

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006502.D
 Acq On : 22 Jun 2019 22:42
 Operator : HP/JU
 Sample : K3360-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Z8

Manual Integrations
 APPROVED

mohammad
 6/25/2019 8:44:51 AM

Quant Time: Jun 24 09:08:15 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	4785	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19017	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10652	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	22146m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	14712m	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	11072m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	8135	0.28	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	20143m	0.34	ng/ul	-0.01
Target Compounds				Qvalue		
12) Phenanthrene	17.08	178	5626	0.079	ng/ul	95
15) Fluoranthene	19.11	202	16041m	0.204	ng/ul	
17) Pyrene	19.47	202	14793	0.191	ng/ul	96
18) Benzo(a)anthracene	21.24	228	4894m	0.075	ng/ul	
19) Chrysene	21.29	228	6522	0.107	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	7640m	0.165	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	3435m	0.076	ng/ul	
23) Benzo(a)pyrene	23.38	252	4218	0.098	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.72	276	3195	0.069	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.72	278	810	0.022	ng/ul#	23
26) Benzo(g,h,i)perylene	26.40	276	2593	0.067	ng/ul#	86

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

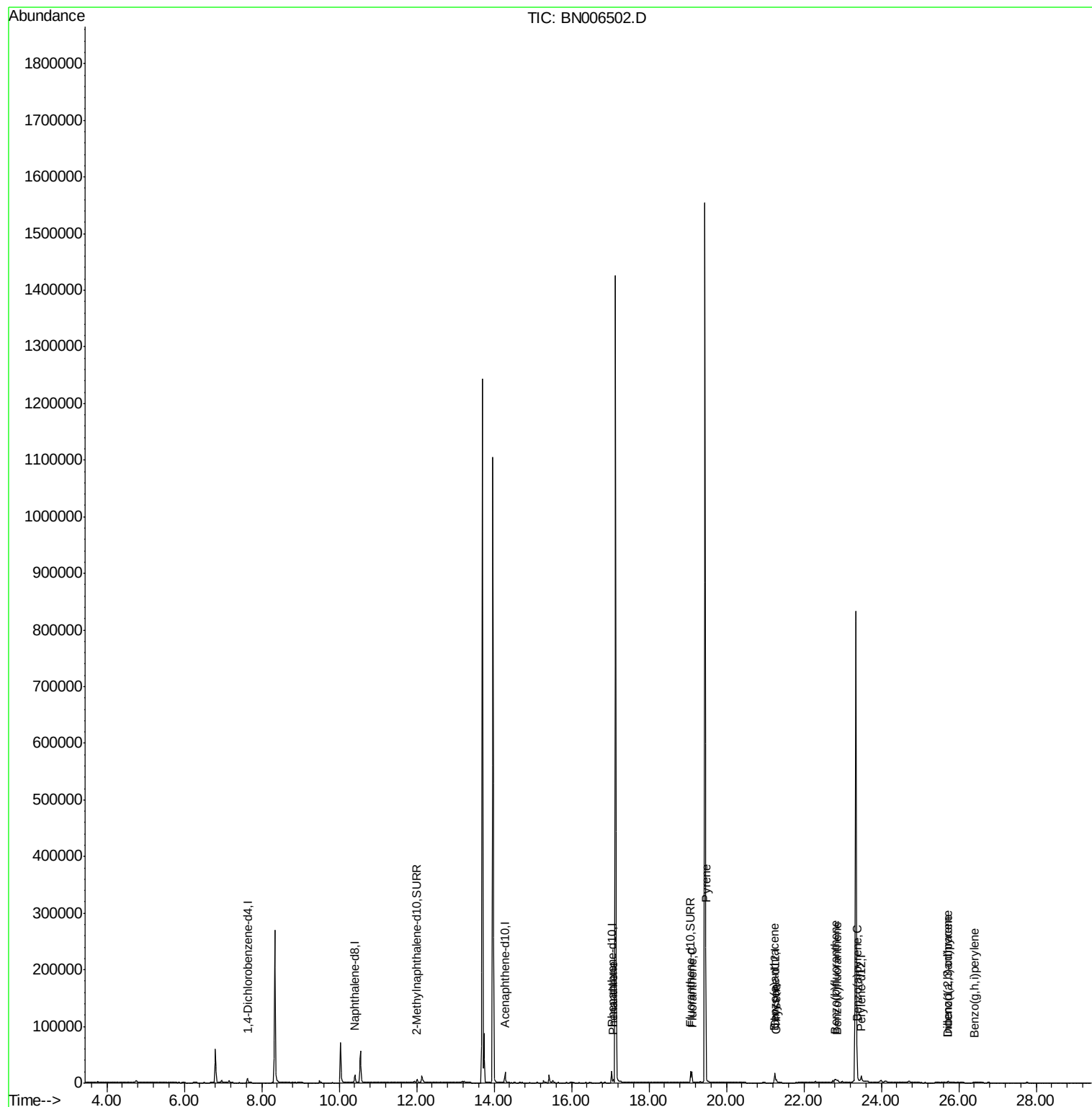
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006502.D
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Sample : K3360-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

