

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003135.D
 Acq On : 12 Oct 2018 10:06
 Operator : MJ/SJ
 Sample : J5234-10DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK8DL

Manual Integrations
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Quant Time: Oct 12 13:24:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 07:27:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1814	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	6958	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	3530	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6147	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5105	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5580	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	551	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1098m	0.06	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	2753	0.154	ng/ul#	94
5) 2-Methylnaphthalene	12.07	142	6057	0.493	ng/ul	98
7) Acenaphthylene	13.98	152	587	0.036	ng/ul#	24
8) Acenaphthene	14.32	153	946	0.077	ng/ul	94
9) Fluorene	15.31	166	4707	0.335	ng/ul#	96
12) Phenanthrene	17.06	178	8256	0.482	ng/ul#	95
13) Anthracene	17.15	178	2022	0.125	ng/ul#	84
15) Fluoranthene	19.09	202	4115	0.205	ng/ul	89
17) Pyrene	19.45	202	4919	0.248	ng/ul	96
18) Benzo(a)anthracene	21.21	228	1037	0.063	ng/ul#	46
19) Chrysene	21.26	228	1551	0.093	ng/ul#	61
21) Benzo(b)fluoranthene	22.78	252	1489m	0.074	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	466m	0.022	ng/ul	
23) Benzo(a)pyrene	23.34	252	974	0.054	ng/ul#	21
24) Indeno(1,2,3-cd)pyrene	25.66	276	801	0.039	ng/ul#	99
26) Benzo(a,h,i)perylene	26.34	276	703	0.040	ng/ul#	42

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

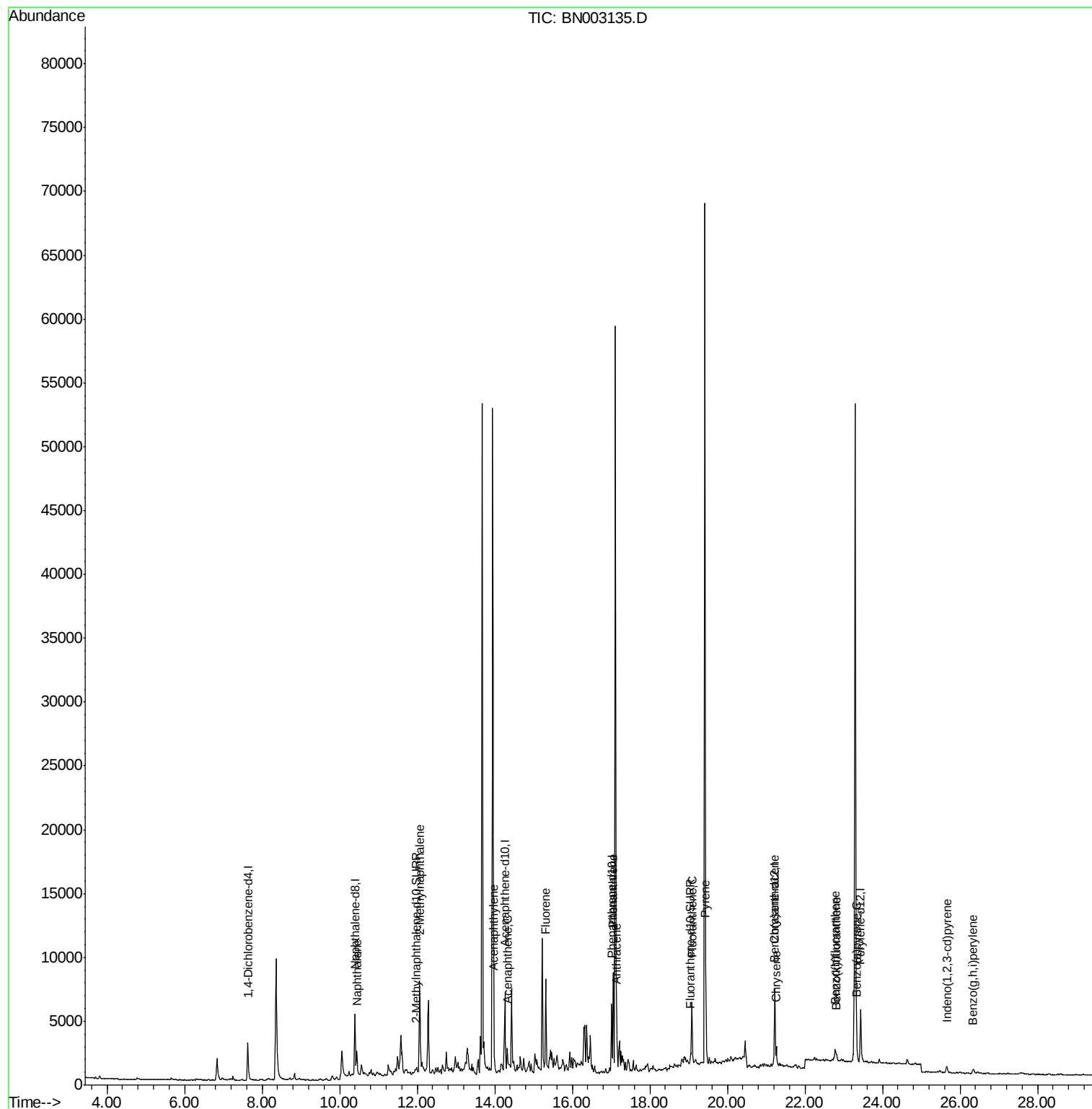
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003135.D
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Sample : J5234-10DL 5X
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ALS Vial : 36 Sample Multiplier: 1

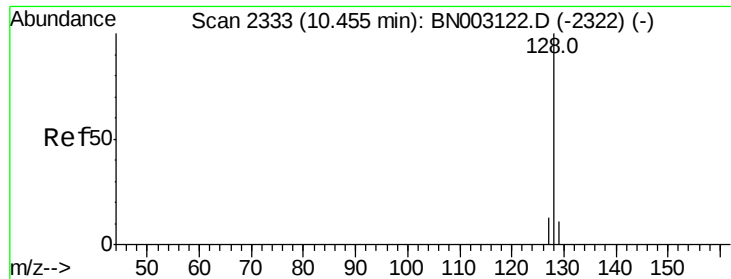
Instrument :
BNA_N
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Quant Time: Oct 12 13:24:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 07:27:48 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.154 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN003135.D

