

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007031.D
 Acq On : 08 Aug 2019 18:28
 Operator : HP/JU
 Sample : K3962-20DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BENZ6DL

Manual Integrations
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 8/9/2019 6:17:24 AM

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Quant Time: Aug 09 02:36:19 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	8245	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33068	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	20600	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	52345	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	42559	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	39351	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	6806	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	21226	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.28	128	3277	0.034	ng/ul#	94
5) 2-Methylnaphthalene	11.91	142	1519	0.021	ng/ul	98
7) Acenaphthylene	13.83	152	9983	0.084	ng/ul	98
8) Acenaphthene	14.18	153	2667	0.033	ng/ul	97
9) Fluorene	15.17	166	4644	0.047	ng/ul#	97
12) Phenanthrene	16.90	178	97651	0.585	ng/ul	100
13) Anthracene	16.99	178	18696	0.110	ng/ul	98
15) Fluoranthene	18.93	202	230912	1.114	ng/ul	97
17) Pyrene	19.29	202	214331	1.128	ng/ul	100
18) Benzo(a)anthracene	21.06	228	112505	0.602	ng/ul	95
19) Chrysene	21.11	228	114514	0.654	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	124487m	0.780	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	35889m	0.232	ng/ul	
23) Benzo(a)pyrene	23.12	252	80436	0.535	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.30	276	47765	0.295	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.31	278	13141	0.102	ng/ul#	82
26) Benzo(a,h,i)perylene	25.94	276	46082	0.339	ng/ul	98

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

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ALS Vial : 11 Sample Multiplier: 1

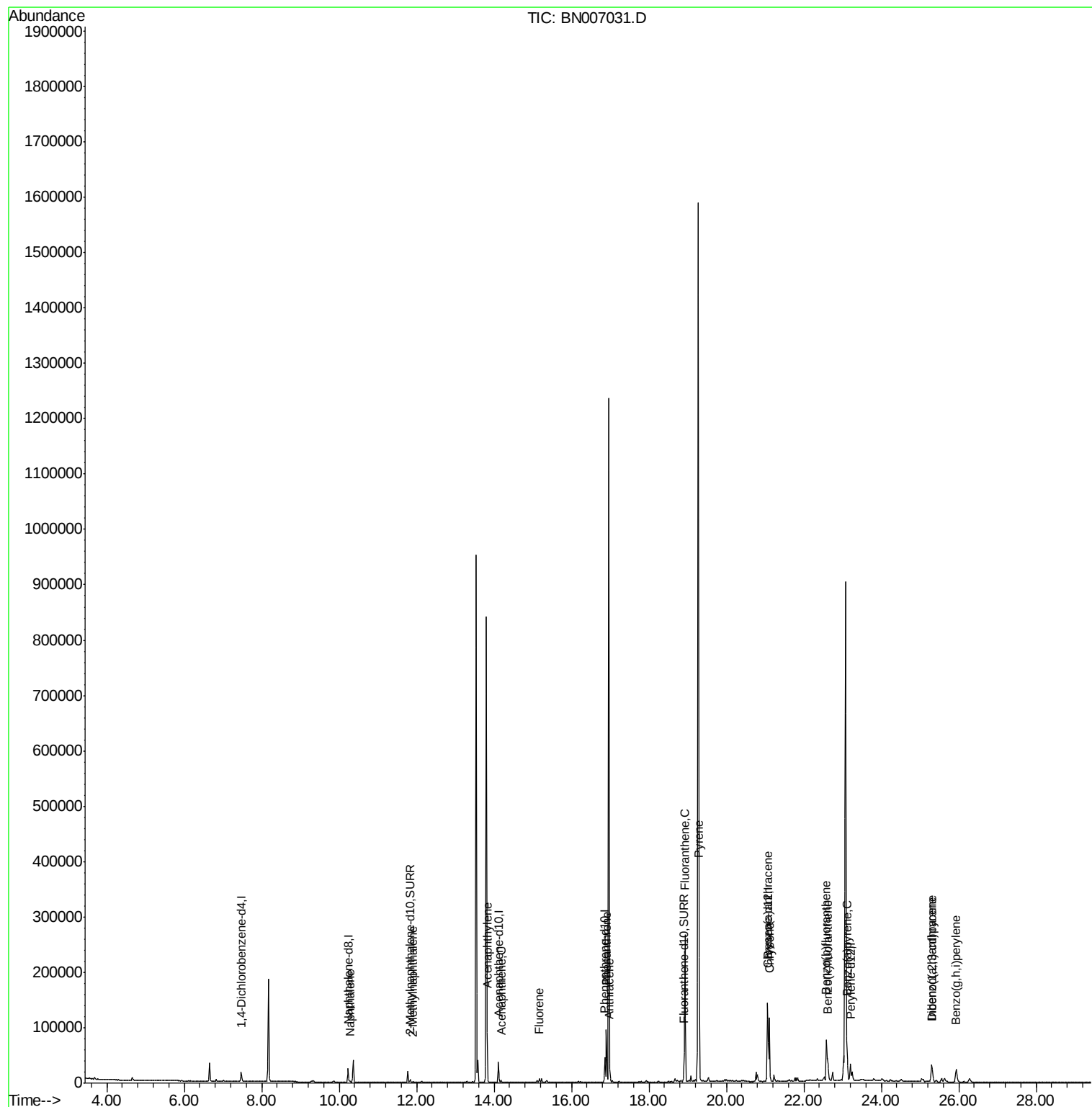
Instrument :
BNA_N
ClientSampleId :
BENZ6DL

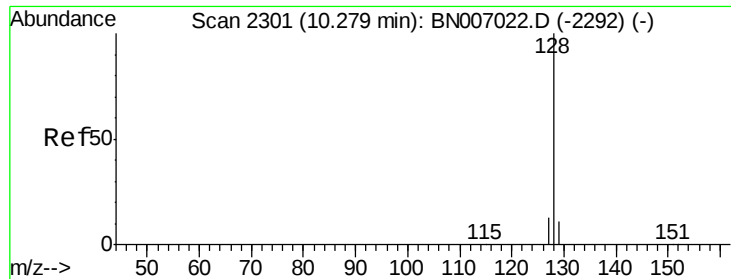
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#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN007031.D

Acq: 08 Aug 2019 18:28

Instrument :

BNA_N

ClientSampleId :

