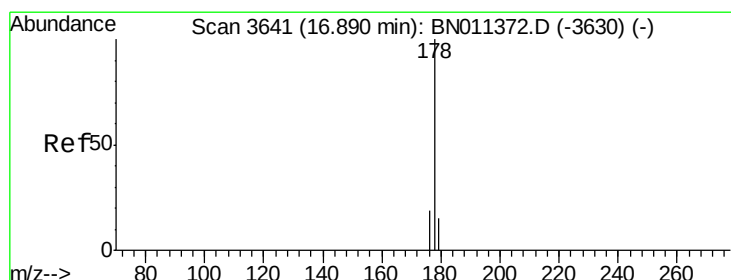
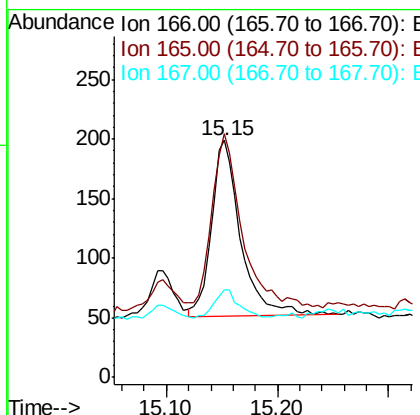
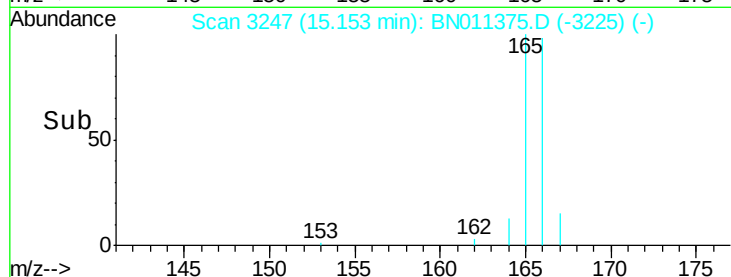
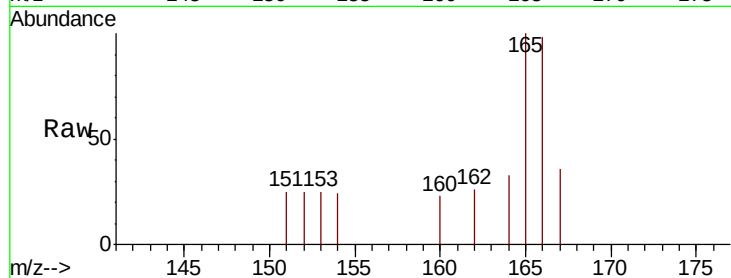
#9
Fluorene
 Concen: 0.022 ng/ul
 RT: 15.15 min Scan# 3247
 Delta R.T. -0.00 min
 Lab File: BN011375.D
 Acq: 06 Aug 2020 12:39

Instrument :
 BNA_N
 ClientSampled :
 C0AG7DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.5	78.8	118.2
167	36.7	12.1	18.1

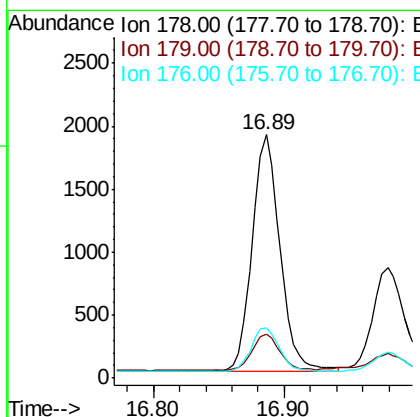
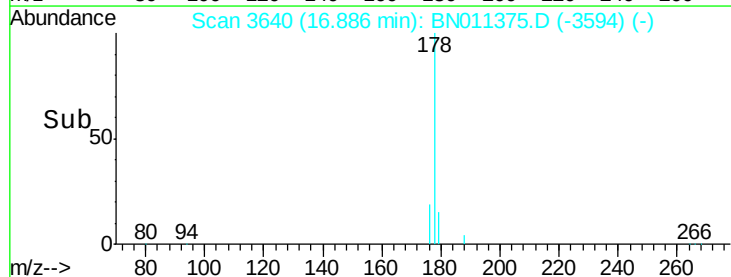
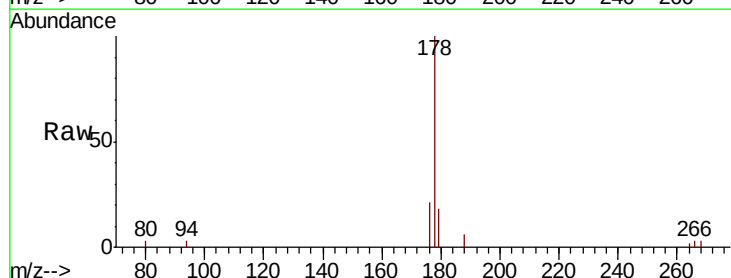
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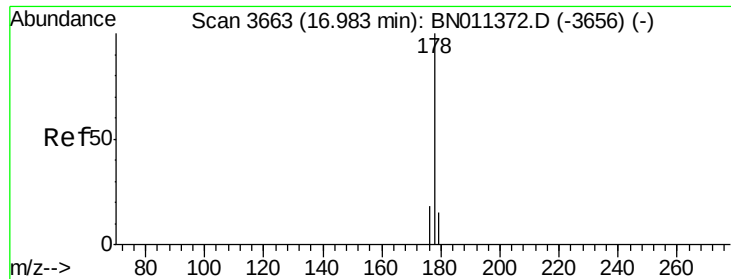
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#12
Phenanthrene
 Concen: 0.141 ng/ul
 RT: 16.89 min Scan# 3640
 Delta R.T. -0.00 min
 Lab File: BN011375.D
 Acq: 06 Aug 2020 12:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.6	18.8
176	20.6	15.7	23.5





