

Data File : BN012249.D
Acq On : 16 Oct 2020 02:26
Operator : CG/JU
Sample : L4235-15
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AQ0

Manual Integrations
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mohammad
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Quant Time: Oct 16 06:35:45 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 : Fri Oct 16 06:21:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1566	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6532	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3775	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7849	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	6929	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7076	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1313	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	2814	0.13	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	624	0.033	ng/ul#	77
5) 2-Methylnaphthalene	12.06	142	309	0.026	ng/ul	99
7) Acenaphthylene	13.98	152	2290	0.140	ng/ul	96
8) Acenaphthene	14.32	153	1591	0.115	ng/ul	97
9) Fluorene	15.31	166	2295	0.149	ng/ul	99
12) Phenanthrene	17.05	178	67211	2.686	ng/ul	98
13) Anthracene	17.14	178	11457	0.534	ng/ul	98
15) Fluoranthene	19.07	202	228054	7.795	ng/ul	99
17) Pyrene	19.44	202	173605	5.557	ng/ul	98
18) Benzo(a)anthracene	21.19	228	100029	3.897	ng/ul	99
19) Chrysene	21.24	228	118147	3.778	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	170359m	5.961	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	51244m	1.620	ng/ul	
23) Benzo(a)pyrene	23.30	252	93542	3.364	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.57	276	72560	2.031	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	19149	0.670	ng/ul	97
26) Benzo(g,h,i)perylene	26.24	276	58965	1.801	ng/ul	97

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

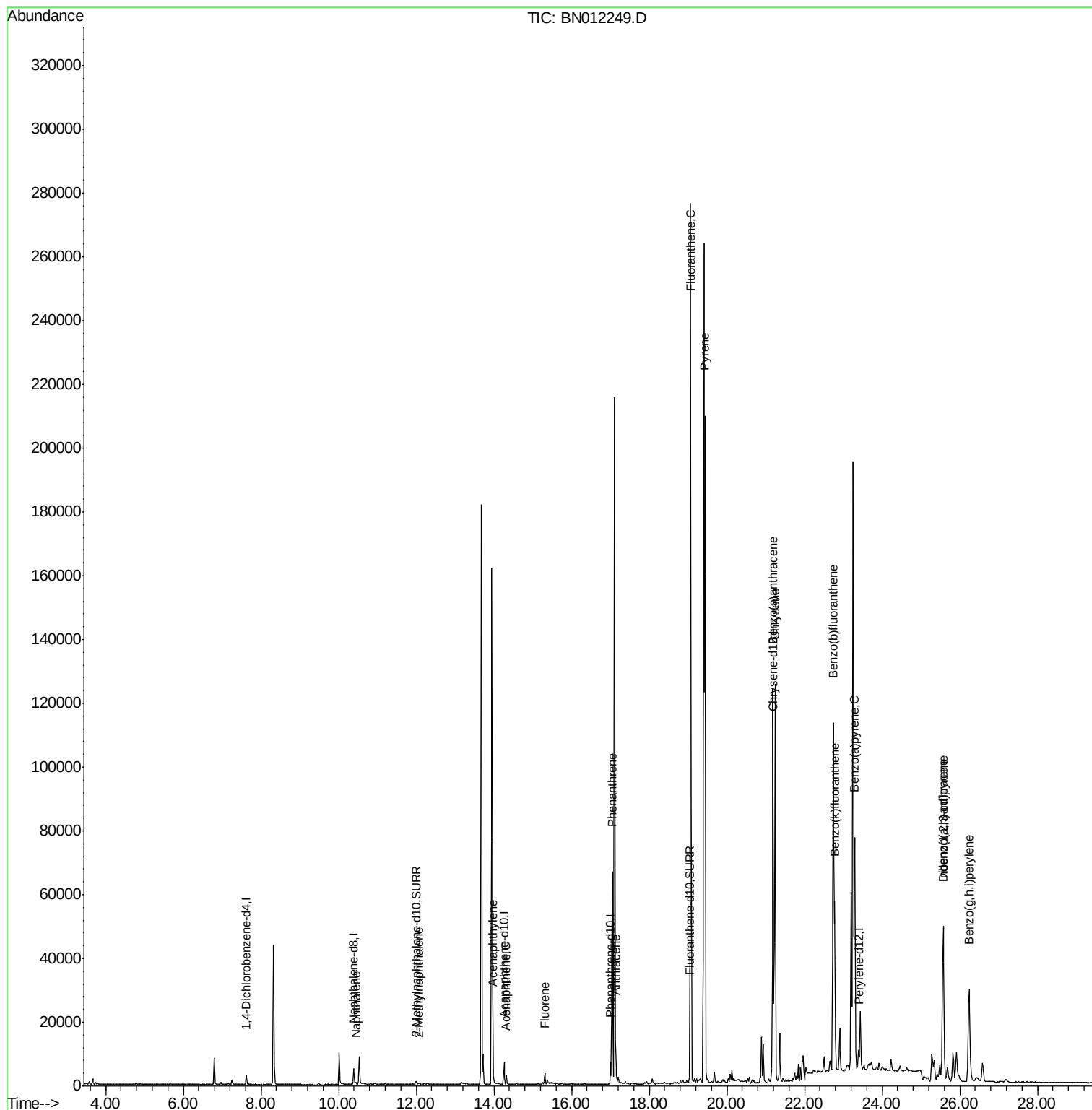
Data File : BN012249.D
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ALS Vial : 61 Sample Multiplier: 1

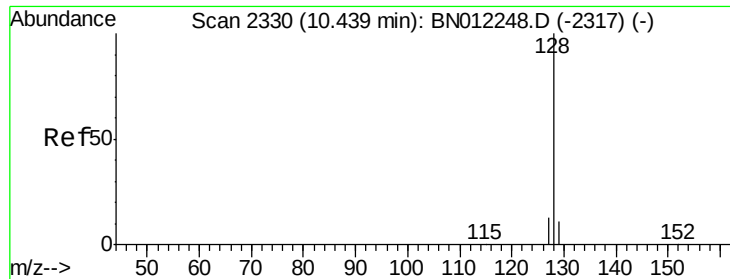
Instrument :
BNA_N
ClientSampleId :
C0AQ0

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Quant Time: Oct 16 06:35:45 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 : Fri Oct 16 06:21:01 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

