

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006516.D
 Acq On : 23 Jun 2019 08:28
 Operator : HP/JU
 Sample : K3360-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y7

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:45:34 AM

Quant Time: Jun 24 08:57:48 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4946	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	18834	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10301	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	21608m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	13016m	0.40	ng/ul	-0.02
20) Perylene-d12	23.49	264	11017m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7143	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	16369m	0.28	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	3055	0.059	ng/ul#	92
5) 2-Methylnaphthalene	12.08	142	1223	0.034	ng/ul	98
7) Acenaphthylene	14.00	152	16514	0.288	ng/ul	99
8) Acenaphthene	14.34	153	12567	0.316	ng/ul	100
9) Fluorene	15.34	166	27844	0.599	ng/ul	99
12) Phenanthrene	17.08	178	554100m	7.989	ng/ul	
13) Anthracene	17.17	178	105039m	1.586	ng/ul	
15) Fluoranthene	19.10	202	711512m	9.290	ng/ul	
17) Pyrene	19.47	202	573724	8.368	ng/ul	99
18) Benzo(a)anthracene	21.24	228	228500m	3.969	ng/ul	
19) Chrysene	21.29	228	217329	4.021	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	202289m	4.404	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	72738m	1.626	ng/ul	
23) Benzo(a)pyrene	23.39	252	139283	3.255	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.71	276	73991	1.598	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.72	278	20933	0.565	ng/ul	97
26) Benzo(g,h,i)perylene	26.40	276	52714	1.359	ng/ul	95

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

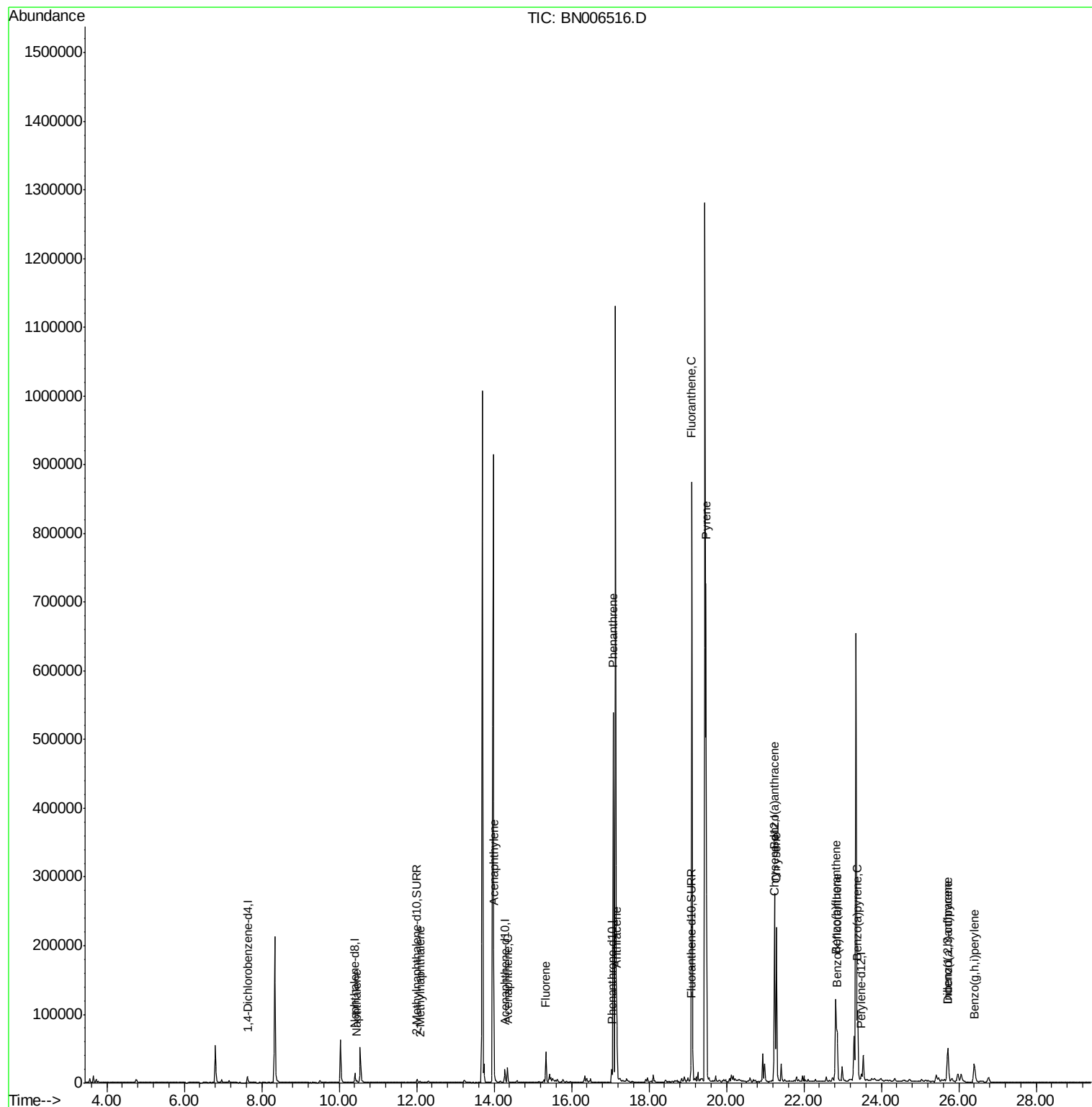
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006516.D
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ALS Vial : 32 Sample Multiplier: 1

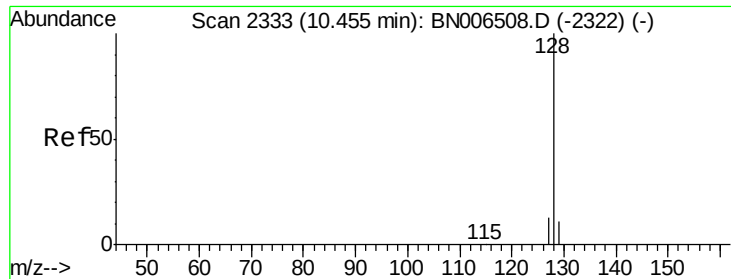
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#3

Naphthalene

Concen: 0.059 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.02 min

Lab File: BN006516.D

Acq: 23 Jun 2019 08:28

Instrument :

