

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\
 Data File : BN004893.D
 Acq On : 22 Mar 2019 20:48
 Operator : JU/SJ
 Sample : K1842-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-10_030719

Manual Integrations
 APPROVED

Sohil
 3/25/2019 8:57:29 AM

Quant Time: Mar 25 08:23:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2996	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	12695	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	7456	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	19004	0.40	ng	0.00
27) Chrysene-d12	21.29	240	25147	0.40	ng	0.00
34) Perylene-d12	23.54	264	25835	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	1327	0.16	ng	0.00
5) Phenol-d6	6.87	99	1237	0.12	ng	0.00
8) Nitrobenzene-d5	8.86	82	2822	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	7667	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	1717	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	12126	0.39	ng	-0.01
25) Fluoranthene-d10	19.12	212	24532	0.39	ng	0.00
29) Terphenyl-d14	19.72	244	27172	0.53	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.13	178	11502	0.187	ng	99
26) Fluoranthene	19.15	202	36778	0.466	ng	99
28) Pyrene	19.52	202	28220	0.368	ng	96
30) Benzo(a)anthracene	21.27	228	10031	0.122	ng	95
31) Chrysene	21.32	228	20056	0.231	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	3217	0.098	ng	97
33) Indeno(1,2,3-cd)pyrene	25.81	276	14524	0.116	ng	97
35) Benzo(b)fluoranthene	22.86	252	30595	0.327	ng	# 96
36) Benzo(k)fluoranthene	22.90	252	9747m	0.106	ng	
37) Benzo(a)pyrene	23.44	252	13892	0.162	ng	# 92
39) Benzo(a,h,i)perylene	26.51	276	15186	0.150	ng	97

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

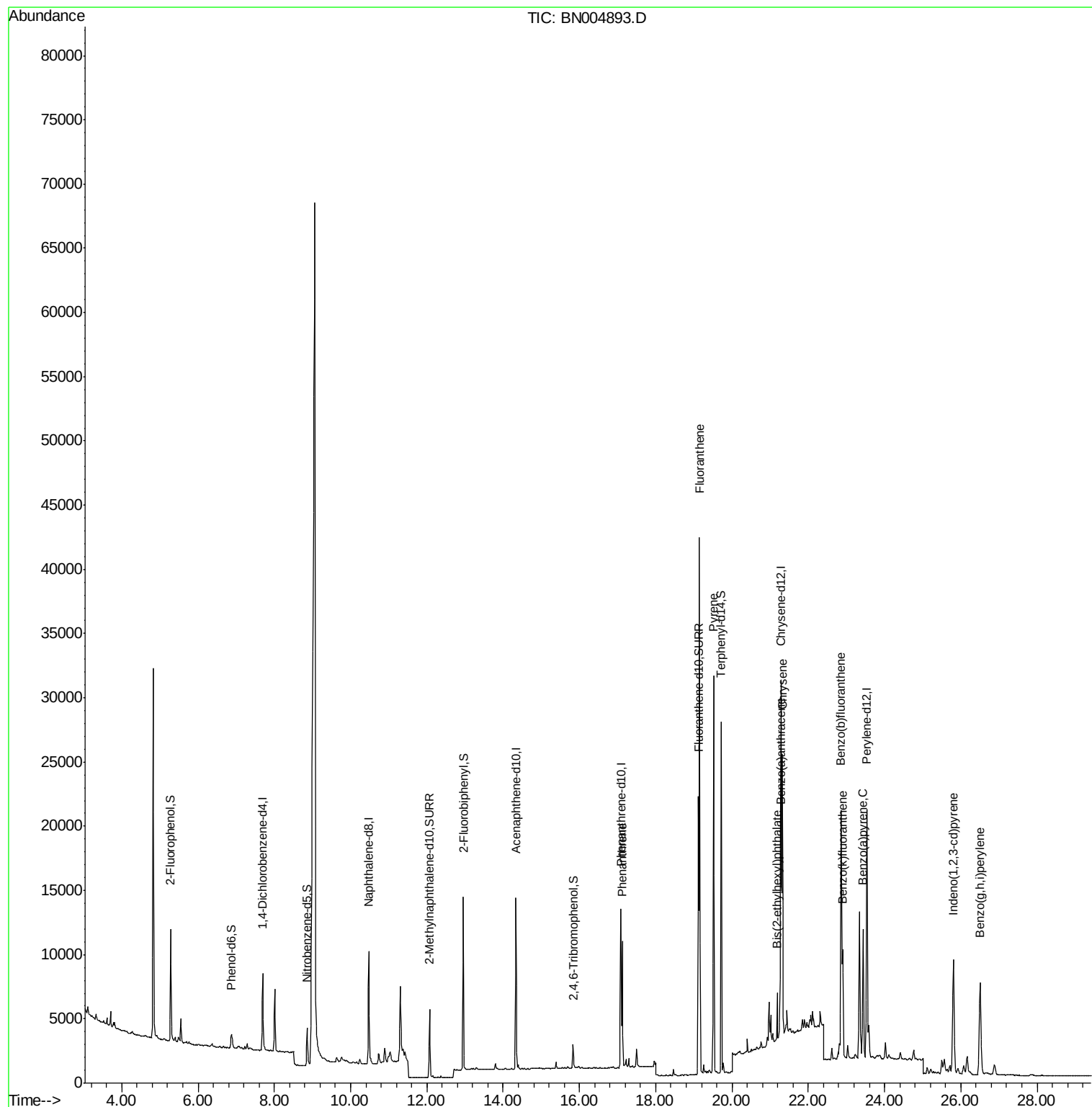
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\
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Sample : K1842-04
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ALS Vial : 5 Sample Multiplier: 1

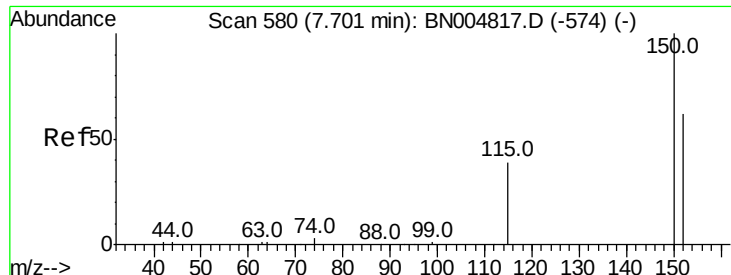
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
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QLast Update : Wed Mar 20 16:06:20 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.01 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

Instrument :

BNA_N

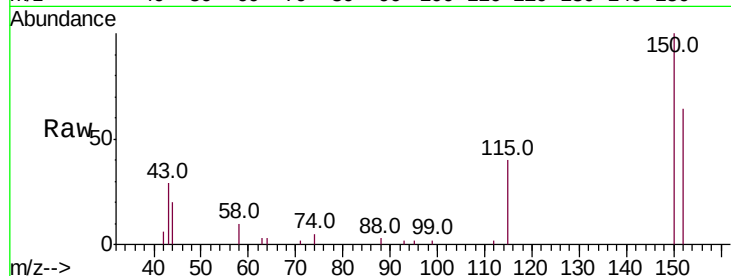
ClientSampleId :

C-MW-10_030719

Tot Ion:	152	Resp:	2996
Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.4
115	62.4	52.6	79.0

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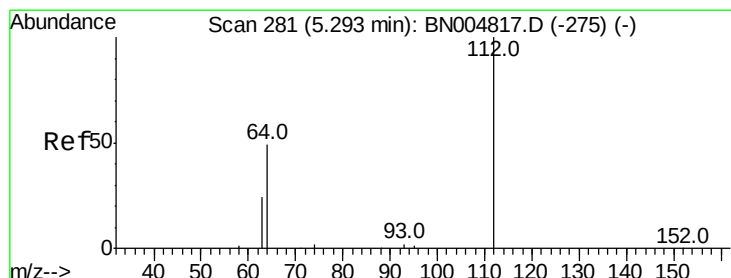
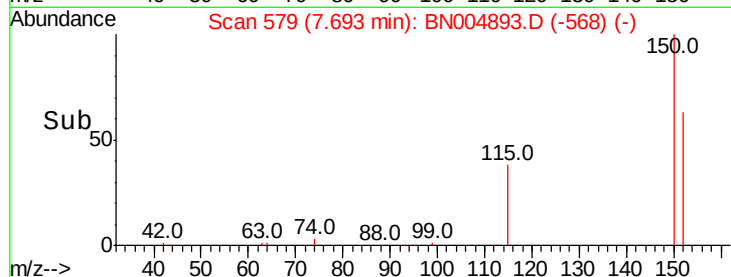
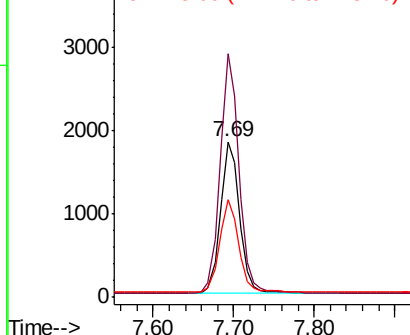


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.163 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

