

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007029.D
 Acq On : 08 Aug 2019 17:15
 Operator : HP/JU
 Sample : K3962-10DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP03DL

Manual Integrations
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mohammad
 8/9/2019 6:17:16 AM

Quant Time: Aug 09 02:10:36 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	8256	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	32992	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	20303	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	51784	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	41711	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	41600	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	2054	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	6806	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.28	128	4988	0.053	ng/ul	97
5) 2-Methylnaphthalene	11.90	142	3736	0.052	ng/ul	99
7) Acenaphthylene	13.83	152	8305	0.071	ng/ul#	97
8) Acenaphthene	14.18	153	9291	0.115	ng/ul	100
9) Fluorene	15.17	166	8667	0.089	ng/ul	97
12) Phenanthrene	16.90	178	213818	1.296	ng/ul	99
13) Anthracene	16.99	178	45756	0.271	ng/ul	99
15) Fluoranthene	18.93	202	410423	2.001	ng/ul	98
17) Pyrene	19.29	202	543192	2.917	ng/ul	100
18) Benzo(a)anthracene	21.06	228	302515	1.651	ng/ul	98
19) Chrysene	21.11	228	297028	1.731	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	242284m	1.437	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	78985m	0.483	ng/ul	
23) Benzo(a)pyrene	23.12	252	197613	1.244	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.30	276	91912	0.537	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.31	278	27571	0.202	ng/ul	92
26) Benzo(a,h,i)perylene	25.94	276	97772	0.681	ng/ul	98

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

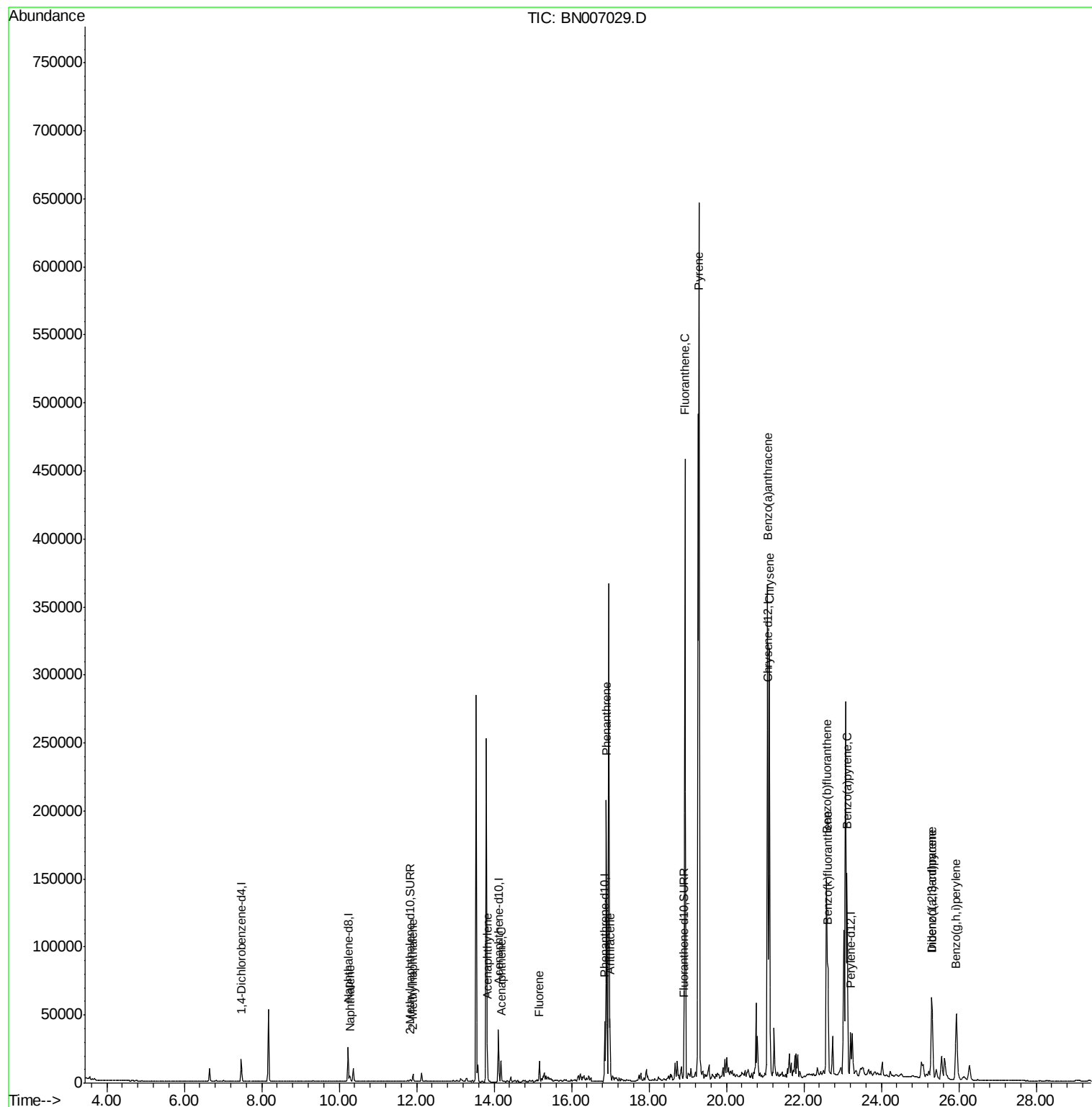
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
Data File : BN007029.D
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ALS Vial : 9 Sample Multiplier: 1

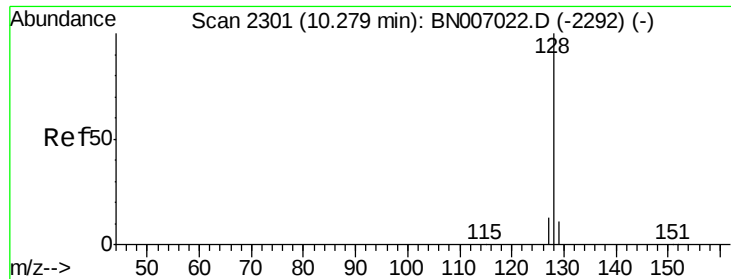
Instrument :
BNA_N
ClientSampleId :
BEP03DL

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Quant Time: Aug 09 02:10:36 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
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#3

Naphthalene

Concen: 0.053 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BN007029.D

Acq: 08 Aug 2019 17:15

Instrument :

BNA_N

ClientSampleId :

