

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
 Data File : BN008346.D
 Acq On : 23 Oct 2019 11:59
 Operator : JU
 Sample : K5308-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2J21

Manual Integrations
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mohammad
 10/24/2019 8:06:27 AM

Quant Time: Oct 23 12:36:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 11:09:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1359	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	6483	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	4468	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	8832	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	7884	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	6955	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3662	0.33	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	10318	0.34	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	7840	0.425	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	11093	0.876	ng/ul	100
7) Acenaphthylene	13.93	152	10512	0.494	ng/ul	100
8) Acenaphthene	14.27	153	20107	1.215	ng/ul	98
11) Pentachlorophenol	16.64	266	1617	0.757	ng/ul	99
12) Phenanthrene	17.01	178	15279m	0.591	ng/ul	
15) Fluoranthene	19.03	202	29693	0.869	ng/ul	97
17) Pyrene	19.40	202	24535	0.782	ng/ul	100
18) Benzo(a)anthracene	21.16	228	14404	0.503	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	18203	0.804	ng/ul	96
22) Benzo(k)fluoranthene	22.75	252	23605	0.920	ng/ul	95
23) Benzo(a)pyrene	23.26	252	11193	0.470	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.50	276	17857	0.636	ng/ul	91
25) Dibenzo(a,h)anthracene	25.51	278	17924	0.808	ng/ul	96
26) Benzo(g,h,i)perylene	26.16	276	19655	0.764	ng/ul	98

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

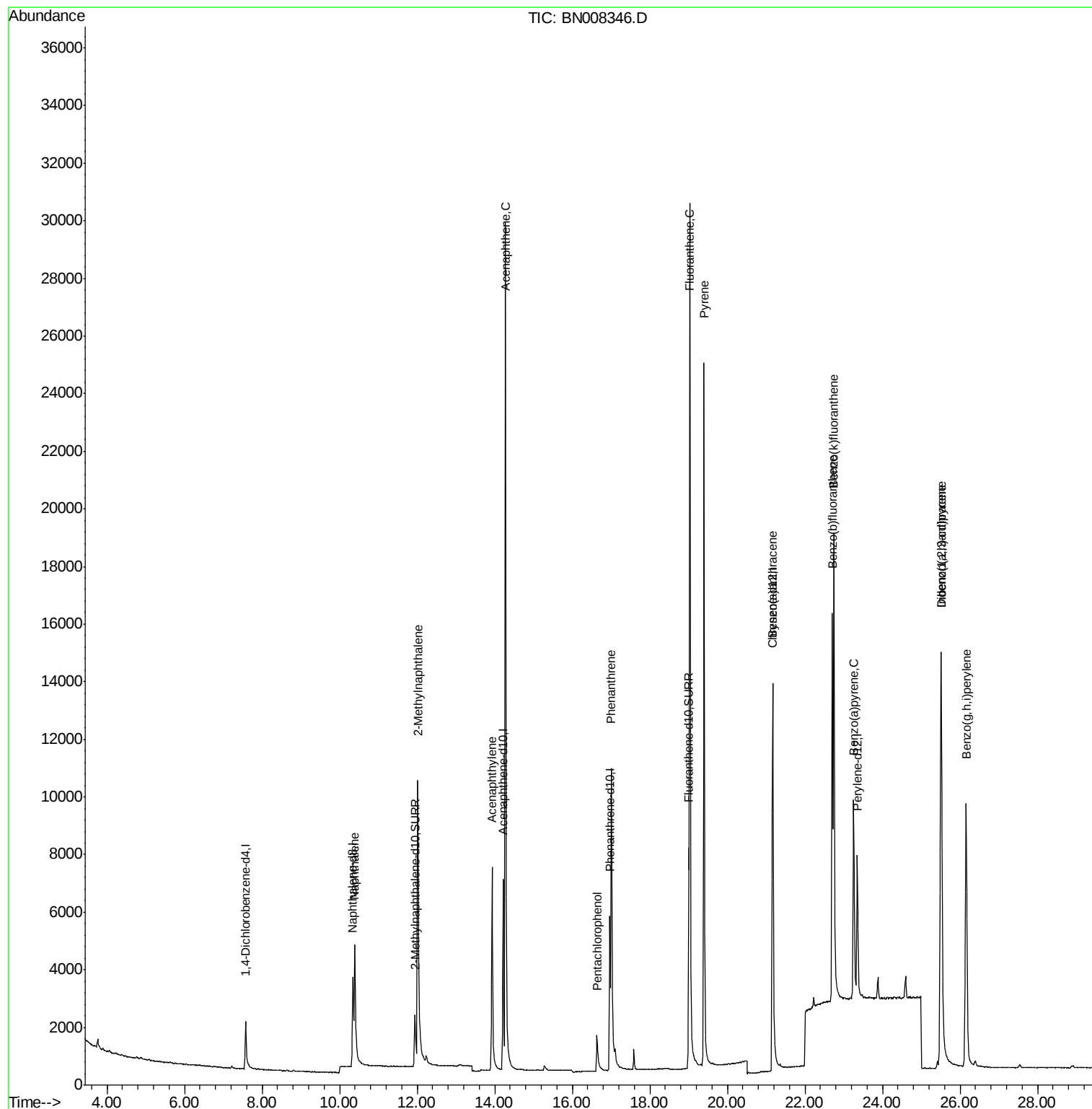
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
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ALS Vial : 40 Sample Multiplier: 1