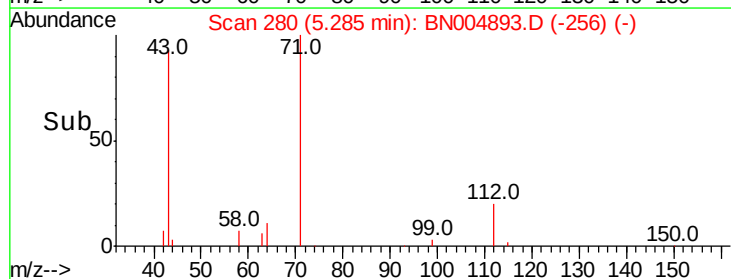
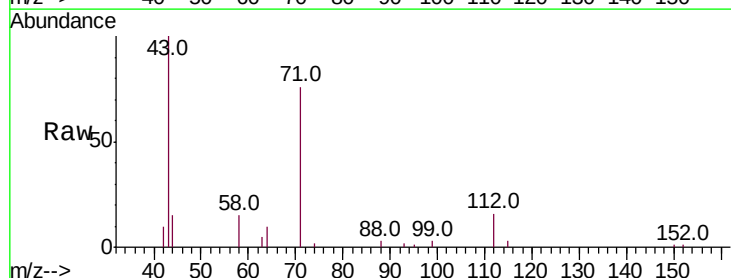
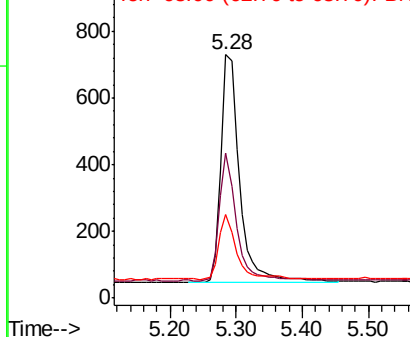
Tgt Ion:	112	Resp:	1327
Ion	Ratio	Lower	Upper
112	100		
64	51.8	40.0	60.0
63	27.7	20.2	30.2

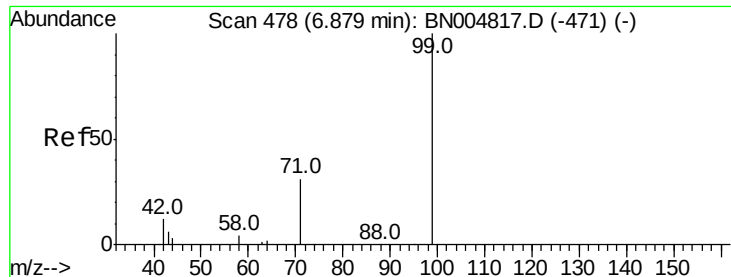
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.122 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

Instrument :

BNA_N

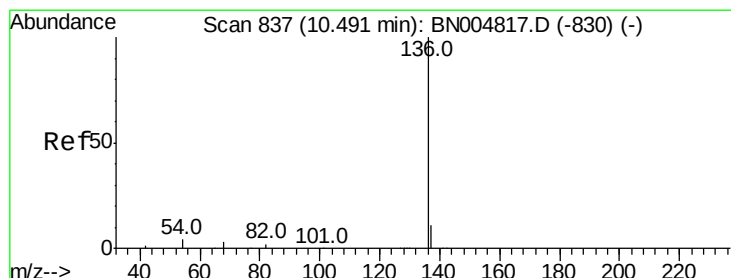
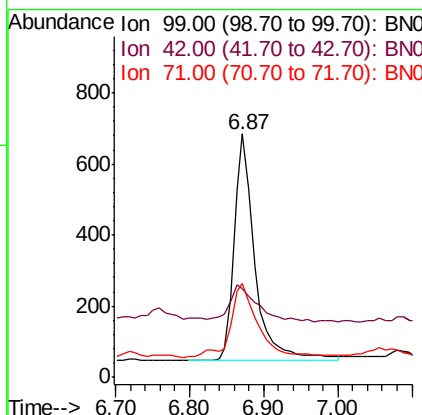
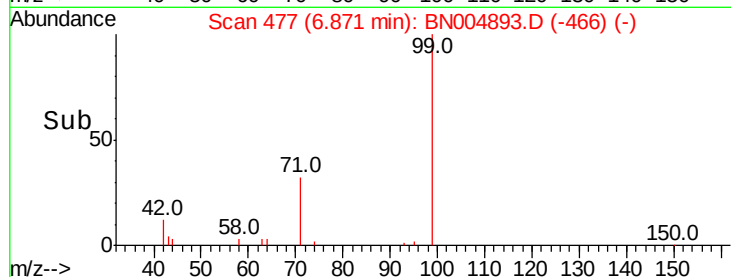
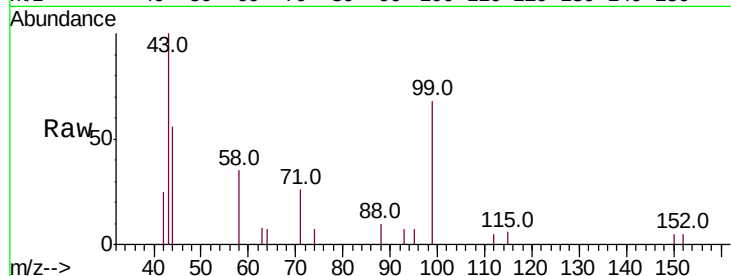
ClientSampleId :

C-MW-10_030719

Tot Ion:	99	Resp:	1237
Ion	Ratio	Lower	Upper
99	100		
42	22.6	12.7	19.1#
71	43.0	26.6	40.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

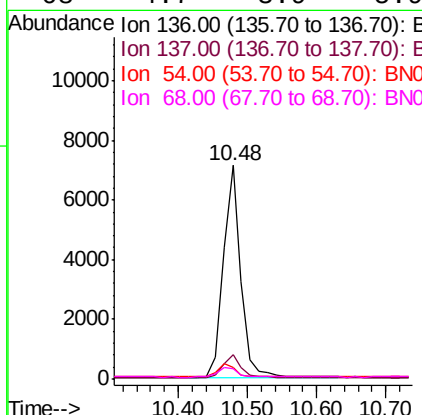
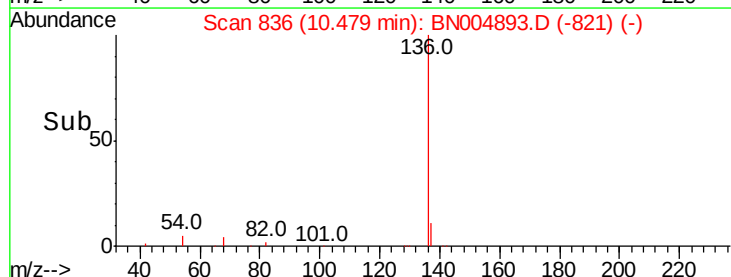
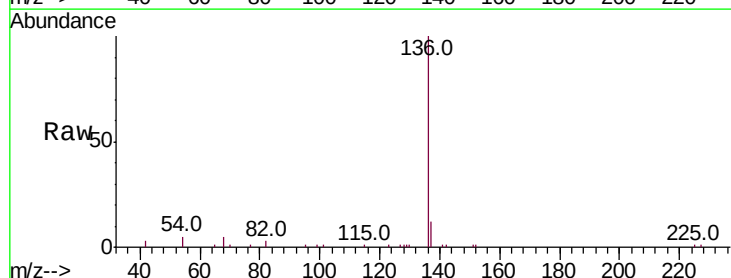
RT: 10.48 min Scan# 836

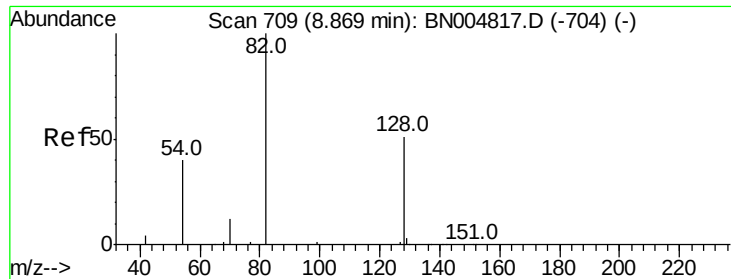
Delta R.T. -0.01 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

Tgt Ion:	136	Resp:	12695
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	5.4	4.2	6.2
68	4.7	3.9	5.9





#8

Nitrobenzene-d5

Concen: 0.336 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

Instrument :

BNA_N

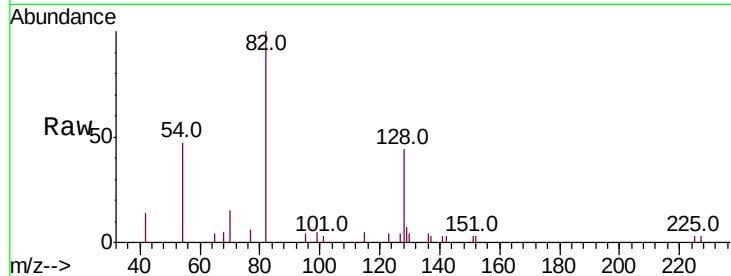
ClientSampled :

C-MW-10_030719

Tot Ion:	82	Resp:	2822
Ion Ratio	Lower	Upper	
82	100		
128	44.0	43.0	64.6
54	47.4	35.3	52.9

