

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
 Data File : BN008430.D
 Acq On : 25 Oct 2019 17:03
 Operator : JU
 Sample : K5236-15DL 10X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPM7DL

Manual Integrations
 APPROVED

mohammad
 10/25/2019 9:29:20 PM

Quant Time: Oct 25 17:47:51 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 : Fri Oct 25 13:14:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	704	0.40	ng/ul	0.00
2) Naphthalene-d8	10.34	136	3642	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2486	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	5108	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	4110	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	3927	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	229	0.04	ng/ul	0.02
14) Fluoranthene-d10	19.00	212	774	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	782	0.066	ng/ul#	79
8) Acenaphthene	14.27	153	345	0.037	ng/ul#	90
9) Fluorene	15.26	166	420	0.040	ng/ul#	90
12) Phenanthrene	17.00	178	10039	0.671	ng/ul	99
13) Anthracene	17.09	178	1566	0.119	ng/ul#	88
15) Fluoranthene	19.03	202	31499	1.595	ng/ul	99
17) Pyrene	19.39	202	29088	1.777	ng/ul	100
18) Benzo(a)anthracene	21.15	228	12627	0.845	ng/ul	95
19) Chrysene	21.20	228	13357	0.728	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	17643m	1.380	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	6672m	0.461	ng/ul	
23) Benzo(a)pyrene	23.24	252	10455	0.777	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.49	276	7917	0.500	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.49	278	1521	0.121	ng/ul#	52
26) Benzo(g,h,i)perylene	26.14	276	8027	0.552	ng/ul#	94

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

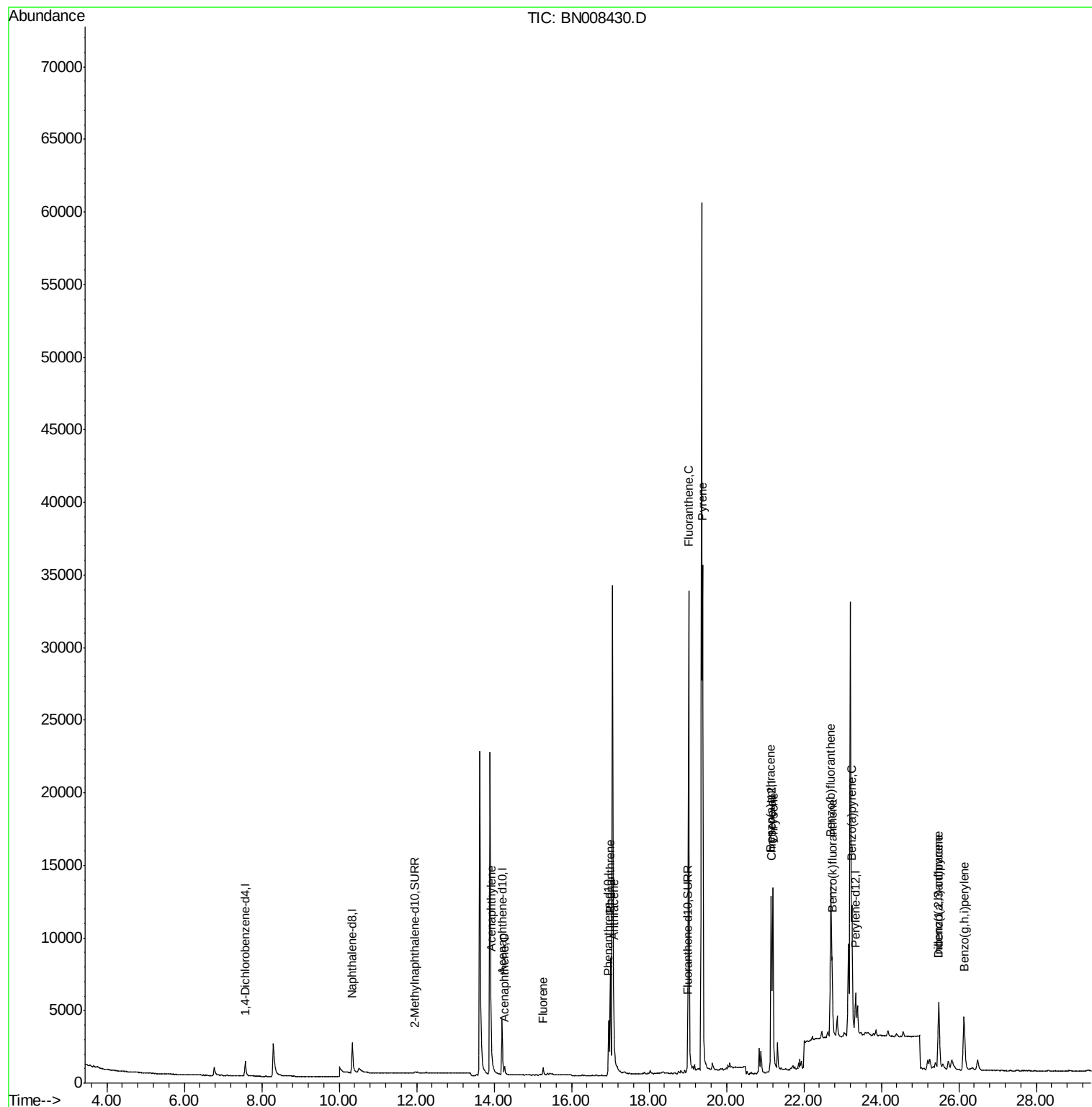
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008430.D
Acq On : 25 Oct 2019 17:03
Operator : JU
Sample : K5236-15DL 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