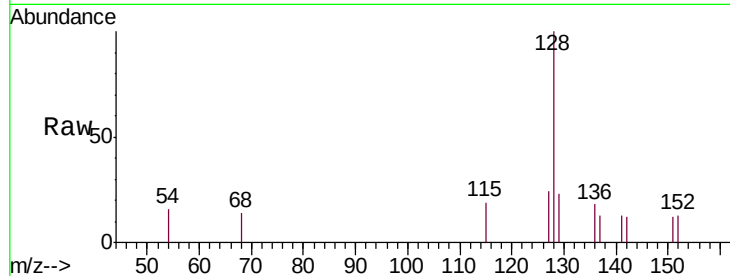
ClientSampleId :

C0AQ0

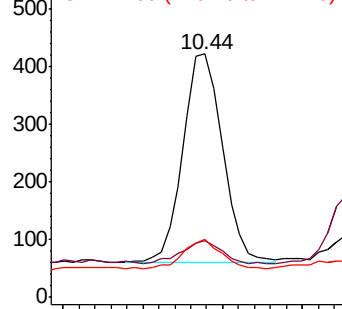
Tgt Ion:	128	Resp:	624
Ion Ratio	Lower	Upper	
128	100		
129	23.0	10.3	15.5#
127	23.7	11.9	17.9#

Manual Integrations
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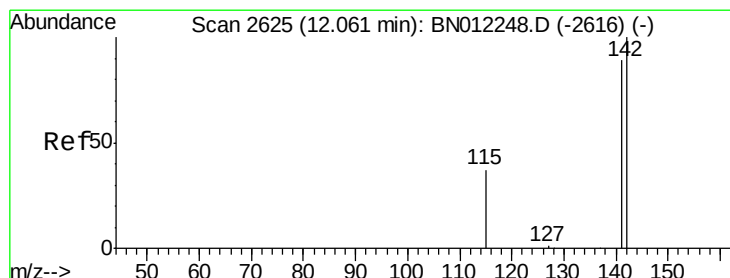
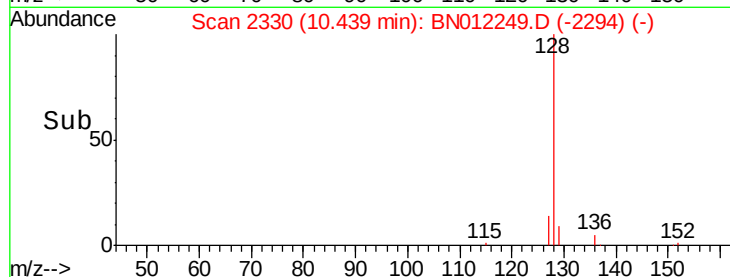
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

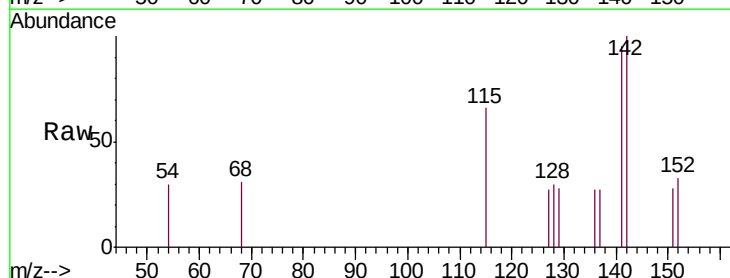
RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

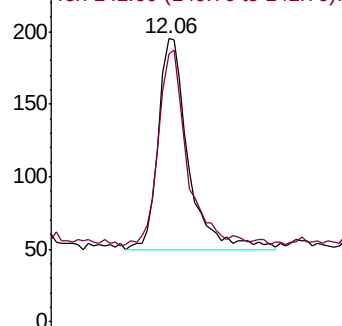
Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

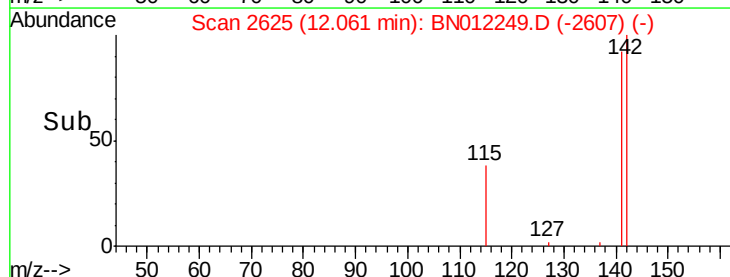
Tgt Ion:	142	Resp:	309
Ion Ratio	Lower	Upper	
142	100		
141	90.9	71.7	107.5

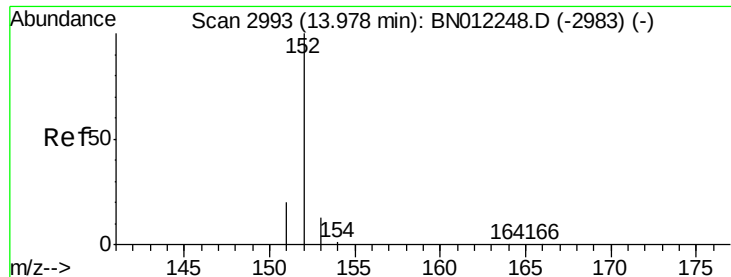


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.140 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

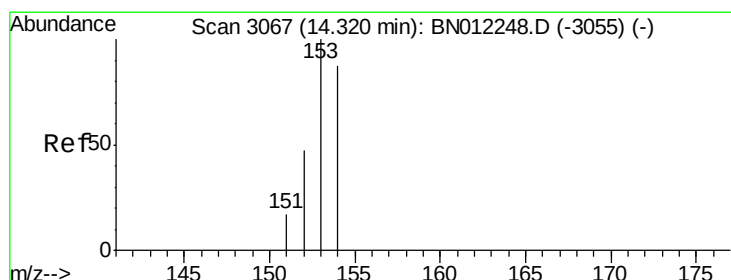
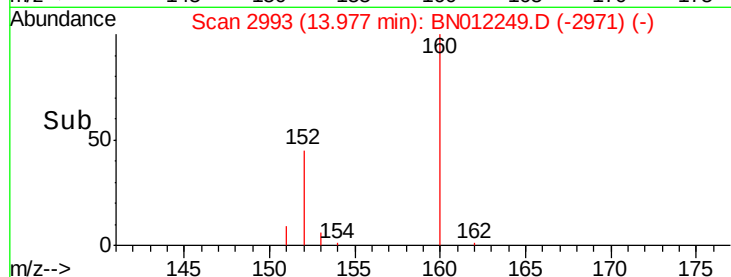
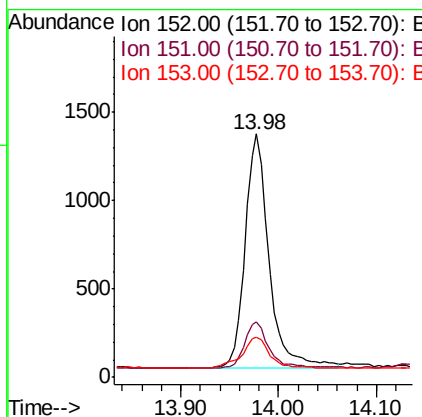
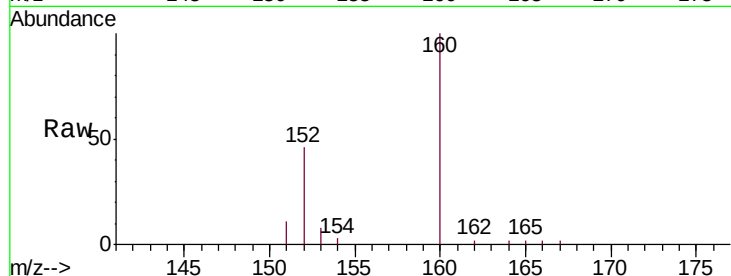
ClientSampleId :