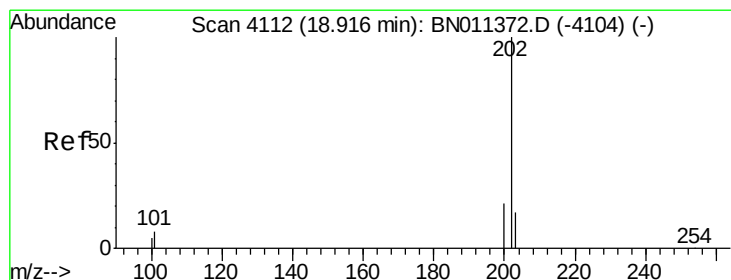
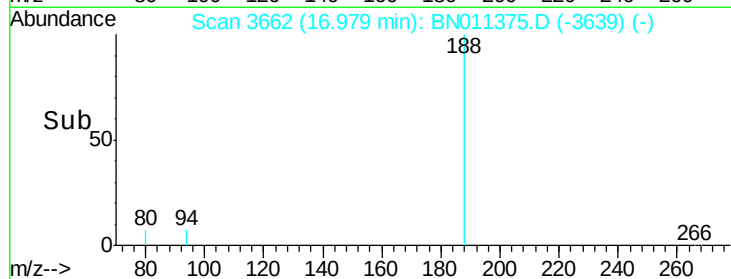
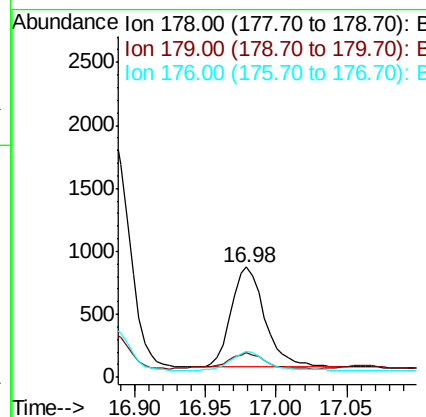
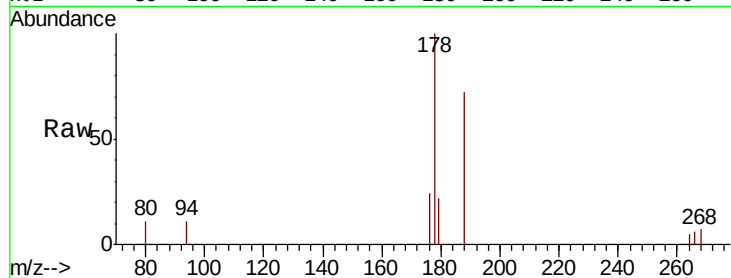
#13
 Anthracene
 Concen: 0.076 ng/ul
 RT: 16.98 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: BN011375.D
 Acq: 06 Aug 2020 12:39

Instrument :
 BNA_N
 ClientSampleID :
 C0AG7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.3	13.1	19.7#
176	23.8	14.8	22.2#

