

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011758.D
 Acq On : 09 Sep 2020 04:33
 Operator : CG/JU
 Sample : L3843-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:46:42 PM

Quant Time: Sep 09 07:45:37 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 07:05:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2422	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9760	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	6144	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	13104m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	11520	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	10905	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4251	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	10043	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	286471	9.918	ng/ul	98
5) 2-Methylnaphthalene	12.18	142	10266	0.533	ng/ul	100
7) Acenaphthylene	14.09	152	9816	0.331	ng/ul#	83
8) Acenaphthene	14.44	153	339114	14.263	ng/ul	98
9) Fluorene	15.43	166	245869	8.947	ng/ul	97
12) Phenanthrene	17.16	178	1147755	26.043	ng/ul	98
13) Anthracene	17.25	178	243112	6.195	ng/ul	99
15) Fluoranthene	19.18	202	887397	18.118	ng/ul	99
17) Pyrene	19.54	202	592573	11.583	ng/ul	96
18) Benzo(a)anthracene	21.29	228	216952	4.843	ng/ul	99
19) Chrysene	21.34	228	266735	5.332	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	192402m	3.764	ng/ul	
22) Benzo(k)fluoranthene	22.92	252	70803m	1.351	ng/ul	
23) Benzo(a)pyrene	23.46	252	113794	2.579	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.81	276	50437	0.870	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	15764	0.333	ng/ul	95
26) Benzo(a,h,i)perylene	26.50	276	42139	0.832	ng/ul	97

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

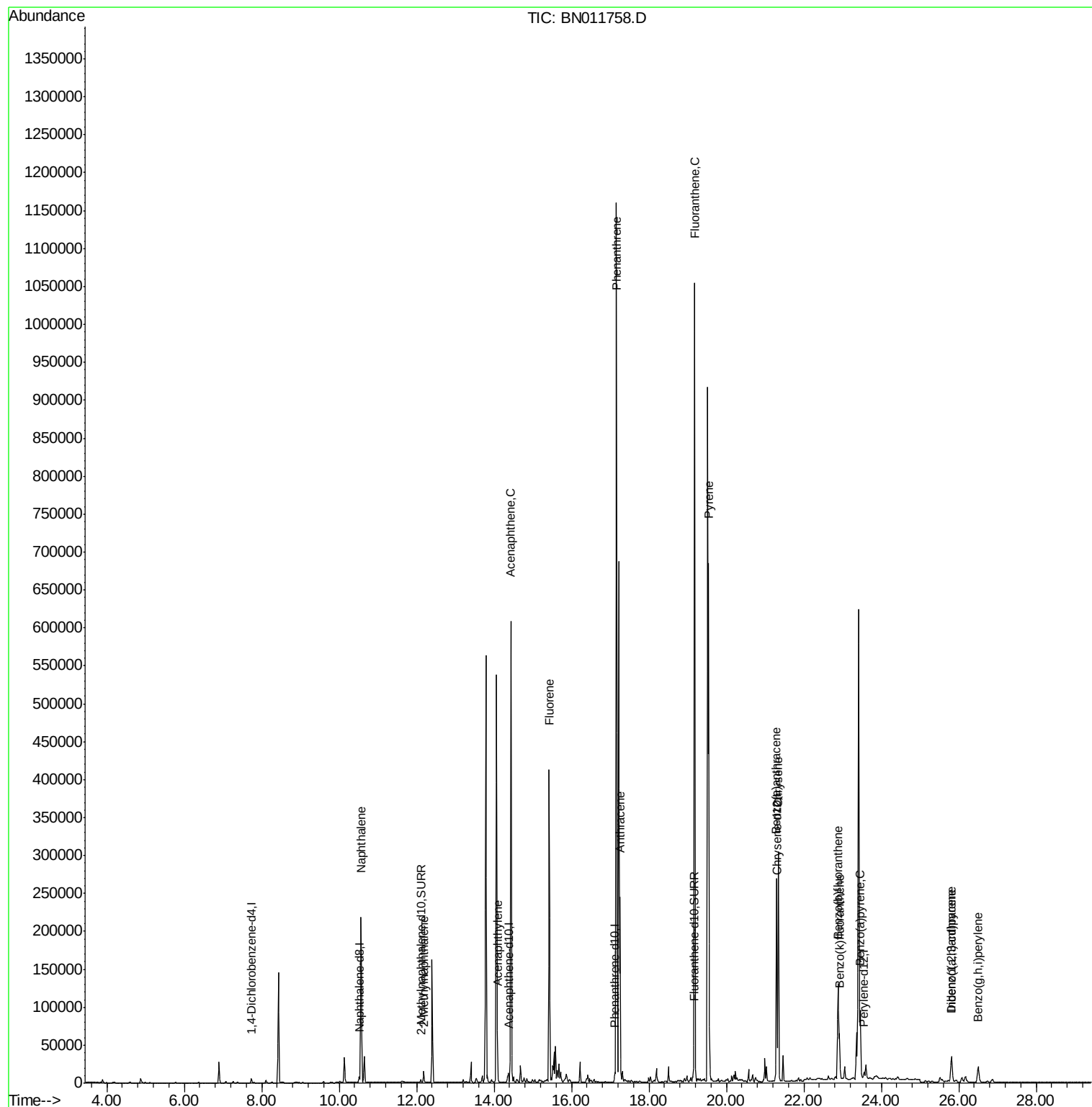
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011758.D
Acq On : 09 Sep 2020 04:33
Operator : CG/JU
Sample : L3843-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

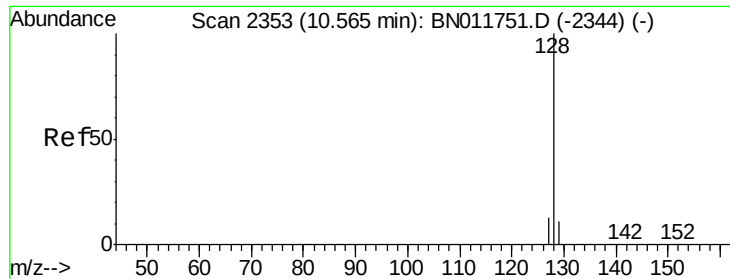
Instrument :
BNA_N
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Quant Time: Sep 09 07:45:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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#3

Naphthalene

Concen: 9.918 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN011758.D

Acq: 09 Sep 2020 04:33

Instrument :