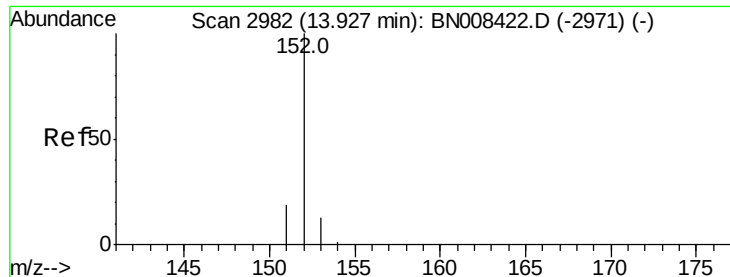
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.066 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

Instrument :

BNA_N

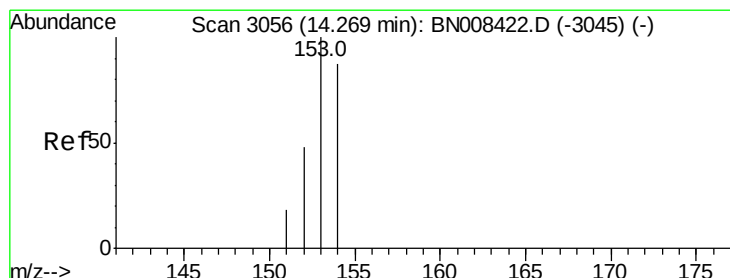
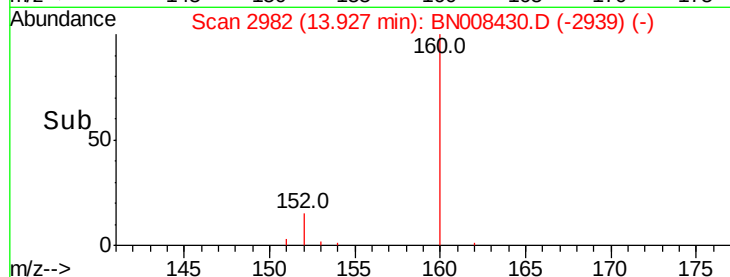
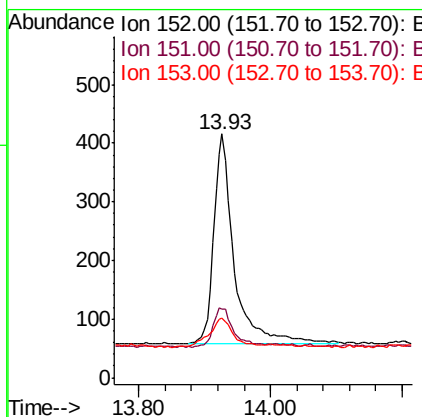
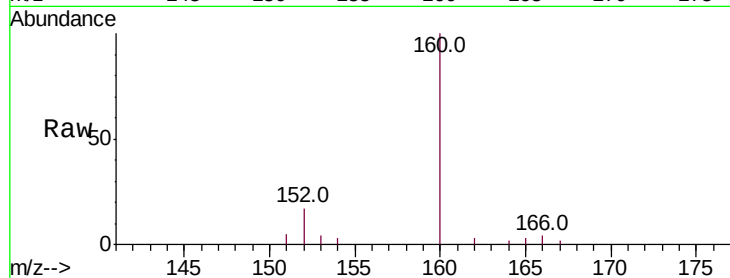
ClientSampleID :

BEPM7DL

Tot Ion:	152	Resp:	782
Ion Ratio	Lower	Upper	
152	100		
151	28.4	16.2	24.4#
153	24.3	11.0	16.4#

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#8

Acenaphthene

Concen: 0.037 ng/ul

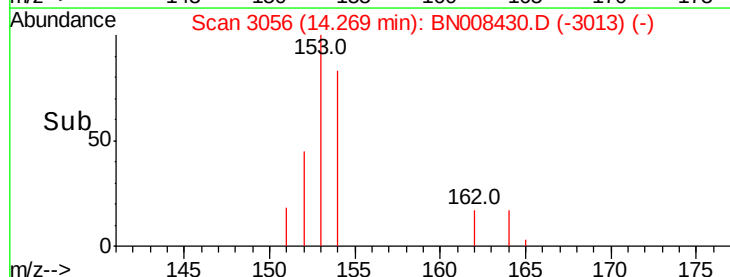
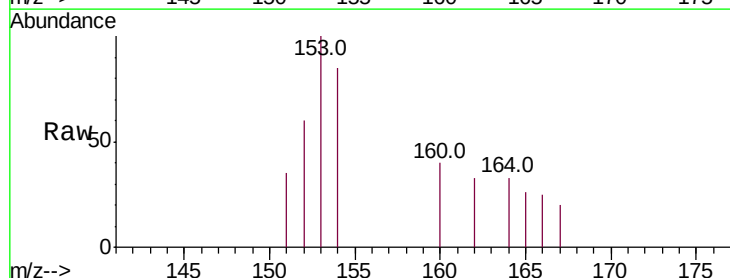
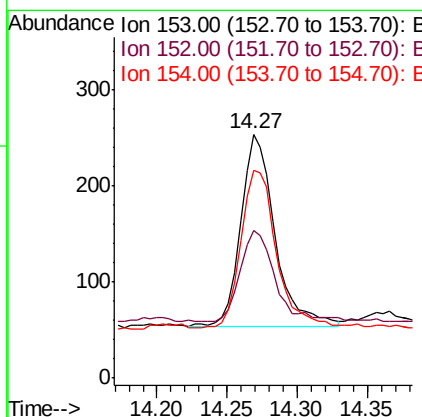
RT: 14.27 min Scan# 3056

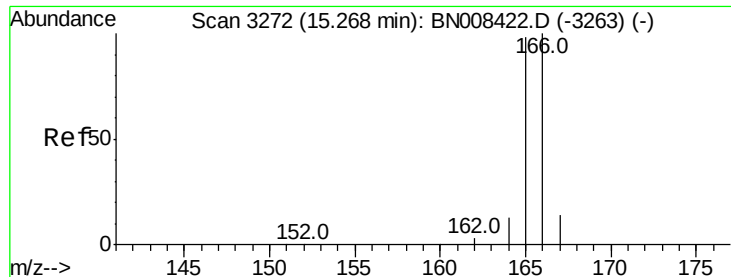
Delta R.T. 0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