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Abundance Ion 82.00 (81.70 to 82.70): BN004817.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN004817.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN004817.D (-704) (-)

8.86

1500

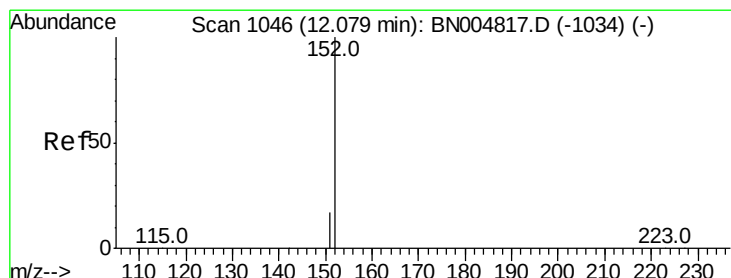
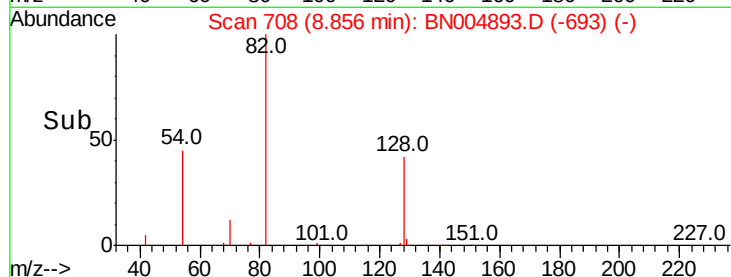
1000

500

0

8.80 8.90 9.00

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.346 ng

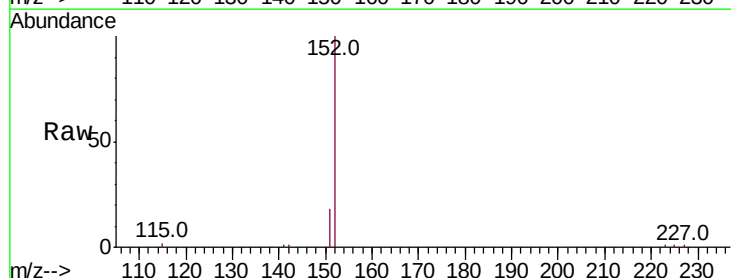
RT: 12.07 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

Tgt Ion:	152	Resp:	7667
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.5	23.3



Abundance Ion 152.00 (151.70 to 152.70): BN004817.D (-1034) (-)

Ion 151.00 (150.70 to 151.70): BN004817.D (-1034) (-)

12.07

5000

4000

3000

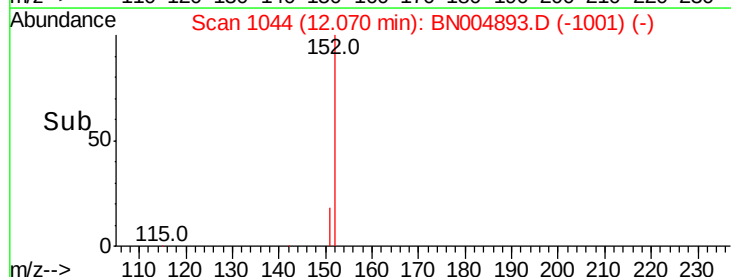
2000

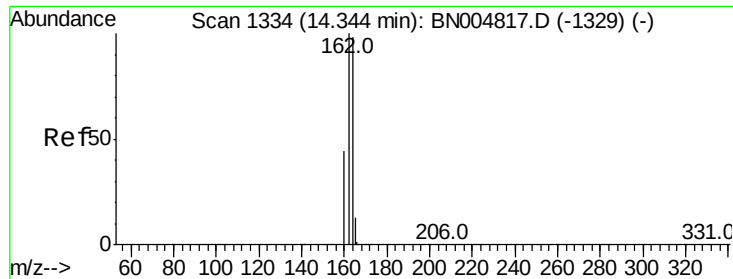
1000

0

12.00 12.10 12.20 12.30

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

Instrument :

BNA_N

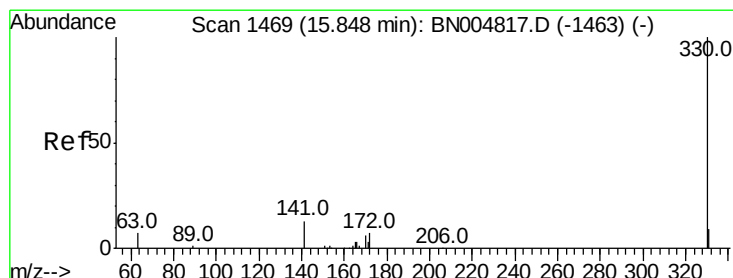
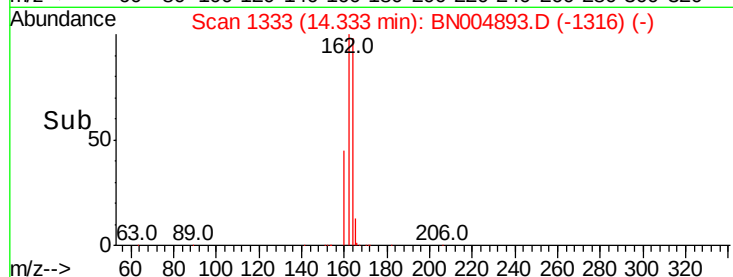
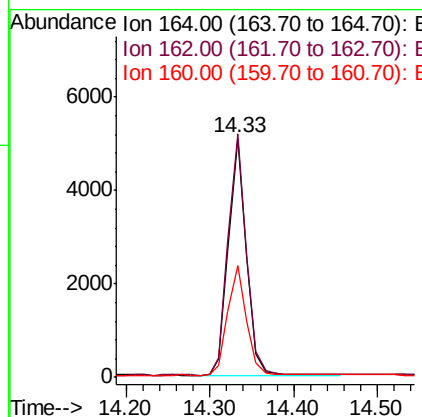
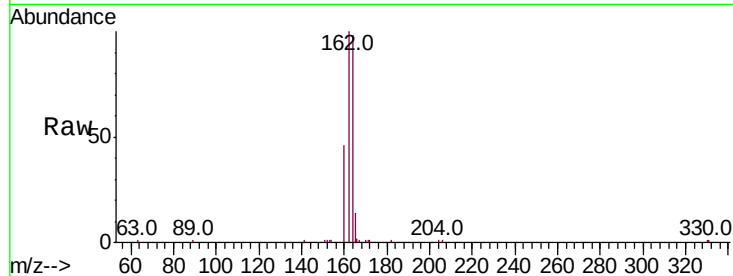
ClientSampleId :

C-MW-10_030719

Tot Ion:	164	Resp:	7456
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.9	122.9
160	46.8	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.333 ng

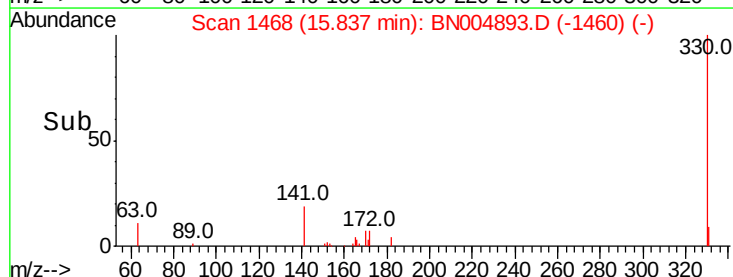
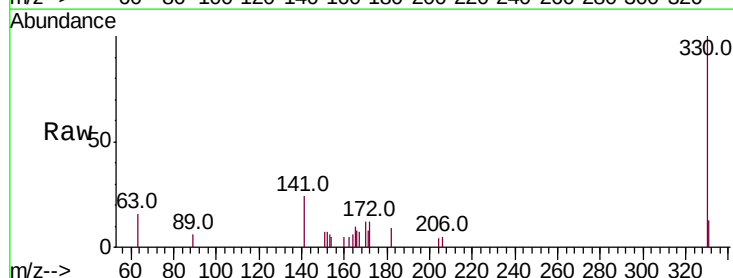
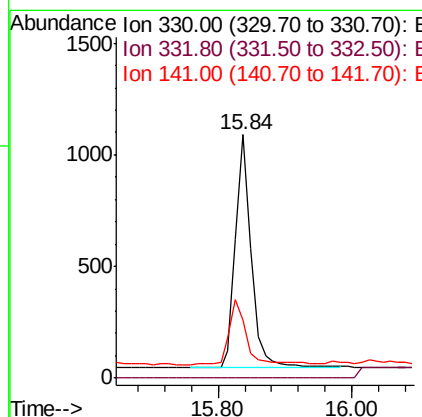
RT: 15.84 min Scan# 1468

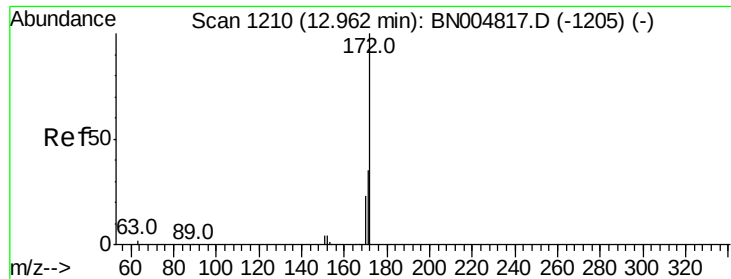
Delta R.T. -0.01 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