BEP03DL

Tot Ion:128 Resp: 4988

Ion Ratio Lower Upper

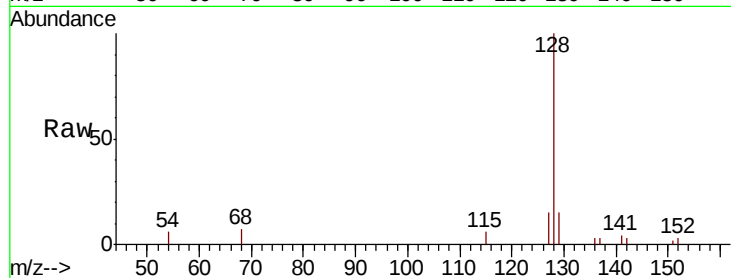
128 100

129 14.7 10.0 15.0

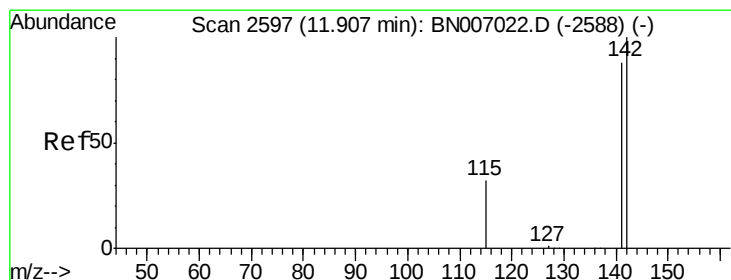
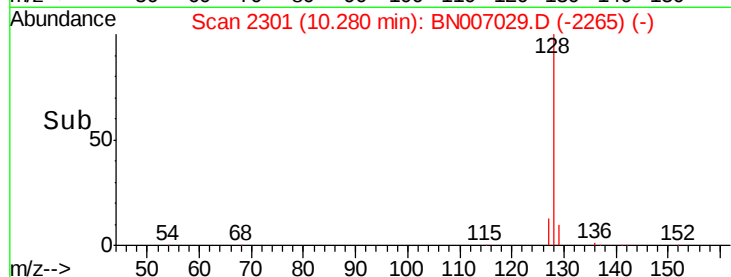
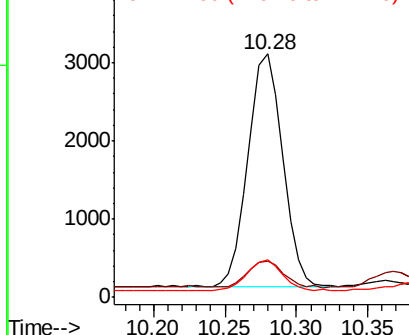
127 15.3 11.7 17.5

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.052 ng/ul

RT: 11.90 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BN007029.D

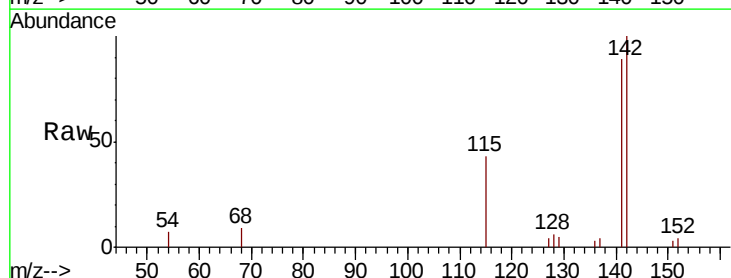
Acq: 08 Aug 2019 17:15

Tgt Ion:142 Resp: 3736

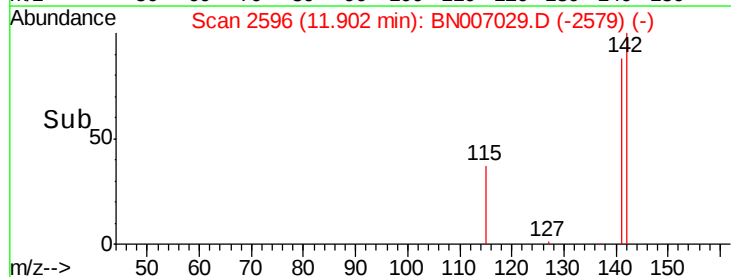
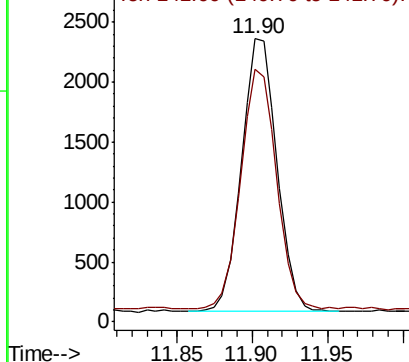
Ion Ratio Lower Upper

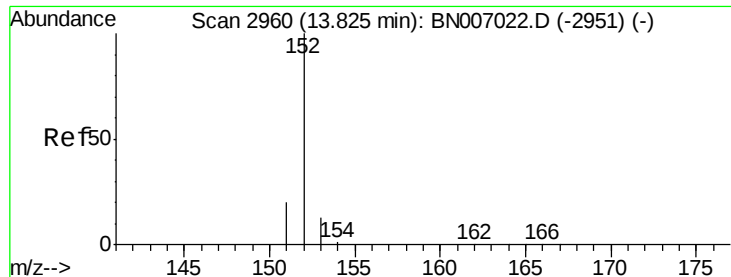
142 100

141 88.2 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 13.83 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BN007029.D

Acq: 08 Aug 2019 17:15

Instrument :

BNA_N

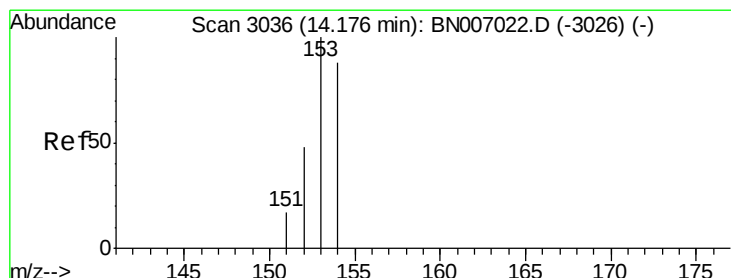
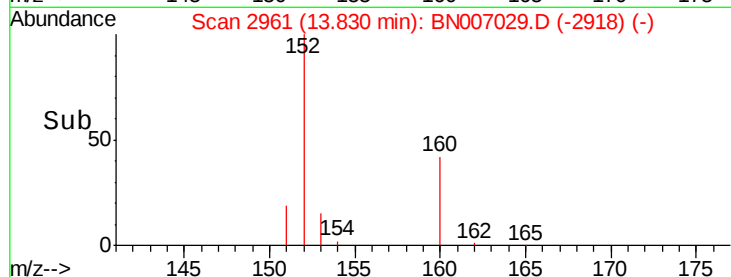
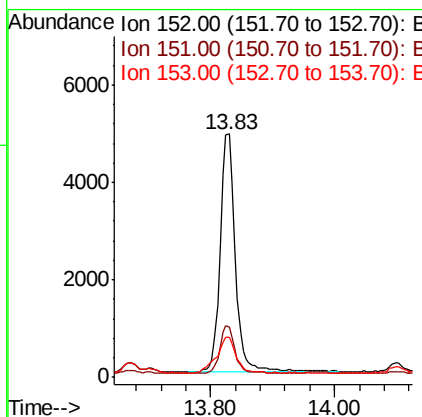
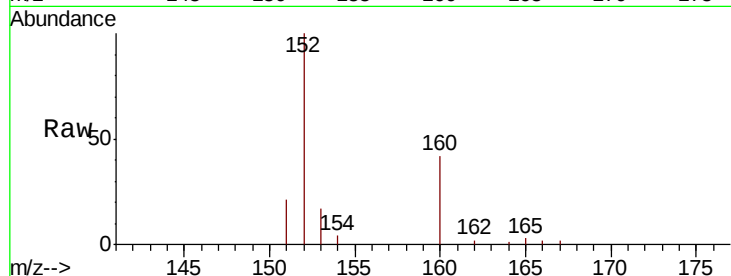
ClientSampleId :