Tgt Ion:	153	Resp:	345
Ion Ratio	Lower	Upper	
153	100		
152	60.5	38.2	57.2#
154	85.0	71.8	107.8





#9

Fluorene

Concen: 0.040 ng/ul

RT: 15.26 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

Instrument :

BNA_N

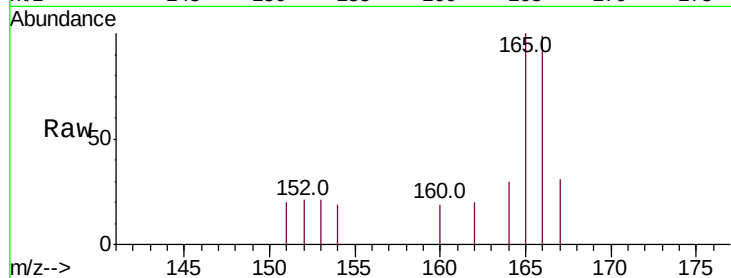
ClientSampleId :

BEPMDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.1	76.6	115.0
167	31.0	11.7	17.5#

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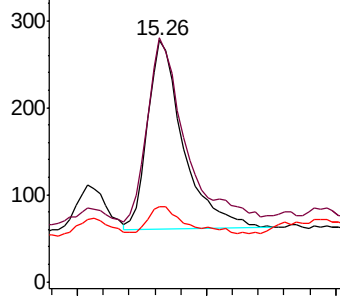


Abundance

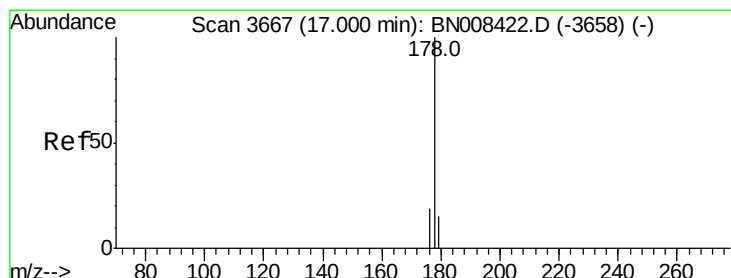
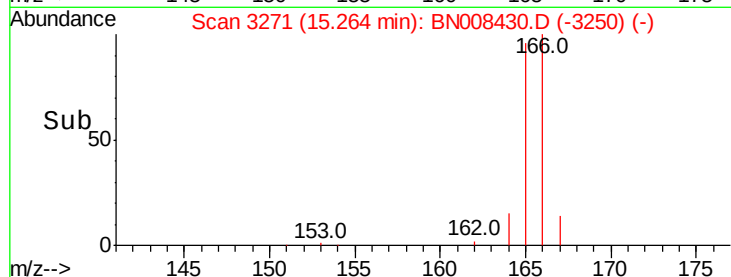
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#12

Phenanthrene

Concen: 0.671 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

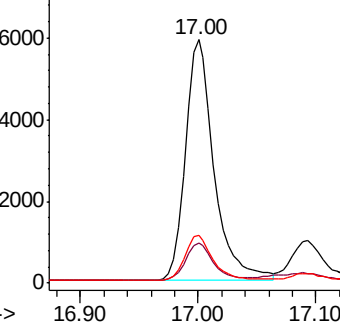
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	19.6	15.4	23.2

Abundance

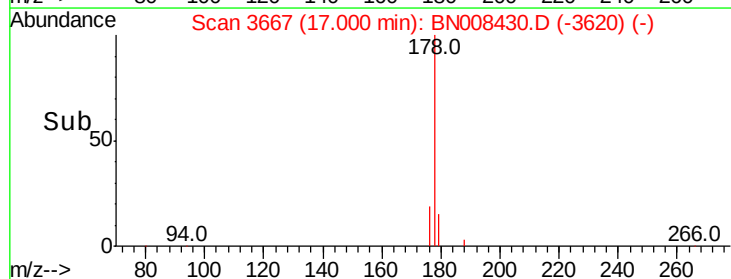
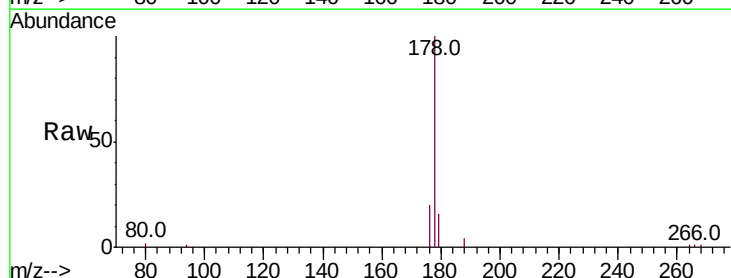
Ion 178.00 (177.70 to 178.70): E

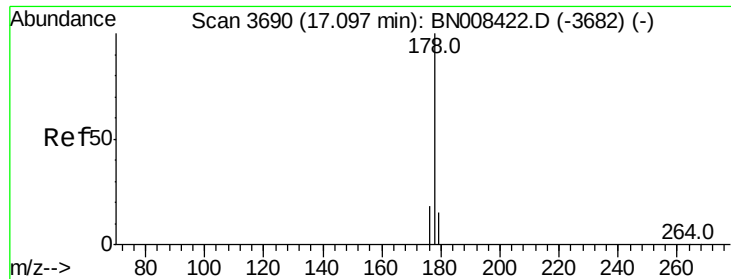
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.119 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

Instrument :