Acq: 12 Oct 2018 10:06

Instrument :

BNA_N

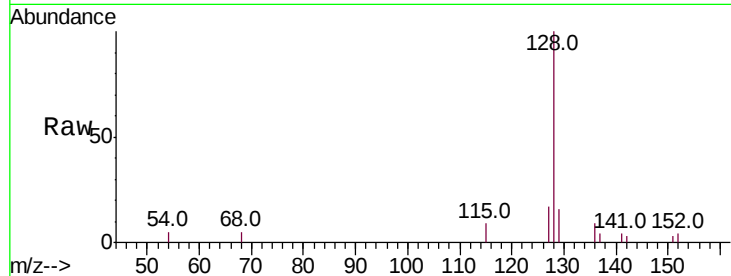
ClientSampleId :

C0AK8DL

Tot Ion:	128	Resp:	2753
Ion Ratio	Lower	Upper	
128	100		
129	16.1	10.4	15.6#
127	16.7	11.7	17.5

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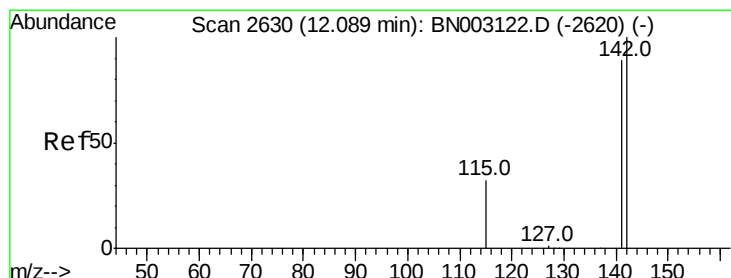
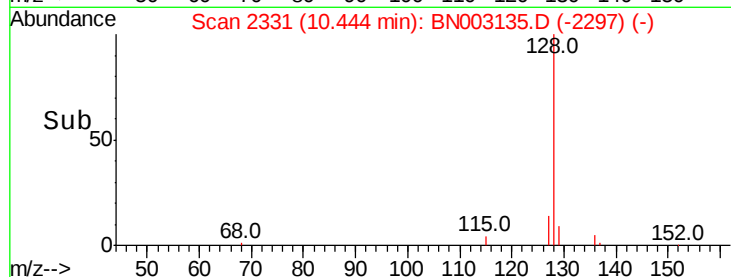
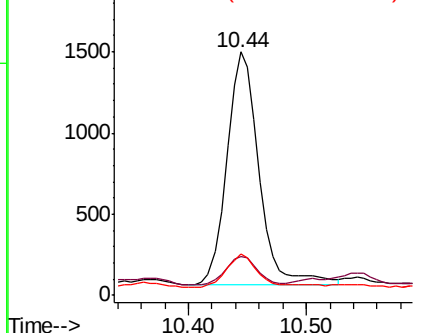
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.493 ng/ul

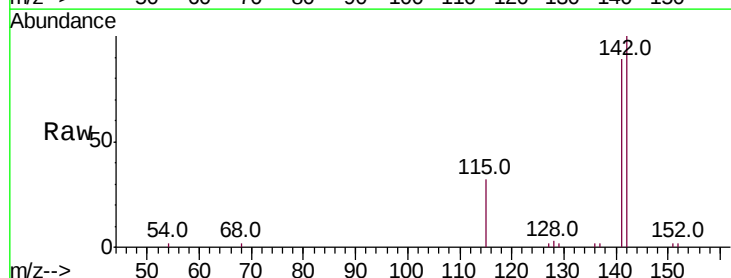
RT: 12.07 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BN003135.D

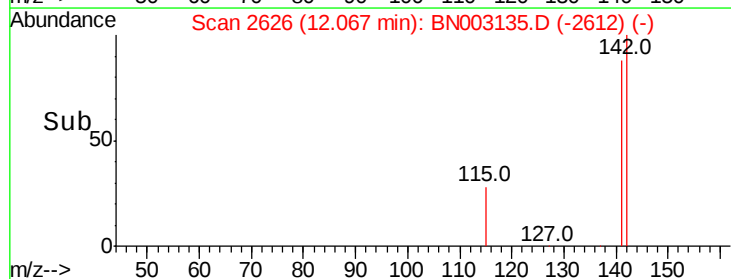
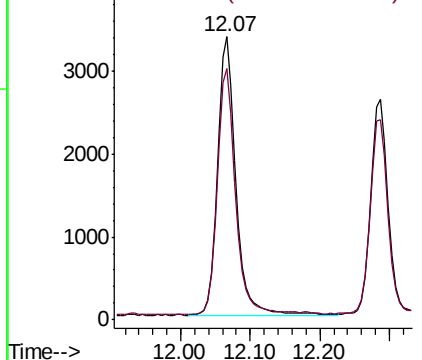
Acq: 12 Oct 2018 10:06

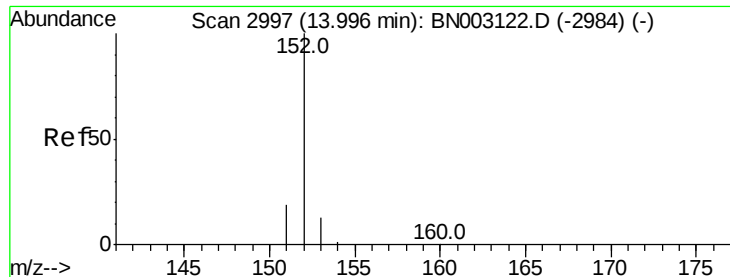
Tgt Ion:	142	Resp:	6057
Ion Ratio	Lower	Upper	
142	100		
141	89.8	73.4	110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003135.D

Acq: 12 Oct 2018 10:06

Instrument :