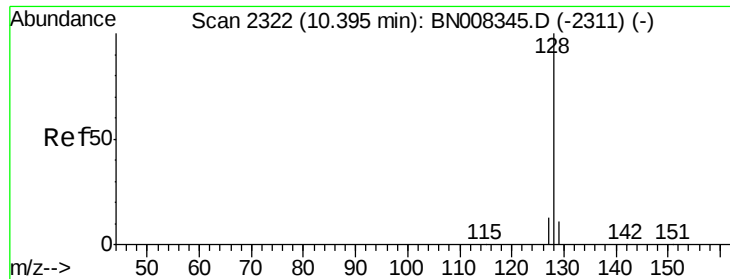
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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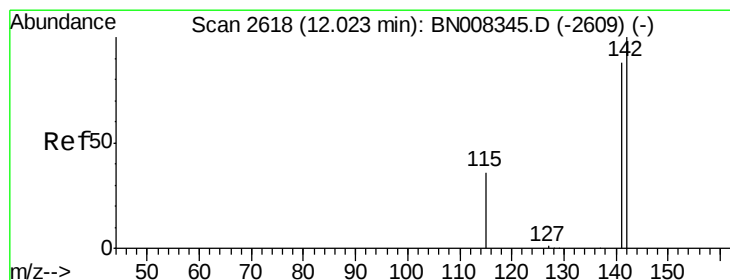
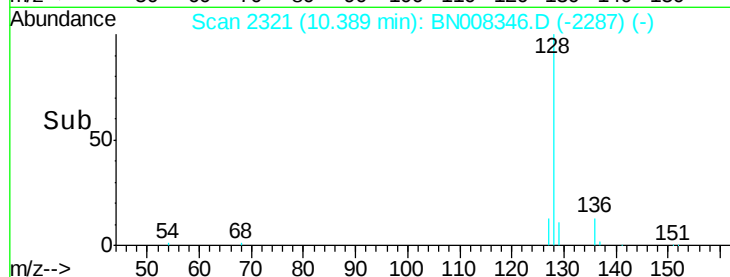
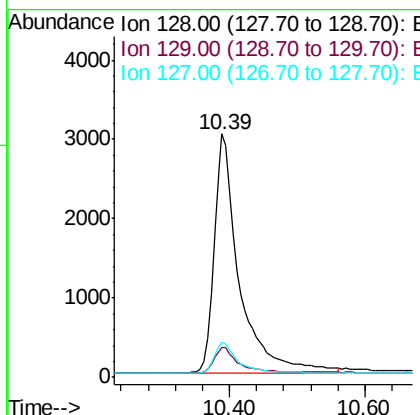
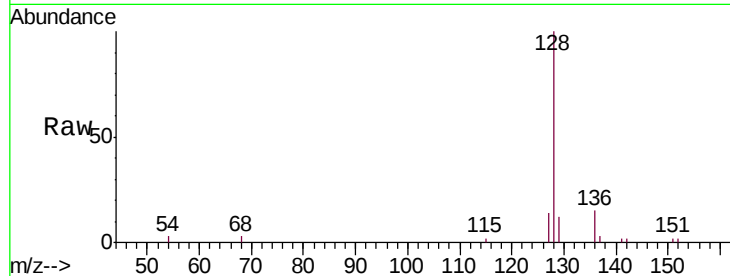
#3
Naphthalene
Concen: 0.425 ng/ul
RT: 10.39 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BN008346.D
Acq: 23 Oct 2019 11:59

Instrument :
BNA_N
ClientSampleId :
X2J21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.8
127	14.2	11.1	16.7

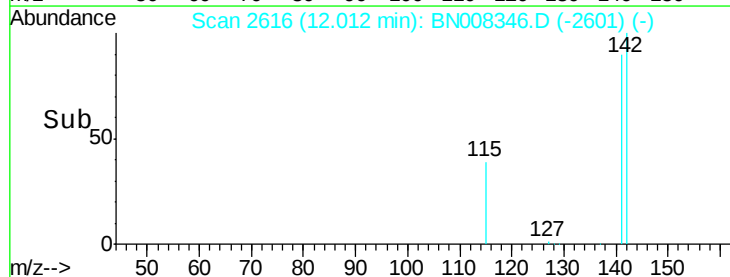
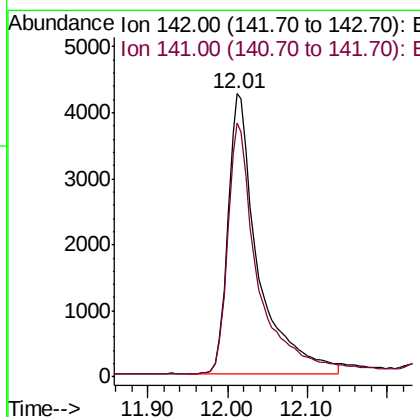
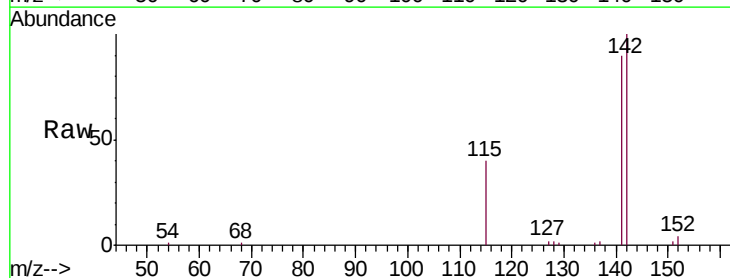
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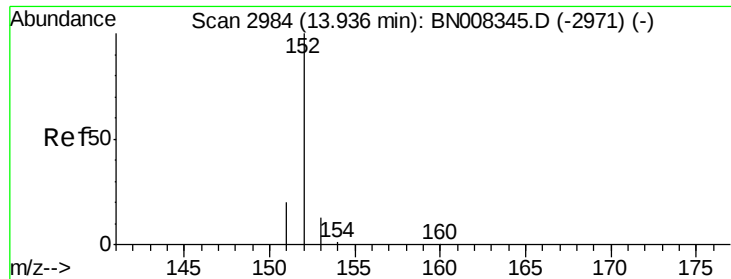
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#5
2-Methylnaphthalene
Concen: 0.876 ng/ul
RT: 12.01 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BN008346.D
Acq: 23 Oct 2019 11:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2





#7

Acenaphthylene

Concen: 0.494 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008346.D

Acq: 23 Oct 2019 11:59

Instrument :