Tgt Ion:	330	Resp:	1717
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	29.2	20.9	31.3





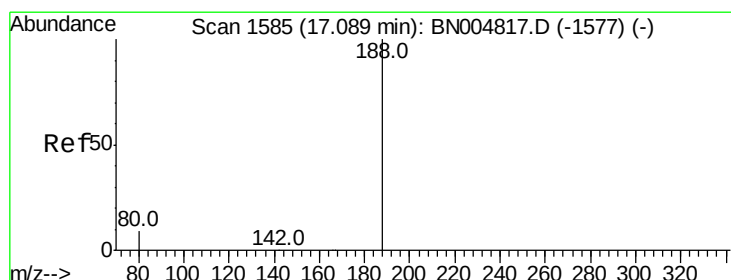
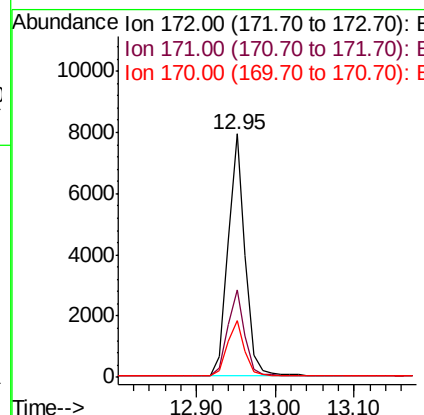
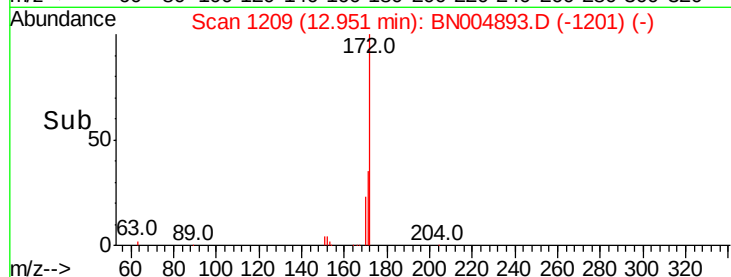
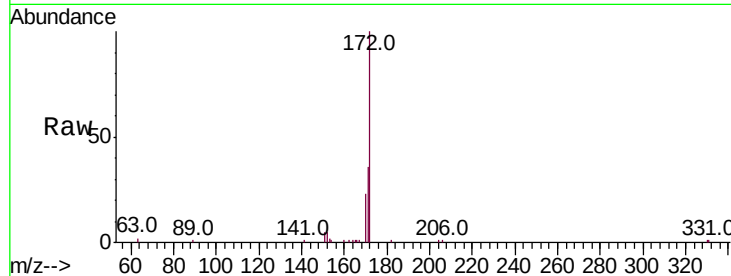
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004893.D
Acq: 22 Mar 2019 20:48

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Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.7	43.1
170	23.0	18.7	28.1

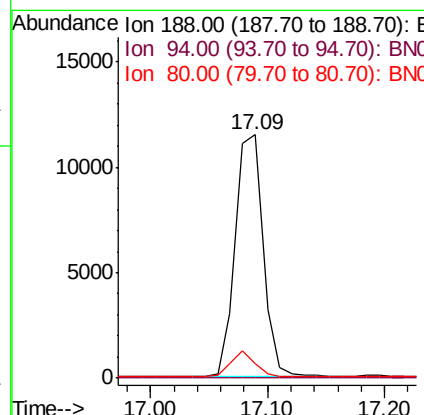
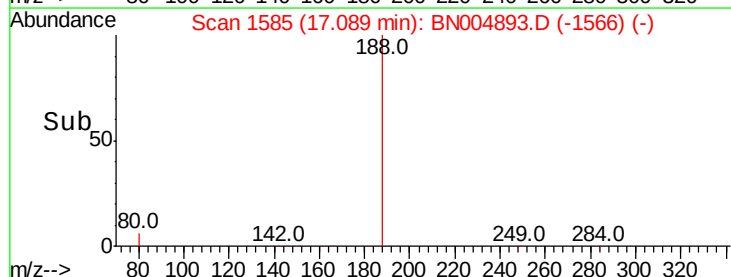
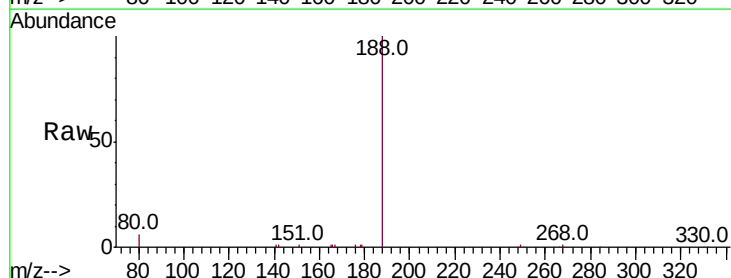
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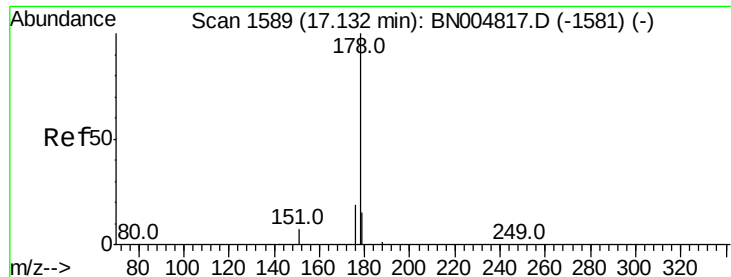
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BN004893.D
Acq: 22 Mar 2019 20:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	7.4	11.2#





#23

Phenanthrene

Concen: 0.187 ng

RT: 17.13 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

Instrument :

BNA_N

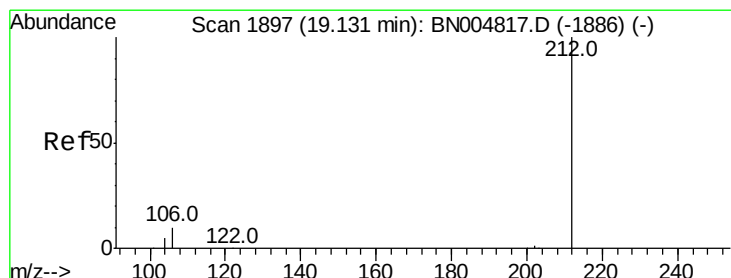
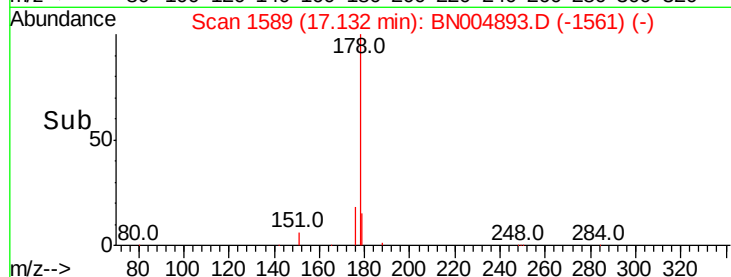
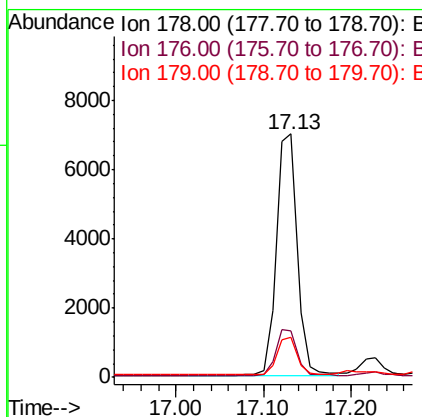
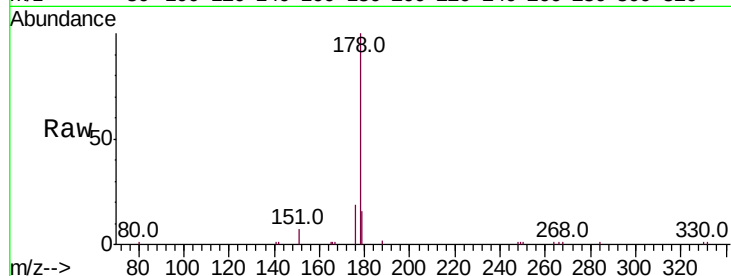
ClientSampleId :

C-MW-10_030719

Tot Ion:	178	Resp:	11502
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.9	22.3
179	15.8	12.1	18.1