C0AQ0

Tgt Ion:	152	Resp:	2290
Ion Ratio	Lower	Upper	
152	100		
151	22.8	16.7	25.1
153	16.6	11.8	17.8

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#8

Acenaphthene

Concen: 0.115 ng/ul

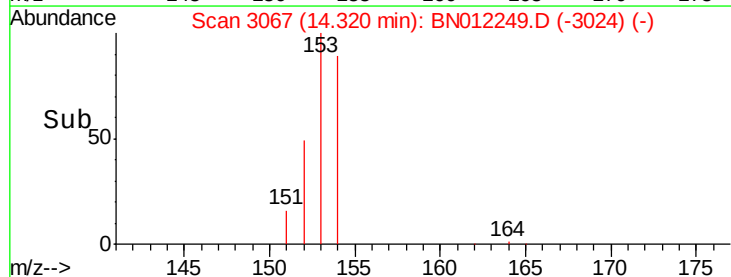
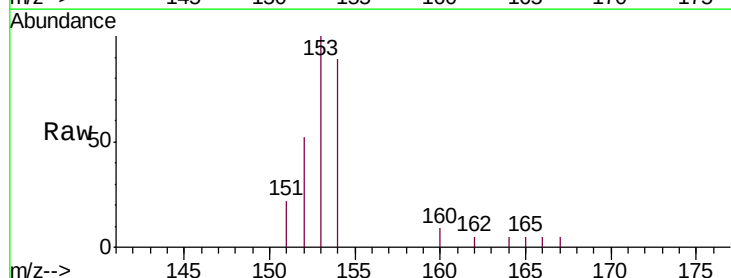
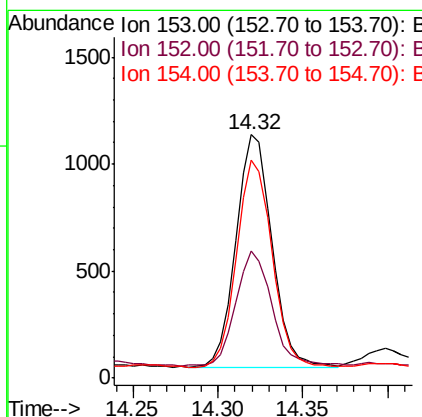
RT: 14.32 min Scan# 3067

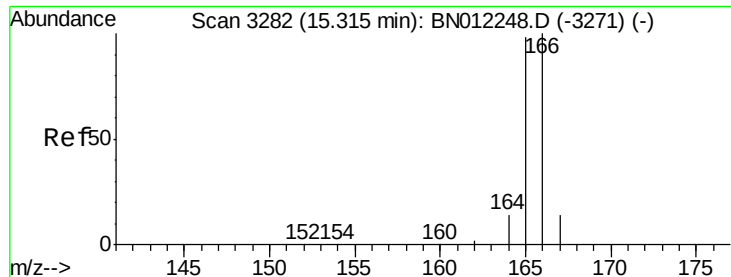
Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Tgt Ion:	153	Resp:	1591
Ion Ratio	Lower	Upper	
153	100		
152	52.3	38.2	57.2
154	89.5	71.1	106.7





#9

Fluorene

Concen: 0.149 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

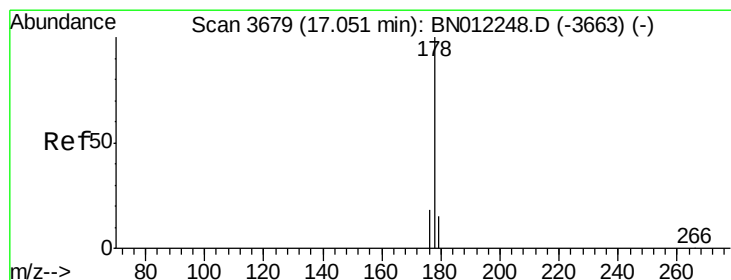
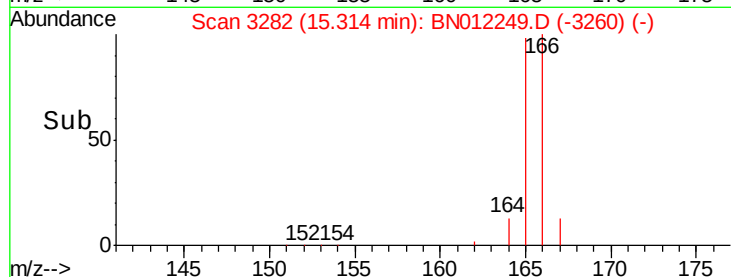
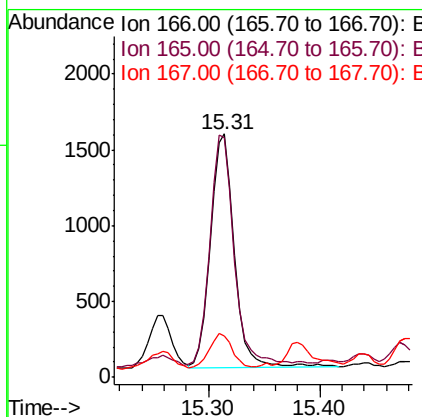
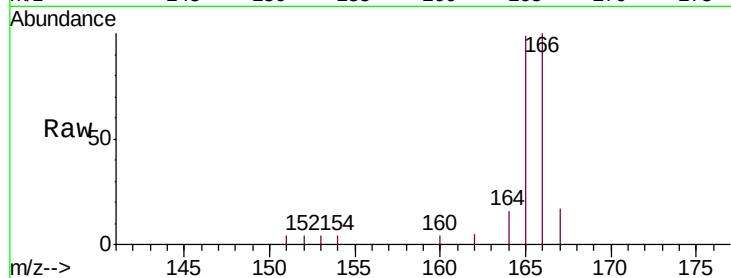
ClientSampleId :

