

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007033.D
 Acq On : 08 Aug 2019 19:40
 Operator : HP/JU
 Sample : K3962-22DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ8DL

Manual Integrations
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Quant Time: Aug 09 02:49:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6128	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	24609	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	15298	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	38588	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	29816	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	26910	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	2504	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	7783	0.06	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.82	152	3141	0.035	ng/ul#	93
8) Acenaphthene	14.18	153	1774	0.029	ng/ul	97
9) Fluorene	15.17	166	2315	0.031	ng/ul#	96
12) Phenanthrene	16.90	178	61127	0.497	ng/ul	100
13) Anthracene	16.99	178	9936	0.079	ng/ul	98
15) Fluoranthene	18.93	202	185842	1.216	ng/ul	100
17) Pyrene	19.29	202	162578	1.221	ng/ul	98
18) Benzo(a)anthracene	21.06	228	74673	0.570	ng/ul	97
19) Chrysene	21.11	228	85688	0.699	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	102695m	0.941	ng/ul	
22) Benzo(k)fluoranthene	22.61	252	32462m	0.307	ng/ul	
23) Benzo(a)pyrene	23.11	252	61537	0.599	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.30	276	42379	0.383	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.31	278	10095	0.114	ng/ul#	84
26) Benzo(g,h,i)perylene	25.93	276	42985	0.463	ng/ul	99

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

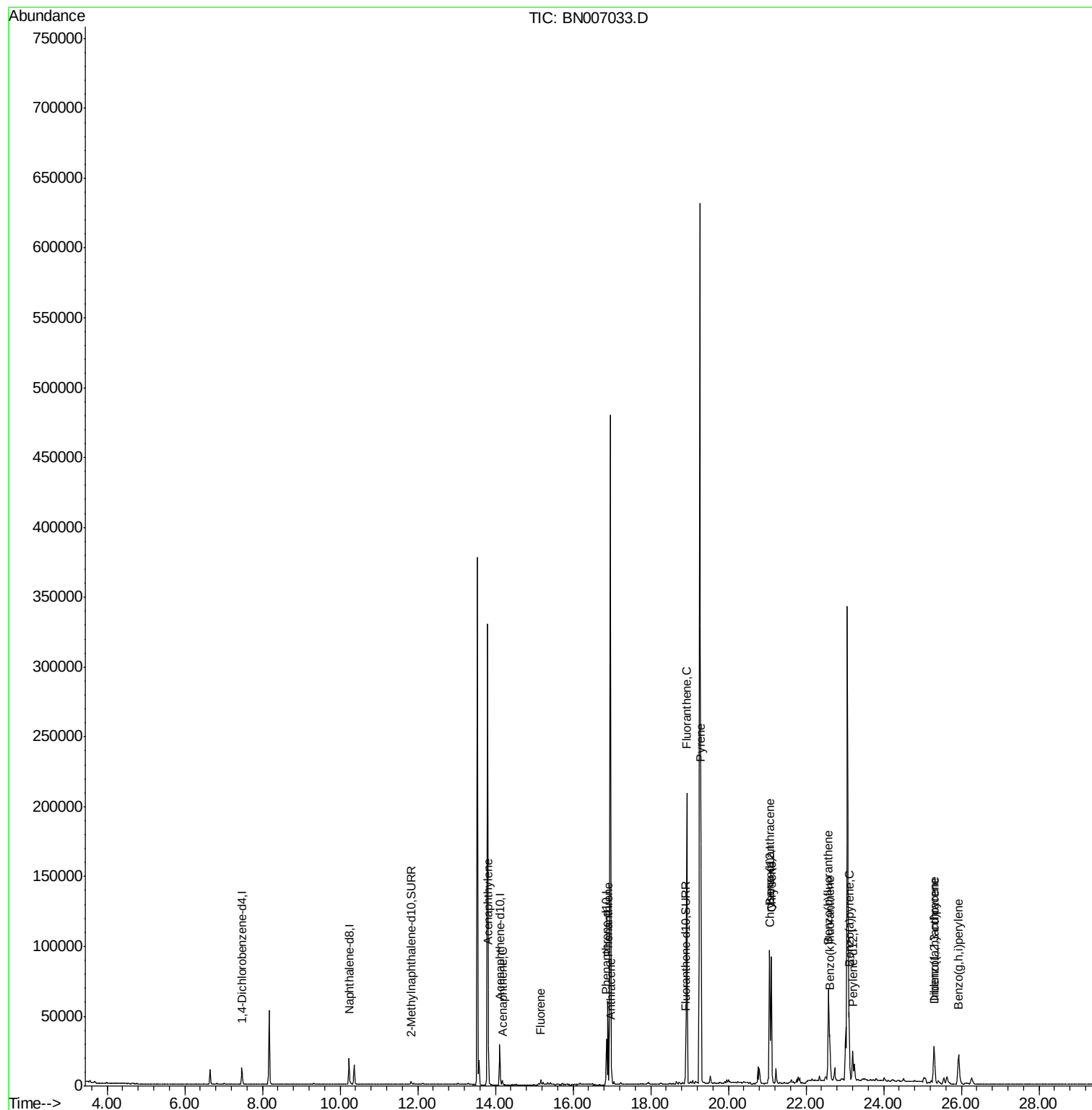
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007033.D
Acq On : 08 Aug 2019 19:40
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Sample : K3962-22DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

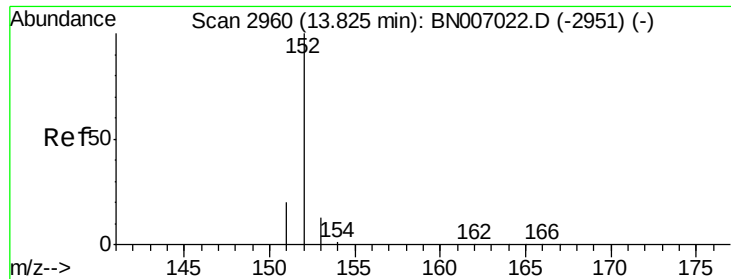
Instrument :
BNA_N
ClientSampleId :
BENZ8DL