BNA_N

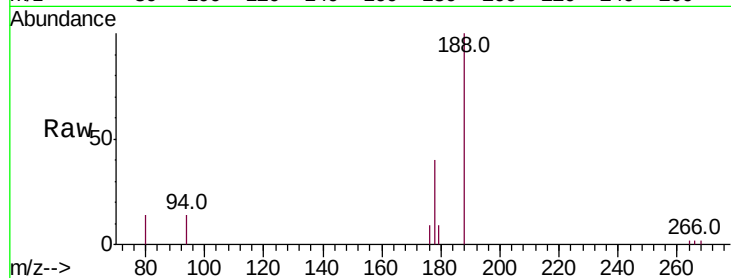
ClientSampleId :

BEPMDL

Tot Ion:	178	Resp:	1566
Ion Ratio	Lower	Upper	
178	100		
179	23.0	13.0	19.6#
176	22.7	15.0	22.6#

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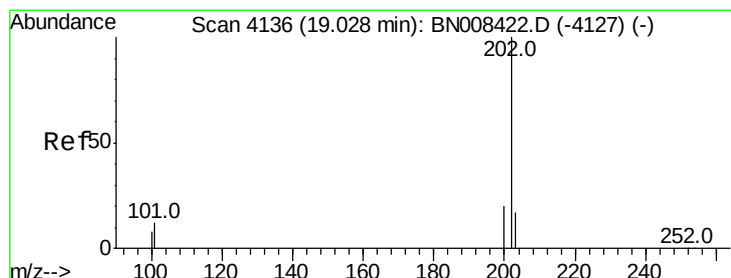
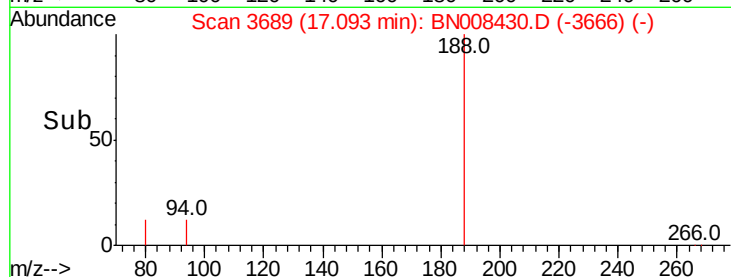
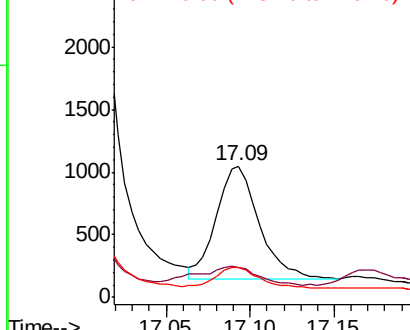


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 1.595 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. 0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

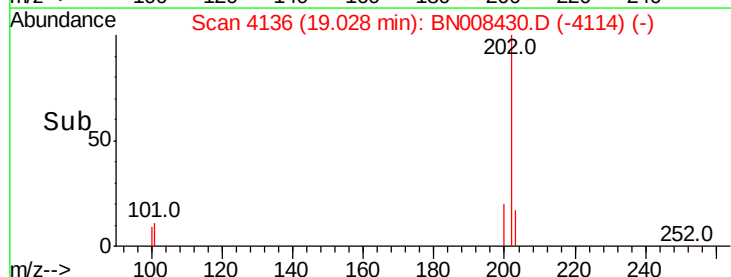
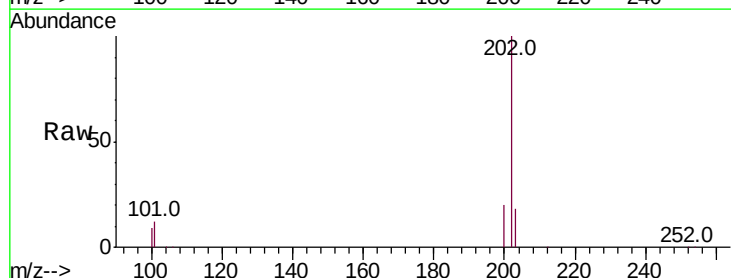
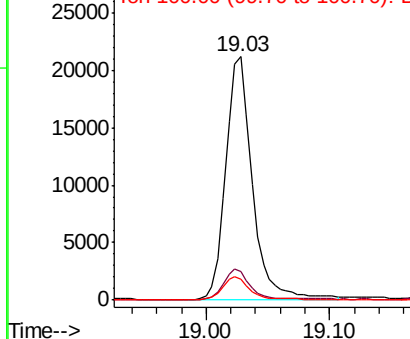
Tgt Ion:	202	Resp:	31499
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.2
100	8.8	0.0	28.5

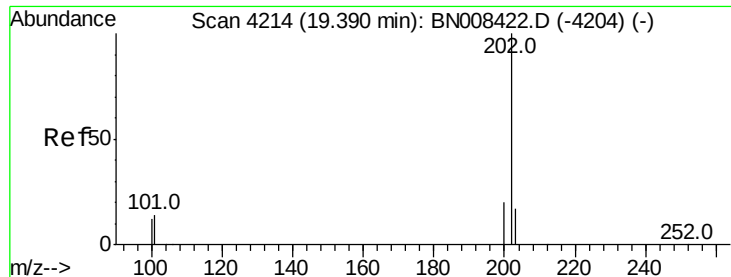
Abundance

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

Pvrene

Concen: 1.777 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. 0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

Instrument :

BNA_N

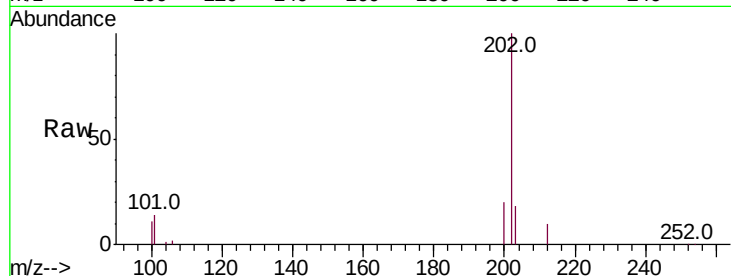
ClientSampleID :