BNA_N

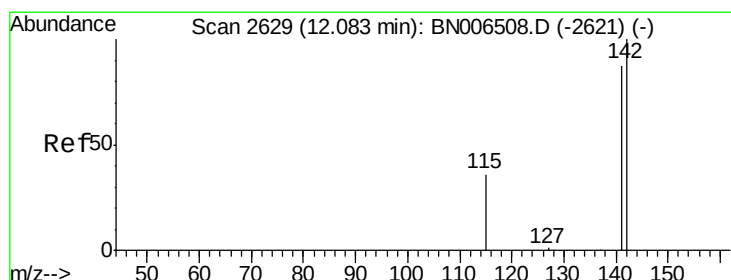
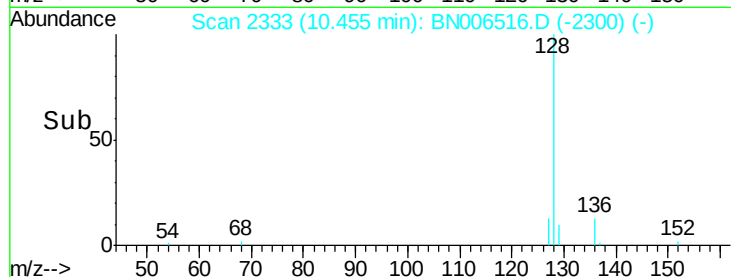
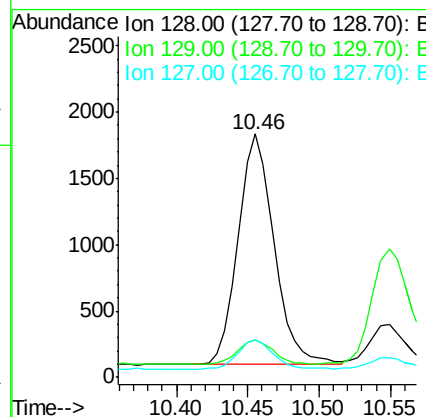
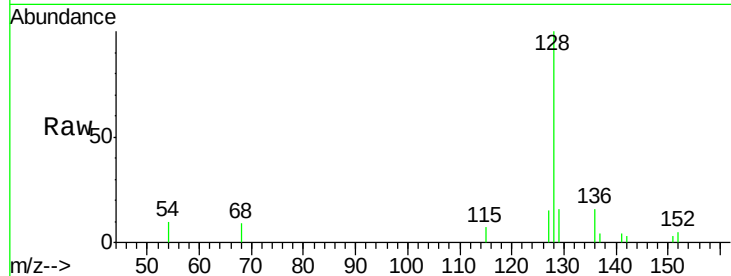
ClientSampleId :

A41Y7

Tgt Ion:	128	Resp:	3055
Ion Ratio	Lower	Upper	
128	100		
129	15.6	9.3	13.9#
127	15.5	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

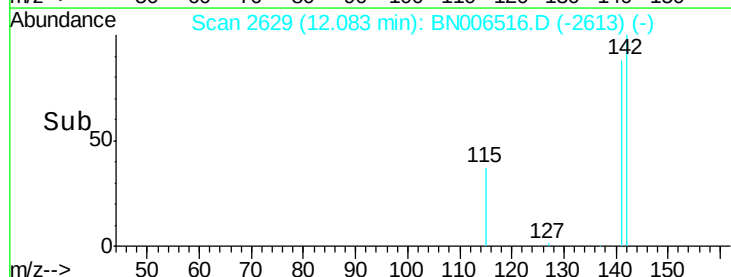
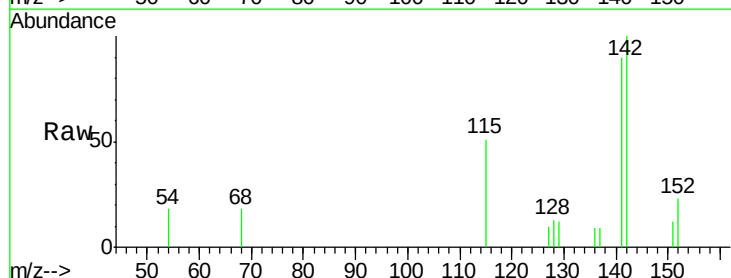
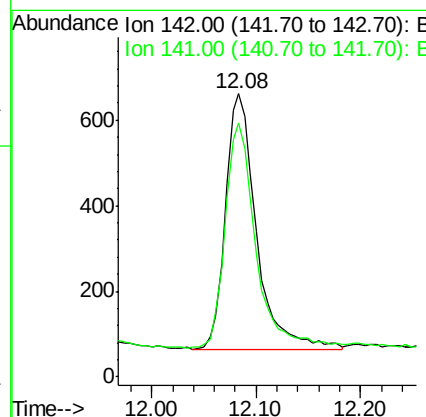
RT: 12.08 min Scan# 2629

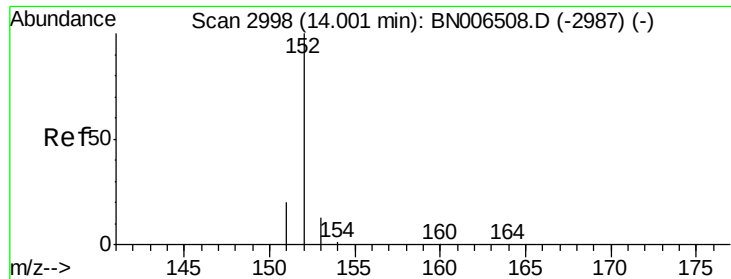
Delta R.T. -0.01 min

Lab File: BN006516.D

Acq: 23 Jun 2019 08:28

Tgt Ion:	142	Resp:	1223
Ion Ratio	Lower	Upper	
142	100		
141	89.4	70.3	105.5





#7

Acenaphthylene

Concen: 0.288 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BN006516.D

Acq: 23 Jun 2019 08:28

Instrument :

BNA_N

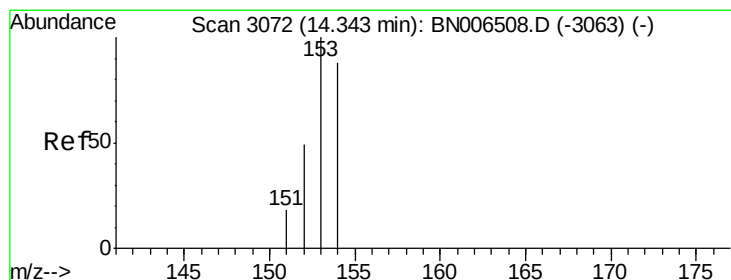
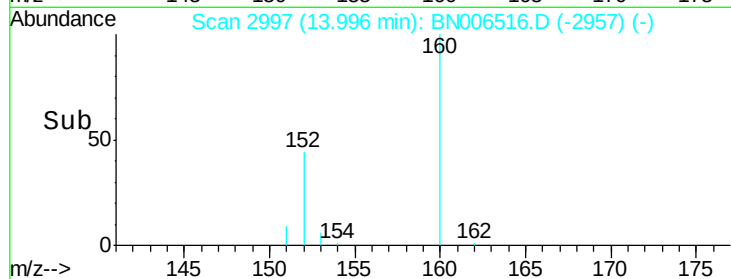
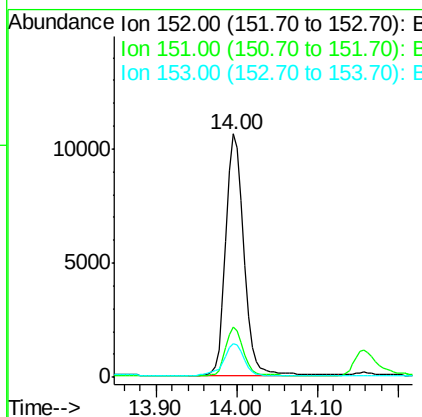
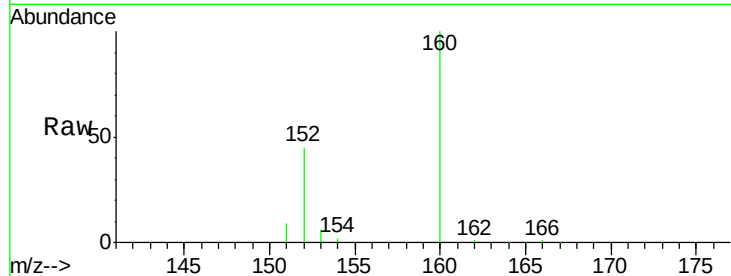
ClientSampleId :

