

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008279.D
 Acq On : 21 Oct 2019 12:48
 Operator : JU
 Sample : K5199-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP77

Manual Integrations
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Quant Time: Oct 21 15:53:13 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 : Mon Oct 21 15:18:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1602	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	7758	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	4870	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	10882m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10657	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13217	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2844	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	8721	0.23	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.94	152	922	0.040	ng/ul#	83
12) Phenanthrene	17.01	178	8148	0.256	ng/ul	99
13) Anthracene	17.11	178	1149	0.041	ng/ul#	82
15) Fluoranthene	19.04	202	19171	0.456	ng/ul	99
17) Pyrene	19.40	202	17680	0.417	ng/ul	99
18) Benzo(a)anthracene	21.16	228	8059	0.208	ng/ul	95
19) Chrysene	21.22	228	10580	0.223	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	14145m	0.329	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	4659m	0.096	ng/ul	
23) Benzo(a)pyrene	23.26	252	8799	0.194	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.51	276	5521	0.104	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.51	278	1151	0.027	ng/ul#	39
26) Benzo(g,h,i)perylene	26.16	276	4976	0.102	ng/ul#	90

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

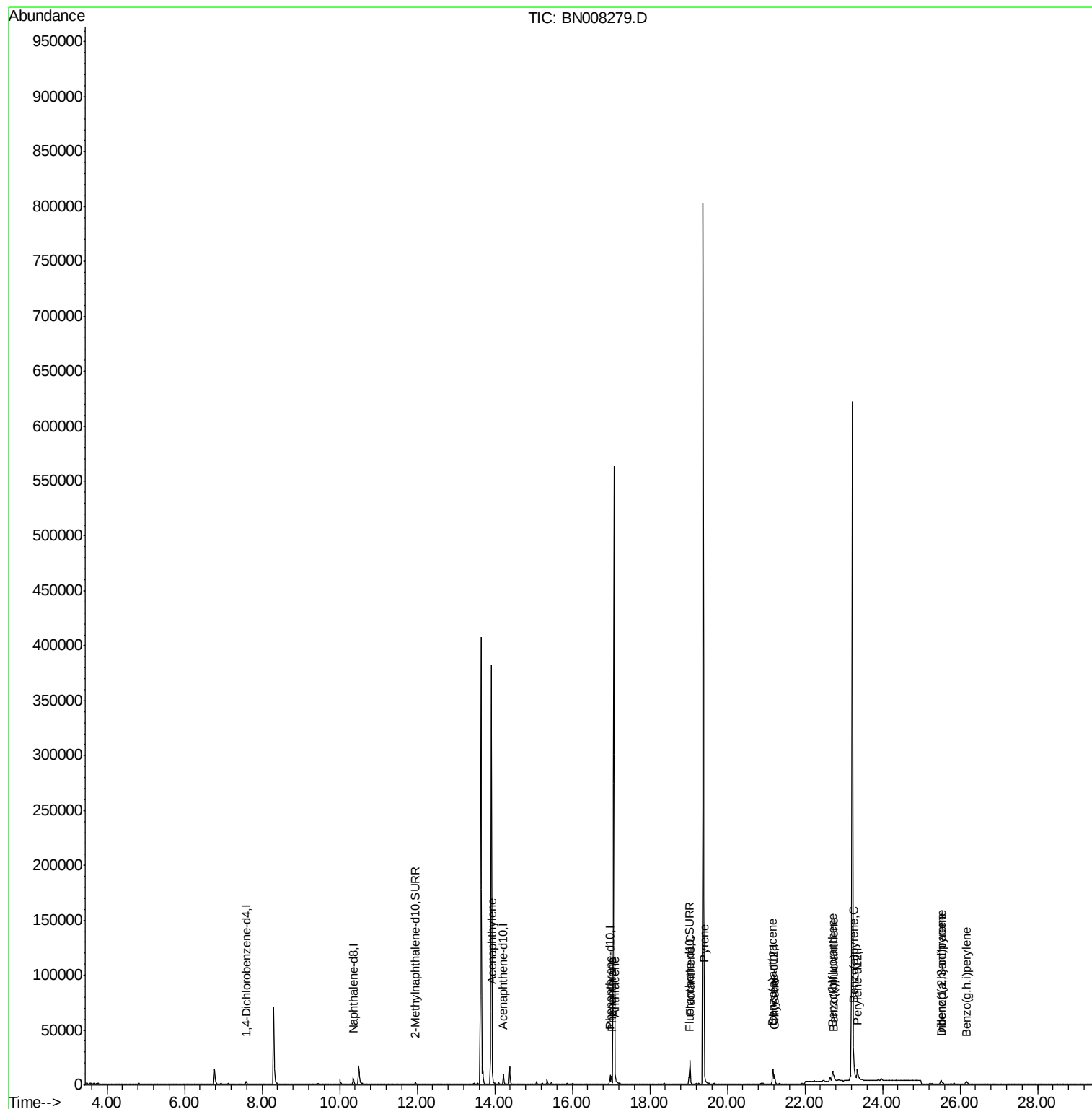
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008279.D
Acq On : 21 Oct 2019 12:48
Operator : JU
Sample : K5199-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

