

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
 Data File : BN006895.D
 Acq On : 18 Jul 2019 17:17
 Operator : HP/JU
 Sample : K3822-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF489

Manual Integrations
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 7/19/2019 3:59:34 PM

Quant Time: Jul 19 03:51:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 06:39:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3667	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	13828	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	13383	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	15445m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	13064m	0.40	ng/ul	-0.02
20) Perylene-d12	23.45	264	19559	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	5192	0.24	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	12668m	0.28	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	23229289	585.123	ng/ul	97
5) 2-Methylnaphthalene	12.04	142	6906641	257.471	ng/ul	98
7) Acenaphthylene	13.95	152	306057	4.431	ng/ul	98
8) Acenaphthene	14.30	153	3098310	58.194	ng/ul	99
9) Fluorene	15.29	166	2048795	35.114	ng/ul	99
11) Pentachlorophenol	16.66	266	509m	0.221	ng/ul	
12) Phenanthrene	17.04	178	2641143m	53.159	ng/ul	
13) Anthracene	17.12	178	202562m	4.718	ng/ul	
15) Fluoranthene	19.07	202	741941m	12.078	ng/ul	
17) Pyrene	19.43	202	448946	7.520	ng/ul	96
18) Benzo(a)anthracene	21.20	228	53598	0.999	ng/ul	97
19) Chrysene	21.26	228	20519m	0.343	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	30448m	0.380	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	8979m	0.107	ng/ul	
23) Benzo(a)pyrene	23.34	252	17615	0.224	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.67	276	5480	0.069	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.67	278	1451	0.023	ng/ul#	1
26) Benzo(g,h,i)perylene	26.36	276	4323	0.065	ng/ul#	92

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

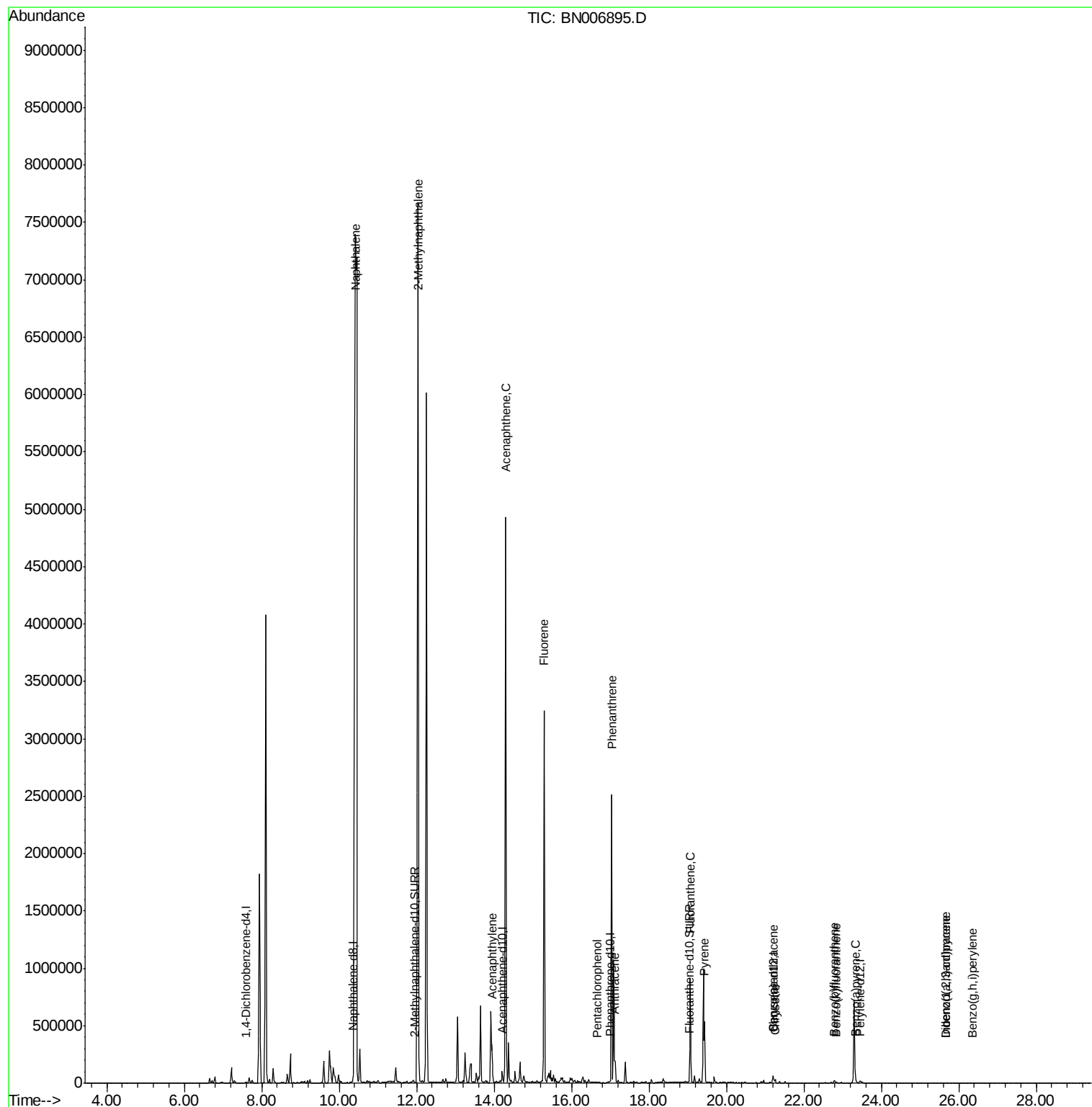
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071819\
Data File : BN006895.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

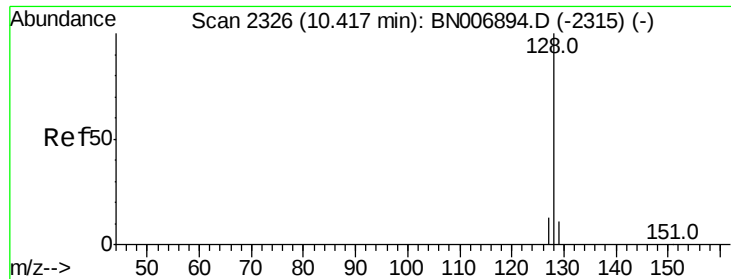
Instrument :
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#3

Naphthalene

Concen: 585.123 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. 0.01 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

ClientSampleId :

