

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
 Data File : BN008826.D
 Acq On : 03 Dec 2019 11:44
 Operator : JU
 Sample : K5854-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB8

Manual Integrations
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 12/3/2019 5:09:51 PM

Quant Time: Dec 03 12:46:12 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 03 11:01:18 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4386	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	18217	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	13240	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	25756	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	17463	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	16082	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	4806	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	13420	0.17	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.39	128	79648	1.450	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	64588	1.684	ng/ul	100
7) Acenaphthylene	13.93	152	7943	0.109	ng/ul#	87
8) Acenaphthene	14.27	153	30371	0.559	ng/ul	99
9) Fluorene	15.26	166	38482	0.603	ng/ul#	97
11) Pentachlorophenol	16.62	266	250	0.026	ng/ul	87
12) Phenanthrene	17.00	178	599408	6.901	ng/ul	99
13) Anthracene	17.09	178	146716	1.788	ng/ul	99
15) Fluoranthene	19.02	202	1072458	10.050	ng/ul	98
17) Pyrene	19.39	202	906792	12.943	ng/ul	98
18) Benzo(a)anthracene	21.15	228	461192	6.567	ng/ul	98
19) Chrysene	21.20	228	437818	6.347	ng/ul	97
21) Benzo(b)fluoranthene	22.69	252	493385m	7.440	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	191584m	2.913	ng/ul	
23) Benzo(a)pyrene	23.23	252	334312	5.371	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.46	276	207813	2.855	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.46	278	53992	0.918	ng/ul#	85
26) Benzo(g,h,i)perylene	26.11	276	208675	3.427	ng/ul	99

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

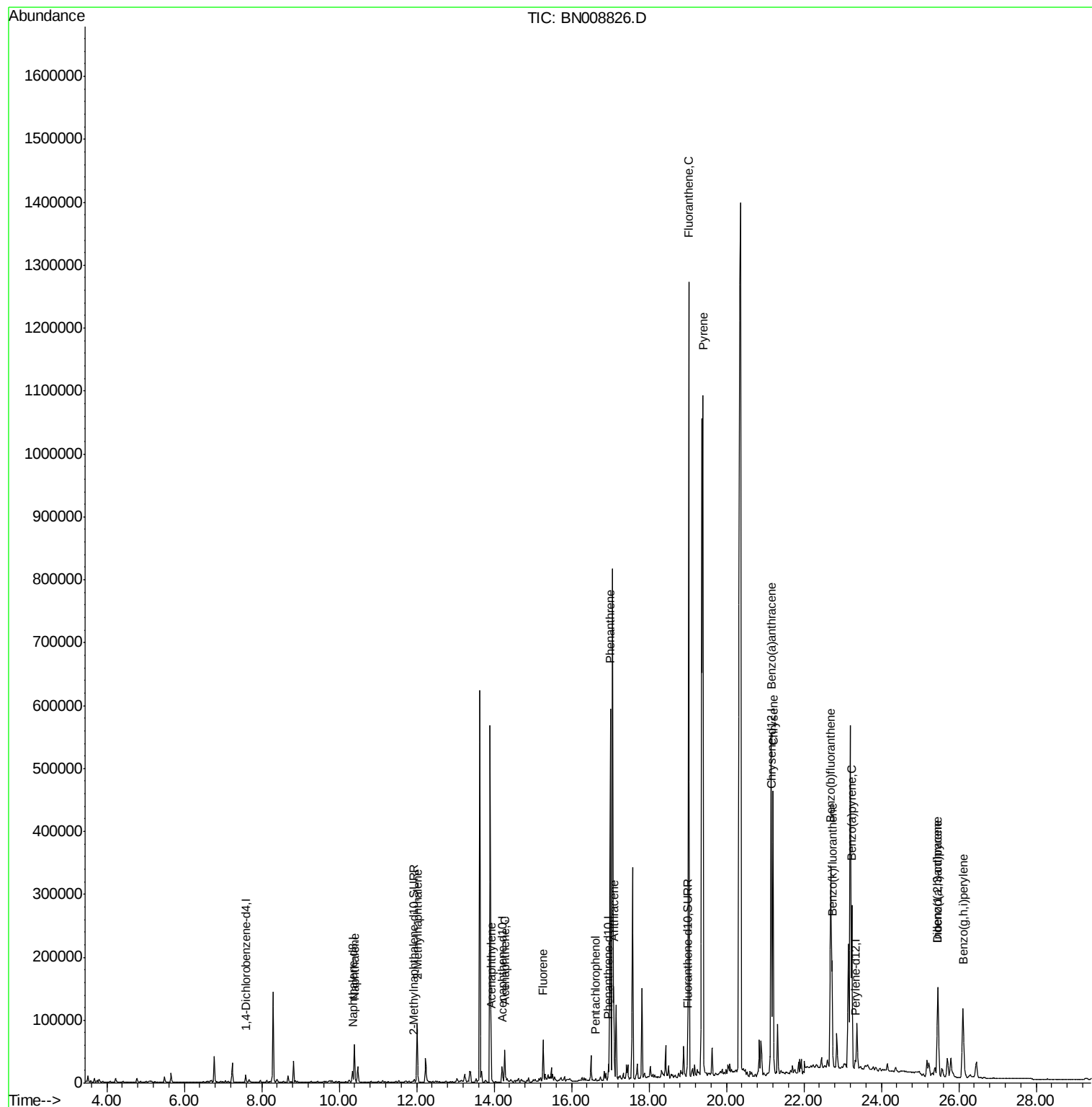
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
Data File : BN008826.D
Acq On : 03 Dec 2019 11:44
Operator : JU
Sample : K5854-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

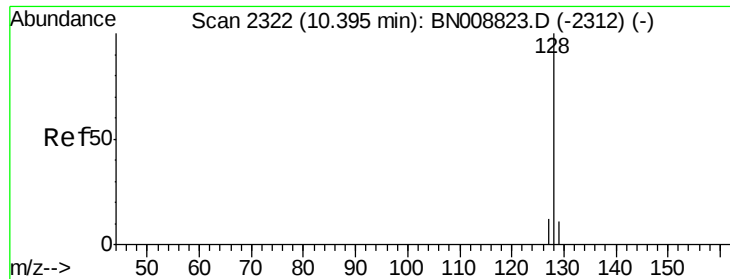
Instrument :
BNA_N
ClientSampleId :
C0AB8

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Quant Time: Dec 03 12:46:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.450 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BN008826.D

Acq: 03 Dec 2019 11:44

Instrument :

BNA_N

ClientSampleId :

C0AB8

Tgt Ion:128 Resp: 79648

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

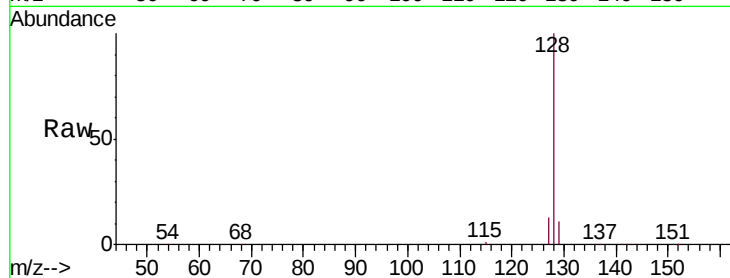
127 13.1 10.7 16.1

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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

