

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012269.D
 Acq On : 16 Oct 2020 16:26
 Operator : CG/JU
 Sample : L4201-13
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AP3

Manual Integrations
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Quant Time: Oct 16 16:56:30 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 10:51:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1463	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	6018	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3676	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7634	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6624	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6496	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1692	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3954	0.19	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.43	128	18772	1.081	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	8480	0.769	ng/ul	100
7) Acenaphthylene	13.97	152	19272	1.209	ng/ul	99
8) Acenaphthene	14.32	153	105808	7.850	ng/ul	99
9) Fluorene	15.31	166	40736	2.715	ng/ul	99
11) Pentachlorophenol	16.66	266	1093	0.495	ng/ul	96
12) Phenanthrene	17.05	178	1489409	61.205	ng/ul	97
13) Anthracene	17.14	178	95579	4.579	ng/ul	97
15) Fluoranthene	19.07	202	2141246	75.250	ng/ul	99
17) Pyrene	19.44	202	3275590	109.680	ng/ul	97
18) Benzo(a)anthracene	21.20	228	485262	19.778	ng/ul	98
19) Chrysene	21.24	228	583654	19.525	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	769559m	29.330	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	221764m	7.636	ng/ul	
23) Benzo(a)pyrene	23.31	252	603482	23.643	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.58	276	505037	15.401	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	75574	2.881	ng/ul#	91
26) Benzo(g,h,i)perylene	26.25	276	775104	25.789	ng/ul	97

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

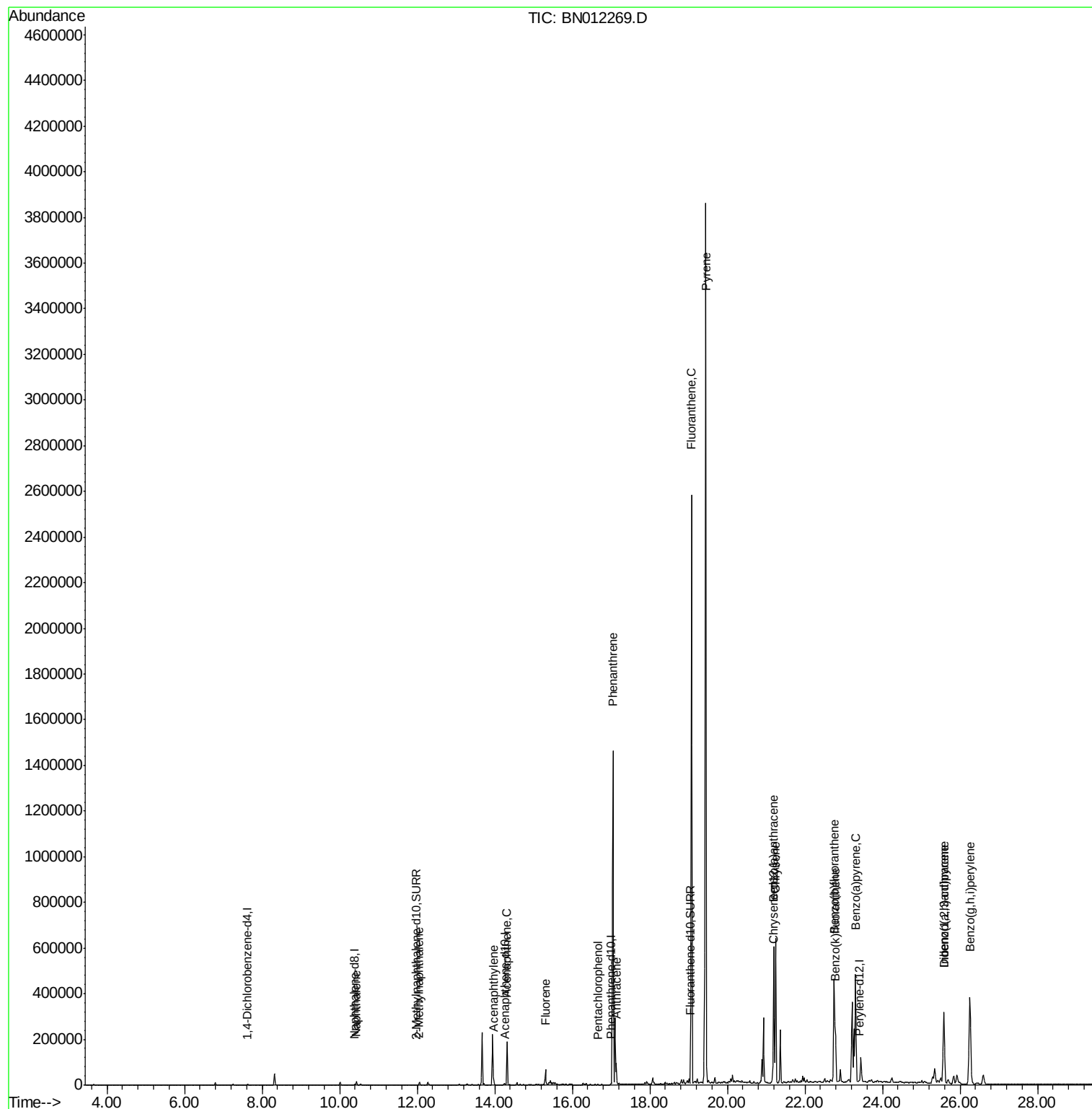
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
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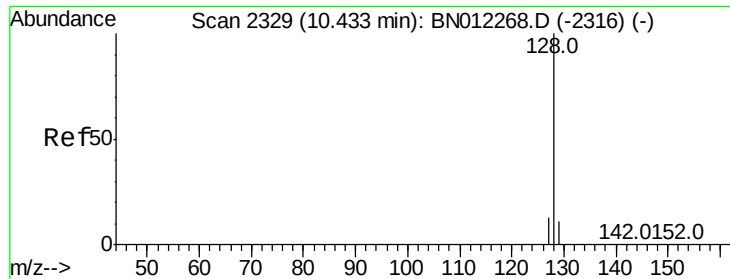
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
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#3

Naphthalene

Concen: 1.081 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN012269.D

Acq: 16 Oct 2020 16:26

Instrument :

BNA_N

ClientSampleId :