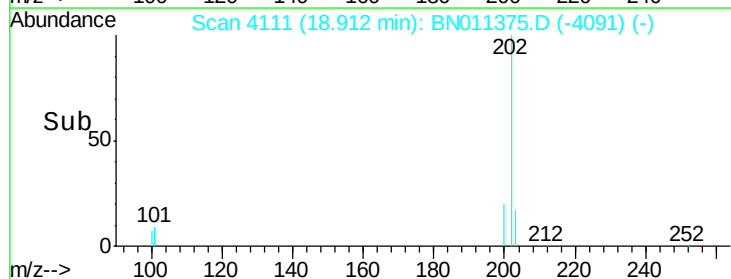
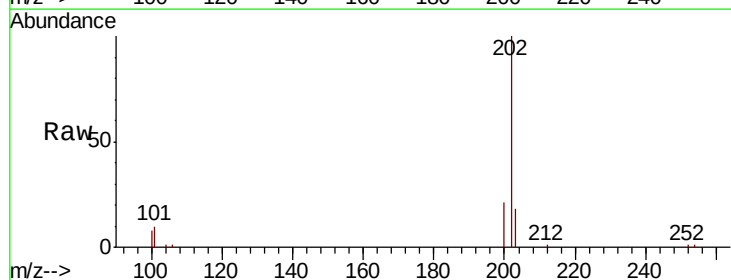
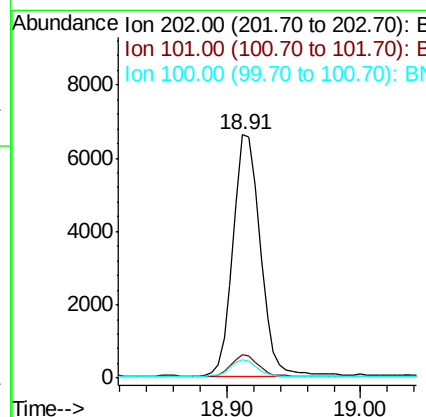
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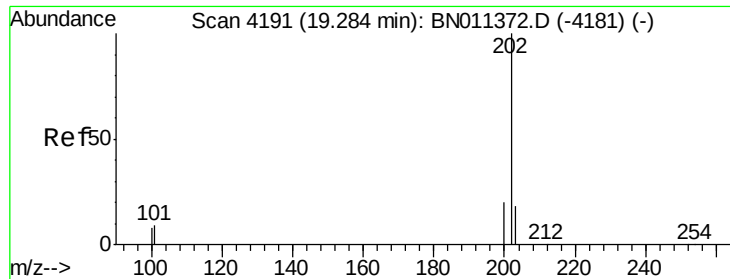
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#15
 Fluoranthene
 Concen: 0.385 ng/ul
 RT: 18.91 min Scan# 4111
 Delta R.T. -0.00 min
 Lab File: BN011375.D
 Acq: 06 Aug 2020 12:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	28.2
100	7.5	0.0	26.8





#17

Pvrene

Concen: 0.363 ng/ul

RT: 19.28 min Scan# 4190

Delta R.T. -0.00 min

Lab File: BN011375.D

Acq: 06 Aug 2020 12:39

Instrument :

BNA_N

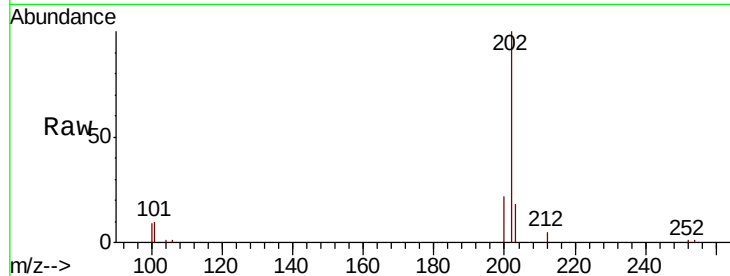
ClientSampleId :

C0AG7DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.2	8.5	12.7
100	8.6	7.1	10.7

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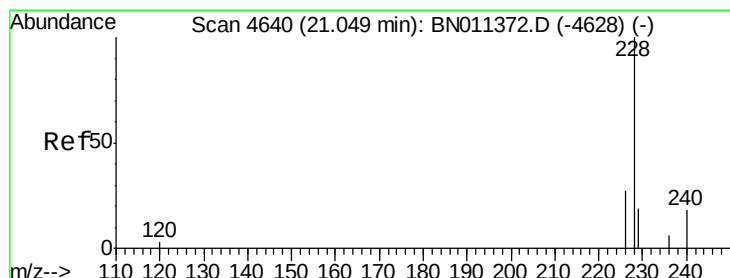
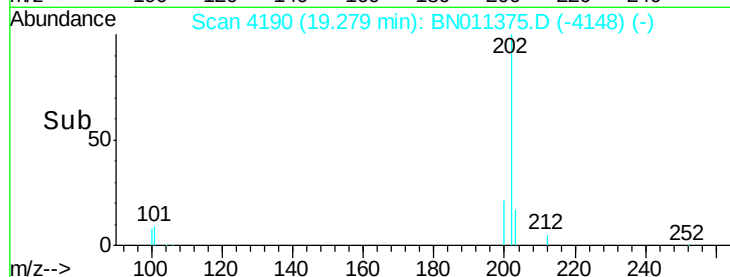
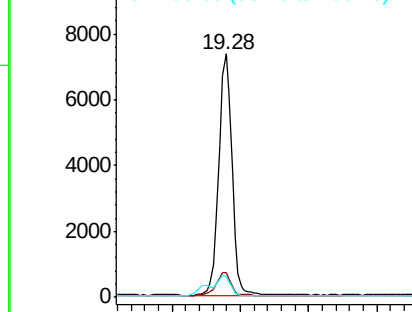
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Abundance Ion 202.00 (201.70 to 202.70): E

