

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007032.D
 Acq On : 08 Aug 2019 19:04
 Operator : HP/JU
 Sample : K3962-21DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ7DL

Manual Integrations
 APPROVED

mohammad
 8/9/2019 6:17:27 AM

Quant Time: Aug 09 02:39:17 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	7636	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	29789	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	18342	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	46700	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	39740	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	37140	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1649	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	5140	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.82	152	3772	0.035	ng/ul#	93
8) Acenaphthene	14.18	153	2231	0.031	ng/ul	98
9) Fluorene	15.17	166	2932	0.033	ng/ul#	96
12) Phenanthrene	16.90	178	77997	0.524	ng/ul	99
13) Anthracene	16.99	178	12414	0.082	ng/ul	99
15) Fluoranthene	18.93	202	256727	1.388	ng/ul	97
17) Pyrene	19.29	202	223798	1.261	ng/ul	99
18) Benzo(a)anthracene	21.06	228	105713	0.606	ng/ul	98
19) Chrysene	21.11	228	129470	0.792	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	167033m	1.109	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	50367m	0.345	ng/ul	
23) Benzo(a)pyrene	23.11	252	95994	0.677	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.30	276	66760	0.437	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.31	278	15477	0.127	ng/ul#	88
26) Benzo(g,h,i)perylene	25.94	276	67377	0.526	ng/ul	98

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

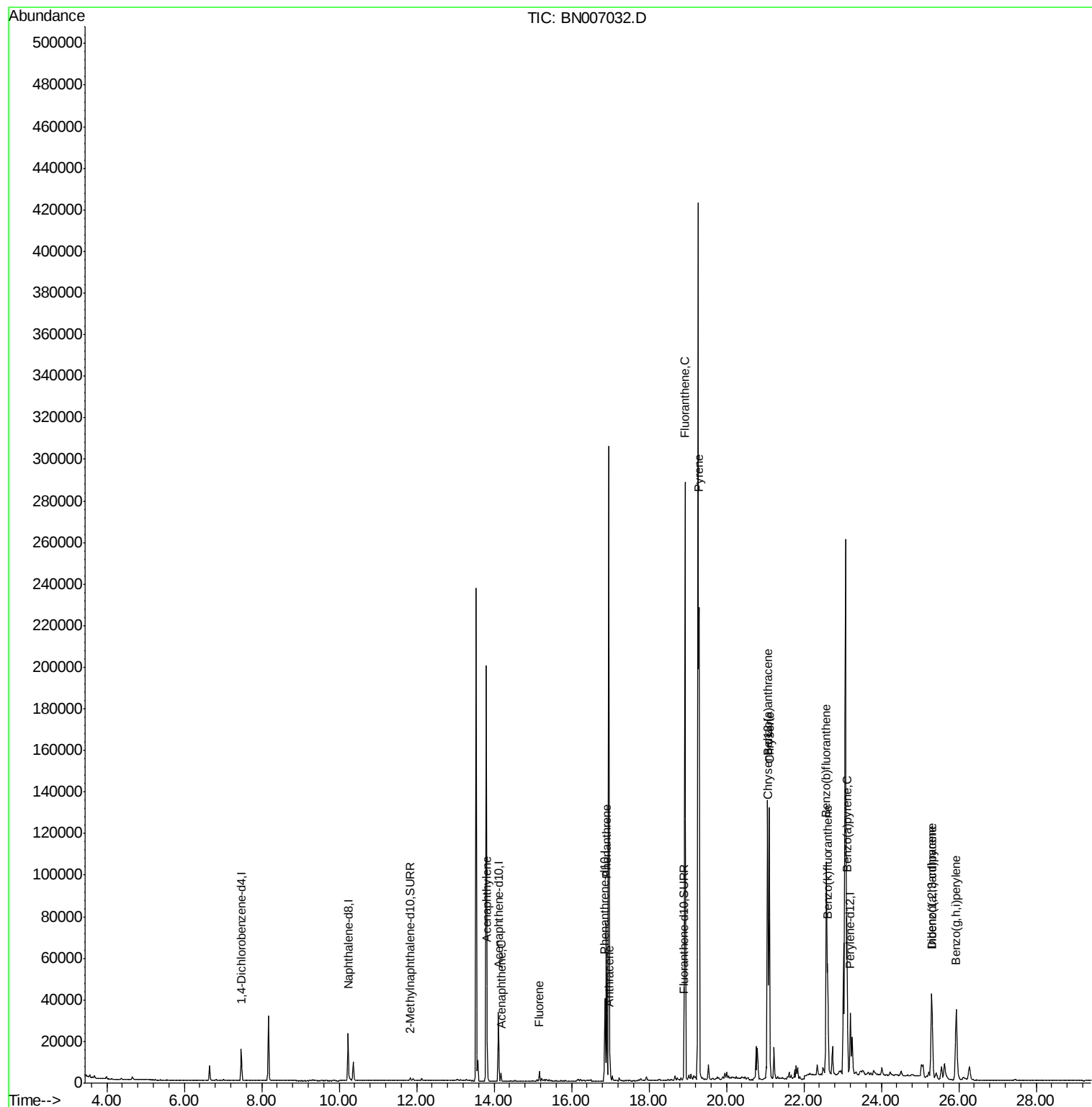
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
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ALS Vial : 12 Sample Multiplier: 1

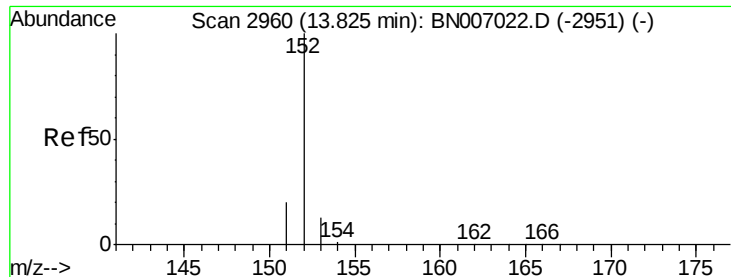
Instrument :
BNA_N
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BENZ7DL