BF489

Tot Ion:128 Resp:23229289

Ion Ratio Lower Upper

128 100

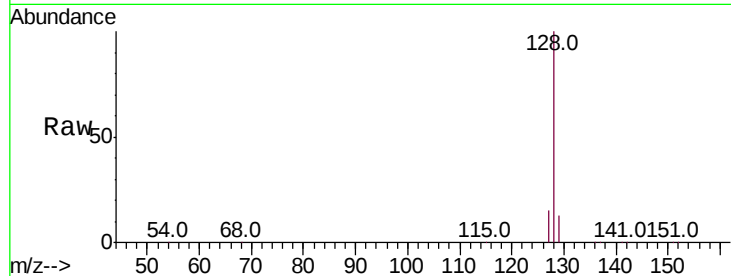
129 13.0 9.4 14.0

127 14.7 10.6 16.0

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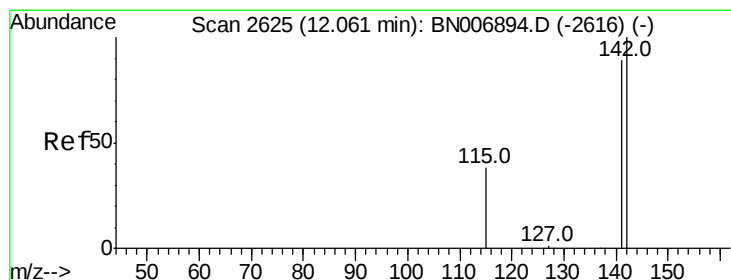
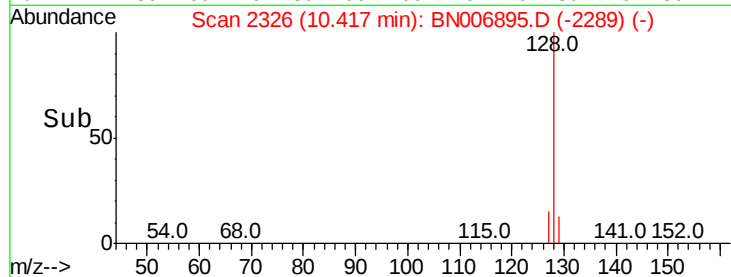
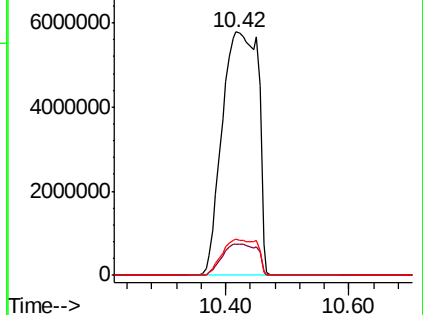
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 257.471 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN006895.D

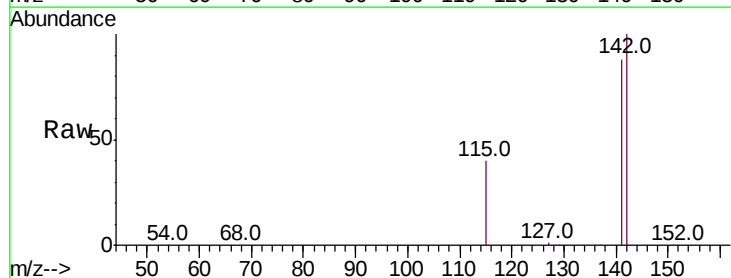
Acq: 18 Jul 2019 17:17

Tgt Ion:142 Resp: 6906641

Ion Ratio Lower Upper

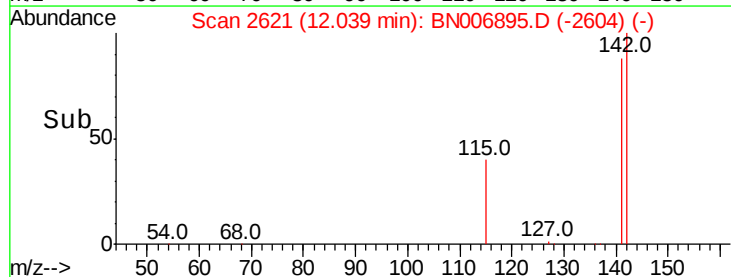
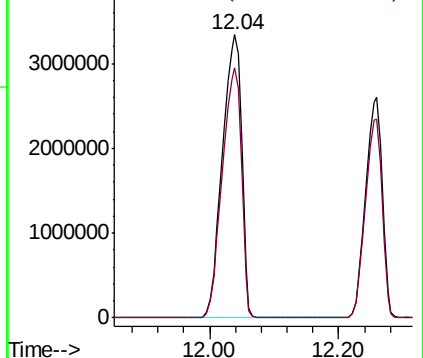
142 100

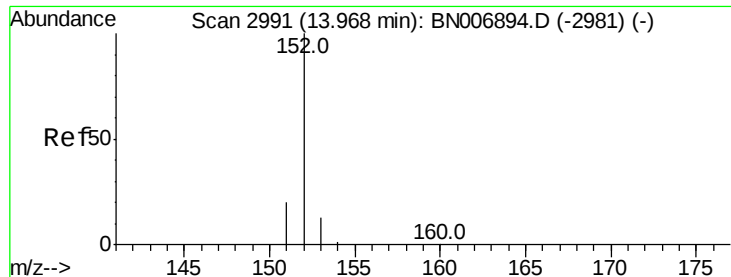
141 87.9 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 4.431 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.02 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

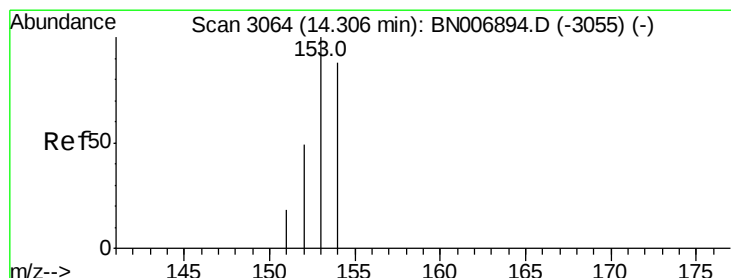
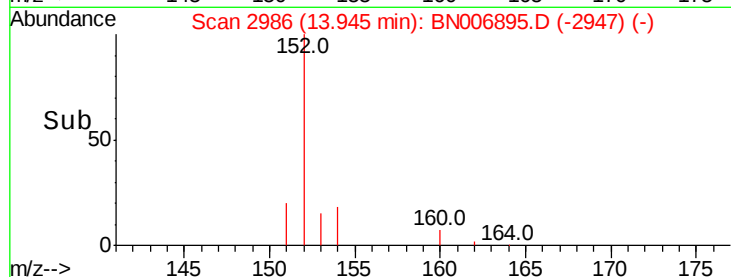
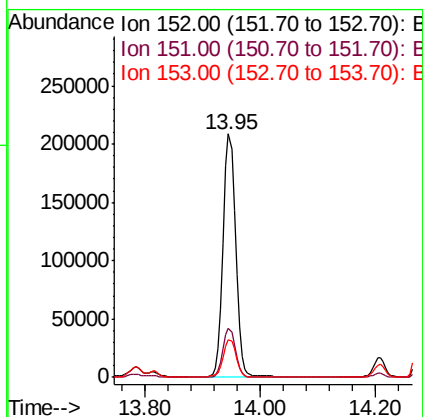
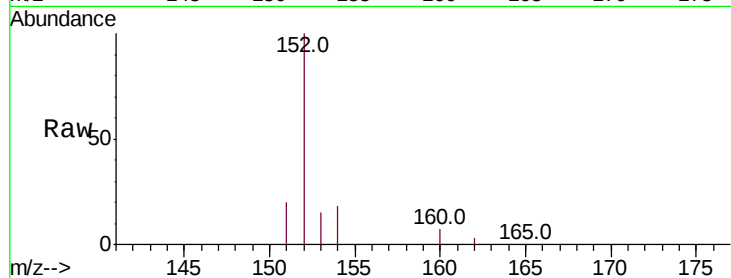
ClientSampled :