BNA_N

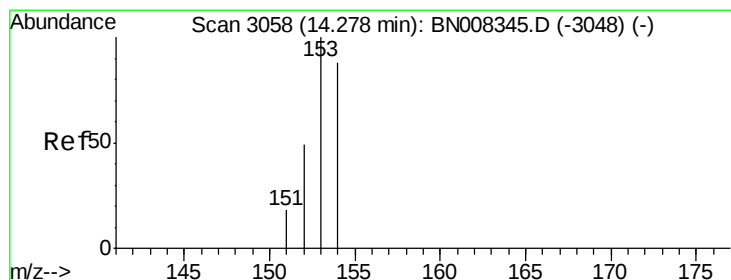
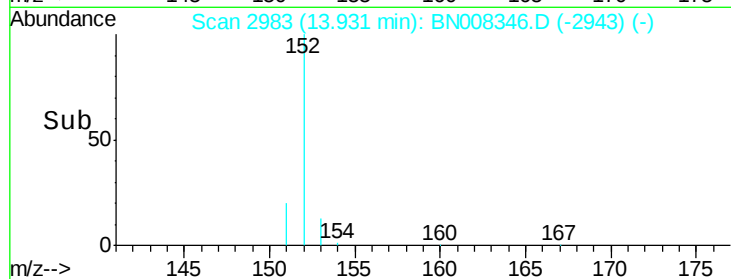
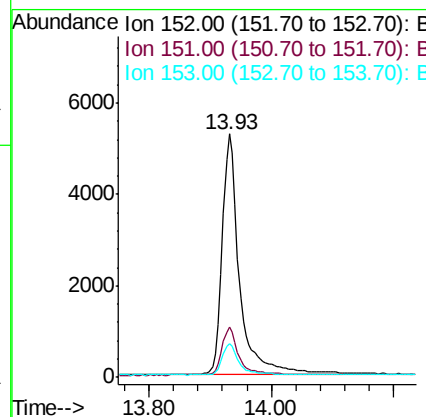
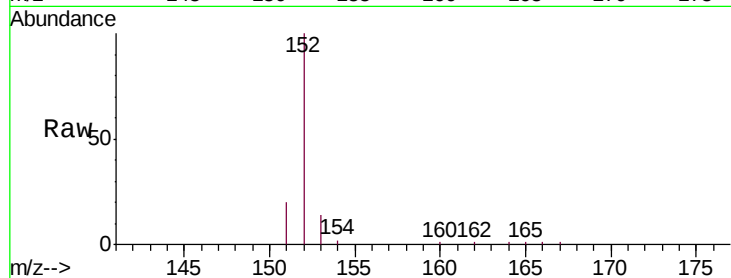
ClientSampleId :

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Tgt Ion:	152	Resp:	10512
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.9	11.0	16.4

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#8

Acenaphthene

Concen: 1.215 ng/ul

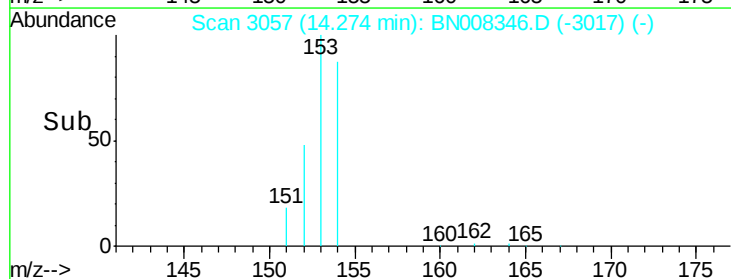
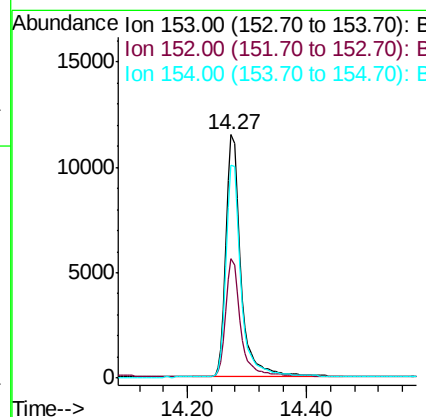
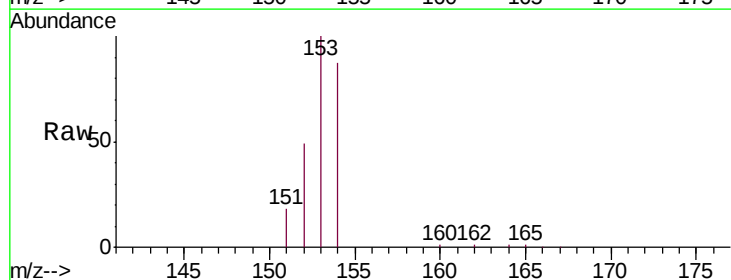
RT: 14.27 min Scan# 3057

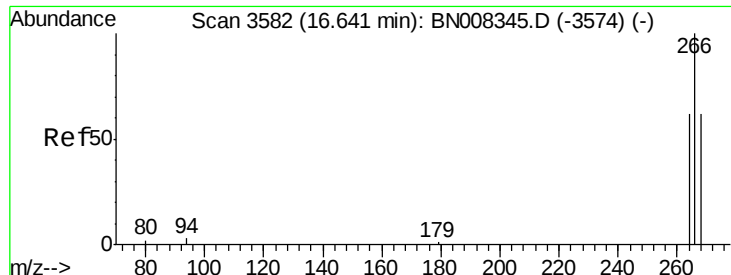
Delta R.T. -0.01 min

Lab File: BN008346.D

Acq: 23 Oct 2019 11:59

Tgt Ion:	153	Resp:	20107
Ion Ratio	Lower	Upper	
153	100		
152	49.1	38.2	57.2
154	87.3	71.8	107.8