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Quant Time: Aug 09 02:49:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 13.82 min Scan# 2960

Delta R.T. -0.00 min

Lab File: BN007033.D

Acq: 08 Aug 2019 19:40

Instrument :

BNA_N

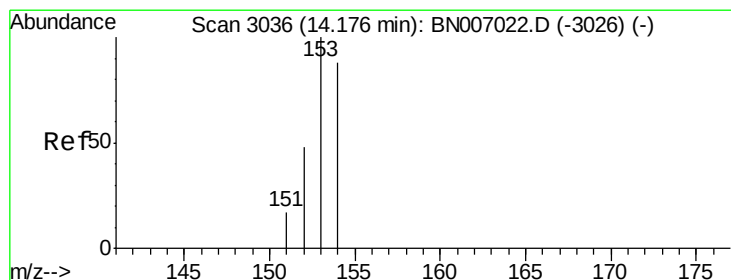
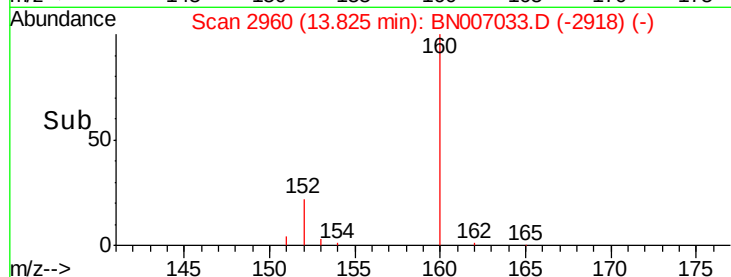
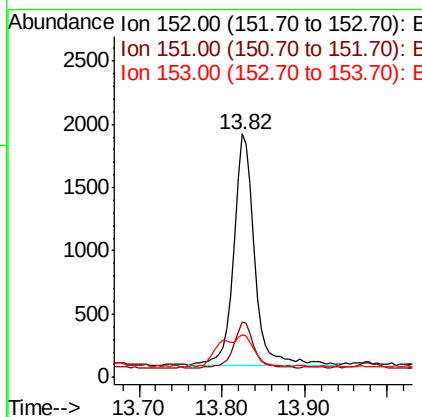
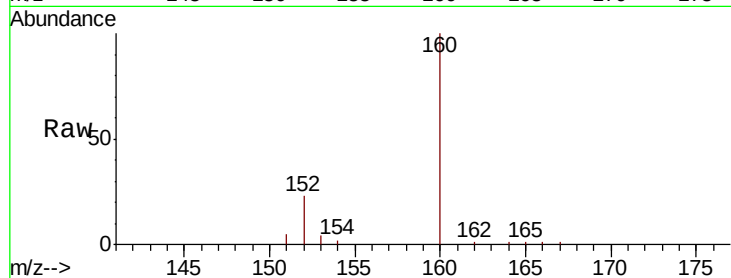
ClientSampled :

BENZ8DL

Tot Ion:	152	Resp:	3141
Ion Ratio	Lower	Upper	
152	100		
151	22.8	16.3	24.5
153	17.5	11.0	16.4

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#8

Acenaphthene

Concen: 0.029 ng/ul

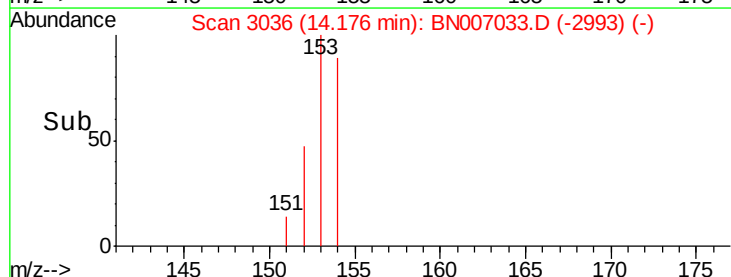
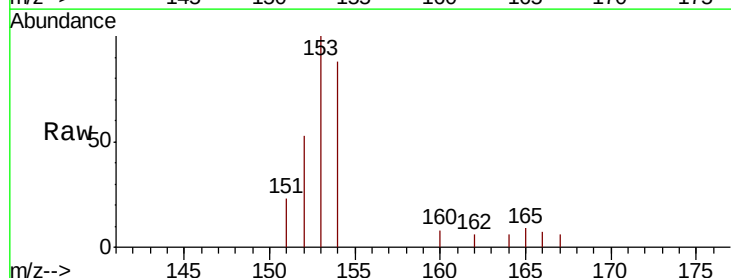
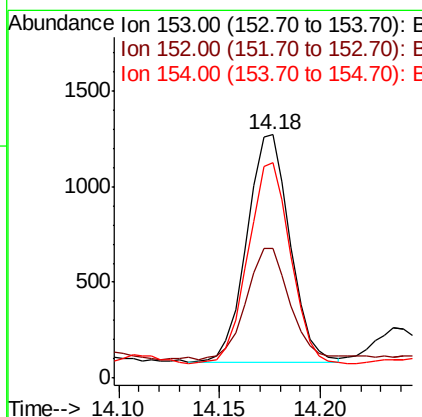
RT: 14.18 min Scan# 3036

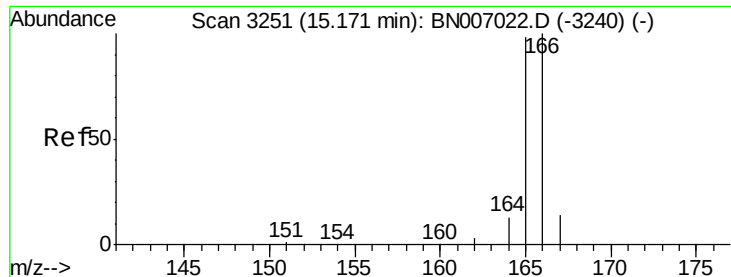
Delta R.T. -0.00 min

Lab File: BN007033.D

Acq: 08 Aug 2019 19:40

Tgt Ion:	153	Resp:	1774
Ion Ratio	Lower	Upper	
153	100		
152	53.1	39.4	59.2
154	88.4	70.1	105.1





