

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
 Data File : BN008383.D
 Acq On : 24 Oct 2019 12:27
 Operator : JU
 Sample : K5235-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPB7

Manual Integrations
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mohammad
 10/25/2019 8:05:26 AM

Quant Time: Oct 24 14:20:21 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 : Thu Oct 24 13:52:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2038	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9839	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6334	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13407	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11480	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10453	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2314	0.14	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	9125	0.20	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.38	128	37512	1.339	ng/ul	98
5) 2-Methylnaphthalene	12.01	142	36053	1.876	ng/ul	99
7) Acenaphthylene	13.93	152	19687	0.653	ng/ul#	94
8) Acenaphthene	14.27	153	89222	3.803	ng/ul	99
9) Fluorene	15.26	166	80184	3.010	ng/ul	97
12) Phenanthrene	17.00	178	1375805	35.050	ng/ul	99
13) Anthracene	17.09	178	278904	8.074	ng/ul	99
15) Fluoranthene	19.03	202	1323374	25.527	ng/ul	99
17) Pyrene	19.40	202	1661528	36.350	ng/ul	100
18) Benzo(a)anthracene	21.15	228	813690	19.495	ng/ul	98
19) Chrysene	21.21	228	816830	15.947	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	643768m	18.919	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	216081m	5.606	ng/ul	
23) Benzo(a)pyrene	23.25	252	497327	13.889	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.49	276	236266	5.602	ng/ul	98
25) Dibenzo(a,h)anthracene	25.49	278	74091	2.222	ng/ul	99
26) Benzo(g,h,i)perylene	26.14	276	239574	6.195	ng/ul	99

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

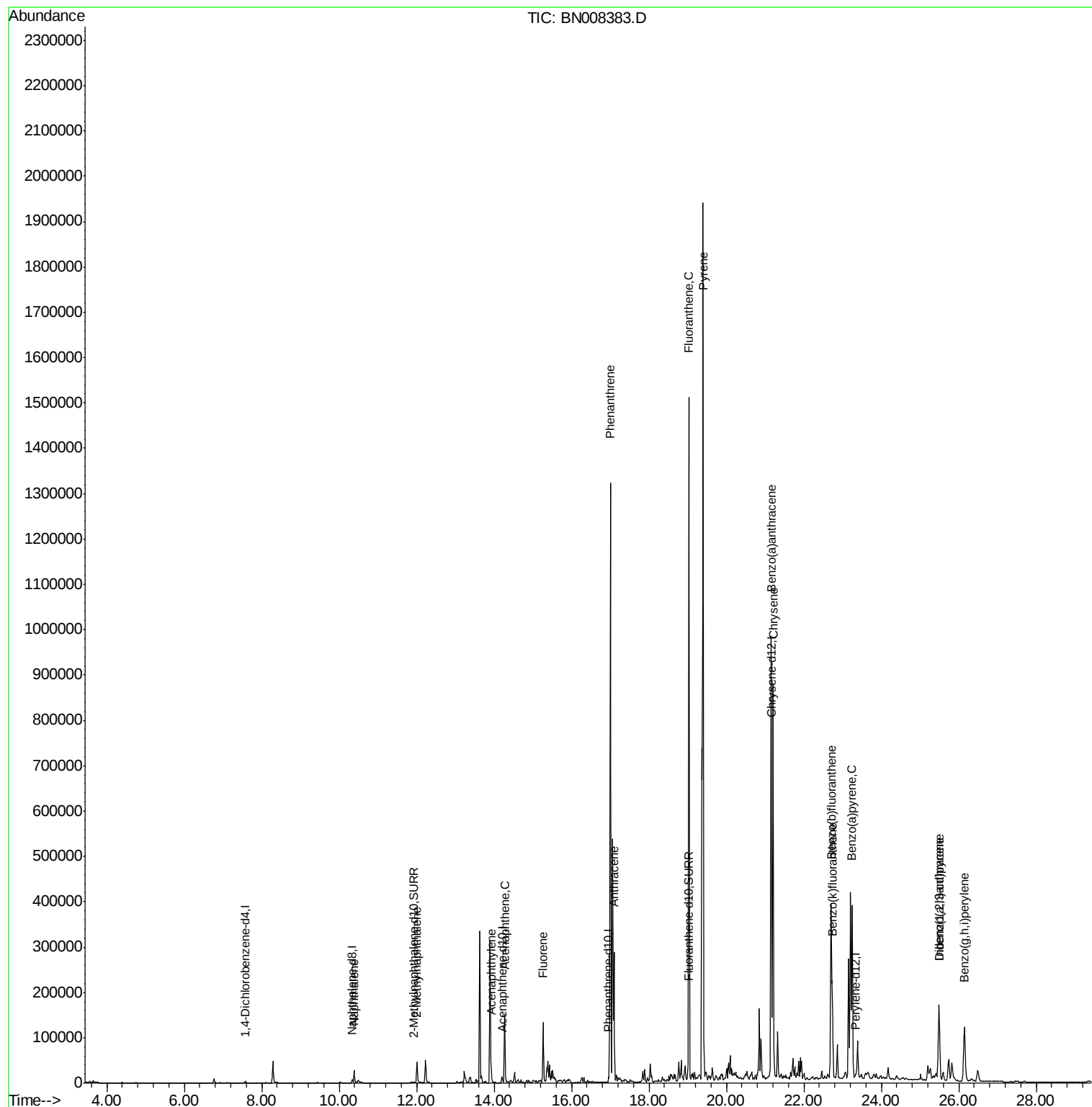
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
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ALS Vial : 7 Sample Multiplier: 1

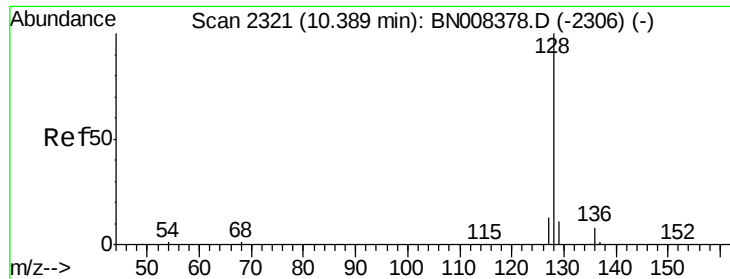
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Quant Time: Oct 24 14:20:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 24 13:52:48 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.339 ng/ul

RT: 10.38 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Instrument :