BF489

Tot Ion:	152	Resp:	306057
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	15.4	11.2	16.8

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#8

Acenaphthene

Concen: 58.194 ng/ul

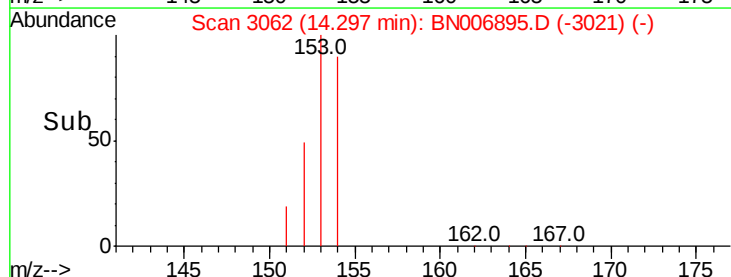
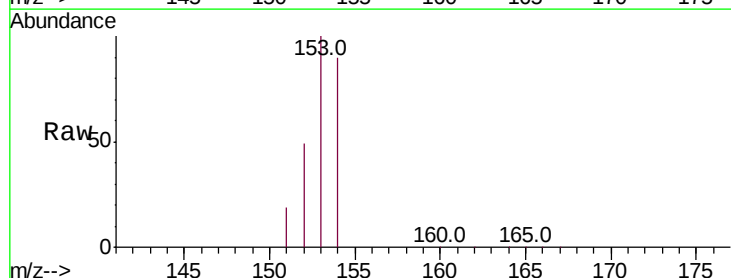
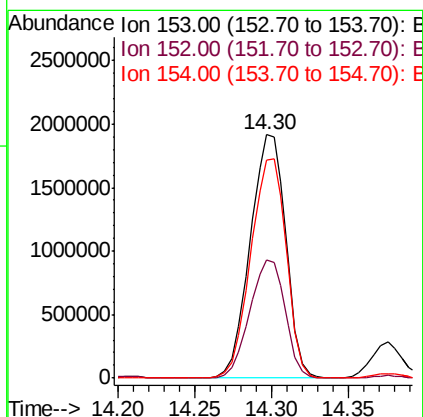
RT: 14.30 min Scan# 3062

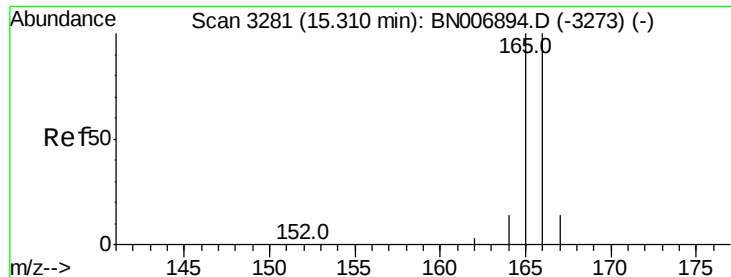
Delta R.T. -0.01 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Tgt Ion:	153	Resp:	3098310
Ion Ratio	Lower	Upper	
153	100		
152	48.6	39.3	58.9
154	89.7	70.6	105.8





#9

Fluorene

Concen: 35.114 ng/ul

RT: 15.29 min Scan# 3277

Delta R.T. -0.02 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

ClientSampleId :

BF489

Tot Ion:166 Resp: 2048795

Ion Ratio Lower Upper

166 100

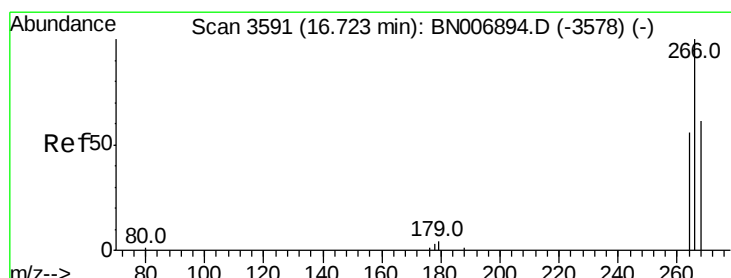
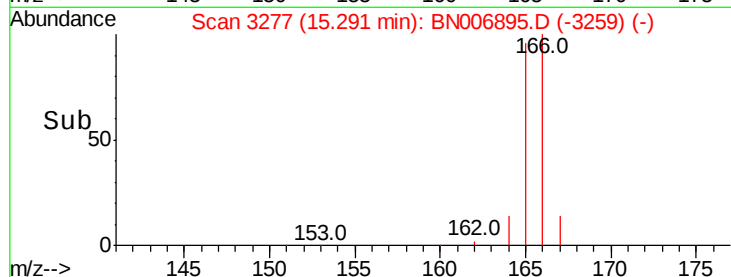
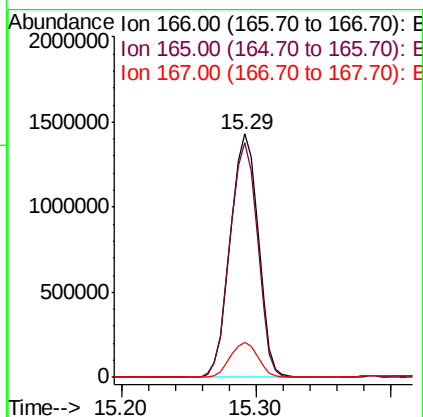
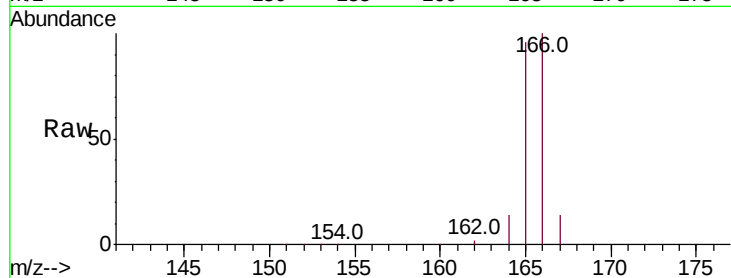
165 96.3 78.2 117.4