BNA_N

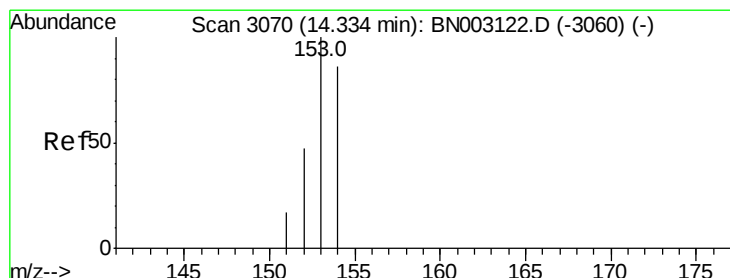
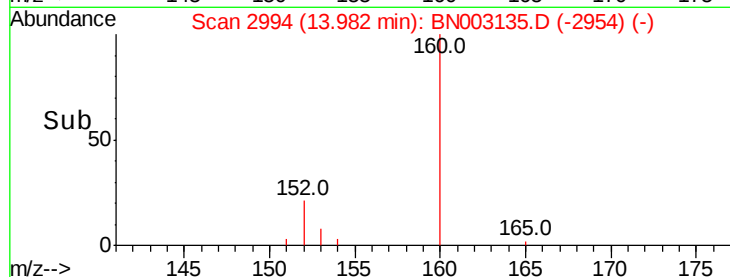
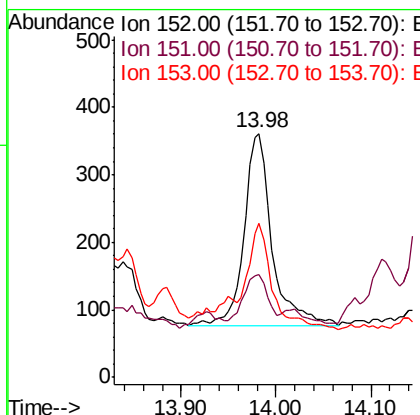
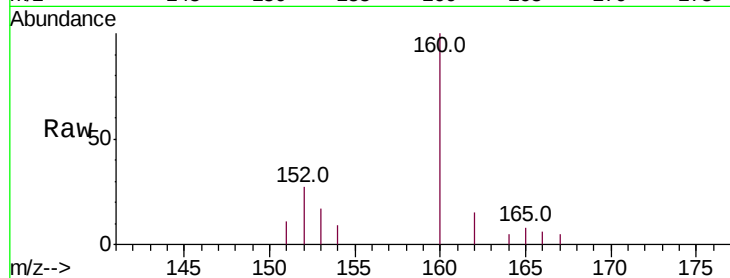
ClientSampled :

C0AK8DL

Tot Ion:	152	Resp:	587
Ion Ratio	Lower	Upper	
152	100		
151	42.1	16.5	24.7#
153	63.2	11.4	17.2#

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#8

Acenaphthene

Concen: 0.077 ng/ul

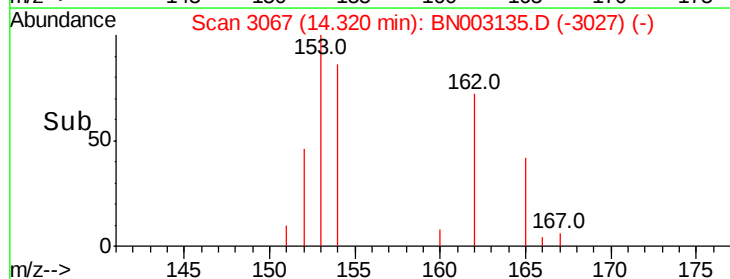
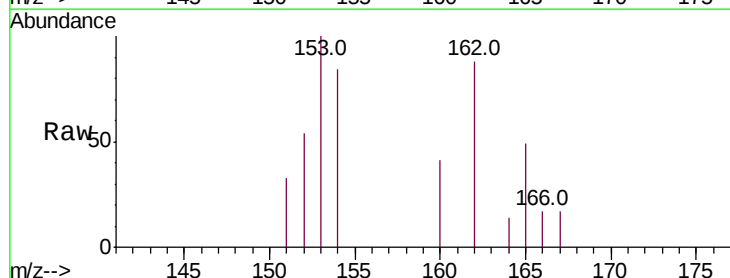
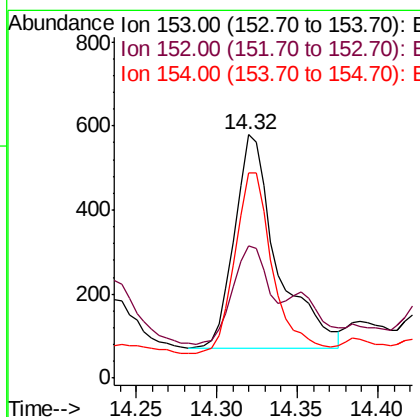
RT: 14.32 min Scan# 3067

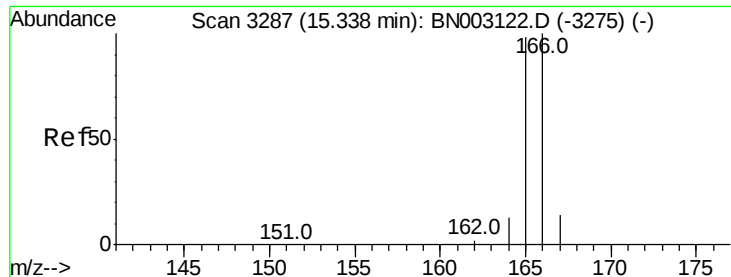
Delta R.T. -0.01 min

Lab File: BN003135.D

Acq: 12 Oct 2018 10:06

Tgt Ion:	153	Resp:	946
Ion Ratio	Lower	Upper	
153	100		
152	54.4	38.2	57.4
154	84.1	70.2	105.2





#9

Fluorene

Concen: 0.335 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.02 min

Lab File: BN003135.D

Acq: 12 Oct 2018 10:06

Instrument :