BEPMDL

Tot Ion:	202	Resp:	29088
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.9	16.3
100	11.0	8.7	13.1

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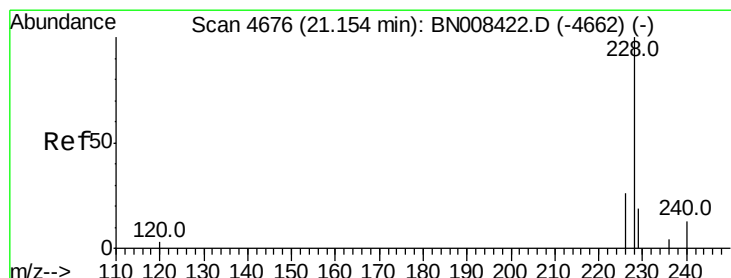
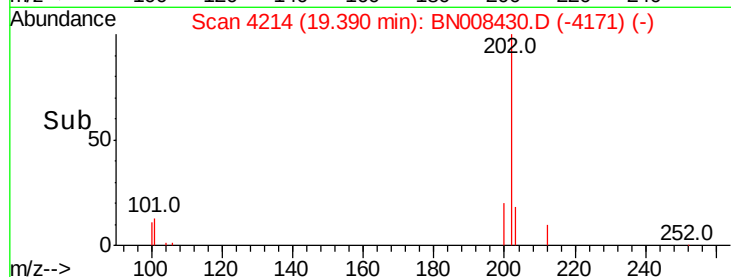
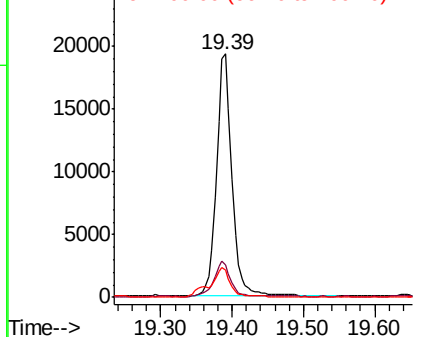


Abundance

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



#18

Benzo(a)anthracene

Concen: 0.845 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

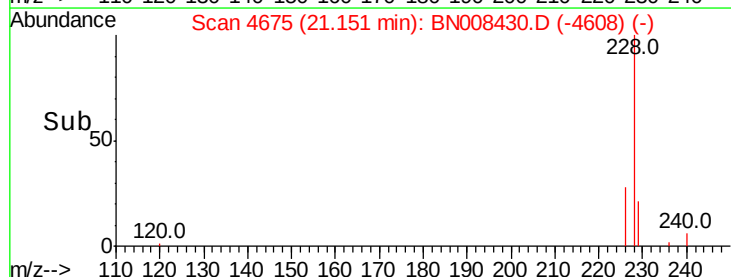
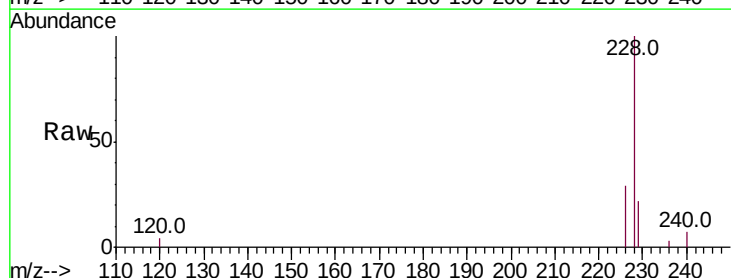
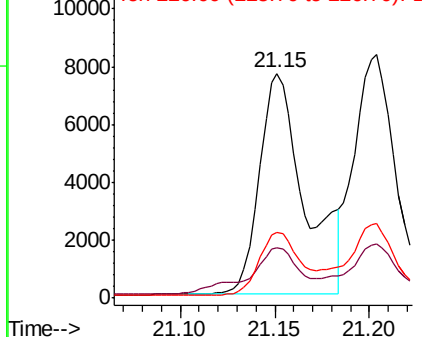
Tgt Ion:	228	Resp:	12627
Ion Ratio	Lower	Upper	
228	100		
229	22.5	16.2	24.2
226	29.1	21.4	32.0

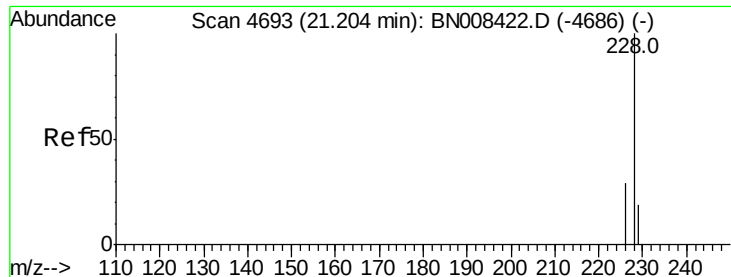
Abundance

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: 0.728 ng/ul

RT: 21.20 min Scan# 4693

Delta R.T. 0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

Instrument :