BEP03DL

Tot Ion:	152	Resp:	8305
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	16.5	11.0	16.4

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#8

Acenaphthene

Concen: 0.115 ng/ul

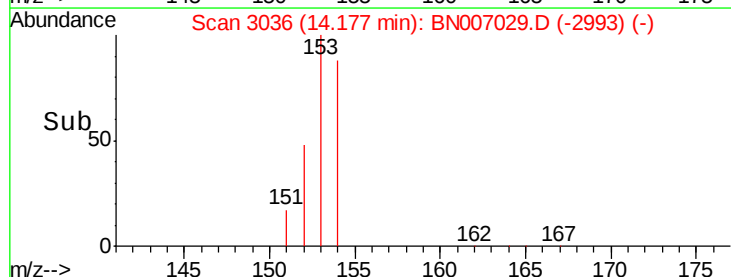
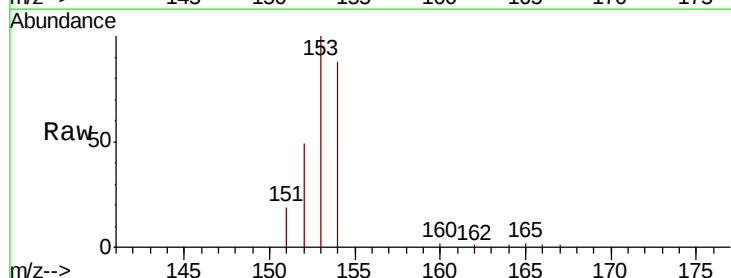
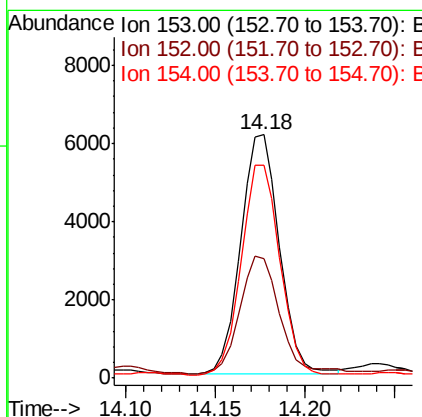
RT: 14.18 min Scan# 3036

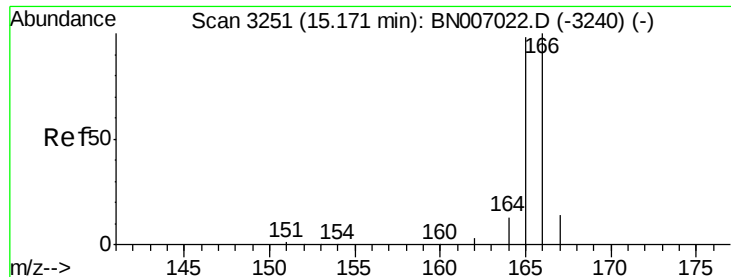
Delta R.T. 0.00 min

Lab File: BN007029.D

Acq: 08 Aug 2019 17:15

Tgt Ion:	153	Resp:	9291
Ion Ratio	Lower	Upper	
153	100		
152	48.9	39.4	59.2
154	87.7	70.1	105.1





#9

Fluorene

Concen: 0.089 ng/ul

RT: 15.17 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BN007029.D

Acq: 08 Aug 2019 17:15

Instrument :

BNA_N

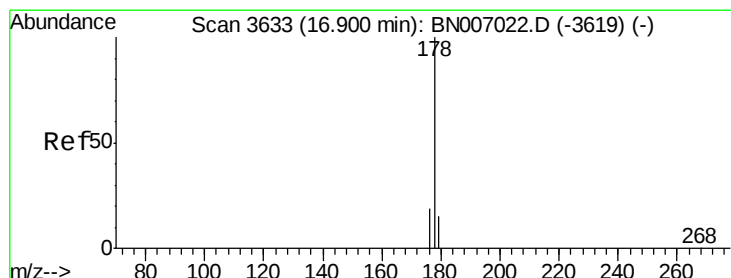
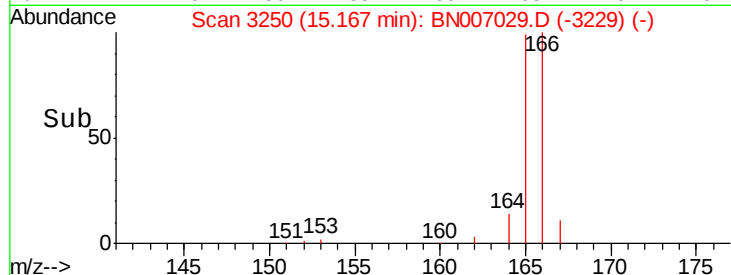
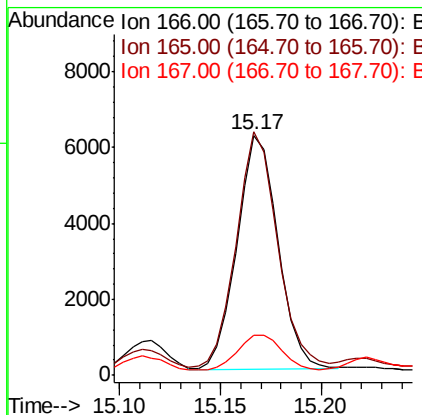
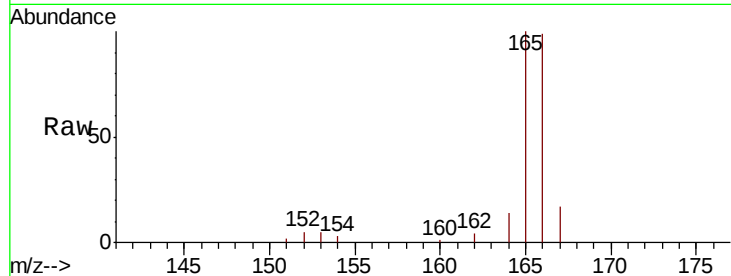
ClientSampleId :