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#25

Fluoranthene-d10

Concen: 0.385 ng

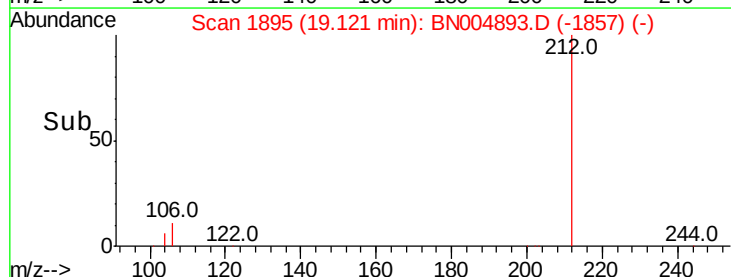
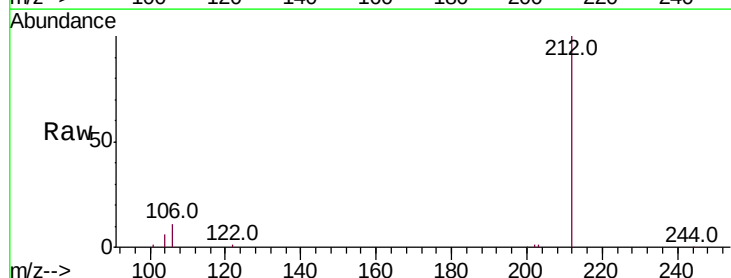
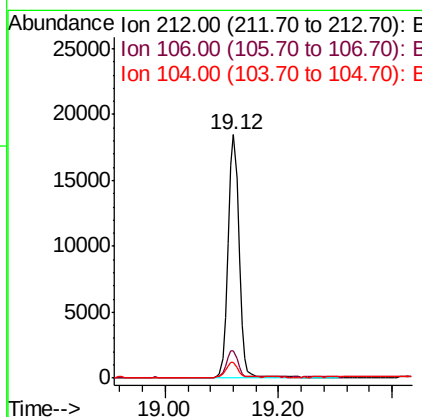
RT: 19.12 min Scan# 1895

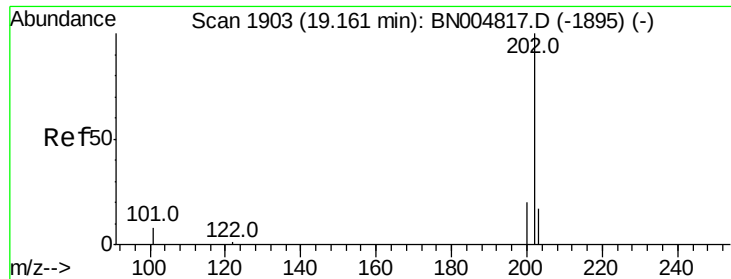
Delta R.T. -0.01 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

Tgt Ion:	212	Resp:	24532
Ion Ratio	Lower	Upper	
212	100		
106	11.5	8.6	13.0
104	6.4	4.7	7.1





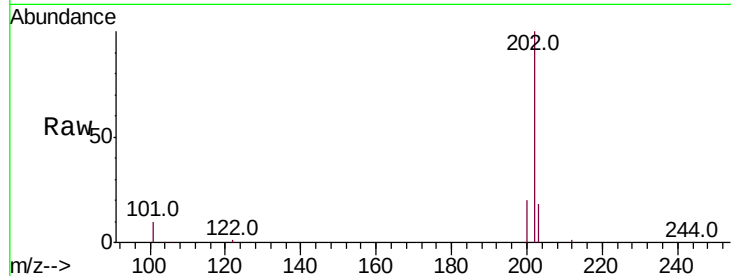
#26
Fluoranthene
 Concen: 0.466 ng
 RT: 19.15 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BN004893.D
 Acq: 22 Mar 2019 20:48

Instrument :
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 ClientSampleId :
 C-MW-10_030719

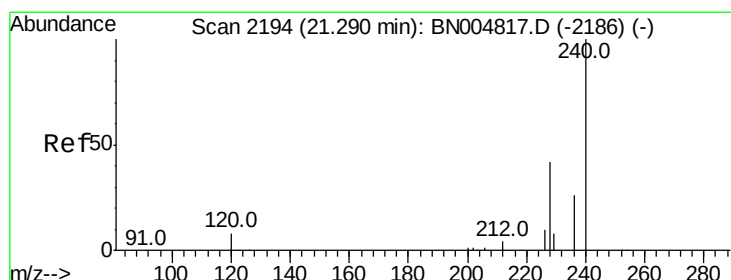
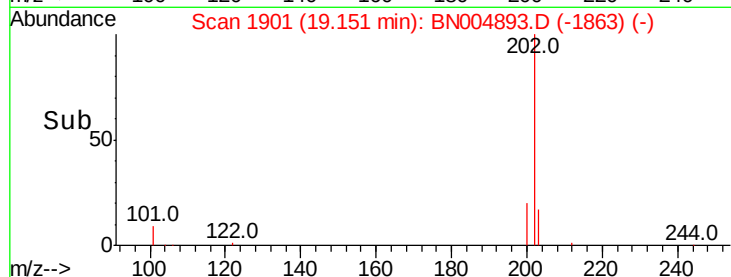
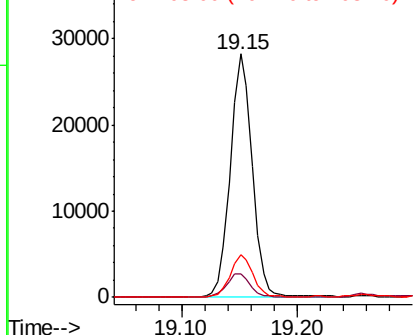
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.5	11.3
203	17.2	13.8	20.6

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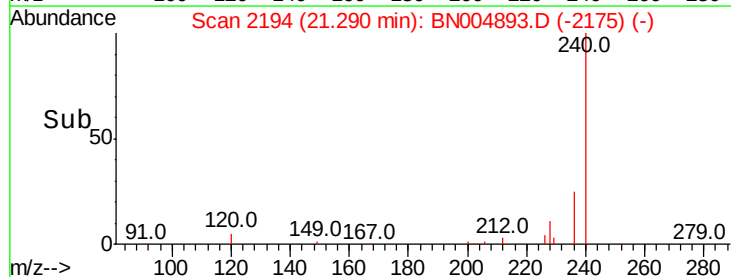
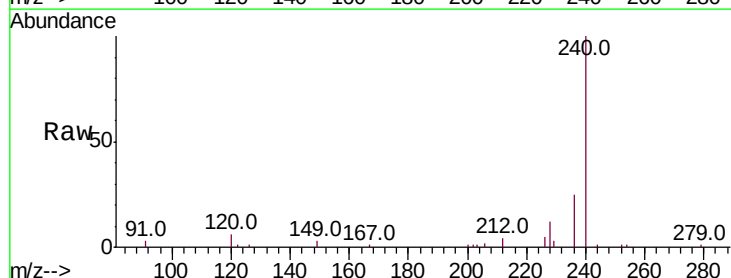
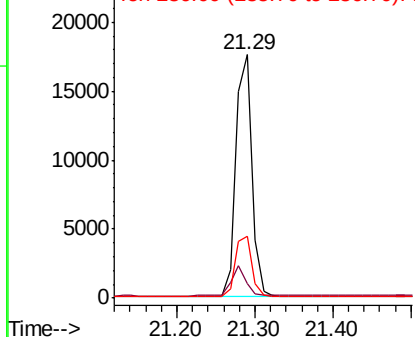
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

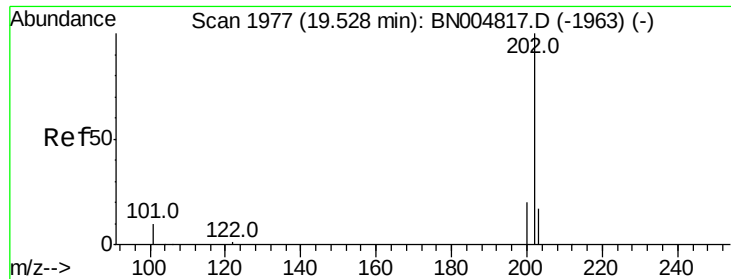


#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BN004893.D
 Acq: 22 Mar 2019 20:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	7.2	10.8#
236	25.4	20.9	31.3

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





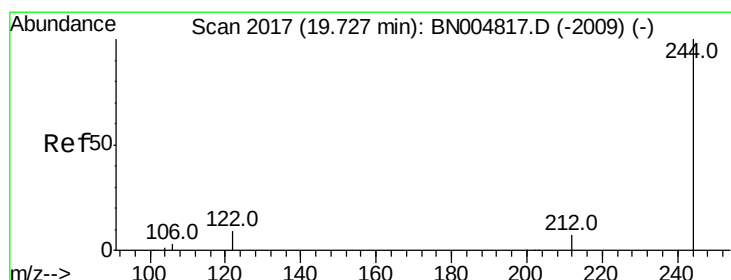
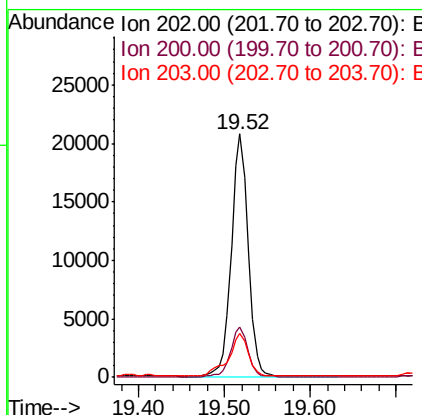
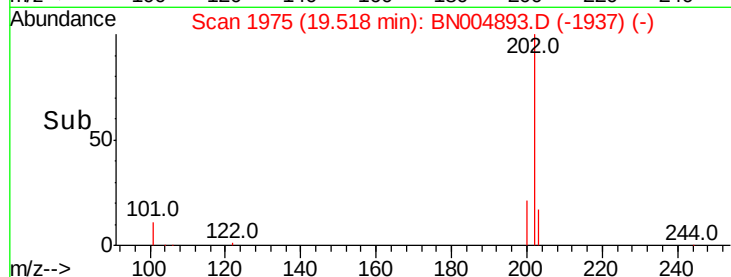
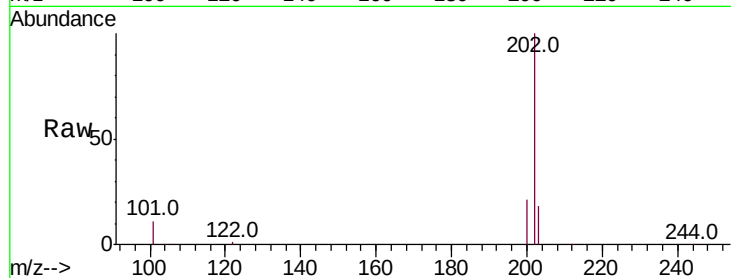
#28
Pvrene
Concen: 0.368 ng
RT: 19.52 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN004893.D
Acq: 22 Mar 2019 20:48