167 14.4 11.3 16.9

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#11

Pentachlorophenol

Concen: 0.221 ng/ul m

RT: 16.66 min Scan# 3577

Delta R.T. -0.06 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

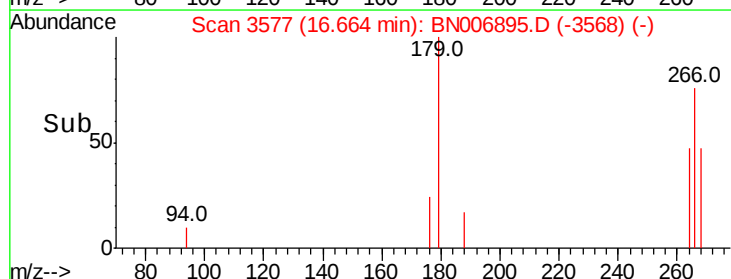
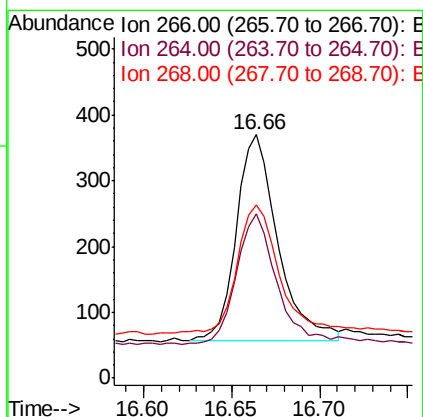
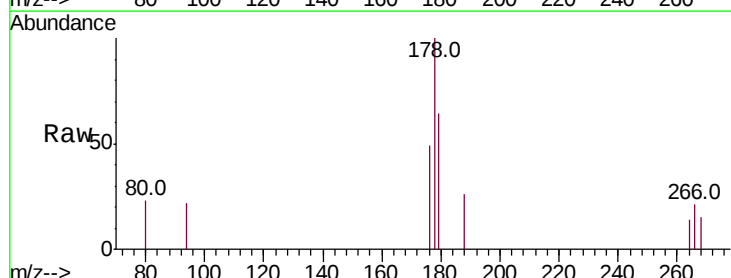
Tgt Ion:266 Resp: 509

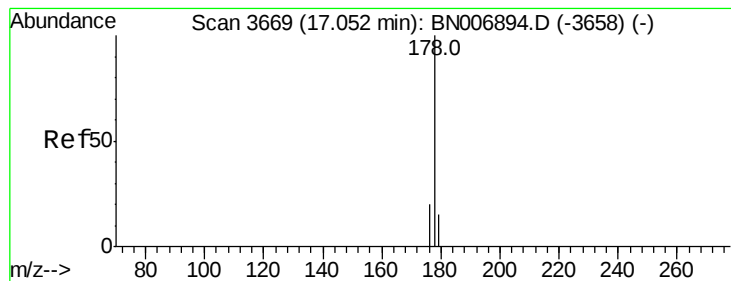
Ion Ratio Lower Upper

266 100

264 0.0 45.9 68.9#

268 0.0 48.1 72.1#





#12

Phenanthrene

Concen: 53.159 ng/ul m

RT: 17.04 min Scan# 3665

Delta R.T. -0.02 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

ClientSampleId :

BF489

Tot Ion:178 Resp: 2641143

Ion Ratio Lower Upper

178 100

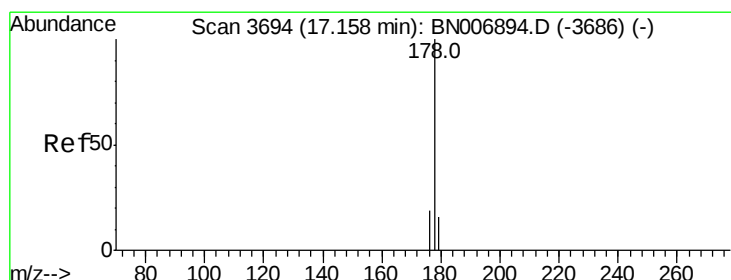
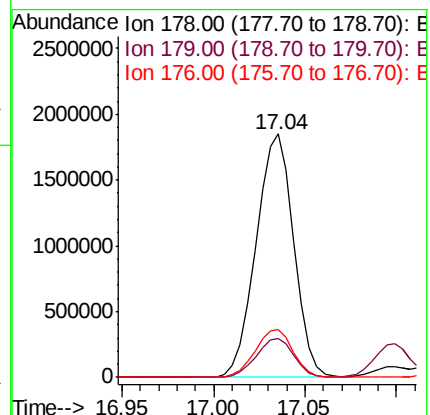
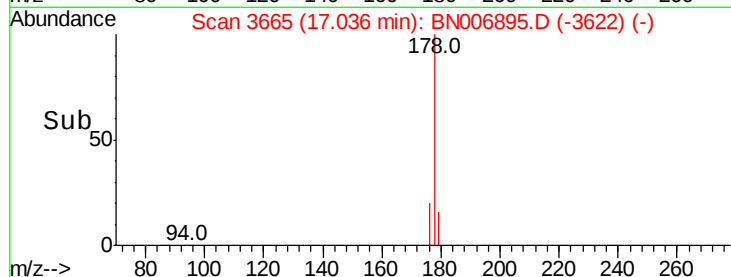
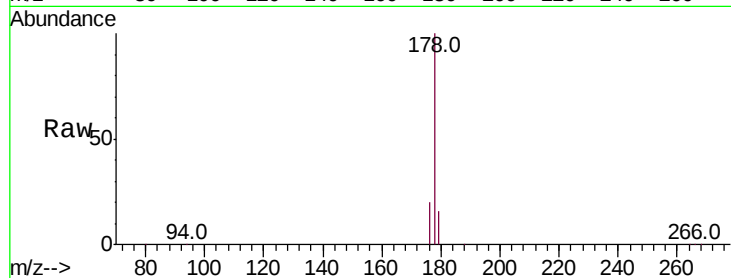
179 16.0 12.6 19.0

176 19.8 15.8 23.8

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#13

Anthracene

Concen: 4.718 ng/ul m

RT: 17.12 min Scan# 3686

Delta R.T. -0.03 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

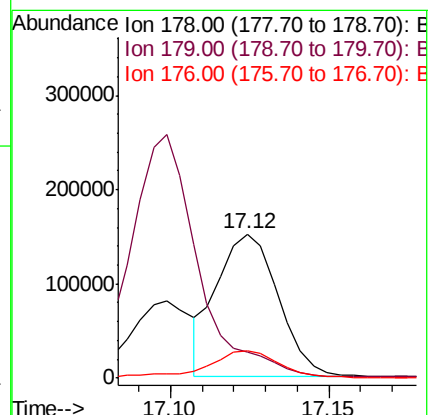
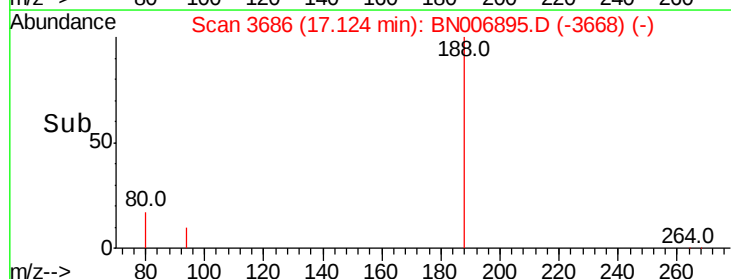
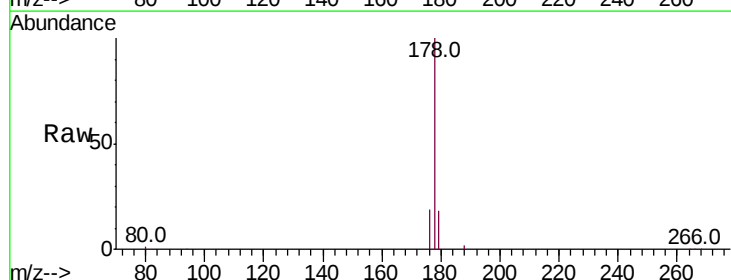
Tgt Ion:178 Resp: 202562