60000

50000

40000

30000

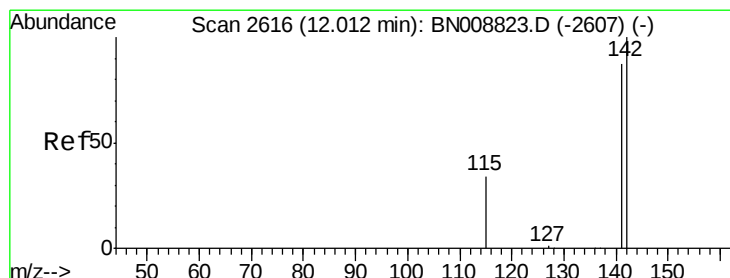
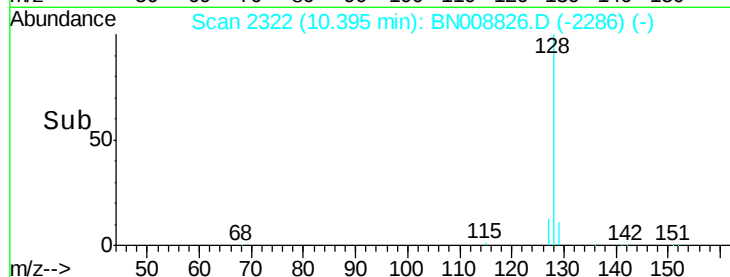
20000

10000

0

Time-->

10.35 10.40 10.45



#5

2-Methylnaphthalene

Concen: 1.684 ng/ul

RT: 12.01 min Scan# 2616

Delta R.T. 0.00 min

Lab File: BN008826.D

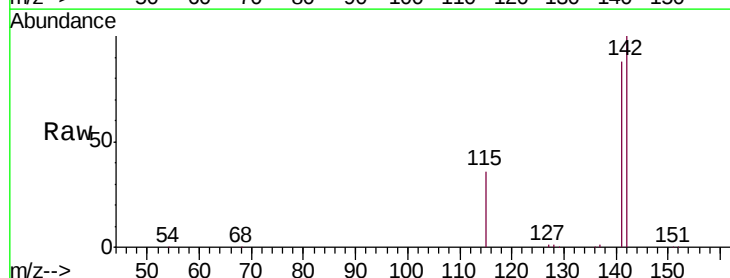
Acq: 03 Dec 2019 11:44

Tgt Ion:142 Resp: 64588

Ion Ratio Lower Upper

142 100

141 87.7 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

40000

30000

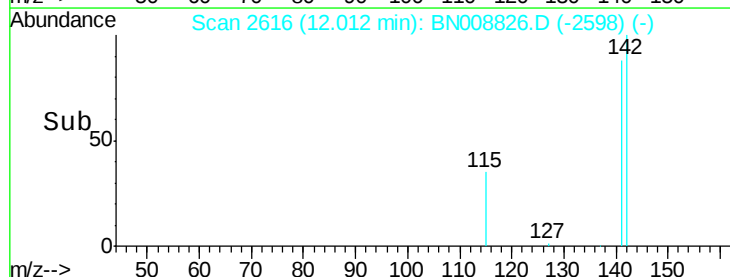
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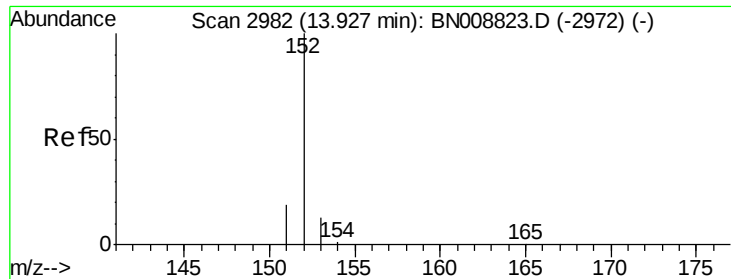
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0

Time-->

11.90 12.00 12.10





#7

Acenaphthylene

Concen: 0.109 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BN008826.D

Acq: 03 Dec 2019 11:44

Instrument :

BNA_N

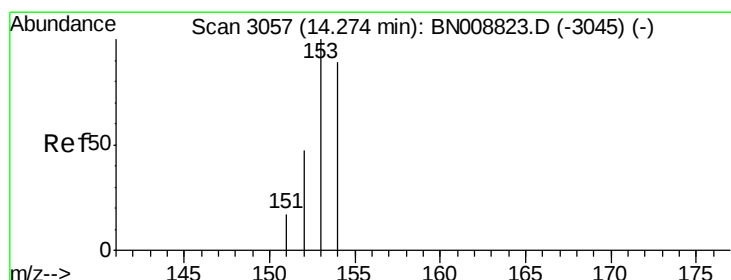
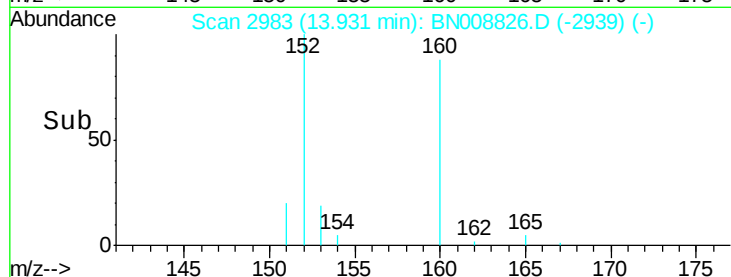
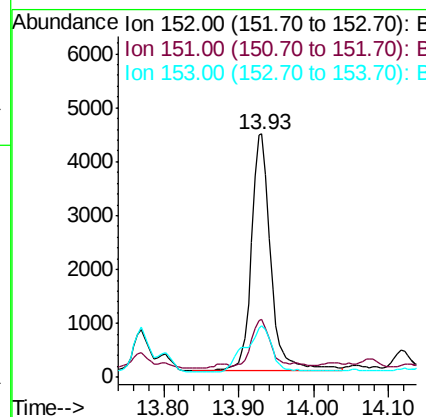
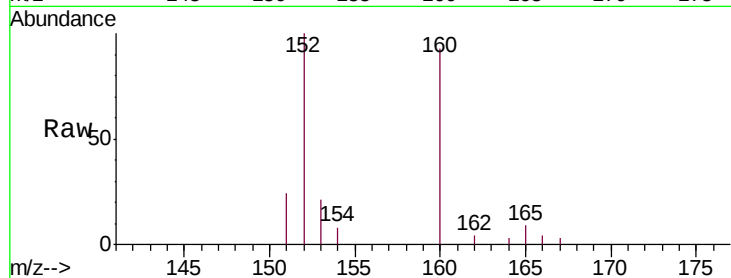
ClientSampleId :