C0AP3

Tot Ion:128 Resp: 18772

Ion Ratio Lower Upper

128 100

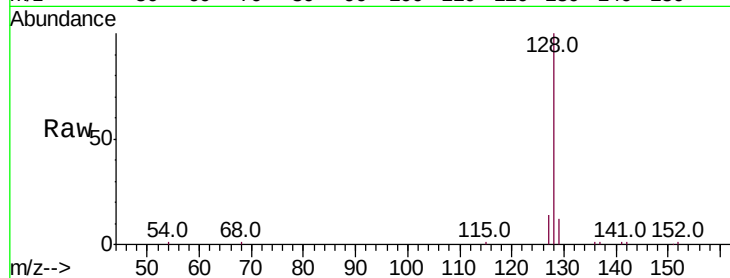
129 11.7 10.3 15.5

127 13.7 11.9 17.9

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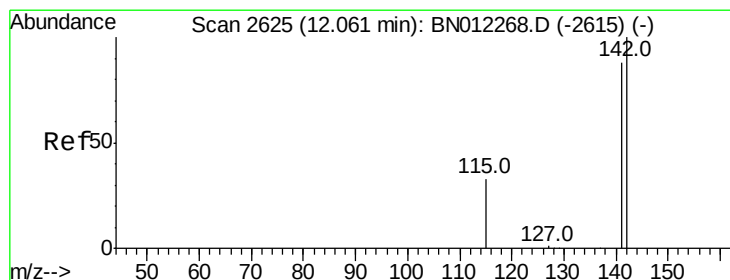
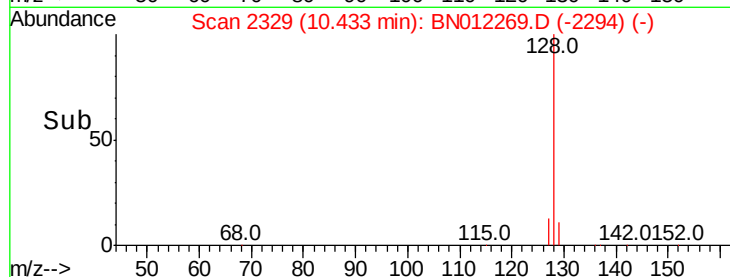
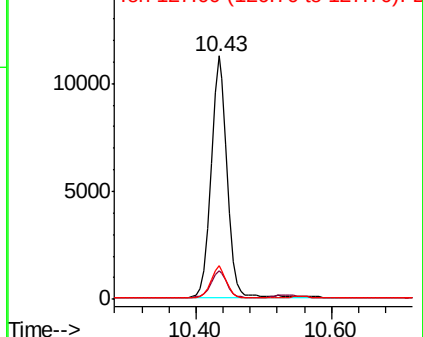
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.769 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN012269.D

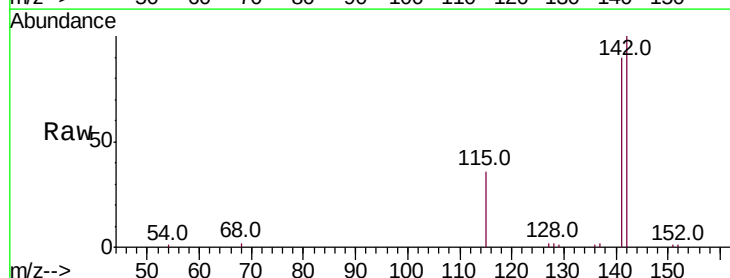
Acq: 16 Oct 2020 16:26

Tgt Ion:142 Resp: 8480

Ion Ratio Lower Upper

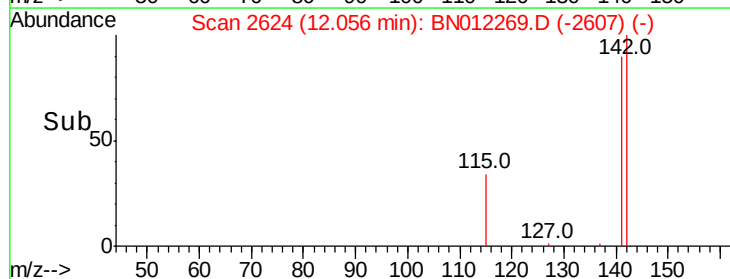
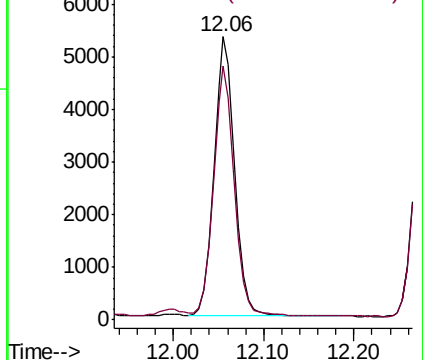
142 100

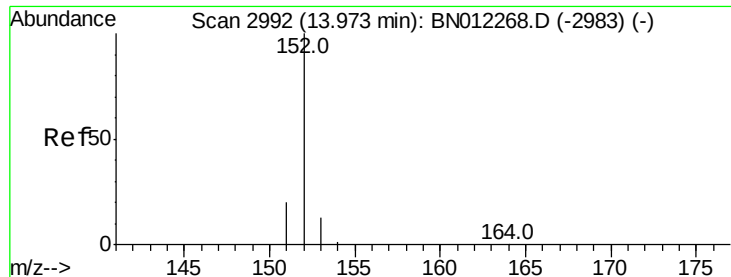
141 89.8 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.209 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BN012269.D

Acq: 16 Oct 2020 16:26

Instrument :

BNA_N

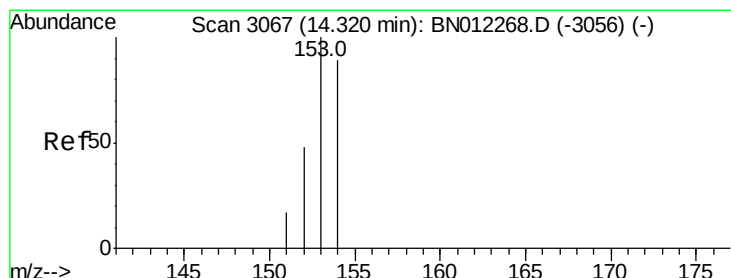
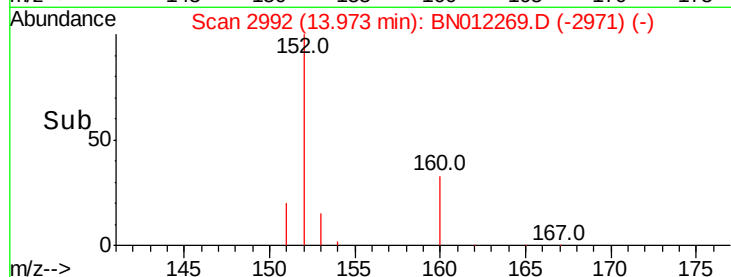
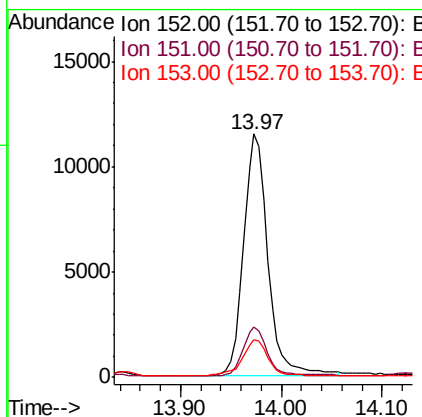
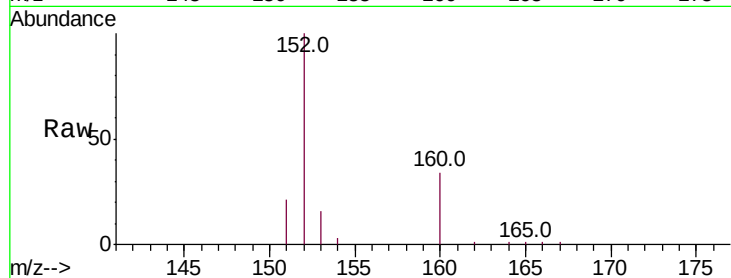
ClientSampleId :