BNA_N

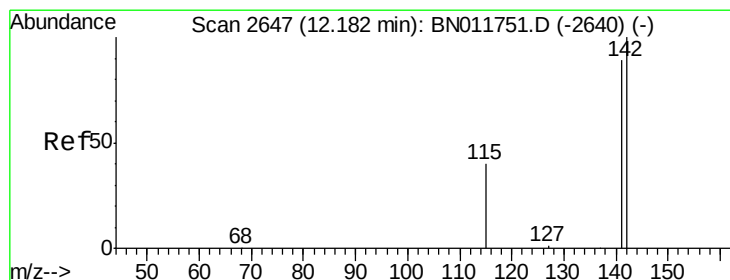
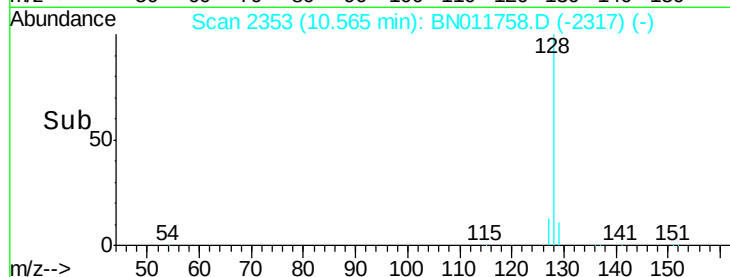
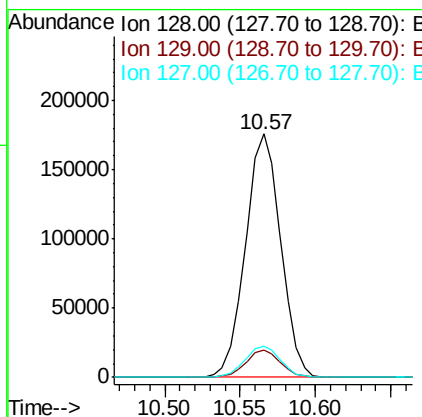
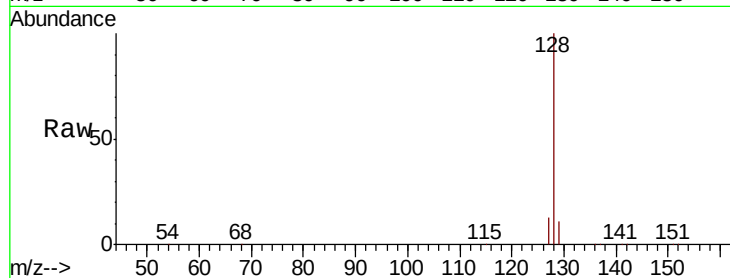
ClientSampleId :

C0AC8

Tot Ion:	128	Resp:	286471
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.8	14.6
127	13.0	11.0	16.6

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#5

2-Methylnaphthalene

Concen: 0.533 ng/ul

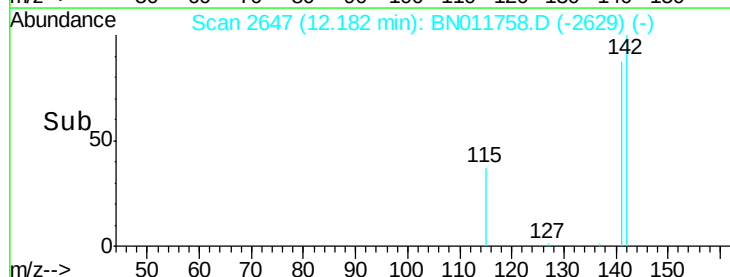
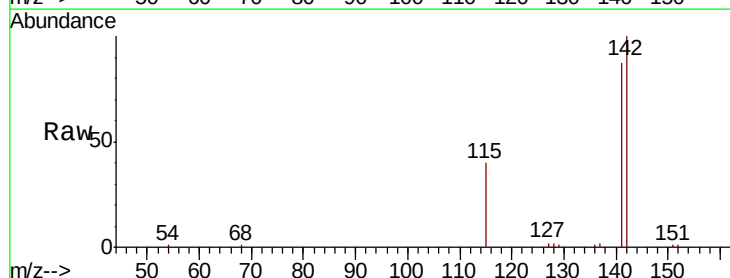
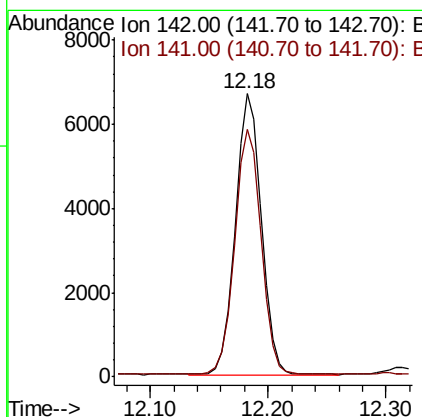
RT: 12.18 min Scan# 2647

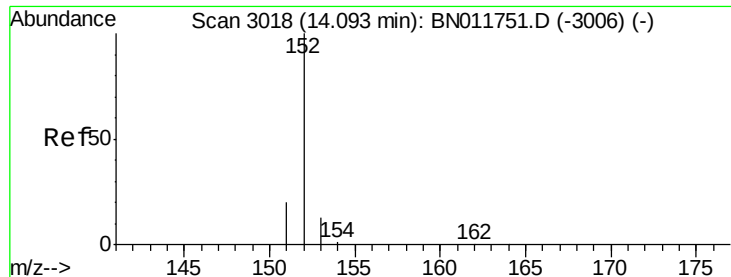
Delta R.T. 0.00 min

Lab File: BN011758.D

Acq: 09 Sep 2020 04:33

Tgt Ion:	142	Resp:	10266
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.0	106.6





#7

Acenaphthylene

Concen: 0.331 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011758.D

Acq: 09 Sep 2020 04:33

Instrument :

BNA_N

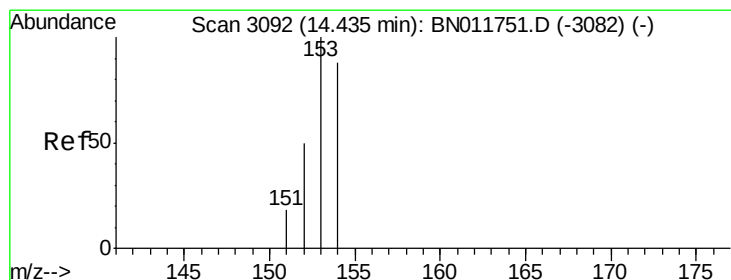
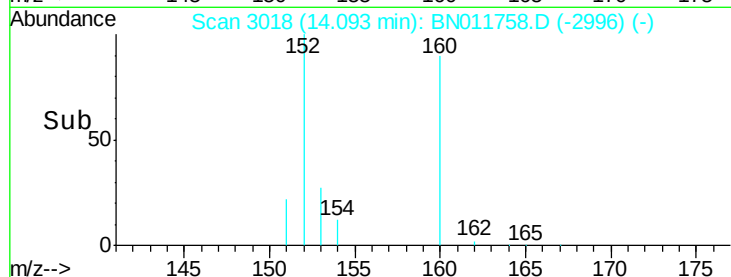
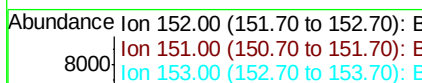
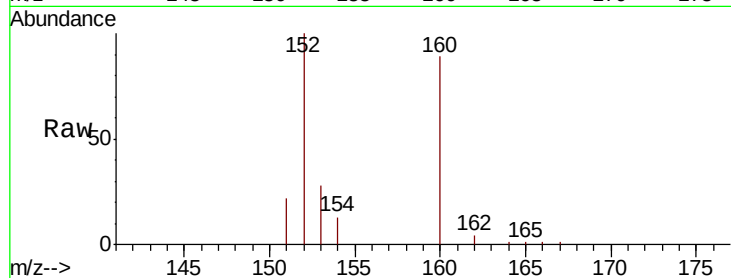
ClientSampleId :