Instrument :
BNA_N
ClientSampleId :
C-MW-10_030719

Tot Ion	Ratio	Resp	Lower	Upper
202	100	28220		
200	20.7		16.3	24.5
203	20.7		14.0	21.0

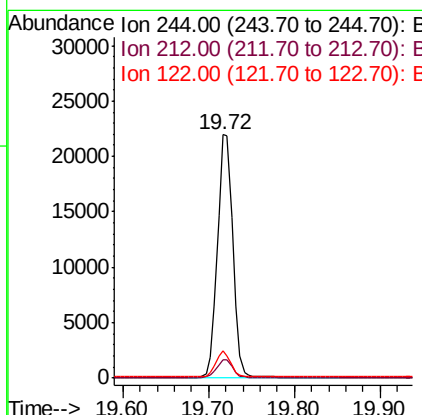
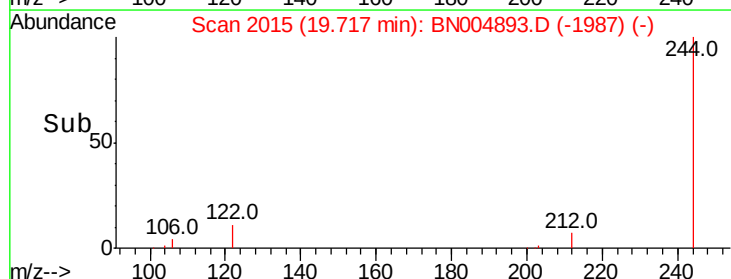
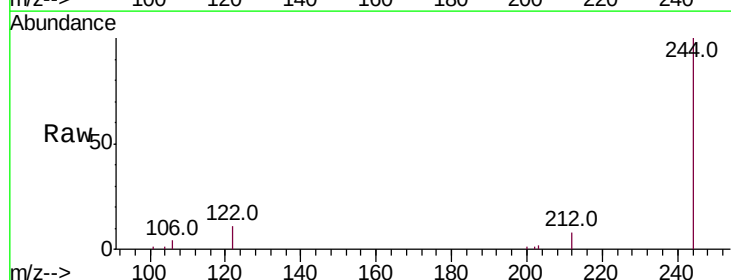
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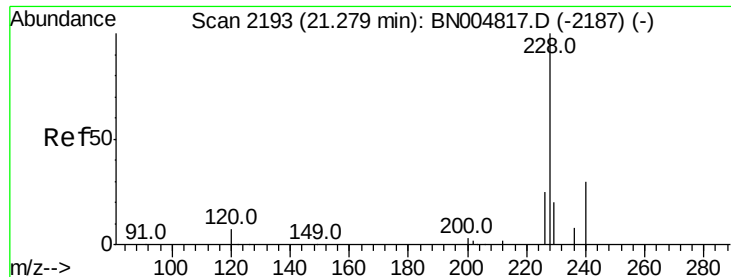
Sohil
3/25/2019 8:57:29 AM



#29
Terphenyl-d14
Concen: 0.528 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004893.D
Acq: 22 Mar 2019 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	27172		
212	7.8		5.8	8.6
122	11.1		7.9	11.9





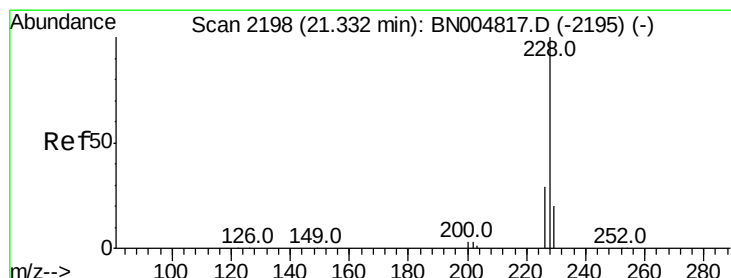
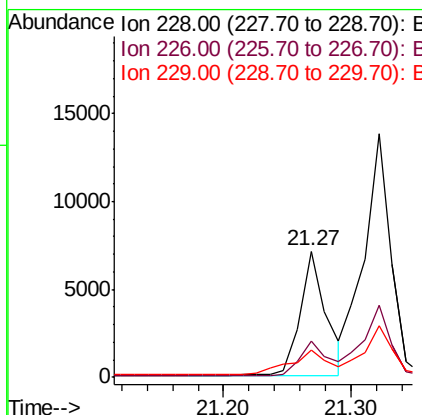
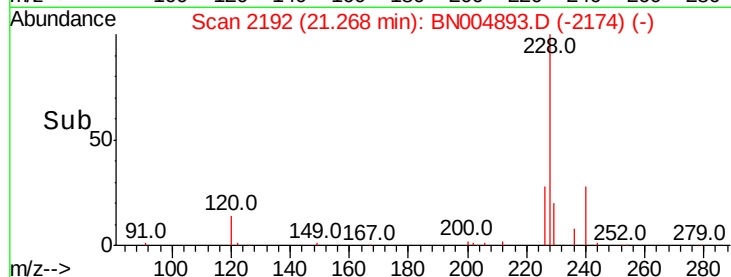
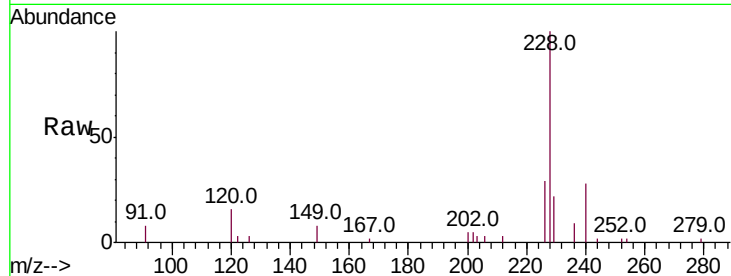
#30
Benzo(a)anthracene
Concen: 0.122 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004893.D
Acq: 22 Mar 2019 20:48

Instrument :
BNA_N
ClientSampleId :
C-MW-10_030719

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	20.6	31.0
229	21.9	16.2	24.4

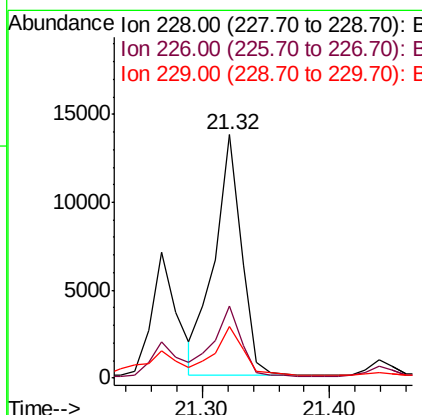
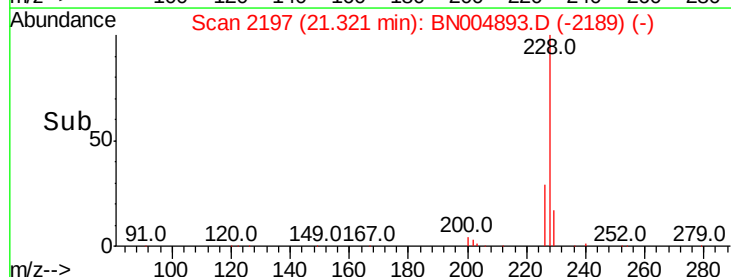
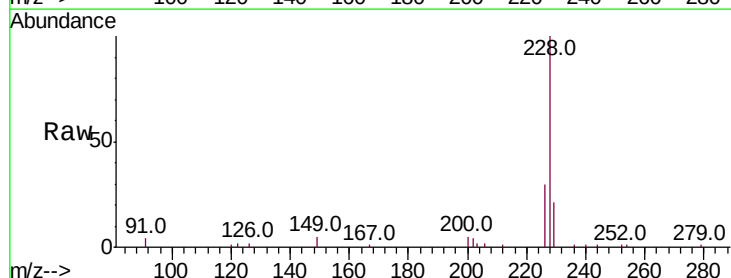
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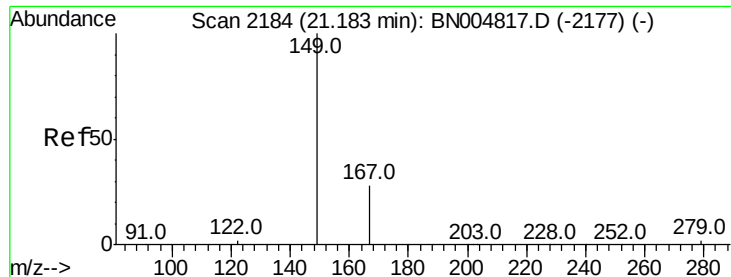
Sohil
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#31
Chrysene
Concen: 0.231 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004893.D
Acq: 22 Mar 2019 20:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.6
229	21.2	16.2	24.2