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Quant Time: Aug 09 02:39:17 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: BN007032.D

Acq: 08 Aug 2019 19:04

Instrument :

BNA_N

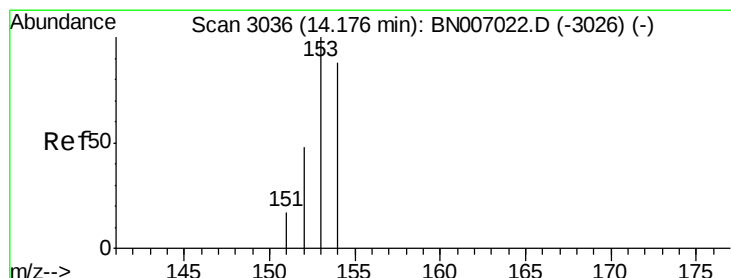
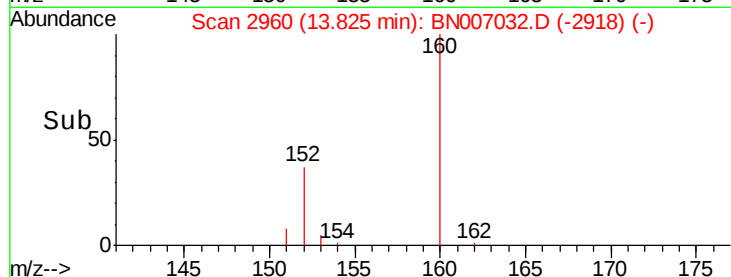
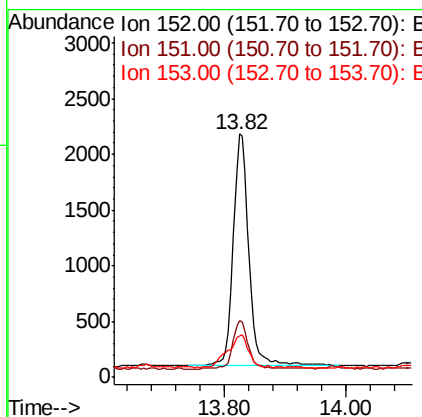
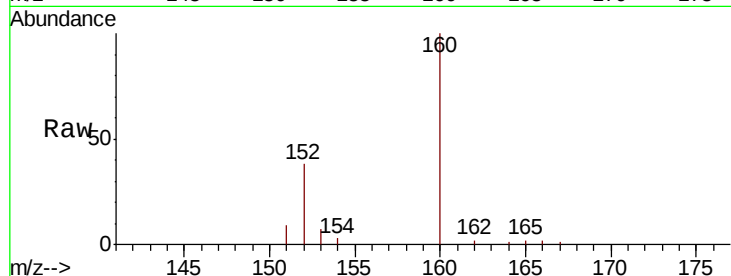
ClientSampleId :

BENZ7DL

Tot Ion:	152	Resp:	3772
Ion Ratio	Lower	Upper	
152	100		
151	23.2	16.3	24.5
153	17.1	11.0	16.4

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#8

Acenaphthene

Concen: 0.031 ng/ul

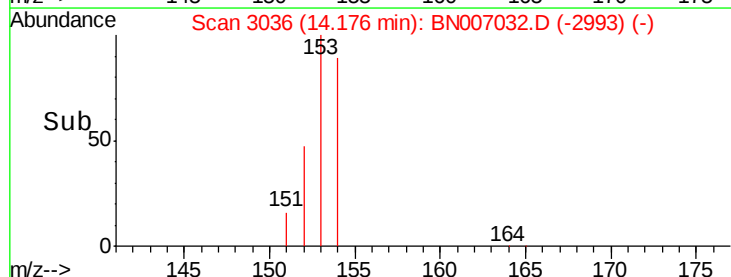
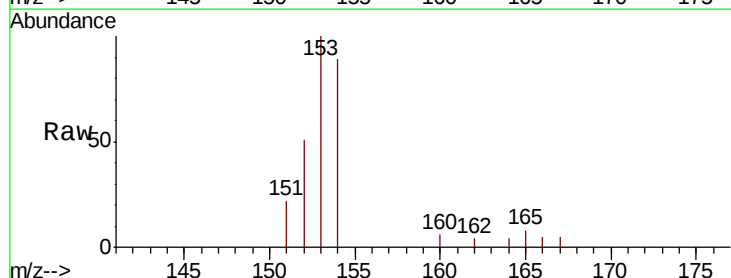
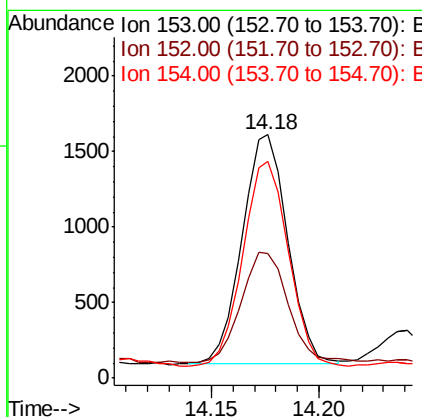
RT: 14.18 min Scan# 3036

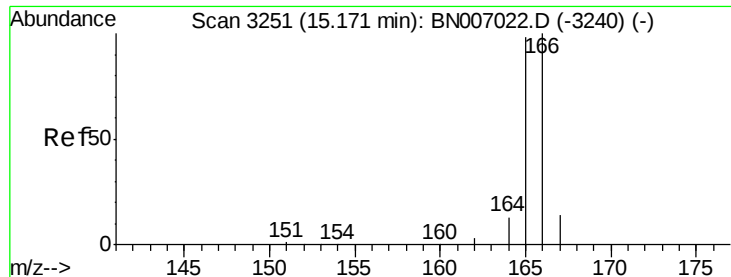
Delta R.T. -0.00 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

Tgt Ion:	153	Resp:	2231
Ion Ratio	Lower	Upper	
153	100		
152	51.2	39.4	59.2
154	88.8	70.1	105.1