C0AC8

Tot Ion:	152	Resp:	9816
Ion Ratio	Lower	Upper	
152	100		
151	22.5	16.2	24.4
153	27.9	11.4	17.0

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#8

Acenaphthene

Concen: 14.263 ng/ul

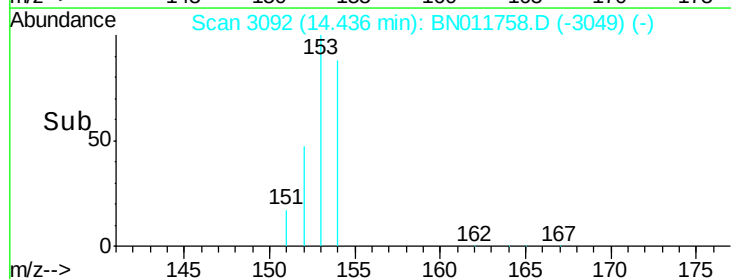
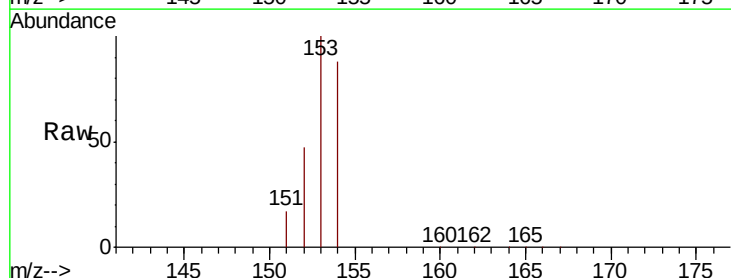
RT: 14.44 min Scan# 3092

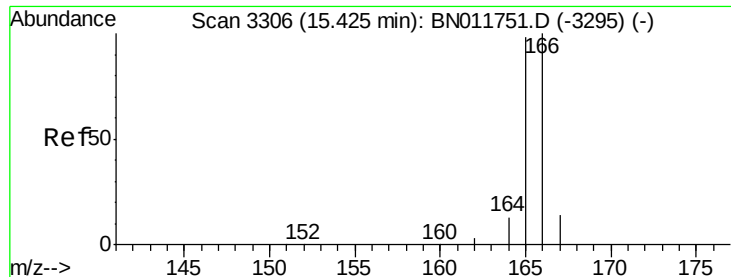
Delta R.T. 0.00 min

Lab File: BN011758.D

Acq: 09 Sep 2020 04:33

Tgt Ion:	153	Resp:	339114
Ion Ratio	Lower	Upper	
153	100		
152	47.1	40.3	60.5
154	88.1	70.1	105.1





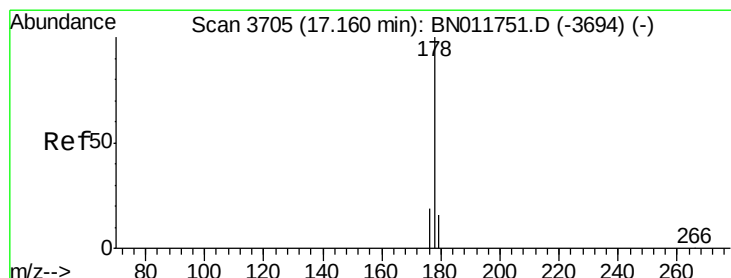
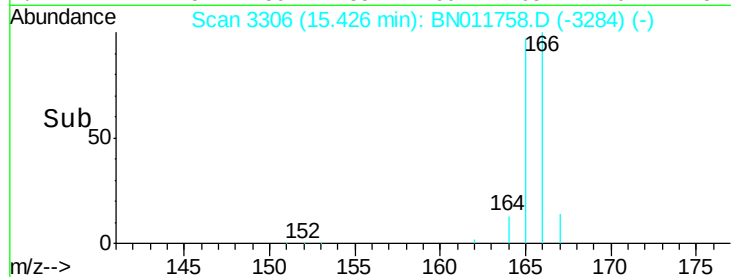
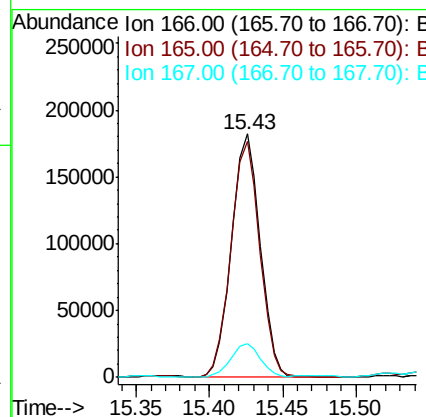
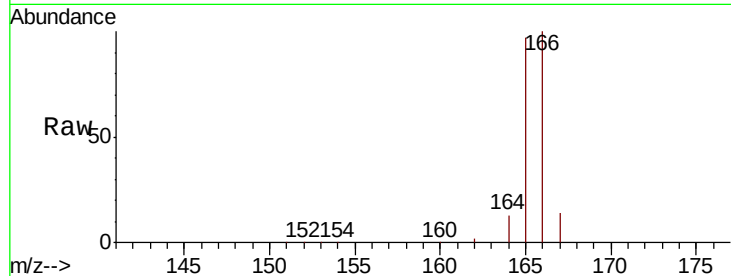
#9
Fluorene
 Concen: 8.947 ng/ul
 RT: 15.43 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: BN011758.D
 Acq: 09 Sep 2020 04:33

Instrument :
 BNA_N
 ClientSampled :
 C0AC8

Tot Ion:	166	Resp:	245869
Ion Ratio	Lower	Upper	
166	100		
165	96.8	80.2	120.2
167	13.8	11.8	17.6