BEP03DL

Tot Ion:	166	Resp:	8667
Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.8	118.2
167	16.8	11.3	16.9

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#12

Phenanthrene

Concen: 1.296 ng/ul

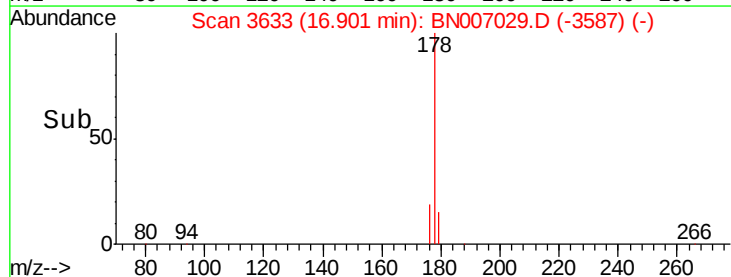
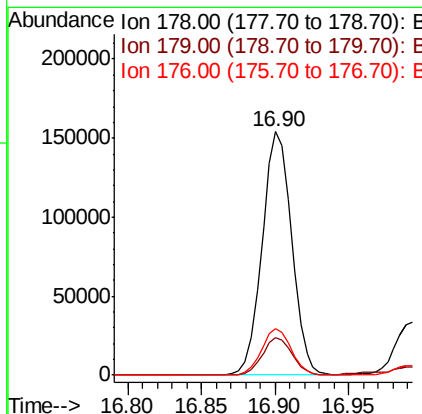
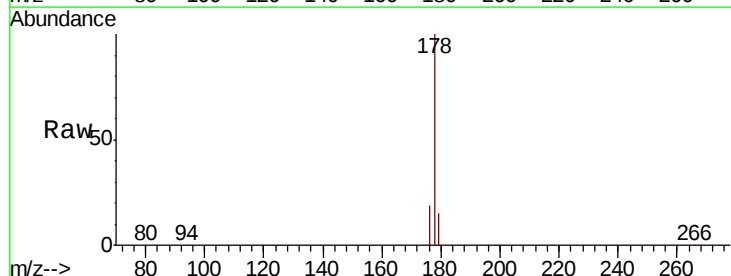
RT: 16.90 min Scan# 3633

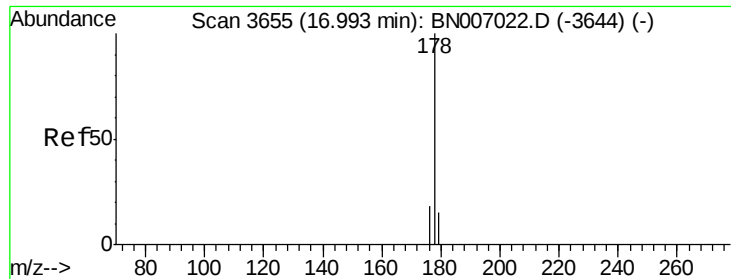
Delta R.T. -0.00 min

Lab File: BN007029.D

Acq: 08 Aug 2019 17:15

Tgt Ion:	178	Resp:	213818
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.1	15.6	23.4





#13

Anthracene

Concen: 0.271 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BN007029.D

Acq: 08 Aug 2019 17:15

Instrument :

BNA_N

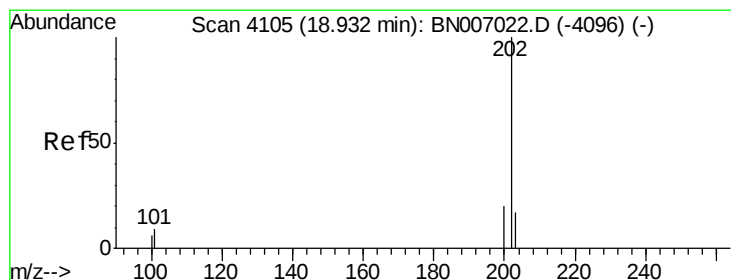
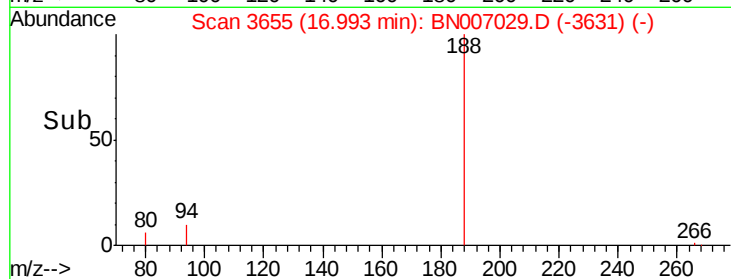
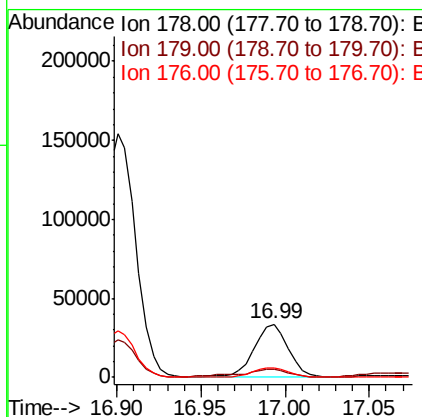
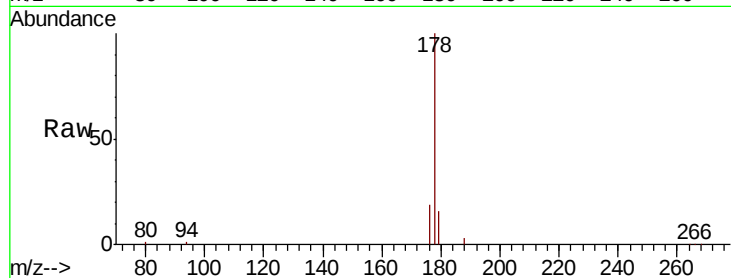
ClientSampleId :

BEP03DL

Tot Ion:	178	Resp:	45756
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	18.5	15.4	23.0