C0AQ0

Tgt Ion:	166	Resp:	2295
Ion Ratio	Lower	Upper	
166	100		
165	98.6	78.6	118.0
167	16.9	11.9	17.9

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#12

Phenanthrene

Concen: 2.686 ng/ul

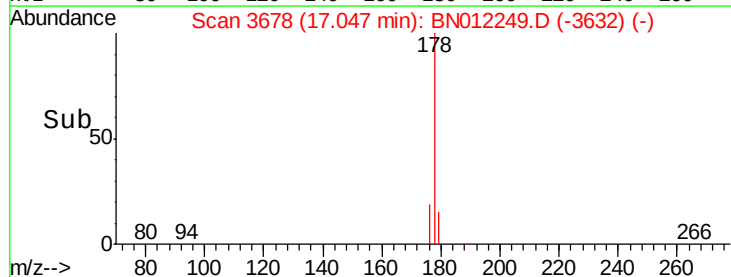
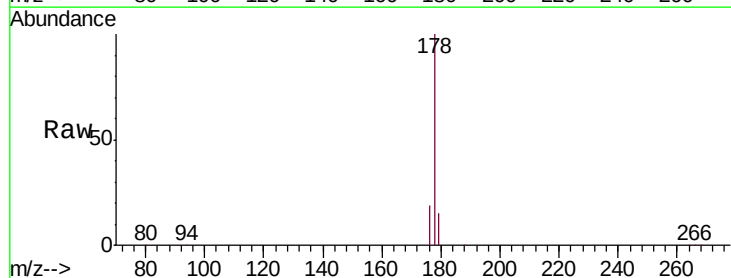
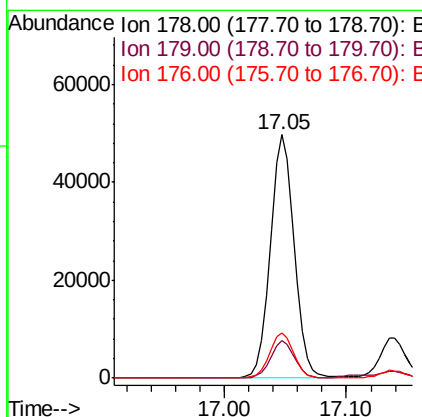
RT: 17.05 min Scan# 3678

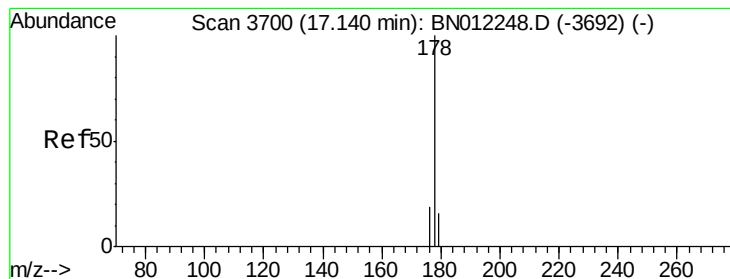
Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Tgt Ion:	178	Resp:	67211
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.4	20.2
176	18.8	15.7	23.5





#13

Anthracene

Concen: 0.534 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012249.D

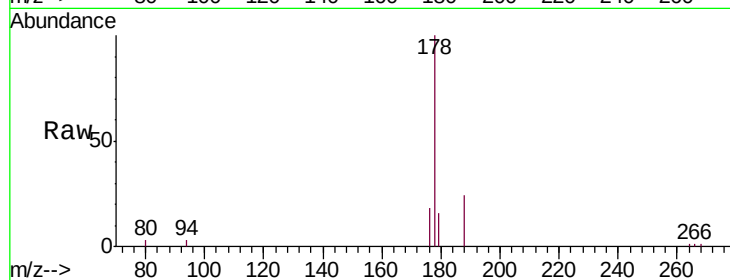
Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

ClientSampled :

C0AQ0



Tgt Ion:178 Resp: 11457

Ion Ratio Lower Upper

178 100

179 16.3 13.9 20.9

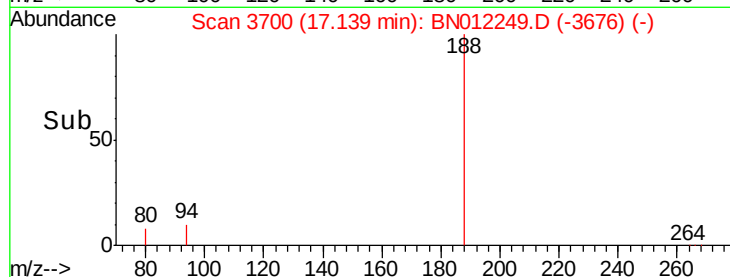
176 18.2 15.4 23.0

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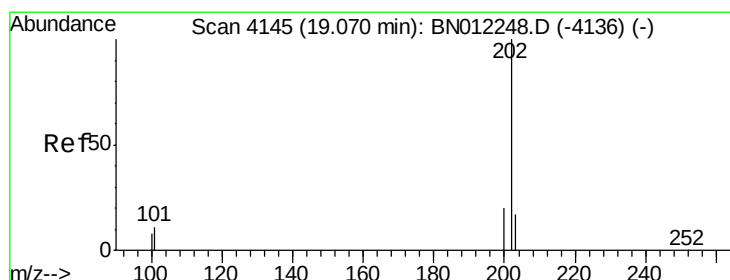
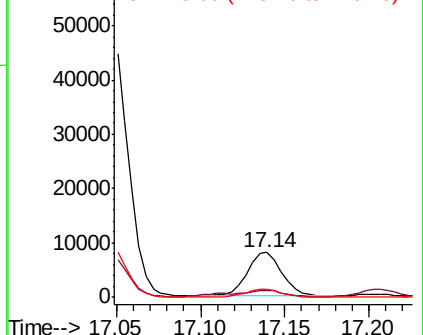
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 7.795 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