#9

Fluorene

Concen: 0.033 ng/ul

RT: 15.17 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

Instrument :

BNA_N

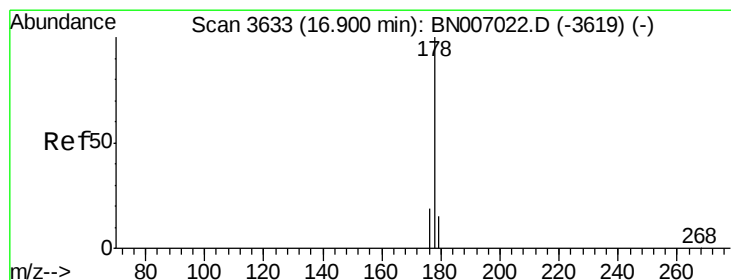
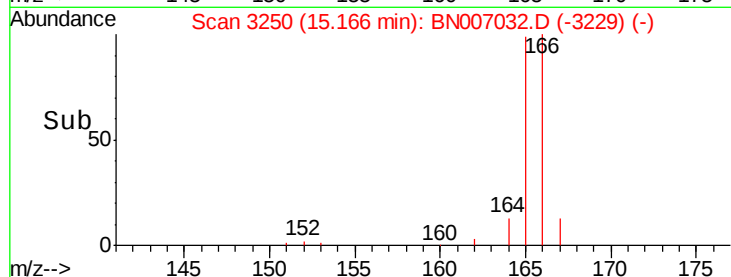
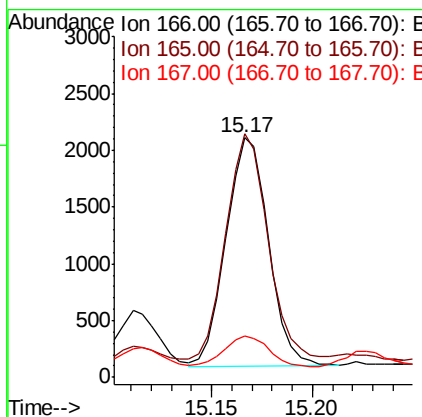
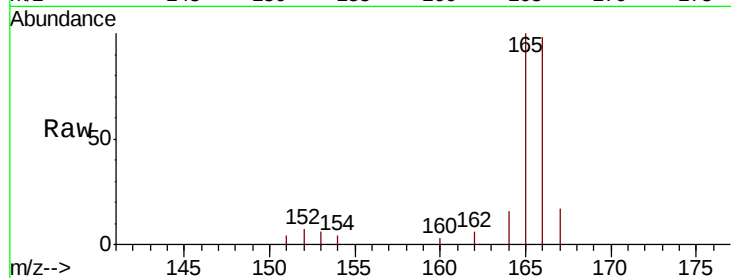
ClientSampleId :

BENZ7DL

Tot Ion:	166	Resp:	2932
Ion Ratio	Lower	Upper	
166	100		
165	101.8	78.8	118.2
167	17.2	11.3	16.9#

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#12

Phenanthrene

Concen: 0.524 ng/ul

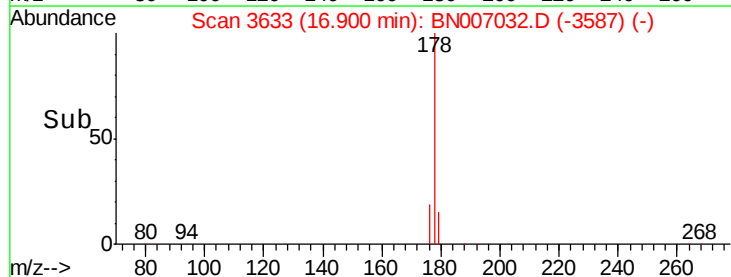
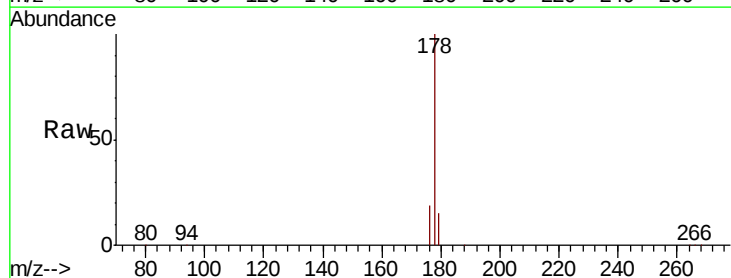
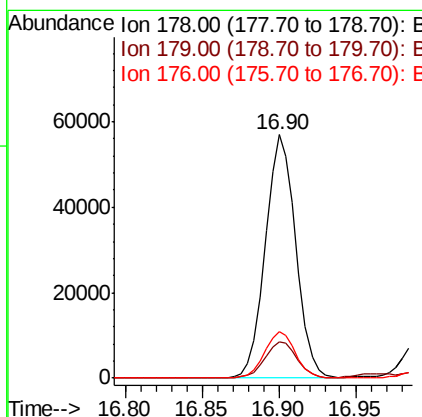
RT: 16.90 min Scan# 3633

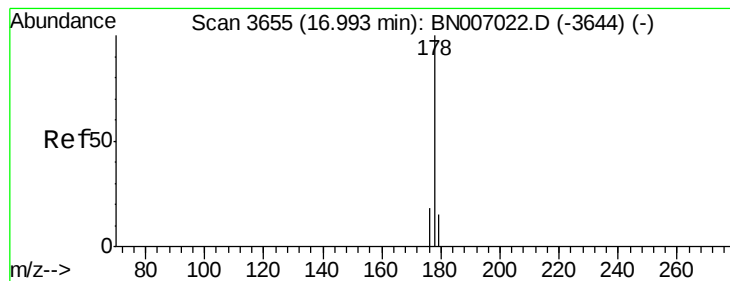
Delta R.T. -0.00 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

Tgt Ion:	178	Resp:	77997
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.5	18.7
176	19.3	15.6	23.4