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#15

Fluoranthene

Concen: 2.001 ng/ul

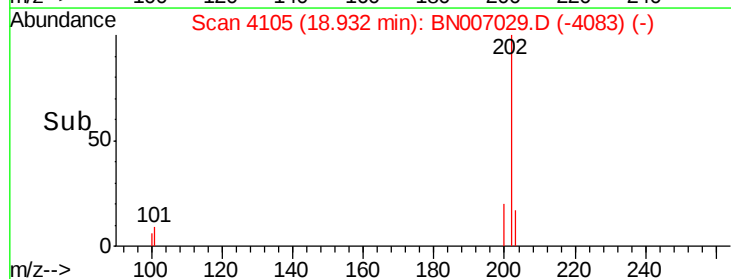
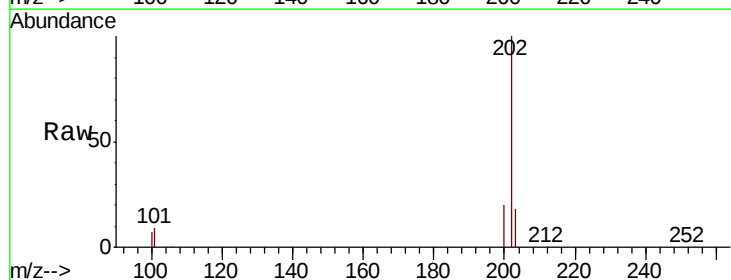
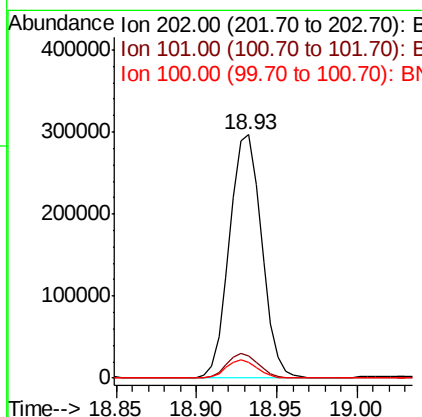
RT: 18.93 min Scan# 4105

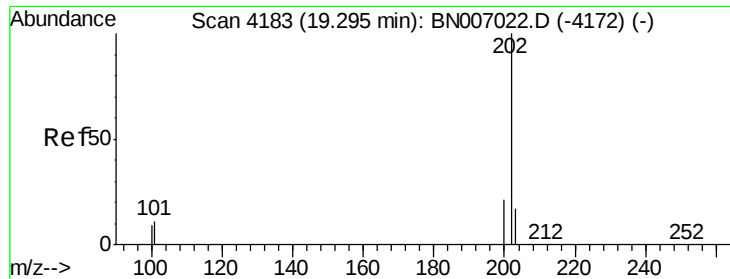
Delta R.T. 0.00 min

Lab File: BN007029.D

Acq: 08 Aug 2019 17:15

Tgt Ion:	202	Resp:	410423
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.0
100	6.6	0.0	27.7





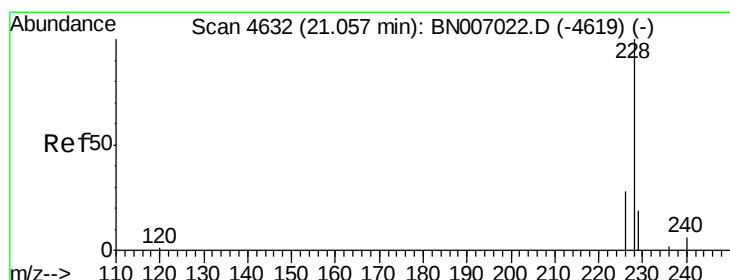
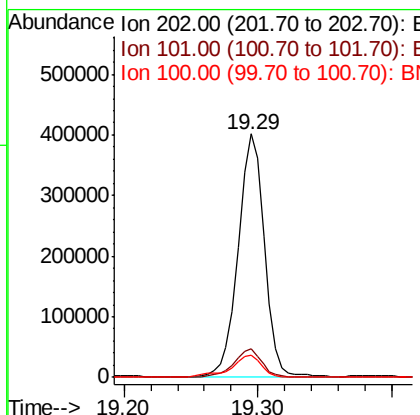
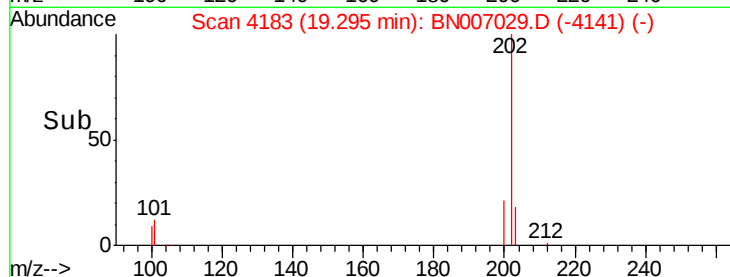
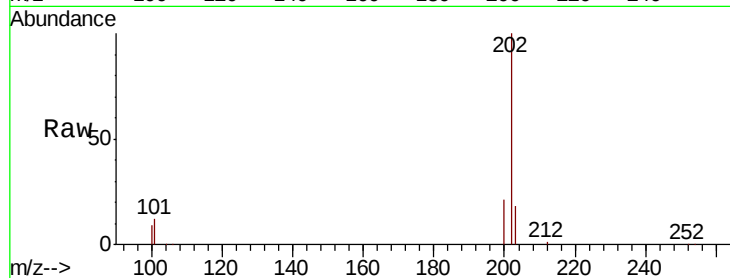
#17
Pvrene
Concen: 2.917 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007029.D
Acq: 08 Aug 2019 17:15

Instrument :
BNA_N
ClientSampled :
BEP03DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	9.3	13.9
100	9.2	7.3	10.9

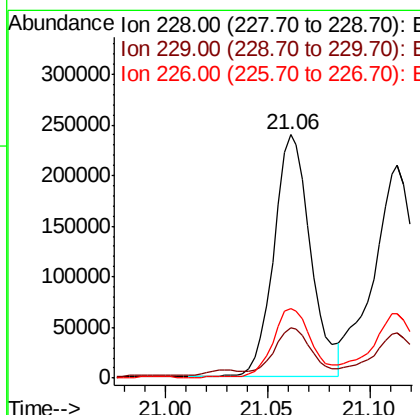
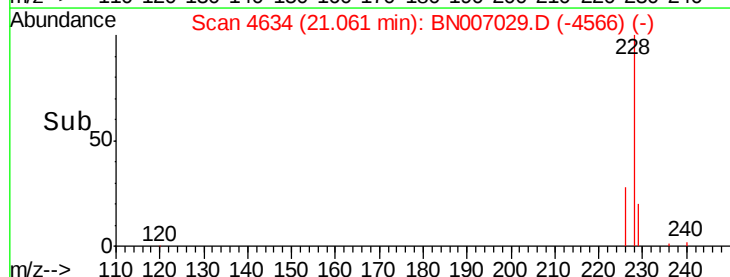
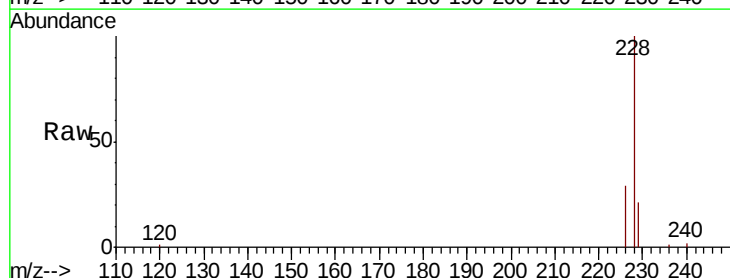
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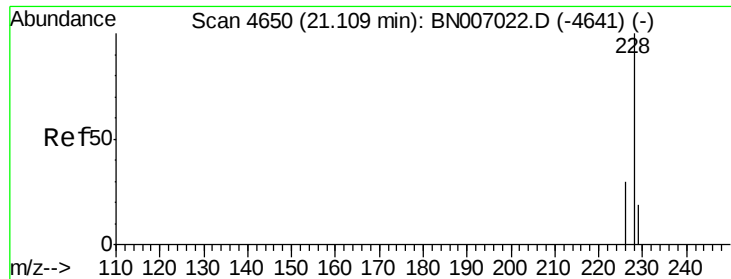
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#18
Benzo(a)anthracene
Concen: 1.651 ng/ul
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN007029.D
Acq: 08 Aug 2019 17:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.9	23.9
226	28.6	22.2	33.4