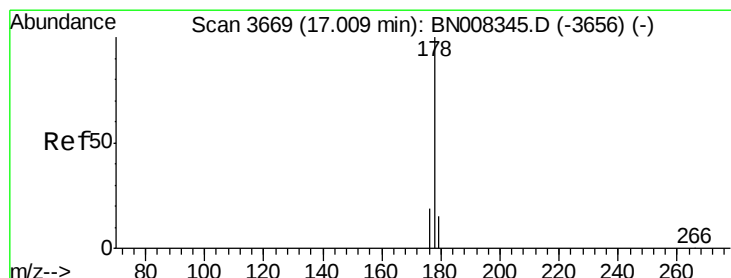
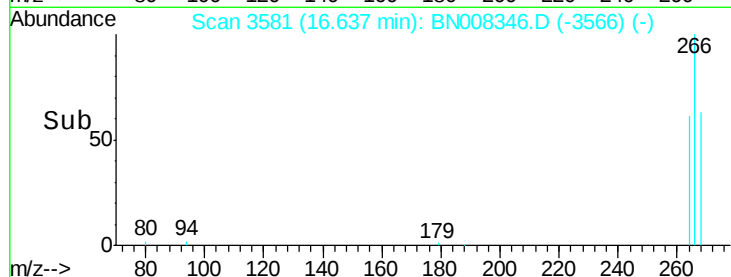
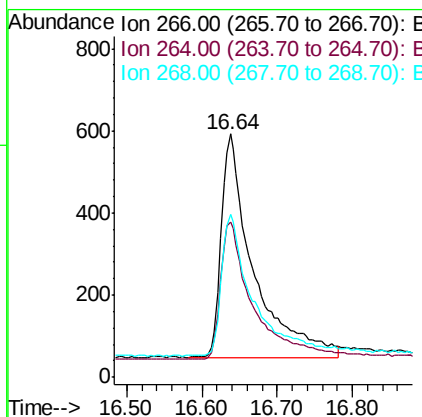
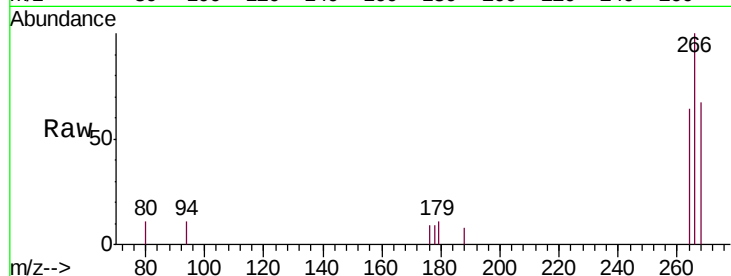
#11
 Pentachlorophenol
 Concen: 0.757 ng/ul
 RT: 16.64 min Scan# 3581
 Delta R.T. -0.04 min
 Lab File: BN008346.D
 Acq: 23 Oct 2019 11:59

Instrument :
 BNA_N
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 X2J21

Tgt Ion:	266	Resp:	1617
Ion Ratio	Lower	Upper	
266	100		
264	62.5	50.1	75.1
268	64.1	51.9	77.9

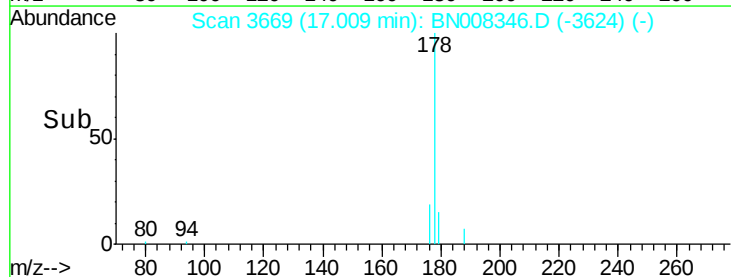
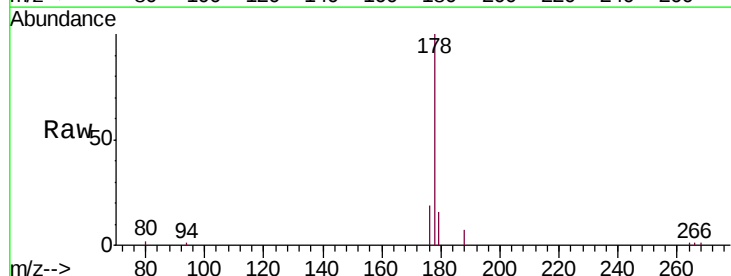
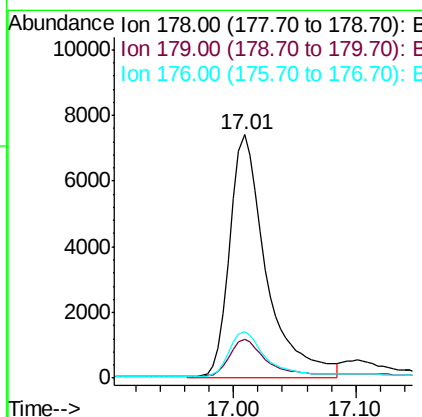
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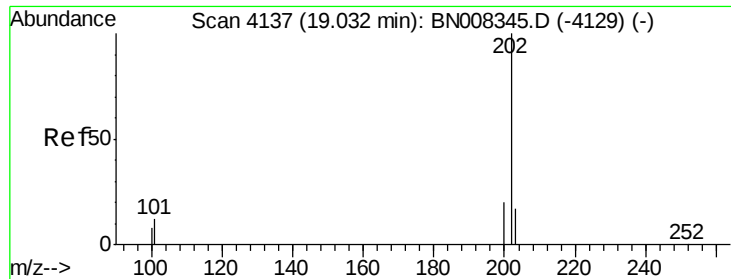
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#12
 Phenanthrene
 Concen: 0.591 ng/ul m
 RT: 17.01 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BN008346.D
 Acq: 23 Oct 2019 11:59

Tgt Ion:	178	Resp:	15279
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.8	19.2
176	19.2	15.4	23.2