BNA_N

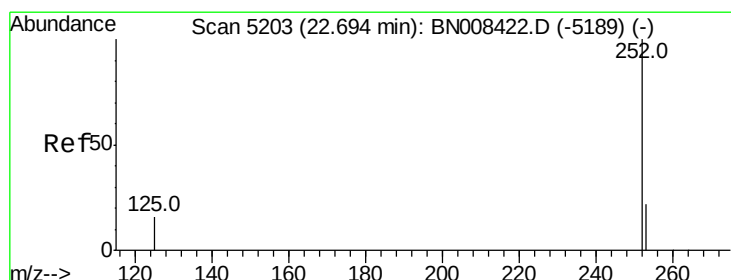
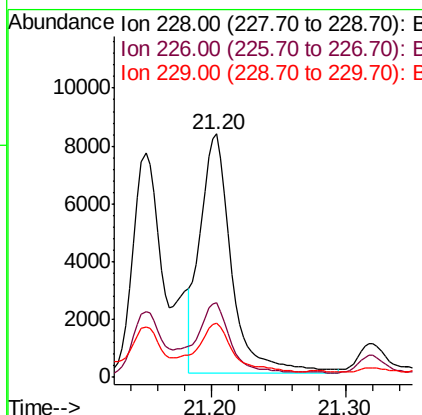
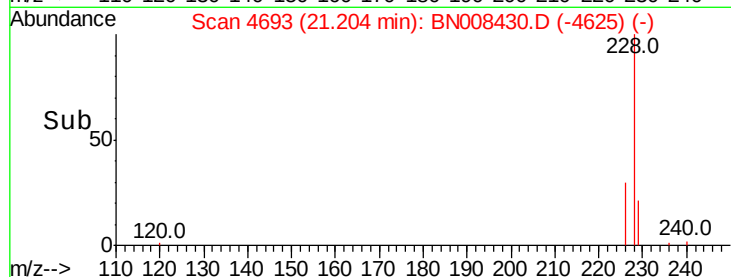
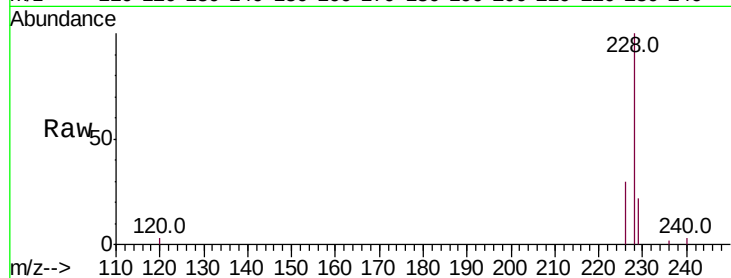
ClientSampleID :

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Tot Ion:	228	Resp:	13357
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.1	36.1
229	22.3	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 1.380 ng/ul m

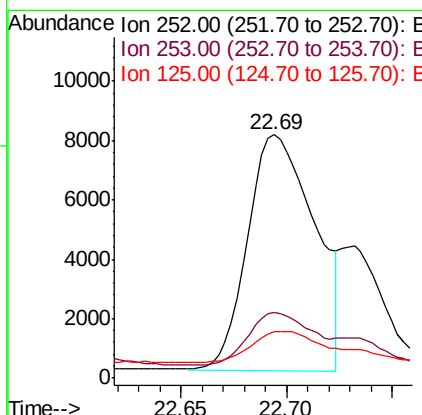
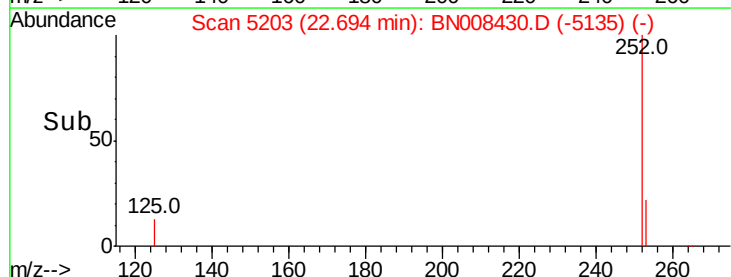
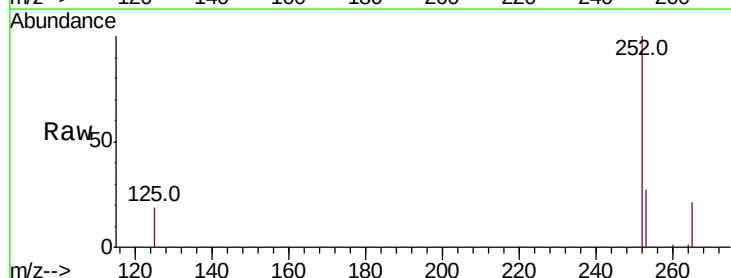
RT: 22.69 min Scan# 5203

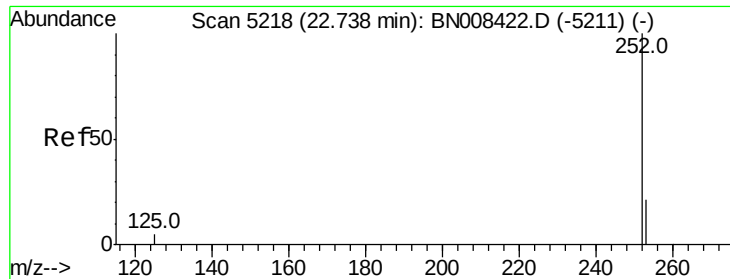
Delta R.T. 0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

Tgt Ion:	252	Resp:	17643
Ion Ratio	Lower	Upper	
252	100		
253	26.8	0.0	53.4
125	19.0	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.461 ng/ul m

RT: 22.73 min Scan# 5216

Delta R.T. -0.01 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

Instrument :