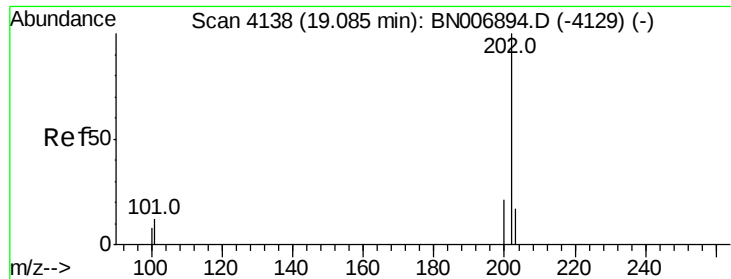
Ion Ratio Lower Upper

178 100

179 18.1 12.7 19.1

176 18.9 15.8 23.6





#15

Fluoranthene

Concen: 12.078 ng/ul m

RT: 19.07 min Scan# 4134

Delta R.T. -0.02 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

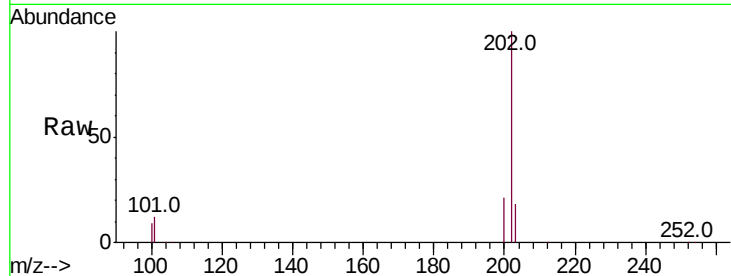
ClientSampleId :

BF489

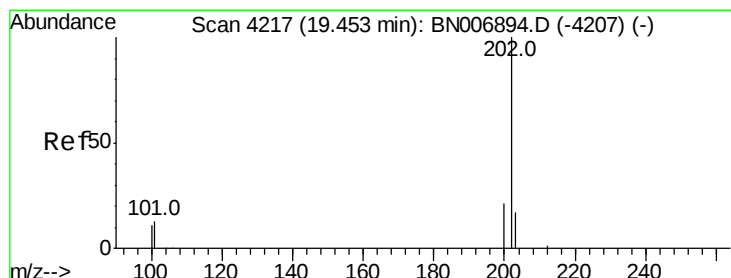
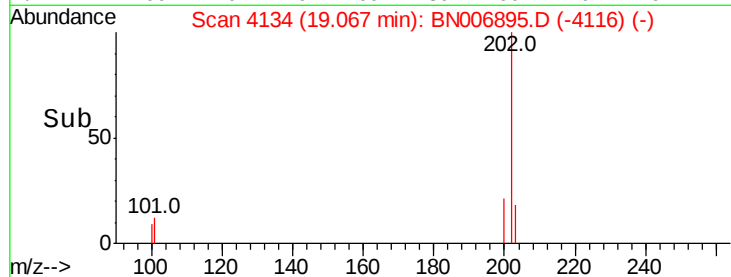
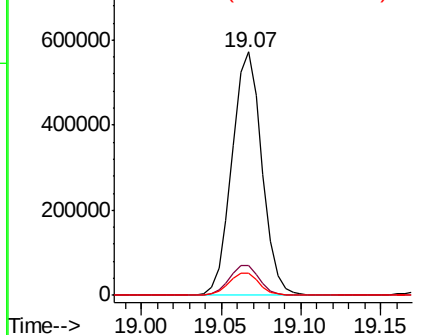
Tot Ion:	202	Resp:	741941
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	33.2
100	8.9	0.0	29.9

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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



#17

Pyrene

Concen: 7.520 ng/ul

RT: 19.43 min Scan# 4213

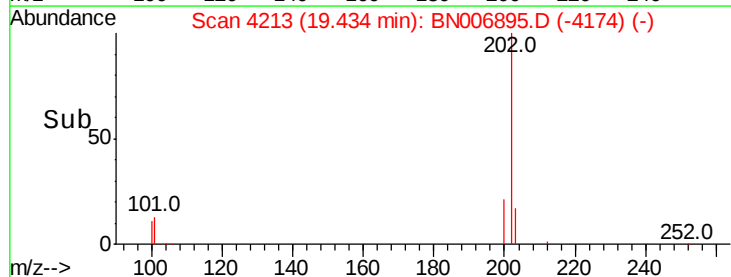
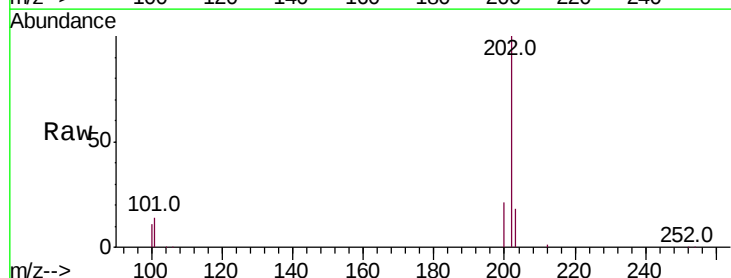
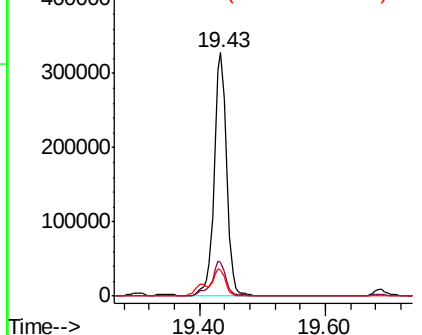
Delta R.T. -0.02 min

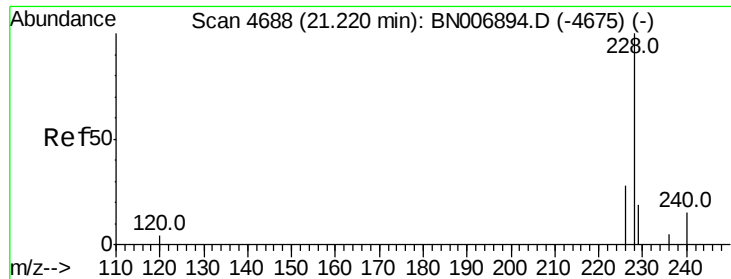
Lab File: BN006895.D

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Tgt Ion:	202	Resp:	448946
Ion Ratio	Lower	Upper	
202	100		
101	13.7	12.2	18.2
100	10.7	9.8	14.8