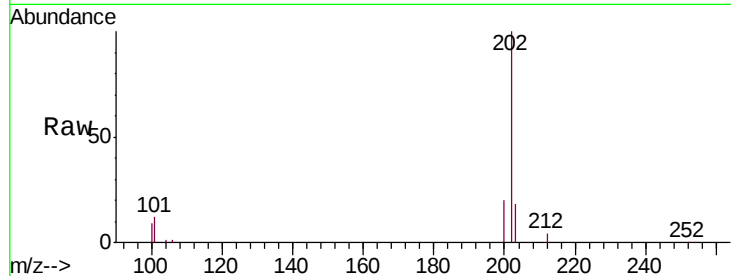
#15
Fluoranthene
Concen: 0.869 ng/ul
RT: 19.03 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN008346.D
Acq: 23 Oct 2019 11:59

Instrument :
BNA_N
ClientSampleId :
X2J21

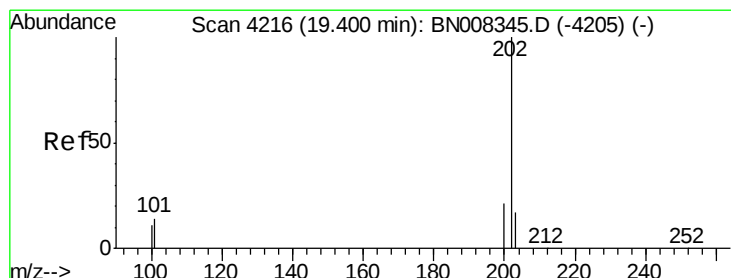
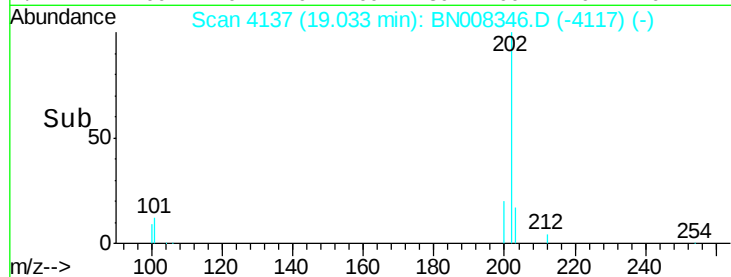
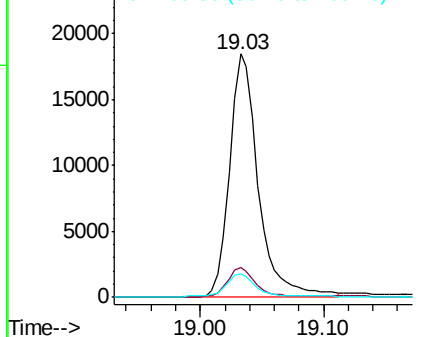
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	0.0	31.2
100	9.4	0.0	28.5

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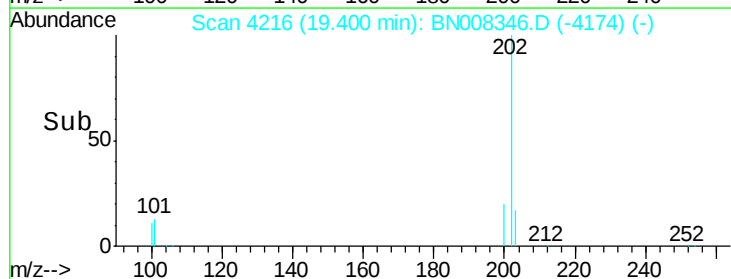
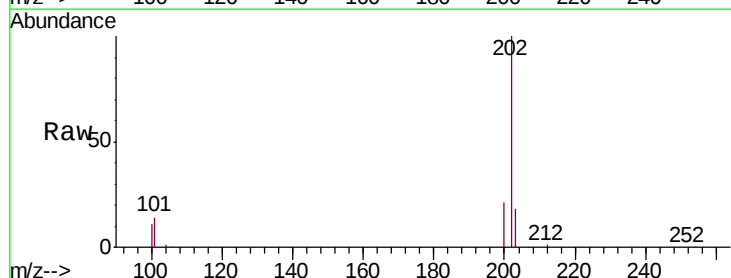
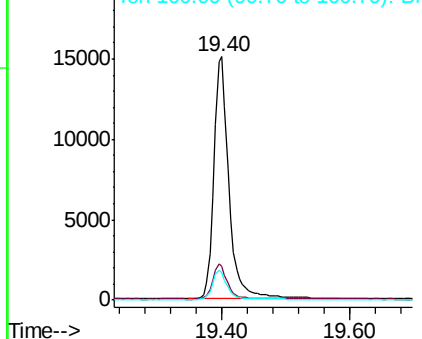
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

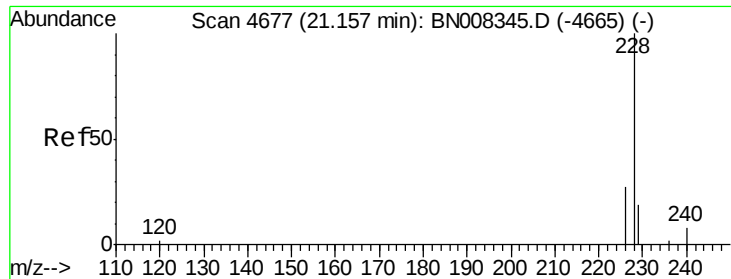


#17
Pyrene
Concen: 0.782 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008346.D
Acq: 23 Oct 2019 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.7	10.9	16.3
100	11.0	8.7	13.1