BNA_N

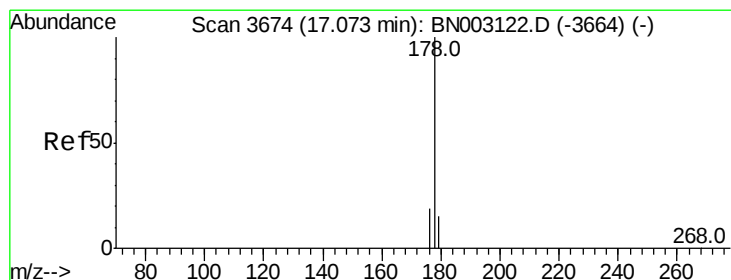
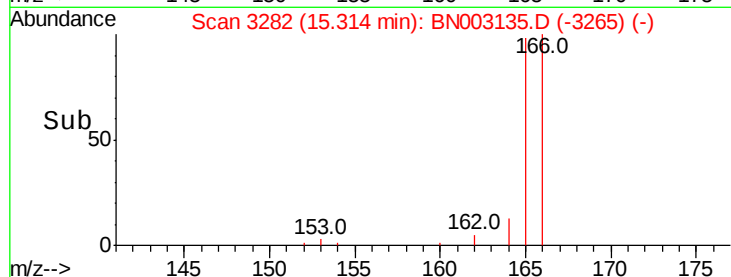
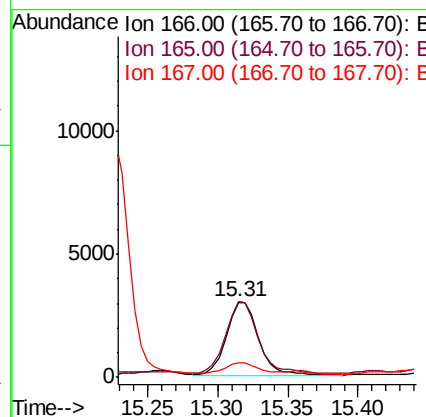
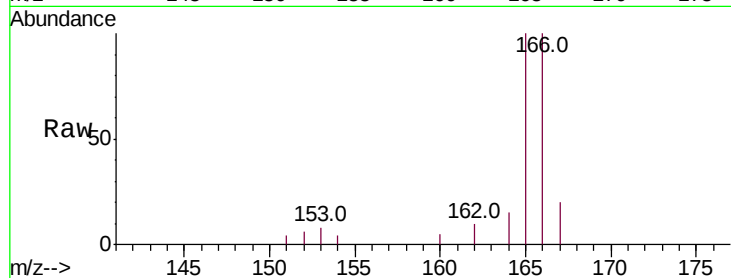
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.5	117.7
167	19.7	11.6	17.4

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#12

Phenanthrene

Concen: 0.482 ng/ul

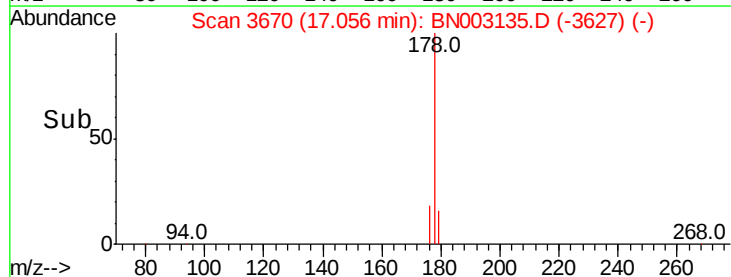
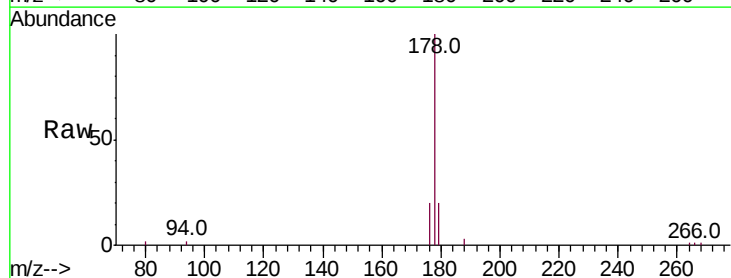
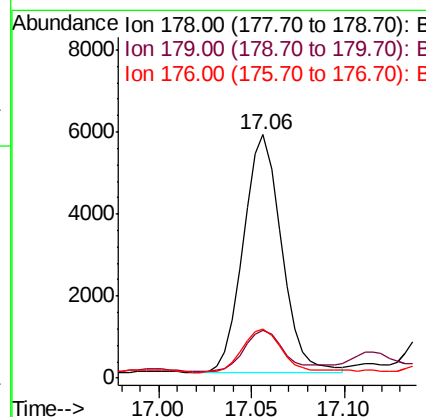
RT: 17.06 min Scan# 3670

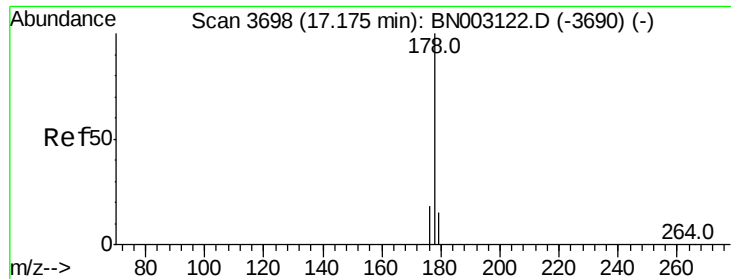
Delta R.T. -0.02 min

Lab File: BN003135.D

Acq: 12 Oct 2018 10:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.7	12.9	19.3
176	20.0	15.4	23.2





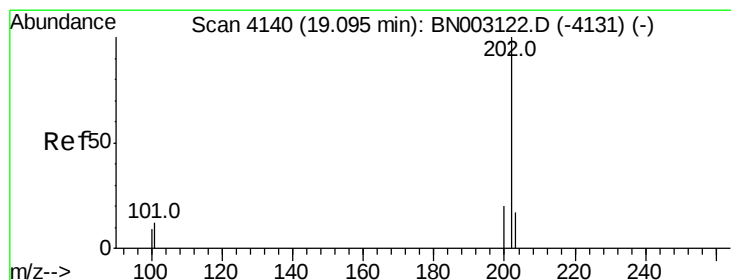
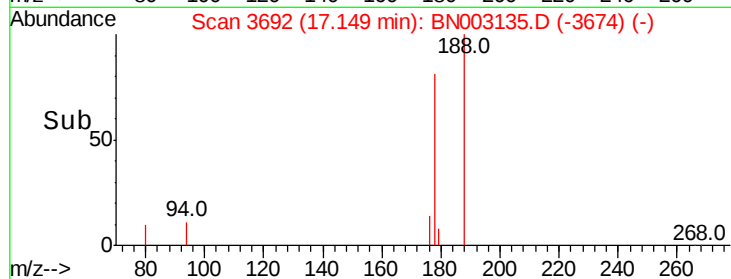
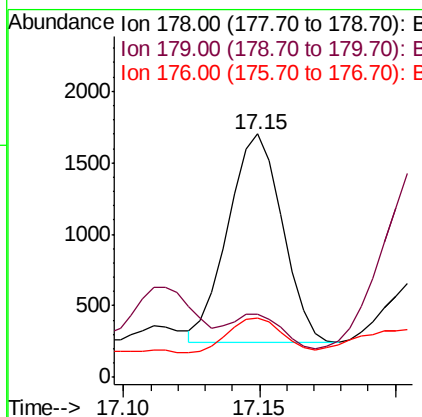
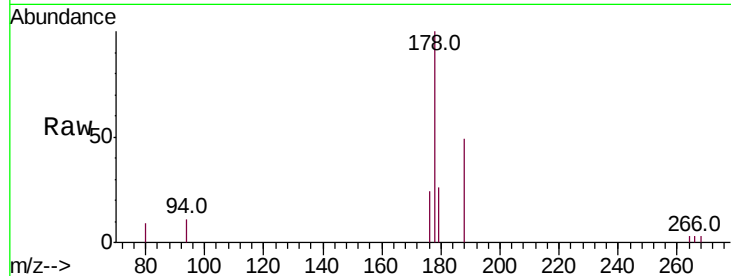
#13
 Anthracene
 Concen: 0.125 ng/ul
 RT: 17.15 min Scan# 3692
 Delta R.T. -0.03 min
 Lab File: BN003135.D
 Acq: 12 Oct 2018 10:06