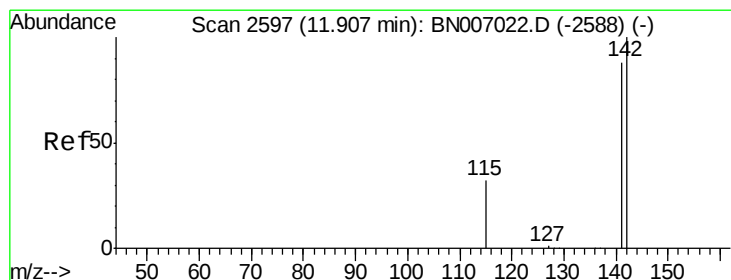
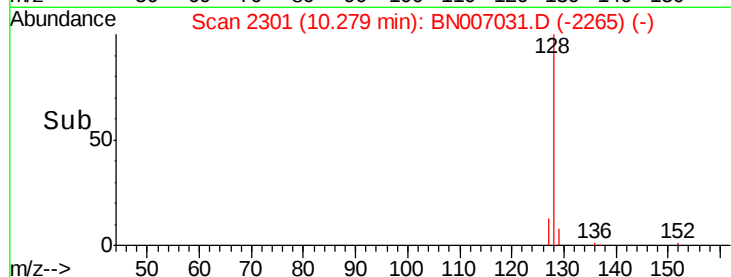
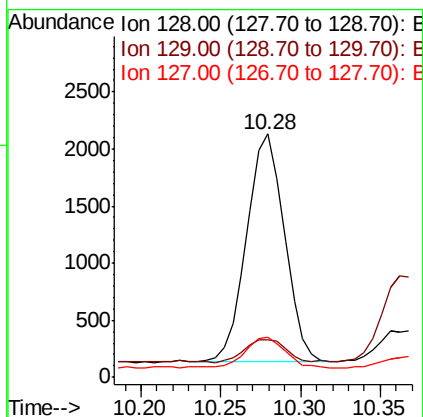
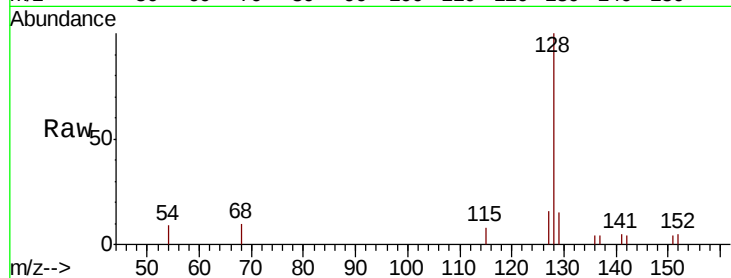
BENZ6DL

Tot Ion:	128	Resp:	3277
Ion Ratio	Lower	Upper	
128	100		
129	15.5	10.0	15.0#
127	16.4	11.7	17.5

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#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

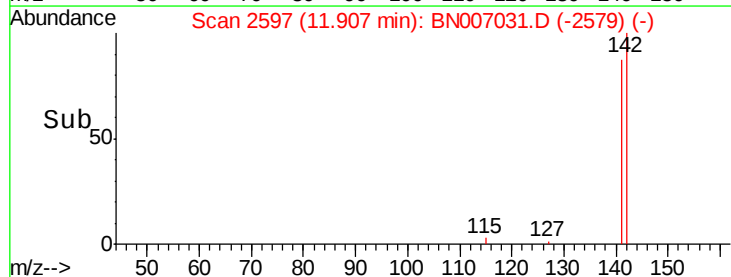
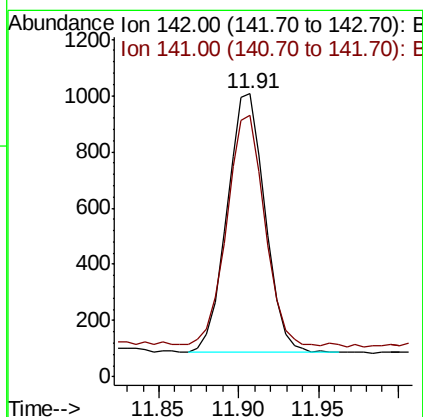
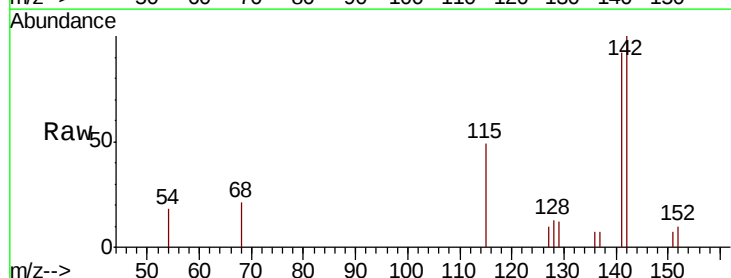
RT: 11.91 min Scan# 2597

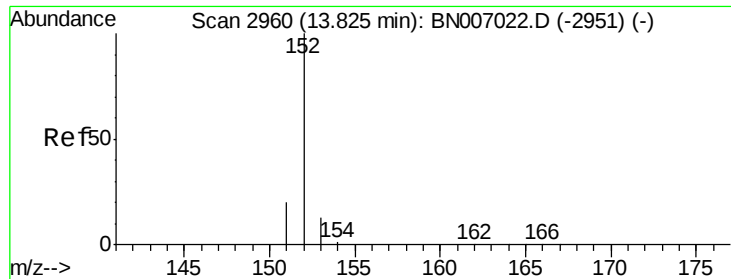
Delta R.T. -0.00 min

Lab File: BN007031.D

Acq: 08 Aug 2019 18:28

Tgt Ion:	142	Resp:	1519
Ion Ratio	Lower	Upper	
142	100		
141	91.1	71.0	106.6





#7

Acenaphthylene

Concen: 0.084 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BN007031.D

Acq: 08 Aug 2019 18:28

Instrument :

BNA_N

ClientSampleId :