10000 Ion 101.00 (100.70 to 101.70): E

8000 Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.209 ng/ul

RT: 21.05 min Scan# 4639

Delta R.T. -0.00 min

Lab File: BN011375.D

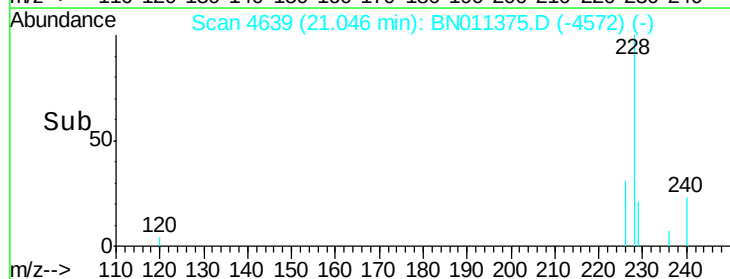
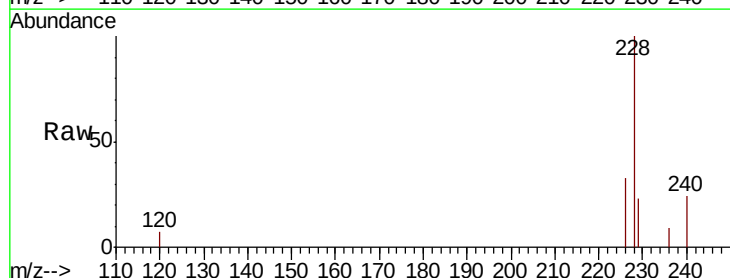
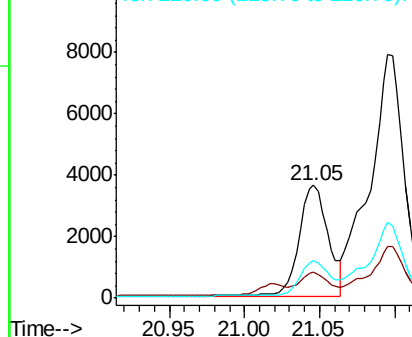
Acq: 06 Aug 2020 12:39

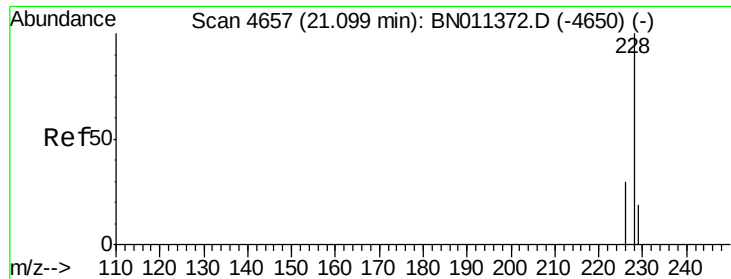
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.9	16.1	24.1
226	32.9	22.2	33.2

Abundance Ion 228.00 (227.70 to 228.70): E

10000 Ion 229.00 (228.70 to 229.70): E

8000 Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.466 ng/ul

RT: 21.10 min Scan# 4656

Delta R.T. -0.00 min

Lab File: BN011375.D

Acq: 06 Aug 2020 12:39

Instrument :