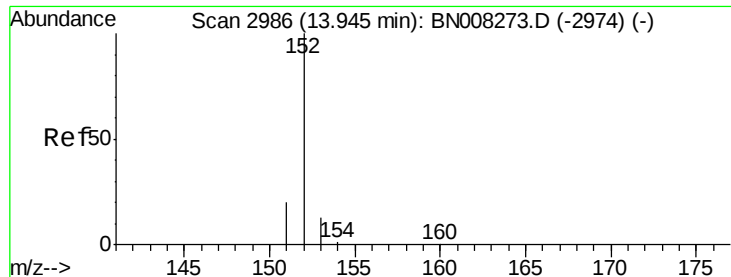
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:18:52 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008279.D

Acq: 21 Oct 2019 12:48

Instrument :

BNA_N

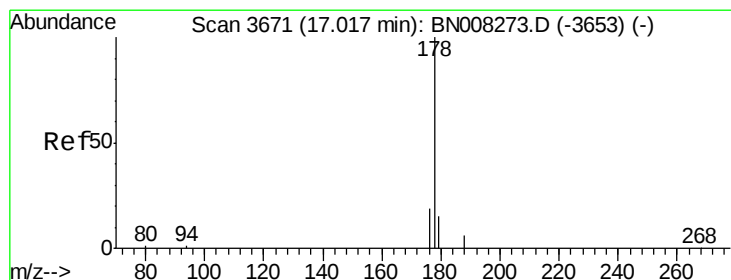
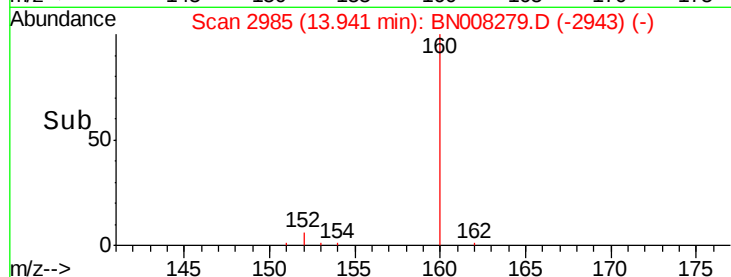
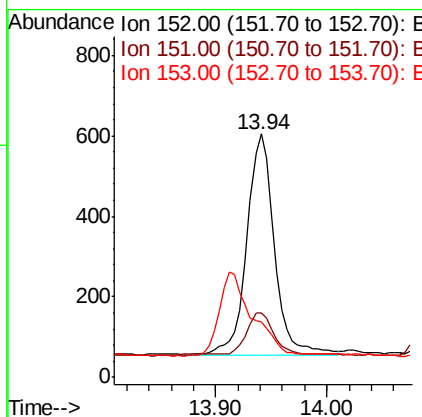
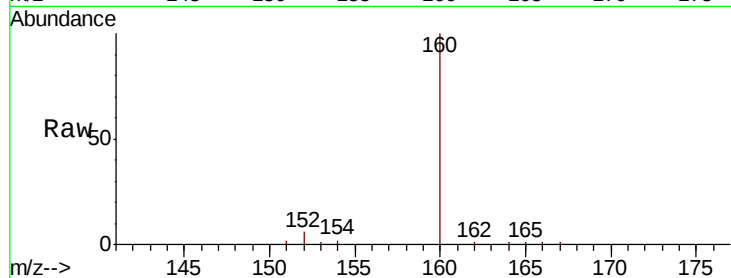
ClientSampleId :

BEP77

Tot Ion:	152	Resp:	922
Ion Ratio	Lower	Upper	
152	100		
151	26.6	16.2	24.4#
153	23.0	11.0	16.4#

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#12

Phenanthrene

Concen: 0.256 ng/ul

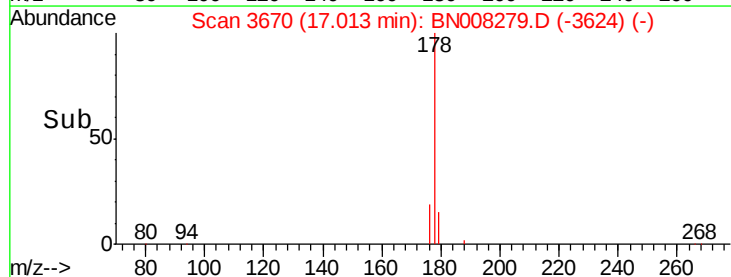
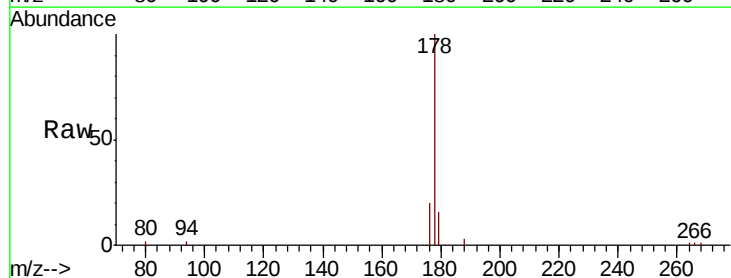
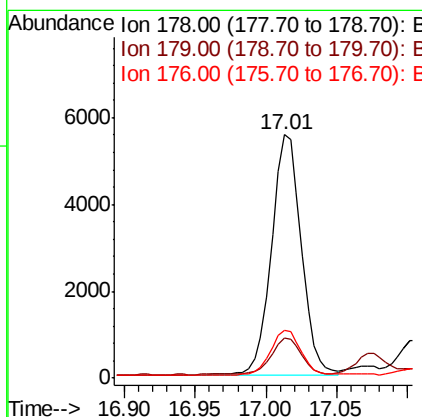
RT: 17.01 min Scan# 3670