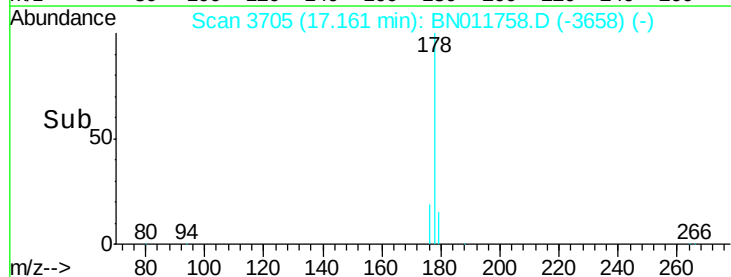
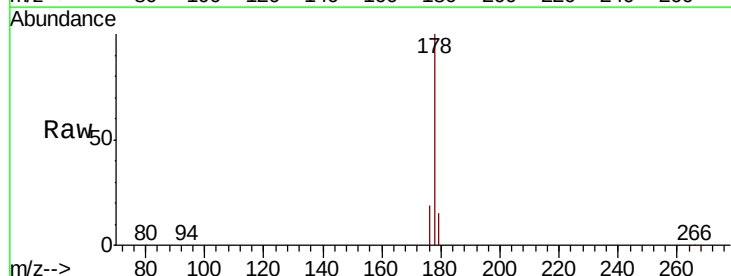
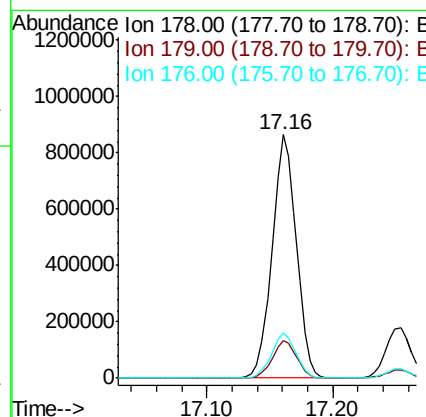
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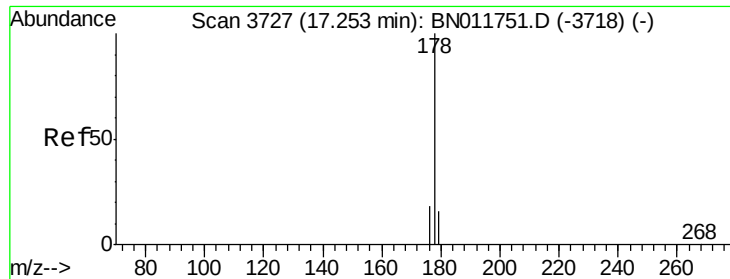
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#12
Phenanthrene
 Concen: 26.043 ng/ul
 RT: 17.16 min Scan# 3705
 Delta R.T. 0.00 min
 Lab File: BN011758.D
 Acq: 09 Sep 2020 04:33

Tgt Ion:	178	Resp:	1147755
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	19.0
176	18.7	16.0	24.0





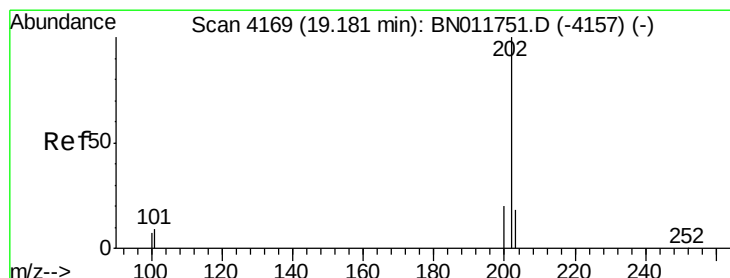
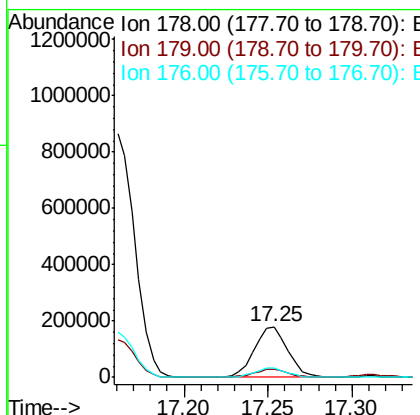
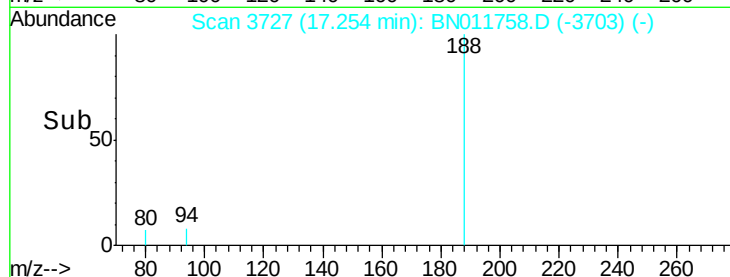
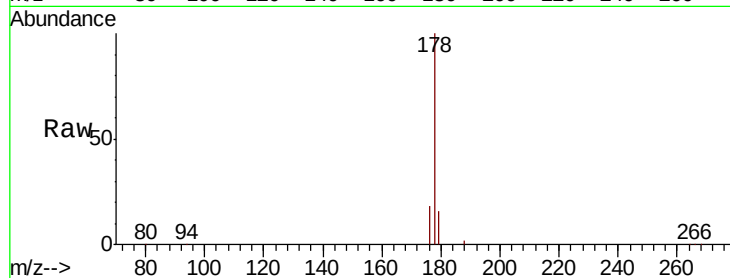
#13
 Anthracene
 Concen: 6.195 ng/ul
 RT: 17.25 min Scan# 3727
 Delta R.T. 0.00 min
 Lab File: BN011758.D
 Acq: 09 Sep 2020 04:33

Instrument :
 BNA_N
 ClientSampled :
 C0AC8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	17.9	14.8	22.2