#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.17 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BN007033.D

Acq: 08 Aug 2019 19:40

Instrument :

BNA_N

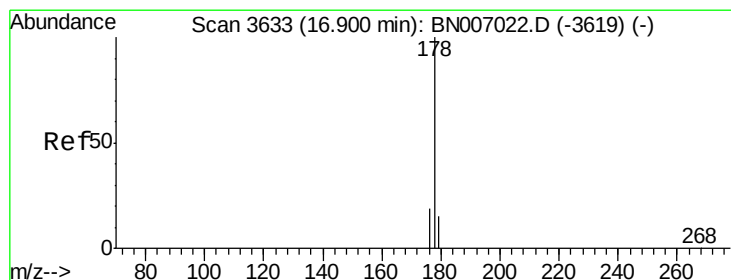
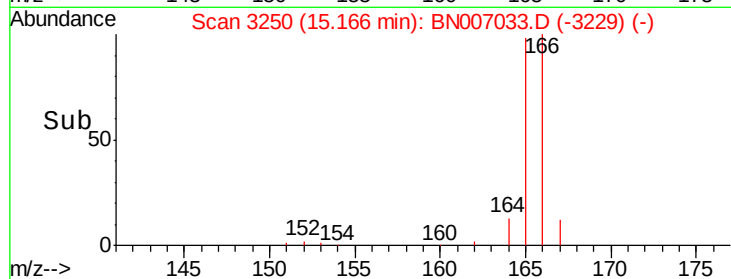
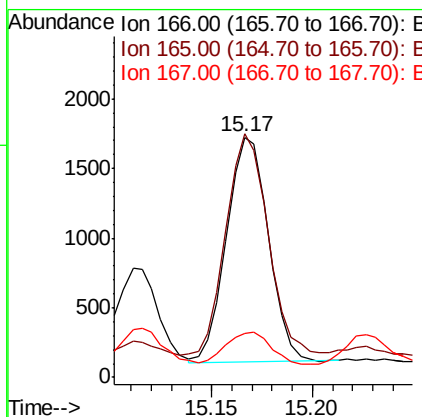
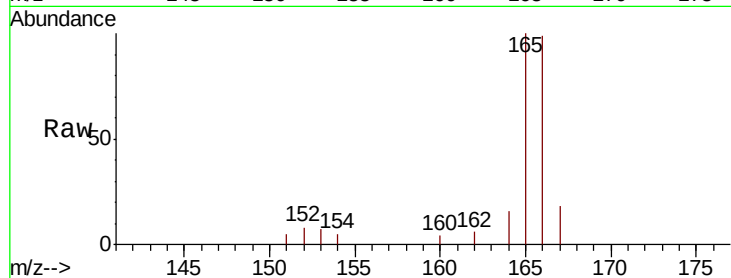
ClientSampleId :

BENZ8DL

Tot Ion:	166	Resp:	2315
Ion Ratio	Lower	Upper	
166	100		
165	101.5	78.8	118.2
167	18.3	11.3	16.9#

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#12

Phenanthrene

Concen: 0.497 ng/ul

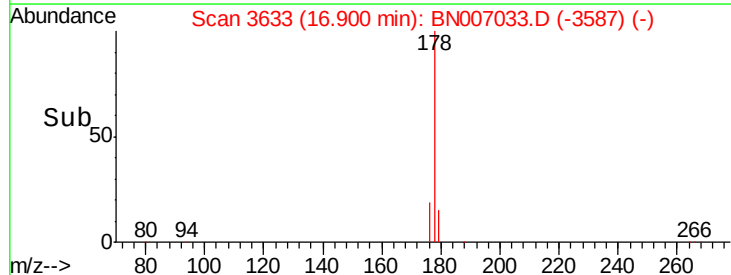
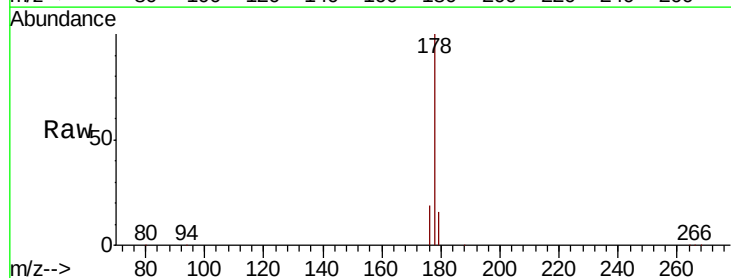
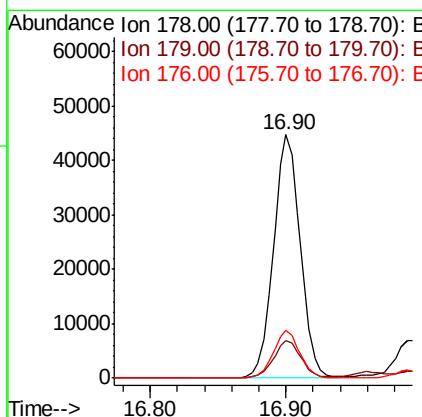
RT: 16.90 min Scan# 3633

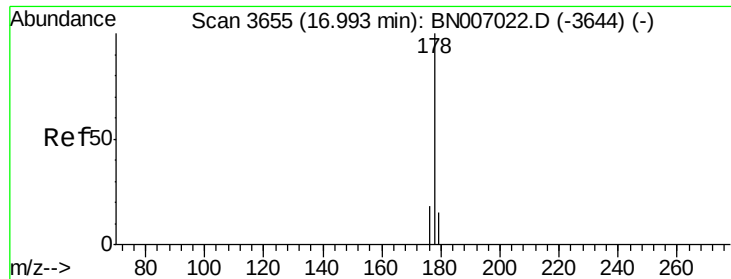
Delta R.T. -0.00 min

Lab File: BN007033.D

Acq: 08 Aug 2019 19:40

Tgt Ion:	178	Resp:	61127
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.5	18.7
176	19.4	15.6	23.4