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





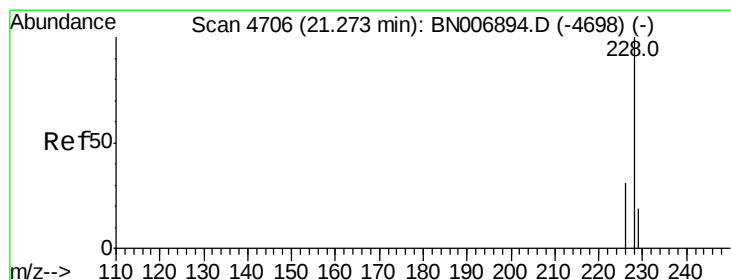
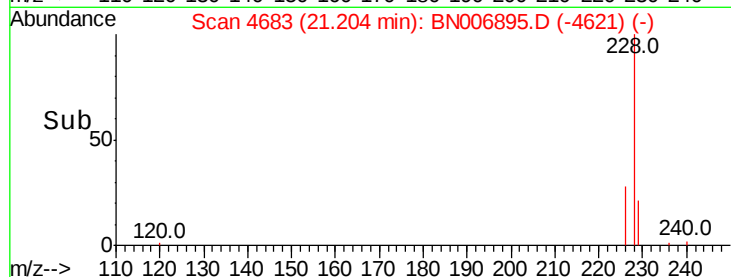
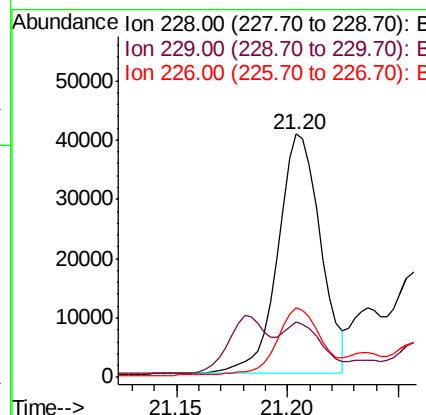
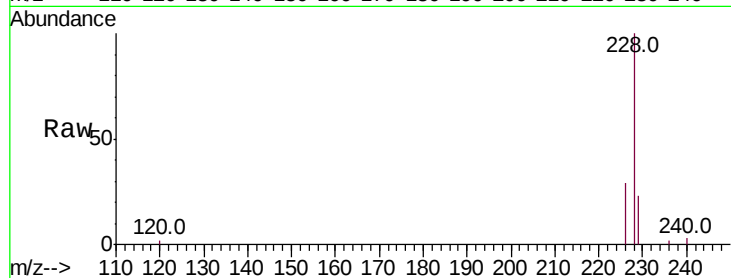
#18
Benzo(a)anthracene
Concen: 0.999 ng/ul
RT: 21.20 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN006895.D
Acq: 18 Jul 2019 17:17

Instrument :
BNA_N
ClientSampled :
BF489

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.9	23.9
226	28.7	22.6	34.0

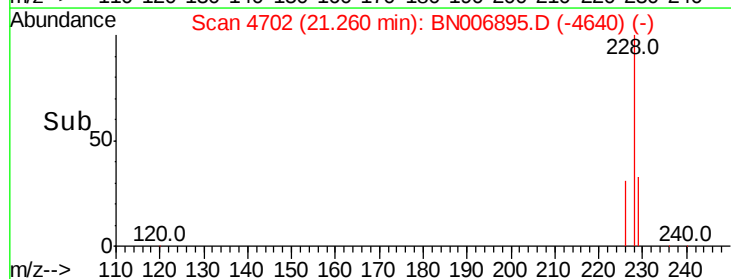
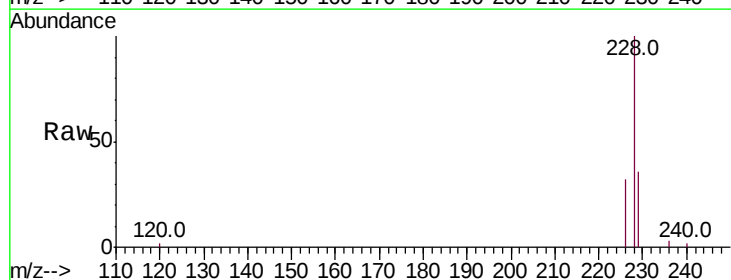
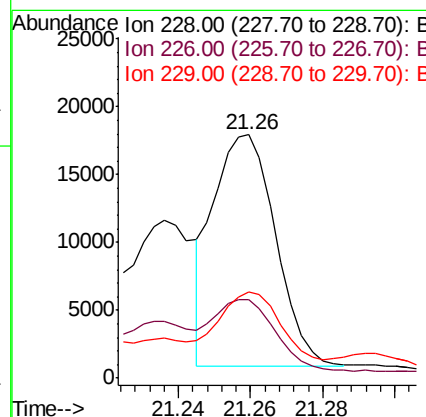
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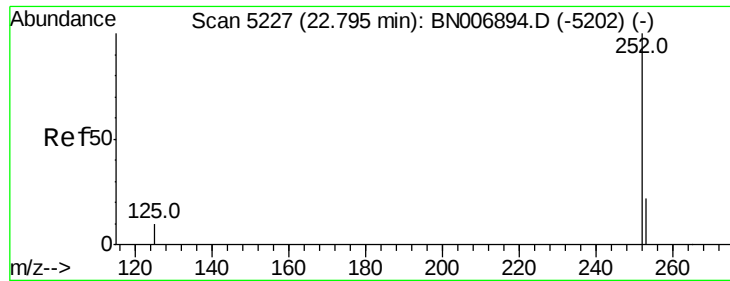
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#19
Chrysene
Concen: 0.343 ng/ul m
RT: 21.26 min Scan# 4702
Delta R.T. -0.02 min
Lab File: BN006895.D
Acq: 18 Jul 2019 17:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.2	36.4
229	35.6	15.5	23.3





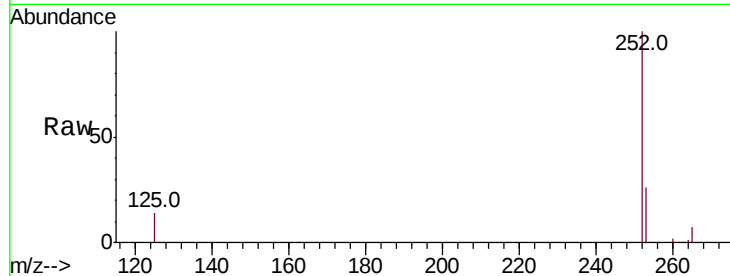
#21
Benzo(b)fluoranthene
Concen: 0.380 ng/ul m
RT: 22.78 min Scan# 5224
Delta R.T. -0.02 min
Lab File: BN006895.D
Acq: 18 Jul 2019 17:17