Instrument :
 BNA_N
 ClientSampleId :
 C0AK8DL

Tot Ion:178	Resp:	2022
Ion Ratio	Lower	Upper
178	100	
179	25.7	13.0 19.6#
176	24.3	15.3 22.9#

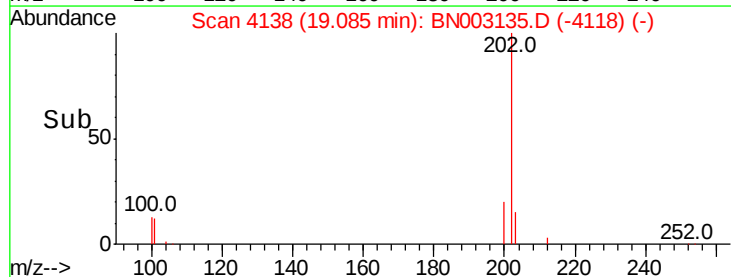
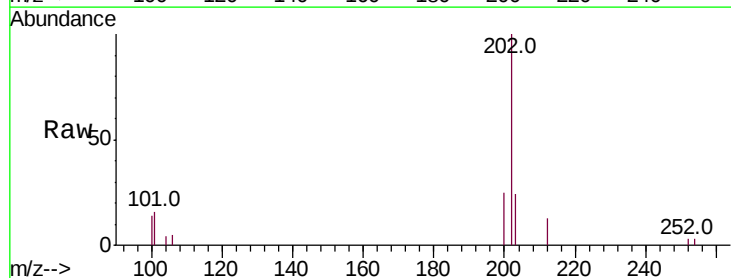
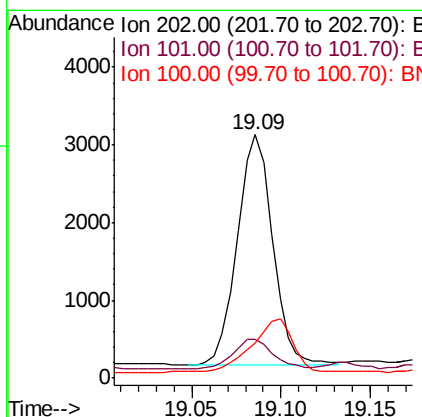
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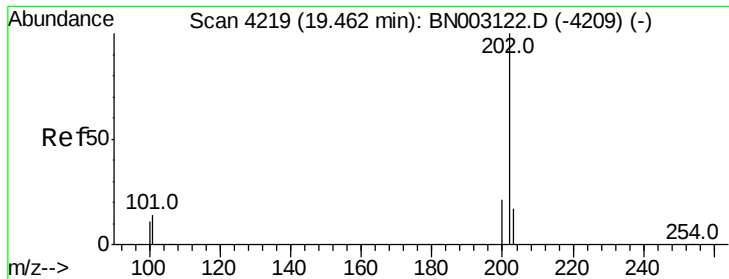
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#15
 Fluoranthene
 Concen: 0.205 ng/ul
 RT: 19.09 min Scan# 4138
 Delta R.T. -0.01 min
 Lab File: BN003135.D
 Acq: 12 Oct 2018 10:06

Tgt Ion:202	Resp:	4115
Ion Ratio	Lower	Upper
202	100	
101	15.8	0.0 32.3
100	14.5	0.0 29.1





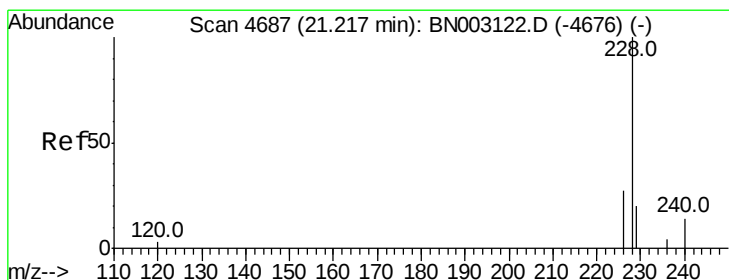
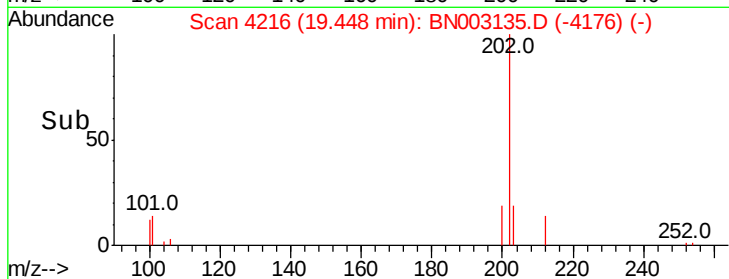
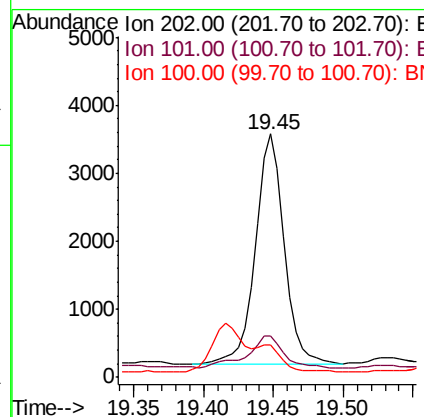
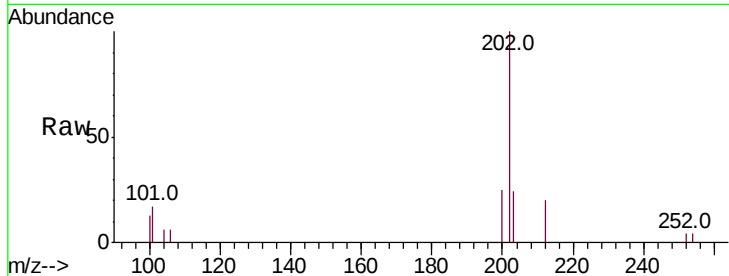
#17
Pvrene
Concen: 0.248 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003135.D
Acq: 12 Oct 2018 10:06