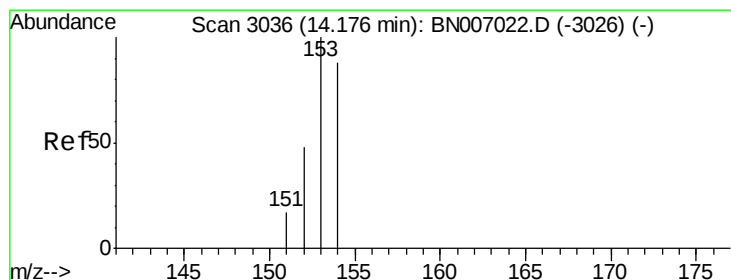
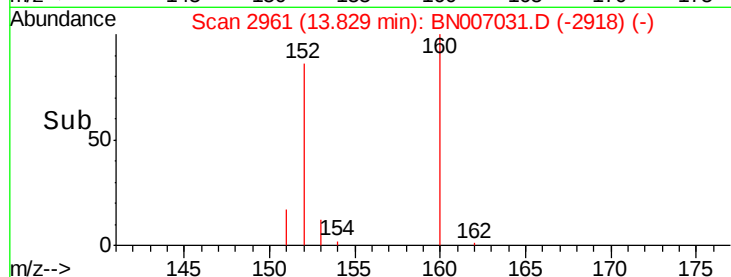
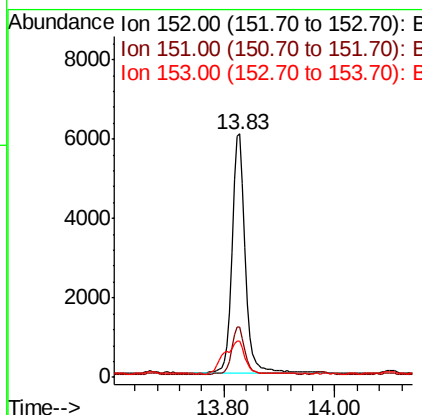
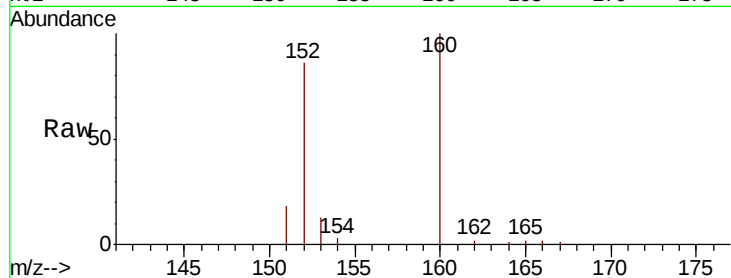
BENZ6DL

Tot Ion:	152	Resp:	9983
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	15.1	11.0	16.4

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#8

Acenaphthene

Concen: 0.033 ng/ul

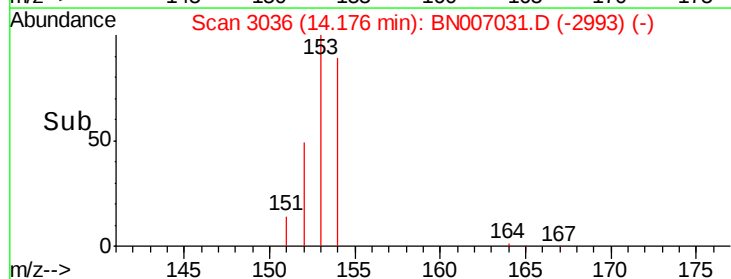
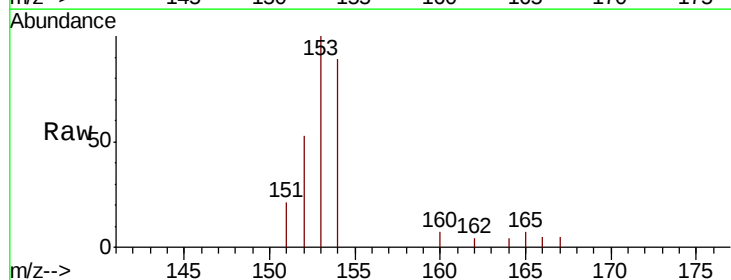
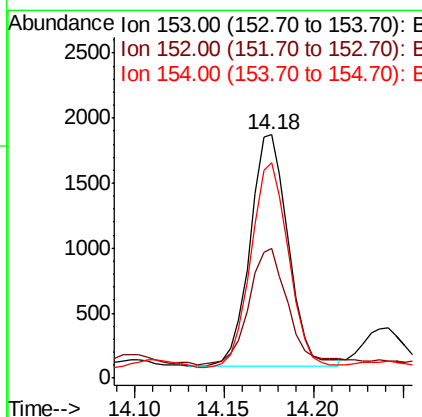
RT: 14.18 min Scan# 3036

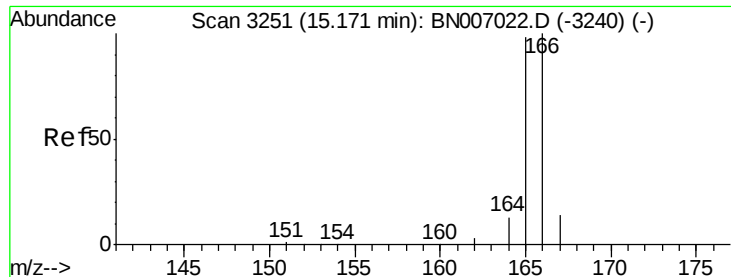
Delta R.T. -0.00 min

Lab File: BN007031.D

Acq: 08 Aug 2019 18:28

Tgt Ion:	153	Resp:	2667
Ion Ratio	Lower	Upper	
153	100		
152	53.3	39.4	59.2
154	88.6	70.1	105.1





#9
Fluorene
 Concen: 0.047 ng/ul
 RT: 15.17 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: BN007031.D
 Acq: 08 Aug 2019 18:28

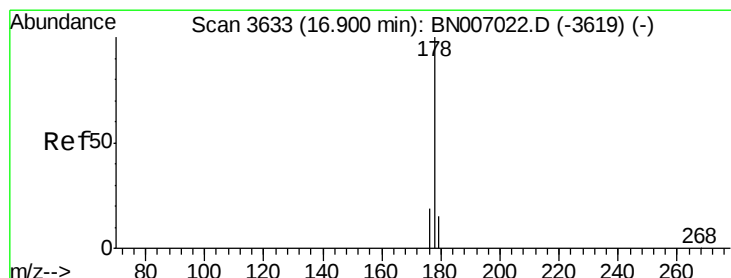
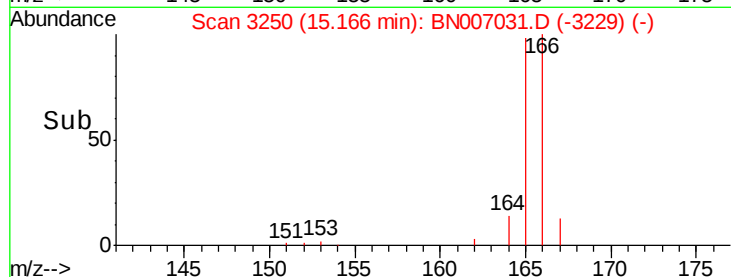
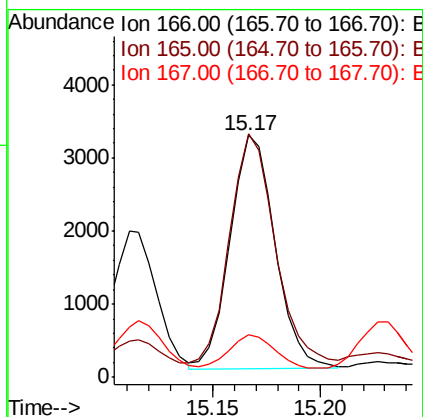
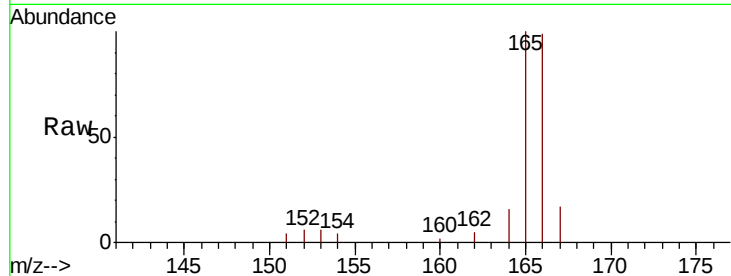
Instrument :
 BNA_N
 ClientSampled :
 BENZ6DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.8	118.2
167	17.4	11.3	16.9#