BNA_N

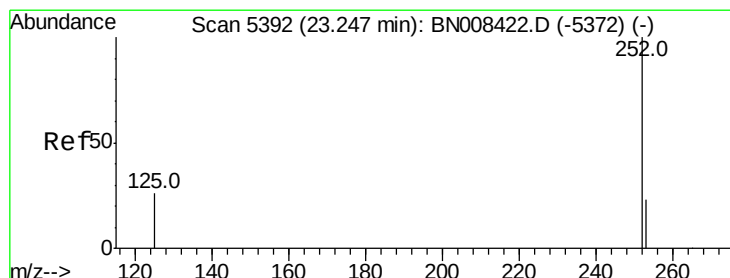
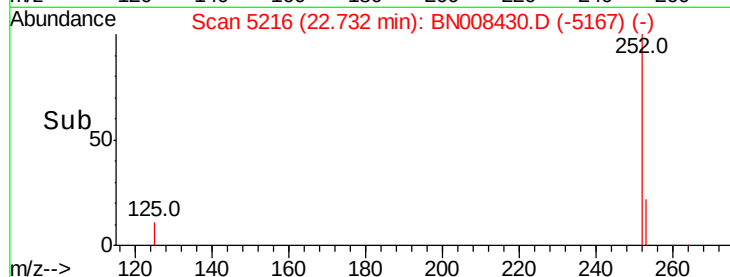
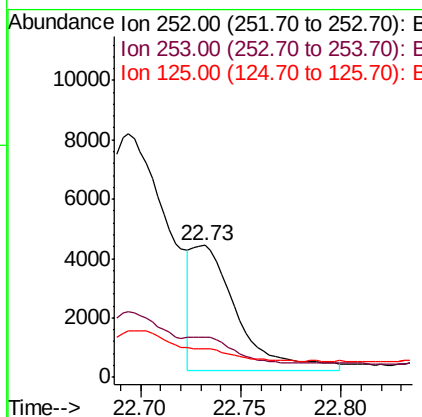
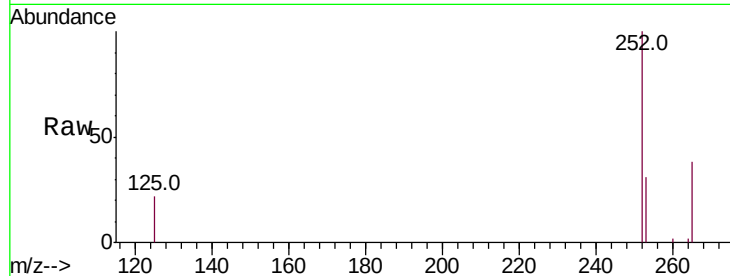
ClientSampled :

BEPMDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.5	21.3	31.9
125	21.8	12.3	18.5

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#23

Benzo(a)pyrene

Concen: 0.777 ng/ul

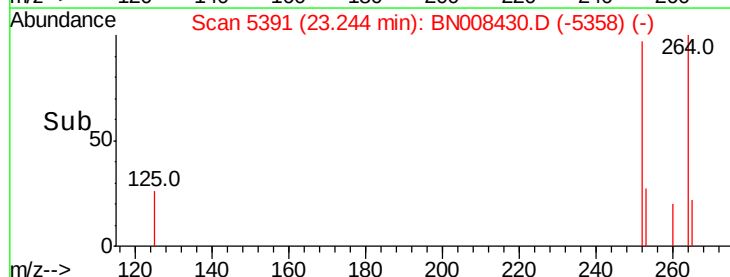
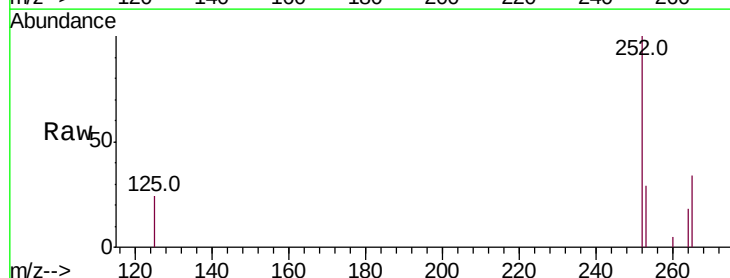
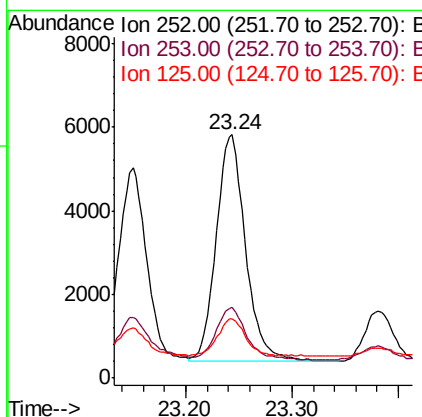
RT: 23.24 min Scan# 5391

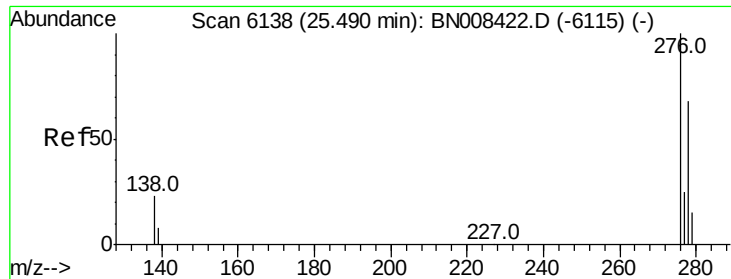
Delta R.T. -0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	22.8	34.2
125	24.4	18.4	27.6