A41Y7

Tgt Ion:	152	Resp:	16514
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.8	23.8
153	14.0	10.8	16.2

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#8

Acenaphthene

Concen: 0.316 ng/ul

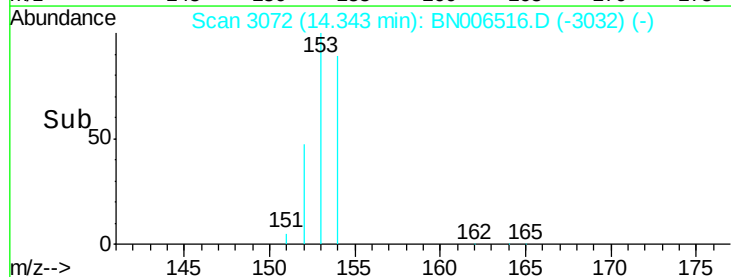
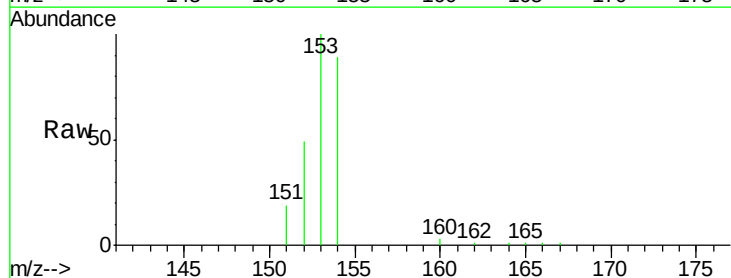
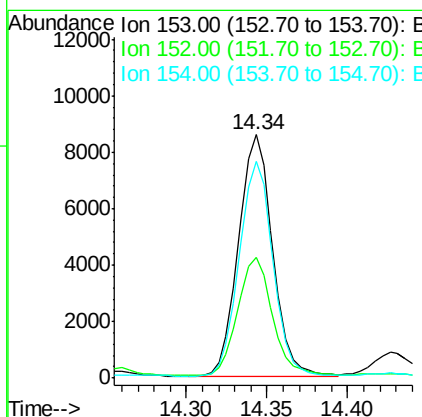
RT: 14.34 min Scan# 3072

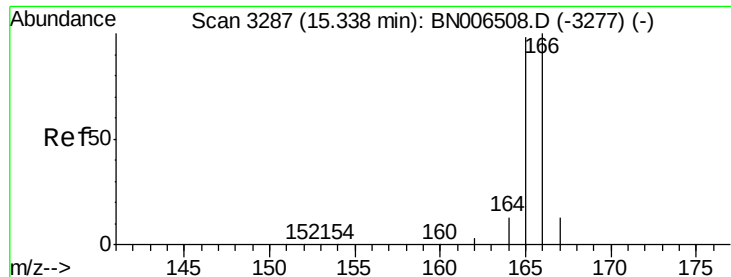
Delta R.T. -0.01 min

Lab File: BN006516.D

Acq: 23 Jun 2019 08:28

Tgt Ion:	153	Resp:	12567
Ion Ratio	Lower	Upper	
153	100		
152	49.5	39.1	58.7
154	89.1	71.1	106.7





#9

Fluorene

Concen: 0.599 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BN006516.D

Acq: 23 Jun 2019 08:28

Instrument :

BNA_N

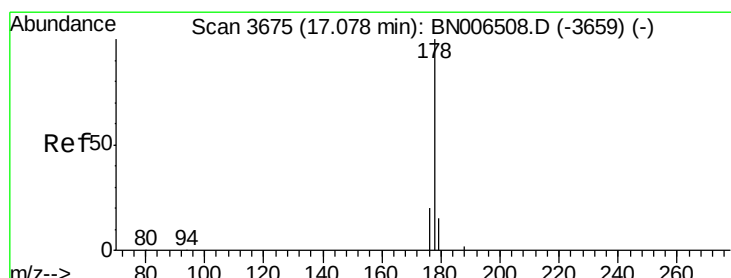
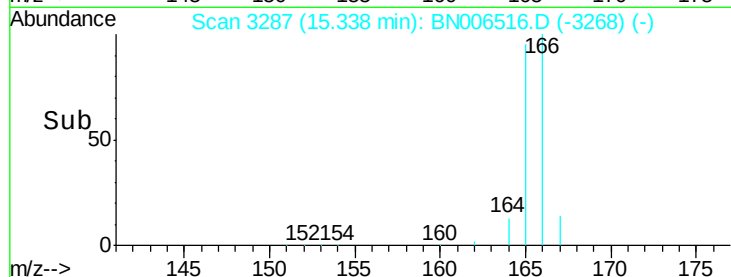
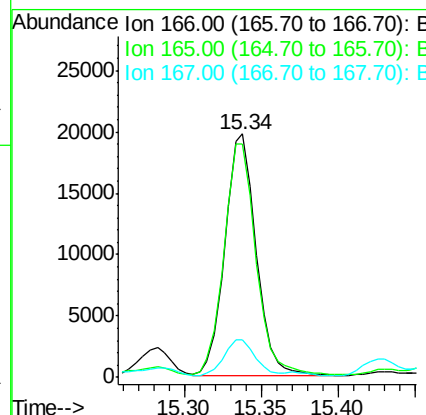
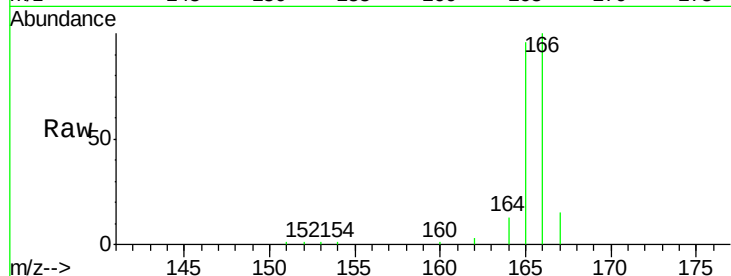
ClientSampleId :