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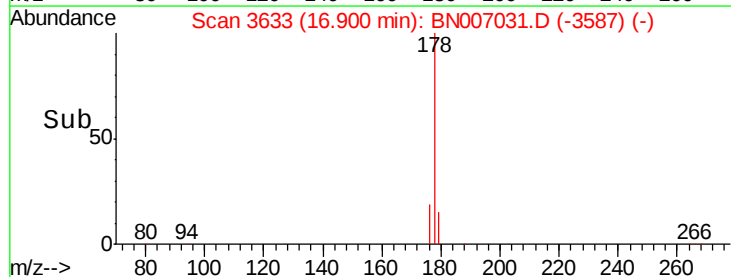
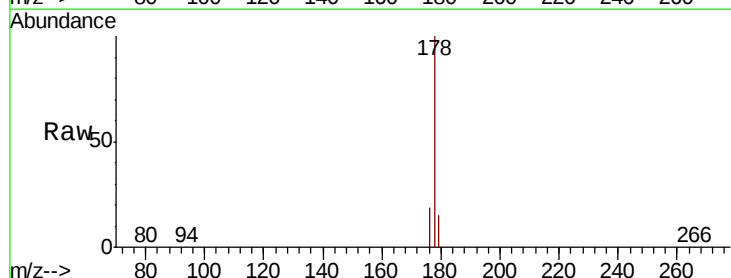
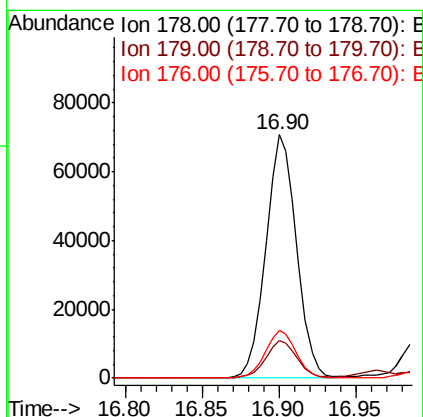
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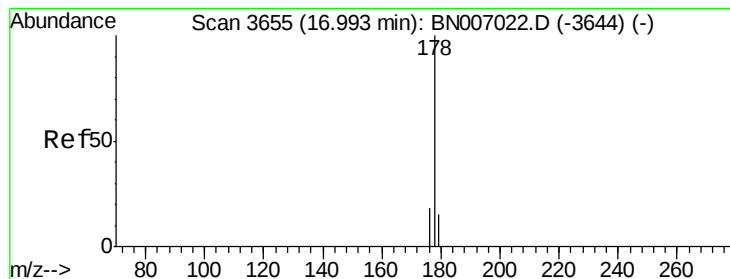
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#12
Phenanthrene
 Concen: 0.585 ng/ul
 RT: 16.90 min Scan# 3633
 Delta R.T. -0.00 min
 Lab File: BN007031.D
 Acq: 08 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	19.5	15.6	23.4





#13

Anthracene

Concen: 0.110 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. -0.00 min

Lab File: BN007031.D

Acq: 08 Aug 2019 18:28

Instrument :

BNA_N

ClientSampleId :

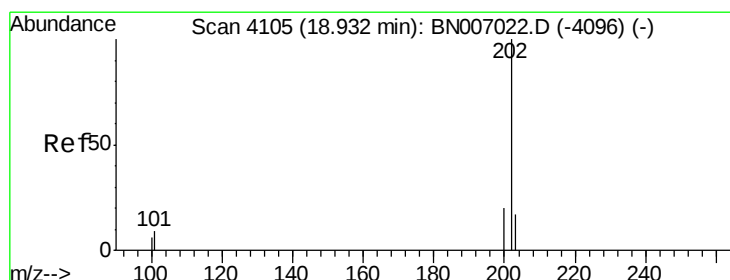
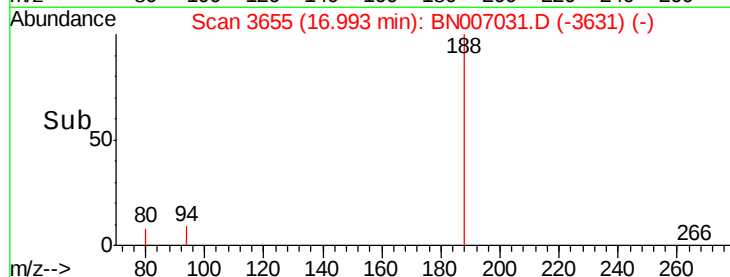
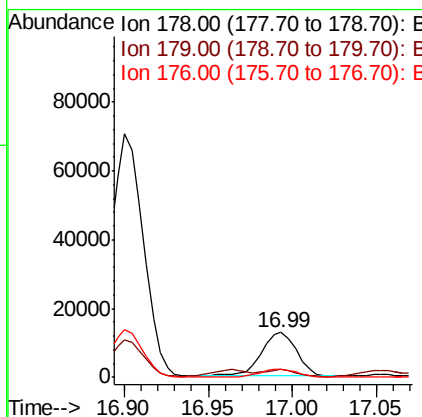
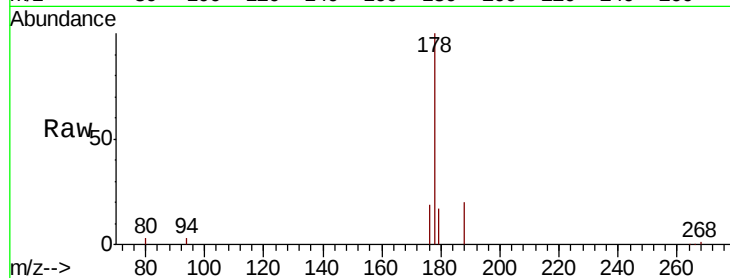
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Tot Ion:	178	Resp:	18696
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.6	18.8
176	19.0	15.4	23.0