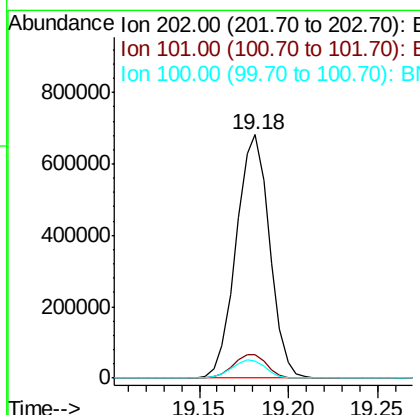
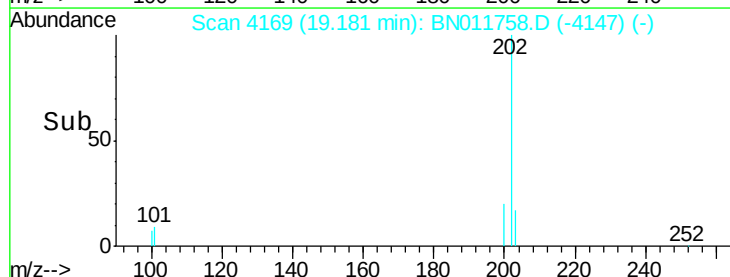
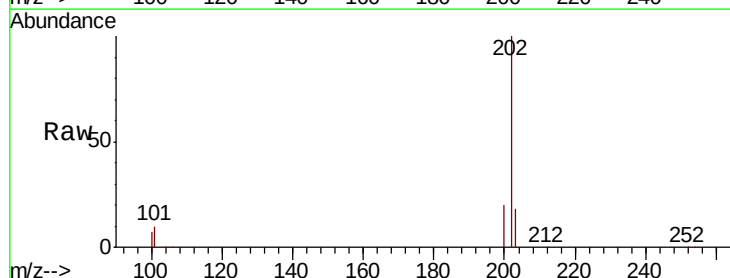
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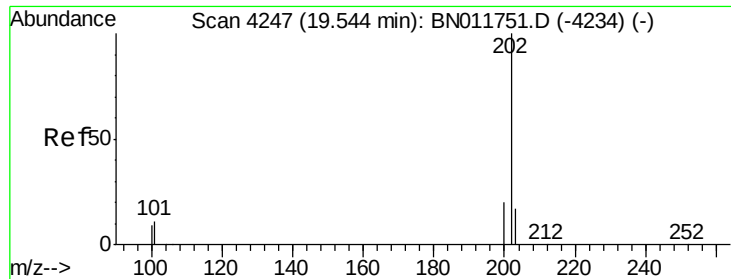
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#15
 Fluoranthene
 Concen: 18.118 ng/ul
 RT: 19.18 min Scan# 4169
 Delta R.T. 0.00 min
 Lab File: BN011758.D
 Acq: 09 Sep 2020 04:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.1
100	7.2	0.0	27.4





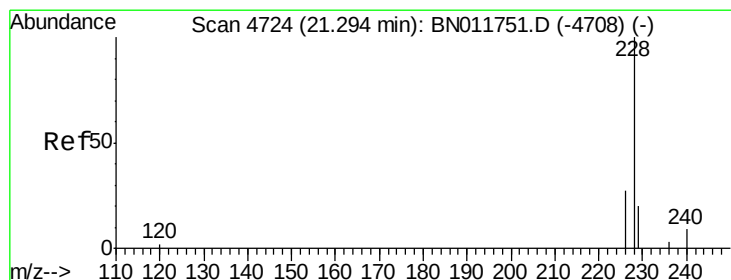
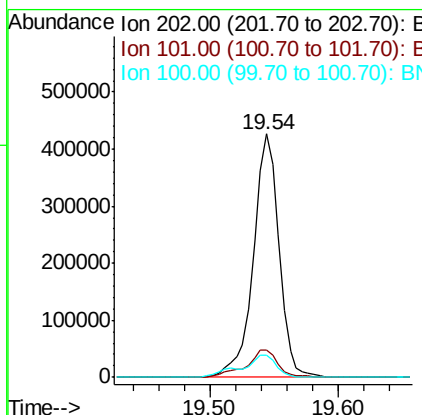
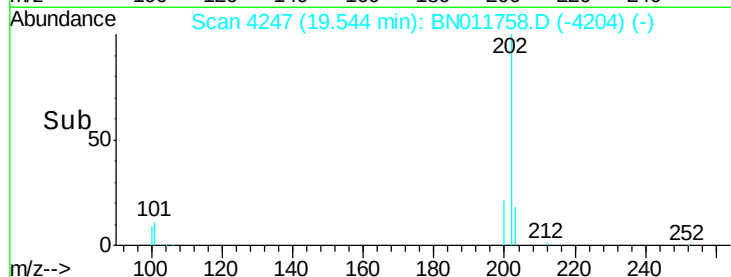
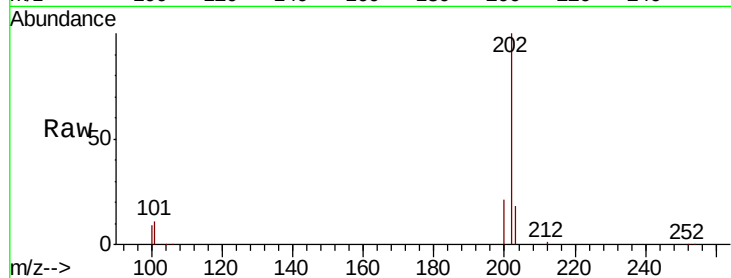
#17
 Pvrene
 Concen: 11.583 ng/ul
 RT: 19.54 min Scan# 4247
 Delta R.T. 0.00 min
 Lab File: BN011758.D
 Acq: 09 Sep 2020 04:33

Instrument :
 BNA_N
 ClientSampled :
 C0AC8

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	8.0	12.0
100	9.3	6.5	9.7

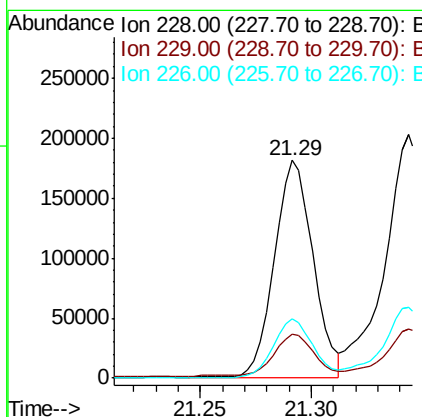
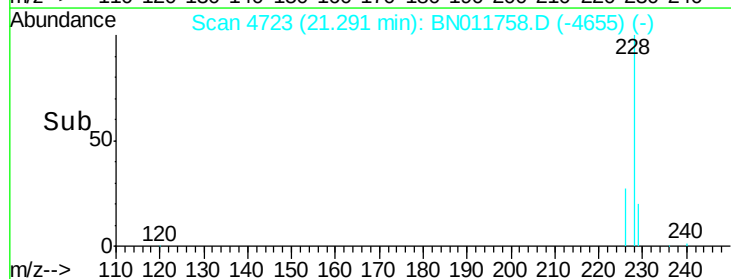
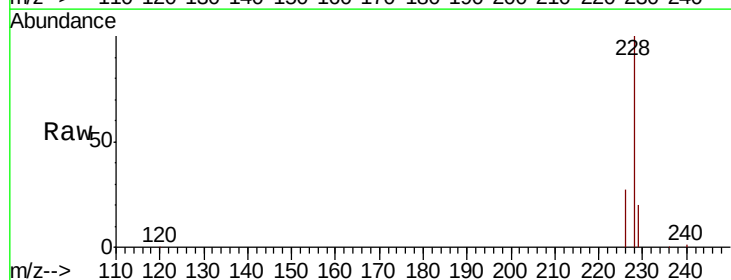
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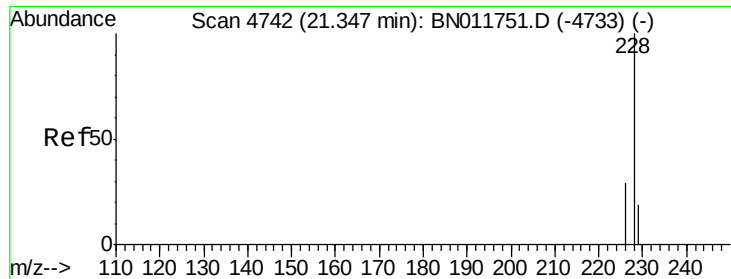
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#18
 Benzo(a)anthracene
 Concen: 4.843 ng/ul
 RT: 21.29 min Scan# 4723
 Delta R.T. -0.00 min
 Lab File: BN011758.D
 Acq: 09 Sep 2020 04:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	15.9	23.9
226	27.1	21.9	32.9