A41Y7

Tgt Ion:	166	Resp:	27844
Ion Ratio	Lower	Upper	
166	100		
165	95.6	76.4	114.6
167	15.3	11.0	16.6

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#12

Phenanthrene

Concen: 7.989 ng/ul m

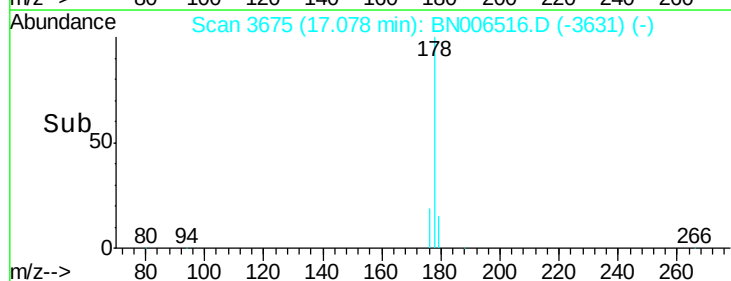
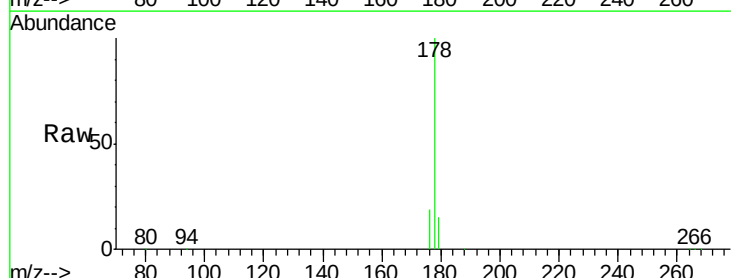
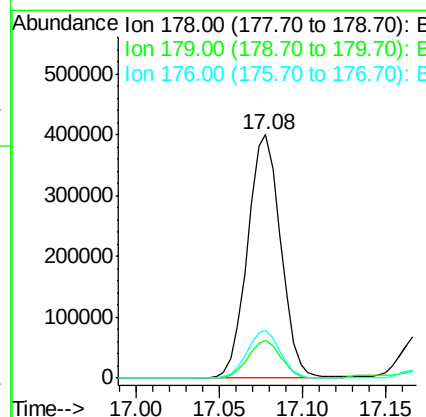
RT: 17.08 min Scan# 3675

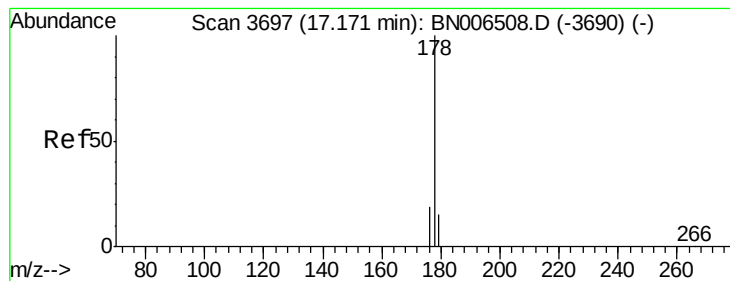
Delta R.T. -0.01 min

Lab File: BN006516.D

Acq: 23 Jun 2019 08:28

Tgt Ion:	178	Resp:	554100
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.4	15.3	22.9





#13

Anthracene

Concen: 1.586 ng/ul m

RT: 17.17 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BN006516.D

Acq: 23 Jun 2019 08:28

Instrument :

BNA_N

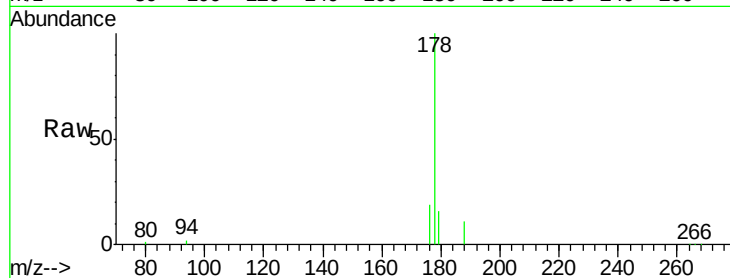
ClientSampleId :

A41Y7

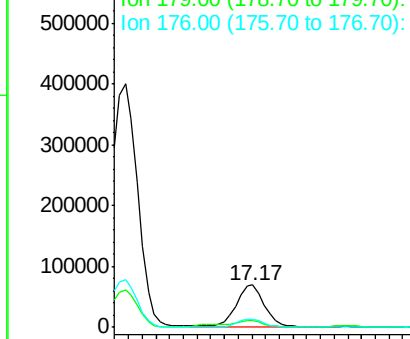
Tgt Ion:	178	Resp:	105039
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.2	18.4
176	18.8	15.1	22.7

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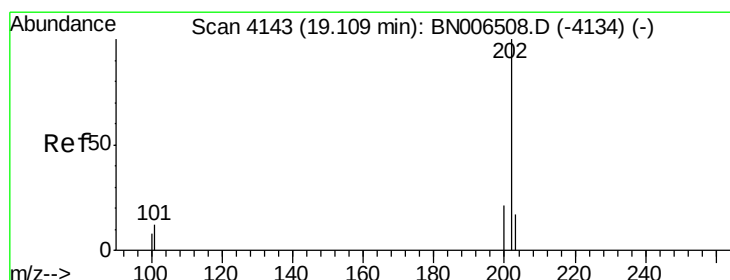
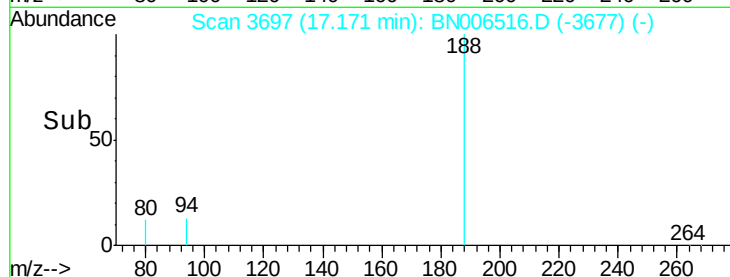
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Fluoranthene