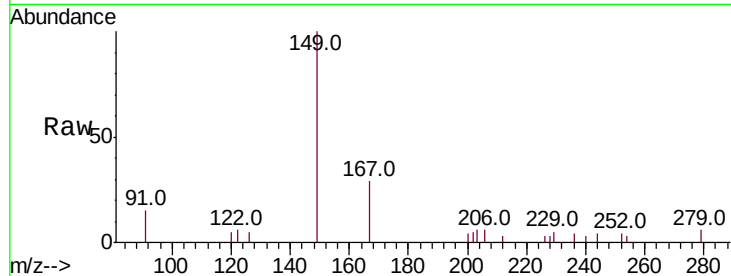
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.18 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BN004893.D
 Acq: 22 Mar 2019 20:48

Instrument :
 BNA_N
 ClientSampleId :
 C-MW-10_030719

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	23.0	34.4
279	5.7	4.6	6.8

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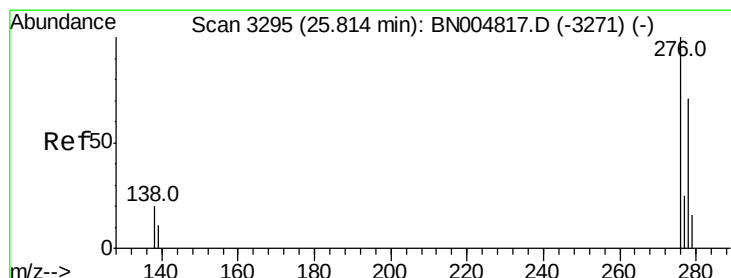
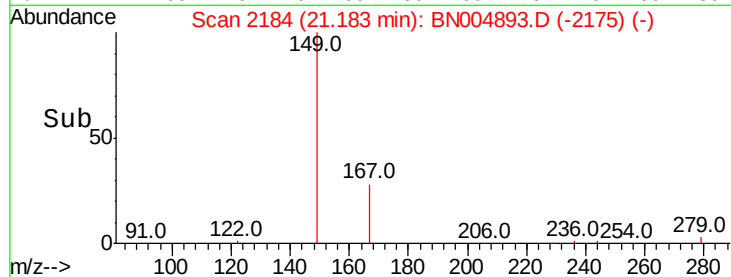
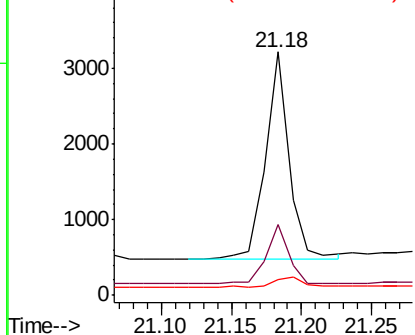


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.116 ng
 RT: 25.81 min Scan# 3293
 Delta R.T. -0.01 min
 Lab File: BN004893.D
 Acq: 22 Mar 2019 20:48

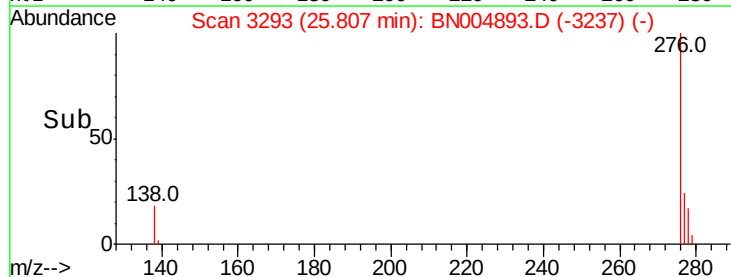
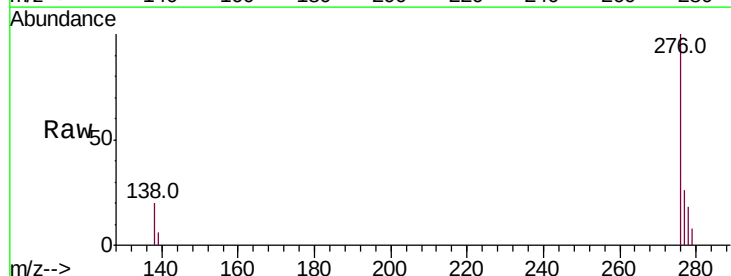
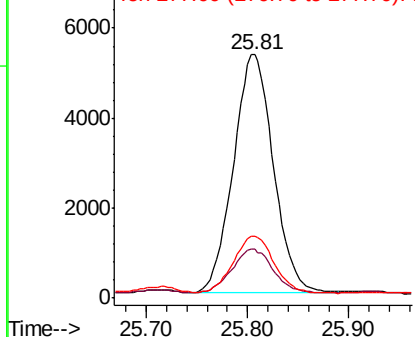
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.6	24.8
277	24.4	20.3	30.5

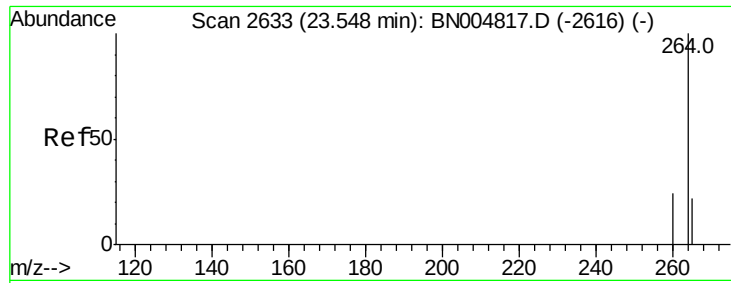
Abundance

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





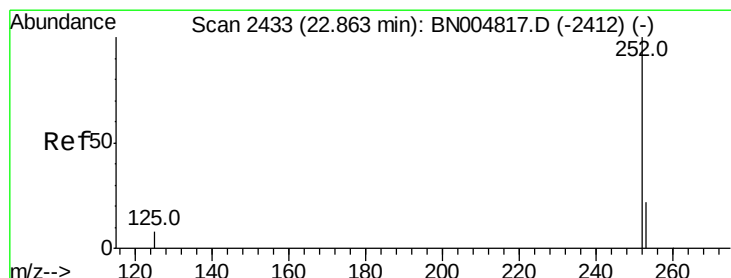
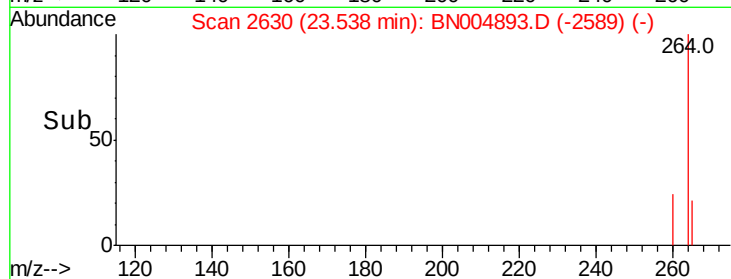
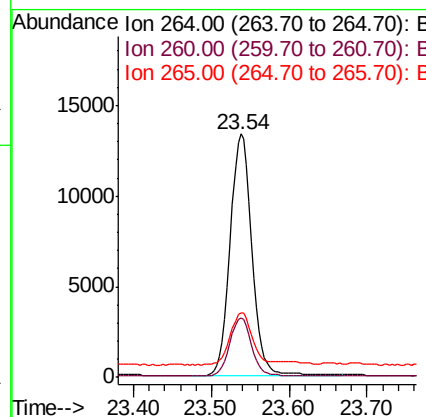
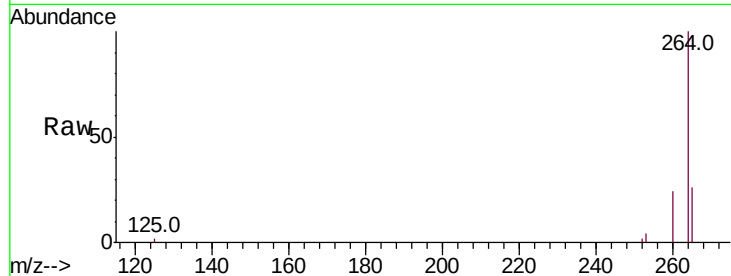
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN004893.D
Acq: 22 Mar 2019 20:48