BNA_N

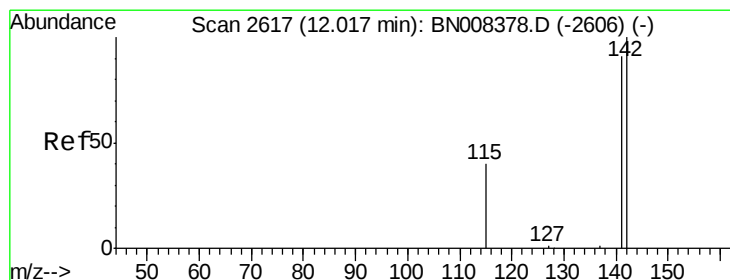
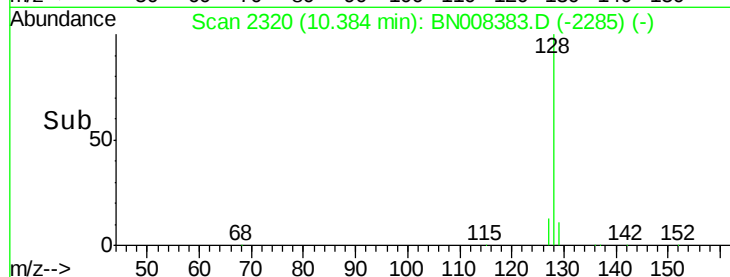
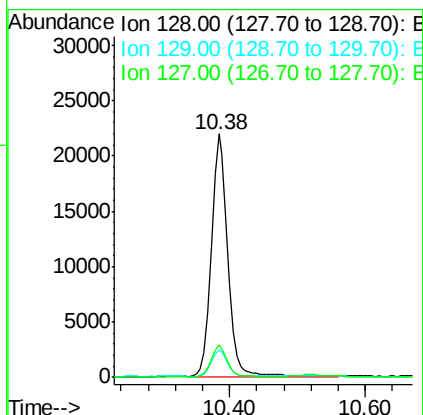
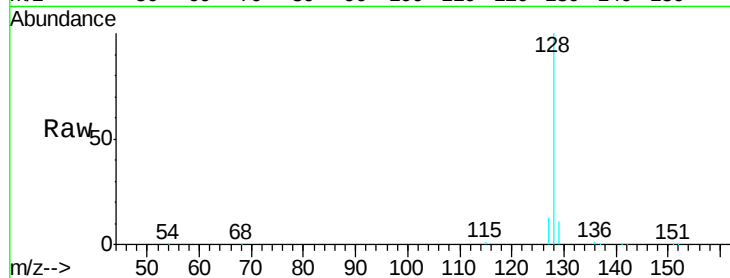
ClientSampleId :

BEPB7

Tgt Ion:	128	Resp:	37512
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.8	14.8
127	13.3	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 1.876 ng/ul

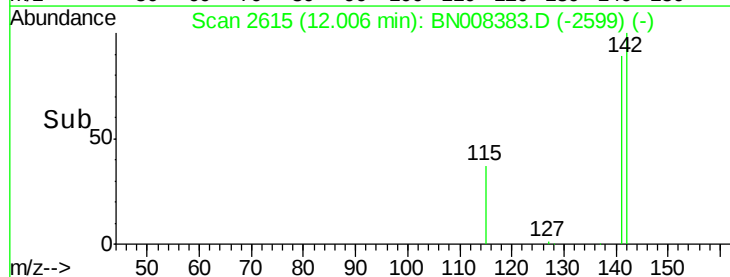
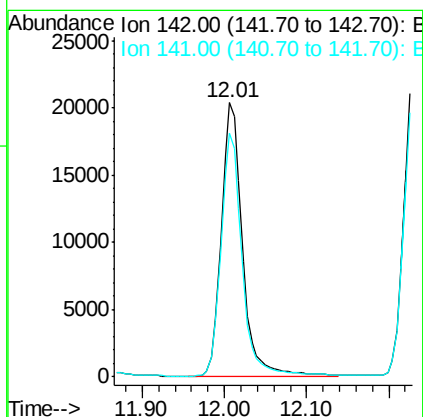
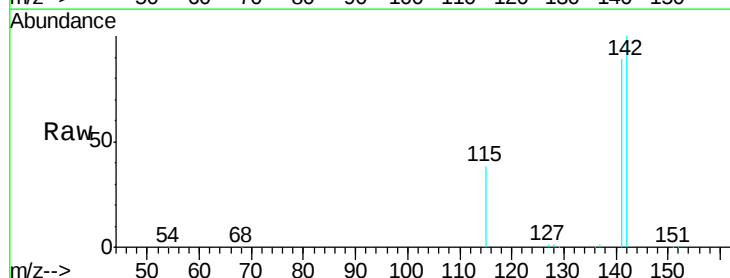
RT: 12.01 min Scan# 2615

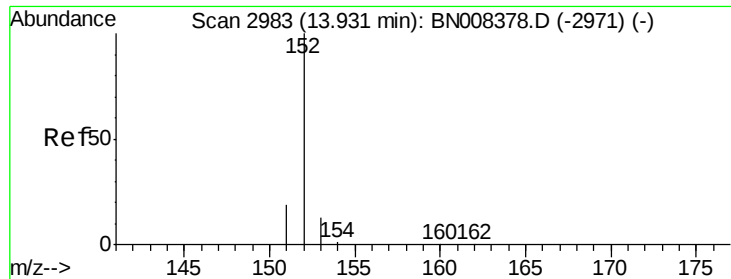
Delta R.T. -0.01 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Tgt Ion:	142	Resp:	36053
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.4	107.2





#7

Acenaphthylene

Concen: 0.653 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Instrument :