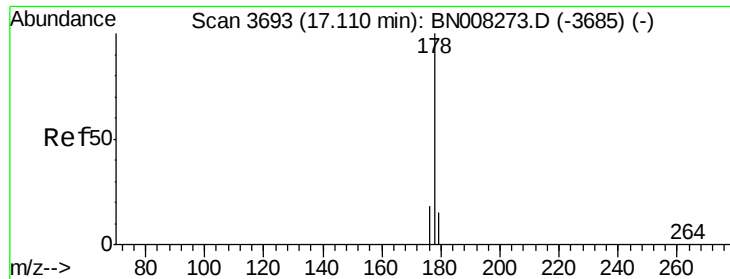
Delta R.T. -0.00 min

Lab File: BN008279.D

Acq: 21 Oct 2019 12:48

Tgt Ion:	178	Resp:	8148
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.8	19.2
176	19.8	15.4	23.2





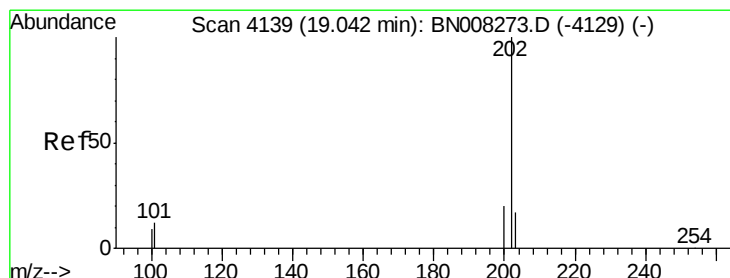
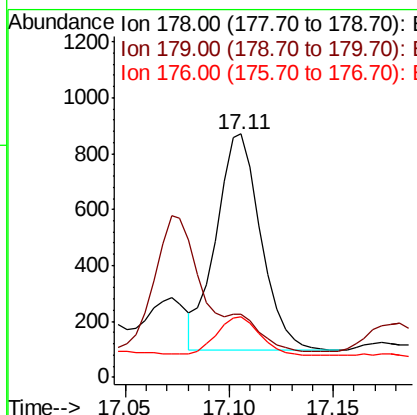
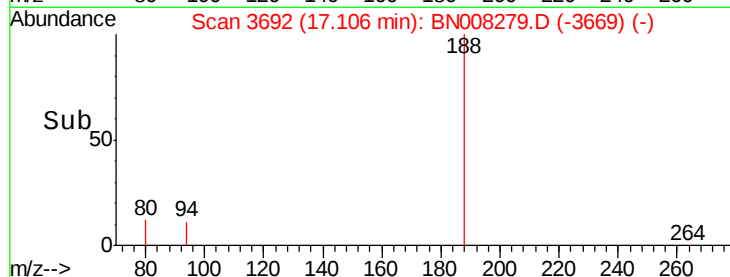
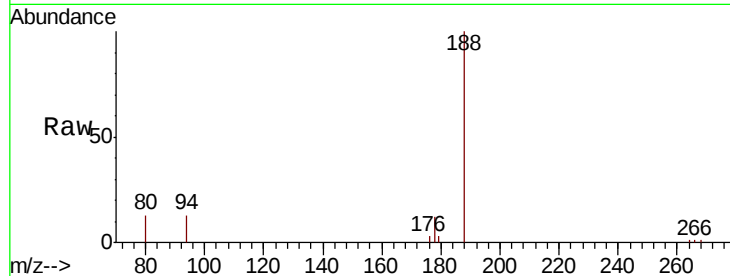
#13
 Anthracene
 Concen: 0.041 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: BN008279.D
 Acq: 21 Oct 2019 12:48

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	26.1	13.0	19.6#
176	24.9	15.0	22.6#