C0AP3

Tot Ion:	152	Resp:	19272
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.7	25.1
153	15.6	11.8	17.8

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#8

Acenaphthene

Concen: 7.850 ng/ul

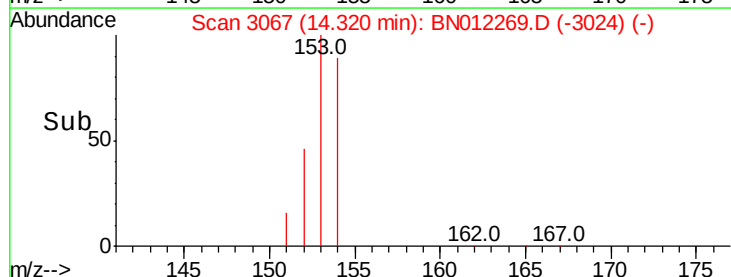
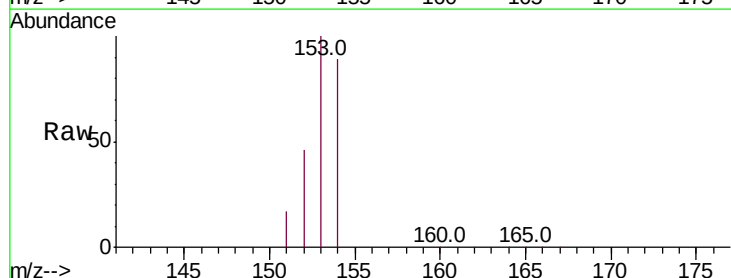
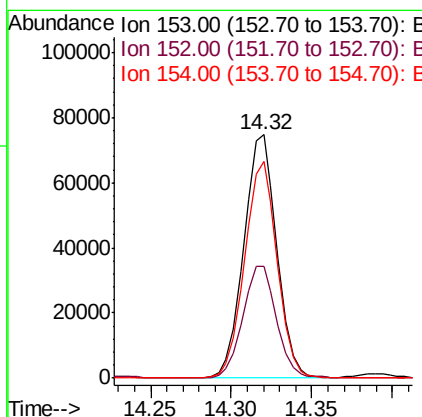
RT: 14.32 min Scan# 3067

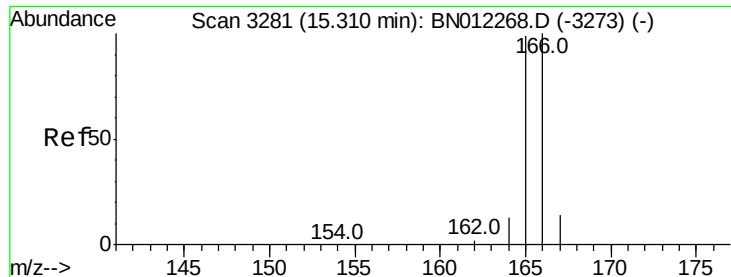
Delta R.T. -0.00 min

Lab File: BN012269.D

Acq: 16 Oct 2020 16:26

Tgt Ion:	153	Resp:	105808
Ion Ratio	Lower	Upper	
153	100		
152	45.7	38.2	57.2
154	88.9	71.1	106.7





#9

Fluorene

Concen: 2.715 ng/ul

RT: 15.31 min Scan# 3281

Delta R.T. -0.00 min

Lab File: BN012269.D

Acq: 16 Oct 2020 16:26

Instrument :

BNA_N

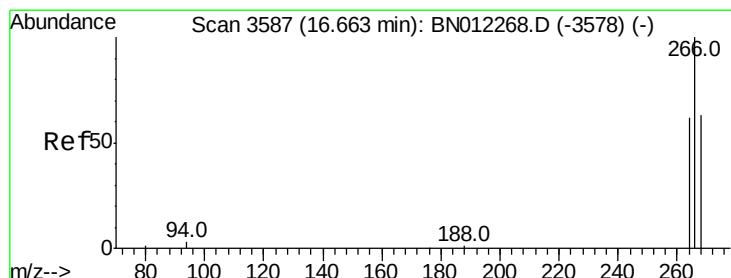
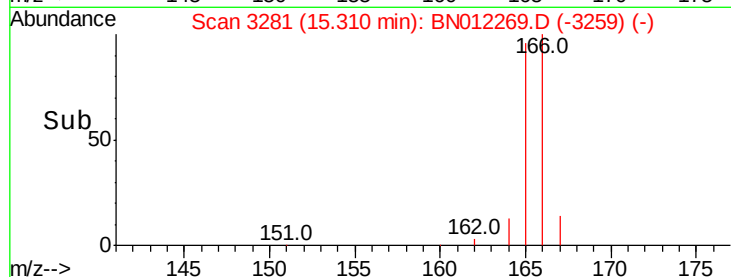
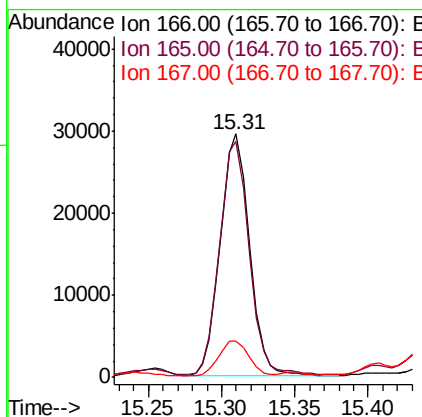
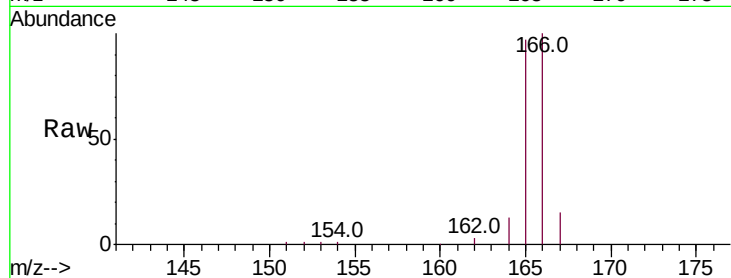
ClientSampleId :

C0AP3

Tot Ion:	166	Resp:	40736
Ion Ratio	Lower	Upper	
166	100		
165	96.9	78.6	118.0
167	15.1	11.9	17.9