C0AB8

Tgt Ion:	152	Resp:	7943
Ion Ratio	Lower	Upper	
152	100		
151	23.7	15.8	23.6#
153	21.2	10.6	15.8#

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#8

Acenaphthene

Concen: 0.559 ng/ul

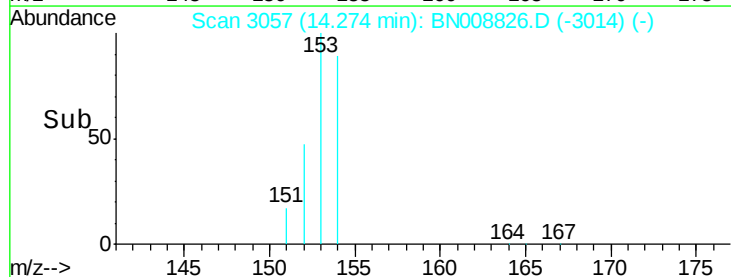
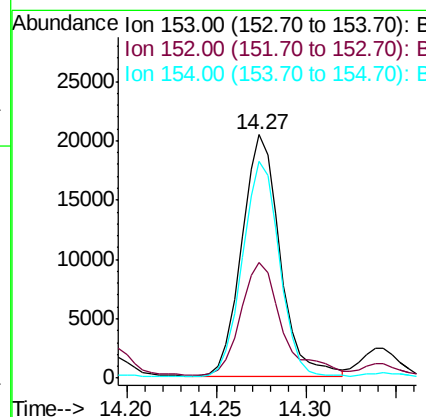
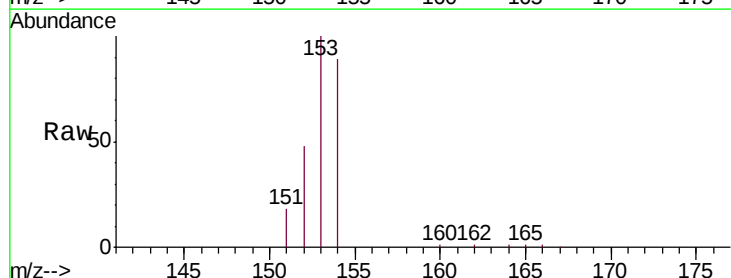
RT: 14.27 min Scan# 3057

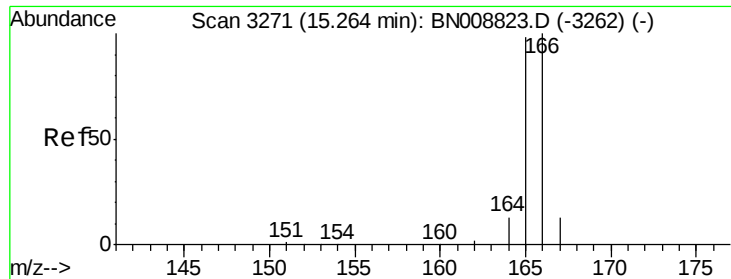
Delta R.T. 0.00 min

Lab File: BN008826.D

Acq: 03 Dec 2019 11:44

Tgt Ion:	153	Resp:	30371
Ion Ratio	Lower	Upper	
153	100		
152	47.6	38.6	58.0
154	88.9	70.6	105.8





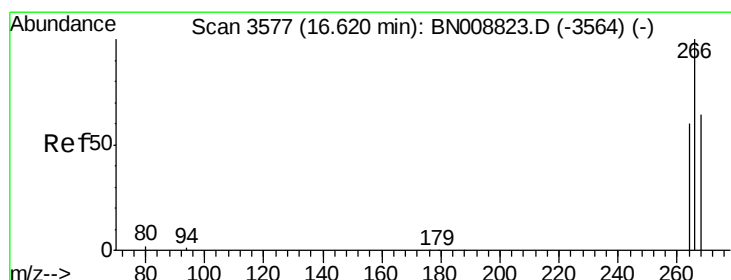
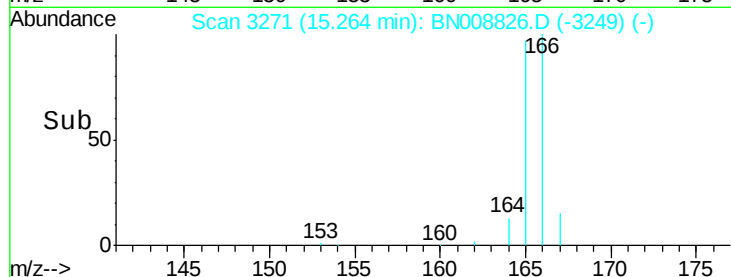
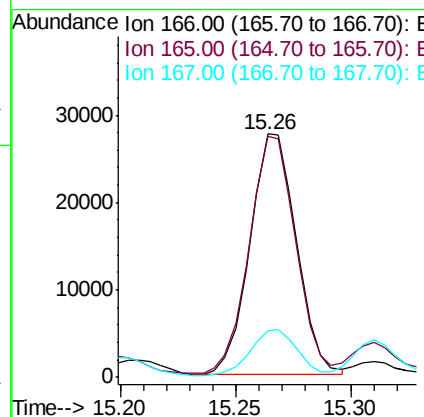
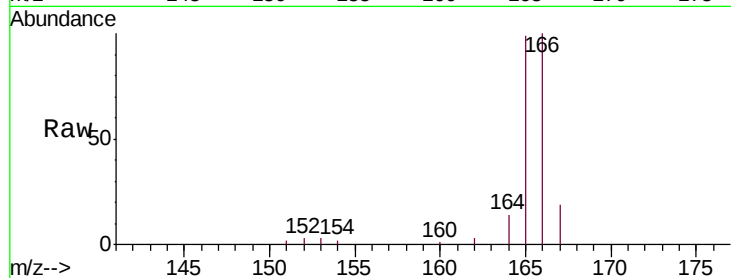
#9
Fluorene
 Concen: 0.603 ng/ul
 RT: 15.26 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: BN008826.D
 Acq: 03 Dec 2019 11:44

Instrument :
 BNA_N
 ClientSampleId :
 C0AB8

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.7	116.5
167	19.0	11.1	16.7#