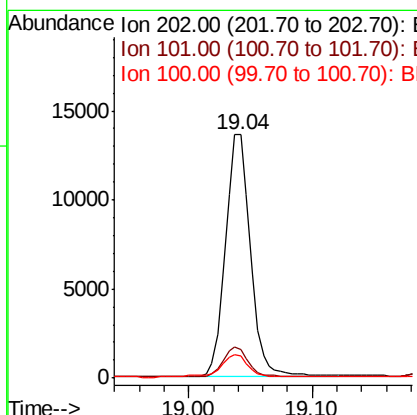
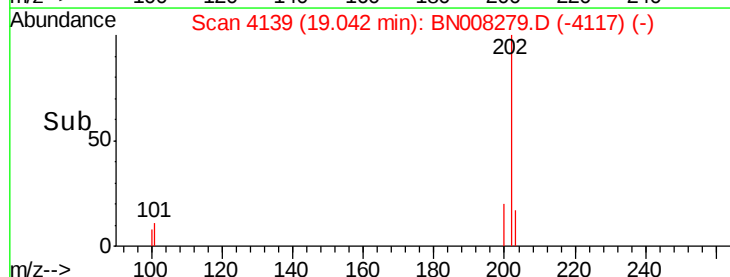
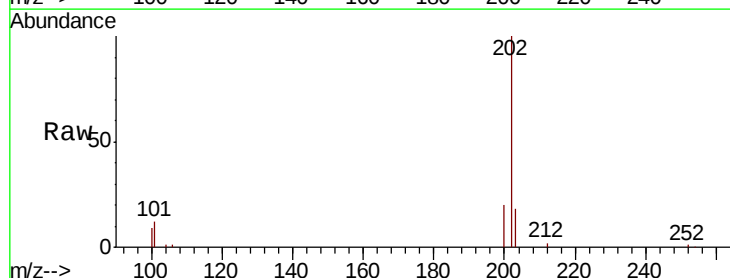
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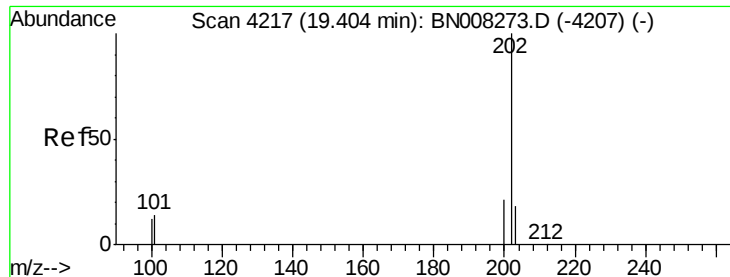
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#15
 Fluoranthene
 Concen: 0.456 ng/ul
 RT: 19.04 min Scan# 4139
 Delta R.T. 0.00 min
 Lab File: BN008279.D
 Acq: 21 Oct 2019 12:48

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





#17

Pvrene

Concen: 0.417 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN008279.D

Acq: 21 Oct 2019 12:48

Instrument :

BNA_N

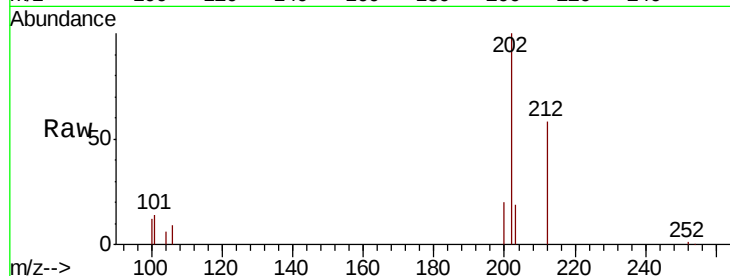
ClientSampleId :

BEP77

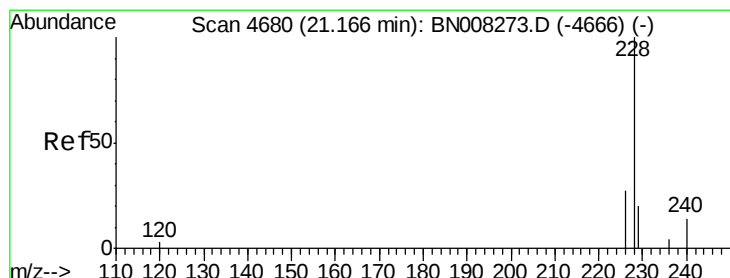
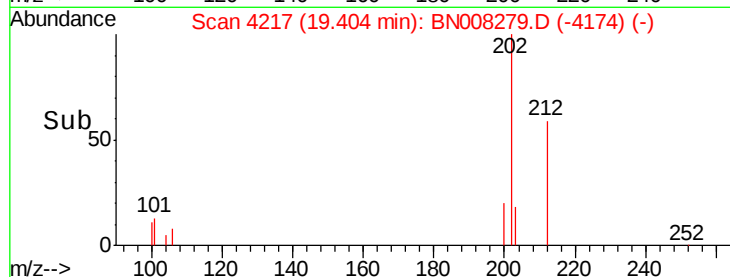
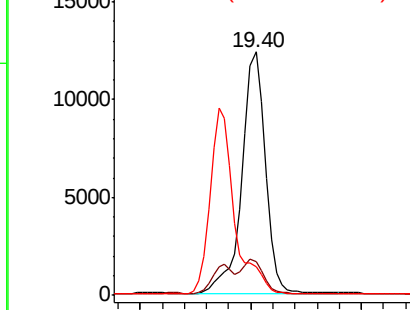
Tot Ion:	202	Resp:	17680
Ion Ratio	Lower	Upper	
202	100		
101	13.9	10.9	16.3
100	11.8	8.7	13.1

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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: 0.208 ng/ul