Instrument :
BNA_N
ClientSampleId :
BF489

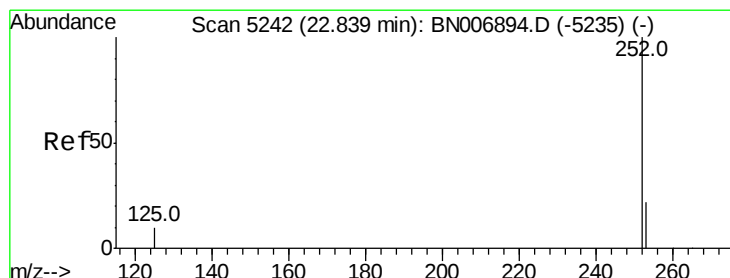
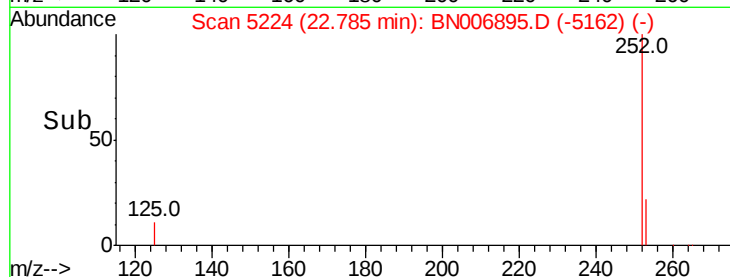
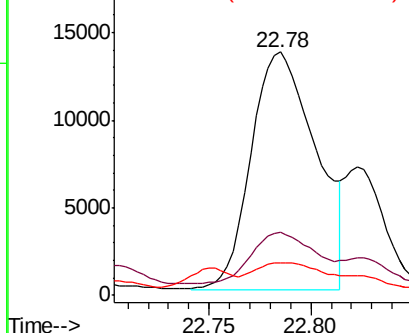
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	47.8
125	13.6	0.0	29.2

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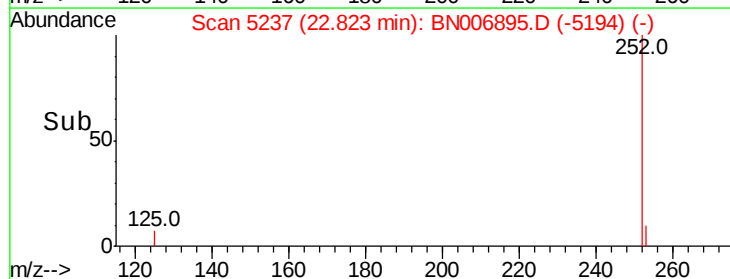
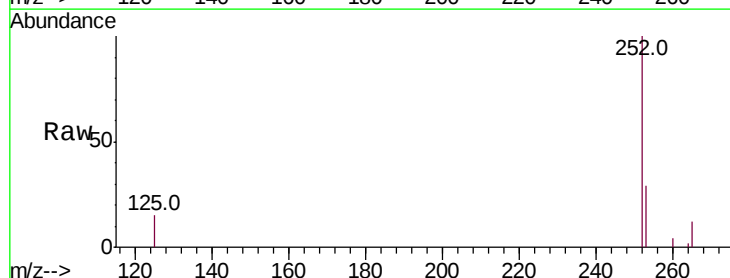
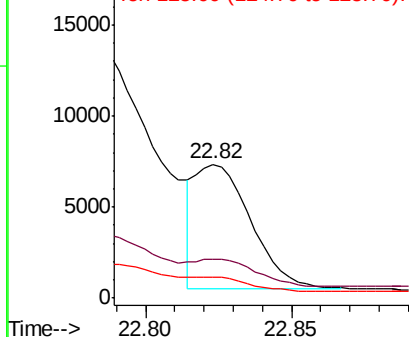
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

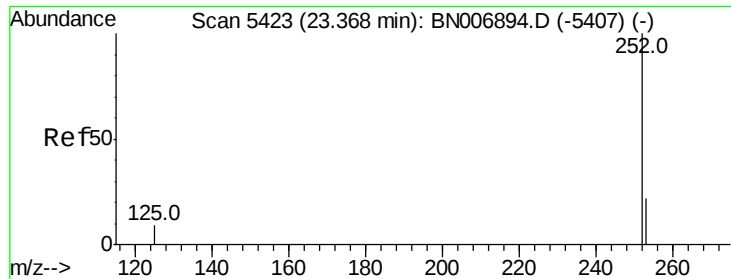


#22
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 22.82 min Scan# 5237
Delta R.T. -0.02 min
Lab File: BN006895.D
Acq: 18 Jul 2019 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	19.2	28.8#
125	15.5	11.0	16.6

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: 0.224 ng/ul

RT: 23.34 min Scan# 5415

Delta R.T. -0.03 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Instrument :

BNA_N

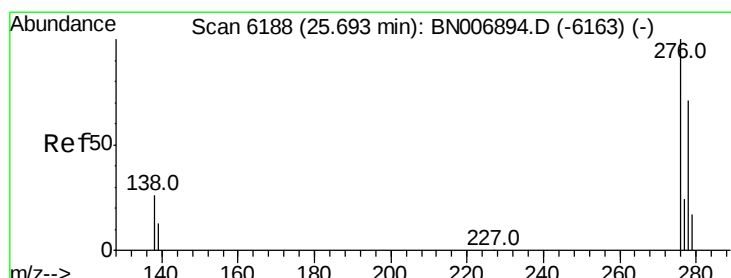
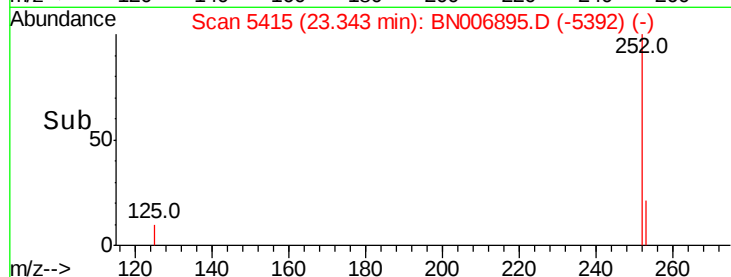
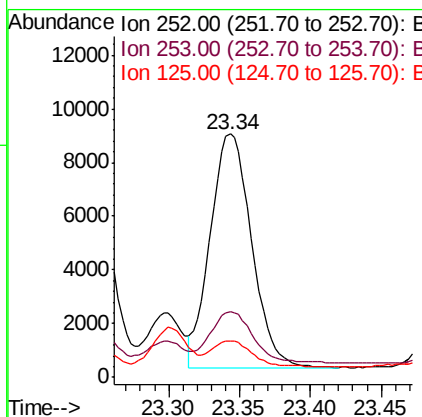
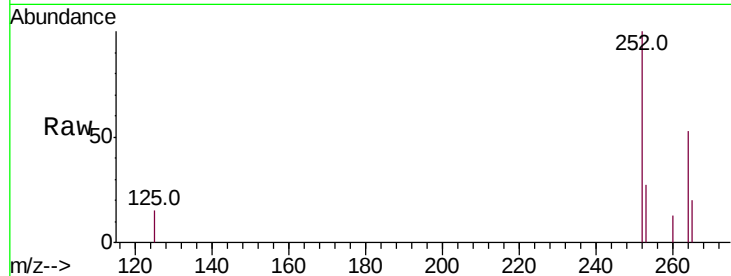
ClientSampleId :