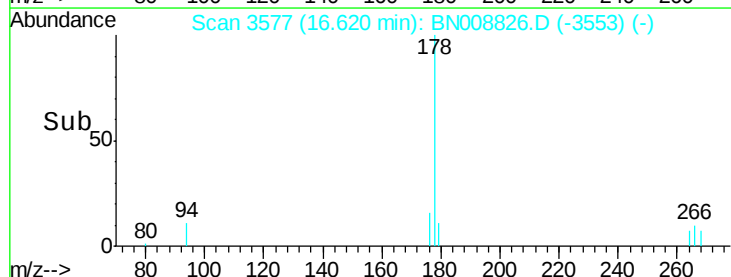
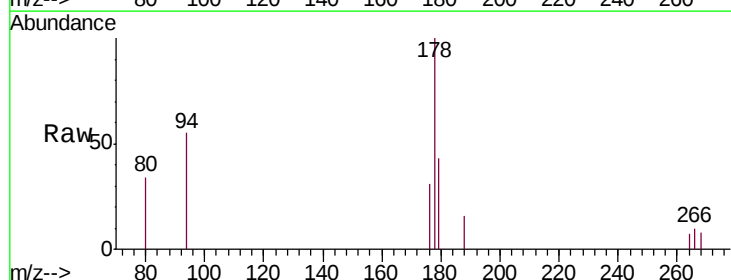
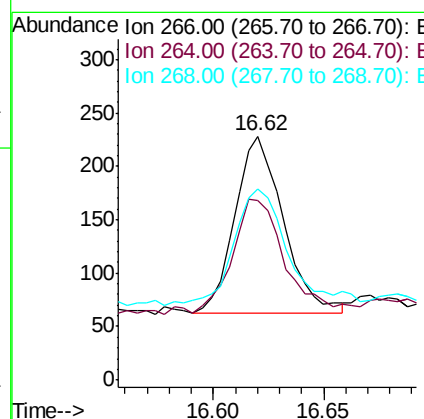
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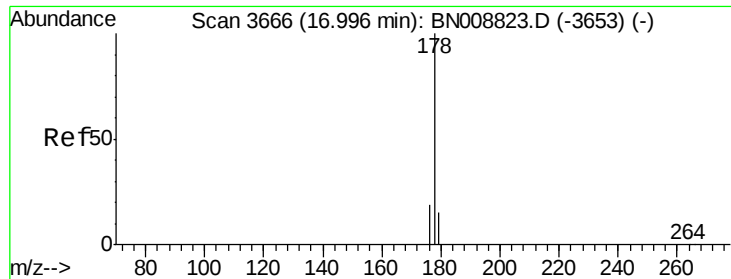
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#11
Pentachlorophenol
 Concen: 0.026 ng/ul
 RT: 16.62 min Scan# 3577
 Delta R.T. 0.00 min
 Lab File: BN008826.D
 Acq: 03 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
266	100		
264	75.2	50.4	75.6
268	73.6	52.2	78.4





#12

Phenanthrene

Concen: 6.901 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BN008826.D

Acq: 03 Dec 2019 11:44

Instrument :

BNA_N

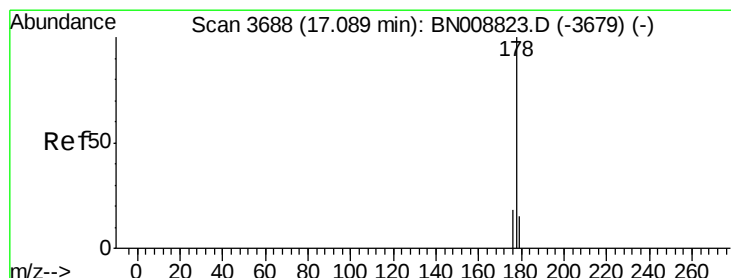
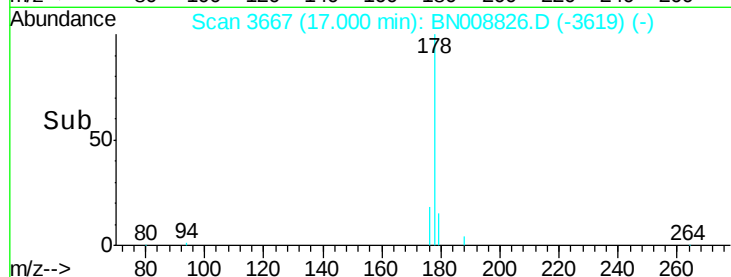
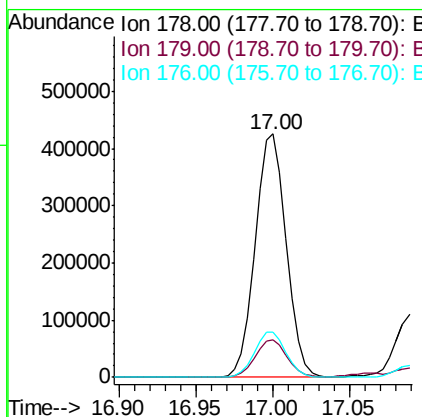
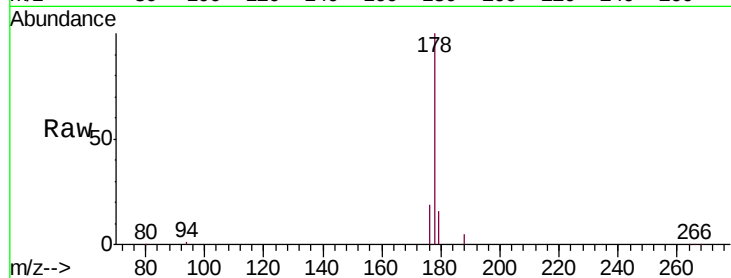
ClientSampled :

C0AB8

Tgt	Ion:178	Resp:	599408
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.5	15.3	22.9

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#13

Anthracene

Concen: 1.788 ng/ul

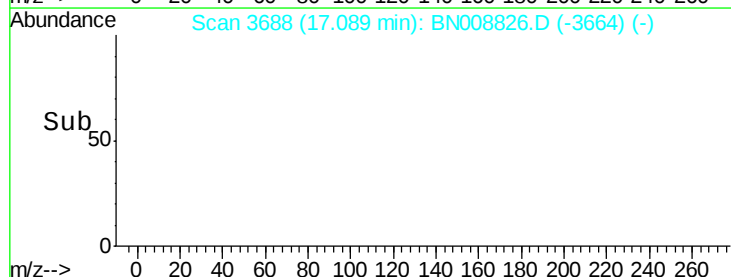
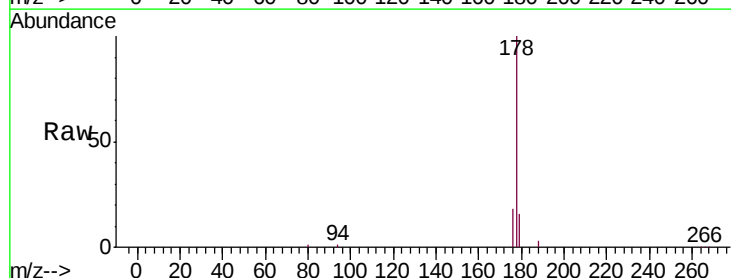
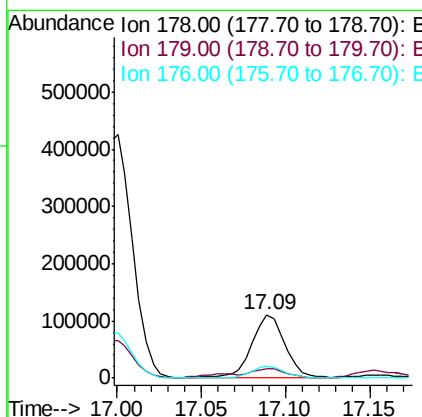
RT: 17.09 min Scan# 3688