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#11

Pentachlorophenol

Concen: 0.495 ng/ul

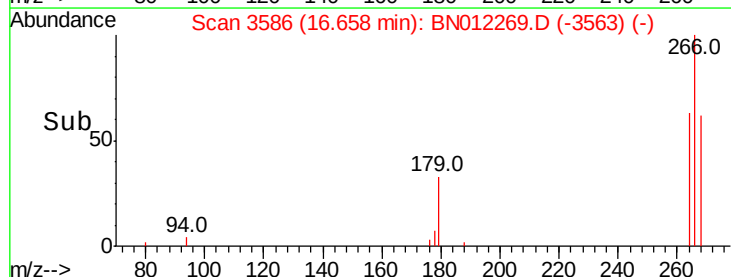
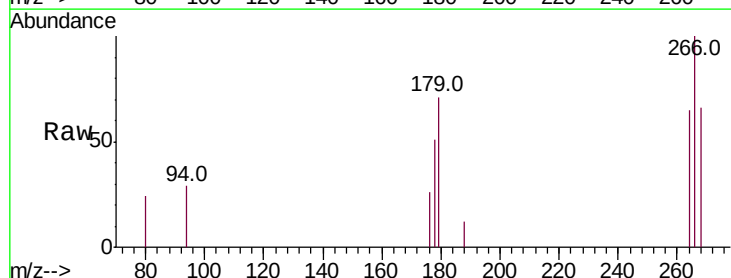
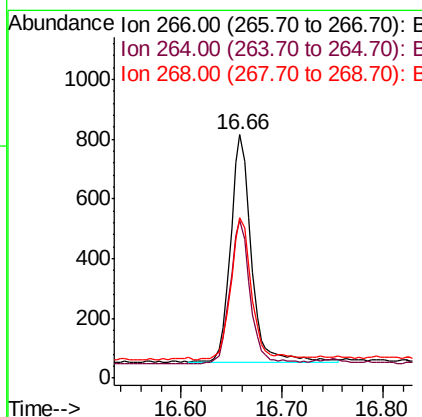
RT: 16.66 min Scan# 3586

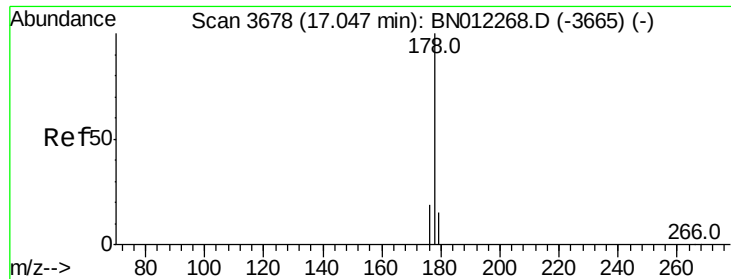
Delta R.T. -0.00 min

Lab File: BN012269.D

Acq: 16 Oct 2020 16:26

Tgt Ion:	266	Resp:	1093
Ion Ratio	Lower	Upper	
266	100		
264	60.9	50.3	75.5
268	61.5	52.4	78.6





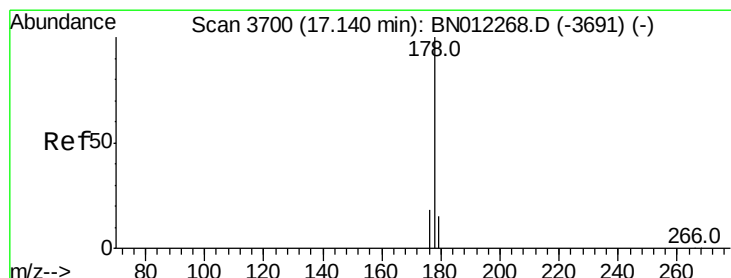
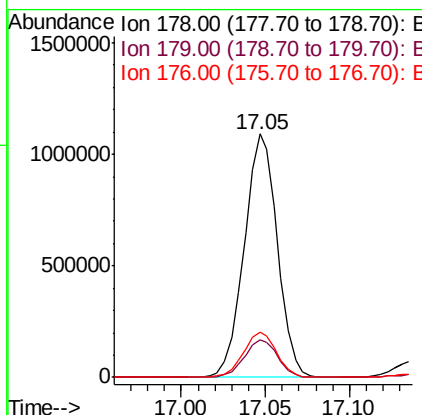
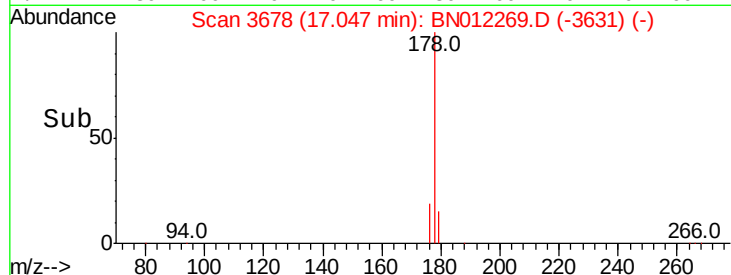
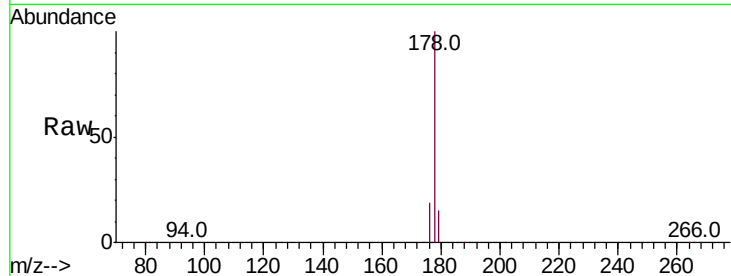
#12
Phenanthrene
Concen: 61.205 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN012269.D
Acq: 16 Oct 2020 16:26

Instrument :
BNA_N
ClientSampled :
C0AP3

Tot Ion:178 Resp: 1489409
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 18.6 15.7 23.5

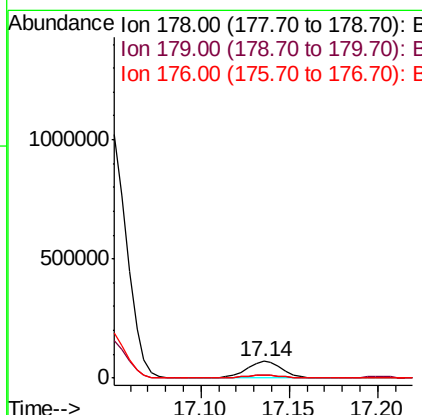
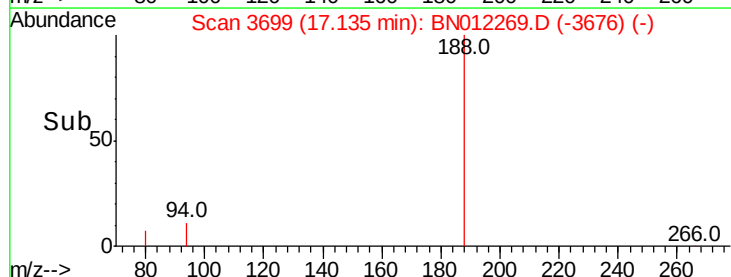
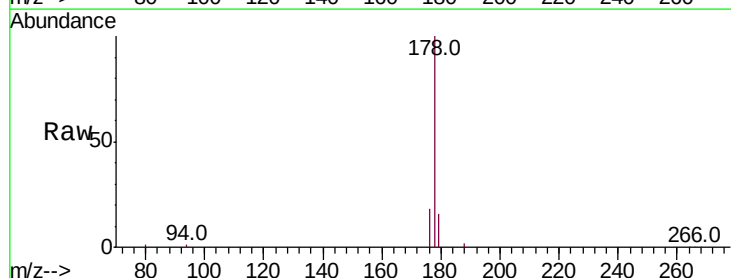
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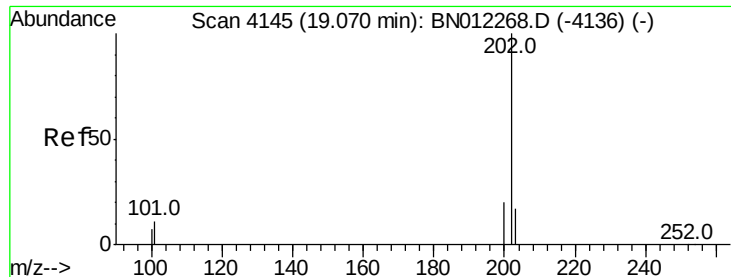
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#13
Anthracene
Concen: 4.579 ng/ul
RT: 17.14 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BN012269.D
Acq: 16 Oct 2020 16:26