BNA_N

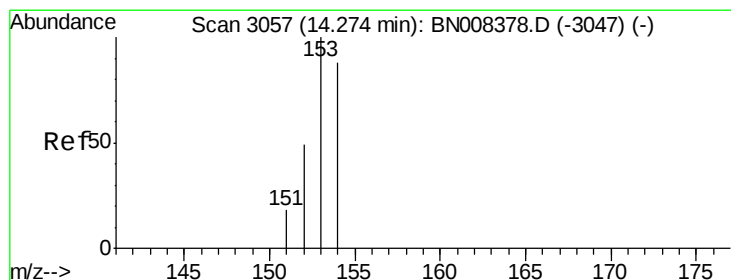
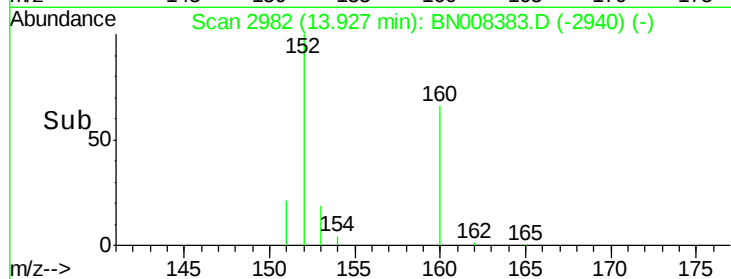
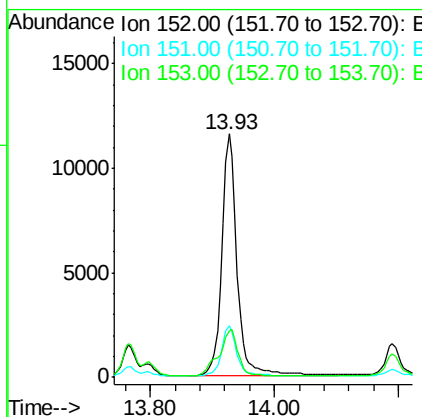
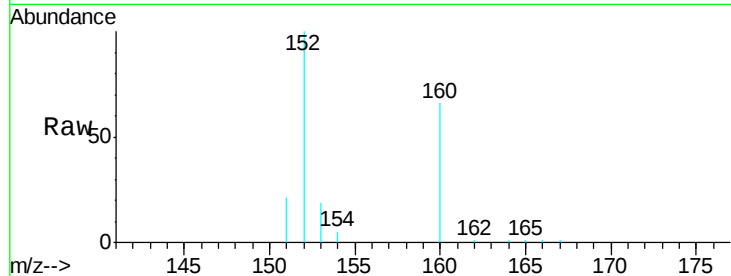
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4
153	19.3	11.0	16.4

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#8

Acenaphthene

Concen: 3.803 ng/ul

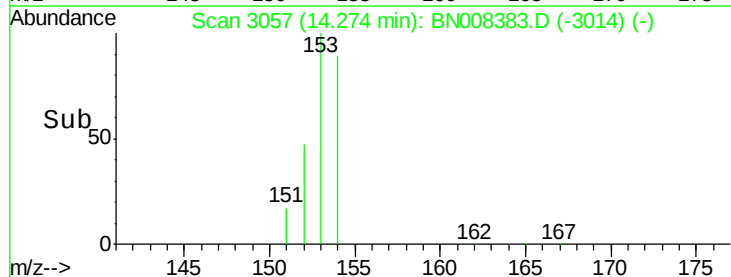
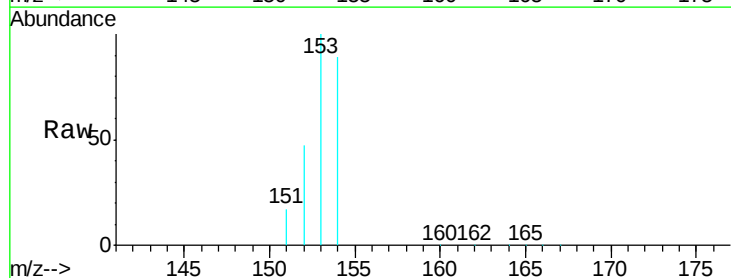
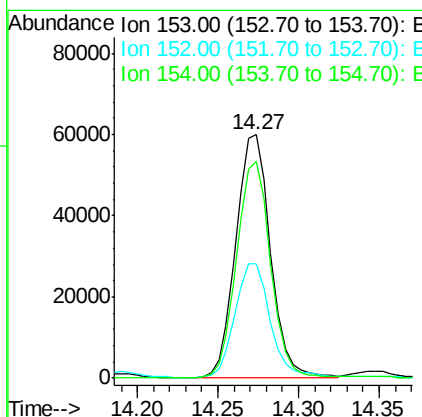
RT: 14.27 min Scan# 3057

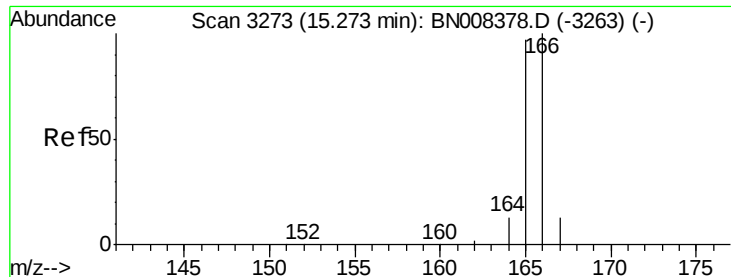
Delta R.T. -0.00 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.8	38.2	57.2
154	88.8	71.8	107.8





#9

Fluorene

Concen: 3.010 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Instrument :

BNA_N

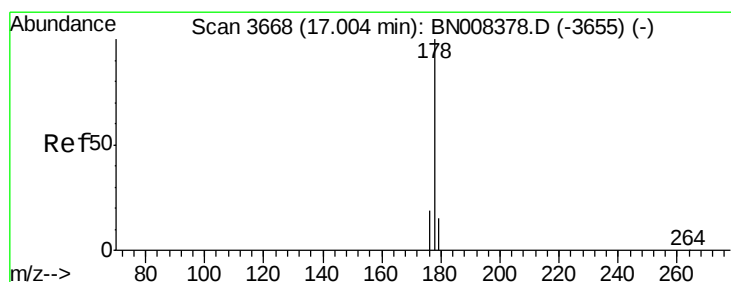
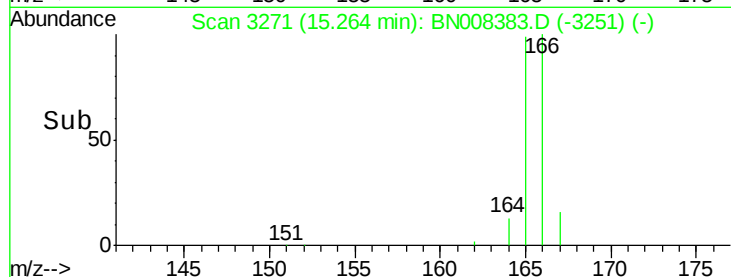
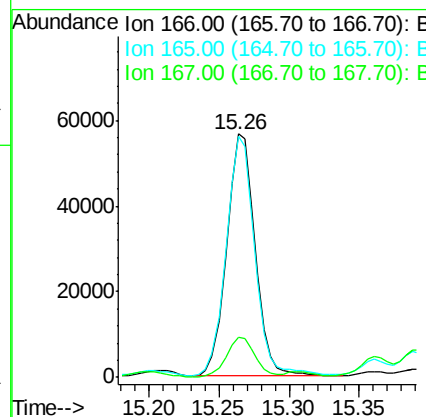
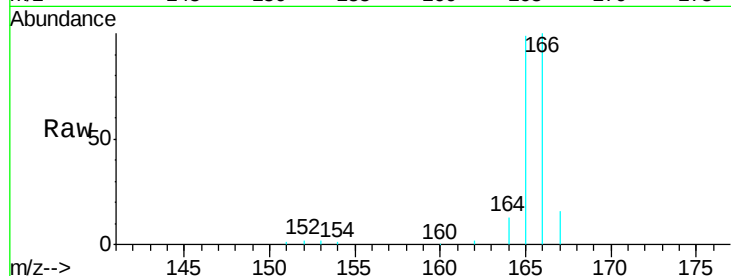
ClientSampleId :