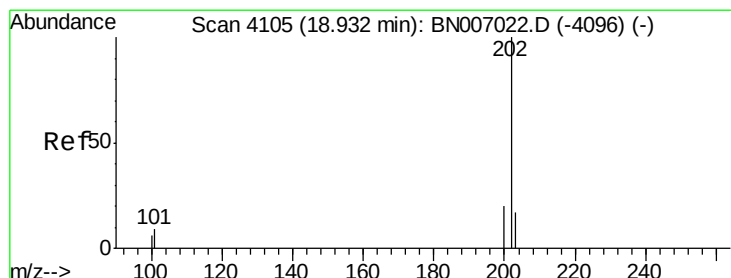
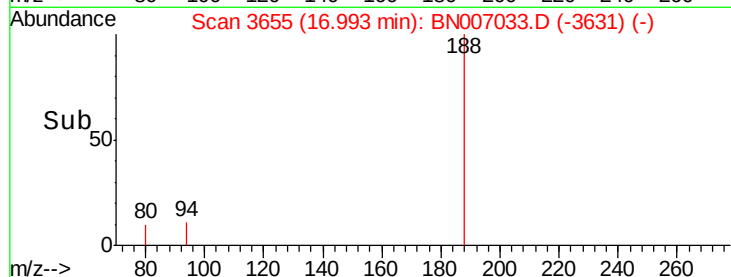
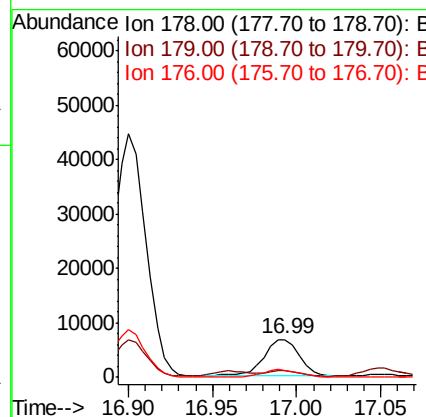
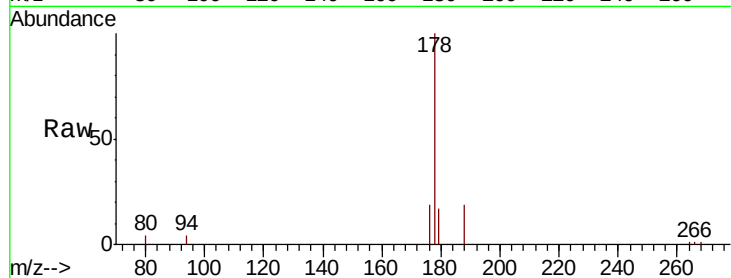
#13
 Anthracene
 Concen: 0.079 ng/ul
 RT: 16.99 min Scan# 3655
 Delta R.T. -0.00 min
 Lab File: BN007033.D
 Acq: 08 Aug 2019 19:40

Instrument :
 BNA_N
 ClientSampleId :
 BENZ8DL

Tot Ion:178 Resp: 9936
 Ion Ratio Lower Upper
 178 100
 179 17.3 12.6 18.8
 176 19.4 15.4 23.0

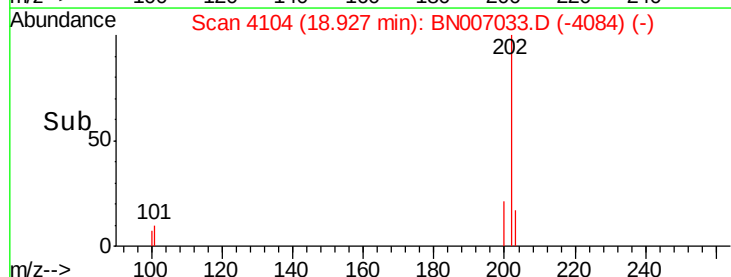
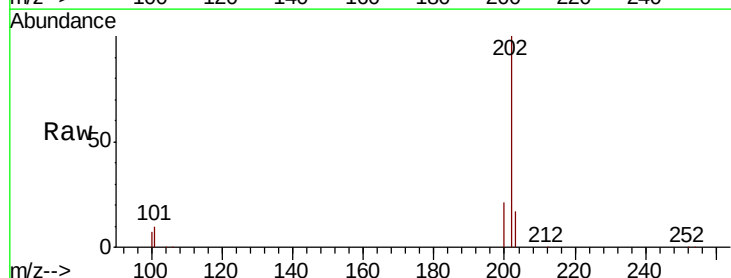
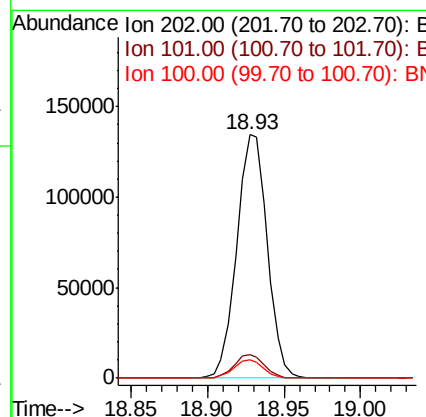
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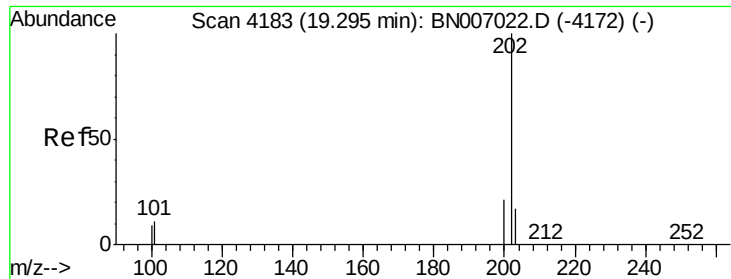
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#15
 Fluoranthene
 Concen: 1.216 ng/ul
 RT: 18.93 min Scan# 4104
 Delta R.T. -0.00 min
 Lab File: BN007033.D
 Acq: 08 Aug 2019 19:40