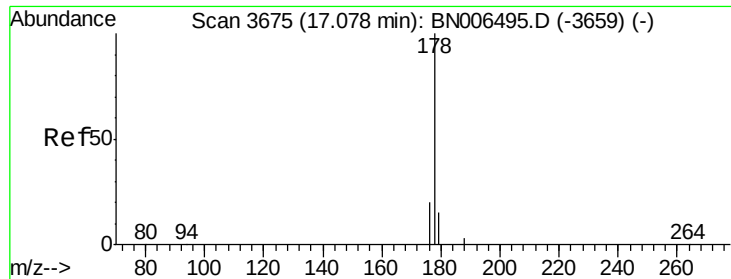
Instrument :
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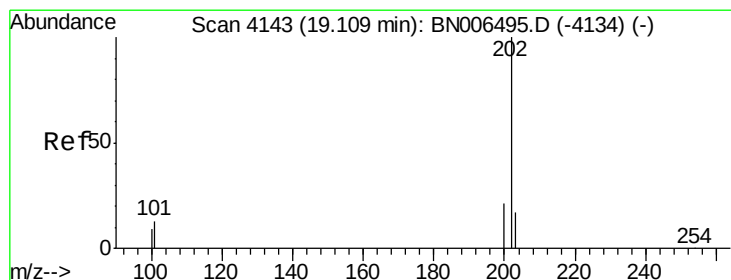
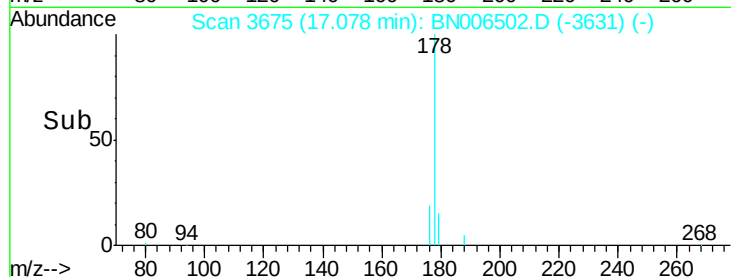
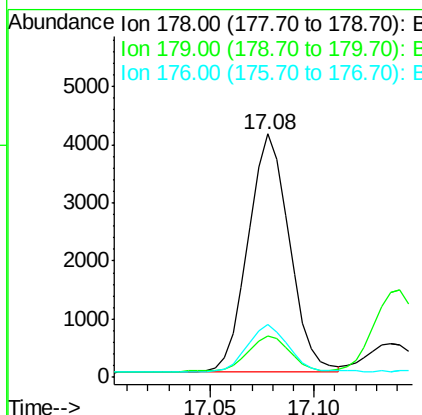
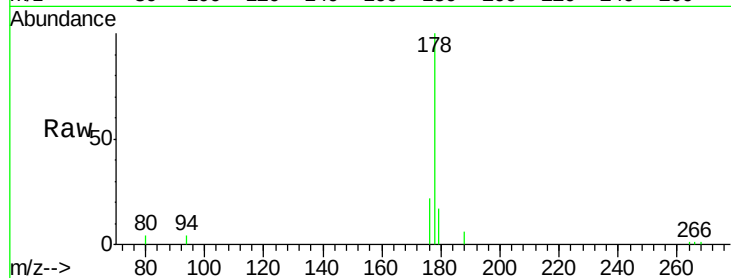
#12
Phenanthrene
Concen: 0.079 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006502.D
Acq: 22 Jun 2019 22:42