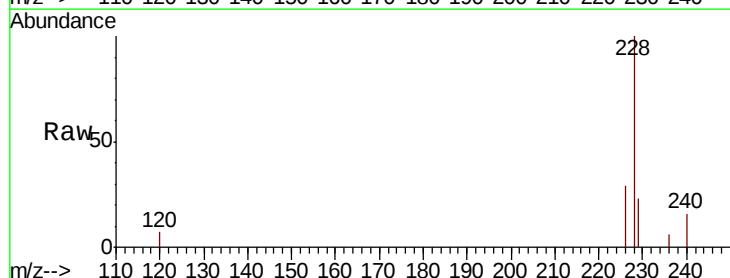
RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

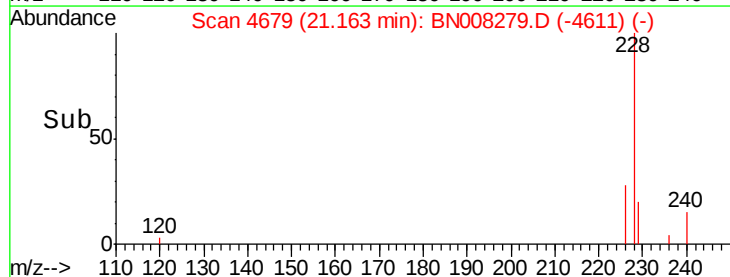
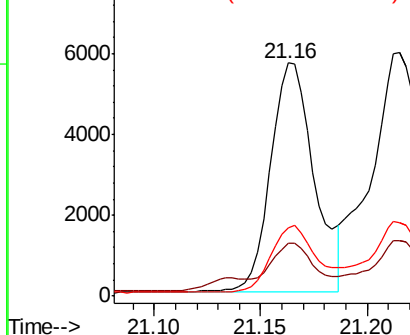
Lab File: BN008279.D

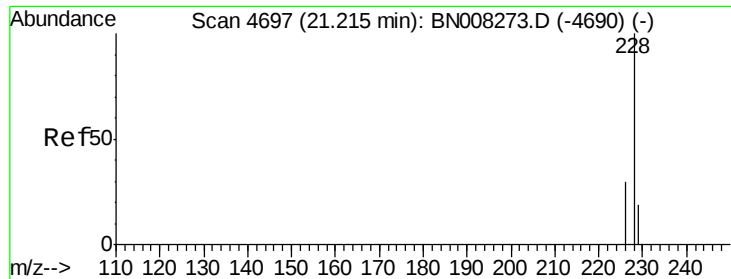
Acq: 21 Oct 2019 12:48

Tgt Ion:	228	Resp:	8059
Ion Ratio	Lower	Upper	
228	100		
229	22.5	16.2	24.2
226	29.4	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: 0.223 ng/ul

RT: 21.22 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN008279.D

Acq: 21 Oct 2019 12:48

Instrument :

BNA_N

ClientSampleId :

BEP77

Tot Ion:228 Resp: 10580

Ion Ratio Lower Upper

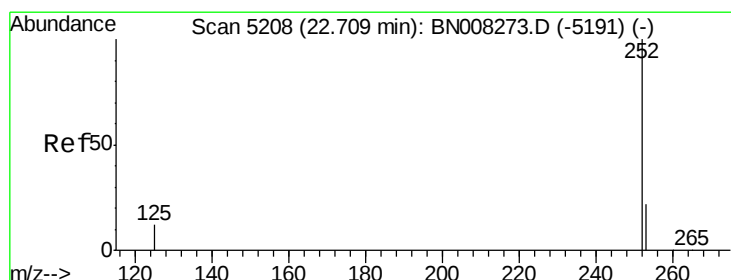
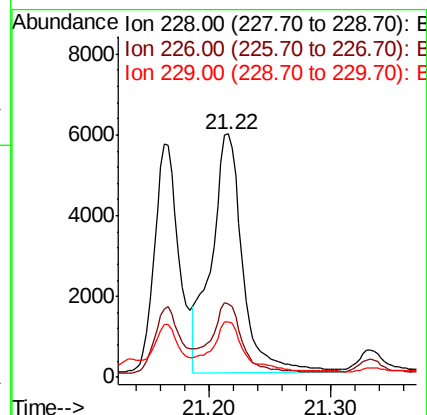
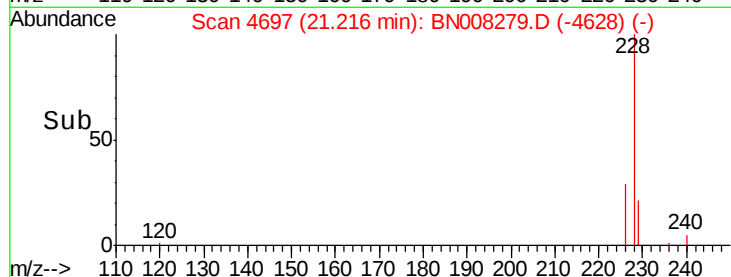
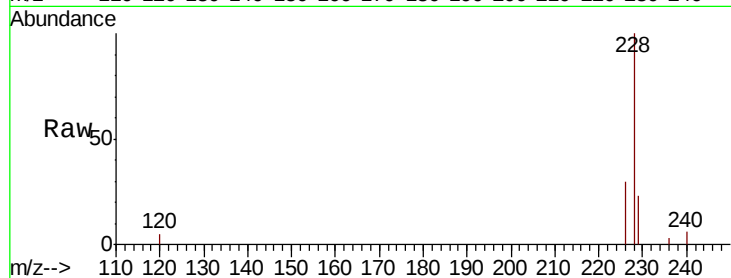
228 100