#19

Chrysene

Concen: 5.332 ng/ul

RT: 21.34 min Scan# 4741

Delta R.T. -0.00 min

Lab File: BN011758.D

Acq: 09 Sep 2020 04:33

Instrument :

BNA_N

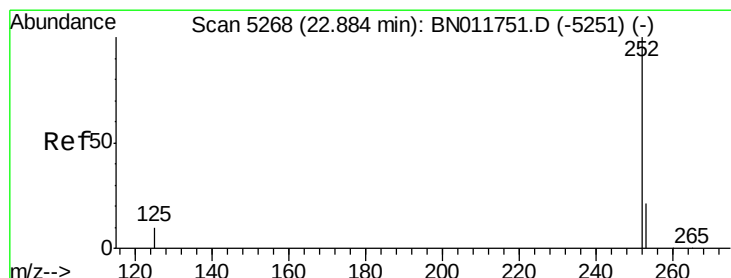
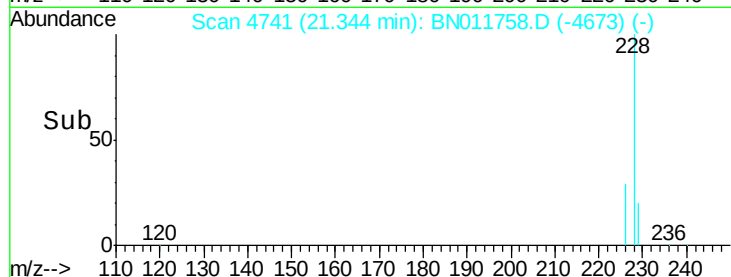
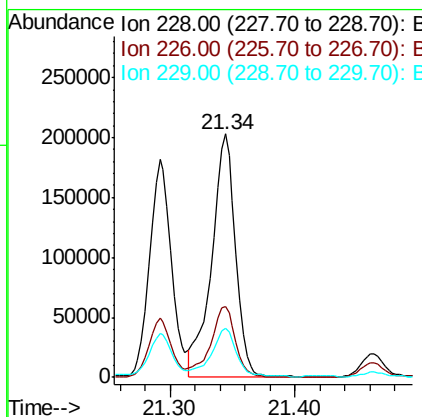
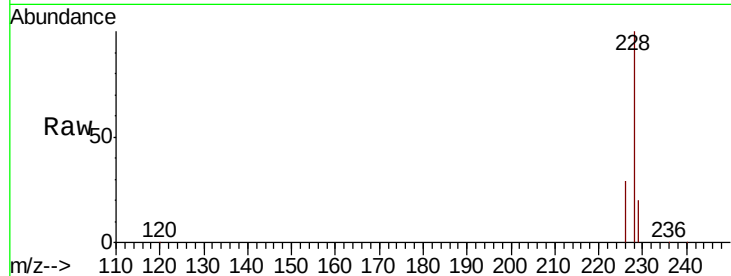
ClientSampled :

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Tot Ion:	228	Resp:	266735
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.6	37.0
229	20.3	15.9	23.9

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#21

Benzo(b)fluoranthene

Concen: 3.764 ng/ul m

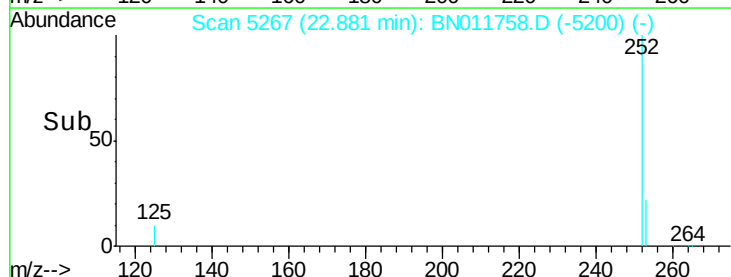
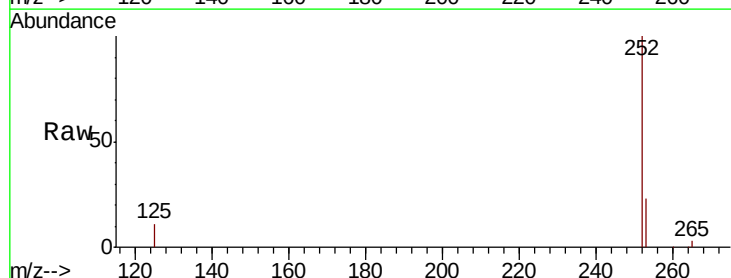
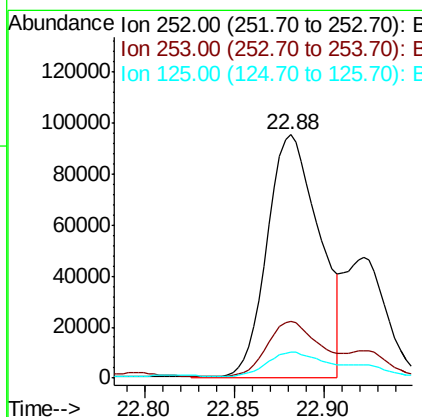
RT: 22.88 min Scan# 5267

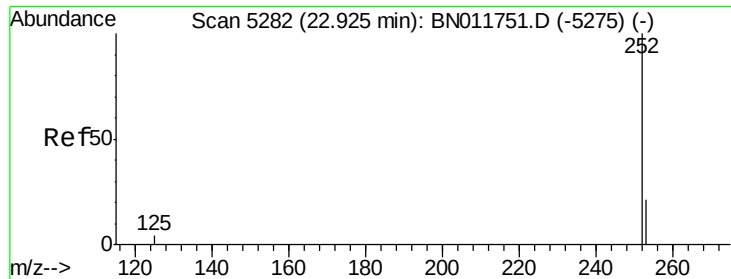
Delta R.T. -0.00 min

Lab File: BN011758.D

Acq: 09 Sep 2020 04:33

Tgt Ion:	252	Resp:	192402
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	50.6
125	10.6	0.0	23.6