Concen: 9.290 ng/ul m

RT: 19.10 min Scan# 4142

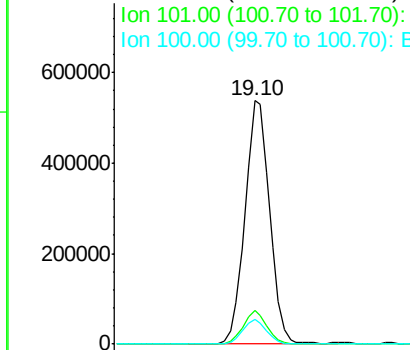
Delta R.T. -0.01 min

Lab File: BN006516.D

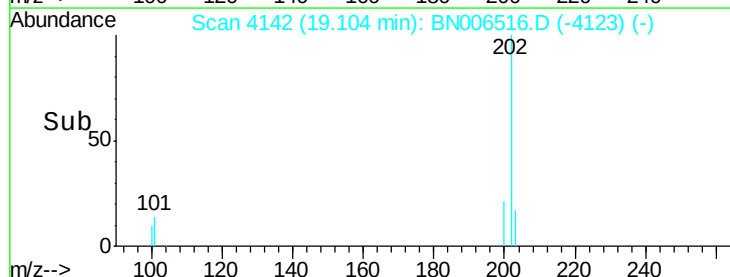
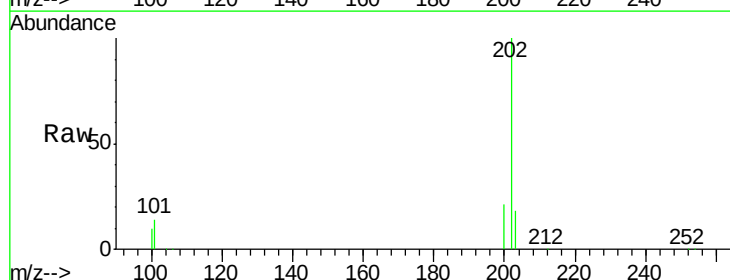
Acq: 23 Jun 2019 08:28

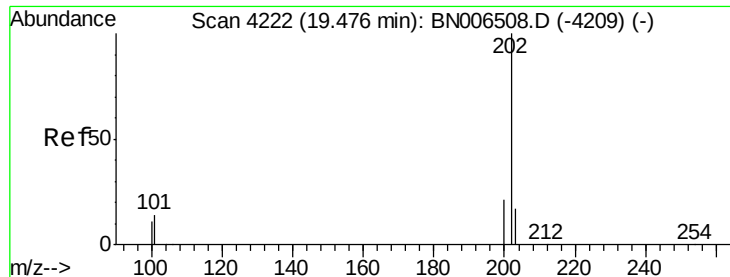
Tgt Ion:	202	Resp:	711512
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	32.1
100	10.1	0.0	28.7

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



Time-->





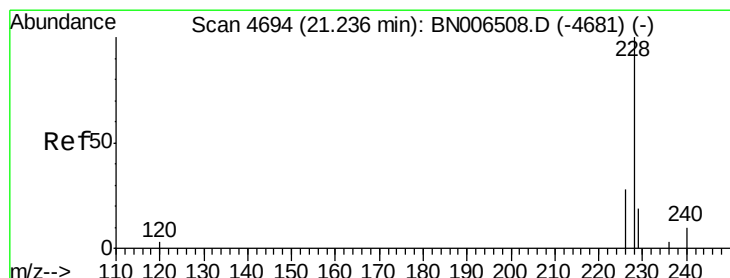
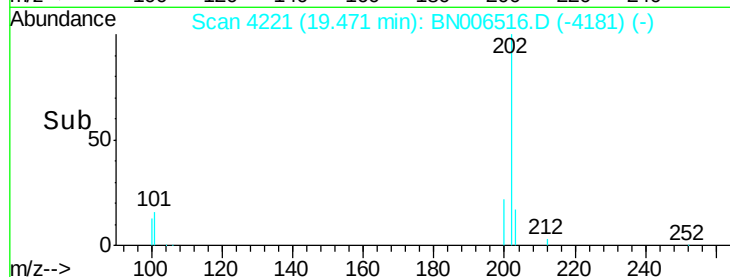
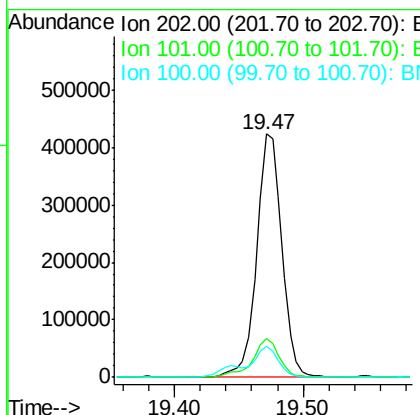
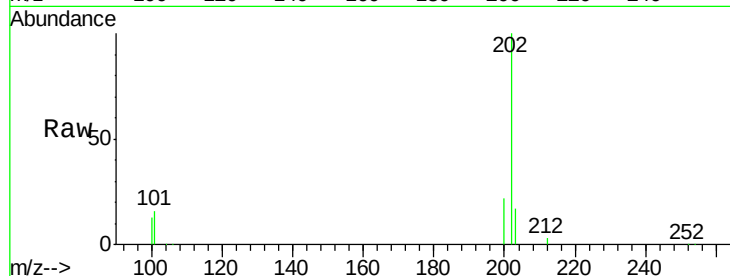
#17
 Pyrene
 Concen: 8.368 ng/ul
 RT: 19.47 min Scan# 4221
 Delta R.T. -0.01 min
 Lab File: BN006516.D
 Acq: 23 Jun 2019 08:28

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.0	12.2	18.2
100	12.6	9.8	14.6