BNA_N

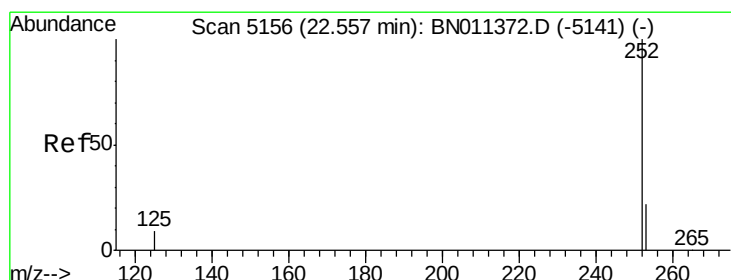
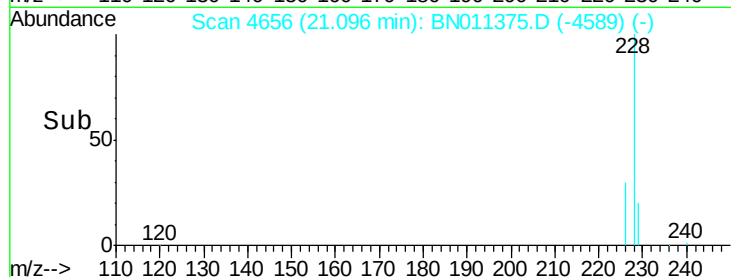
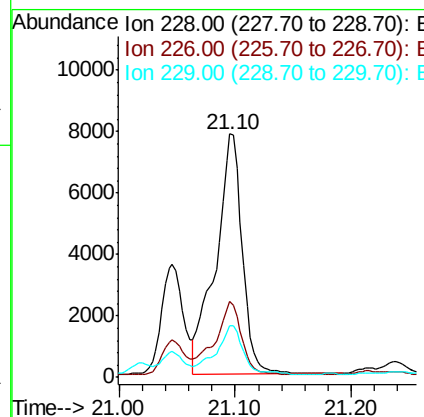
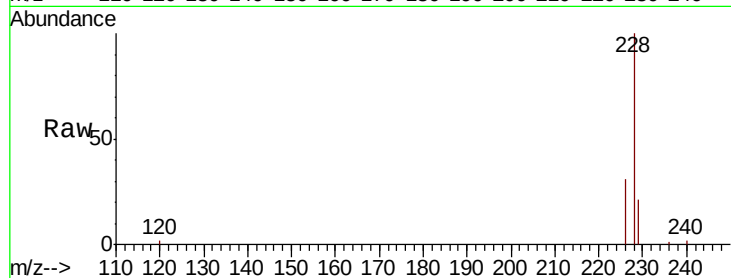
ClientSampleId :

C0AG7DL

Tot Ion:	228	Resp:	12470
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	21.0	15.8	23.6

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#21

Benzo(b)fluoranthene

Concen: 1.295 ng/ul m

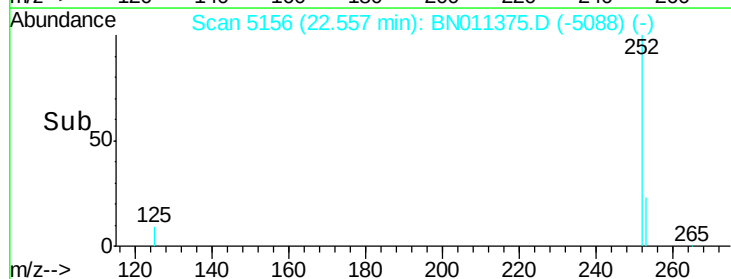
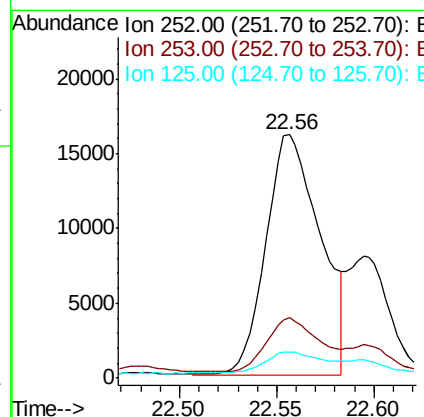
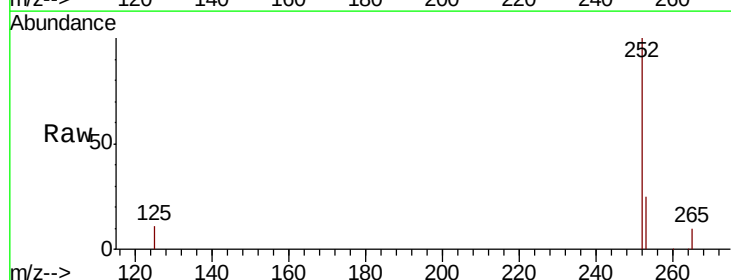
RT: 22.56 min Scan# 5156

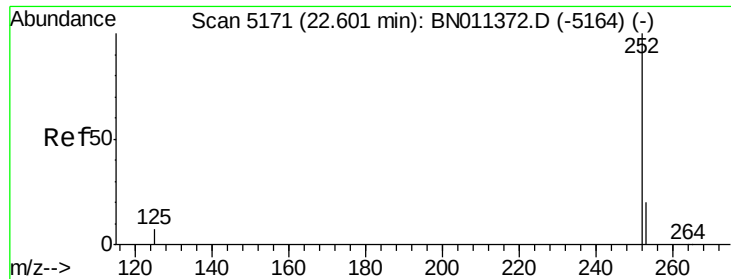
Delta R.T. -0.00 min

Lab File: BN011375.D

Acq: 06 Aug 2020 12:39

Tgt Ion:	252	Resp:	31538
Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	51.8
125	10.7	0.0	24.2