Tgt Ion:178 Resp: 95579
Ion Ratio Lower Upper
178 100
179 15.8 13.9 20.9
176 18.2 15.4 23.0





#15

Fluoranthene

Concen: 75.250 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN012269.D

Acq: 16 Oct 2020 16:26

Instrument :

BNA_N

ClientSampleId :

C0AP3

Tot Ion:202 Resp: 2141246

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.0

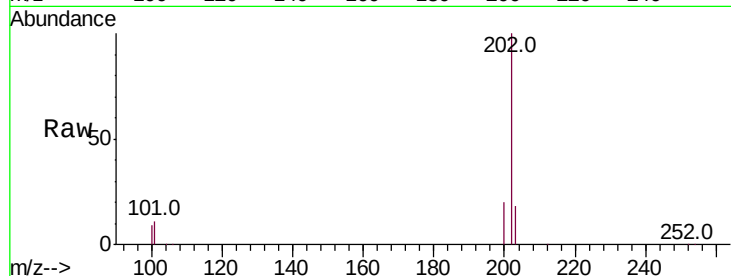
100 8.5 0.0 28.7

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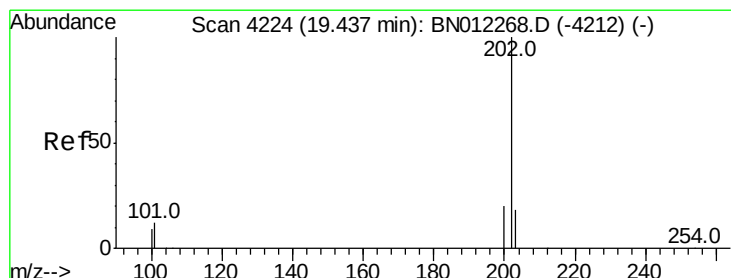
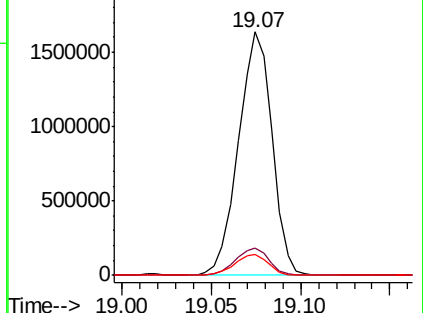
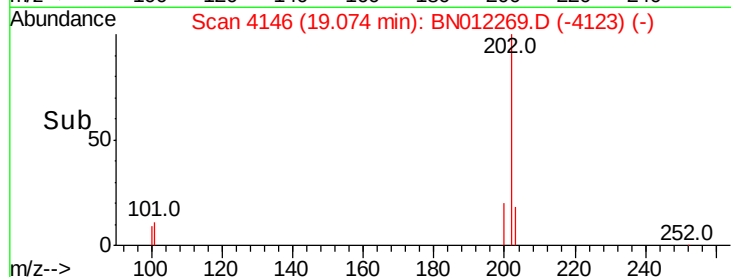
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 109.680 ng/ul

RT: 19.44 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN012269.D

Acq: 16 Oct 2020 16:26

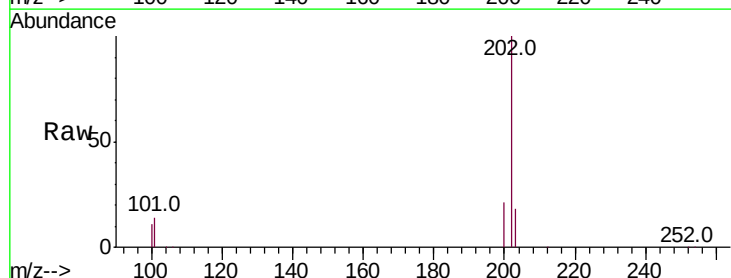
Tgt Ion:202 Resp: 3275590

Ion Ratio Lower Upper

202 100

101 13.7 9.9 14.9

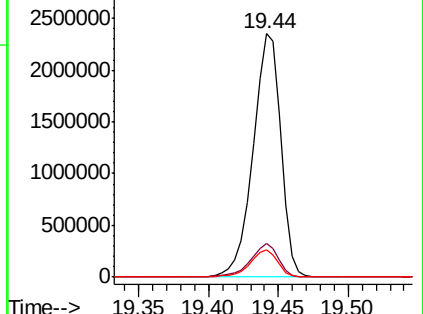
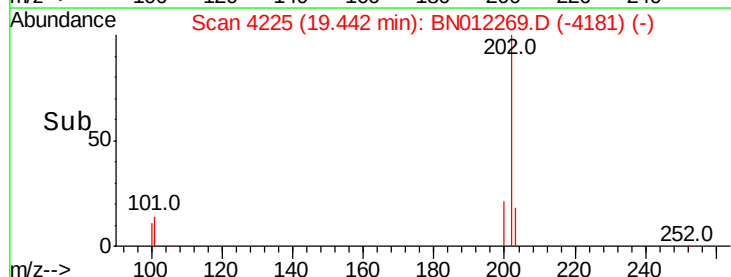
100 11.3 8.0 12.0