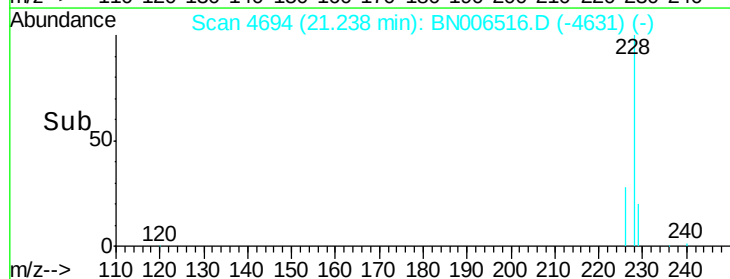
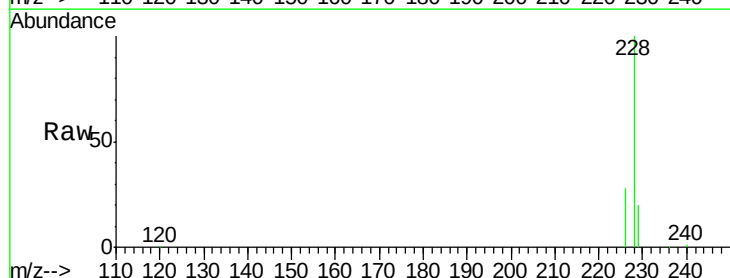
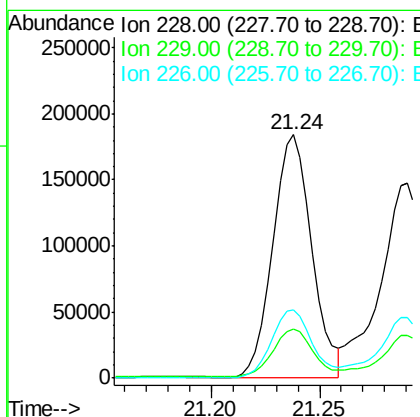
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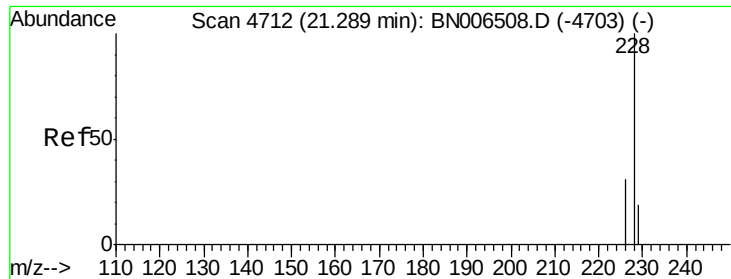
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#18
 Benzo(a)anthracene
 Concen: 3.969 ng/ul m
 RT: 21.24 min Scan# 4694
 Delta R.T. -0.02 min
 Lab File: BN006516.D
 Acq: 23 Jun 2019 08:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	16.5	24.7
226	28.2	22.8	34.2





#19

Chrysene

Concen: 4.021 ng/ul

RT: 21.29 min Scan# 4712

Delta R.T. -0.02 min

Lab File: BN006516.D

Acq: 23 Jun 2019 08:28

Instrument :

BNA_N

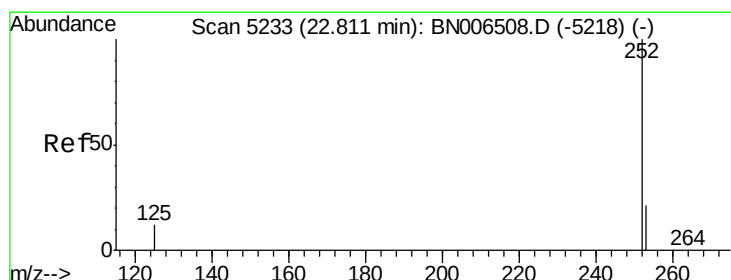
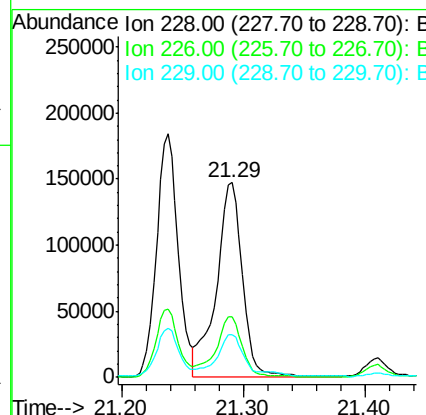
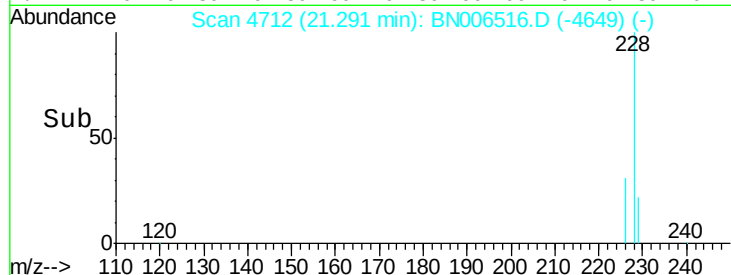
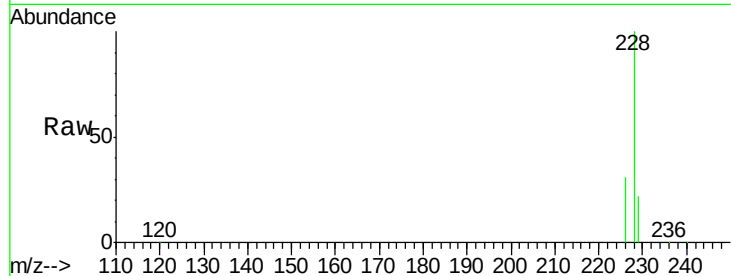
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Tgt Ion:	228	Resp:	217329
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	22.1	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 4.404 ng/ul m

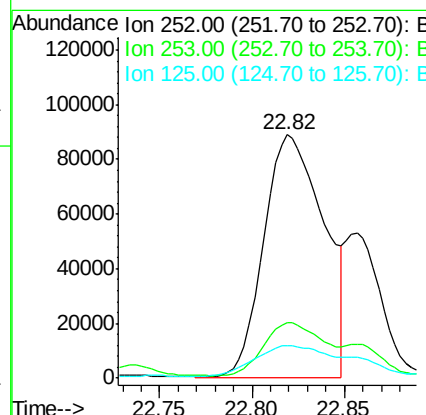
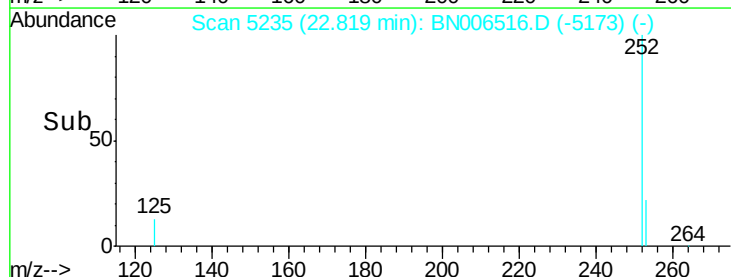
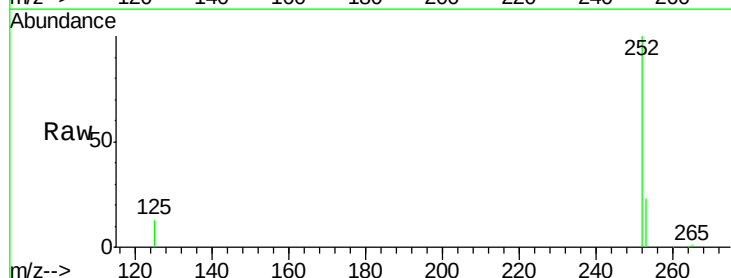
RT: 22.82 min Scan# 5235

