

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011749.D
 Acq On : 08 Sep 2020 22:31
 Operator : CG/JU
 Sample : L3840-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0

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Quant Time: Sep 09 07:02:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 06:29:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2013	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7853	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4546	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9864m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	8945	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	8892	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2676	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6184	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	3234	0.139	ng/ul	97
5) 2-Methylnaphthalene	12.18	142	636	0.041	ng/ul	99
7) Acenaphthylene	14.09	152	11318	0.516	ng/ul	99
8) Acenaphthene	14.44	153	998	0.057	ng/ul	99
9) Fluorene	15.43	166	1716	0.084	ng/ul#	95
12) Phenanthrene	17.16	178	14493	0.437	ng/ul	99
13) Anthracene	17.25	178	16948	0.574	ng/ul	100
15) Fluoranthene	19.18	202	51843	1.406	ng/ul	99
17) Pyrene	19.54	202	104565	2.632	ng/ul	98
18) Benzo(a)anthracene	21.29	228	58791	1.690	ng/ul	96
19) Chrysene	21.35	228	122444	3.152	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	221817m	5.322	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	86926m	2.033	ng/ul	
23) Benzo(a)pyrene	23.46	252	134802	3.747	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.82	276	74952	1.585	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	21354	0.553	ng/ul	97
26) Benzo(a,h,i)perylene	26.51	276	62883	1.522	ng/ul	98

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

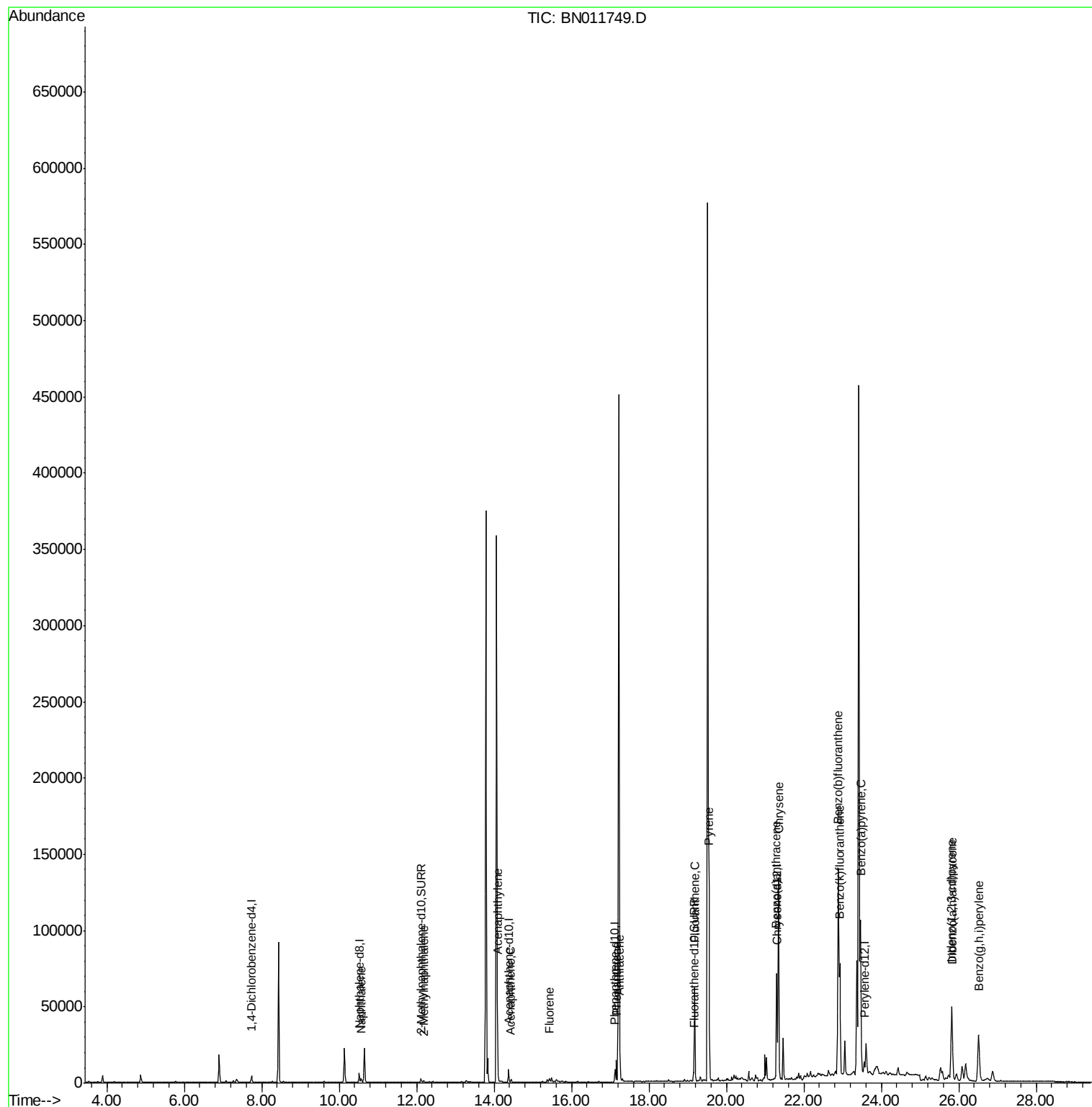
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011749.D
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ALS Vial : 22 Sample Multiplier: 1

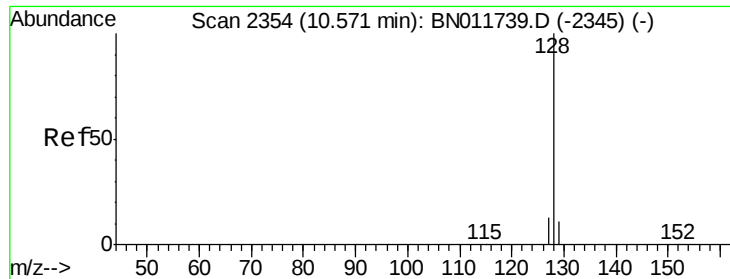
Instrument :
BNA_N
ClientSampleId :
C0AB0

Quant Time: Sep 09 07:02:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.139 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Instrument :