Tgt Ion:202 Resp: 185842
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 30.0
 100 7.5 0.0 27.7





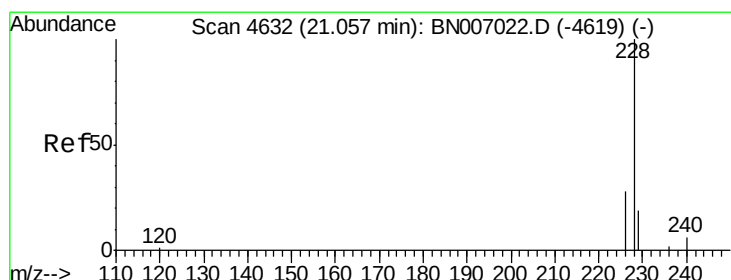
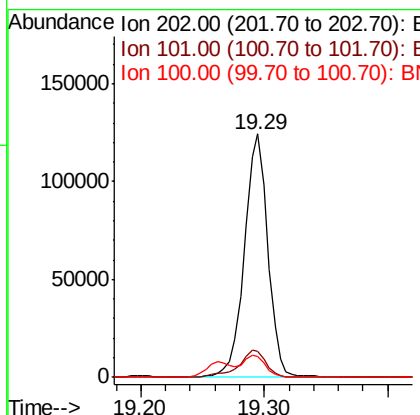
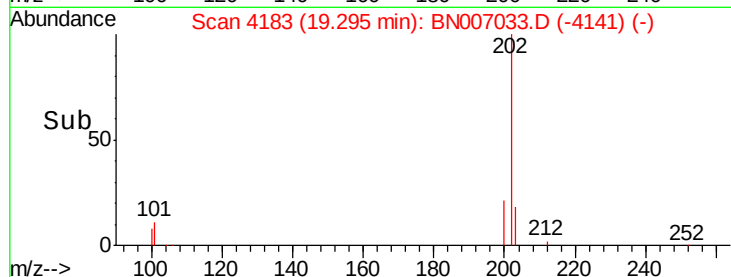
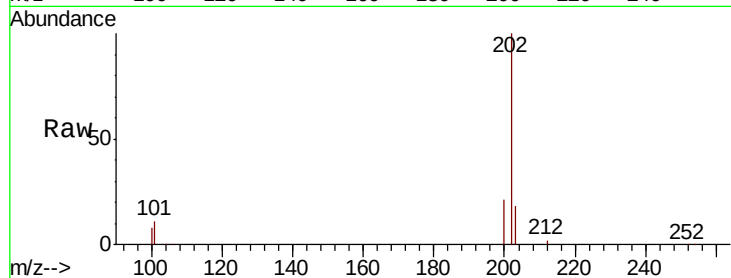
#17
Pvrene
Concen: 1.221 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007033.D
Acq: 08 Aug 2019 19:40

Instrument :
BNA_N
ClientSampleId :
BENZ8DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	9.3	13.9
100	8.4	7.3	10.9

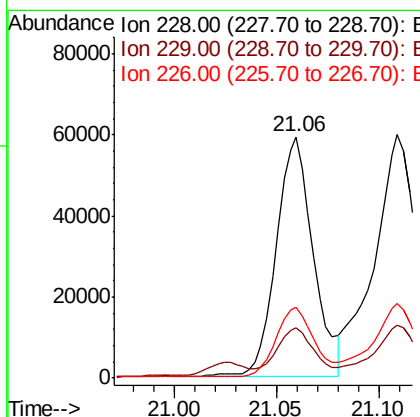
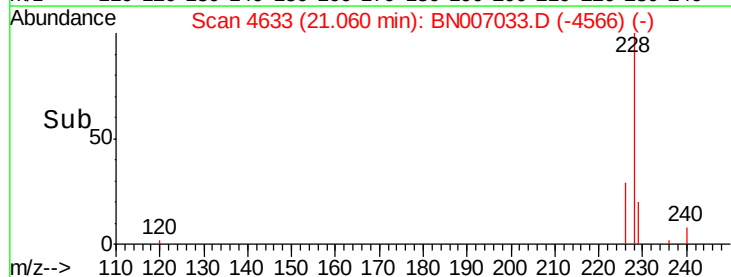
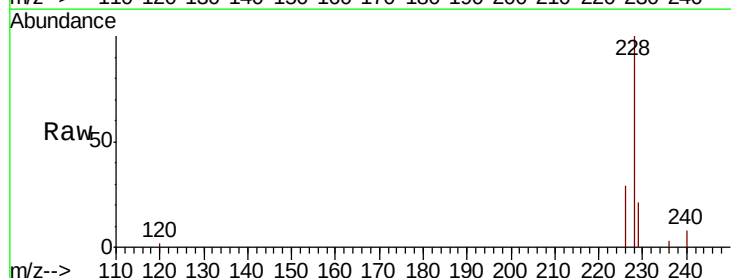
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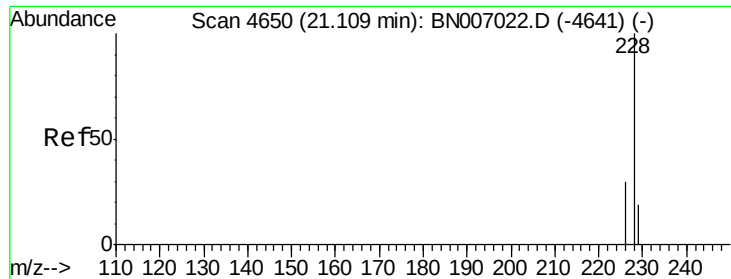
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#18
Benzo(a)anthracene
Concen: 0.570 ng/ul
RT: 21.06 min Scan# 4633
Delta R.T. -0.00 min
Lab File: BN007033.D
Acq: 08 Aug 2019 19:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	15.9	23.9
226	29.4	22.2	33.4