#19

Chrysene

Concen: 1.731 ng/ul

RT: 21.11 min Scan# 4652

Delta R.T. 0.00 min

Lab File: BN007029.D

Acq: 08 Aug 2019 17:15

Instrument :

BNA_N

ClientSampleId :

BEP03DL

Tot Ion:228 Resp: 297028

Ion Ratio Lower Upper

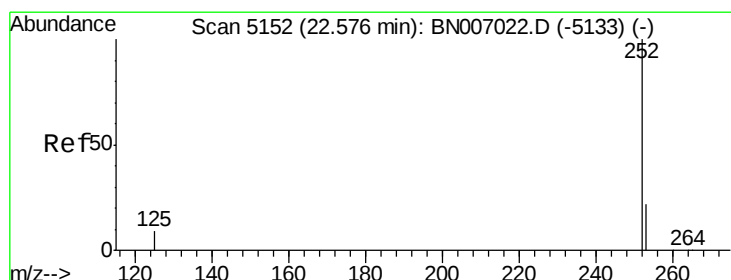
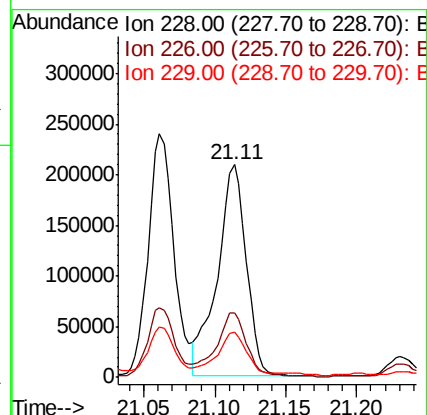
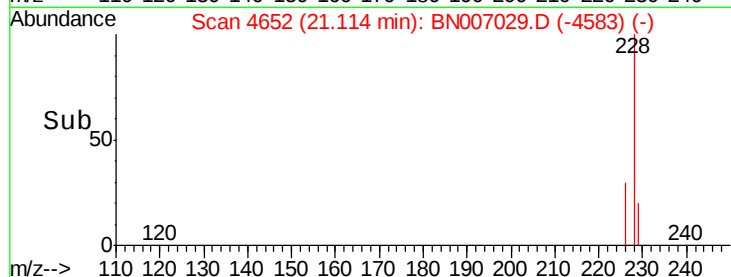
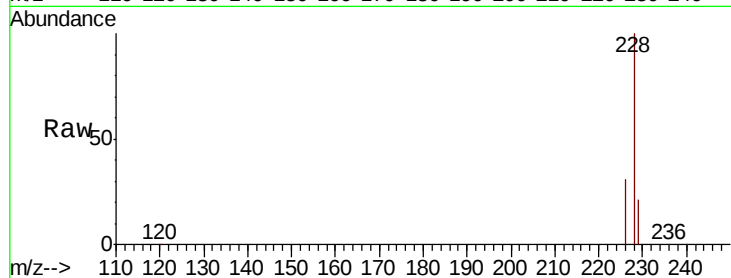
228 100

226 30.6 24.7 37.1

229 21.3 15.5 23.3

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#21

Benzo(b)fluoranthene

Concen: 1.437 ng/ul m

RT: 22.58 min Scan# 5155

Delta R.T. 0.00 min

Lab File: BN007029.D

Acq: 08 Aug 2019 17:15

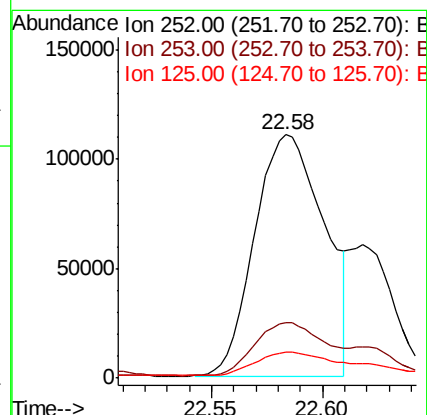
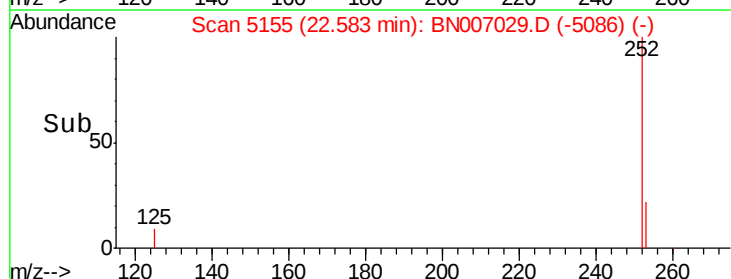
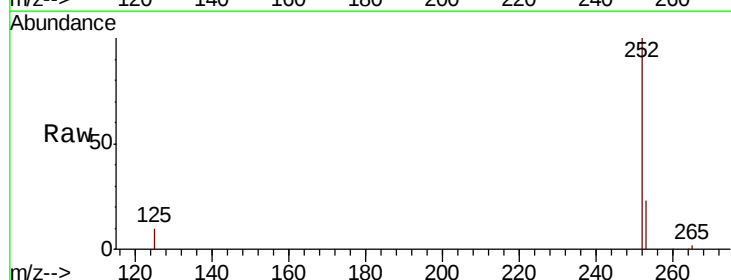
Tgt Ion:252 Resp: 242284