BNA_N

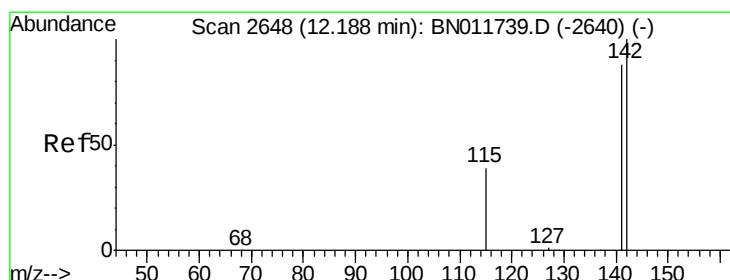
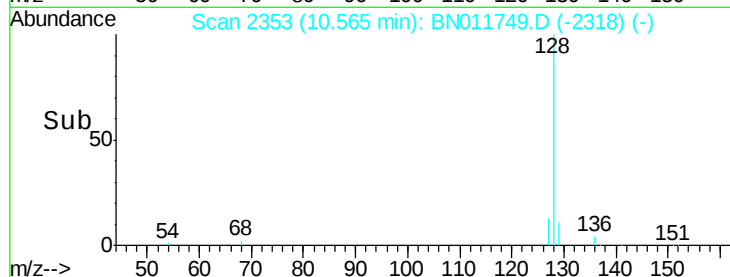
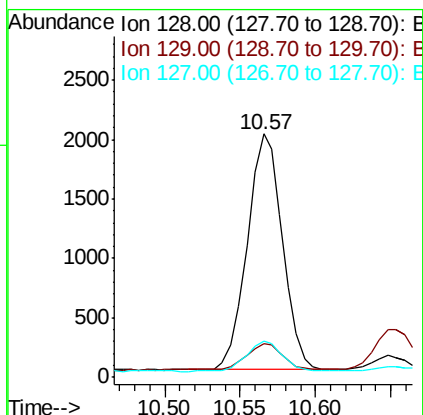
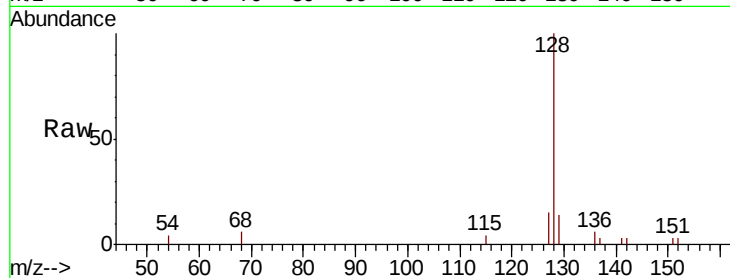
ClientSampled :

C0AB0

Tot Ion:	128	Resp:	3234
Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.8	14.6
127	14.8	11.0	16.6

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#5

2-Methylnaphthalene

Concen: 0.041 ng/ul

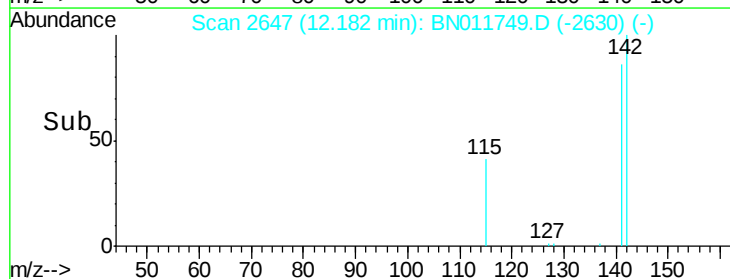
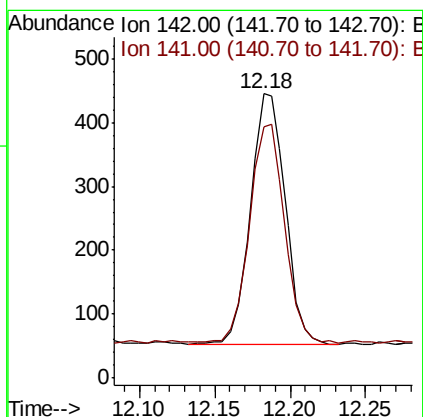
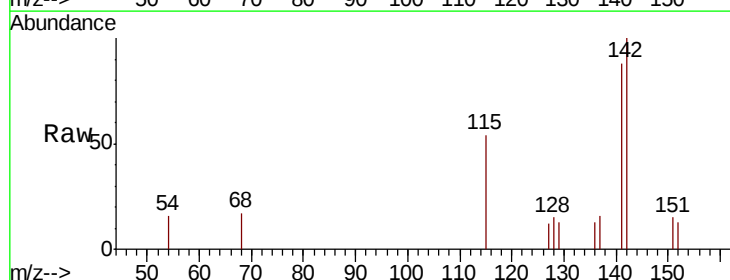
RT: 12.18 min Scan# 2647

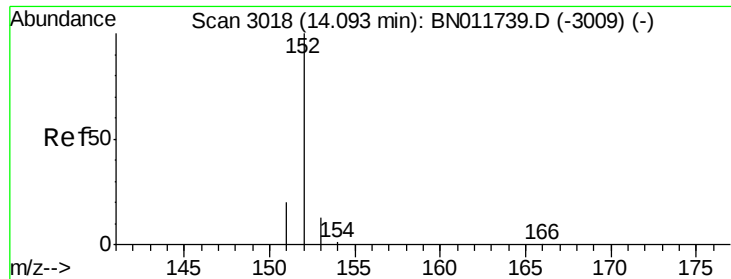
Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Tgt Ion:	142	Resp:	636
Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.0	106.6





#7

Acenaphthylene

Concen: 0.516 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Instrument :

BNA_N

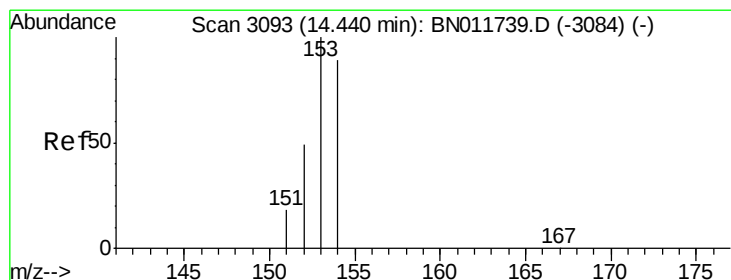
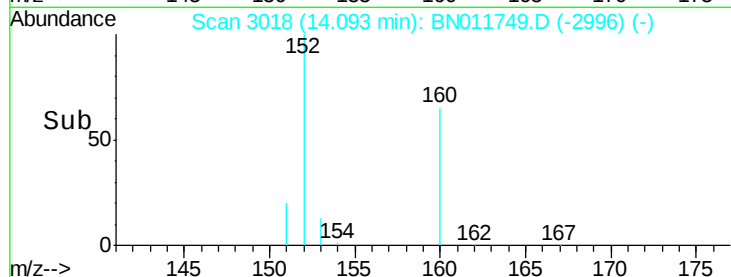
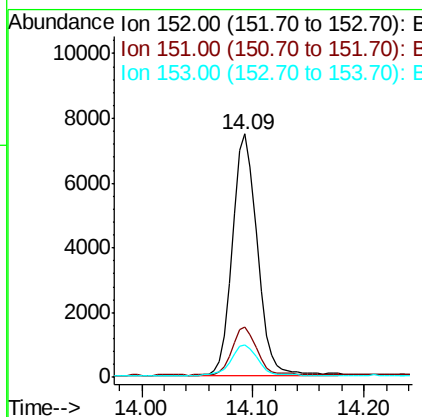
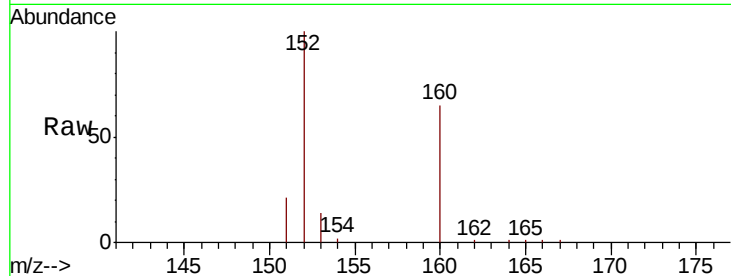
ClientSampled :