#13

Anthracene

Concen: 0.082 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

Instrument :

BNA_N

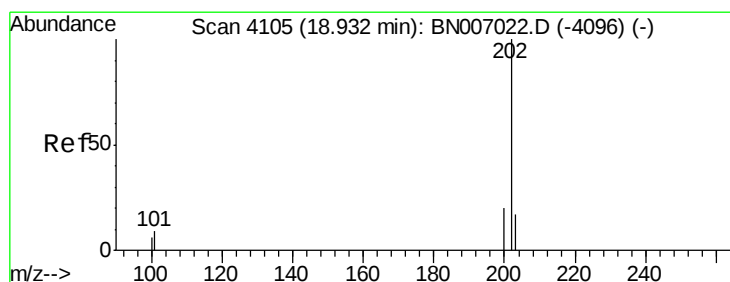
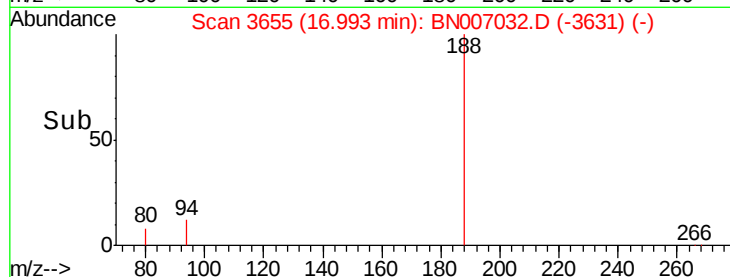
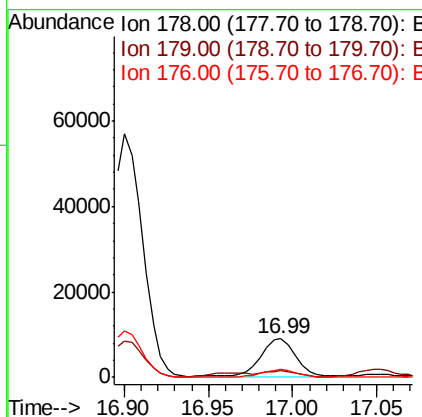
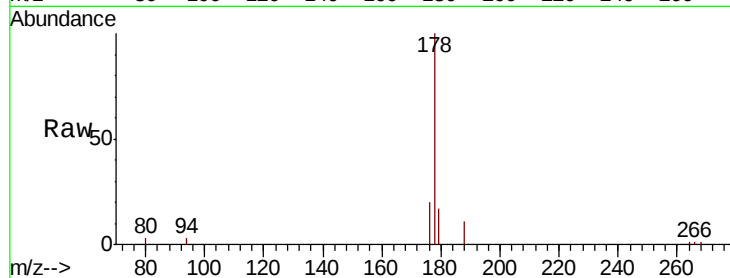
ClientSampleId :

BENZ7DL

Tot Ion:	178	Resp:	12414
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.6	18.8
176	19.6	15.4	23.0

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#15

Fluoranthene

Concen: 1.388 ng/ul

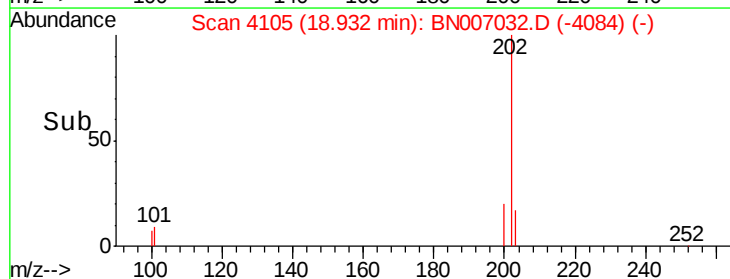
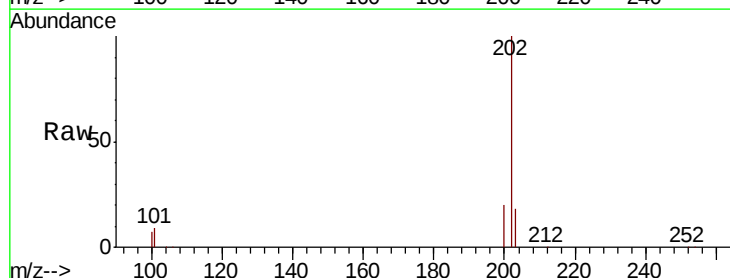
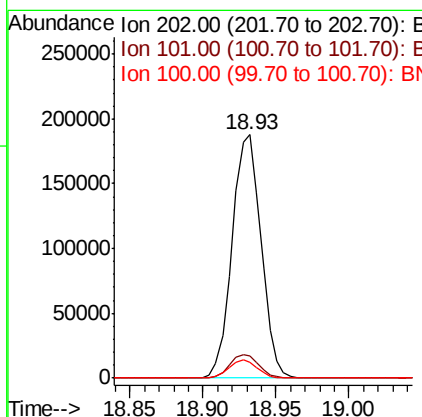
RT: 18.93 min Scan# 4105

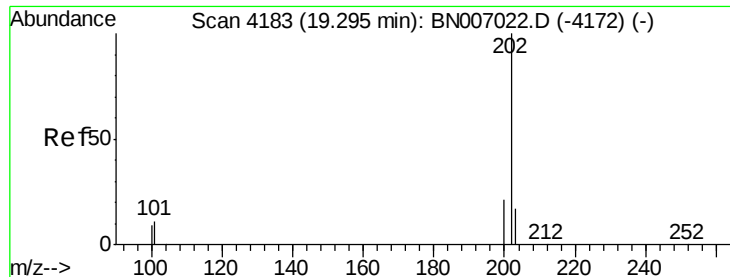
Delta R.T. -0.00 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

Tgt Ion:	202	Resp:	256727
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	30.0
100	6.6	0.0	27.7





#17

Pvrene

Concen: 1.261 ng/ul

RT: 19.29 min Scan# 4183

Delta R.T. -0.00 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

Instrument :