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





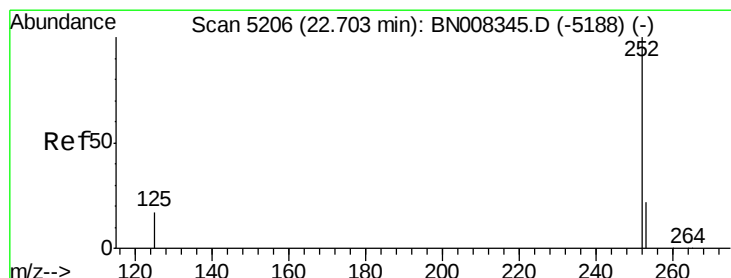
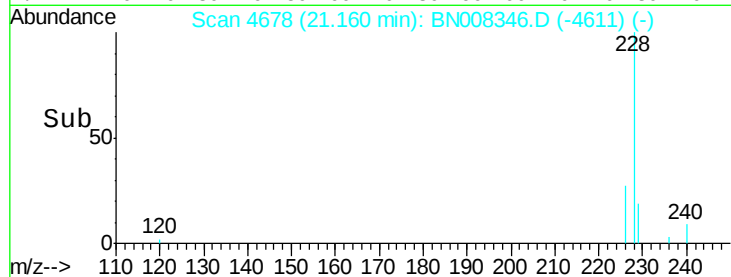
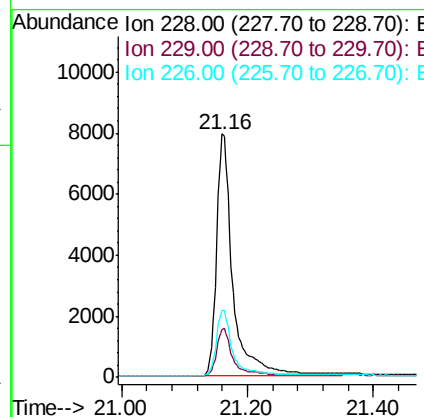
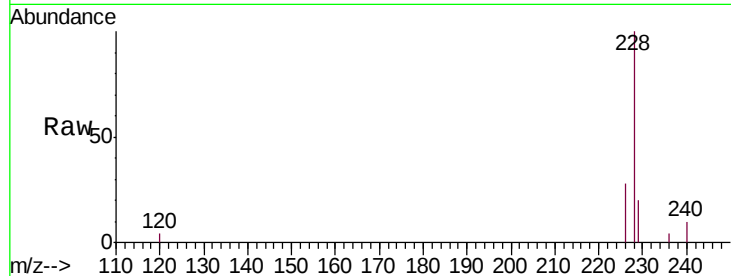
#18
 Benzo(a)anthracene
 Concen: 0.503 ng/ul
 RT: 21.16 min Scan# 4678
 Delta R.T. -0.01 min
 Lab File: BN008346.D
 Acq: 23 Oct 2019 11:59

Instrument :
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 ClientSampleId :
 X2J21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.2	24.2
226	27.7	21.4	32.0

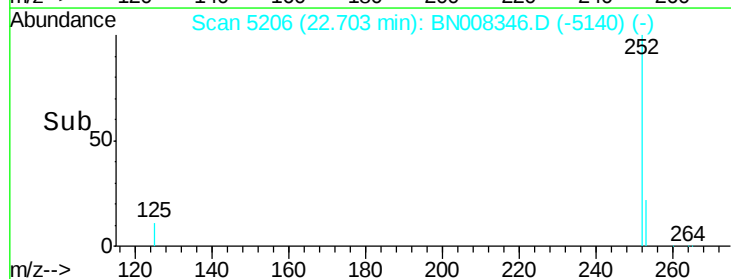
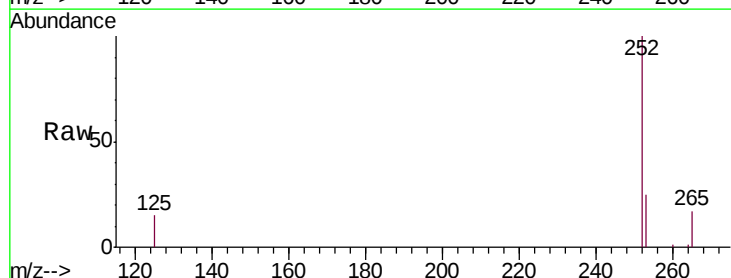
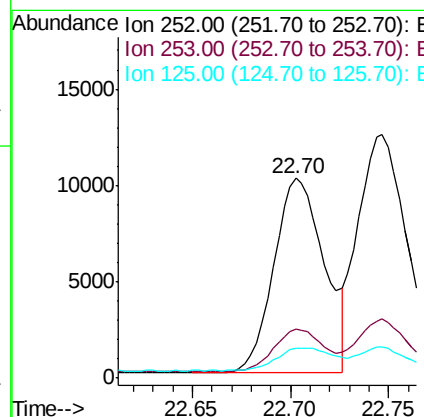
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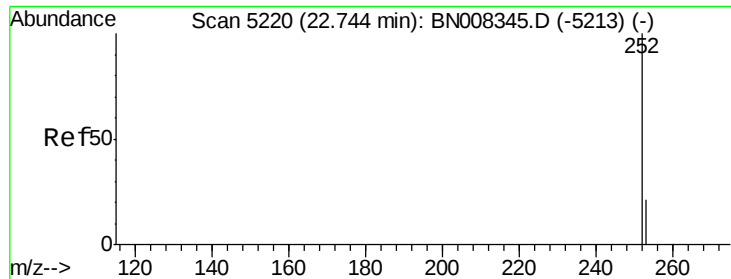
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#21
 Benzo(b)fluoranthene
 Concen: 0.804 ng/ul
 RT: 22.70 min Scan# 5206
 Delta R.T. -0.01 min
 Lab File: BN008346.D
 Acq: 23 Oct 2019 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	53.4
125	14.7	0.0	32.4