C0AB0

Tot Ion:	152	Resp:	11318
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.4
153	13.5	11.4	17.0

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#8

Acenaphthene

Concen: 0.057 ng/ul

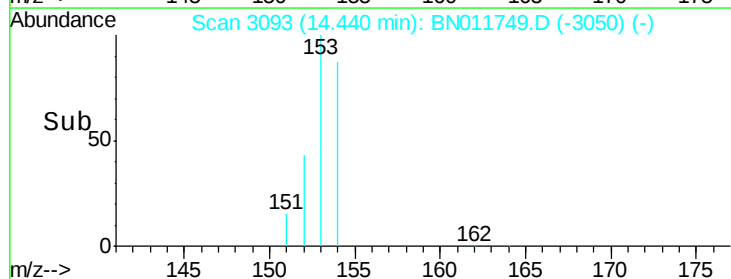
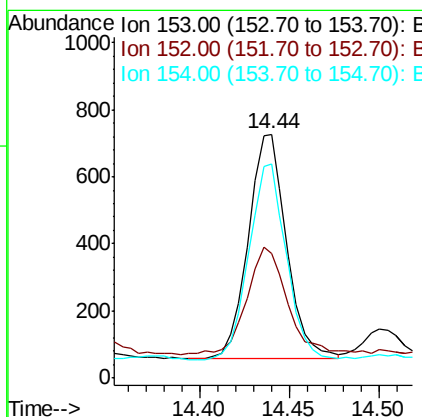
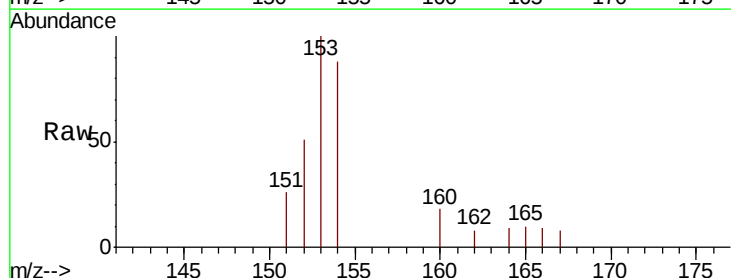
RT: 14.44 min Scan# 3093

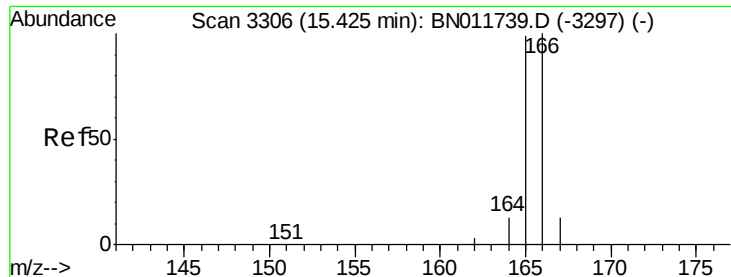
Delta R.T. 0.00 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Tgt Ion:	153	Resp:	998
Ion Ratio	Lower	Upper	
153	100		
152	51.4	40.3	60.5
154	87.9	70.1	105.1





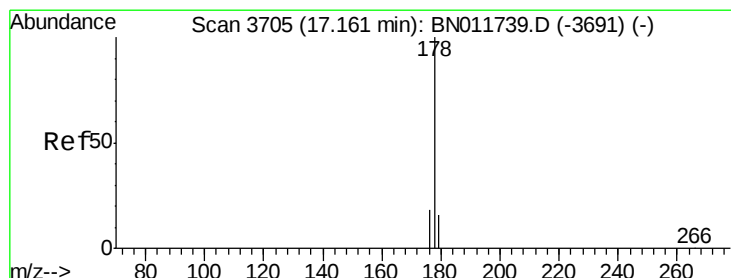
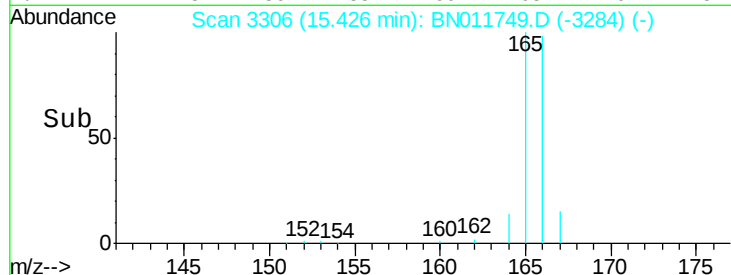
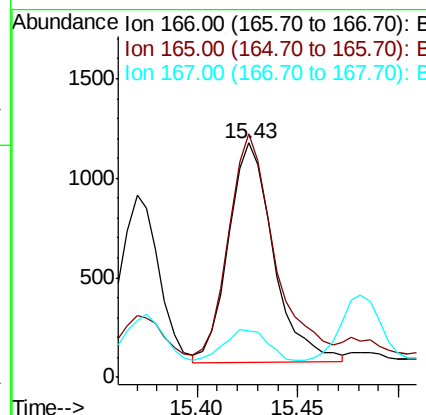
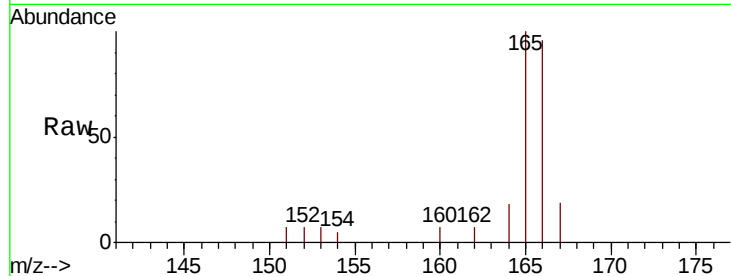
#9
Fluorene
 Concen: 0.084 ng/ul
 RT: 15.43 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: BN011749.D
 Acq: 08 Sep 2020 22:31