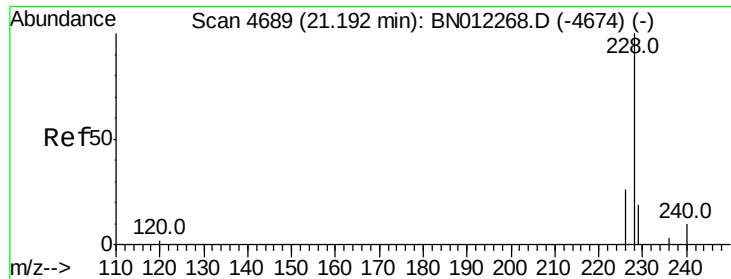


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





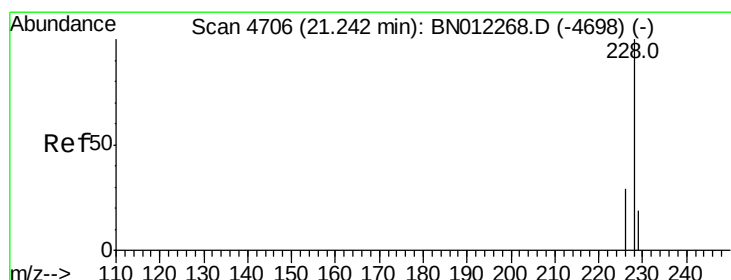
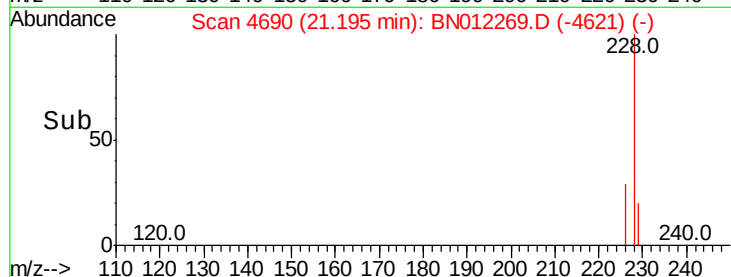
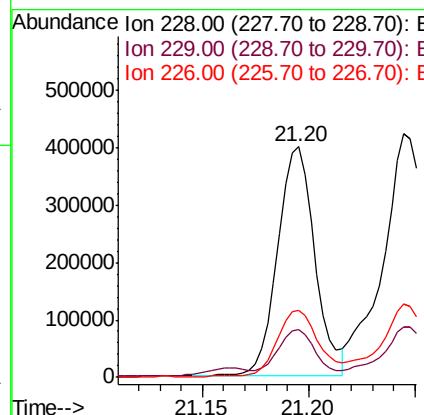
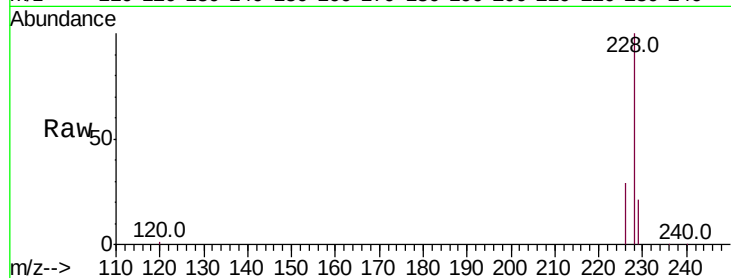
#18
Benzo(a)anthracene
Concen: 19.778 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. 0.00 min
Lab File: BN012269.D
Acq: 16 Oct 2020 16:26

Instrument :
BNA_N
ClientSampleId :
C0AP3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	29.2	22.6	33.8

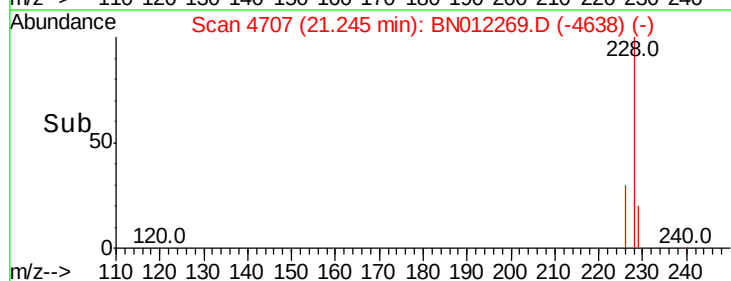
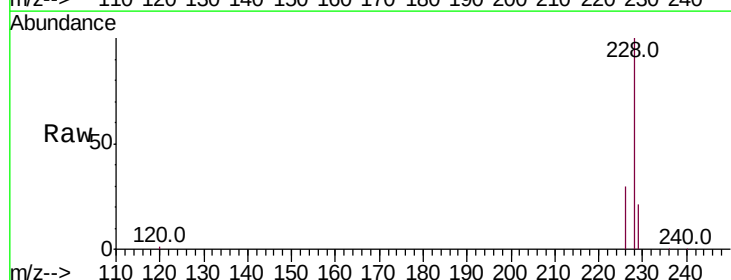
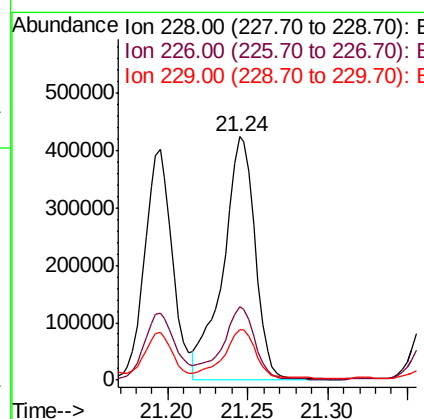
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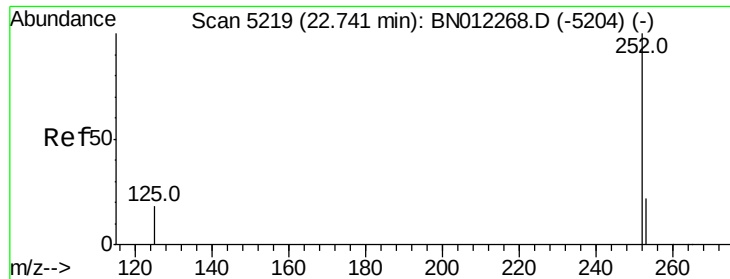
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#19
Chrysene
Concen: 19.525 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN012269.D
Acq: 16 Oct 2020 16:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	20.8	17.0	25.6