BF489

Tot Ion:	252	Resp:	17615
Ion Ratio	Lower	Upper	
252	100		
253	27.0	19.4	29.2
125	15.0	12.6	19.0

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.069 ng/ul

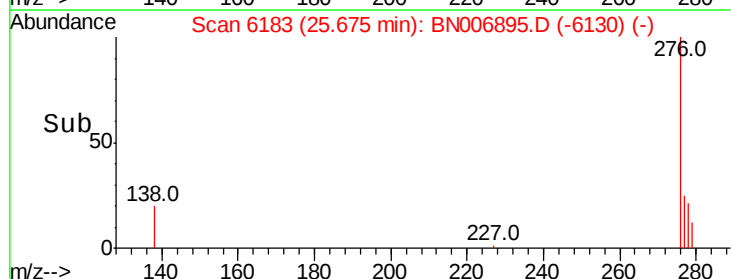
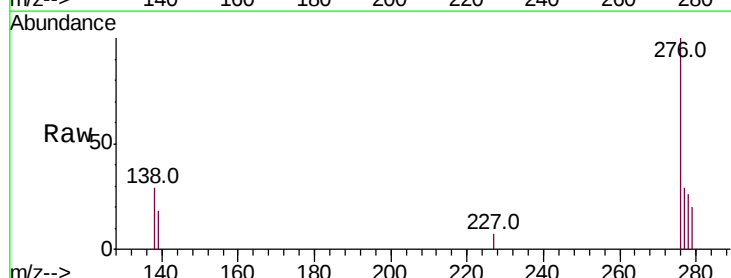
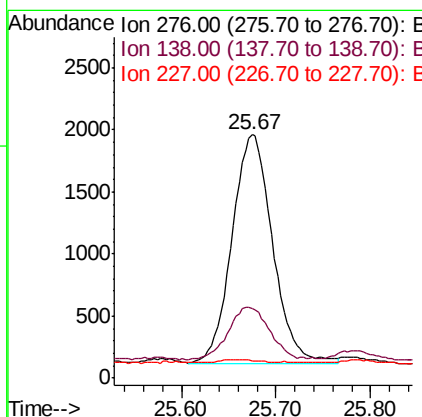
RT: 25.67 min Scan# 6183

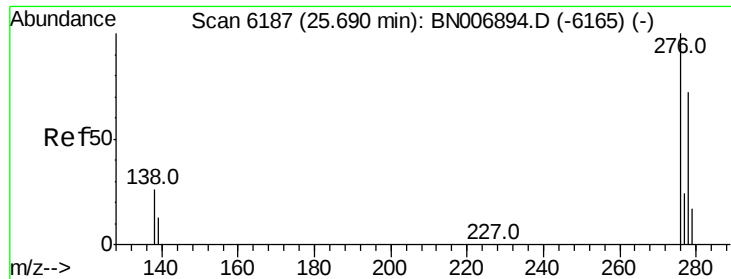
Delta R.T. -0.02 min

Lab File: BN006895.D

Acq: 18 Jul 2019 17:17

Tgt Ion:	276	Resp:	5480
Ion Ratio	Lower	Upper	
276	100		
138	23.9	24.3	36.5#
227	1.7	0.2	0.4#





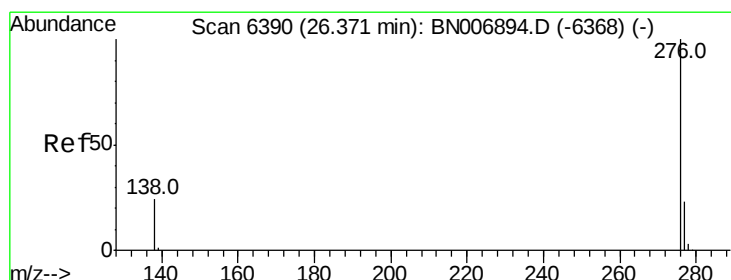
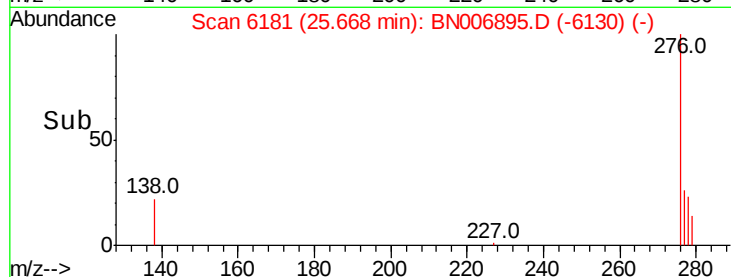
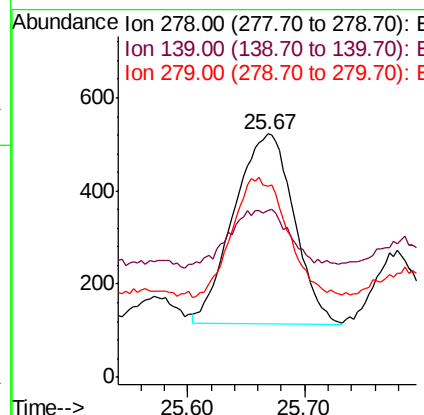
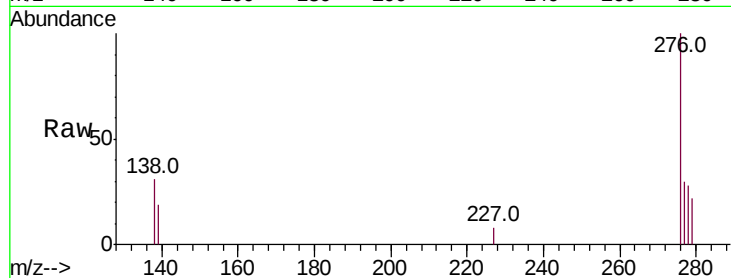
#25
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.67 min Scan# 6181
Delta R.T. -0.03 min
Lab File: BN006895.D
Acq: 18 Jul 2019 17:17

Instrument :
BNA_N
ClientSampleId :
BF489

Tot Ion	Ratio	Lower	Upper
278	100		
139	68.3	18.1	27.1#
279	78.4	19.8	29.6#

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 26.36 min Scan# 6386
Delta R.T. -0.03 min
Lab File: BN006895.D
Acq: 18 Jul 2019 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	22.2	33.2
277	30.2	19.5	29.3#