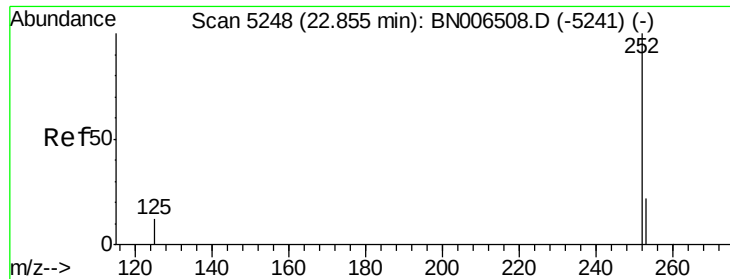
Delta R.T. -0.02 min

Lab File: BN006516.D

Acq: 23 Jun 2019 08:28

Tgt Ion:	252	Resp:	202289
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	51.4
125	13.4	0.0	41.0





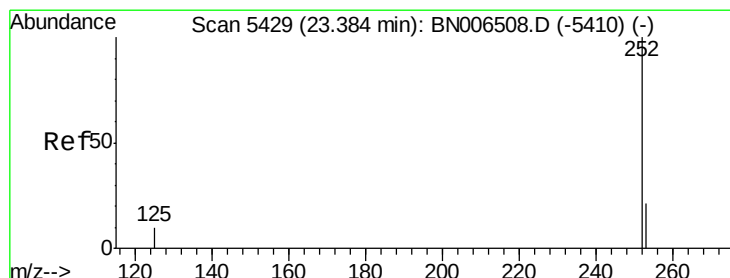
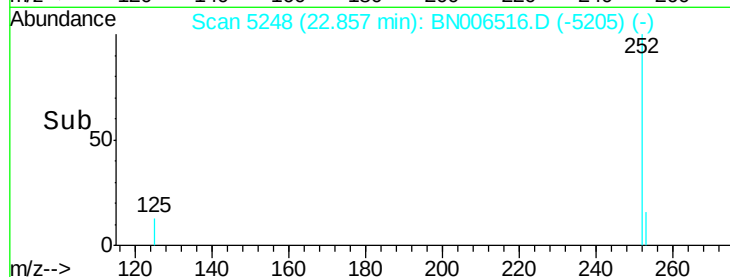
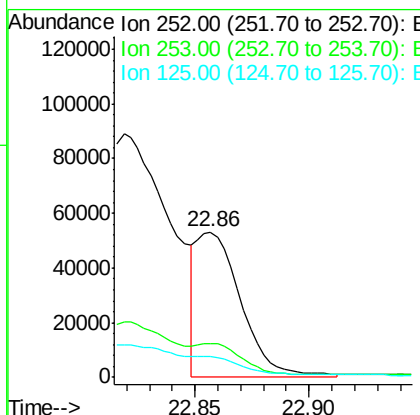
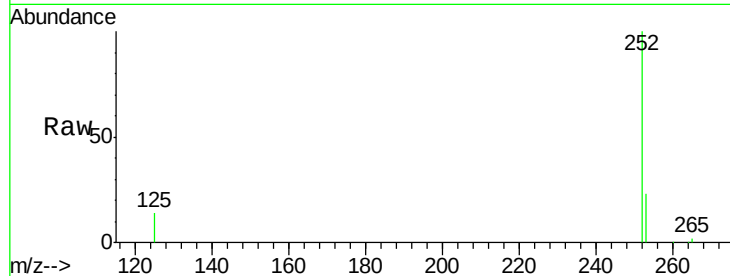
#22
Benzo(k)fluoranthene
Concen: 1.626 ng/ul m
RT: 22.86 min Scan# 5248
Delta R.T. -0.02 min
Lab File: BN006516.D
Acq: 23 Jun 2019 08:28

Instrument :
BNA_N
ClientSampleId :
A41Y7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.3	30.5
125	14.2	14.3	21.5#

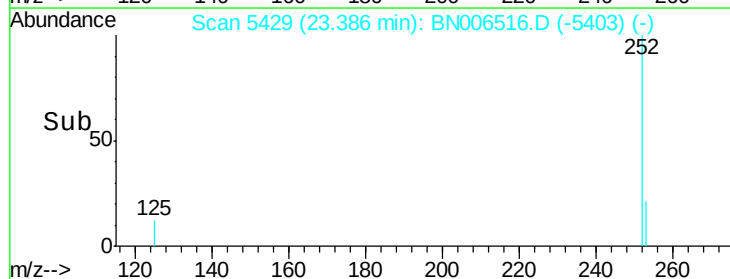
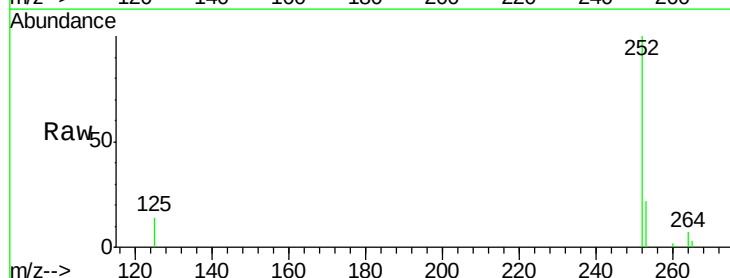
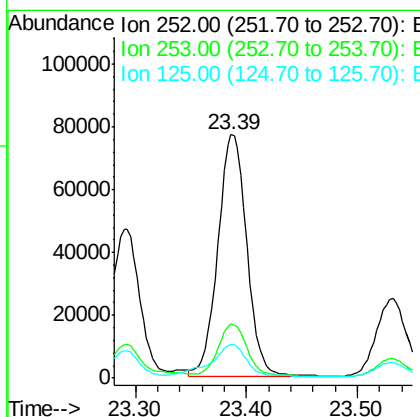
Manual Integrations
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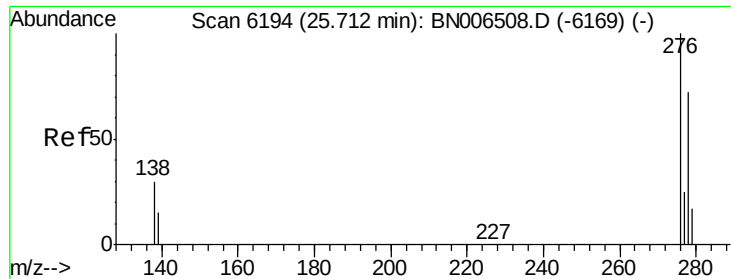
mohammad
6/25/2019 8:45:34 AM



#23
Benzo(a)pyrene
Concen: 3.255 ng/ul
RT: 23.39 min Scan# 5429
Delta R.T. -0.02 min
Lab File: BN006516.D
Acq: 23 Jun 2019 08:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.1	31.7
125	13.6	20.3	30.5#