BNA_N

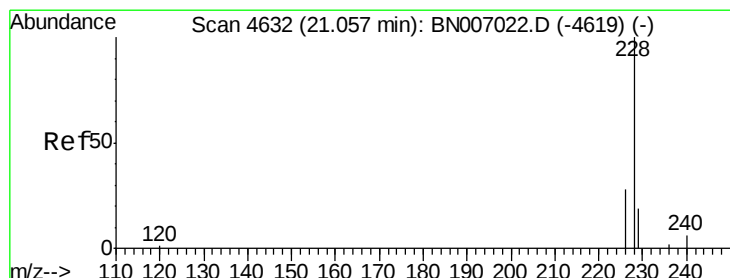
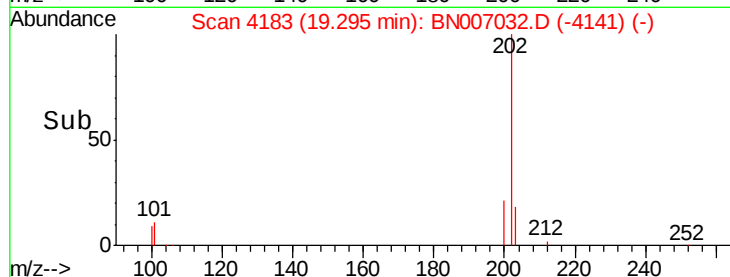
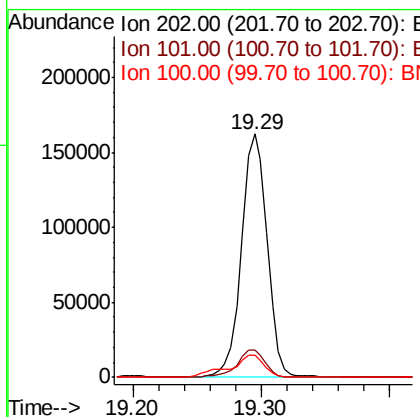
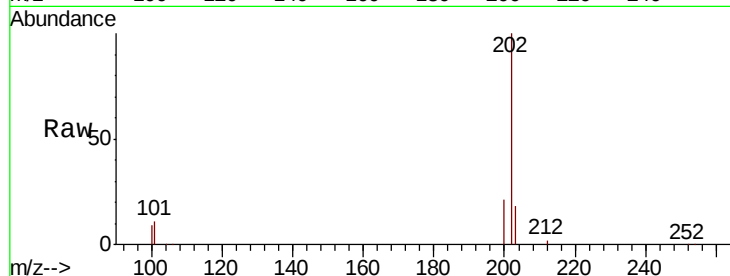
ClientSampleId :

BENZ7DL

Tot Ion:	202	Resp:	223798
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.3	13.9
100	9.1	7.3	10.9

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#18

Benzo(a)anthracene

Concen: 0.606 ng/ul

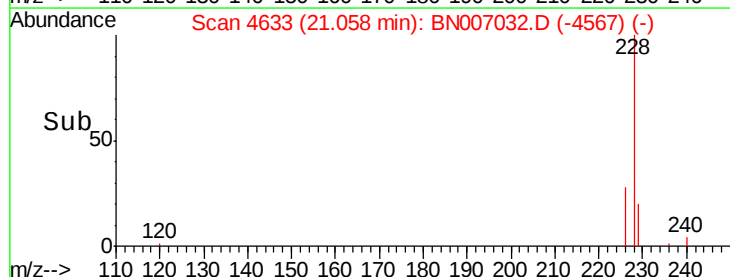
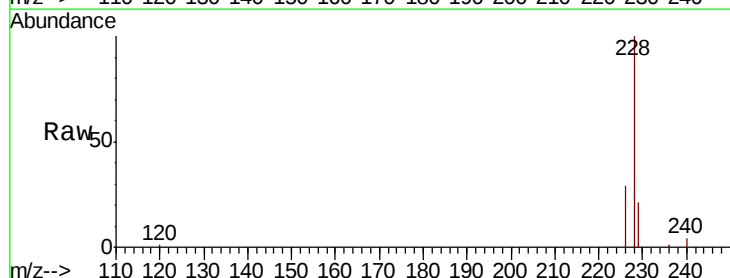
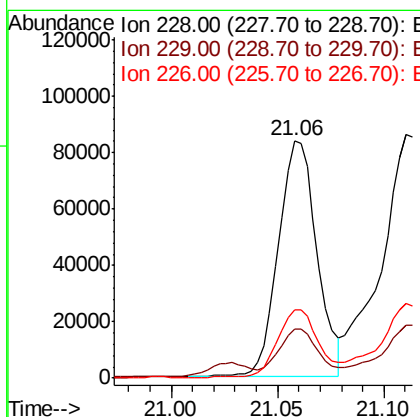
RT: 21.06 min Scan# 4633

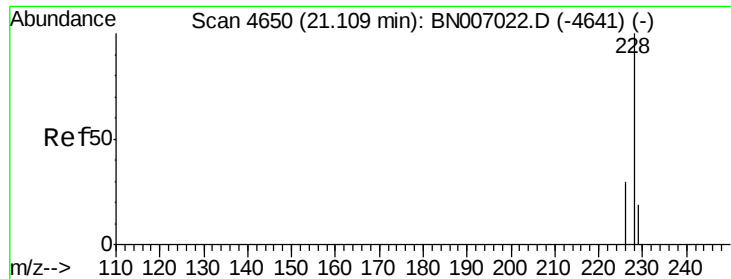
Delta R.T. -0.01 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

Tgt Ion:	228	Resp:	105713
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.9	23.9
226	28.8	22.2	33.4





#19

Chrysene

Concen: 0.792 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

Instrument :