#22

Benzo(k)fluoranthene

Concen: 1.351 ng/ul m

RT: 22.92 min Scan# 5281

Delta R.T. -0.00 min

Lab File: BN011758.D

Acq: 09 Sep 2020 04:33

Instrument :

BNA_N

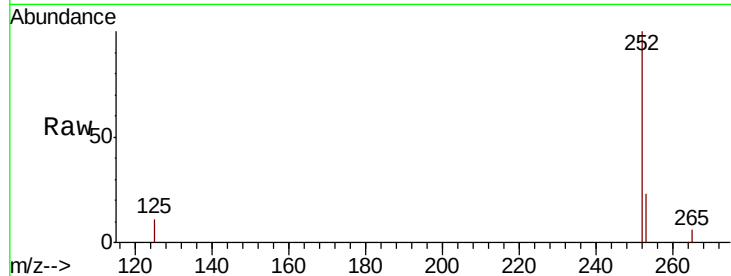
ClientSampled :

C0AC8

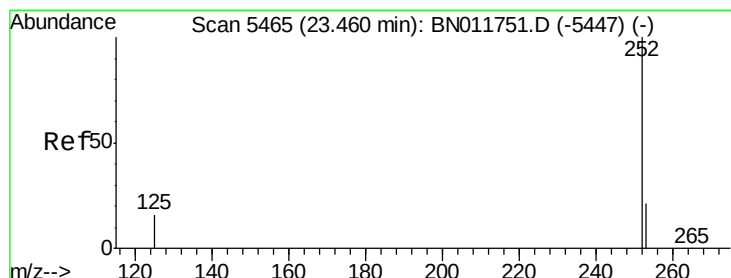
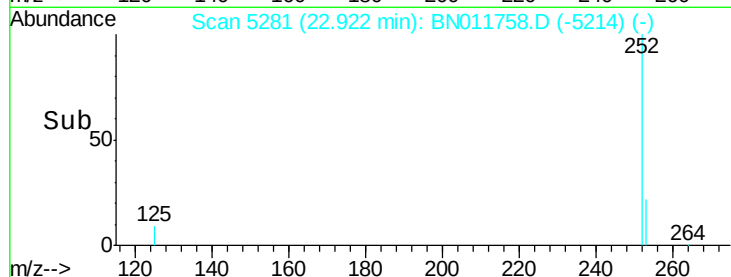
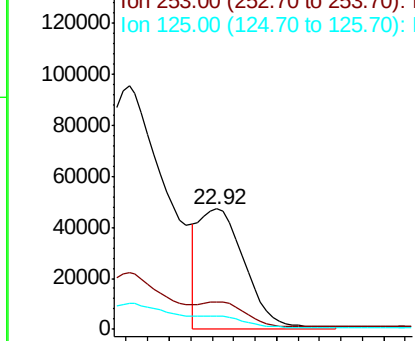
Tot Ion:	252	Resp:	70803
Ion Ratio	Lower	Upper	
252	100		
253	23.1	20.7	31.1
125	11.0	9.7	14.5

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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



#23

Benzo(a)pyrene

Concen: 2.579 ng/ul

RT: 23.46 min Scan# 5464

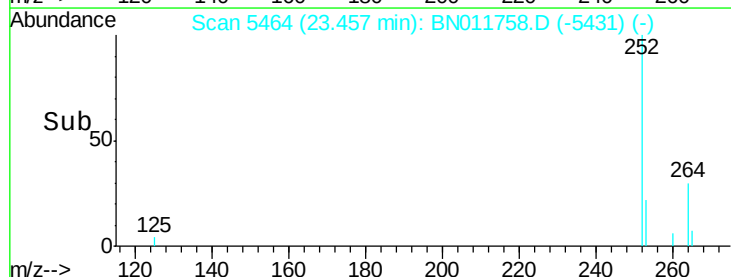
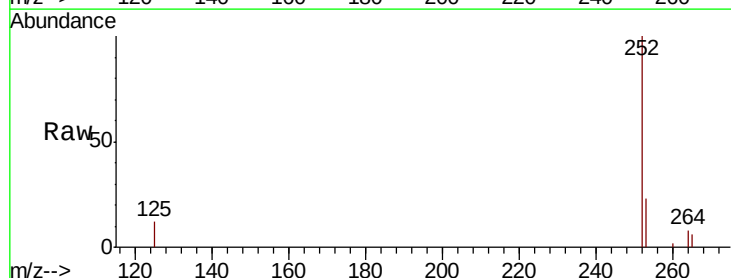
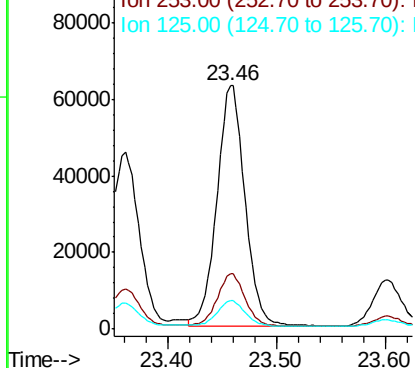
Delta R.T. -0.00 min

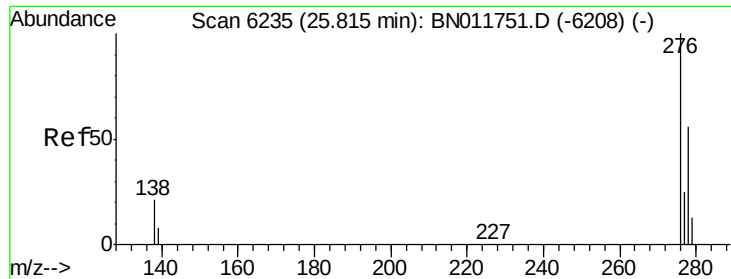
Lab File: BN011758.D

Acq: 09 Sep 2020 04:33

Tgt Ion:	252	Resp:	113794
Ion Ratio	Lower	Upper	
252	100		
253	22.7	21.6	32.4
125	11.7	12.6	18.8#