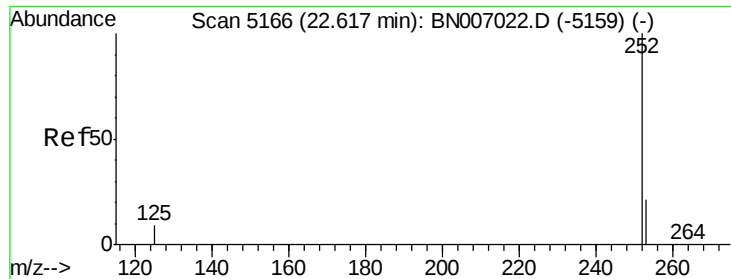
Ion Ratio Lower Upper

252 100

253 22.7 0.0 45.2

125 10.5 0.0 22.2





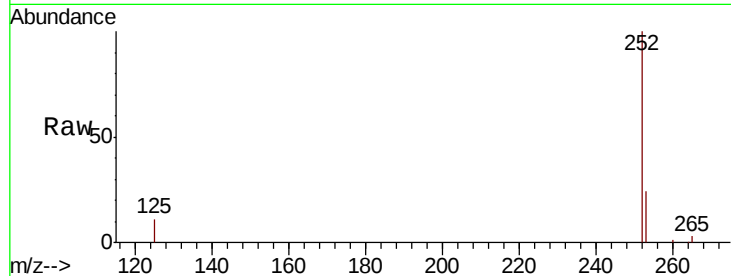
#22
Benzo(k)fluoranthene
Concen: 0.483 ng/ul m
RT: 22.62 min Scan# 5167
Delta R.T. -0.01 min
Lab File: BN007029.D
Acq: 08 Aug 2019 17:15

Instrument :
BNA_N
ClientSampleId :
BEP03DL

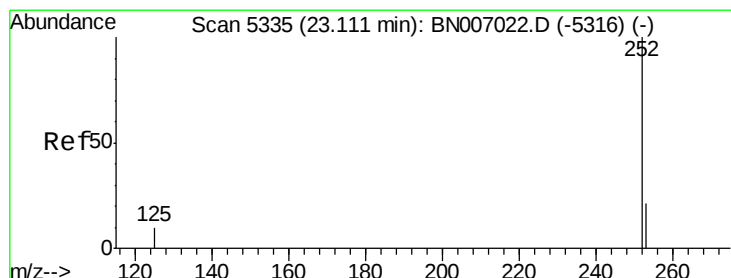
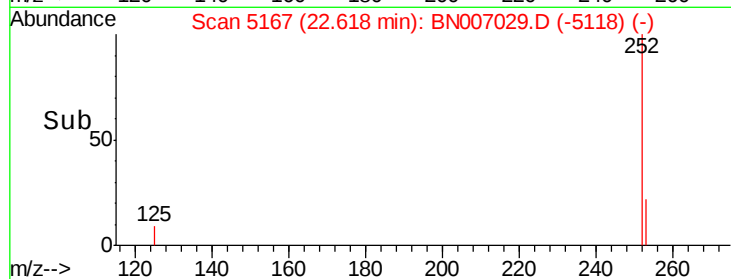
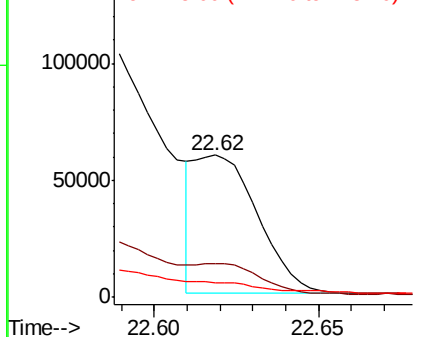
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	10.6	8.7	13.1

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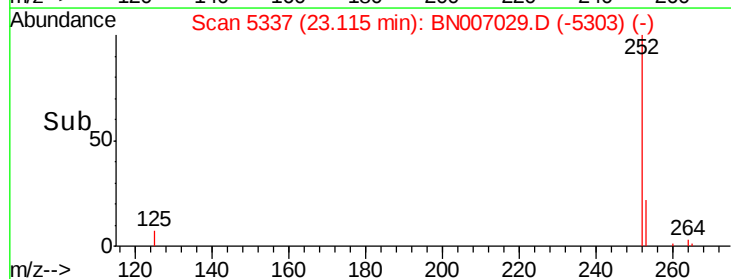
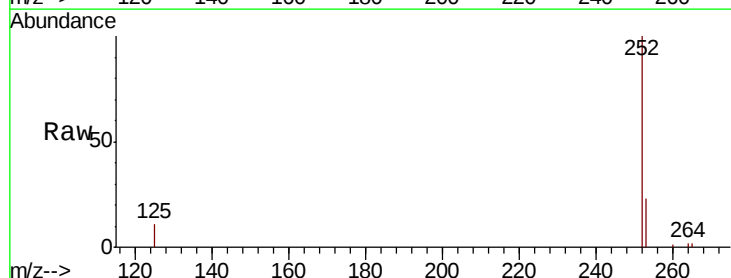
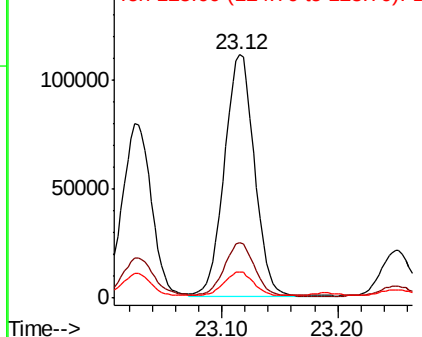
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

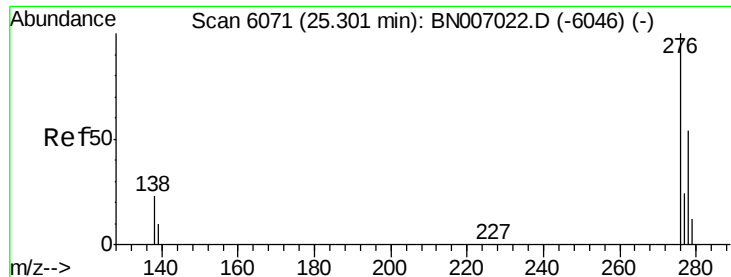


#23
Benzo(a)pyrene
Concen: 1.244 ng/ul
RT: 23.12 min Scan# 5337
Delta R.T. 0.00 min
Lab File: BN007029.D
Acq: 08 Aug 2019 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.8	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





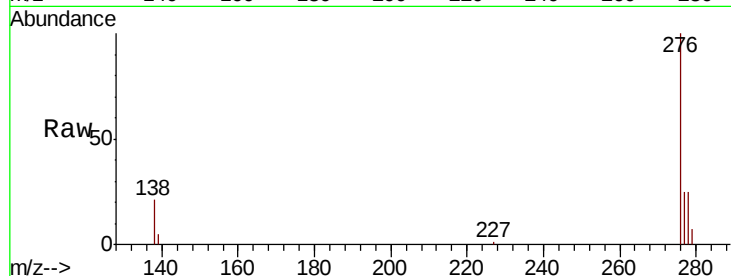
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.537 ng/ul
RT: 25.30 min Scan# 6072
Delta R.T. -0.00 min
Lab File: BN007029.D
Acq: 08 Aug 2019 17:15