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#15

Fluoranthene

Concen: 1.114 ng/ul

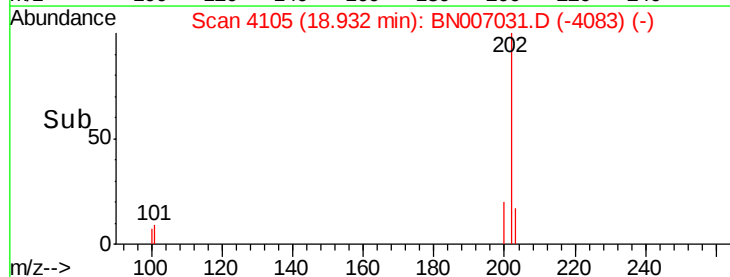
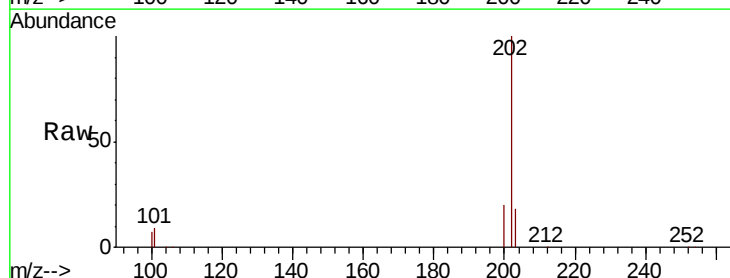
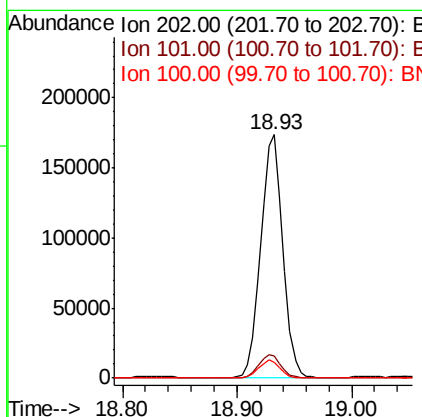
RT: 18.93 min Scan# 4105

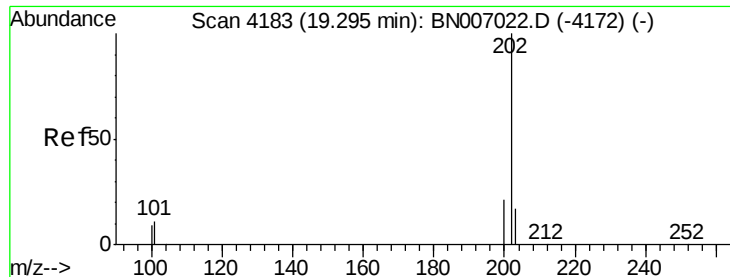
Delta R.T. -0.00 min

Lab File: BN007031.D

Acq: 08 Aug 2019 18:28

Tgt Ion:	202	Resp:	230912
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	30.0
100	6.6	0.0	27.7





#17
Pvrene
Concen: 1.128 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007031.D
Acq: 08 Aug 2019 18:28

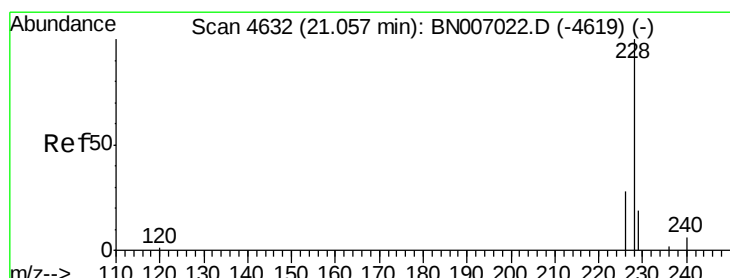
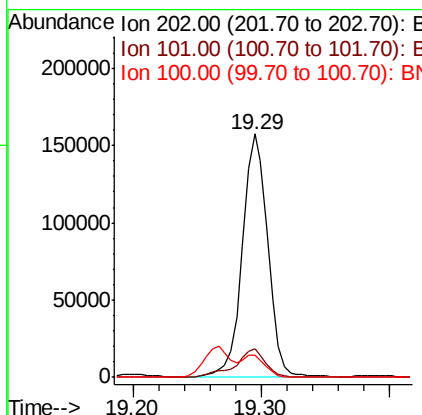
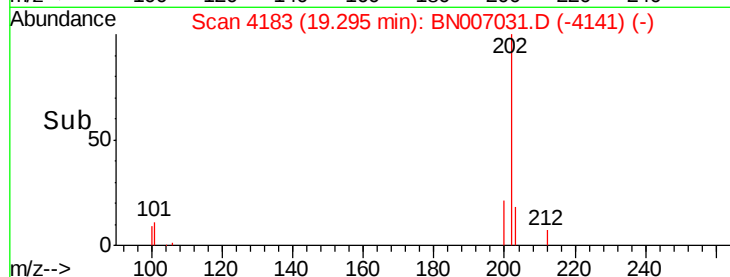
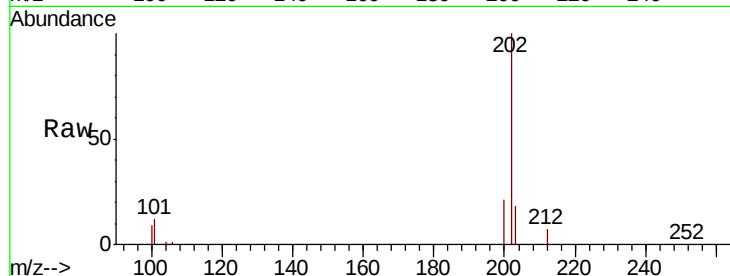
Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	9.3	13.9
100	9.3	7.3	10.9