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Tgt Ion:166 Resp: 80184
 Ion Ratio Lower Upper
 166 100
 165 99.0 76.6 115.0
 167 16.4 11.7 17.5

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#12

Phenanthrene

Concen: 35.050 ng/ul

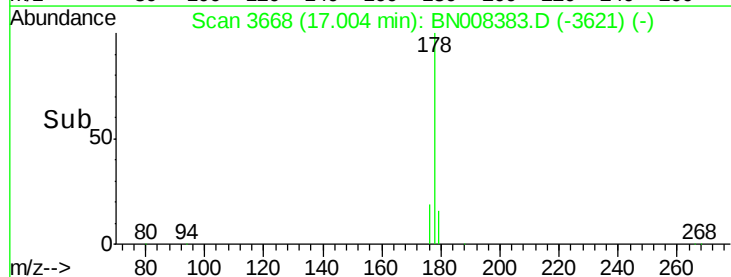
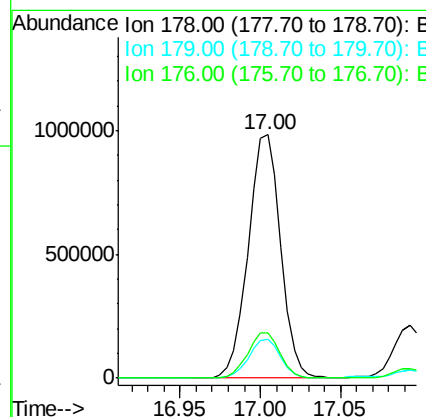
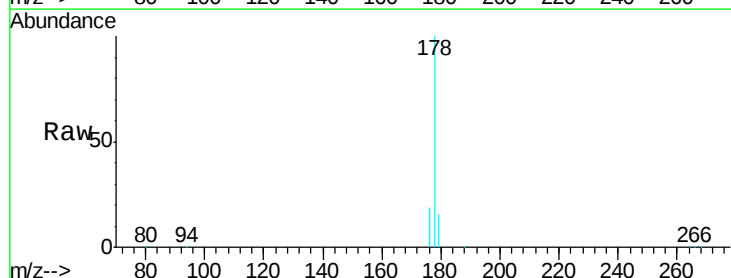
RT: 17.00 min Scan# 3668

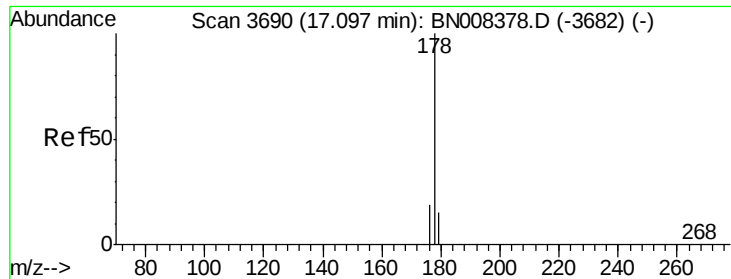
Delta R.T. -0.00 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Tgt Ion:178 Resp: 1375805
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.8 19.2
 176 18.7 15.4 23.2





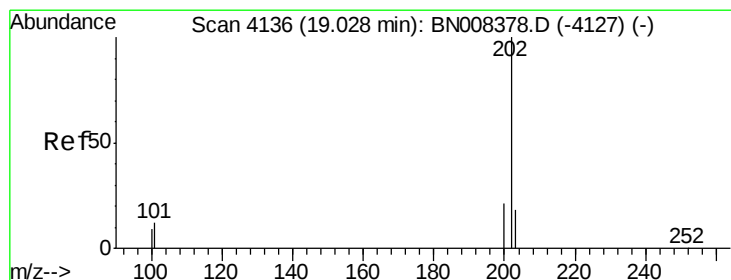
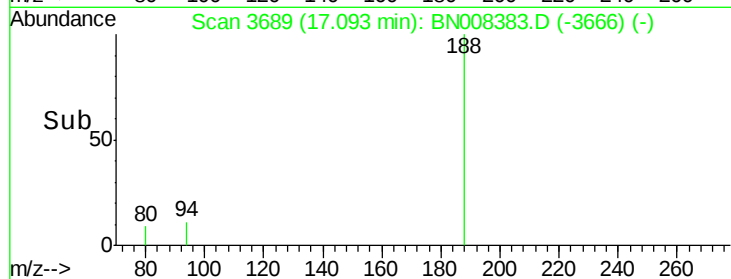
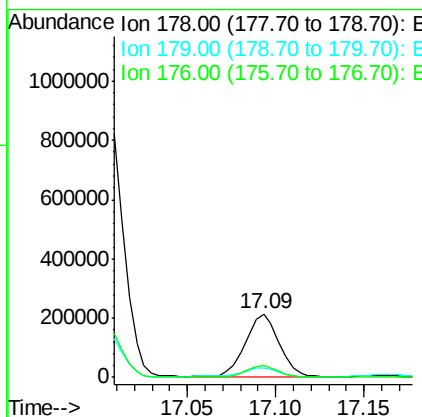
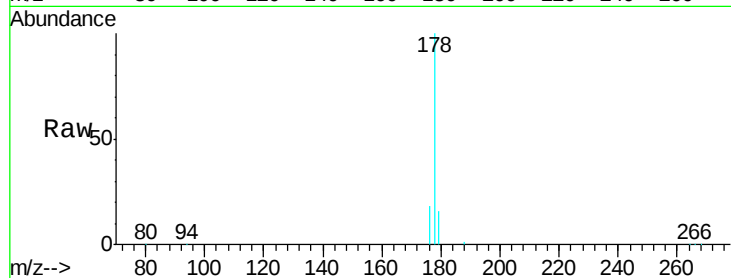
#13
 Anthracene
 Concen: 8.074 ng/ul
 RT: 17.09 min Scan# 3689
 Delta R.T. -0.00 min
 Lab File: BN008383.D
 Acq: 24 Oct 2019 12:27

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 278904
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.6
 176 18.2 15.0 22.6