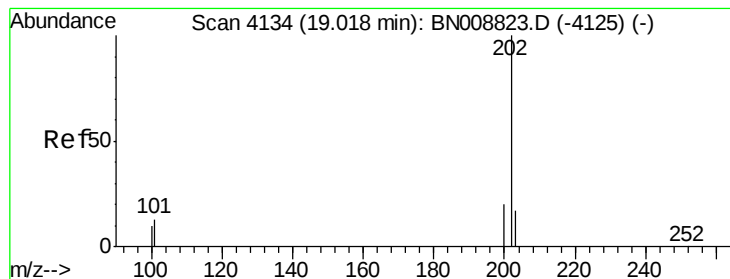
Delta R.T. 0.00 min

Lab File: BN008826.D

Acq: 03 Dec 2019 11:44

Tgt	Ion:178	Resp:	146716
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.3	14.7	22.1





#15

Fluoranthene

Concen: 10.050 ng/ul

RT: 19.02 min Scan# 4135

Delta R.T. 0.00 min

Lab File: BN008826.D

Acq: 03 Dec 2019 11:44

Instrument :

BNA_N

ClientSampleId :

C0AB8

Tgt Ion:202 Resp: 1072458

Ion Ratio Lower Upper

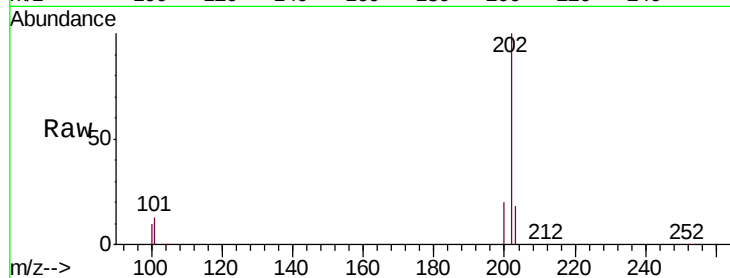
202 100

101 13.2 0.0 32.4

100 10.0 0.0 29.2

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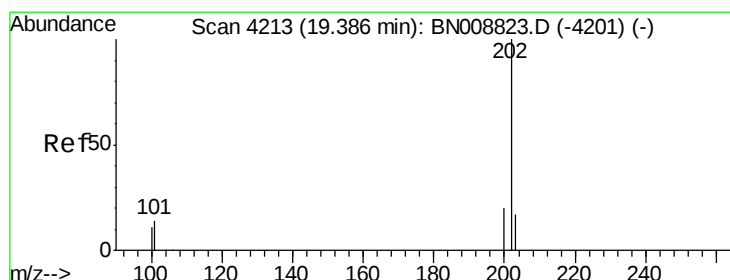
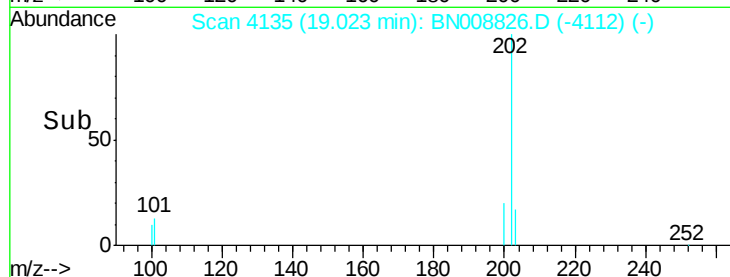
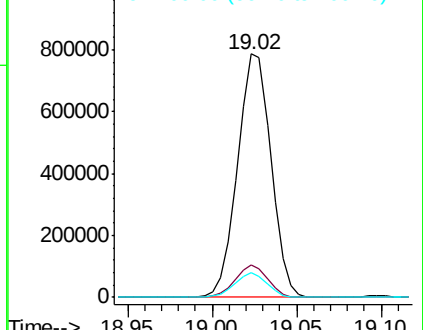
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 12.943 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. 0.00 min

Lab File: BN008826.D

Acq: 03 Dec 2019 11:44

Tgt Ion:202 Resp: 906792

Ion Ratio Lower Upper

202 100

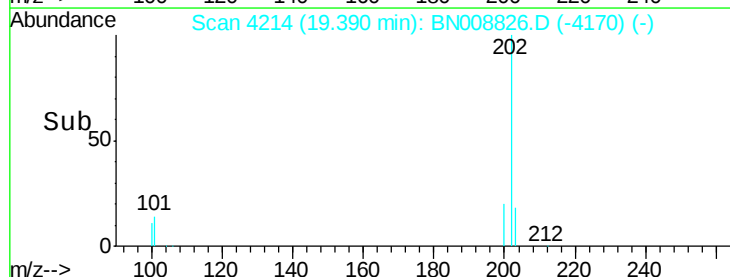
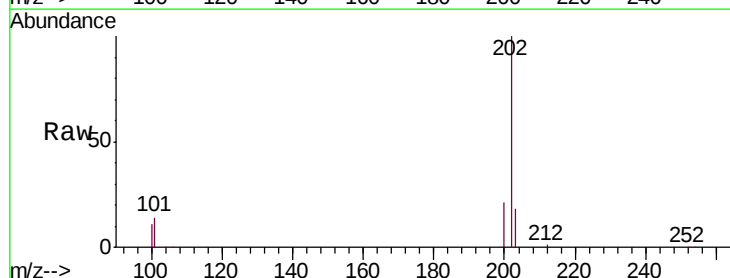
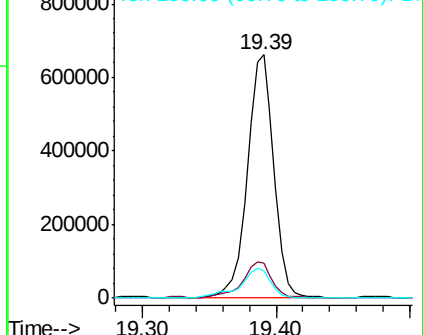
101 14.1 12.2 18.4