#19

Chrysene

Concen: 0.699 ng/ul

RT: 21.11 min Scan# 4650

Delta R.T. -0.00 min

Lab File: BN007033.D

Acq: 08 Aug 2019 19:40

Instrument :

BNA_N

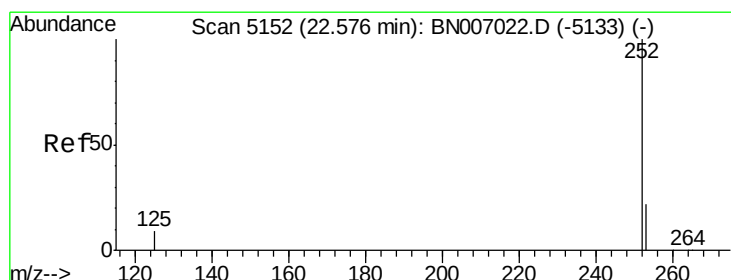
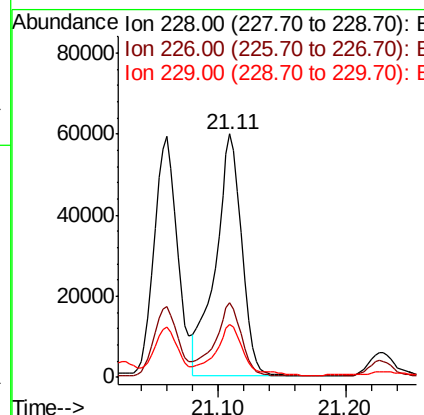
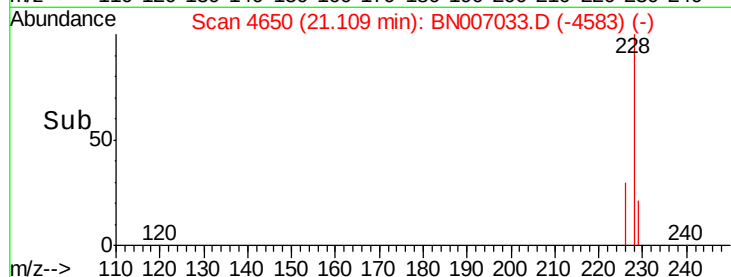
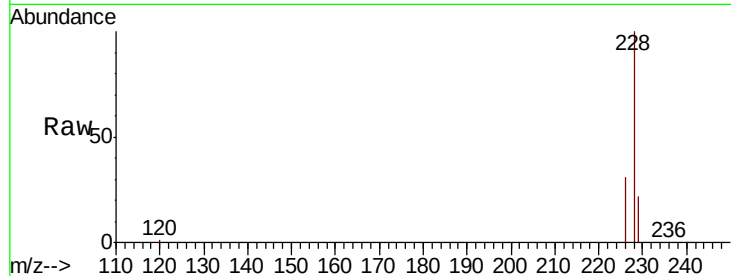
ClientSampleId :

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Tot Ion:	228	Resp:	85688
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	21.8	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.941 ng/ul m

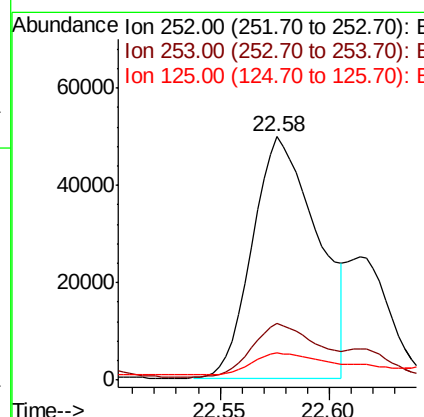
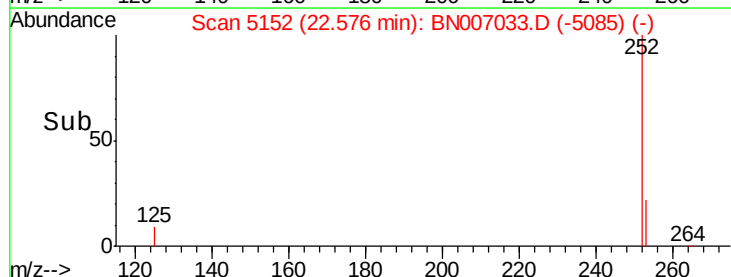
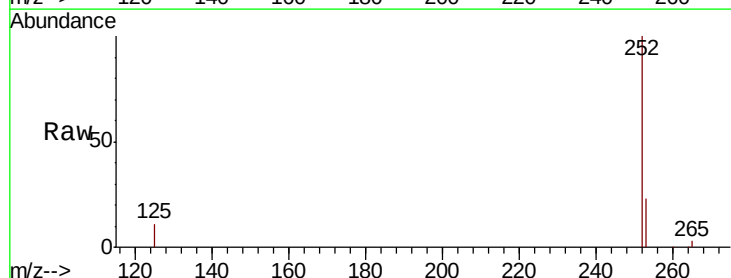
RT: 22.58 min Scan# 5152

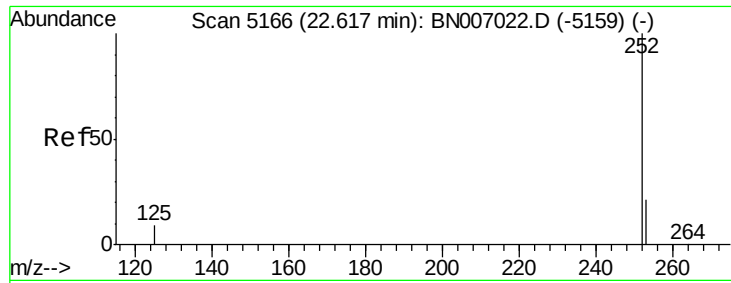
Delta R.T. -0.00 min

Lab File: BN007033.D

Acq: 08 Aug 2019 19:40

Tgt Ion:	252	Resp:	102695
Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	45.2
125	11.1	0.0	22.2





#22

Benzo(k)fluoranthene

Concen: 0.307 ng/ul m

RT: 22.61 min Scan# 5165

Delta R.T. -0.01 min

Lab File: BN007033.D

Acq: 08 Aug 2019 19:40

Instrument :