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	104.0	80.2	120.2
167	19.9	11.8	17.6

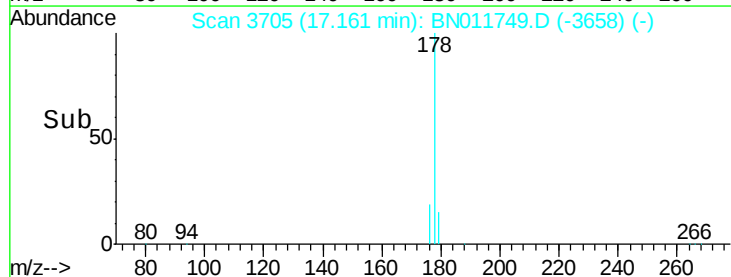
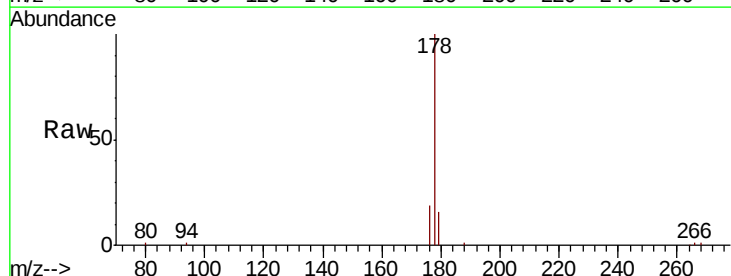
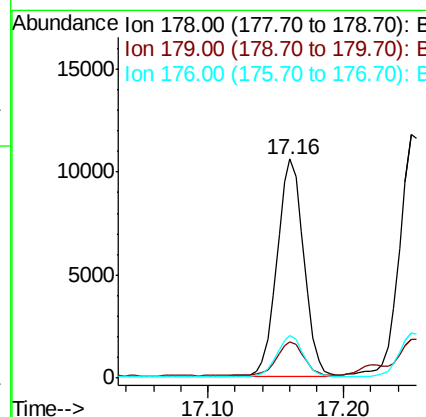
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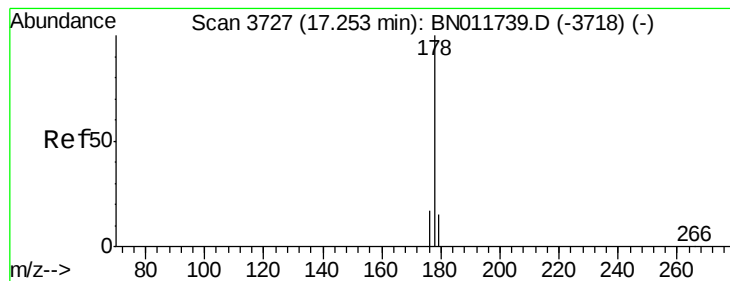
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#12
Phenanthrene
 Concen: 0.437 ng/ul
 RT: 17.16 min Scan# 3705
 Delta R.T. 0.00 min
 Lab File: BN011749.D
 Acq: 08 Sep 2020 22:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	19.0
176	19.4	16.0	24.0





#13

Anthracene

Concen: 0.574 ng/ul

RT: 17.25 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Instrument :

BNA_N

ClientSampleId :

C0AB0

Tot Ion:178 Resp: 16948

Ion Ratio Lower Upper

178 100

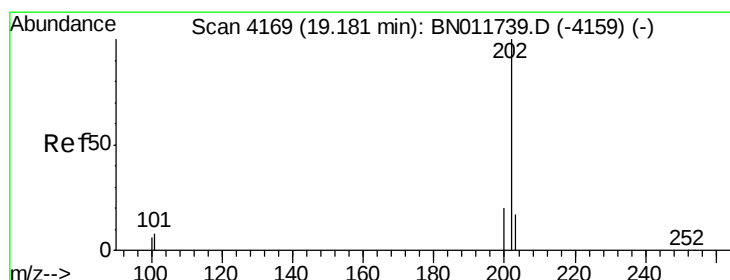
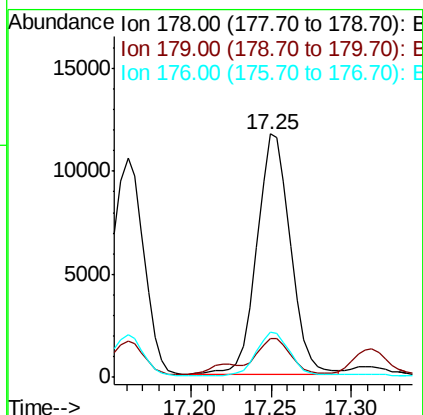
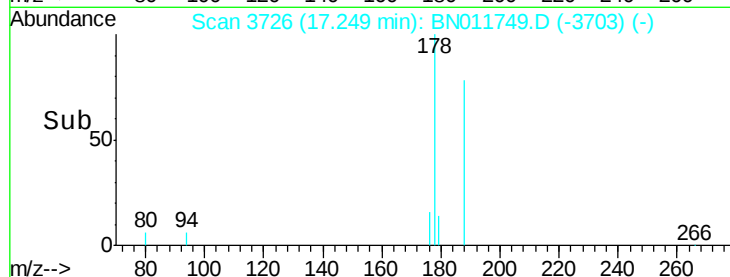
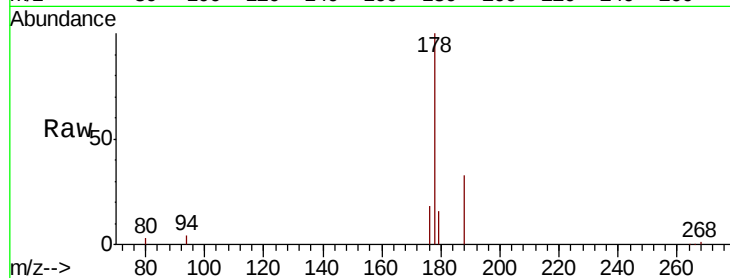
179 15.8 12.7 19.1