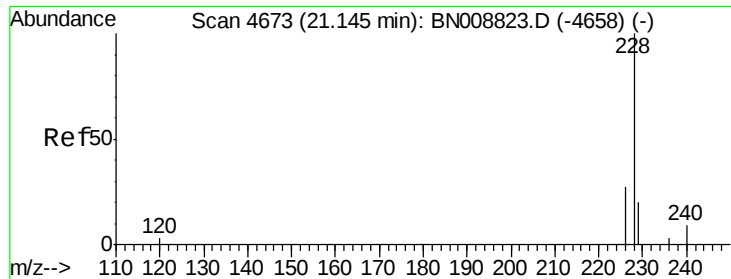
100 11.3 9.5 14.3

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





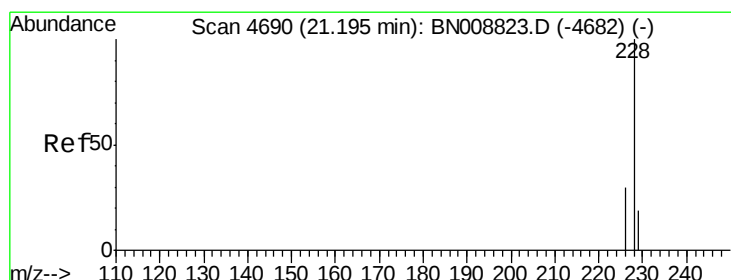
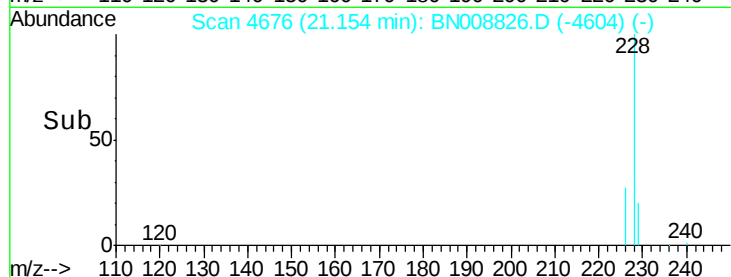
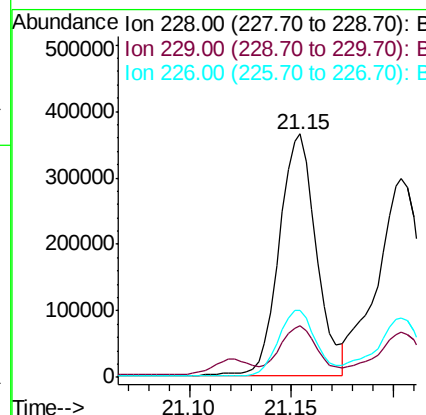
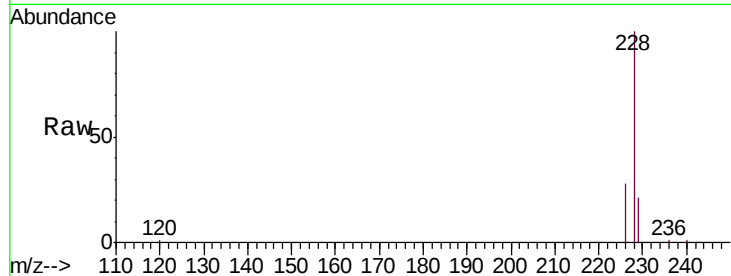
#18
Benzo(a)anthracene
Concen: 6.567 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. 0.01 min
Lab File: BN008826.D
Acq: 03 Dec 2019 11:44

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	27.7	21.5	32.3

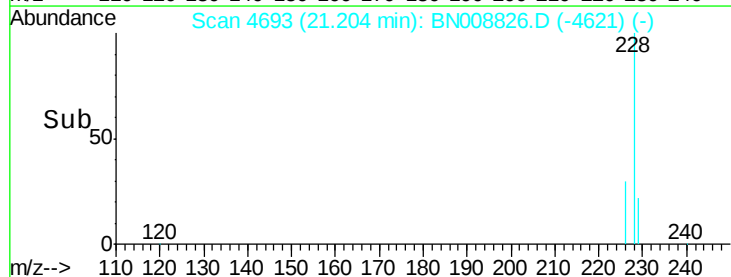
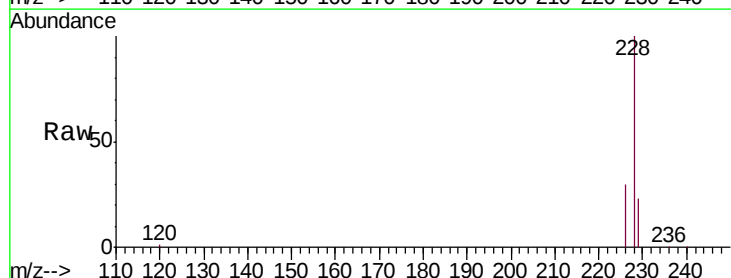
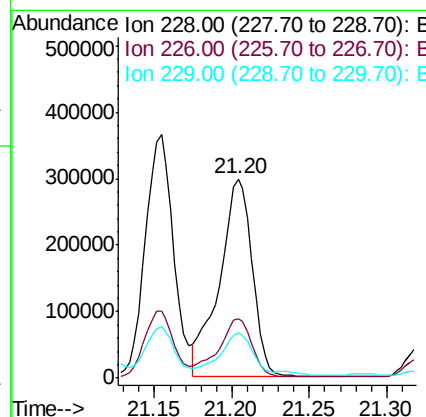
Manual Integrations
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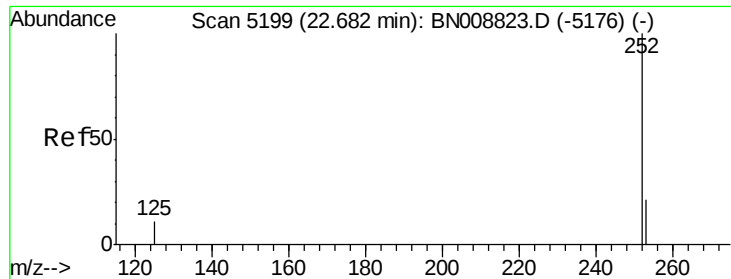
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#19
Chrysene
Concen: 6.347 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. 0.01 min
Lab File: BN008826.D
Acq: 03 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	22.9	15.6	23.4