Instrument :
BNA_N
ClientSampleId :
C0AK8DL

Tot Ion:	202	Resp:	4919
Ion Ratio	Lower	Upper	
202	100		
101	16.9	11.9	17.9
100	13.2	9.9	14.9

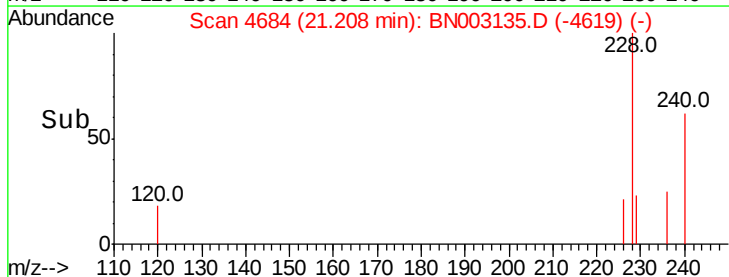
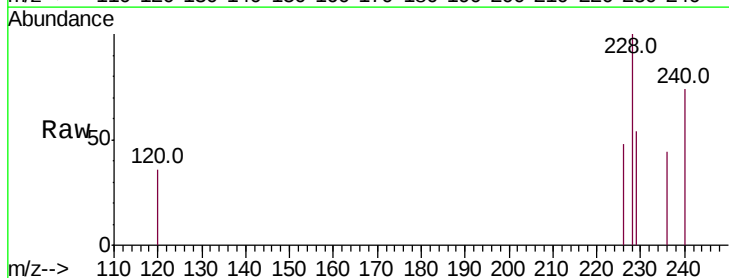
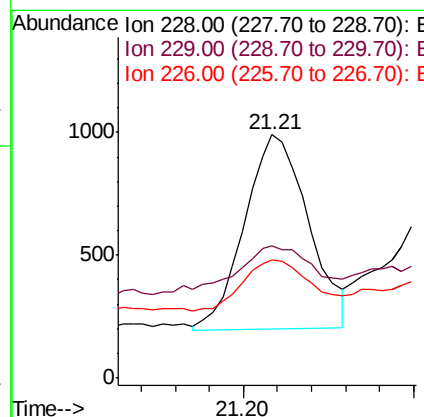
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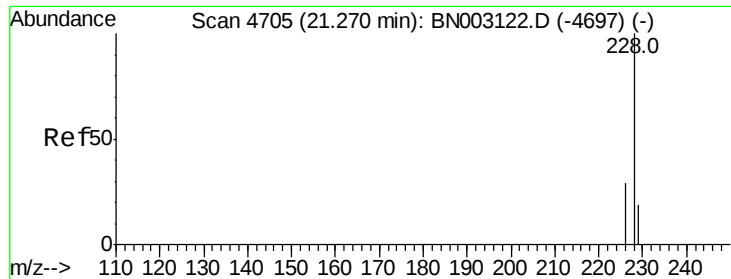
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#18
Benzo(a)anthracene
Concen: 0.063 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003135.D
Acq: 12 Oct 2018 10:06

Tgt Ion:	228	Resp:	1037
Ion Ratio	Lower	Upper	
228	100		
229	54.3	16.2	24.2#
226	48.4	22.3	33.5#





#19

Chrysene

Concen: 0.093 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003135.D

Acq: 12 Oct 2018 10:06

Instrument :

BNA_N

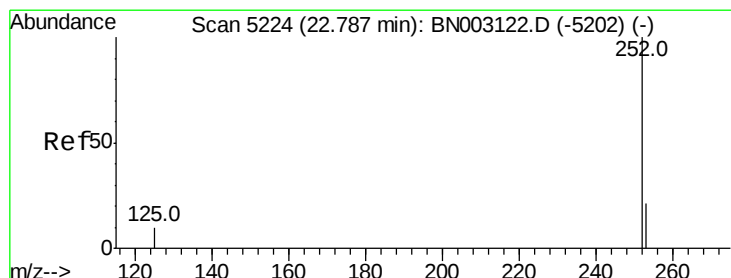
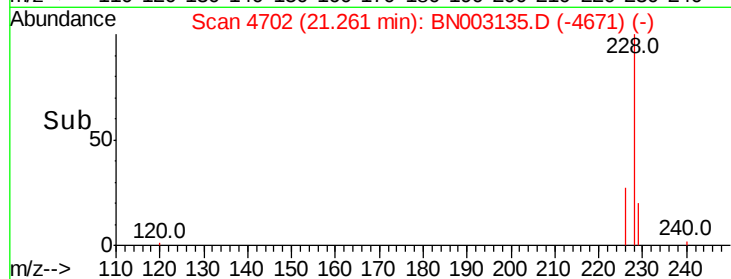
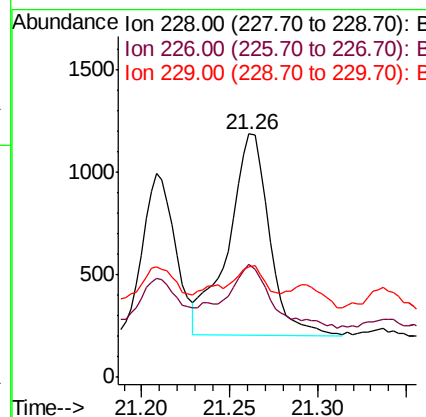
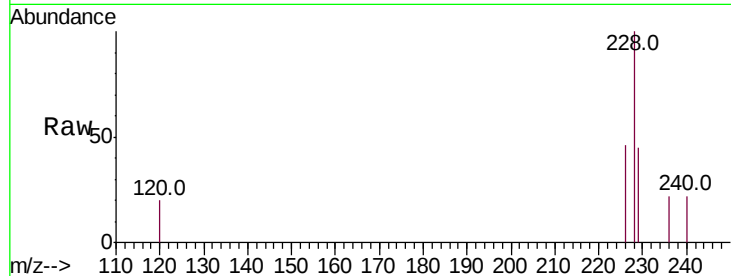
ClientSampled :