176 18.3 14.8 22.2

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#15

Fluoranthene

Concen: 1.406 ng/ul

RT: 19.18 min Scan# 4169

Delta R.T. 0.00 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

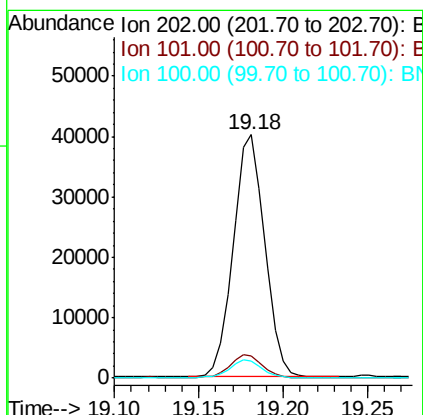
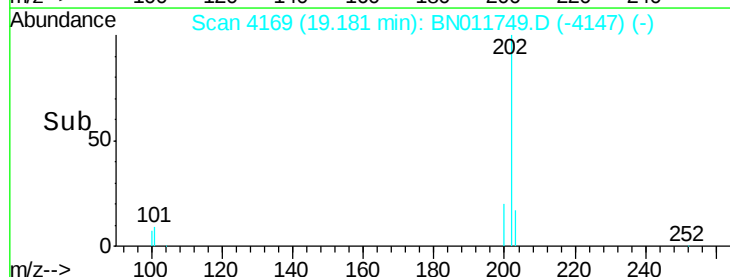
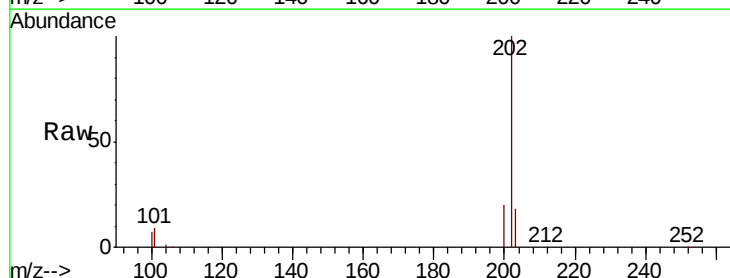
Tgt Ion:202 Resp: 51843

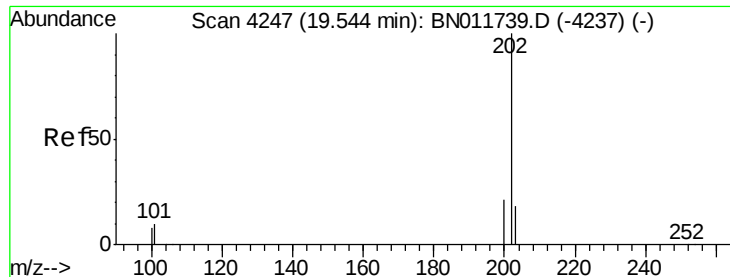
Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.1

100 6.8 0.0 27.4





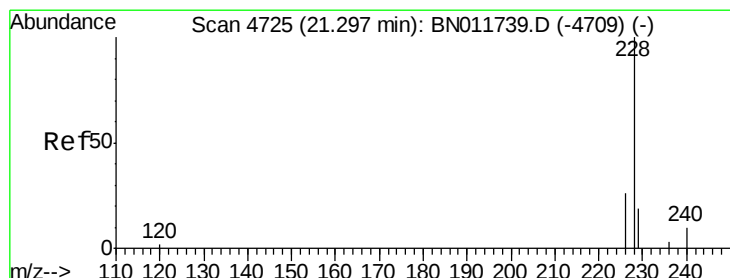
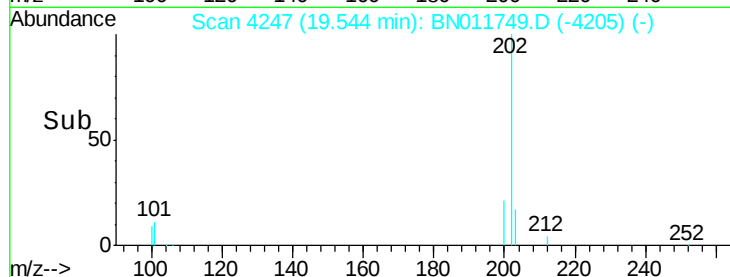
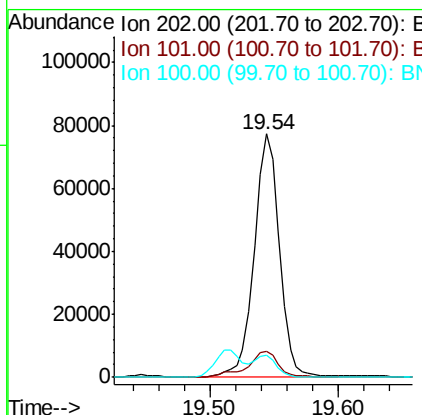
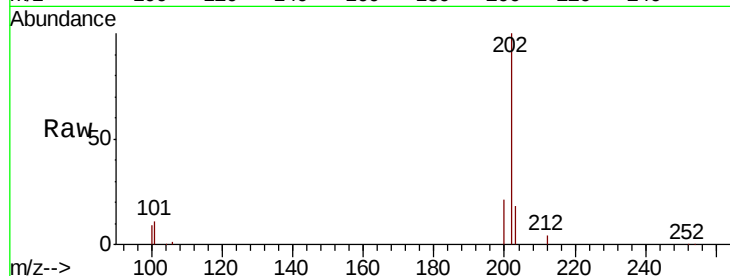
#17
Pvrene
Concen: 2.632 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. -0.00 min
Lab File: BN011749.D
Acq: 08 Sep 2020 22:31

Instrument :
BNA_N
ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	104565		
101	10.9	8.0	12.0	
100	9.0	6.5	9.7	

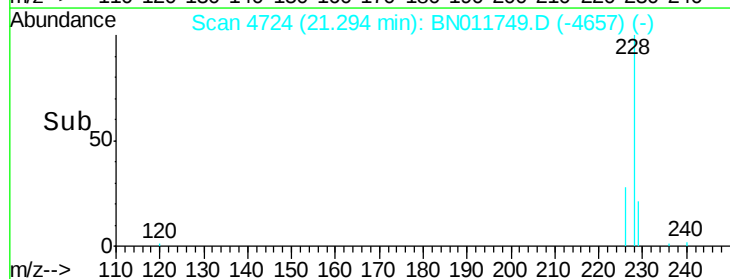
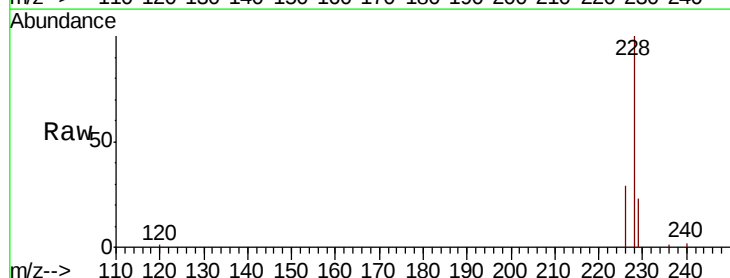
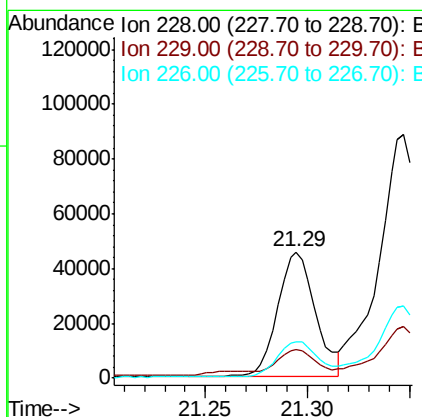
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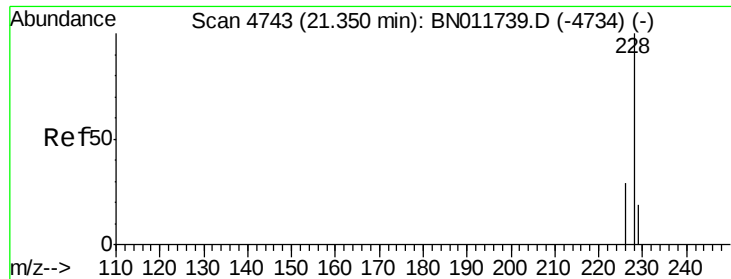
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#18
Benzo(a)anthracene
Concen: 1.690 ng/ul
RT: 21.29 min Scan# 4724
Delta R.T. -0.01 min
Lab File: BN011749.D
Acq: 08 Sep 2020 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	58791		
229	22.6	15.9	23.9	
226	29.2	21.9	32.9	