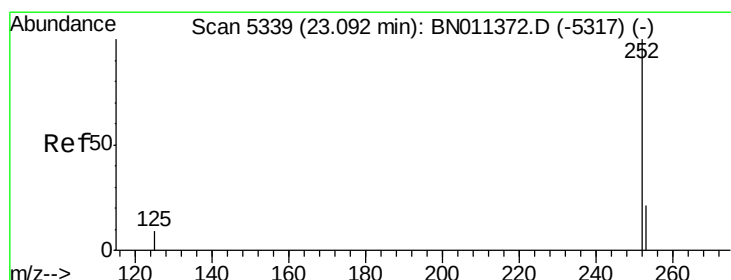
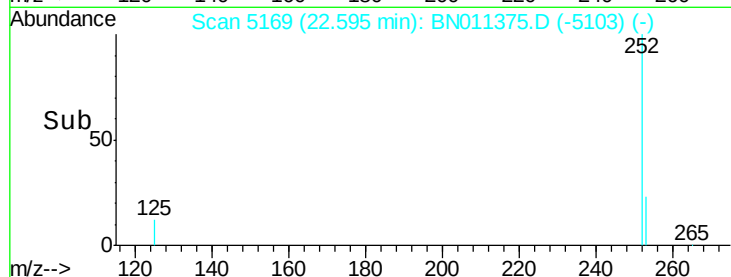
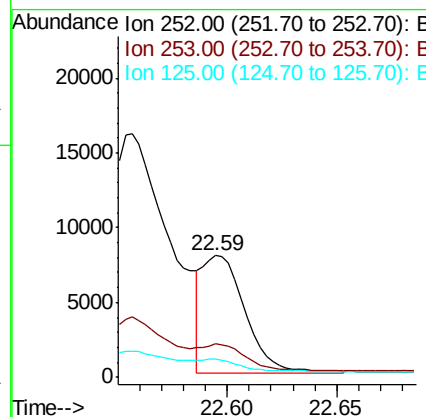
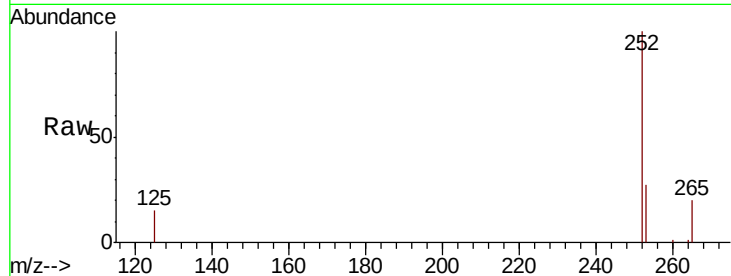
#22
Benzo(k)fluoranthene
Concen: 0.390 ng/ul m
RT: 22.59 min Scan# 5169
Delta R.T. -0.01 min
Lab File: BN011375.D
Acq: 06 Aug 2020 12:39

Instrument :
BNA_N
ClientSampleId :
C0AG7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.4	32.0
125	14.9	12.6	18.8