BNA_N

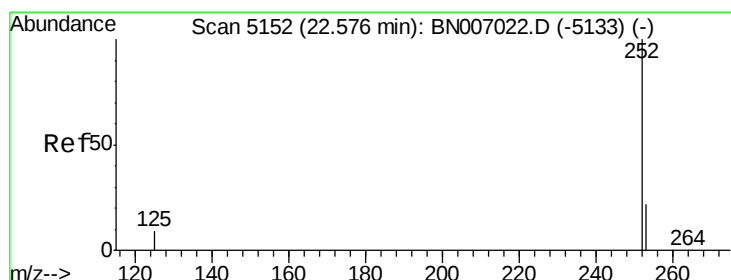
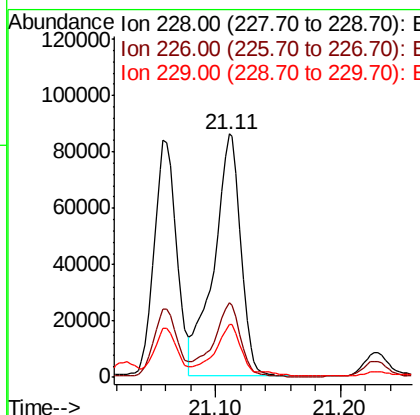
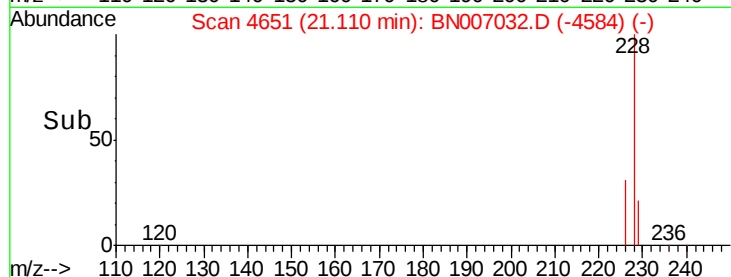
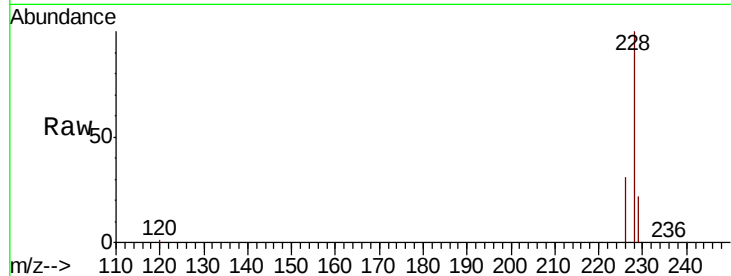
ClientSampled :

BENZ7DL

Tot Ion:	228	Resp:	129470
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.7	37.1
229	21.6	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 1.109 ng/ul m

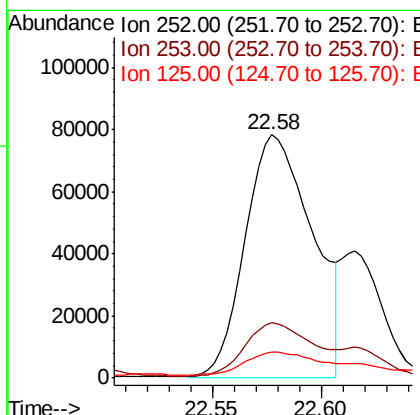
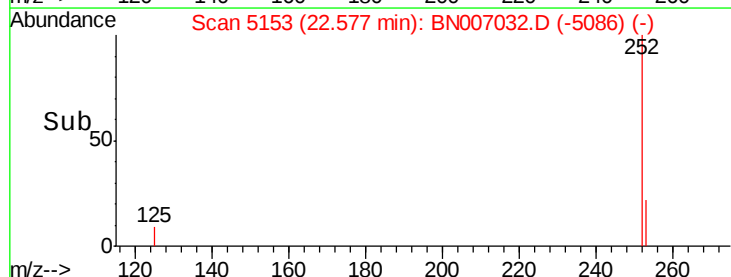
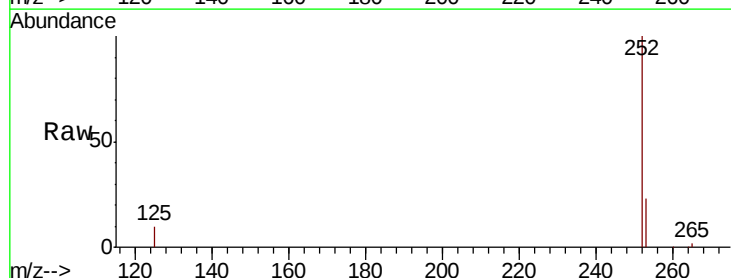
RT: 22.58 min Scan# 5153

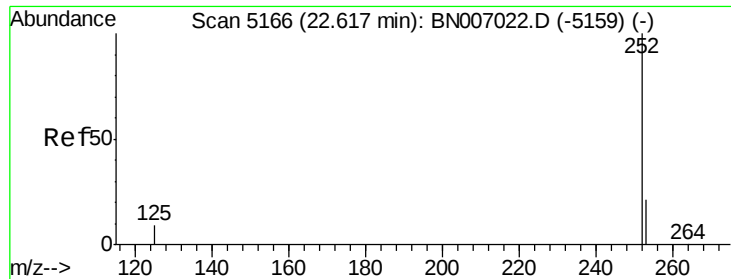
Delta R.T. -0.00 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

Tgt Ion:	252	Resp:	167033
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	45.2
125	10.5	0.0	22.2





#22

Benzo(k)fluoranthene

Concen: 0.345 ng/ul m

RT: 22.62 min Scan# 5166

Delta R.T. -0.01 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

Instrument :

BNA_N

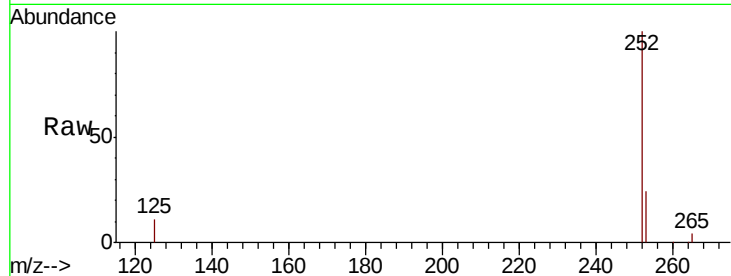
ClientSampleId :