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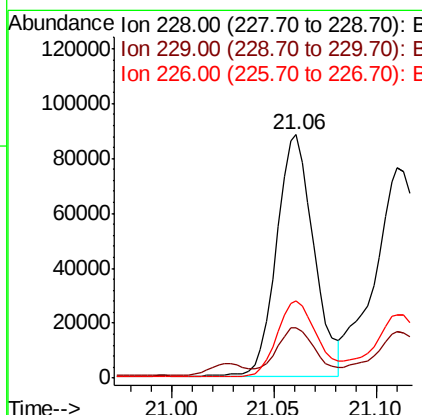
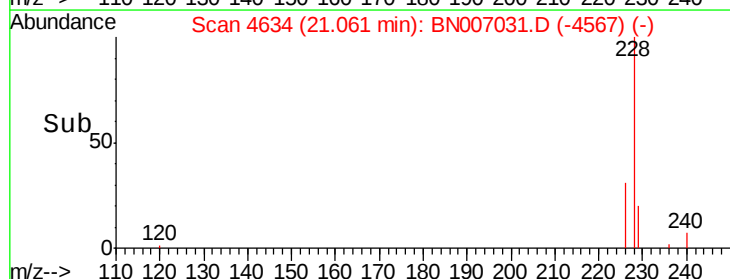
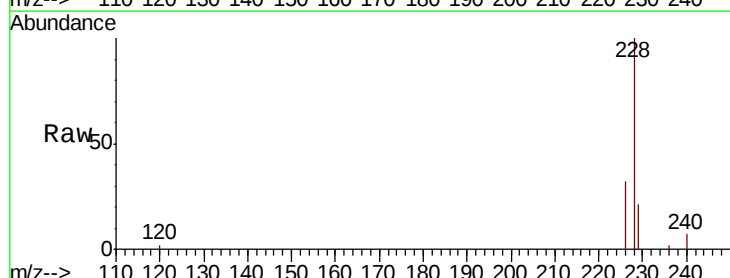
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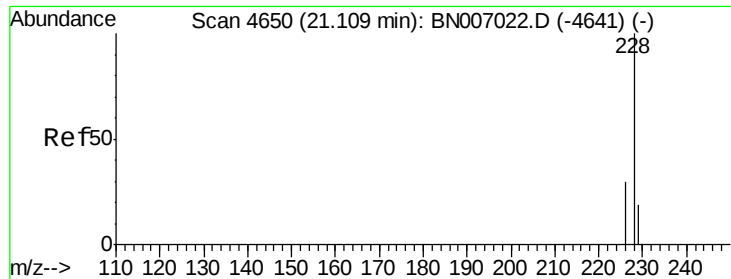
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#18
Benzo(a)anthracene
Concen: 0.602 ng/ul
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN007031.D
Acq: 08 Aug 2019 18:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	15.9	23.9
226	31.6	22.2	33.4





#19

Chrysene

Concen: 0.654 ng/ul

RT: 21.11 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BN007031.D

Acq: 08 Aug 2019 18:28

Instrument :

BNA_N

ClientSampleId :

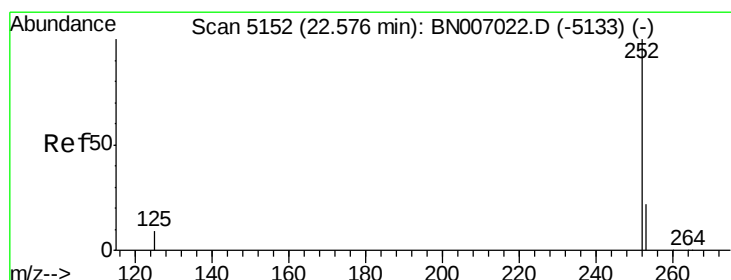
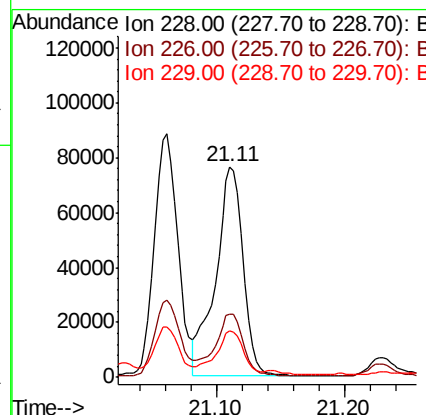
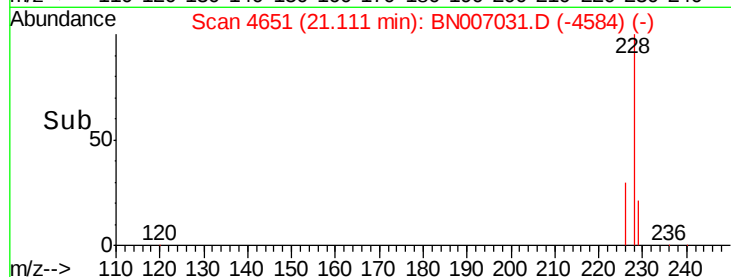
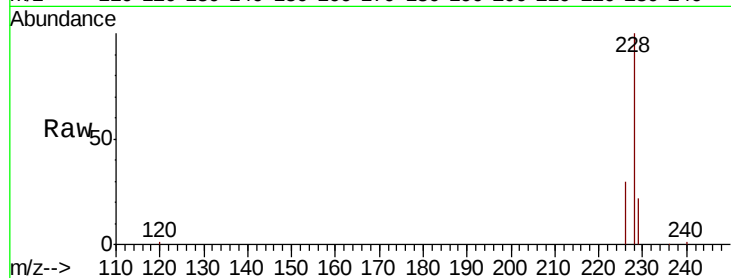
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Tot Ion:	228	Resp:	114514
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	22.2	15.5	23.3

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#21

Benzo(b)fluoranthene

Concen: 0.780 ng/ul m

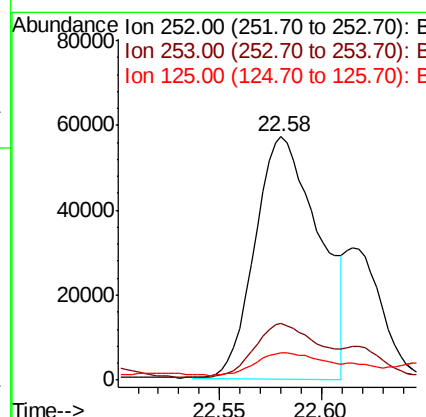
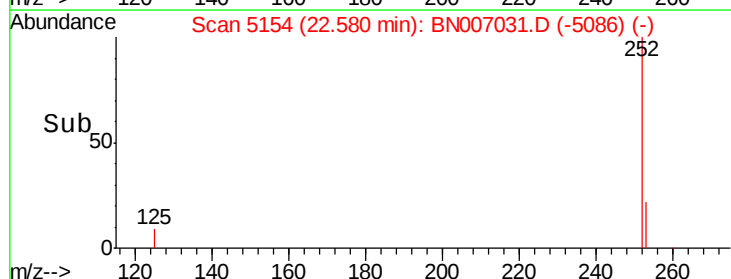
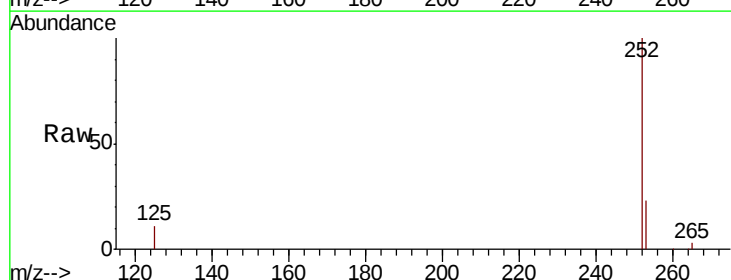
RT: 22.58 min Scan# 5154