226 30.2 24.1 36.1

229 23.0 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 0.329 ng/ul m

RT: 22.71 min Scan# 5209

Delta R.T. 0.00 min

Lab File: BN008279.D

Acq: 21 Oct 2019 12:48

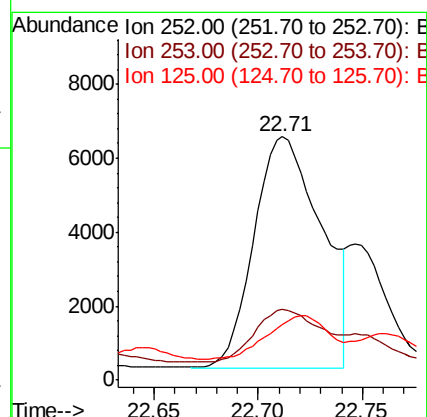
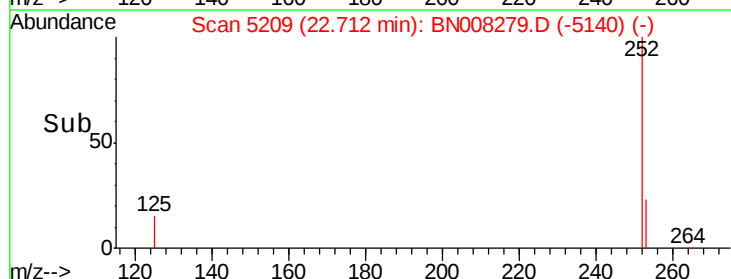
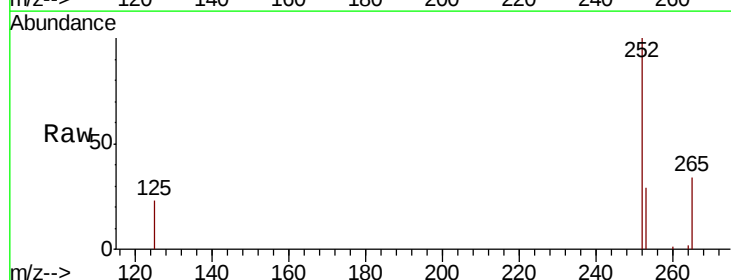
Tgt Ion:252 Resp: 14145

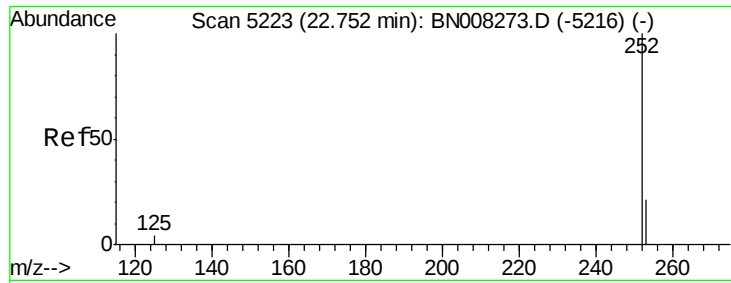
Ion Ratio Lower Upper

252 100

253 29.1 0.0 53.4

125 22.7 0.0 32.4





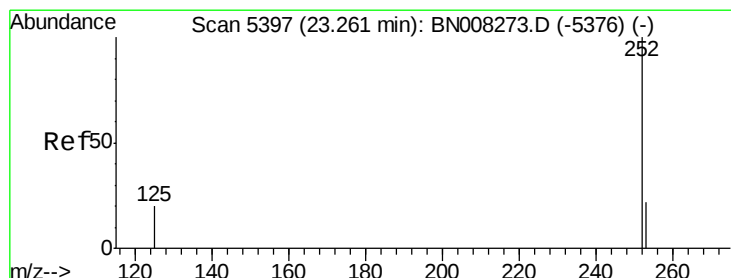
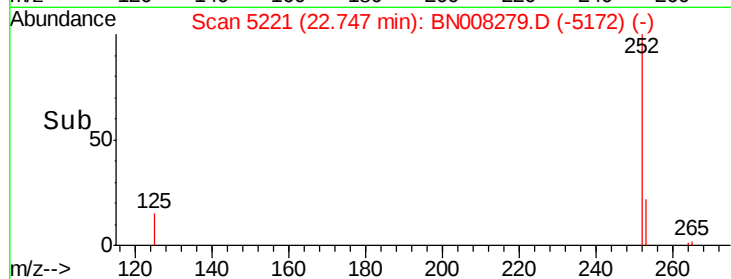
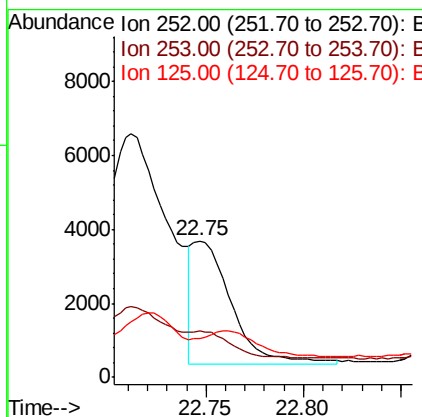
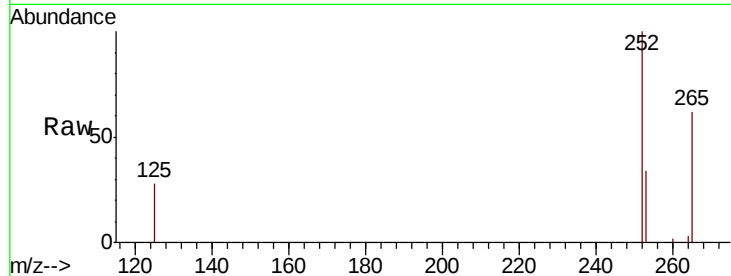
#22
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008279.D
Acq: 21 Oct 2019 12:48