Instrument :
BNA_N
ClientSampleId :
C-MW-10_030719

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	26.4	23.1	34.7

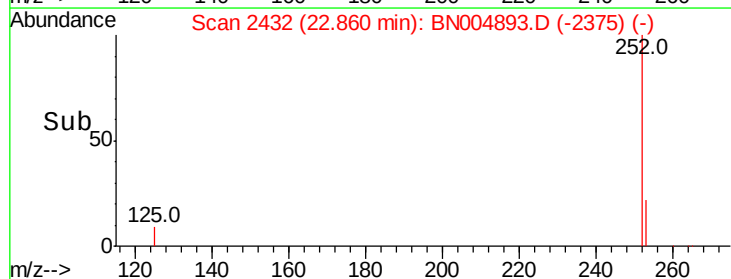
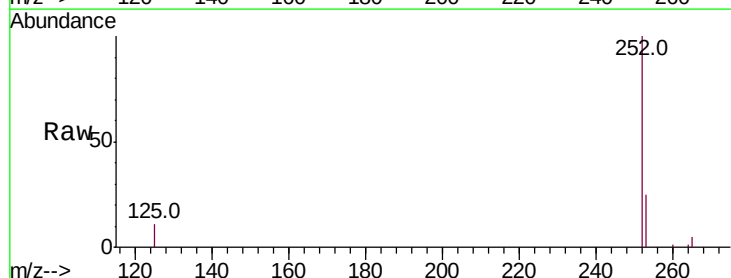
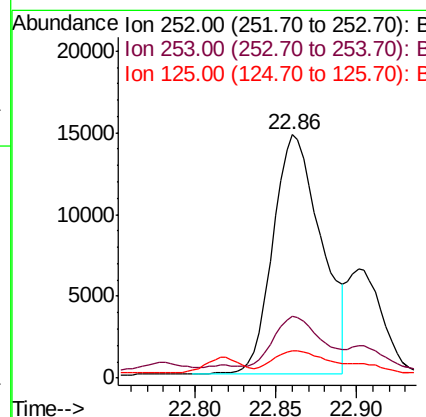
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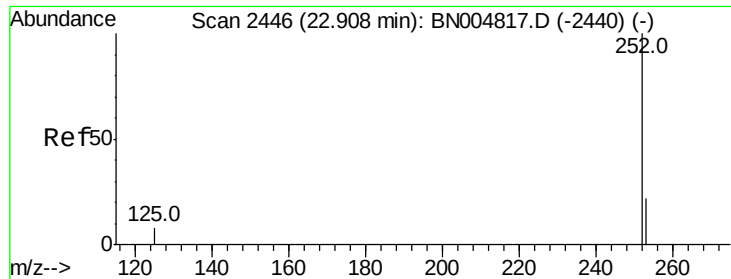
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#35
Benzo(b)fluoranthene
Concen: 0.327 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BN004893.D
Acq: 22 Mar 2019 20:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.0	28.4
125	11.4	7.4	11.2





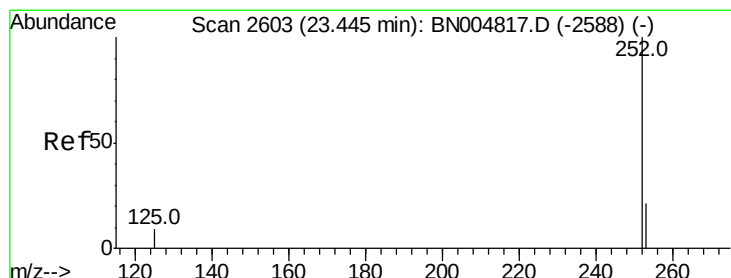
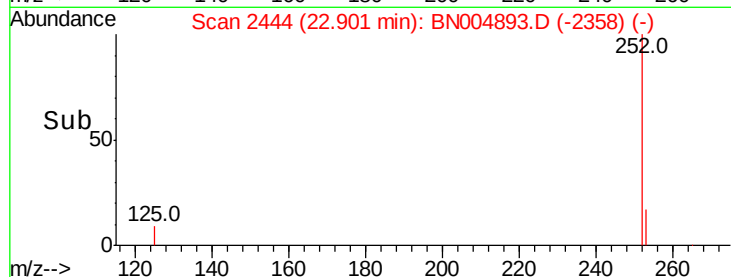
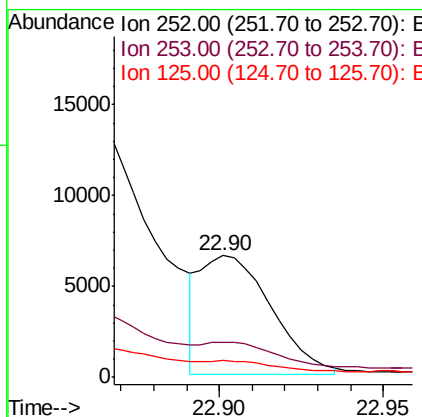
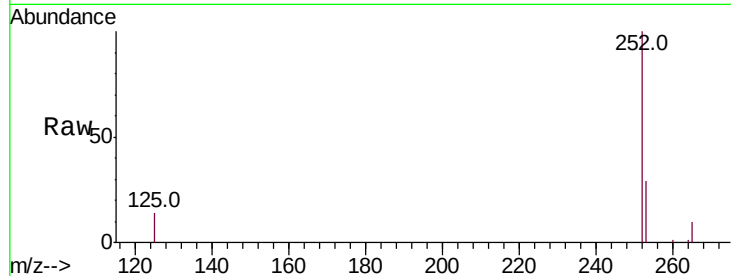
#36
Benzo(k)fluoranthene
Concen: 0.106 ng m
RT: 22.90 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BN004893.D
Acq: 22 Mar 2019 20:48

Instrument :
BNA_N
ClientSampleId :
C-MW-10_030719

Tot Ion:252 Resp: 9747
Ion Ratio Lower Upper
252 100
253 29.2 19.3 28.9#
125 13.8 7.4 11.0#

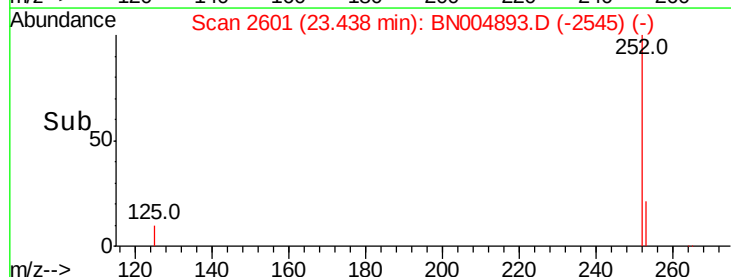
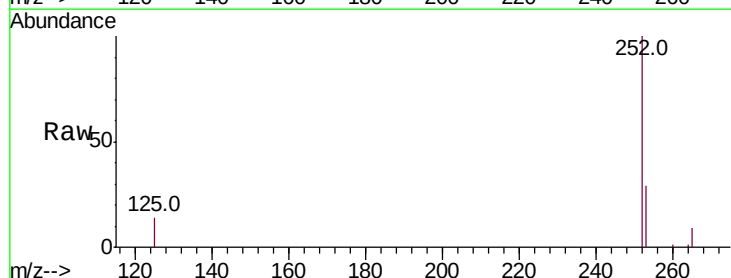
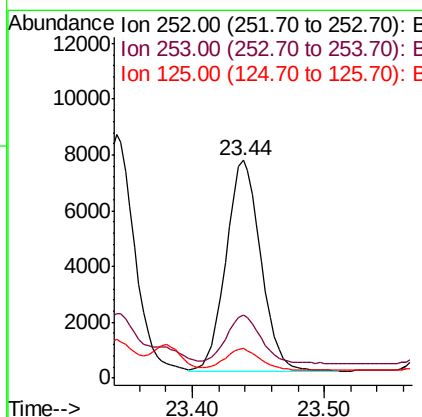
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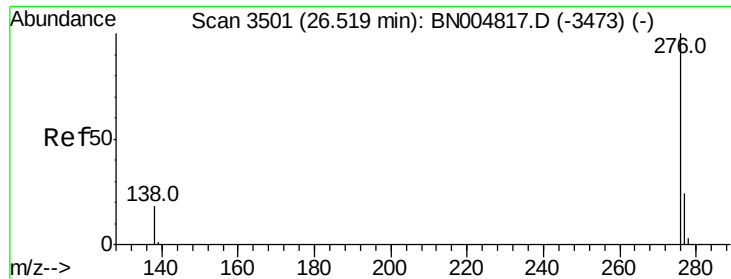
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#37
Benzo(a)pyrene
Concen: 0.162 ng
RT: 23.44 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BN004893.D
Acq: 22 Mar 2019 20:48

Tgt Ion:252 Resp: 13892
Ion Ratio Lower Upper
252 100
253 28.7 19.7 29.5
125 13.6 8.3 12.5#





#39

Benzo(a,h,i)perylene

Concen: 0.150 ng

RT: 26.51 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BN004893.D

Acq: 22 Mar 2019 20:48

Instrument :

BNA_N

ClientSampleId :

C-MW-10_030719

Tot Ion:	276	Resp:	15186
Ion Ratio	Lower	Upper	
276	100		
277	25.5	19.7	29.5
138	20.4	14.6	22.0

Manual Integrations
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3/25/2019 8:57:29 AM