BENZ7DL

Tot Ion:	252	Resp:	50367
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.6	28.0
125	11.2	8.7	13.1

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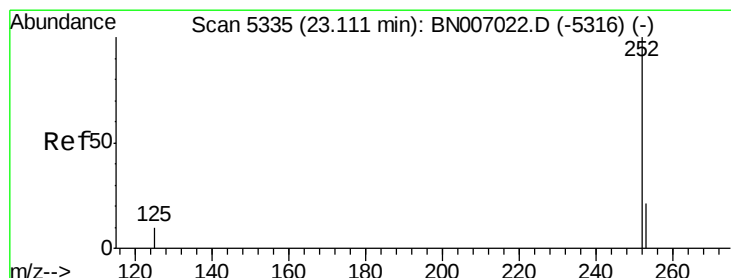
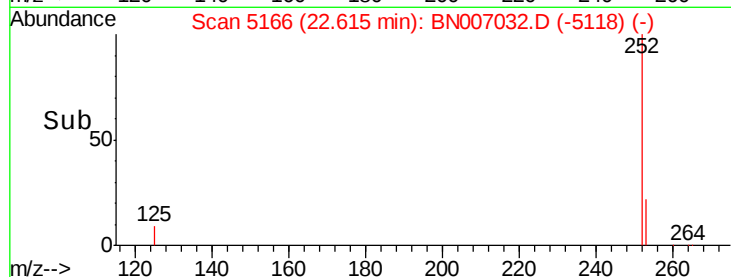
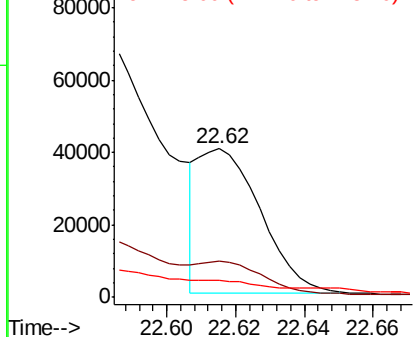


Abundance

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: 0.677 ng/ul

RT: 23.11 min Scan# 5335

Delta R.T. -0.01 min

Lab File: BN007032.D

Acq: 08 Aug 2019 19:04

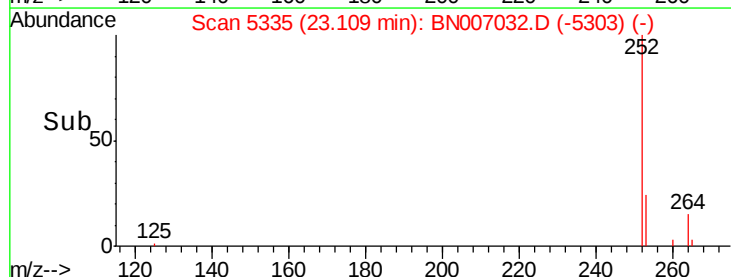
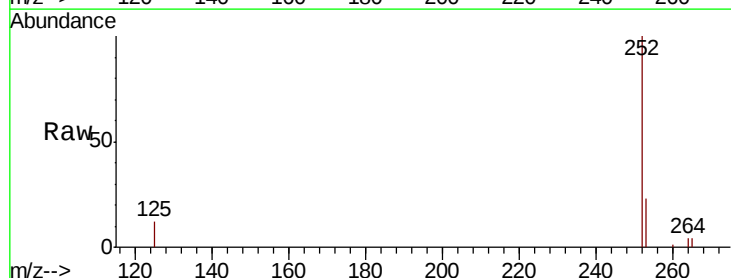
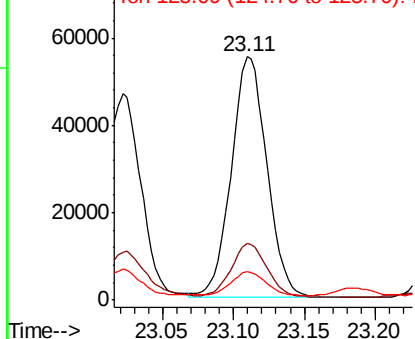
Tgt Ion:	252	Resp:	95994
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	11.6	10.0	15.0