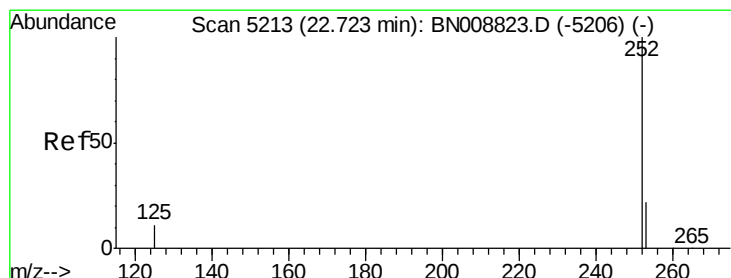
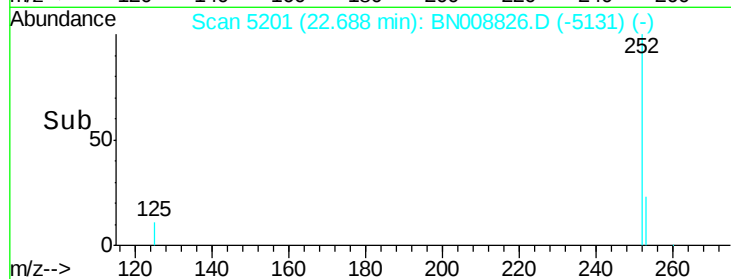
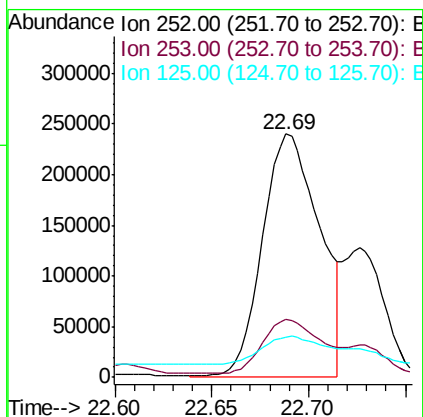
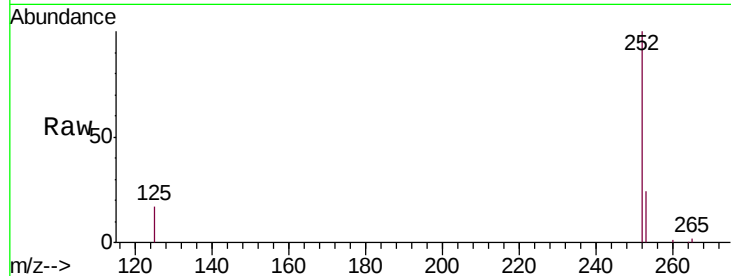
#21
Benzo(b)fluoranthene
Concen: 7.440 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. 0.01 min
Lab File: BN008826.D
Acq: 03 Dec 2019 11:44

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	0.0	48.6
125	16.7	0.0	31.6

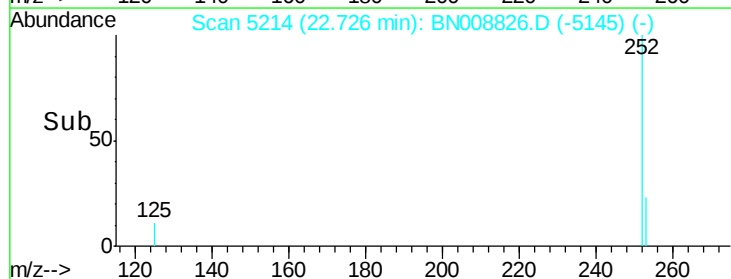
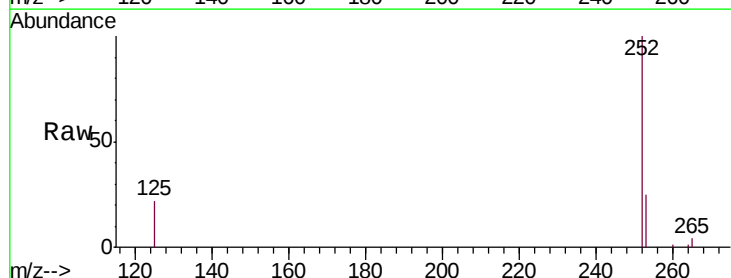
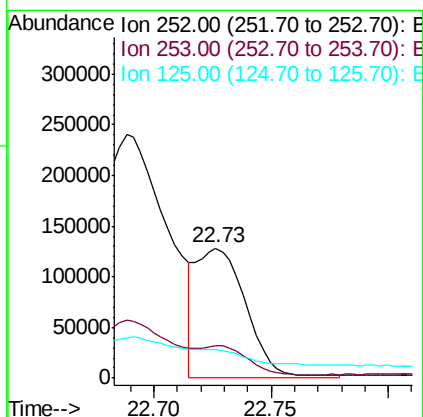
Manual Integrations
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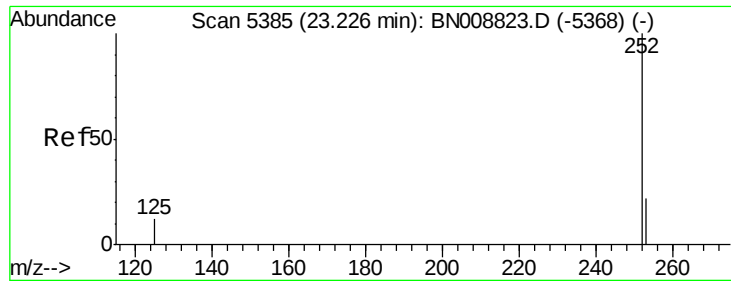
mohammad
12/3/2019 5:09:51 PM



#22
Benzo(k)fluoranthene
Concen: 2.913 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. 0.00 min
Lab File: BN008826.D
Acq: 03 Dec 2019 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.0	19.6	29.4
125	21.8	13.8	20.6





#23

Benzo(a)pyrene

Concen: 5.371 ng/u1

RT: 23.23 min Scan# 5388

Delta R.T. 0.01 min

Lab File: BN008826.D

Acq: 03 Dec 2019 11:44

Instrument :

BNA_N

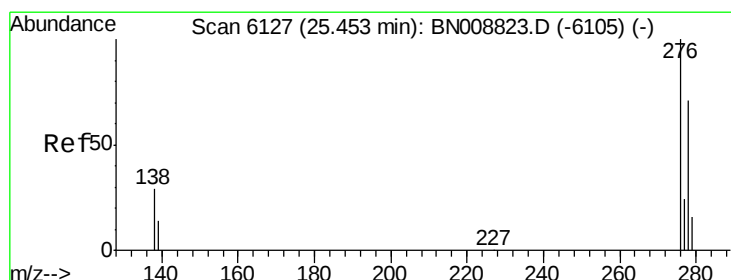
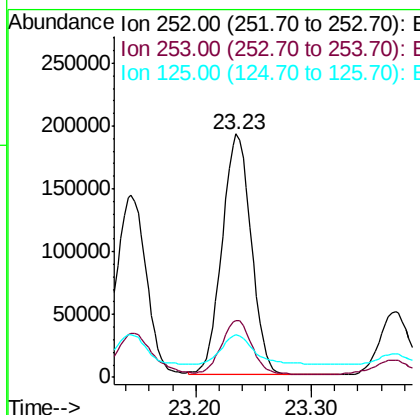
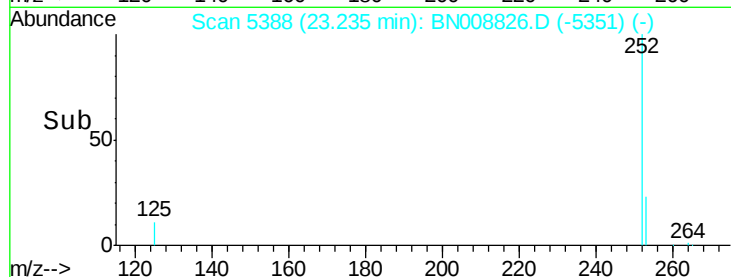
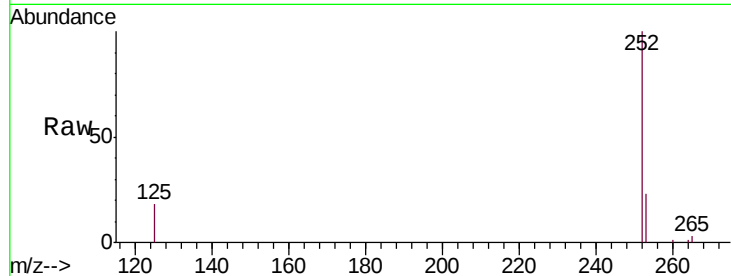
ClientSampleId :