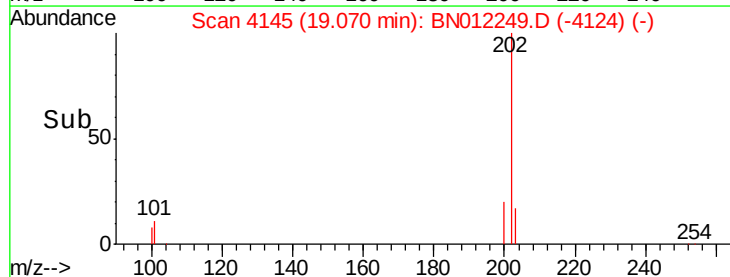
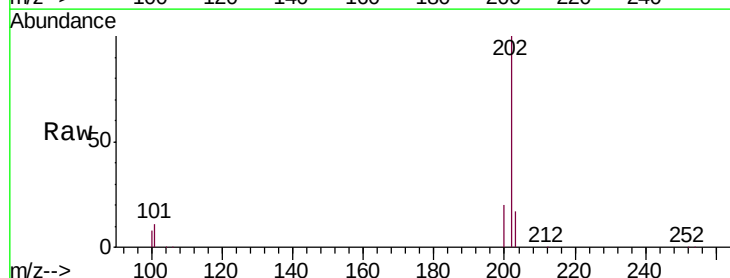
Tgt Ion:202 Resp: 228054

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.0

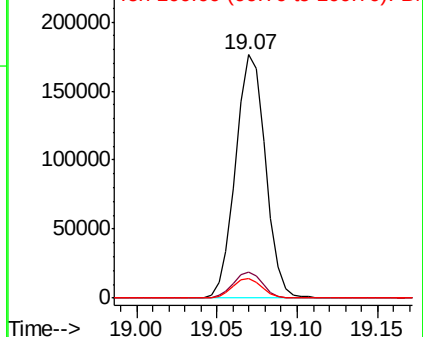
100 8.2 0.0 28.7

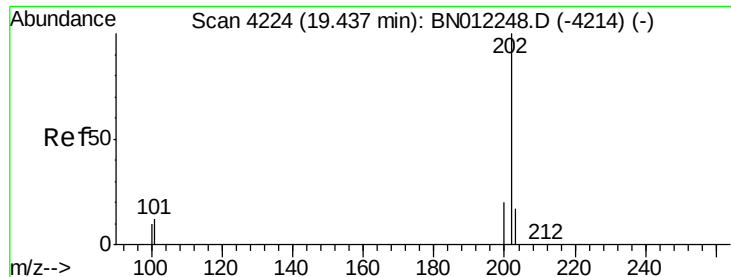


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





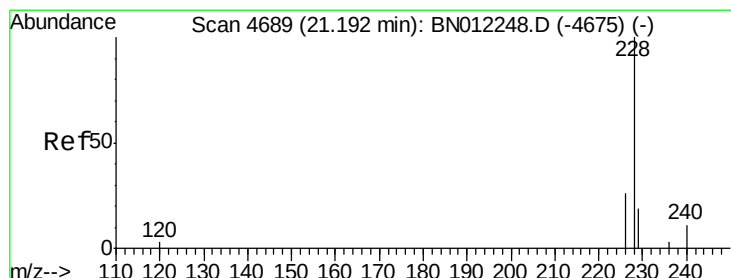
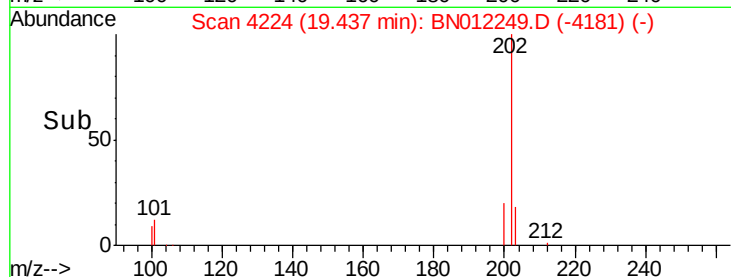
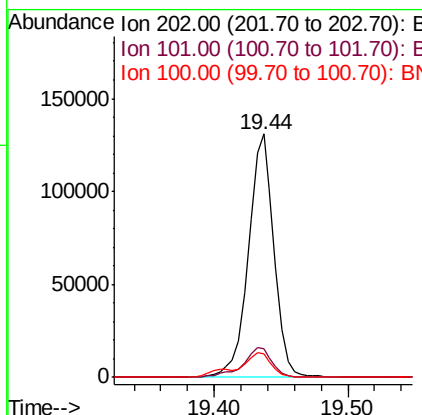
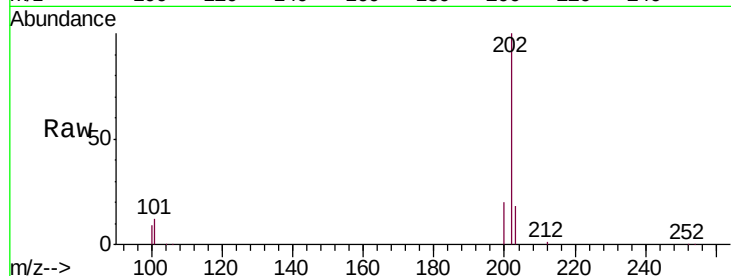
#17
Pyrene
Concen: 5.557 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012249.D
Acq: 16 Oct 2020 02:26