BNA_N

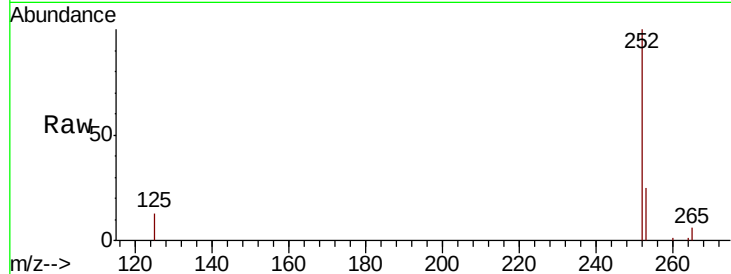
ClientSampleId :

BENZ8DL

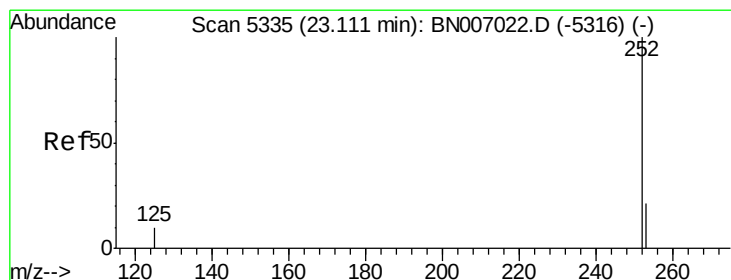
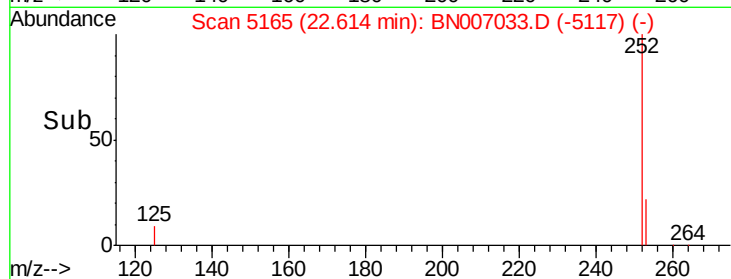
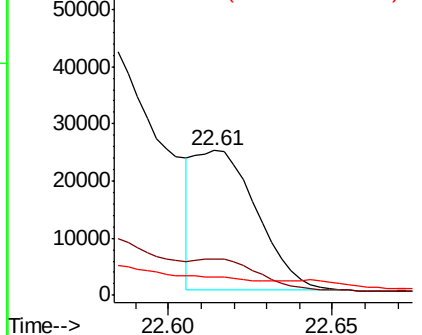
Tot Ion:	252	Resp:	32462
Ion Ratio	Lower	Upper	
252	100		
253	25.3	18.6	28.0
125	12.7	8.7	13.1

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.599 ng/ul

RT: 23.11 min Scan# 5335

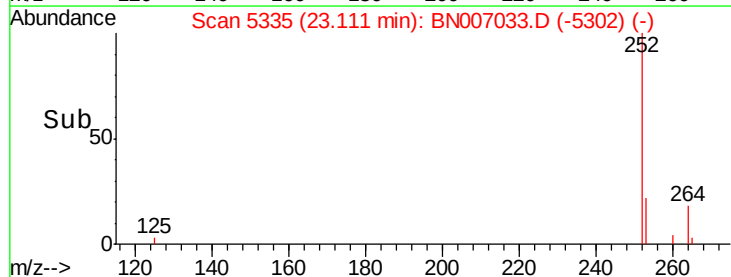
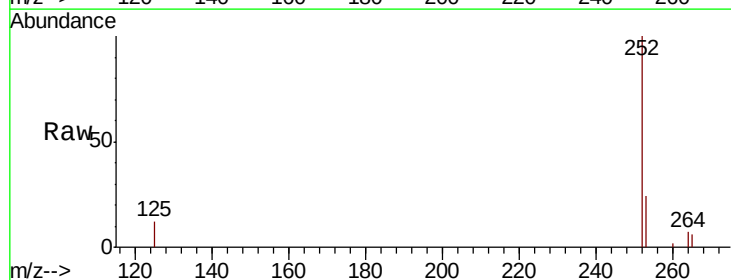
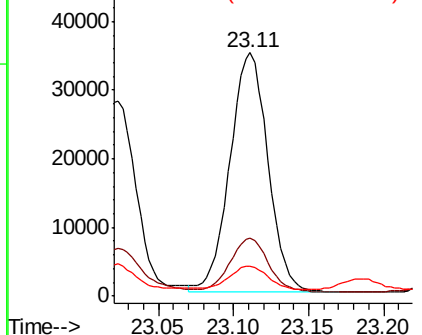
Delta R.T. -0.00 min

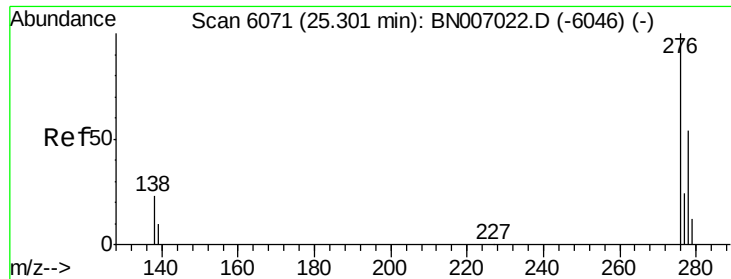
Lab File: BN007033.D

Acq: 08 Aug 2019 19:40

Tgt Ion:	252	Resp:	61537
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	12.3	10.0	15.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