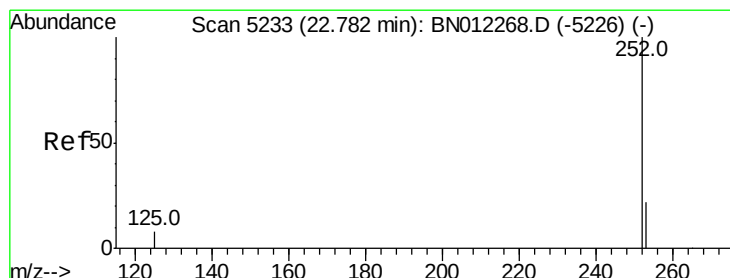
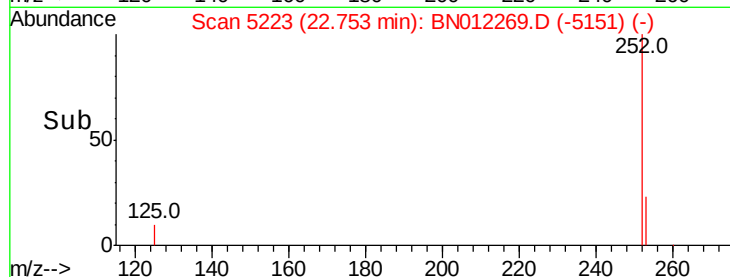
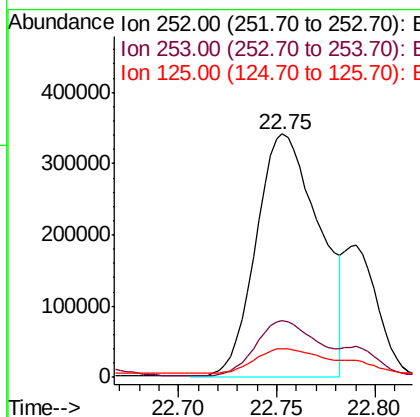
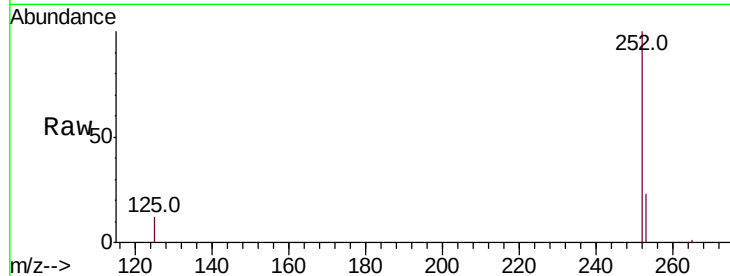
#21
Benzo(b)fluoranthene
Concen: 29.330 ng/ul m
RT: 22.75 min Scan# 5223
Delta R.T. 0.01 min
Lab File: BN012269.D
Acq: 16 Oct 2020 16:26

Instrument :
BNA_N
ClientSampled :
C0AP3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	0.0	61.6
125	11.8	0.0	36.8

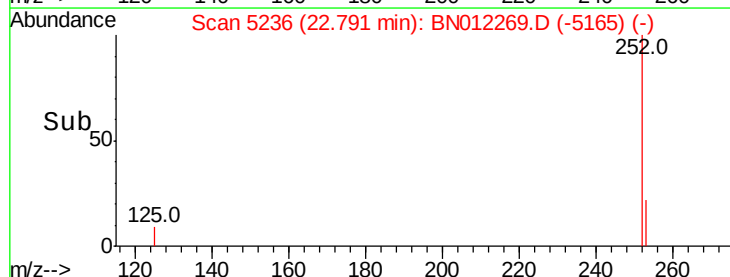
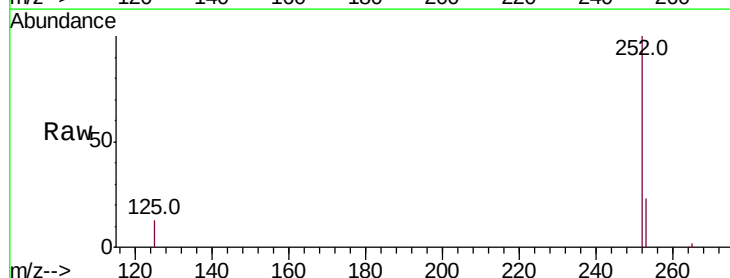
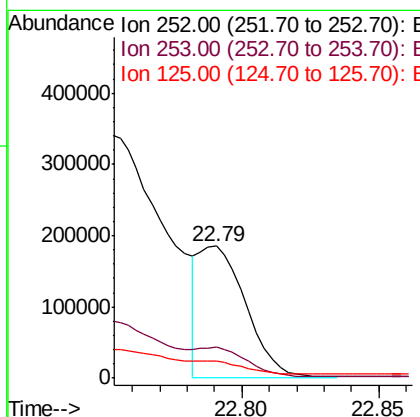
Manual Integrations
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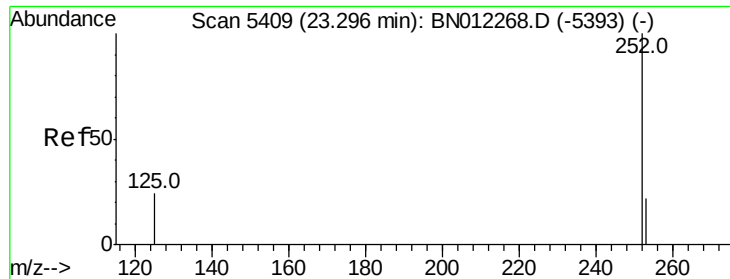
mohammad
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#22
Benzo(k)fluoranthene
Concen: 7.636 ng/ul m
RT: 22.79 min Scan# 5236
Delta R.T. 0.01 min
Lab File: BN012269.D
Acq: 16 Oct 2020 16:26

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	24.4	36.6#
125	12.5	12.9	19.3#





#23

Benzo(a)pyrene

Concen: 23.643 ng/ul

RT: 23.31 min Scan# 5413

Delta R.T. 0.01 min

Lab File: BN012269.D

Acq: 16 Oct 2020 16:26

Instrument :

BNA_N

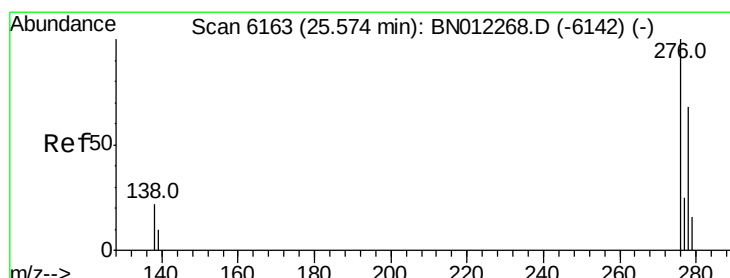
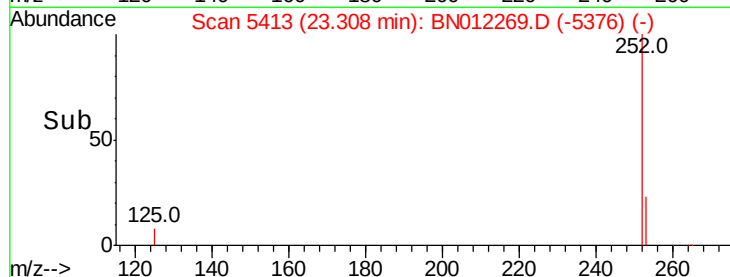
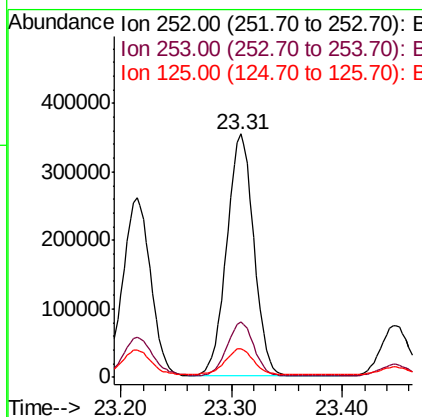
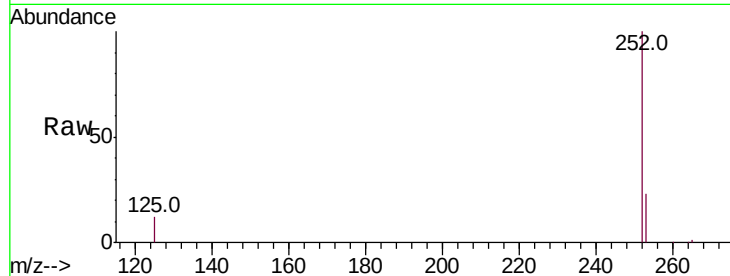
ClientSampleId :