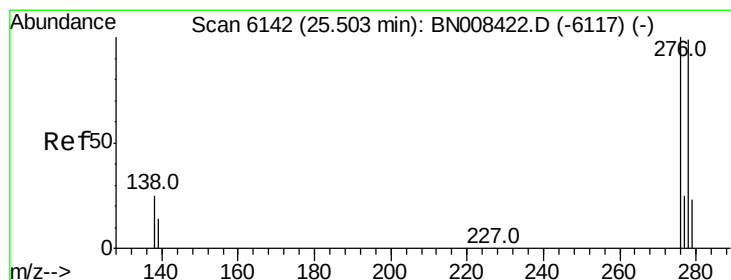
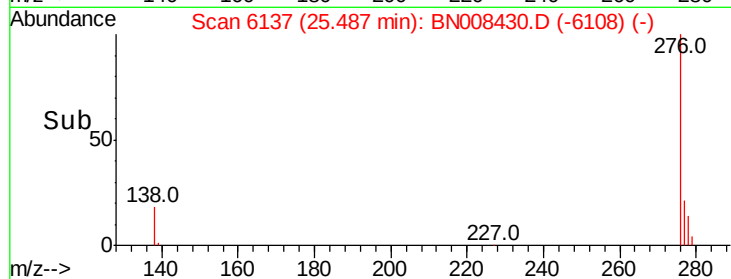
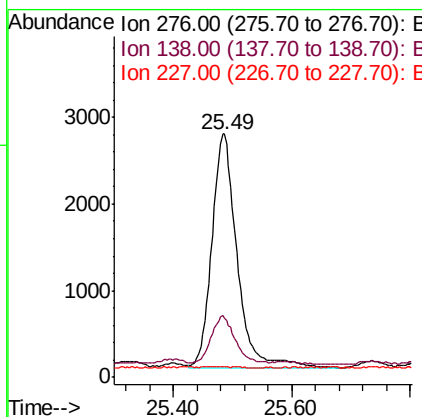
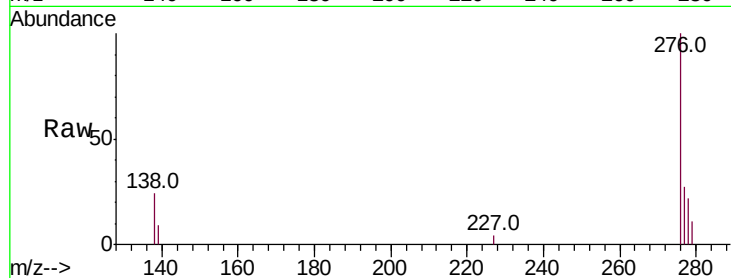
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.500 ng/ul
 RT: 25.49 min Scan# 6137
 Delta R.T. -0.00 min
 Lab File: BN008430.D
 Acq: 25 Oct 2019 17:03

Instrument :
 BNA_N
 ClientSampleId :
 BEPM7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.1	24.1
227	0.1	0.2	0.2

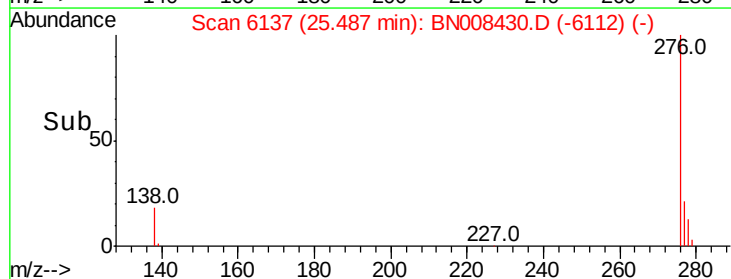
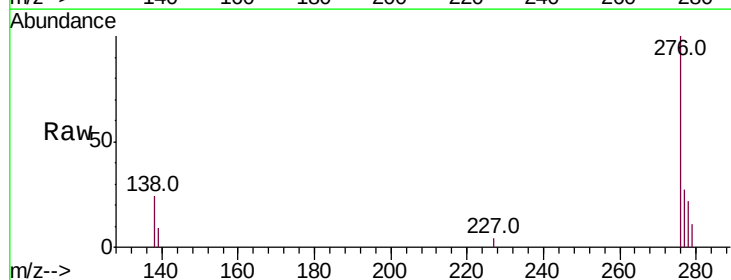
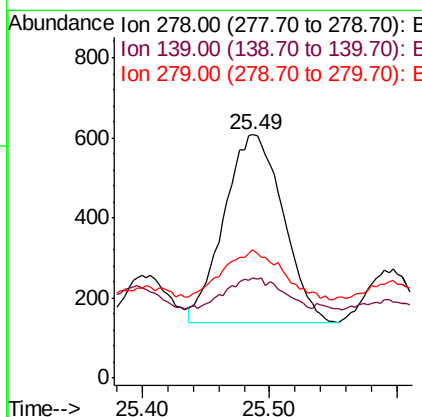
Manual Integrations
 APPROVED

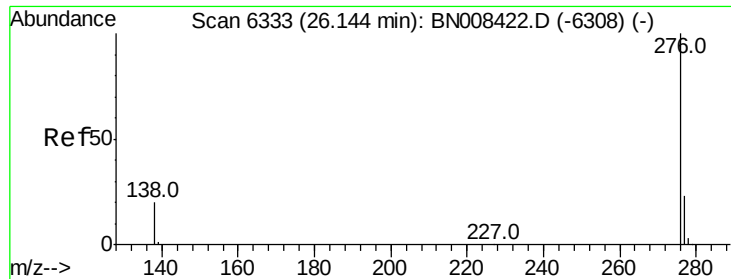
mohammad
 10/25/2019 9:29:20 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.121 ng/ul
 RT: 25.49 min Scan# 6137
 Delta R.T. -0.02 min
 Lab File: BN008430.D
 Acq: 25 Oct 2019 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.4	15.0	22.6
279	52.8	22.4	33.6





#26

Benzo(a,h,i)perylene

Concen: 0.552 ng/ul

RT: 26.14 min Scan# 6332

Delta R.T. -0.00 min

Lab File: BN008430.D

Acq: 25 Oct 2019 17:03

Instrument :

BNA_N

ClientSampleId :

BEPM7DL

Tot Ion:276 Resp: 8027

Ion Ratio Lower Upper

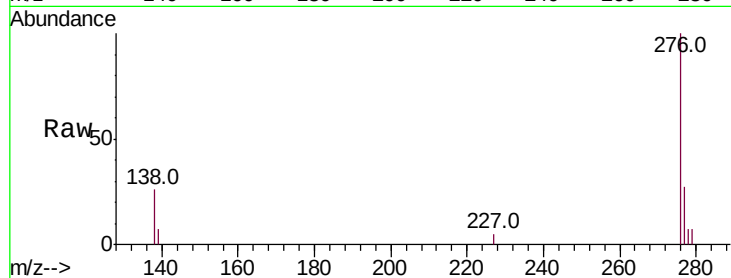
276 100

138 25.9 17.0 25.4#

277 27.2 20.4 30.6

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