C0AK8DL

Tot Ion:	228	Resp:	1551
Ion Ratio	Lower	Upper	
228	100		
226	46.2	24.2	36.4#
229	45.3	16.7	25.1#

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#21

Benzo(b)fluoranthene

Concen: 0.074 ng/ul m

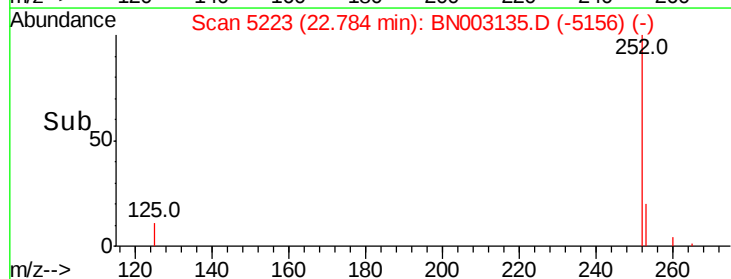
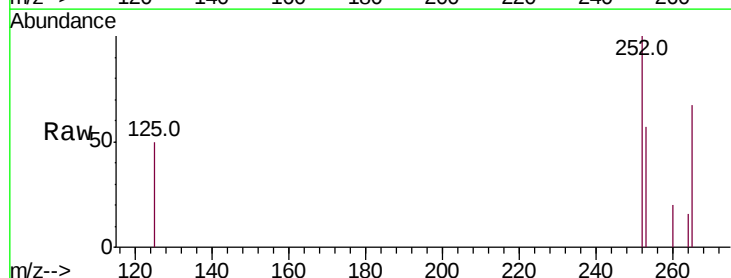
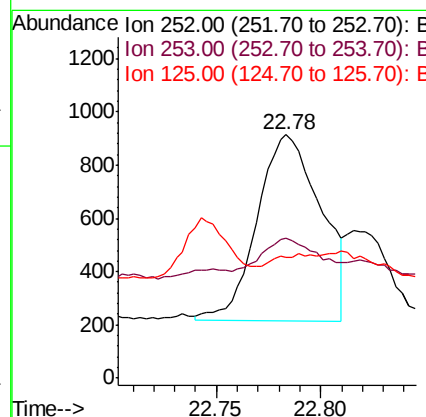
RT: 22.78 min Scan# 5223

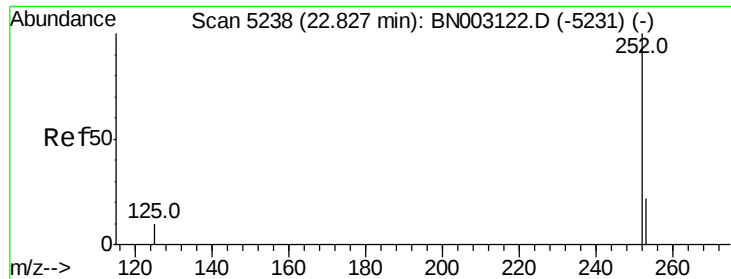
Delta R.T. -0.00 min

Lab File: BN003135.D

Acq: 12 Oct 2018 10:06

Tgt Ion:	252	Resp:	1489
Ion Ratio	Lower	Upper	
252	100		
253	57.4	0.0	53.2#
125	49.8	0.0	34.2#





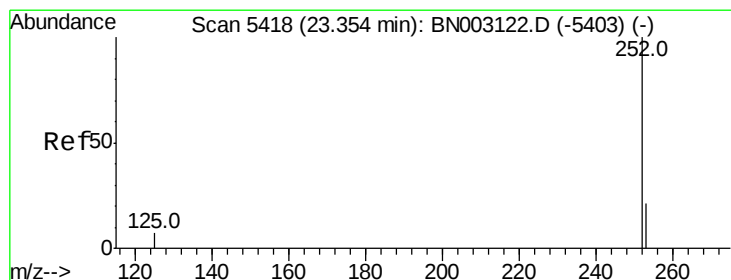
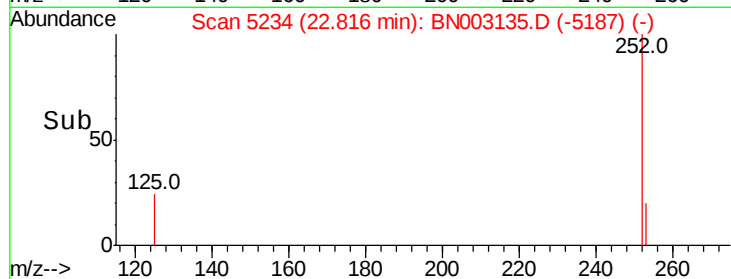
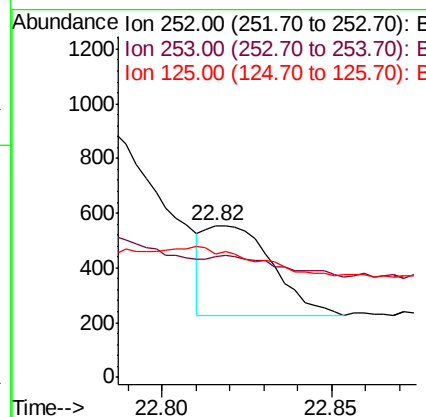
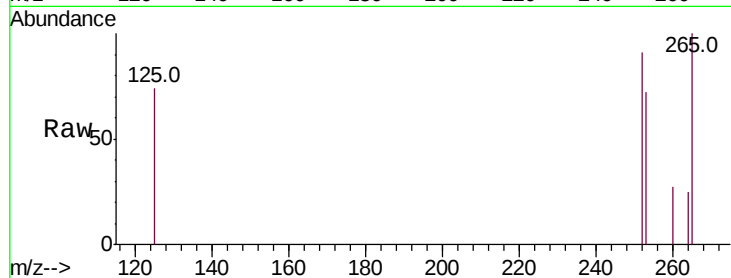
#22
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN003135.D
Acq: 12 Oct 2018 10:06