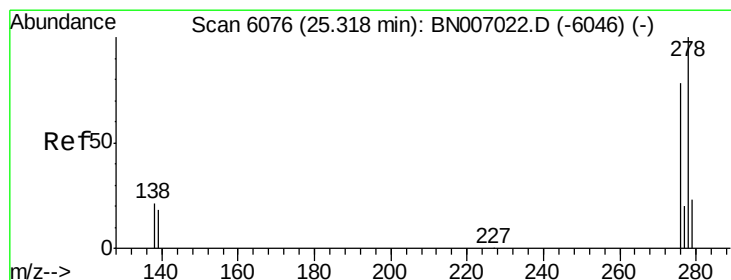
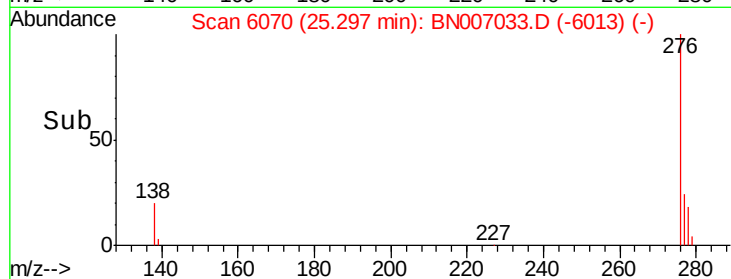
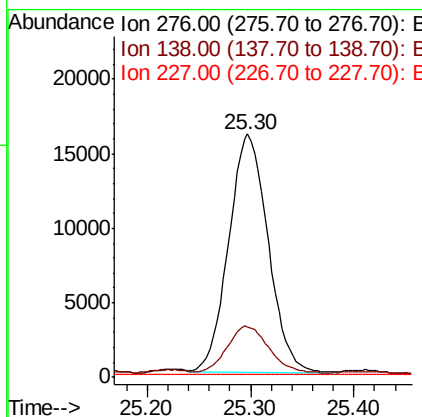
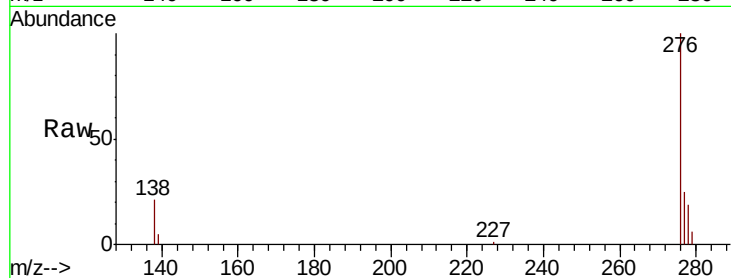
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.383 ng/ul
 RT: 25.30 min Scan# 6070
 Delta R.T. -0.01 min
 Lab File: BN007033.D
 Acq: 08 Aug 2019 19:40

Instrument :
 BNA_N
 ClientSampleId :
 BENZ8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.9	29.9
227	0.2	0.2	0.4

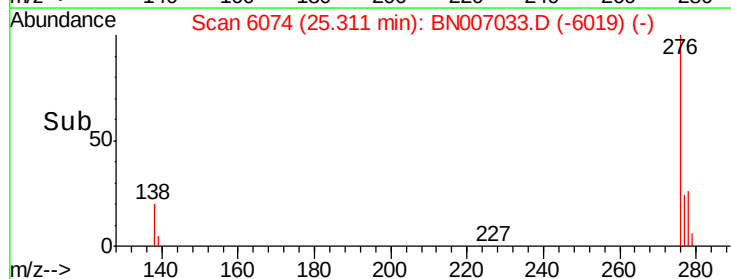
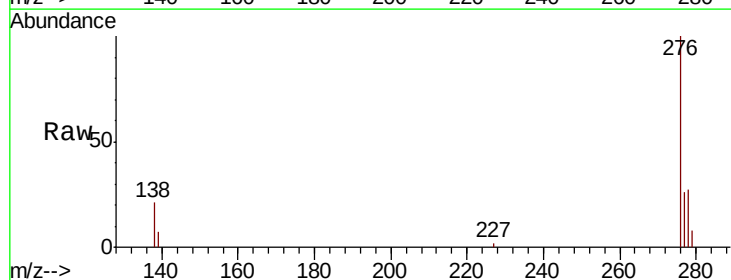
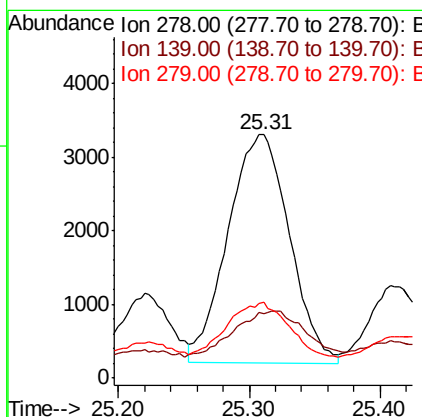
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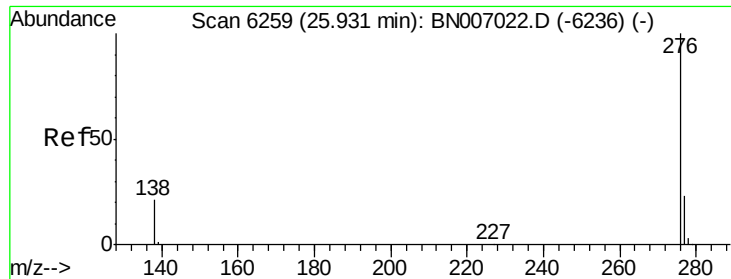
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.114 ng/ul
 RT: 25.31 min Scan# 6074
 Delta R.T. -0.02 min
 Lab File: BN007033.D
 Acq: 08 Aug 2019 19:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.4	14.3	21.5
279	31.0	19.6	29.4





#26
 Benzo(a,h,i)perylene
 Concen: 0.463 ng/ul
 RT: 25.93 min Scan# 6259
 Delta R.T. -0.01 min
 Lab File: BN007033.D
 Acq: 08 Aug 2019 19:40

Instrument :
 BNA_N
 ClientSampleId :
 BENZ8DL

Tot Ion:	276	Resp:	42985
Ion Ratio	Lower	Upper	
276	100		
138	22.3	18.7	28.1
277	24.2	19.3	28.9

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:17:32 AM