C0AB8

Tgt	Ion	252	Resp:	334312
Ion	Ratio	Lower	Upper	
252	100			
253	23.4	19.9	29.9	
125	17.7	14.6	22.0	

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#24

Indeno(1,2,3-cd)pyrene

Concen: 2.855 ng/u1

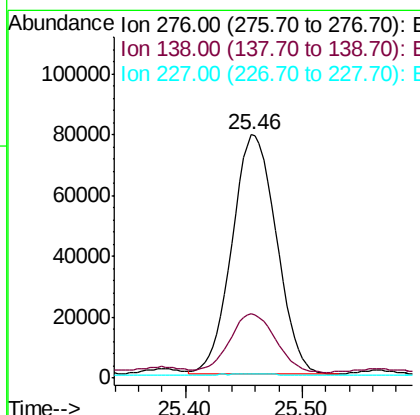
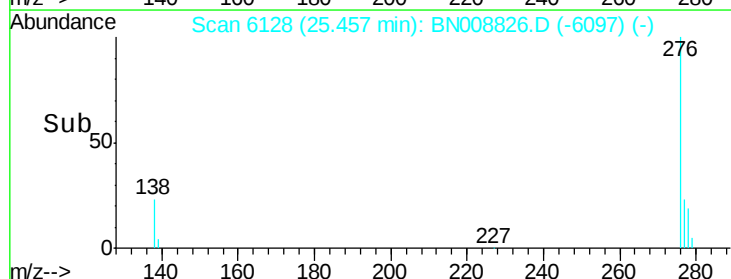
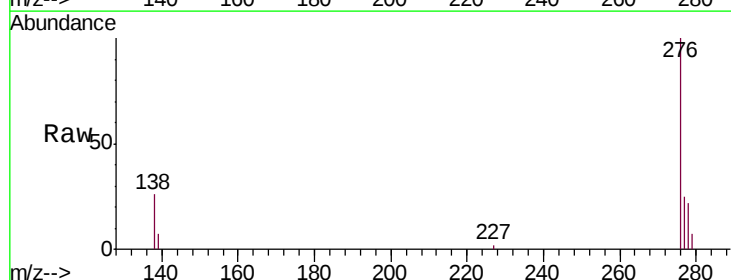
RT: 25.46 min Scan# 6128

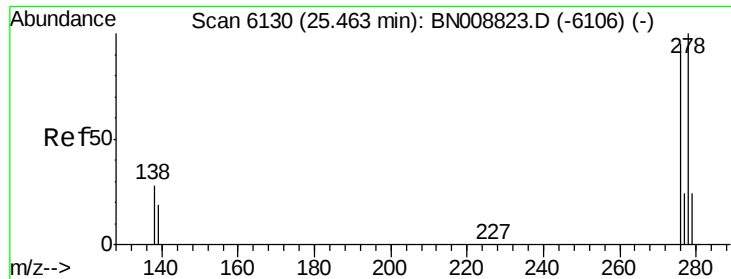
Delta R.T. 0.00 min

Lab File: BN008826.D

Acq: 03 Dec 2019 11:44

Tgt	Ion	276	Resp:	207813
Ion	Ratio	Lower	Upper	
276	100			
138	24.8	23.8	35.6	
227	0.3	0.2	0.2#	





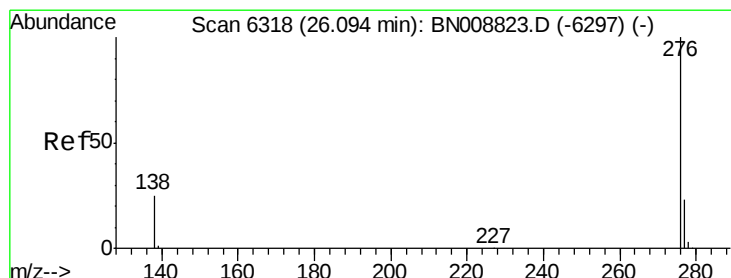
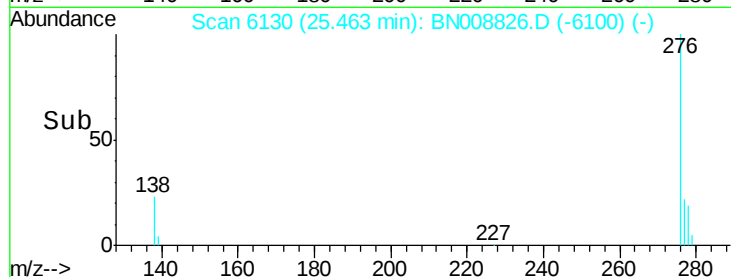
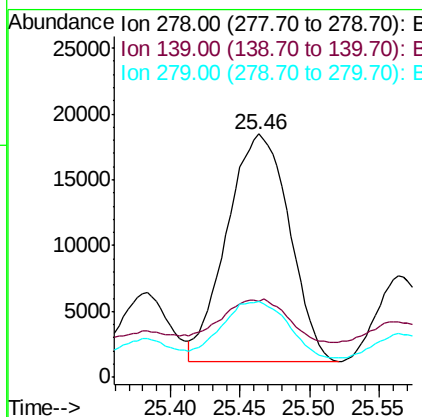
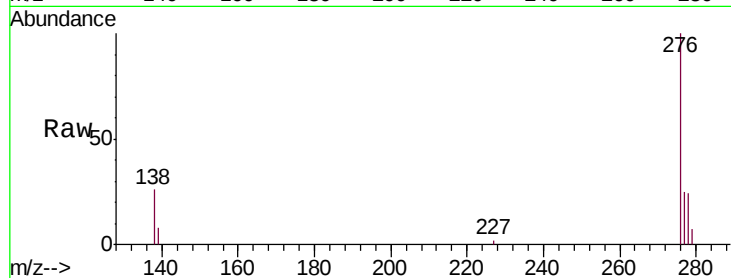
#25
Dibenzo(a,h)anthracene
Concen: 0.918 ng/ul
RT: 25.46 min Scan# 6130
Delta R.T. 0.00 min
Lab File: BN008826.D
Acq: 03 Dec 2019 11:44

Instrument :
BNA_N
ClientSampleId :
C0AB8

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.4	17.4	26.0#
279	31.0	20.5	30.7#

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#26
Benzo(g,h,i)perylene
Concen: 3.427 ng/ul
RT: 26.11 min Scan# 6322
Delta R.T. 0.01 min
Lab File: BN008826.D
Acq: 03 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.9	32.9
277	24.8	19.9	29.9