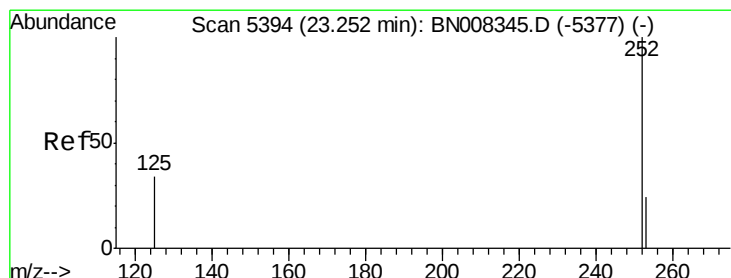
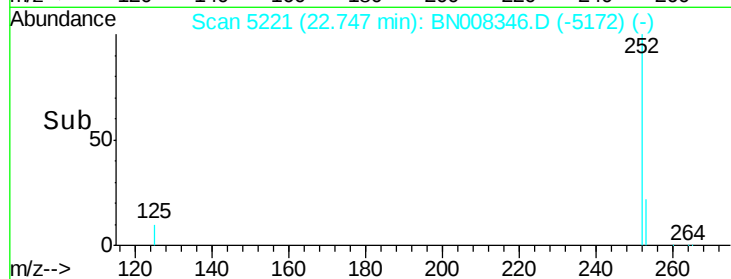
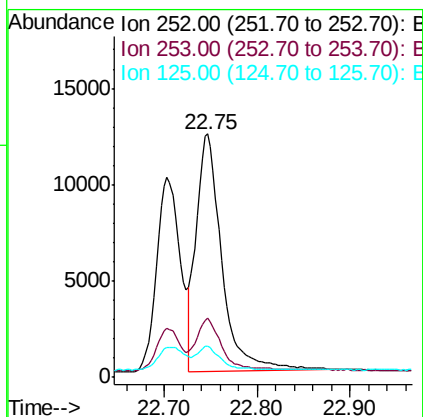
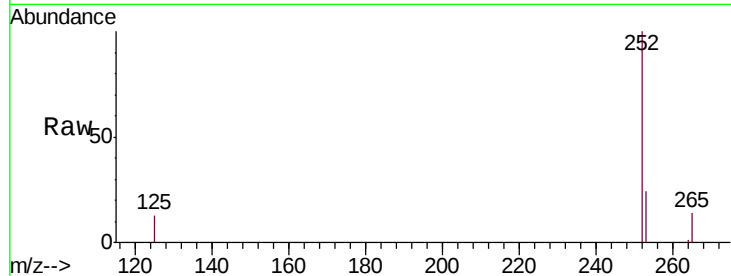
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Benzo(k)fluoranthene
Concen: 0.920 ng/u1
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008346.D
Acq: 23 Oct 2019 11:59

Instrument :
BNA_N
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.3	31.9
125	12.6	12.3	18.5

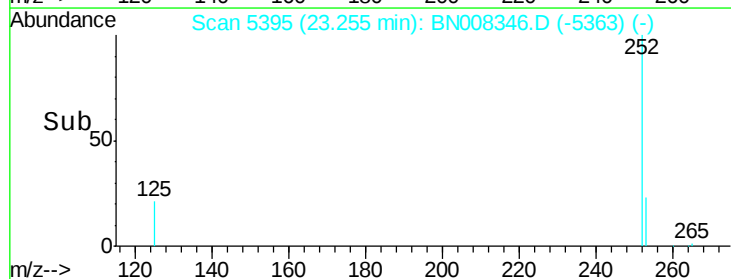
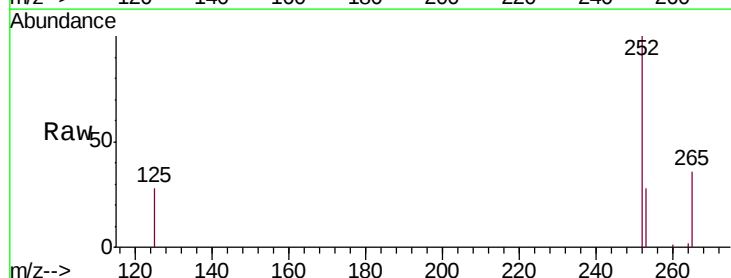
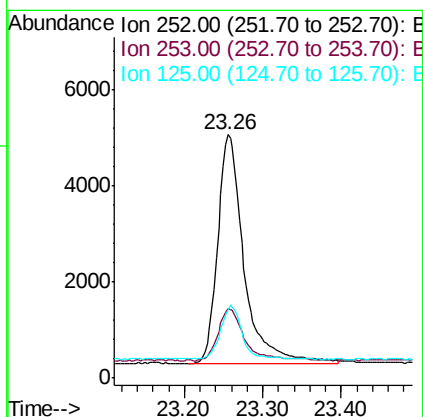
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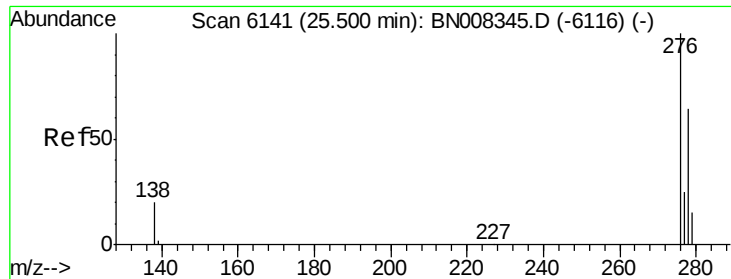
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#23
Benzo(a)pyrene
Concen: 0.470 ng/u1
RT: 23.26 min Scan# 5395
Delta R.T. -0.01 min
Lab File: BN008346.D
Acq: 23 Oct 2019 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.8	34.2
125	28.1	18.4	27.6