Instrument :
BNA_N
ClientSampleId :
C0AK8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	79.2	21.3	31.9#
125	81.4	14.1	21.1#

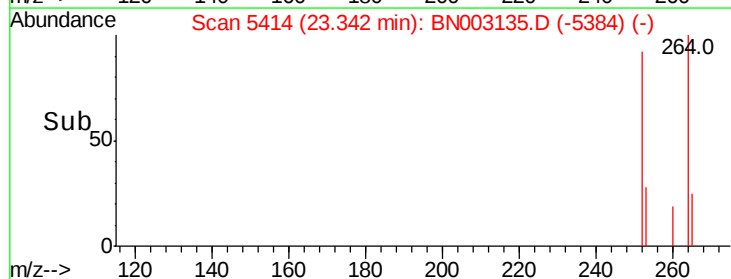
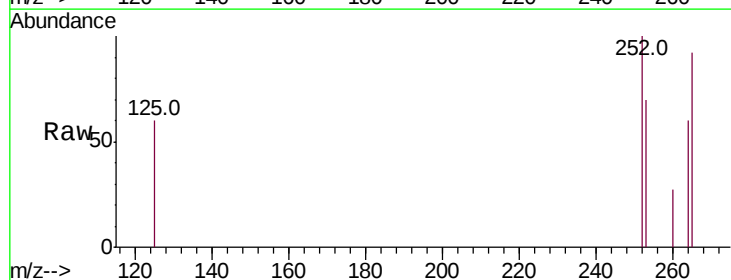
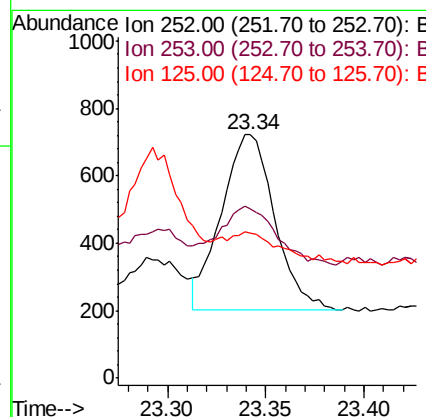
Manual Integrations
APPROVED

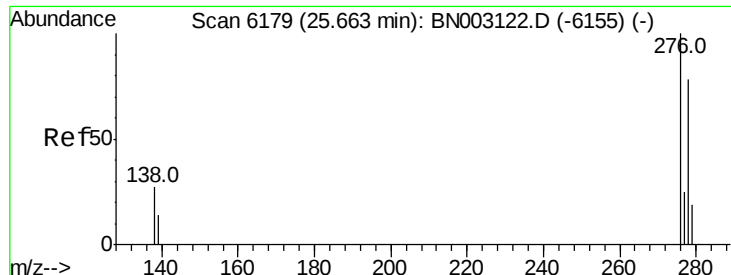
Sohil
10/12/2018 6:38:47 PM



#23
Benzo(a)pyrene
Concen: 0.054 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.01 min
Lab File: BN003135.D
Acq: 12 Oct 2018 10:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	69.8	23.1	34.7#
125	59.6	16.9	25.3#





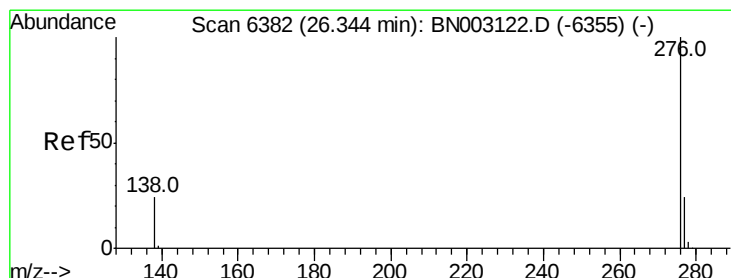
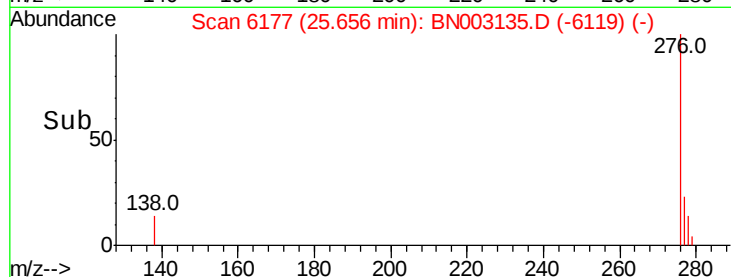
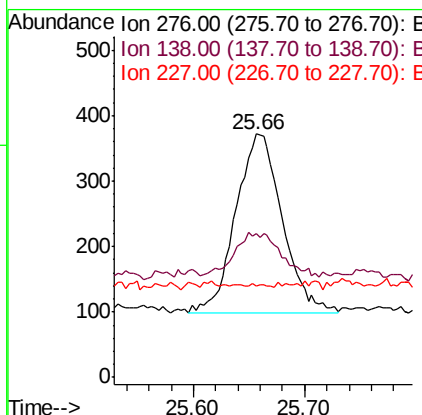
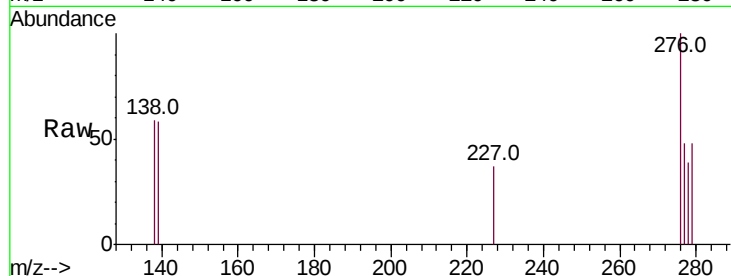
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.039 ng/u1
 RT: 25.66 min Scan# 6177
 Delta R.T. -0.01 min
 Lab File: BN003135.D
 Acq: 12 Oct 2018 10:06

Instrument :
 BNA_N
 ClientSampled :
 C0AK8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.5	32.3
227	0.0	0.3	0.5

Manual Integrations
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#26
 Benzo(g,h,i)perylene
 Concen: 0.040 ng/u1
 RT: 26.34 min Scan# 6380
 Delta R.T. -0.01 min
 Lab File: BN003135.D
 Acq: 12 Oct 2018 10:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	64.5	23.0	34.4
277	52.3	22.0	33.0