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	9.9	14.9
100	9.4	8.0	12.0

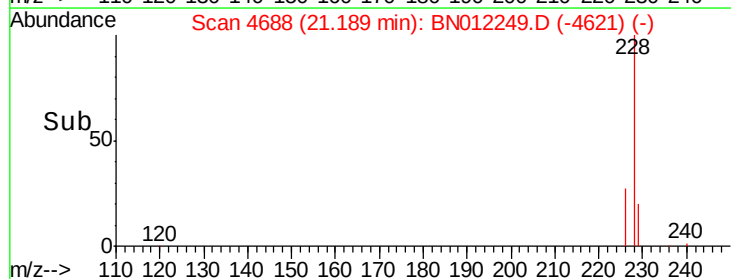
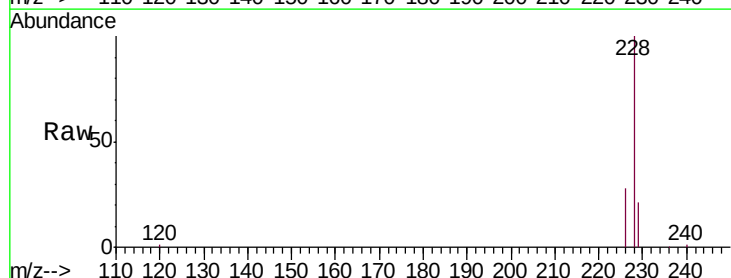
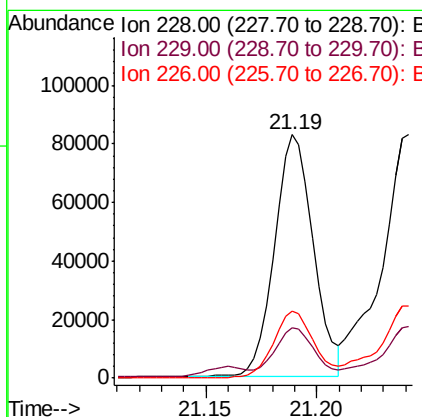
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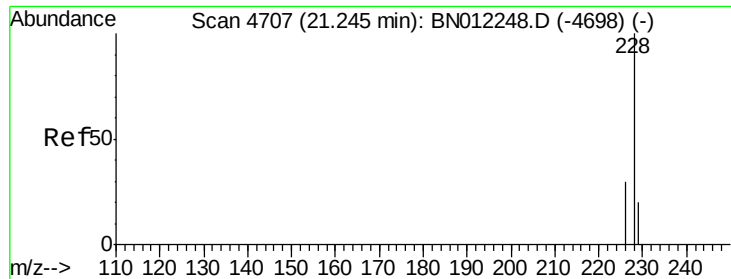
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#18
Benzo(a)anthracene
Concen: 3.897 ng/ul
RT: 21.19 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN012249.D
Acq: 16 Oct 2020 02:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.6	15.8	23.8
226	27.6	22.6	33.8





#19

Chrysene

Concen: 3.778 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

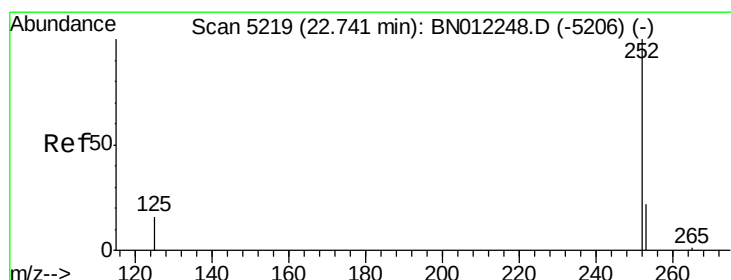
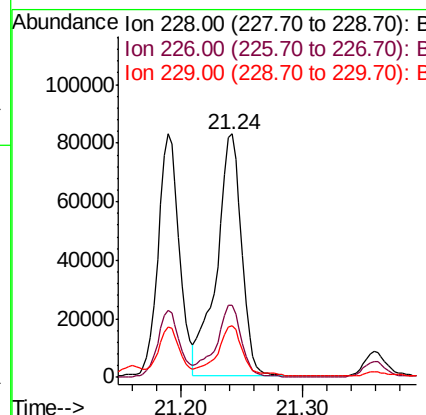
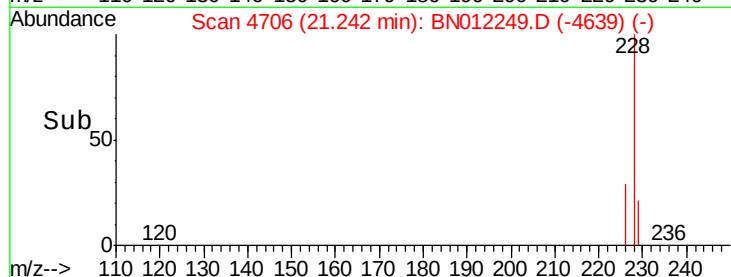
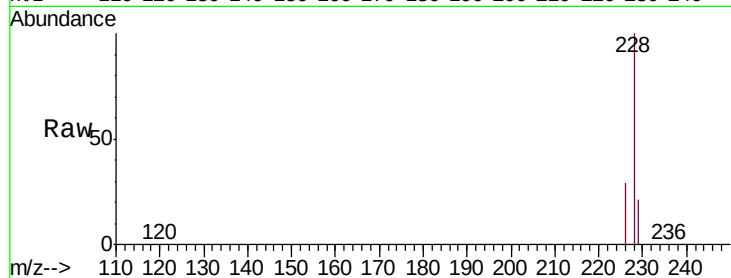
ClientSampleId :

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Tgt Ion:	228	Resp:	118147
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.6	37.0
229	21.4	17.0	25.6

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#21

Benzo(b)fluoranthene

Concen: 5.961 ng/ul m

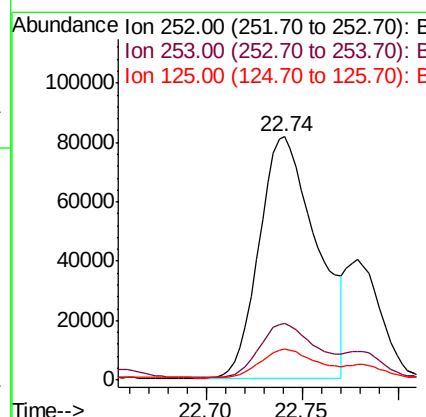
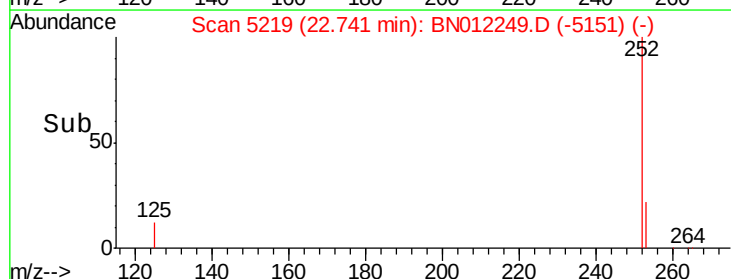
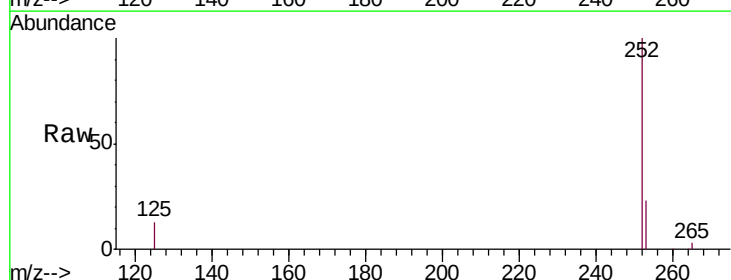
RT: 22.74 min Scan# 5219