#24

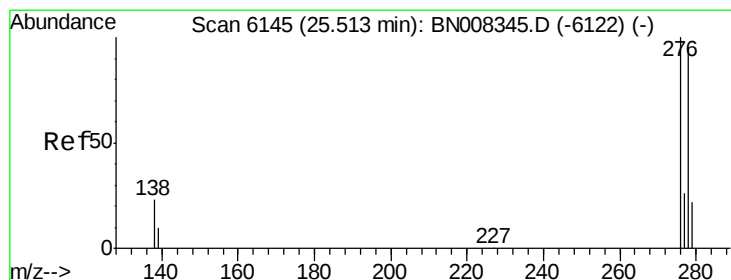
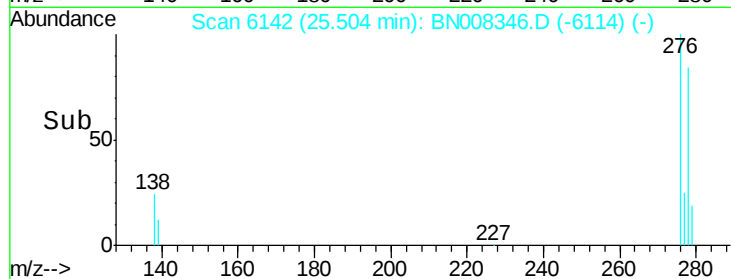
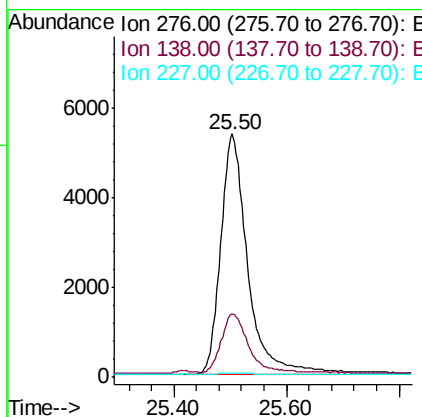
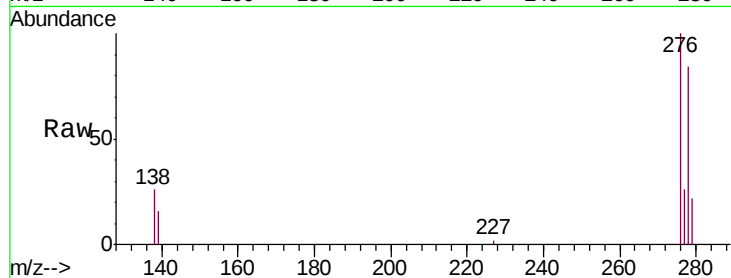
Indeno(1,2,3-cd)pyrene
Concen: 0.636 ng/u1
RT: 25.50 min Scan# 6142
Delta R.T. -0.01 min
Lab File: BN008346.D
Acq: 23 Oct 2019 11:59

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	17857		
138	24.1	16.1	24.1	
227	0.2	0.2	0.2	

Manual Integrations
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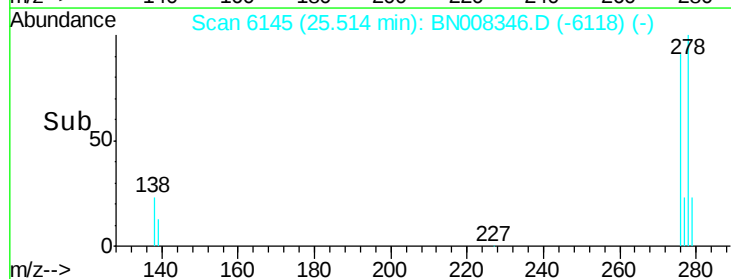
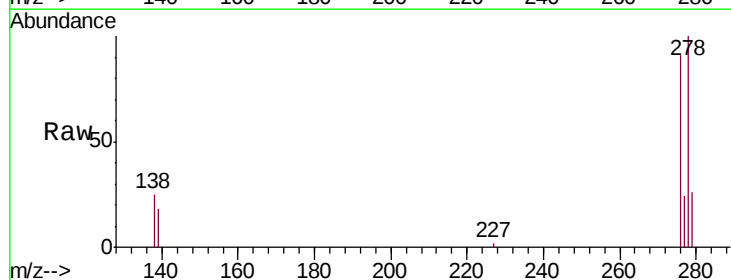
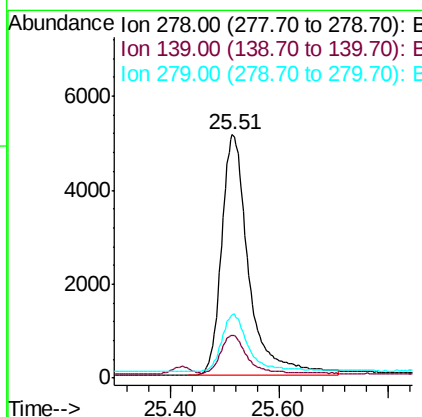
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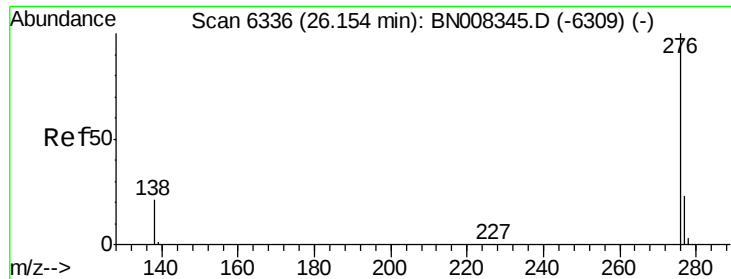


#25

Dibenzo(a,h)anthracene
Concen: 0.808 ng/u1
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008346.D
Acq: 23 Oct 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	17924		
139	17.6	15.0	22.6	
279	25.9	22.4	33.6	





#26

Benzo(g,h,i)perylene

Concen: 0.764 ng/ul

RT: 26.16 min Scan# 6337

Delta R.T. -0.01 min

Lab File: BN008346.D

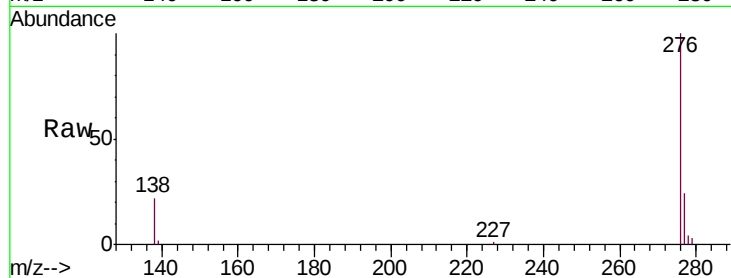
Acq: 23 Oct 2019 11:59

Instrument :

BNA_N

ClientSampleId :

X2J21



Tgt	Ion	276	Resp:	19655
Ion	Ratio	Lower	Upper	
276	100			
138	22.1	17.0	25.4	
277	24.5	20.4	30.6	

Manual Integrations
APPROVED

mohammad
10/24/2019 8:06:27 AM