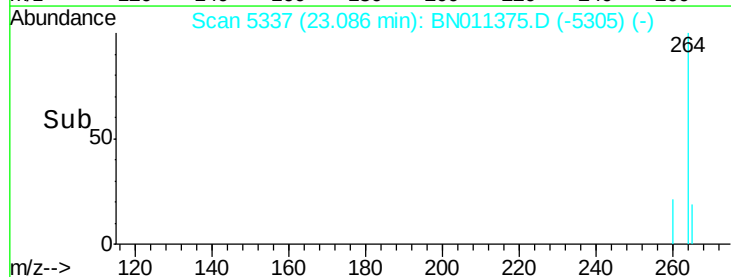
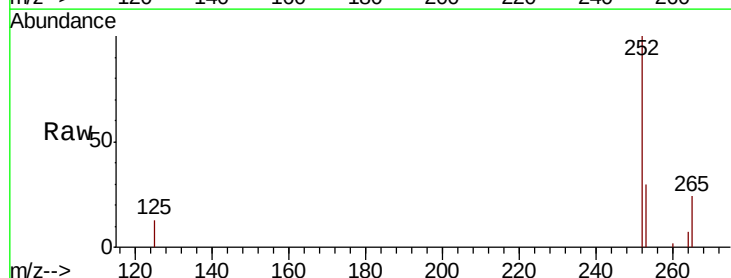
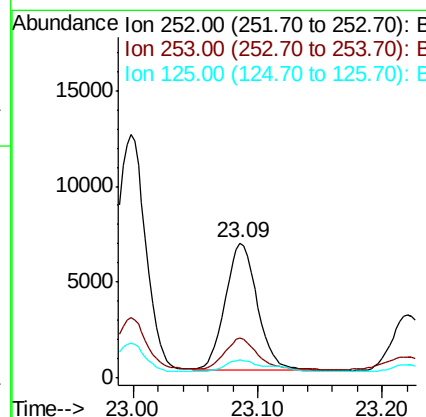
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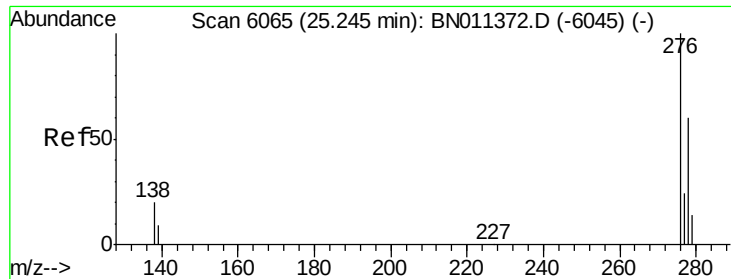
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#23
Benzo(a)pyrene
Concen: 0.569 ng/ul
RT: 23.09 min Scan# 5337
Delta R.T. -0.01 min
Lab File: BN011375.D
Acq: 06 Aug 2020 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.5	22.6	34.0
125	13.1	12.6	18.8





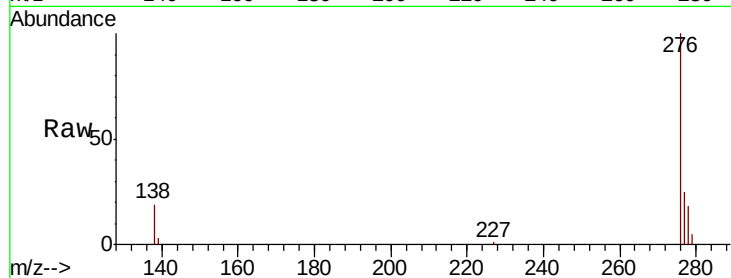
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.538 ng/ul
 RT: 25.24 min Scan# 6062
 Delta R.T. -0.01 min
 Lab File: BN011375.D
 Acq: 06 Aug 2020 12:39

Instrument :
 BNA_N
 ClientSampleId :
 C0AG7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	18.1	27.1#
227	0.4	0.2	0.4#

Manual Integrations
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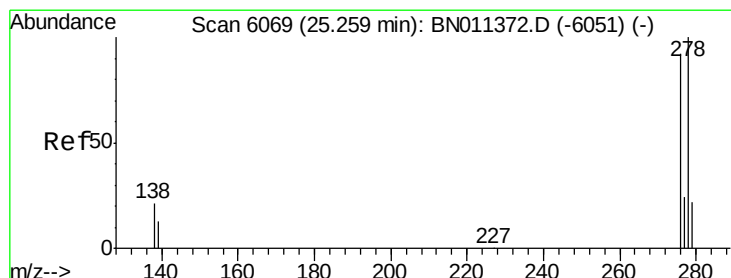
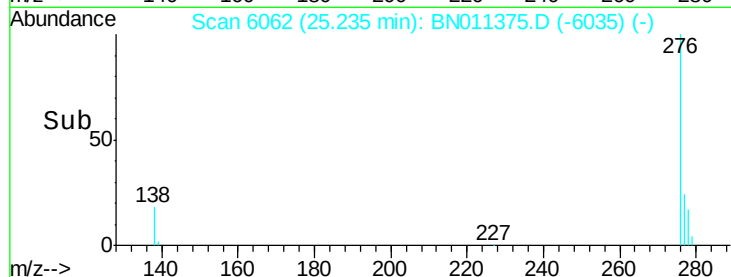
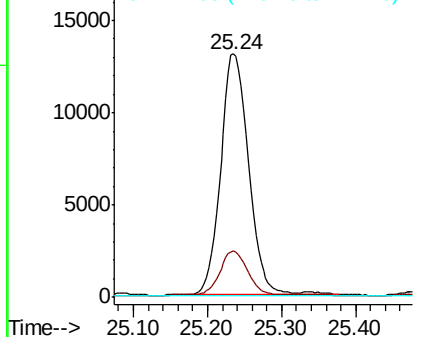