C0AP3

Tot Ion:	252	Resp:	603482
Ion Ratio	Lower	Upper	
252	100		
253	22.6	27.0	40.4#
125	11.6	18.8	28.2#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 15.401 ng/ul

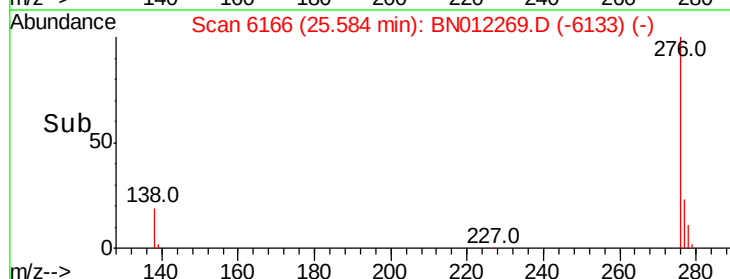
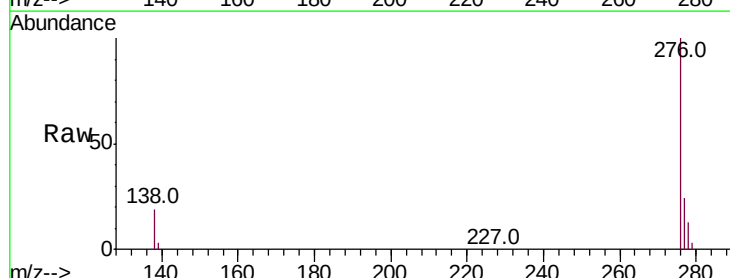
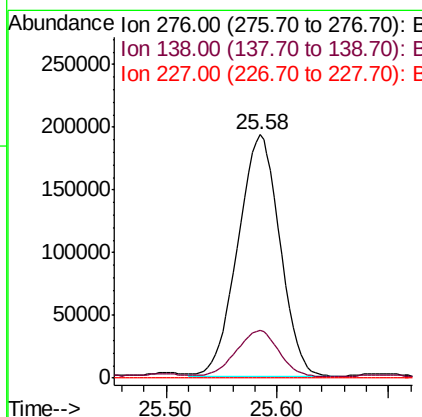
RT: 25.58 min Scan# 6166

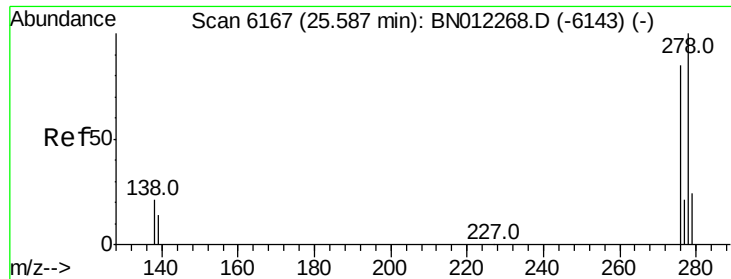
Delta R.T. 0.01 min

Lab File: BN012269.D

Acq: 16 Oct 2020 16:26

Tgt Ion:	276	Resp:	505037
Ion Ratio	Lower	Upper	
276	100		
138	19.4	0.0	0.0#
227	0.2	0.0	0.0#





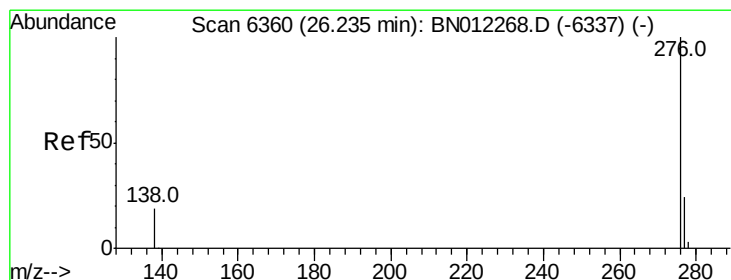
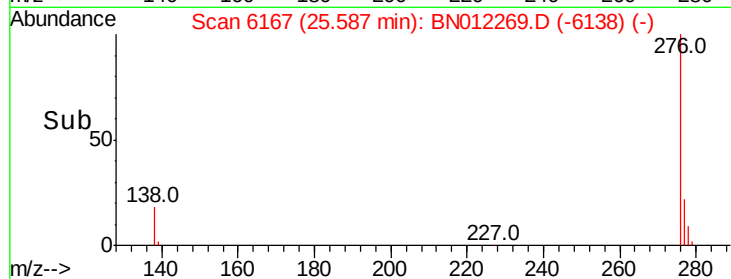
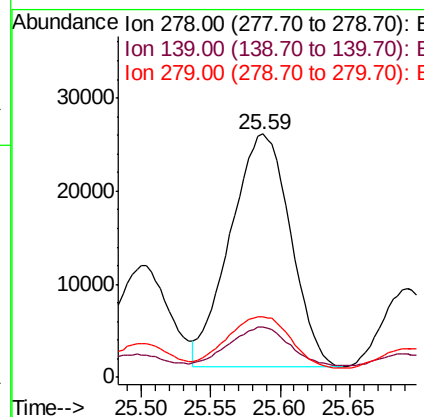
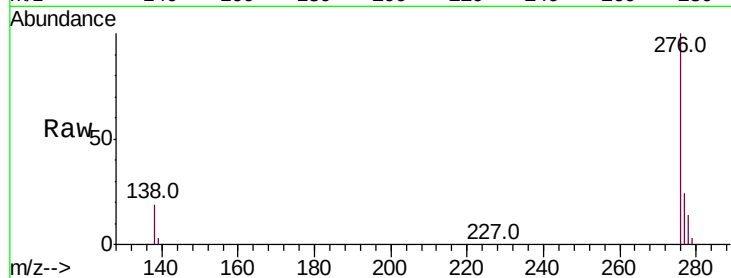
#25
Dibenzo(a,h)anthracene
Concen: 2.881 ng/ul
RT: 25.59 min Scan# 6167
Delta R.T. -0.00 min
Lab File: BN012269.D
Acq: 16 Oct 2020 16:26

Instrument :
BNA_N
ClientSampleId :
C0AP3

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.7	23.5
279	24.8	26.0	39.0

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#26
Benzo(g,h,i)perylene
Concen: 25.789 ng/ul
RT: 26.25 min Scan# 6366
Delta R.T. 0.02 min
Lab File: BN012269.D
Acq: 16 Oct 2020 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.1	25.7
277	24.0	21.1	31.7