Instrument :
BNA_N
ClientSampleId :
BEP77

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.9	21.3	31.9#
125	28.4	12.3	18.5#

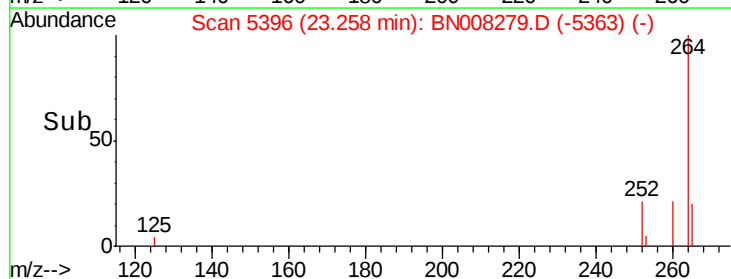
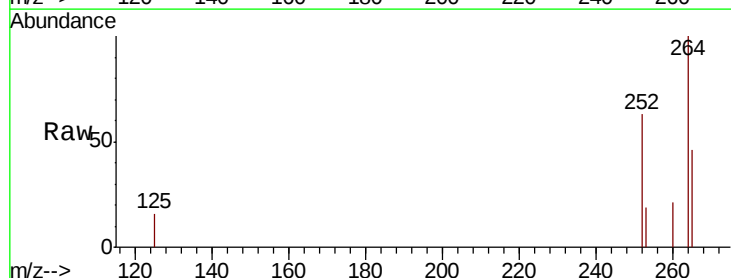
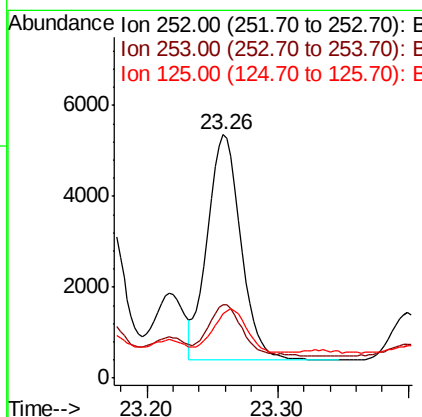
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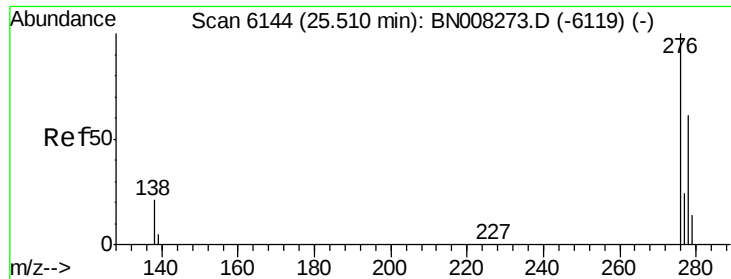
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#23
Benzo(a)pyrene
Concen: 0.194 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008279.D
Acq: 21 Oct 2019 12:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	22.8	34.2
125	26.2	18.4	27.6