#19

Chrysene

Concen: 3.152 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Instrument :

BNA_N

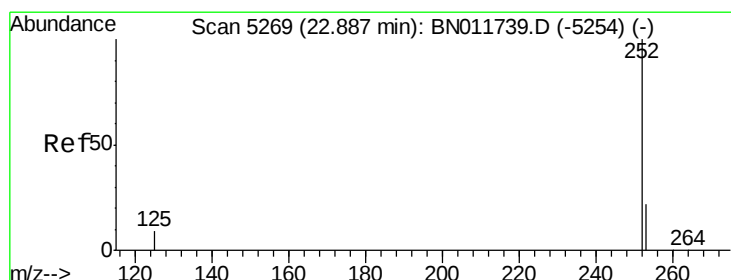
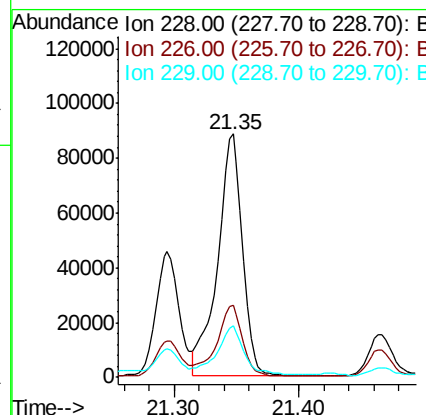
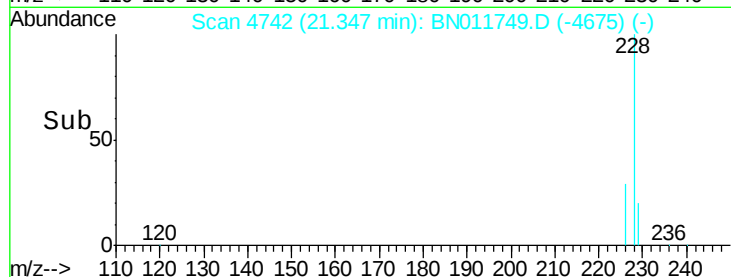
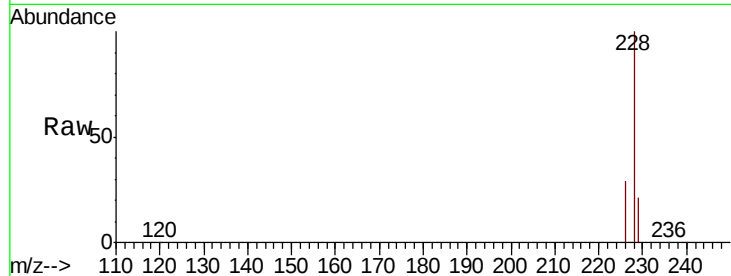
ClientSampleId :

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Tot Ion:228	Resp:	122444
Ion Ratio	Lower	Upper
228 100		
226 29.5	24.6	37.0
229 21.0	15.9	23.9

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#21

Benzo(b)fluoranthene

Concen: 5.322 ng/ul m

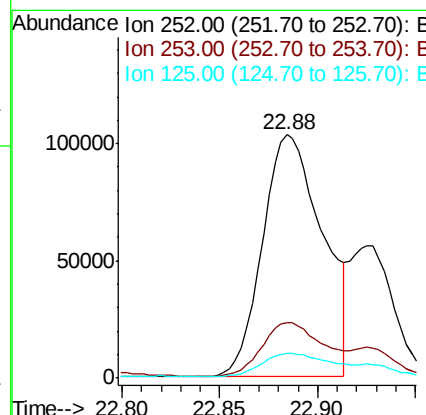
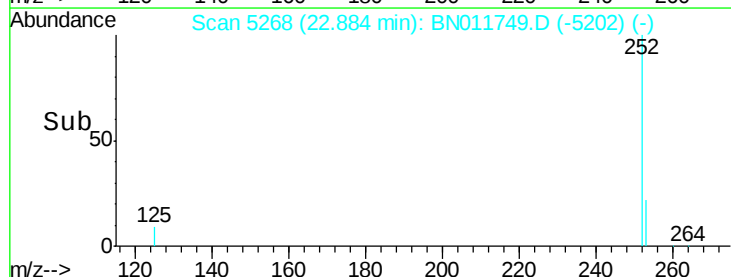
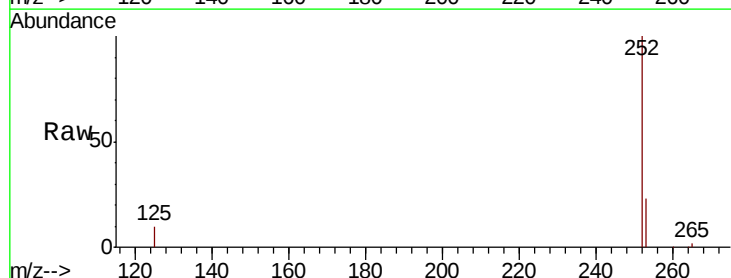
RT: 22.88 min Scan# 5268