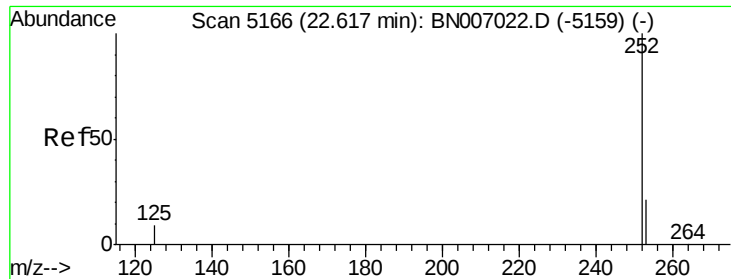
Delta R.T. -0.00 min

Lab File: BN007031.D

Acq: 08 Aug 2019 18:28

Tgt Ion:	252	Resp:	124487
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	45.2
125	11.0	0.0	22.2





#22
Benzo(k)fluoranthene
Concen: 0.232 ng/ul m
RT: 22.62 min Scan# 5166
Delta R.T. -0.01 min
Lab File: BN007031.D
Acq: 08 Aug 2019 18:28

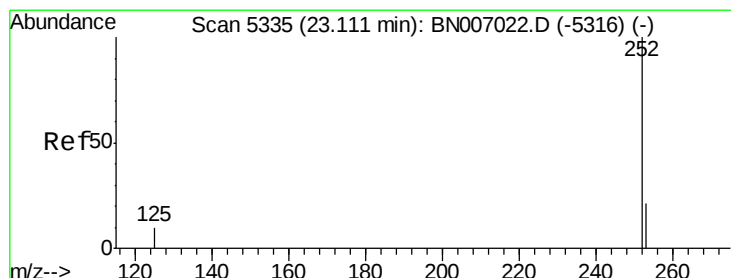
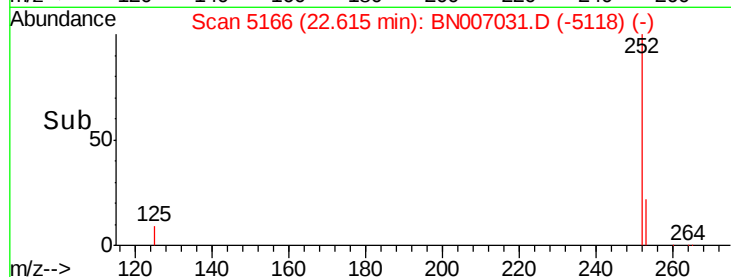
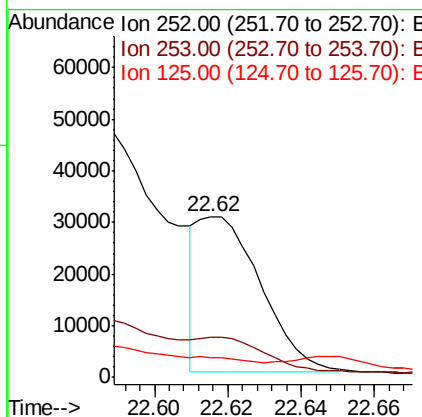
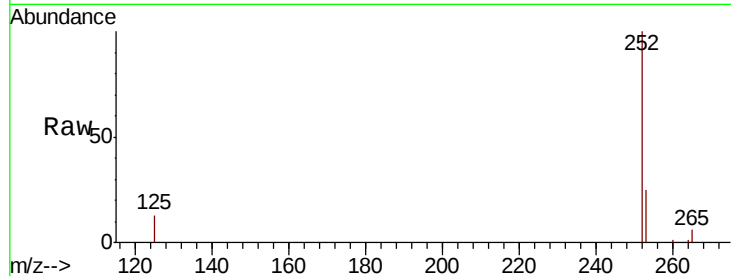
Instrument :
BNA_N
ClientSampleId :
BENZ6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.6	28.0
125	12.6	8.7	13.1

Manual Integrations
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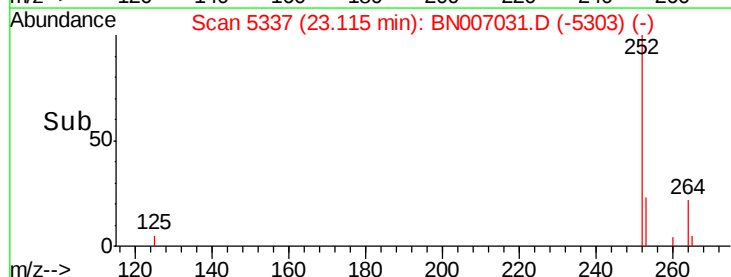
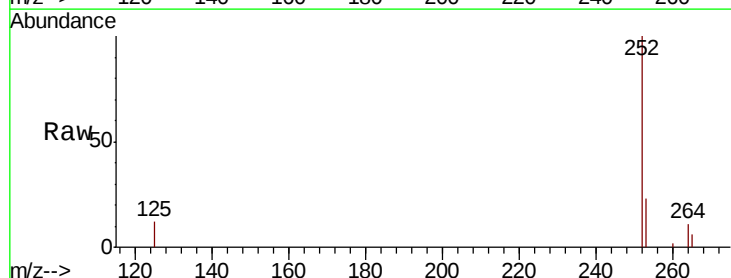
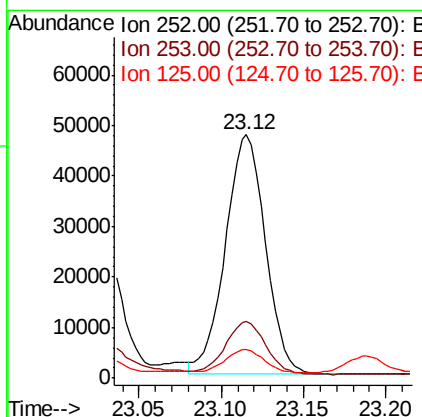
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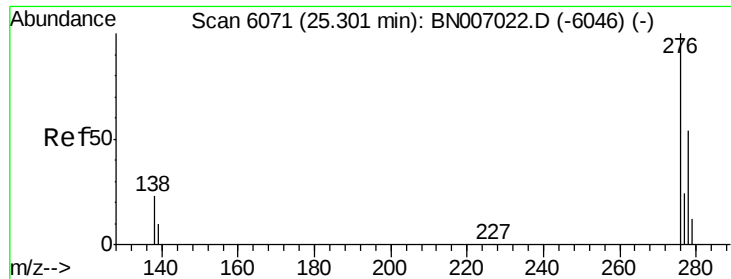
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#23
Benzo(a)pyrene
Concen: 0.535 ng/ul
RT: 23.12 min Scan# 5337
Delta R.T. -0.00 min
Lab File: BN007031.D
Acq: 08 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.5	10.0	15.0