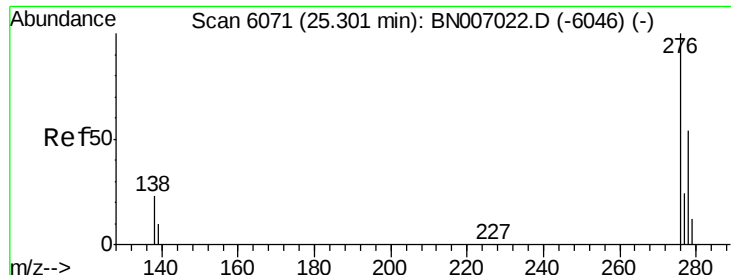
Abundance

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





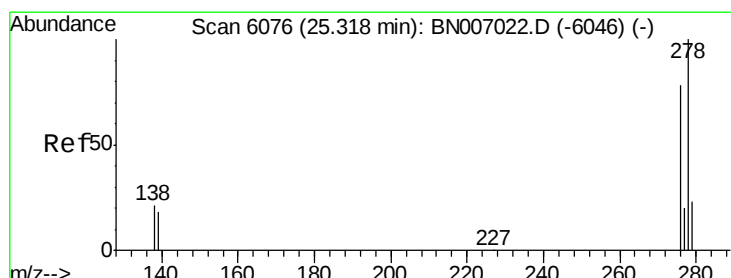
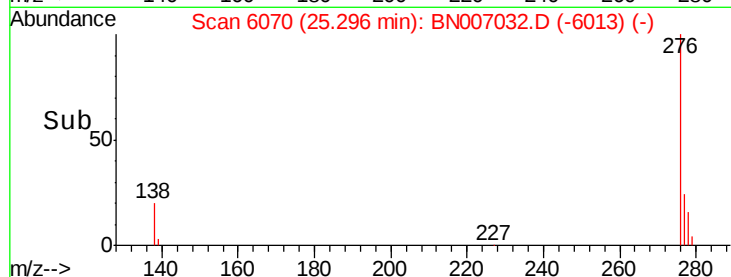
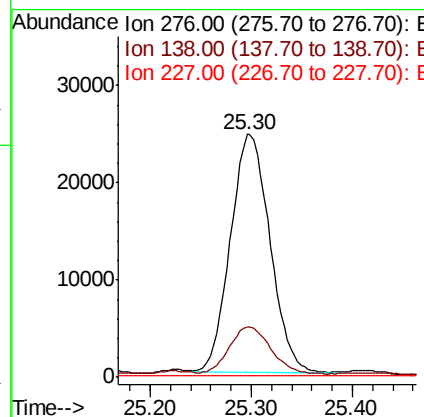
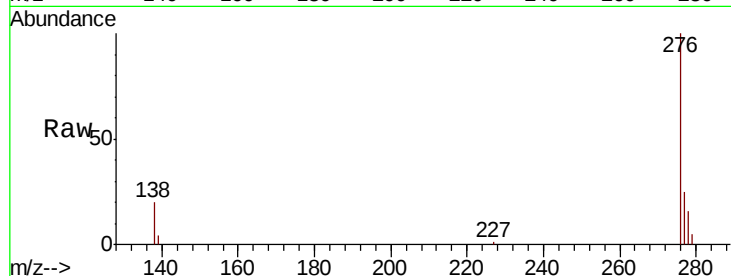
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng/ul
RT: 25.30 min Scan# 6070
Delta R.T. -0.01 min
Lab File: BN007032.D
Acq: 08 Aug 2019 19:04

Instrument :
BNA_N
ClientSampleId :
BENZ7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.9	29.9
227	0.2	0.2	0.4

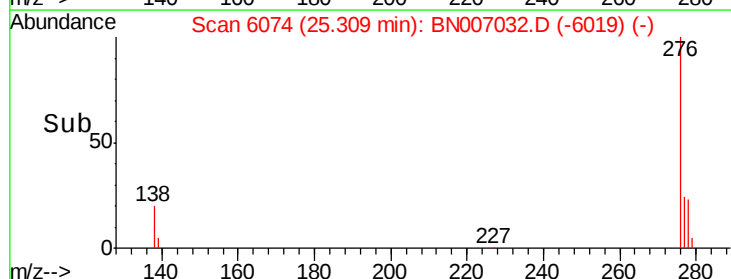
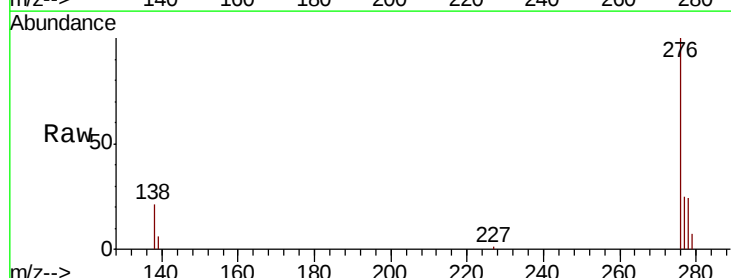
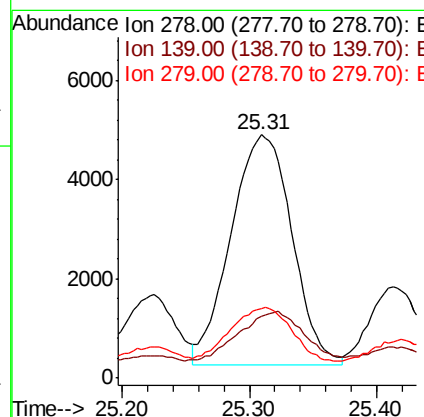
Manual Integrations
APPROVED

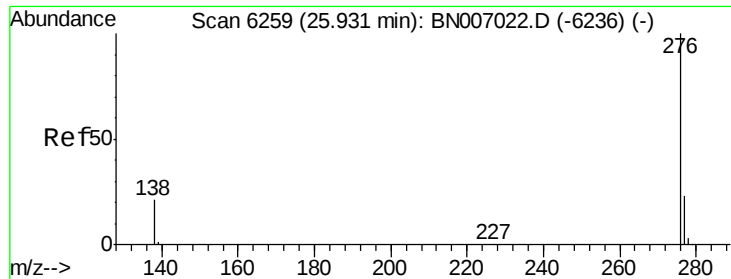
mohammad
8/9/2019 6:17:27 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.127 ng/ul
RT: 25.31 min Scan# 6074
Delta R.T. -0.02 min
Lab File: BN007032.D
Acq: 08 Aug 2019 19:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.3	14.3	21.5
279	28.7	19.6	29.4





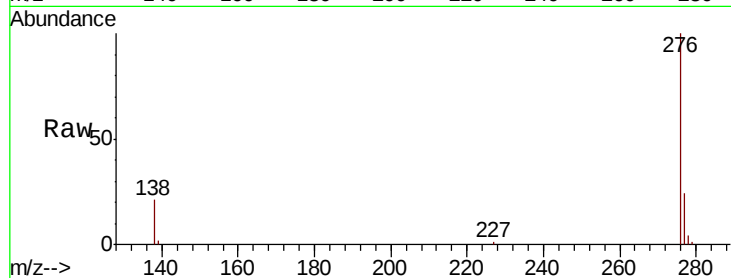
#26
Benzo(a,h,i)perylene
Concen: 0.526 ng/ul
RT: 25.94 min Scan# 6261
Delta R.T. -0.00 min
Lab File: BN007032.D
Acq: 08 Aug 2019 19:04

Instrument :
BNA_N
ClientSampleId :
BENZ7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	18.7	28.1
277	24.0	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:17:27 AM



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