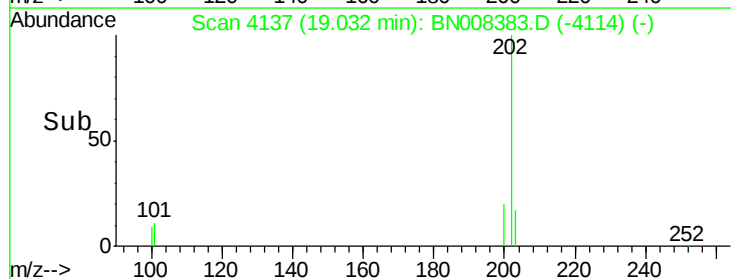
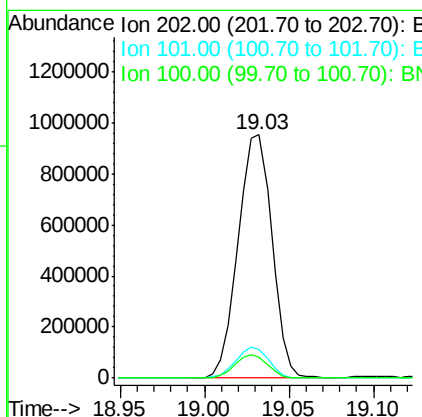
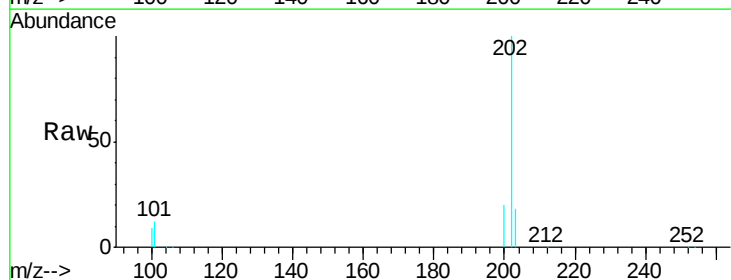
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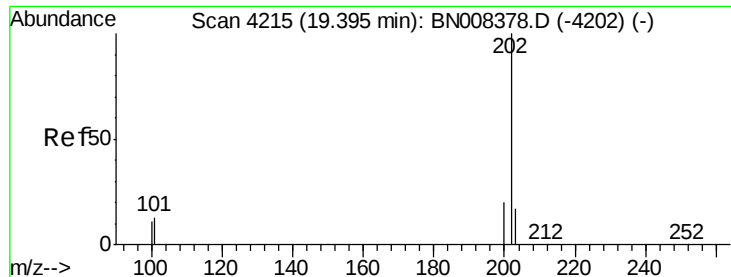
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#15
 Fluoranthene
 Concen: 25.527 ng/ul
 RT: 19.03 min Scan# 4137
 Delta R.T. 0.00 min
 Lab File: BN008383.D
 Acq: 24 Oct 2019 12:27

Tgt Ion:202 Resp: 1323374
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 31.2
 100 8.7 0.0 28.5





#17

Pyrene

Concen: 36.350 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. 0.00 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Instrument :

BNA_N

ClientSampleId :

BEPB7

Tgt Ion:202 Resp: 1661528

Ion Ratio Lower Upper

202 100

101 13.7 10.9 16.3

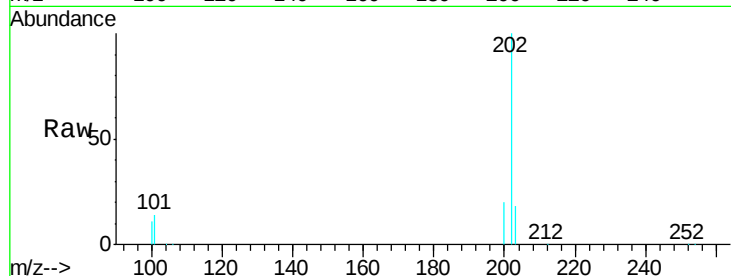
100 11.0 8.7 13.1

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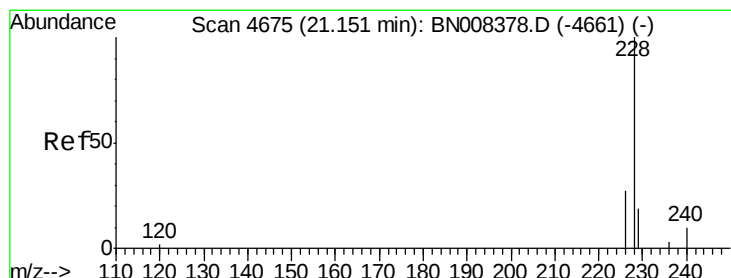
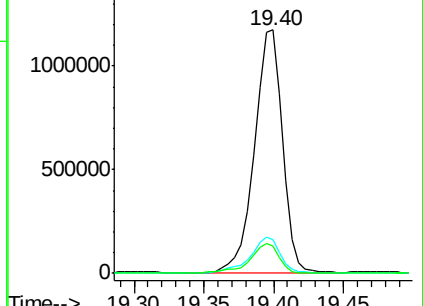
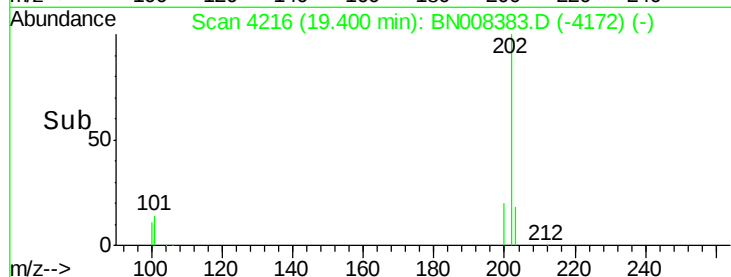
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 19.495 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. 0.00 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