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.411 ng/ul
 RT: 25.24 min Scan# 6064
 Delta R.T. -0.02 min
 Lab File: BN011375.D
 Acq: 06 Aug 2020 12:39

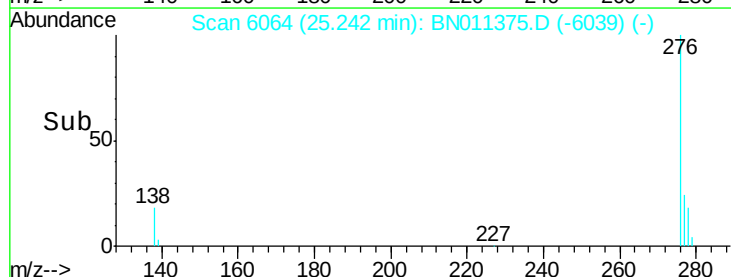
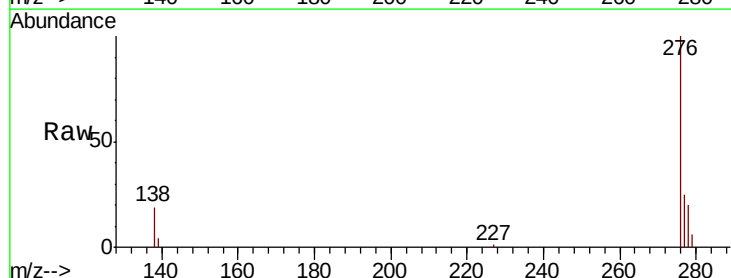
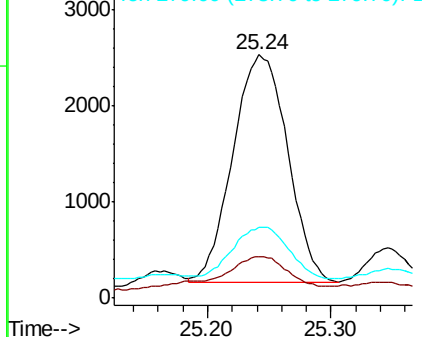
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.0	21.0
279	29.3	22.9	34.3

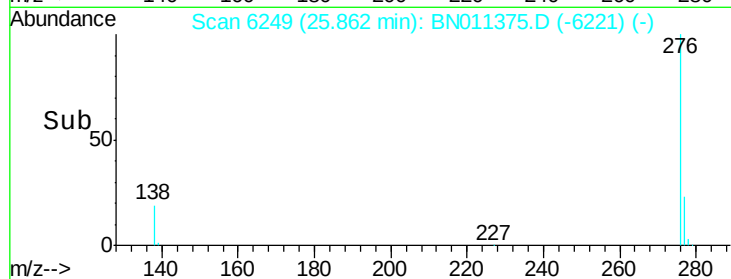
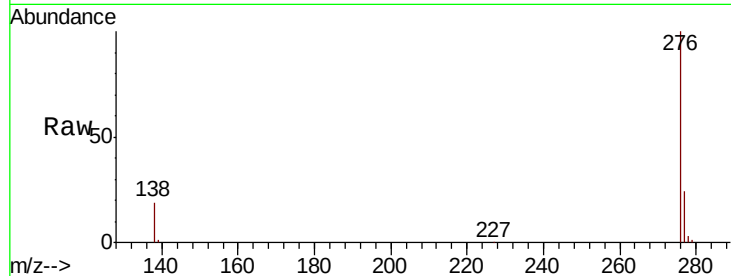
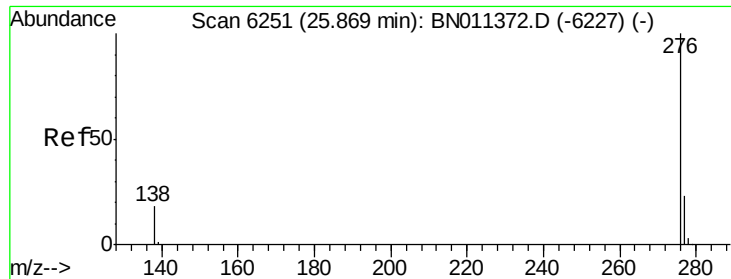
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 3.105 ng/ul

RT: 25.86 min Scan# 6249

Delta R.T. -0.01 min

Lab File: BN011375.D

Acq: 06 Aug 2020 12:39

Tot Ion:	276	Resp:	62447
Ion Ratio	Lower	Upper	
276	100		
138	19.1	16.4	24.6
277	23.8	20.2	30.4

Instrument :

BNA_N

ClientSampleId :

C0AG7DL

Manual Integrations
APPROVED

mohammad
8/7/2020 1:52:58 PM