Instrument :
BNA_N
ClientSampled :
BEP03DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.9	29.9
227	0.2	0.2	0.4

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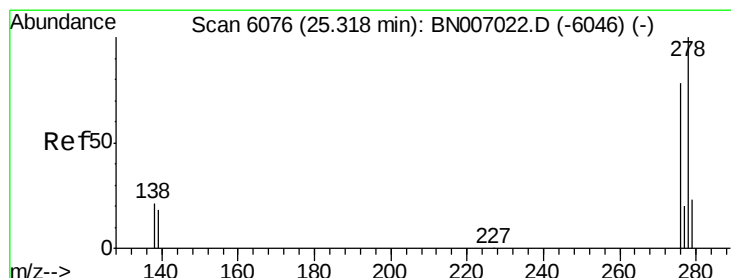
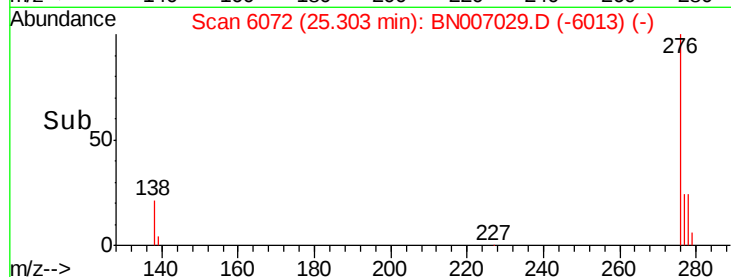
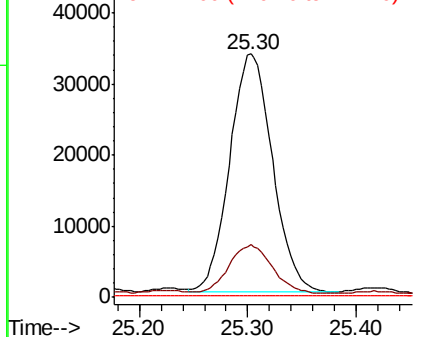


Abundance

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: 0.202 ng/ul
RT: 25.31 min Scan# 6075
Delta R.T. -0.01 min
Lab File: BN007029.D
Acq: 08 Aug 2019 17:15

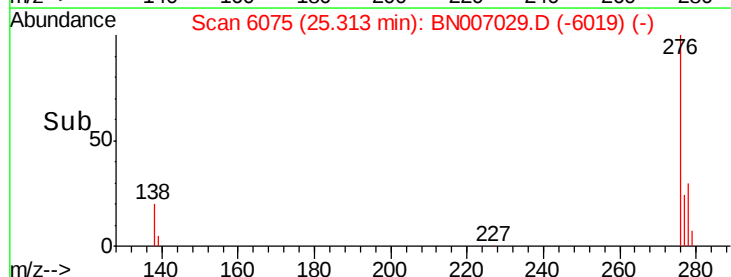
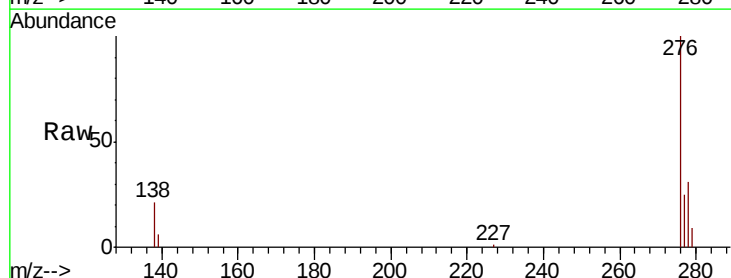
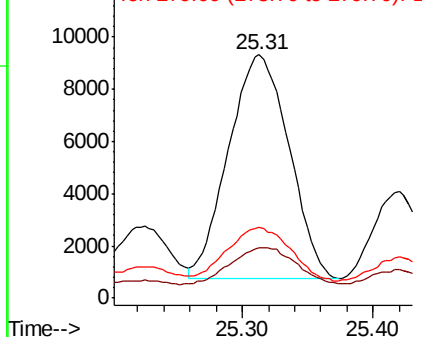
Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	14.3	21.5
279	29.3	19.6	29.4

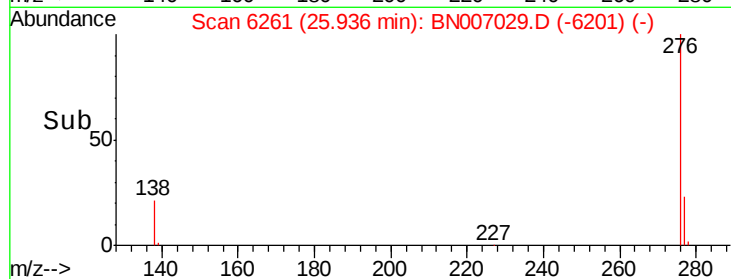
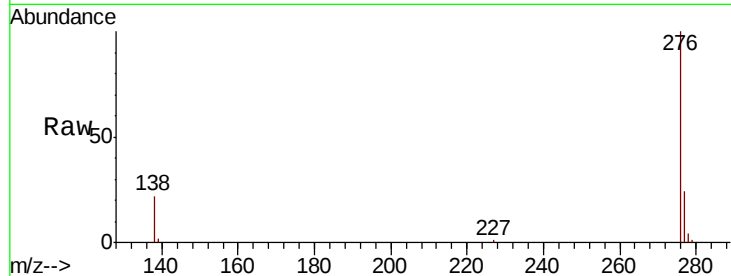
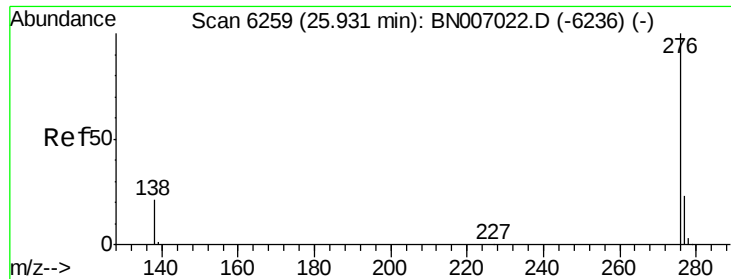
Abundance

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: 0.681 ng/ul

RT: 25.94 min Scan# 6261

Delta R.T. 0.00 min

Lab File: BN007029.D

Acq: 08 Aug 2019 17:15

Tot Ion:	276	Resp:	97772
Ion Ratio	Lower	Upper	
276	100		
138	21.5	18.7	28.1
277	24.5	19.3	28.9

Instrument :

BNA_N

ClientSampleId :

BEP03DL

Manual Integrations
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