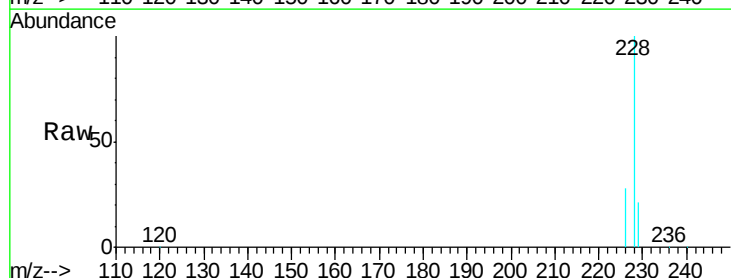
Tgt Ion:228 Resp: 813690

Ion Ratio Lower Upper

228 100

229 20.8 16.2 24.2

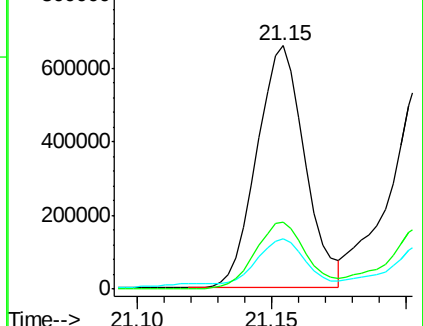
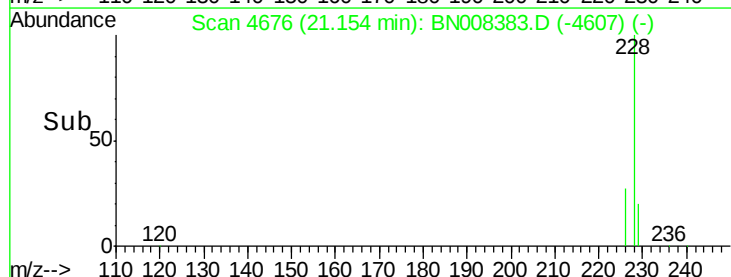
226 27.7 21.4 32.0

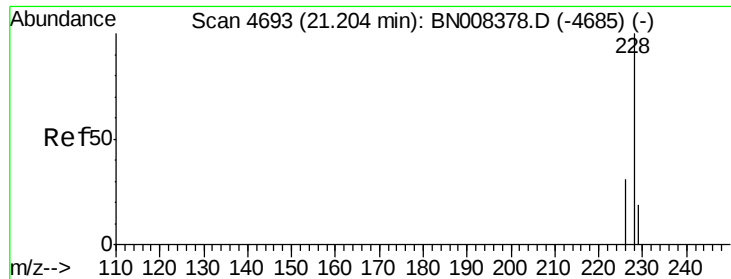


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 15.947 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. 0.00 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Instrument :

BNA_N

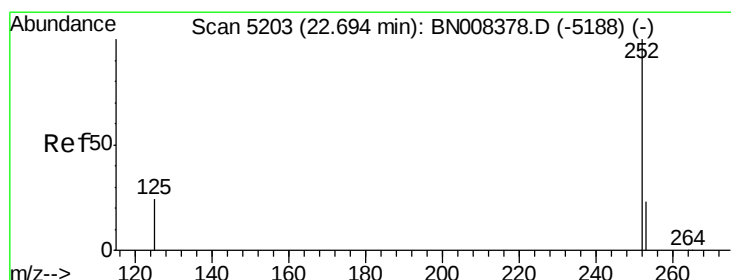
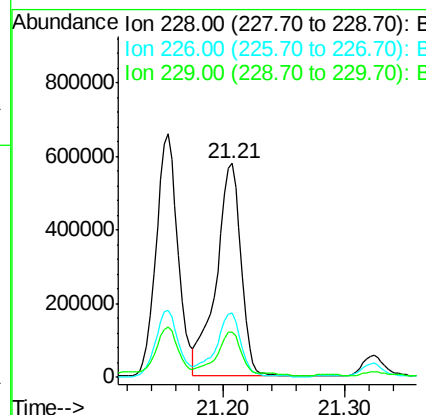
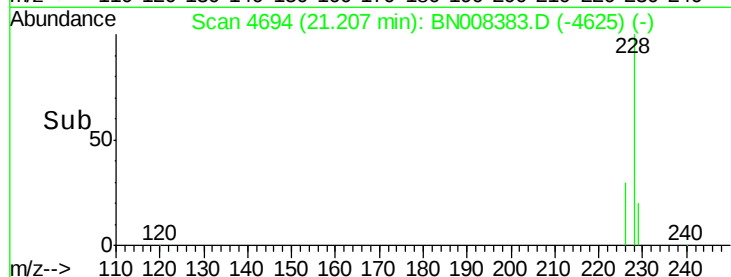
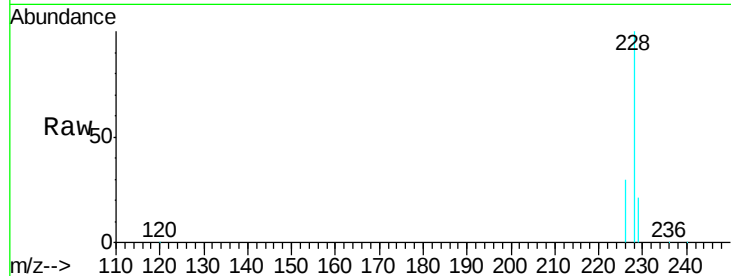
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Tgt Ion:	228	Resp:	816830
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	21.3	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 18.919 ng/ul m

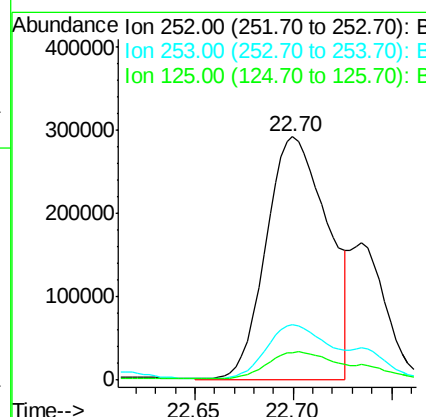
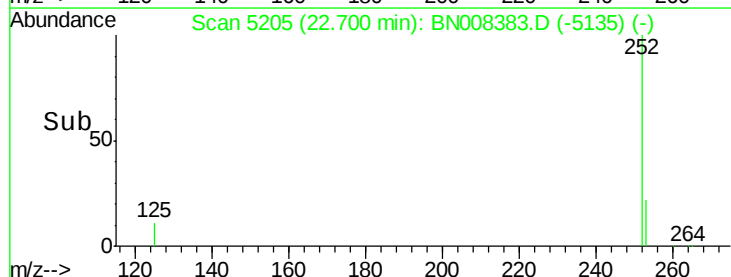
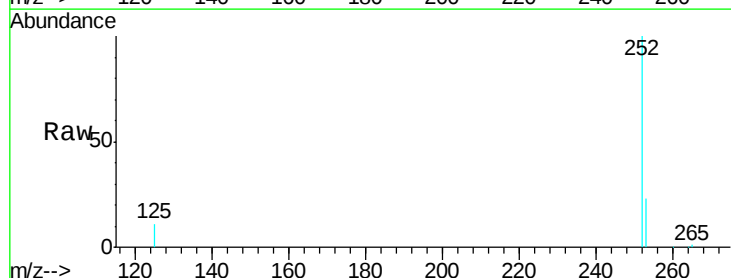
RT: 22.70 min Scan# 5205