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





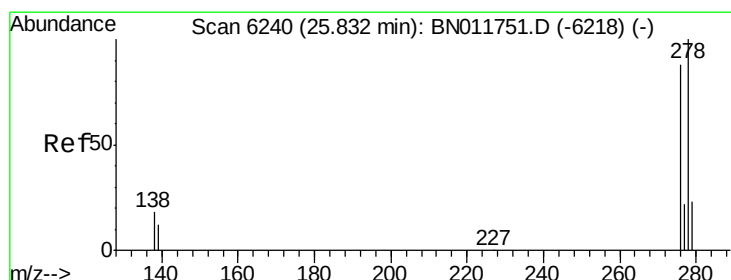
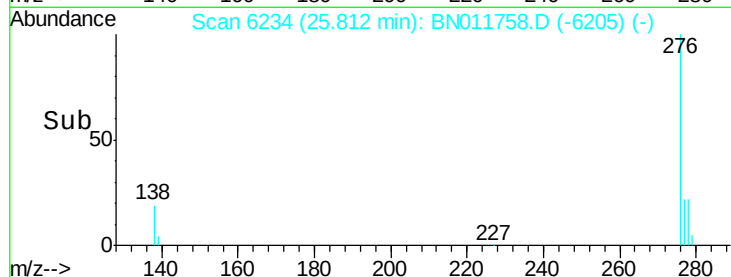
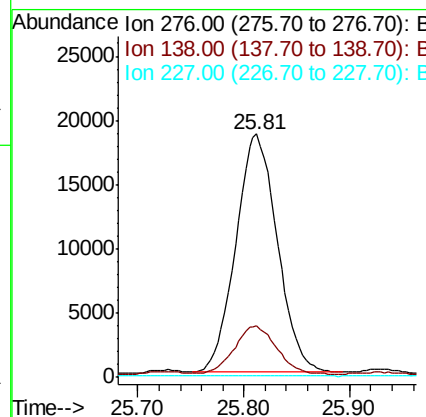
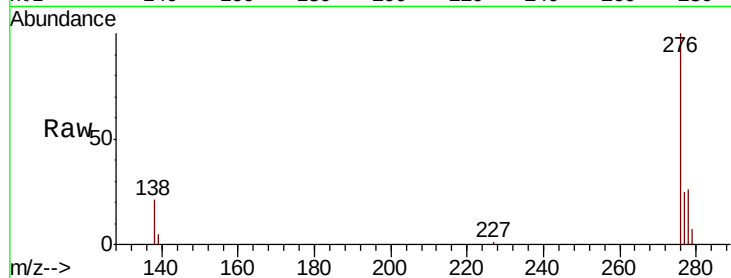
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.870 ng/ul
RT: 25.81 min Scan# 6234
Delta R.T. -0.00 min
Lab File: BN011758.D
Acq: 09 Sep 2020 04:33

Instrument :
BNA_N
ClientSampleId :
C0AC8

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.3	0.0	0.0#
227	0.2	0.1	0.1#

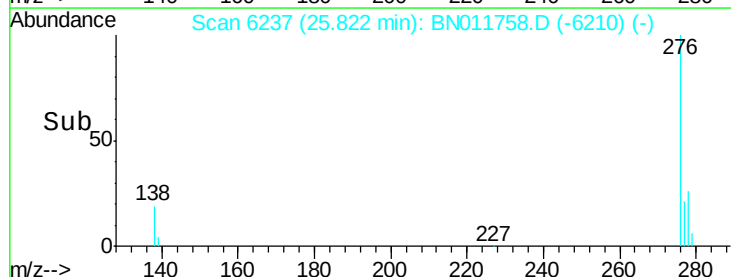
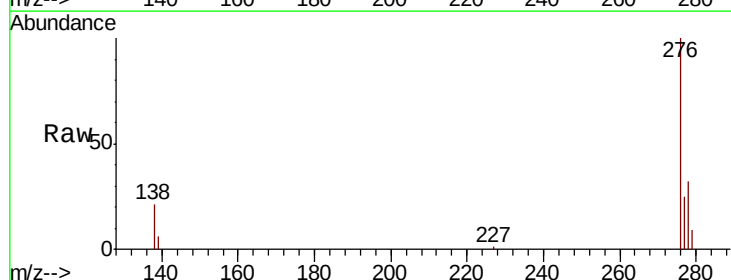
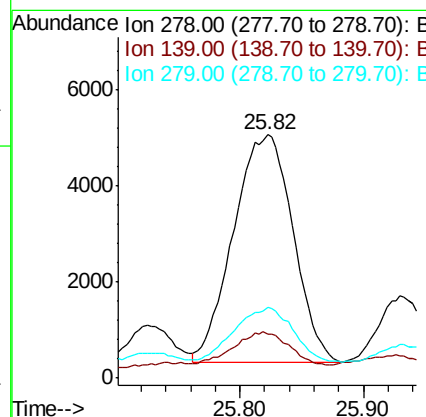
Manual Integrations
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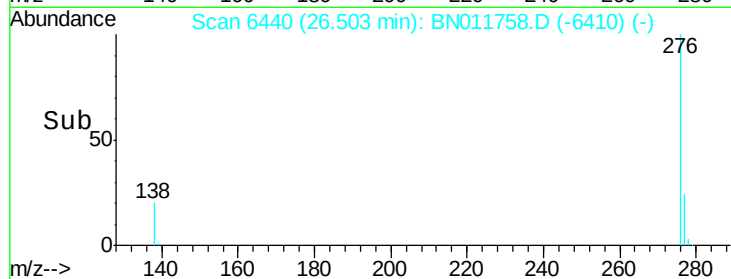
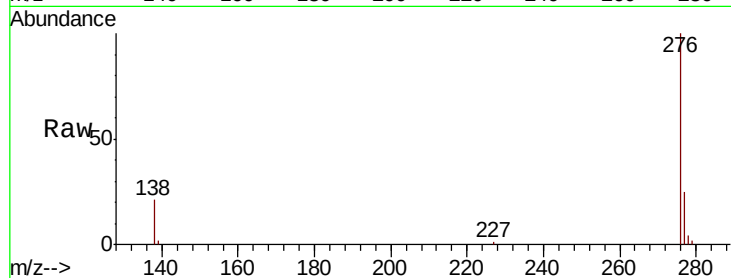
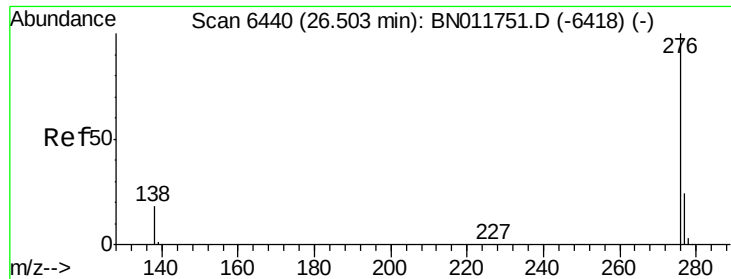
Sohil
9/9/2020 3:46:42 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.333 ng/ul
RT: 25.82 min Scan# 6237
Delta R.T. -0.01 min
Lab File: BN011758.D
Acq: 09 Sep 2020 04:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	18.3	12.4	18.6
279	29.1	21.8	32.6





#26
 Benzo(a,h,i)perylene
 Concen: 0.832 ng/ul
 RT: 26.50 min Scan# 6440
 Delta R.T. 0.00 min
 Lab File: BN011758.D
 Acq: 09 Sep 2020 04:33

Tot Ion:	276	Resp:	42139
Ion Ratio	Lower	Upper	
276	100		
138	21.0	14.7	22.1
277	24.5	19.5	29.3

Instrument :
 BNA_N
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

Sohil
 9/9/2020 3:46:42 PM