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng/ul
RT: 25.30 min Scan# 6071
Delta R.T. -0.01 min
Lab File: BN007031.D
Acq: 08 Aug 2019 18:28

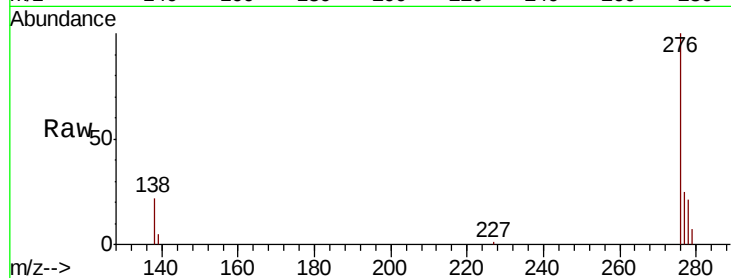
Instrument :
BNA_N
ClientSampleId :
BENZ6DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	47765		
138	22.2	19.9	29.9	
227	0.2	0.2	0.4	

Manual Integrations
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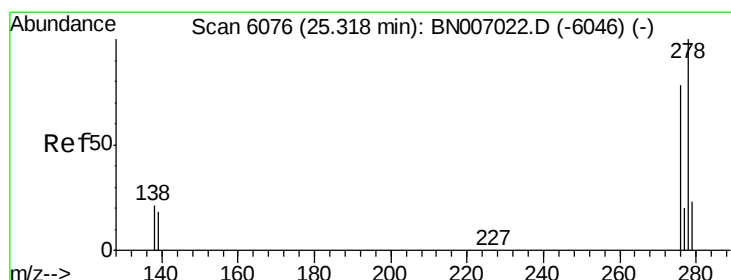
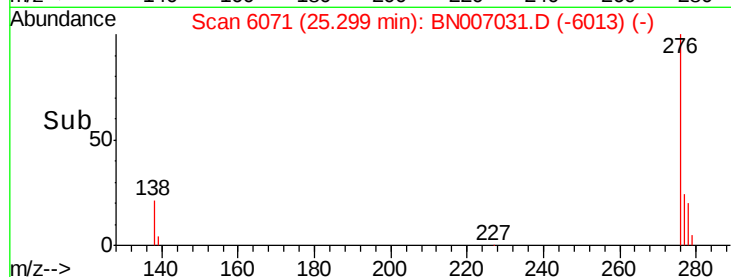
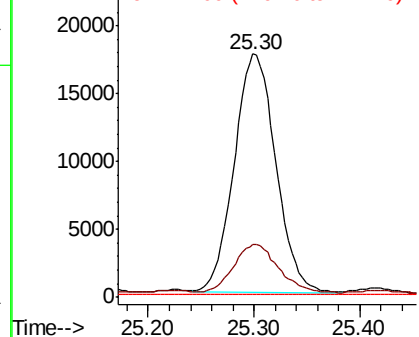


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 25.31 min Scan# 6075
Delta R.T. -0.01 min
Lab File: BN007031.D
Acq: 08 Aug 2019 18:28

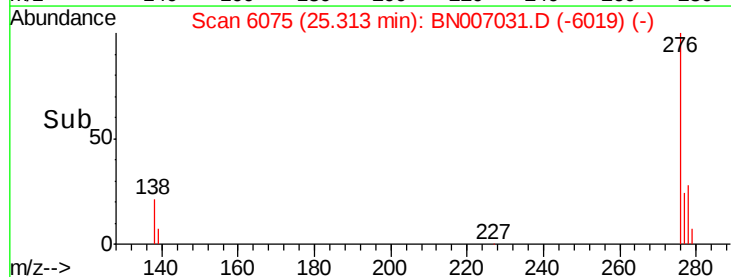
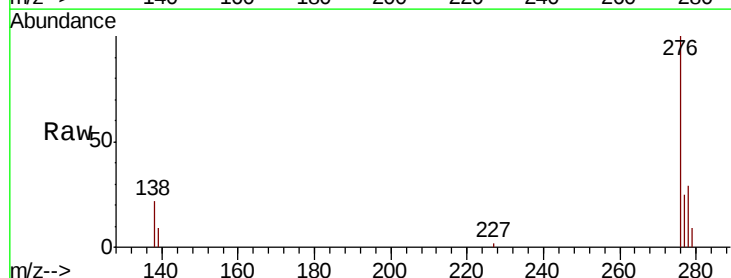
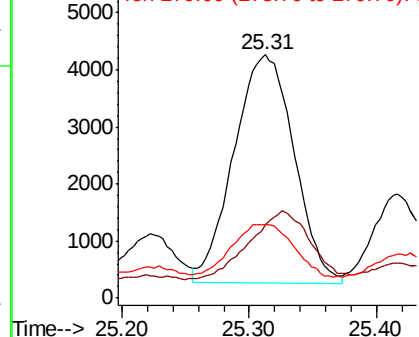
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	13141		
139	29.9	14.3	21.5	
279	30.2	19.6	29.4	

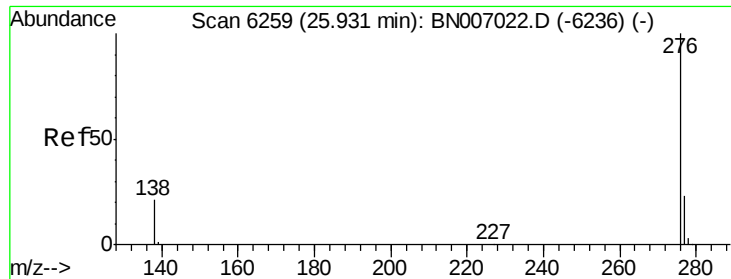
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
Benzo(a,h,i)perylene
Concen: 0.339 ng/ul
RT: 25.94 min Scan# 6261
Delta R.T. -0.00 min
Lab File: BN007031.D
Acq: 08 Aug 2019 18:28

Instrument :
BNA_N
ClientSampleId :
BENZ6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.7	28.1
277	24.6	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/9/2019 6:17:24 AM

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