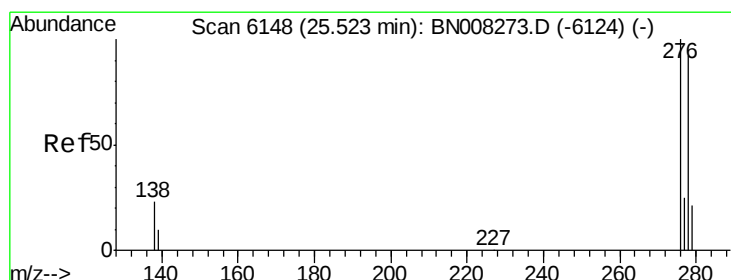
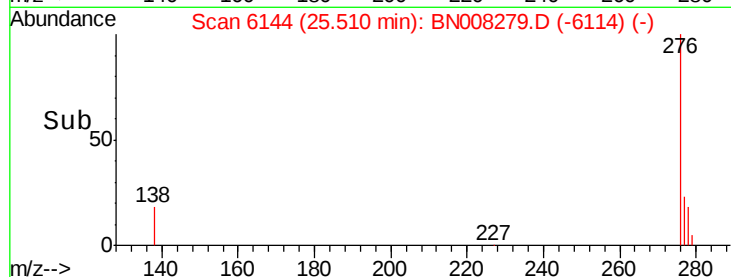
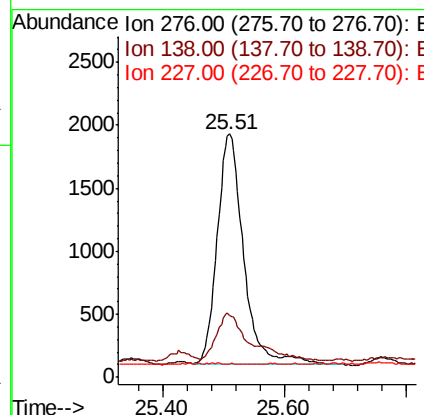
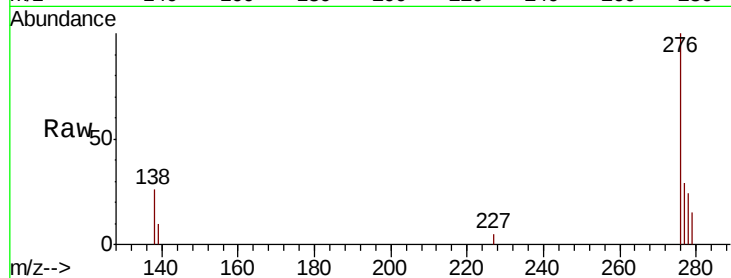
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.104 ng/ul
 RT: 25.51 min Scan# 6144
 Delta R.T. 0.00 min
 Lab File: BN008279.D
 Acq: 21 Oct 2019 12:48

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	16.1	24.1#
227	0.0	0.2	0.2#

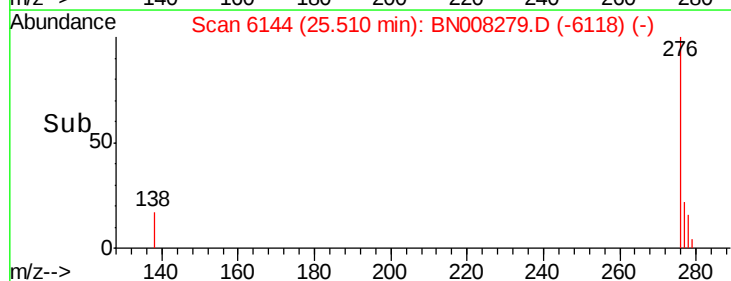
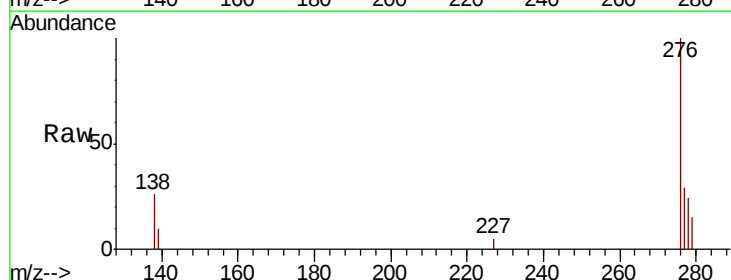
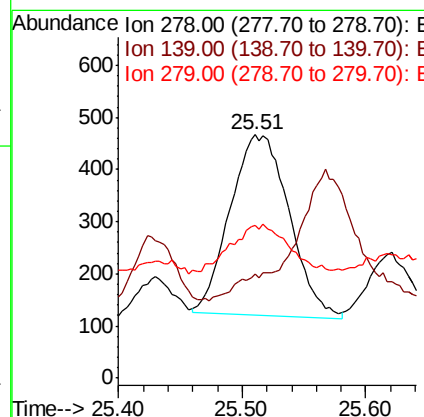
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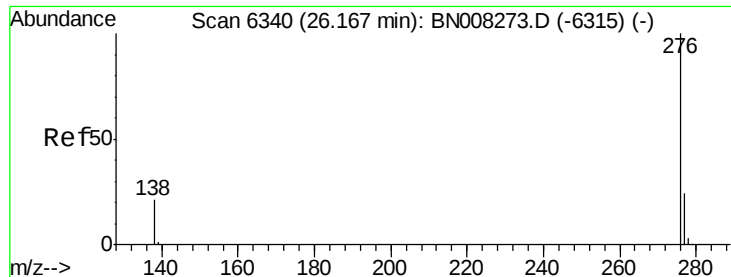
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.027 ng/ul
 RT: 25.51 min Scan# 6144
 Delta R.T. -0.01 min
 Lab File: BN008279.D
 Acq: 21 Oct 2019 12:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.8	15.0	22.6#
279	63.0	22.4	33.6#





#26

Benzo(a,h,i)perylene

Concen: 0.102 ng/ul

RT: 26.16 min Scan# 6339

Delta R.T. -0.00 min

Lab File: BN008279.D

Acq: 21 Oct 2019 12:48

Instrument :

BNA_N

ClientSampleId :

BEP77

Tot Ion:	276	Resp:	4976
Ion Ratio	Lower	Upper	
276	100		
138	28.0	17.0	25.4#
277	28.7	20.4	30.6

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