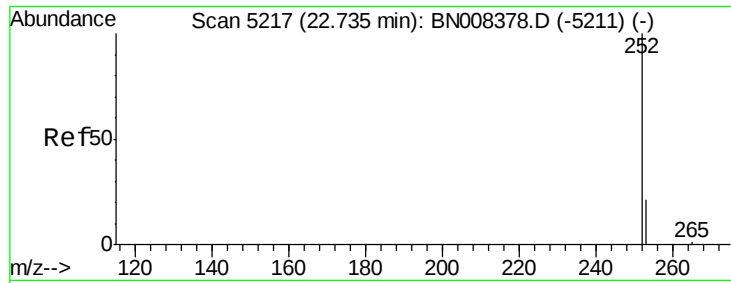
Delta R.T. 0.01 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Tgt Ion:	252	Resp:	643768
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	53.4
125	11.4	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 5.606 ng/ul m

RT: 22.73 min Scan# 5217

Delta R.T. -0.00 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Instrument :

BNA_N

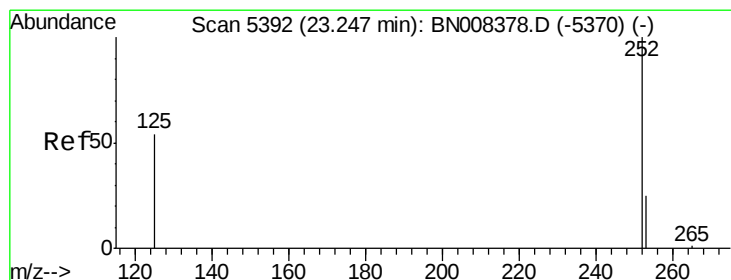
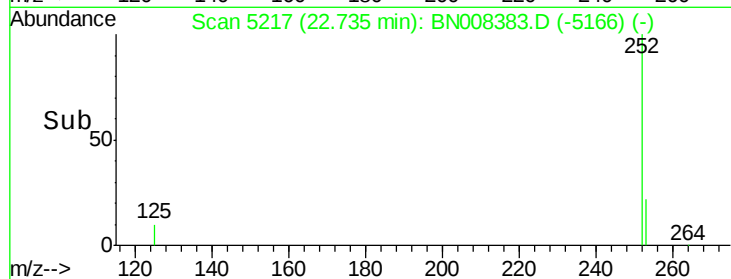
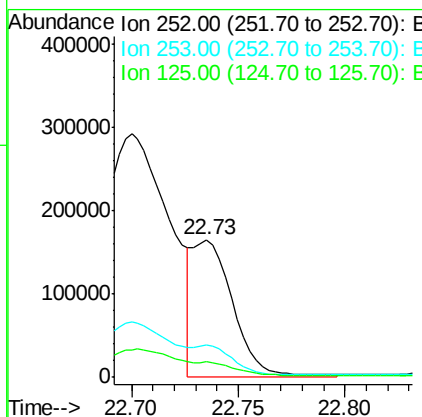
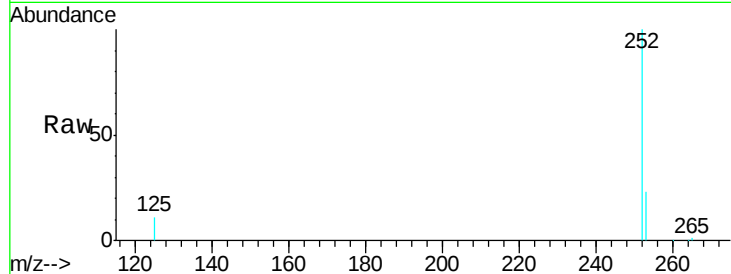
ClientSampleId :

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Tgt Ion:	252	Resp:	216081
Ion Ratio	Lower	Upper	
252	100		
253	23.2	21.3	31.9
125	11.1	12.3	18.5#

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#23

Benzo(a)pyrene

Concen: 13.889 ng/ul

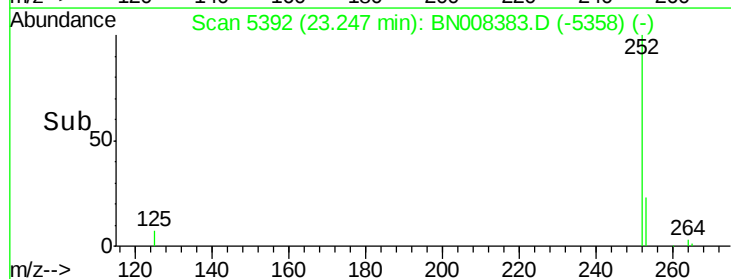
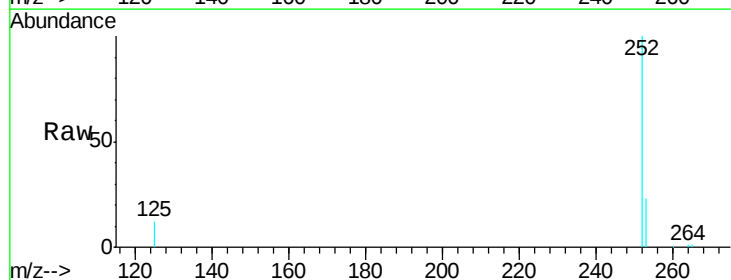
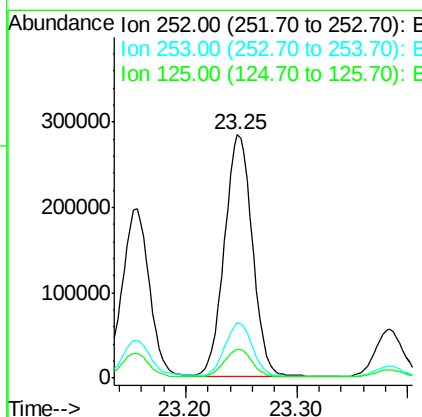
RT: 23.25 min Scan# 5392

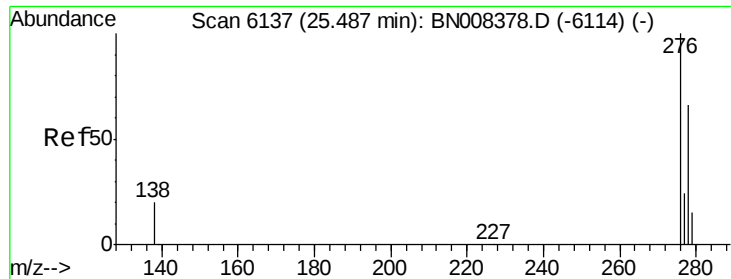
Delta R.T. -0.00 min

Lab File: BN008383.D

Acq: 24 Oct 2019 12:27

Tgt Ion:	252	Resp:	497327
Ion Ratio	Lower	Upper	
252	100		
253	22.6	22.8	34.2#
125	11.8	18.4	27.6#