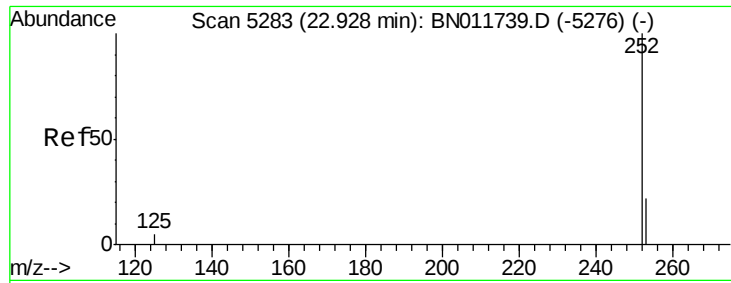
Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Tgt Ion:252	Resp:	221817
Ion Ratio	Lower	Upper
252 100		
253 22.7	0.0	50.6
125 10.2	0.0	23.6





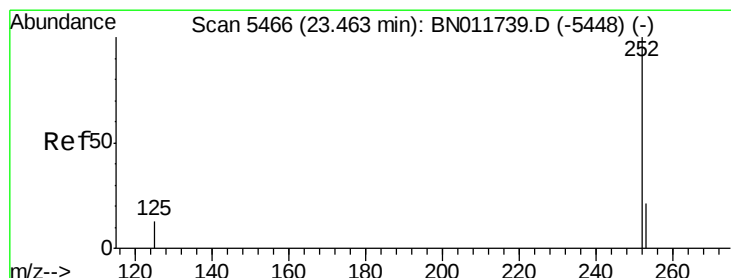
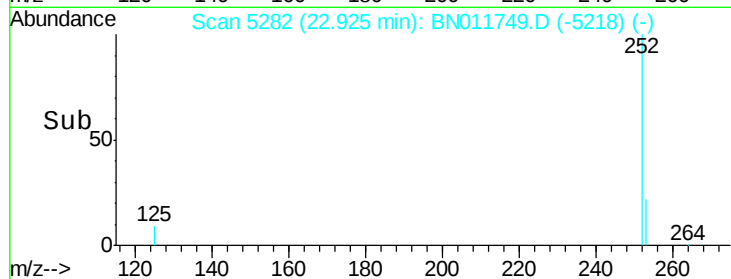
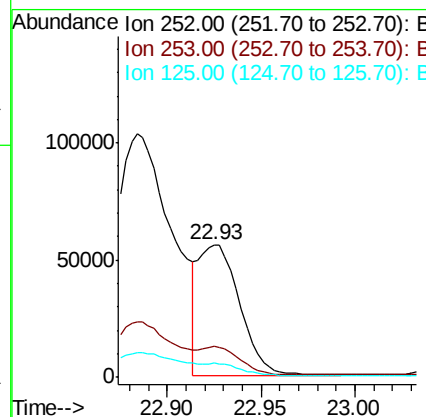
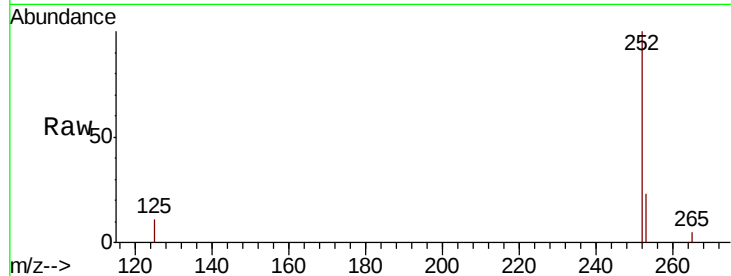
#22
Benzo(k)fluoranthene
Concen: 2.033 ng/ul m
RT: 22.93 min Scan# 5282
Delta R.T. -0.01 min
Lab File: BN011749.D
Acq: 08 Sep 2020 22:31

Instrument :
BNA_N
ClientSampled :
C0AB0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.7	31.1
125	10.6	9.7	14.5

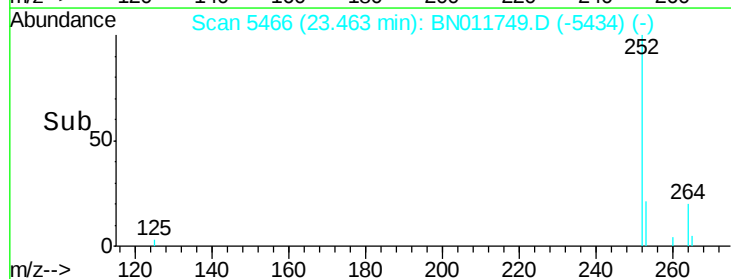
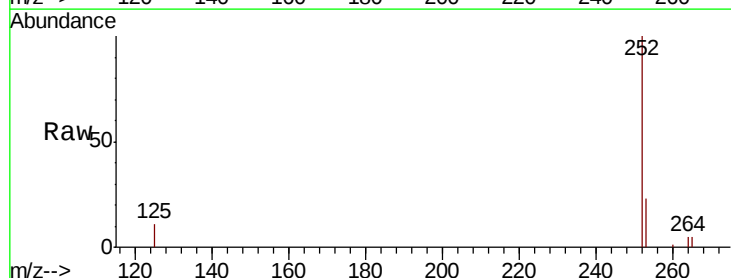
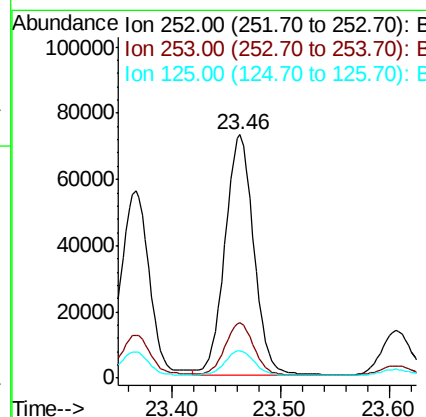
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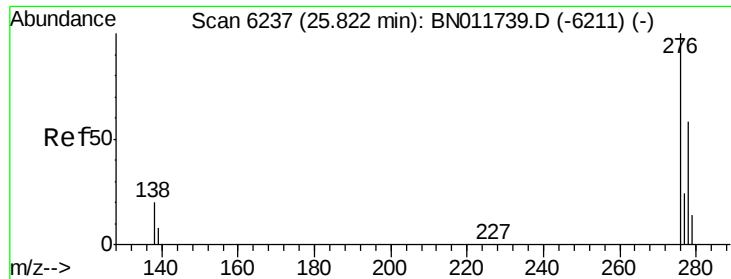
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#23
Benzo(a)pyrene
Concen: 3.747 ng/ul
RT: 23.46 min Scan# 5466
Delta R.T. -0.01 min
Lab File: BN011749.D
Acq: 08 Sep 2020 22:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	21.6	32.4
125	11.3	12.6	18.8#