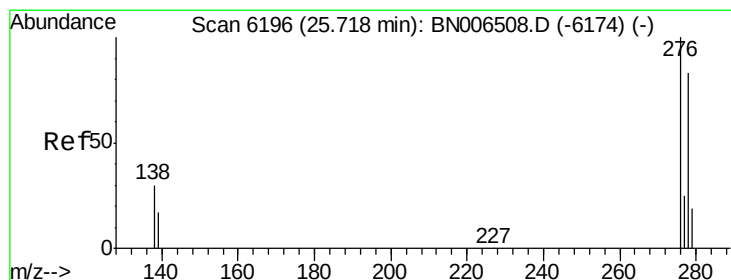
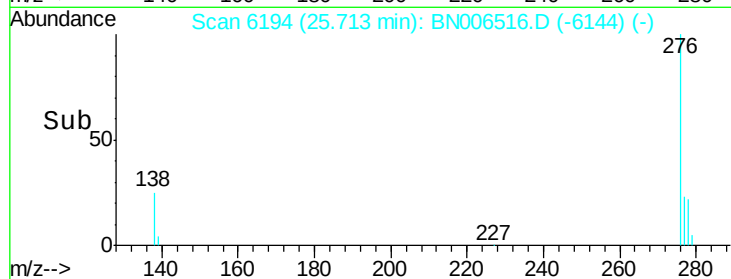
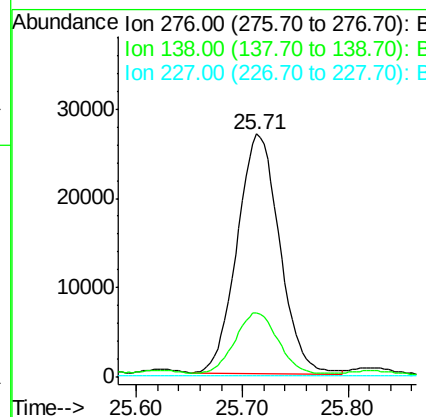
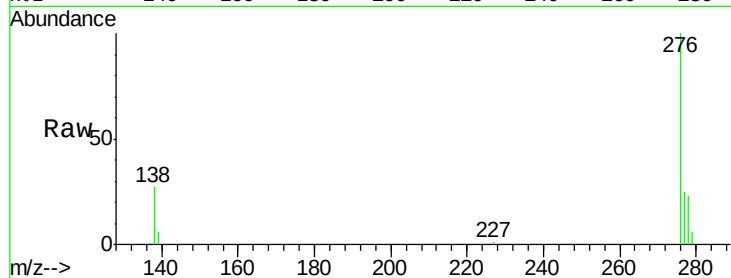
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.598 ng/ul
RT: 25.71 min Scan# 6194
Delta R.T. -0.03 min
Lab File: BN006516.D
Acq: 23 Jun 2019 08:28

Instrument :
BNA_N
ClientSampleId :
A41Y7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.6	38.4
227	0.1	0.3	0.5#

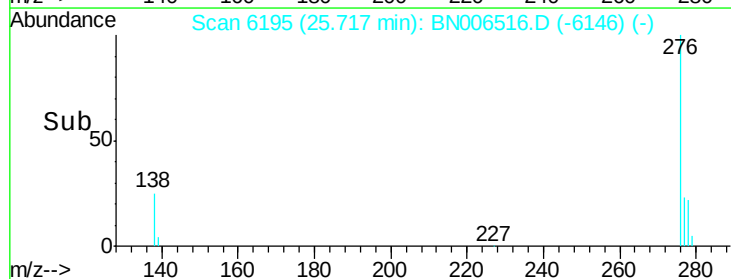
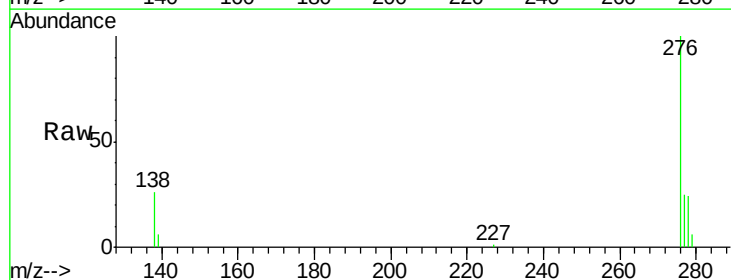
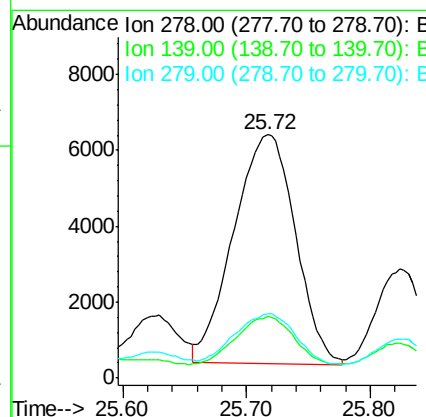
Manual Integrations
APPROVED

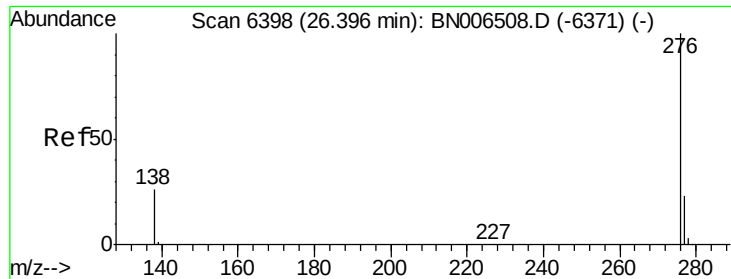
mohammad
6/25/2019 8:45:34 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.565 ng/ul
RT: 25.72 min Scan# 6195
Delta R.T. -0.04 min
Lab File: BN006516.D
Acq: 23 Jun 2019 08:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.4	21.2	31.8
279	26.3	22.6	33.8





#26

Benzo(g,h,i)perylene

Concen: 1.359 ng/ul

RT: 26.40 min Scan# 6398

Delta R.T. -0.03 min

Lab File: BN006516.D

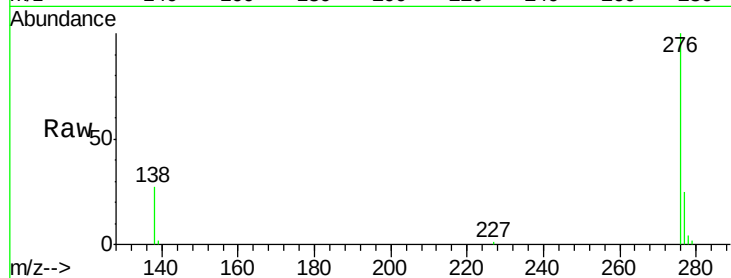
Acq: 23 Jun 2019 08:28

Instrument :

BNA_N

ClientSampleId :

A41Y7



Tgt Ion: 276 Resp: 52714

Ion Ratio Lower Upper

276 100

138 27.4 24.2 36.4

277 24.6 21.5 32.3

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:34 AM