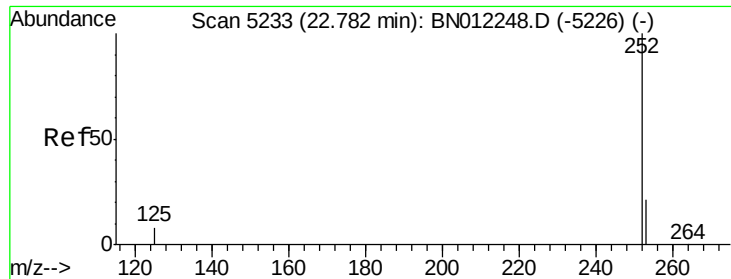
Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Tgt Ion:	252	Resp:	170359
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	61.6
125	12.6	0.0	36.8





#22

Benzo(k)fluoranthene

Concen: 1.620 ng/ul m

RT: 22.78 min Scan# 5232

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

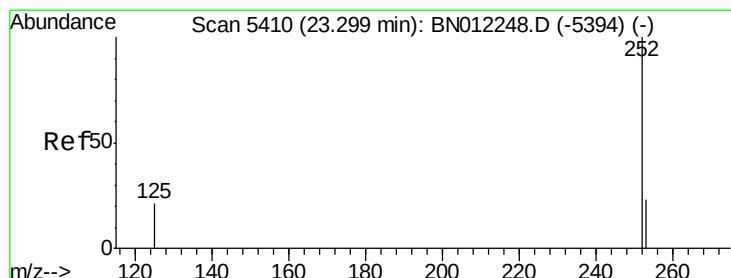
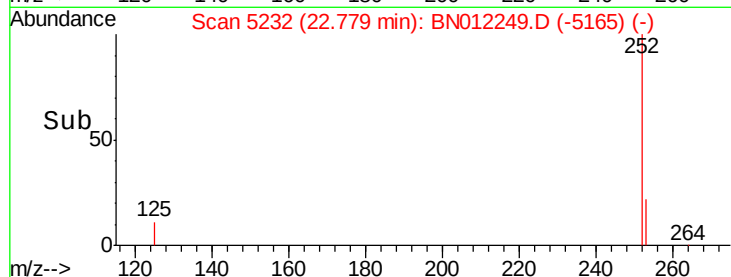
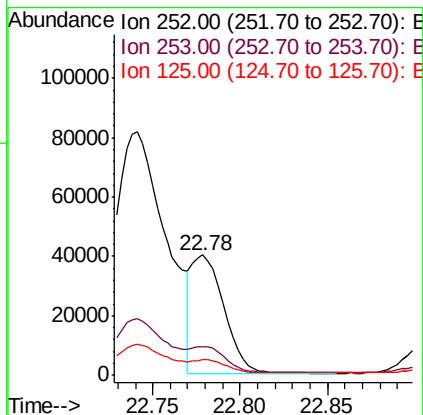
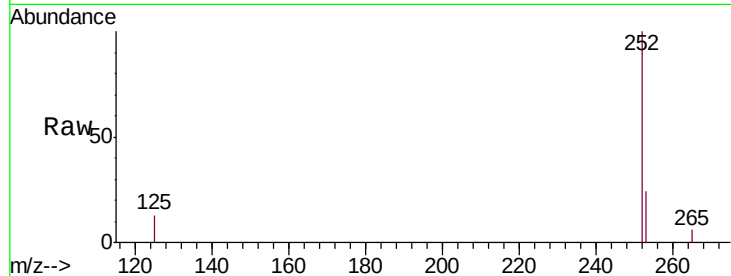
ClientSampleId :

C0AQ0

Tgt Ion:	252	Resp:	51244
Ion Ratio	Lower	Upper	
252	100		
253	24.0	24.4	36.6#
125	12.7	12.9	19.3#

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#23

Benzo(a)pyrene

Concen: 3.364 ng/ul

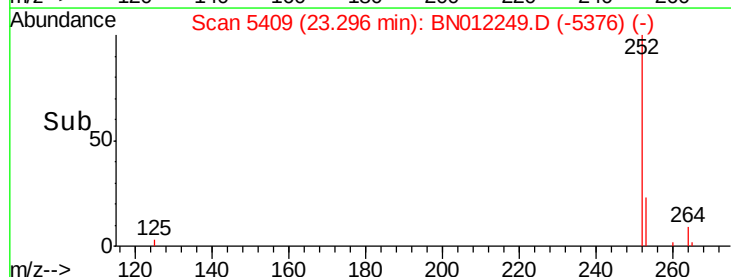
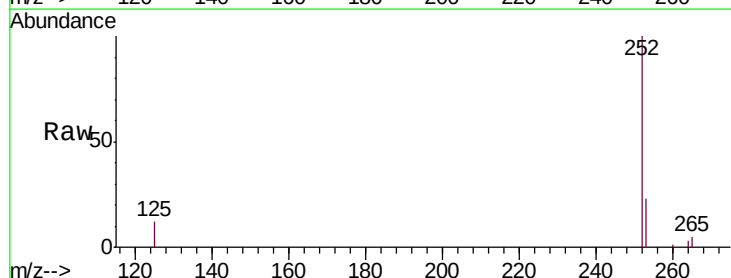
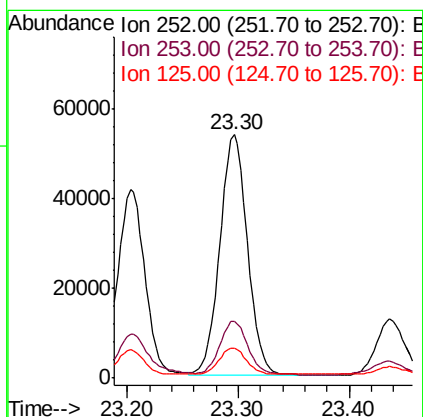
RT: 23.30 min Scan# 5409