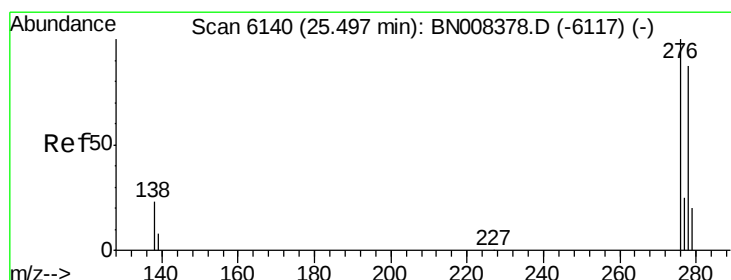
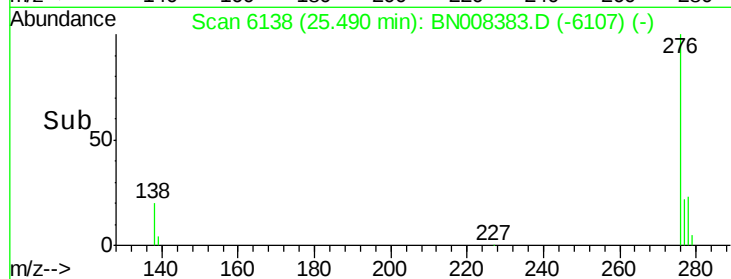
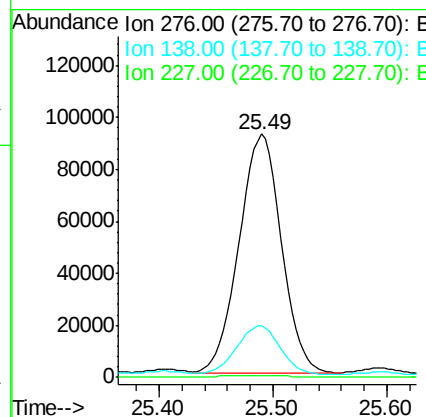
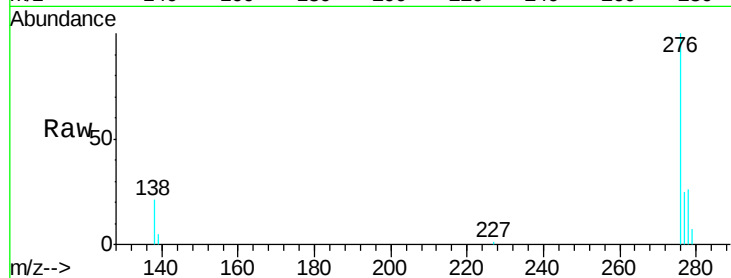
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.602 ng/ul
 RT: 25.49 min Scan# 6138
 Delta R.T. 0.00 min
 Lab File: BN008383.D
 Acq: 24 Oct 2019 12:27

Instrument :
 BNA_N
 ClientSampleId :
 BEPB7

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	236266		
138	21.0	16.1	24.1	
227	0.2	0.2	0.2	

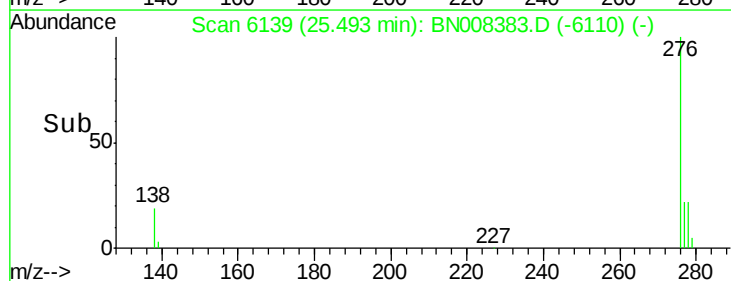
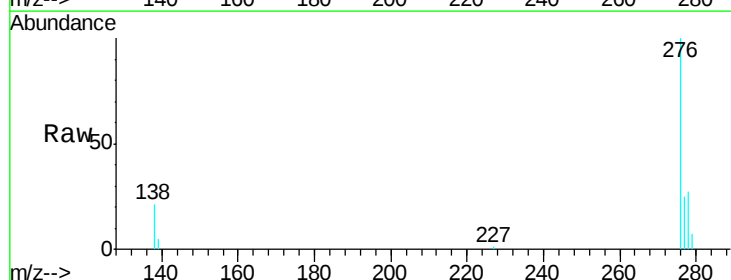
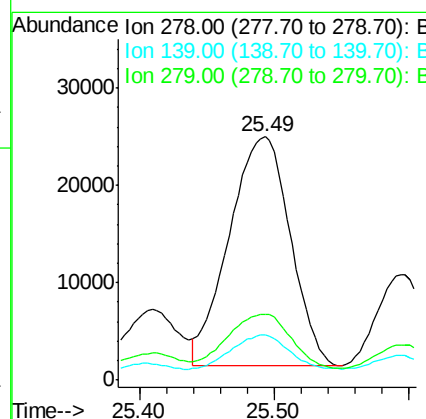
Manual Integrations
 APPROVED

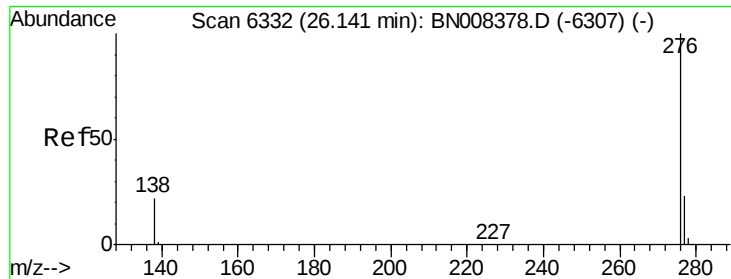
mohammad
 10/25/2019 8:05:26 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.222 ng/ul
 RT: 25.49 min Scan# 6139
 Delta R.T. -0.00 min
 Lab File: BN008383.D
 Acq: 24 Oct 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	74091		
139	18.5	15.0	22.6	
279	27.2	22.4	33.6	





#26
Benzo(g,h,i)perylene
Concen: 6.195 ng/u1
RT: 26.14 min Scan# 6333
Delta R.T. 0.00 min
Lab File: BN008383.D
Acq: 24 Oct 2019 12:27

Instrument :
BNA_N
ClientSampleId :
BEPB7

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.4	17.0	25.4
277	24.4	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/25/2019 8:05:26 AM