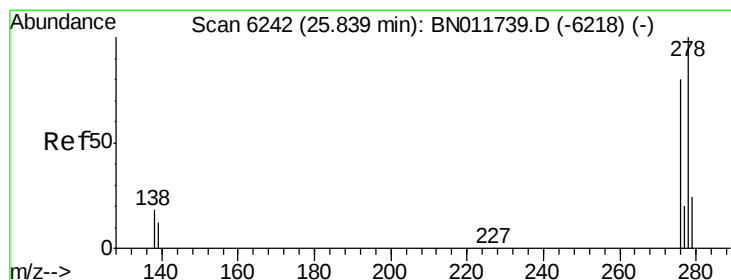
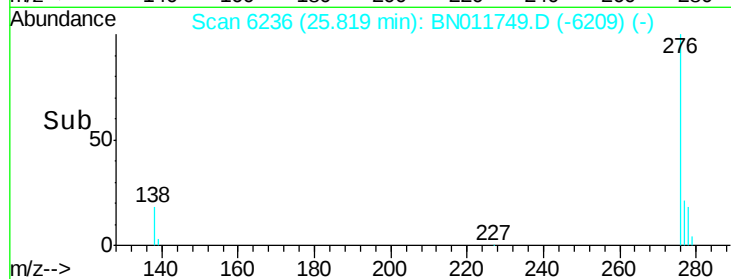
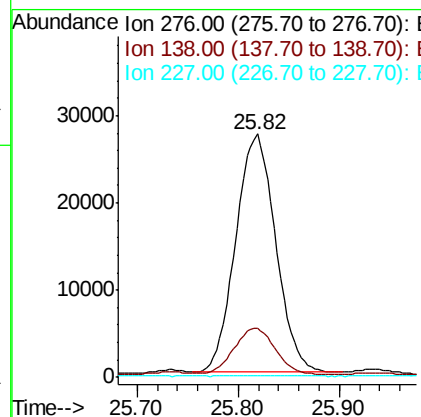
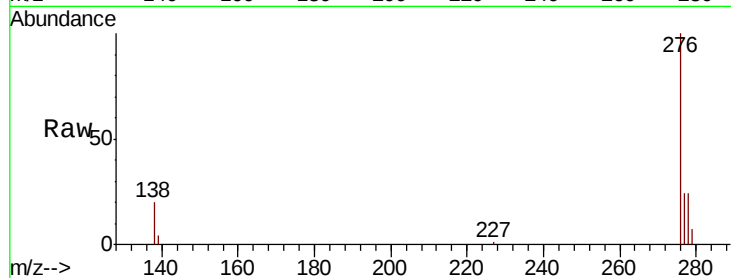
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.585 ng/ul
 RT: 25.82 min Scan# 6236
 Delta R.T. -0.01 min
 Lab File: BN011749.D
 Acq: 08 Sep 2020 22:31

Instrument :
 BNA_N
 ClientSampled :
 C0AB0

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	19.9	0.0	0.0#
227	0.2	0.1	0.1#

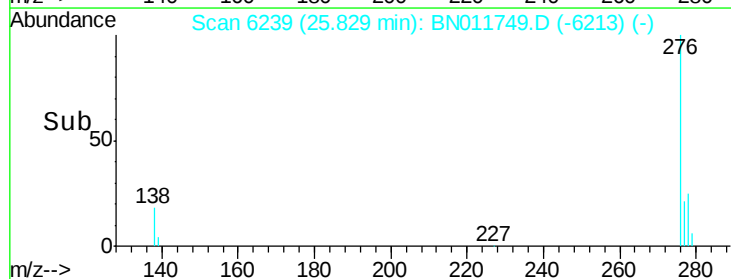
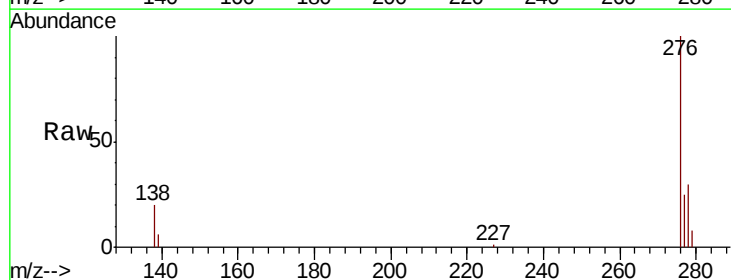
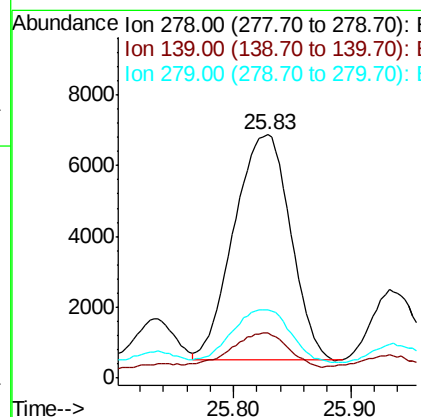
Manual Integrations
 APPROVED

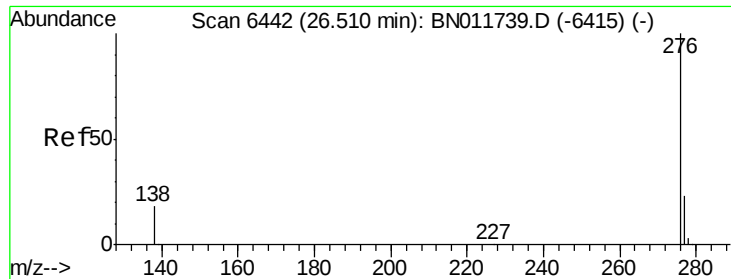
Sohil
 9/9/2020 3:46:30 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.553 ng/ul
 RT: 25.83 min Scan# 6239
 Delta R.T. -0.01 min
 Lab File: BN011749.D
 Acq: 08 Sep 2020 22:31

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	18.5	12.4	18.6
279	27.9	21.8	32.6





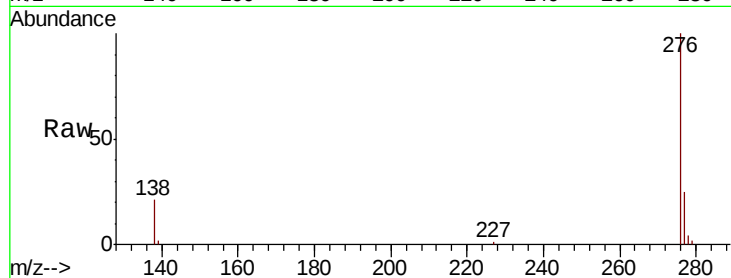
#26
 Benzo(a,h,i)perylene
 Concen: 1.522 ng/ul
 RT: 26.51 min Scan# 6442
 Delta R.T. -0.01 min
 Lab File: BN011749.D
 Acq: 08 Sep 2020 22:31

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	14.7	22.1
277	24.7	19.5	29.3

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:46:30 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