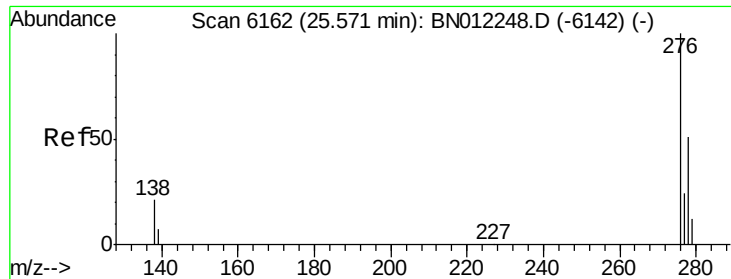
Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Tgt Ion:	252	Resp:	93542
Ion Ratio	Lower	Upper	
252	100		
253	23.2	27.0	40.4#
125	12.3	18.8	28.2#





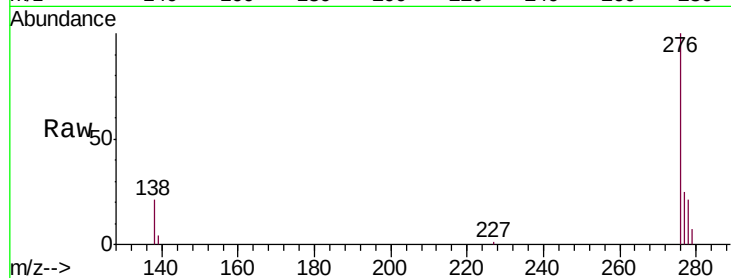
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.031 ng/ul
 RT: 25.57 min Scan# 6161
 Delta R.T. -0.00 min
 Lab File: BN012249.D
 Acq: 16 Oct 2020 02:26

Instrument :
 BNA_N
 ClientSampleId :
 C0AQ0

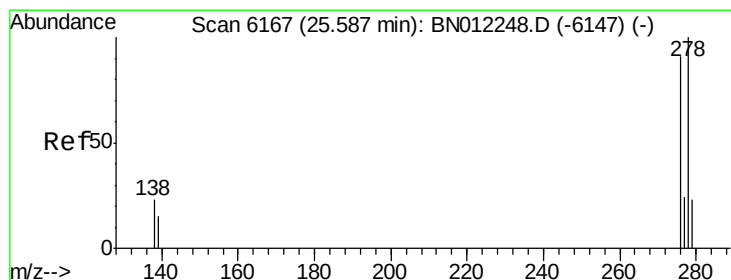
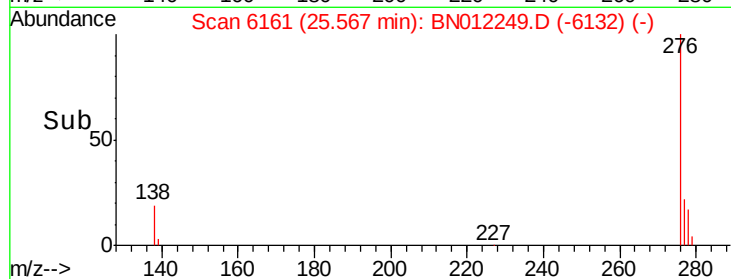
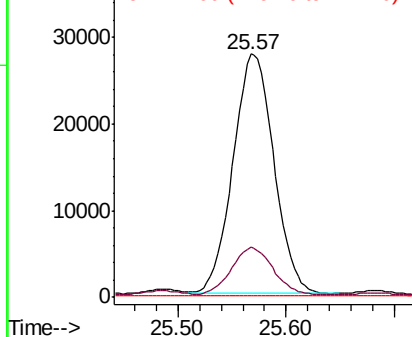
Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	19.8	0.0	0.0#
227	0.2	0.0	0.0#

Manual Integrations
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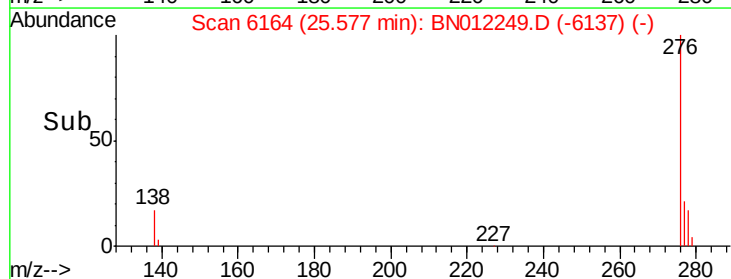
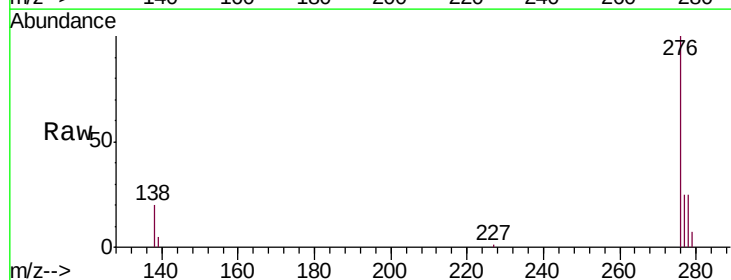
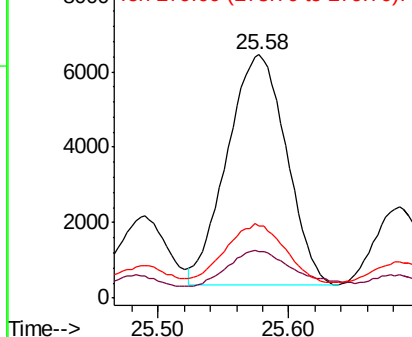
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

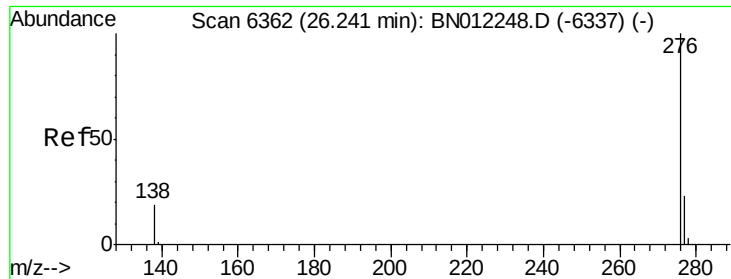


#25
 Dibenzo(a,h)anthracene
 Concen: 0.670 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.01 min
 Lab File: BN012249.D
 Acq: 16 Oct 2020 02:26

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.3	15.7	23.5
279	29.8	26.0	39.0

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(g,h,i)perylene
Concen: 1.801 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.00 min
Lab File: BN012249.D
Acq: 16 Oct 2020 02:26

Instrument :
BNA_N
ClientSampleId :
C0AQ0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	17.1	25.7
277	24.7	21.1	31.7

Manual Integrations
APPROVED

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