Instrument :
BNA_N
ClientSampleId :
A41Z8

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	21.6	15.3	22.9

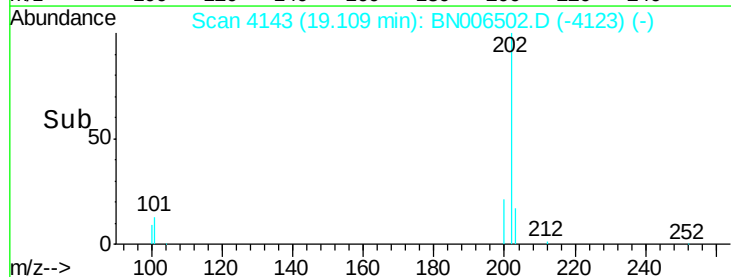
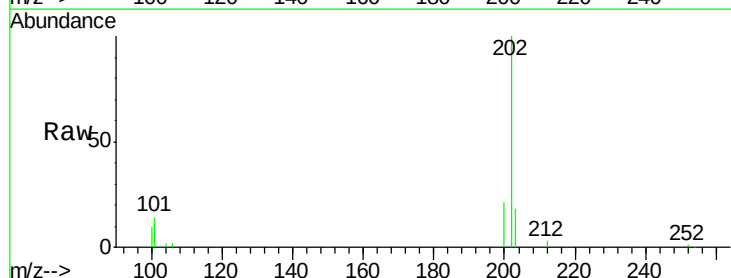
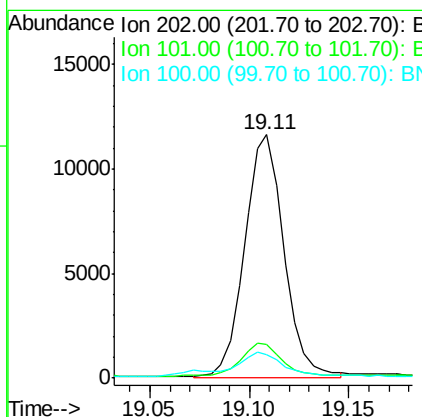
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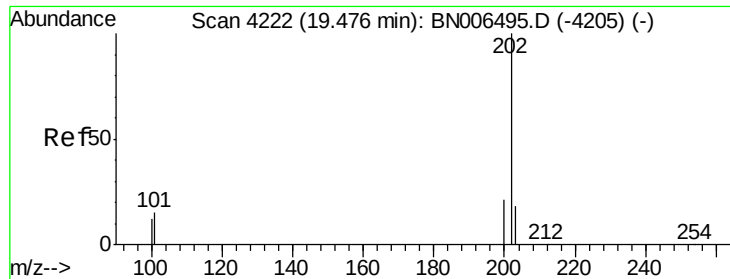
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#15
Fluoranthene
Concen: 0.204 ng/ul m
RT: 19.11 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN006502.D
Acq: 22 Jun 2019 22:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.1
100	9.8	0.0	28.7





#17

Pyrene

Concen: 0.191 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN006502.D

Acq: 22 Jun 2019 22:42

Instrument :

BNA_N

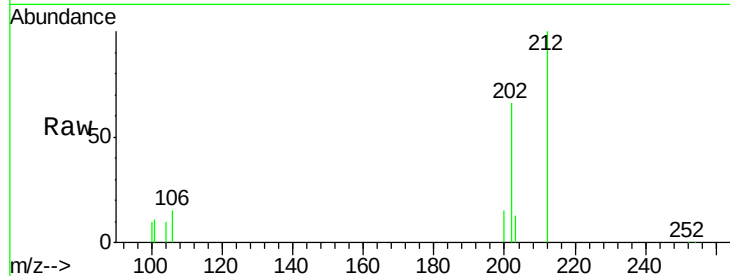
ClientSampled :

A41Z8

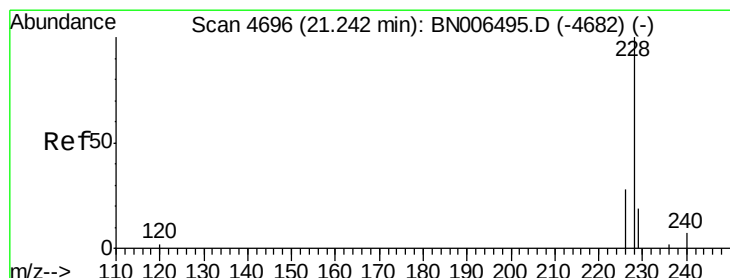
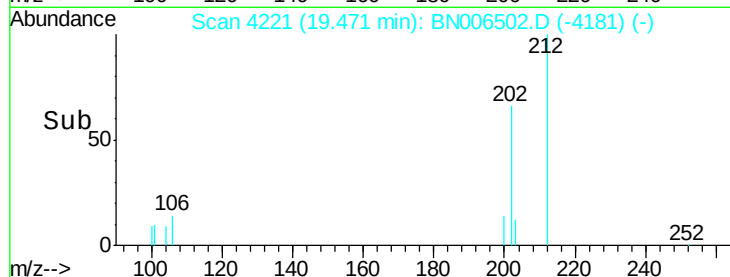
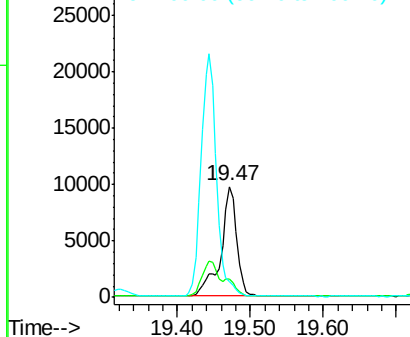
Tgt Ion:	202	Resp:	14793
Ion Ratio	Lower	Upper	
202	100		
101	16.6	12.2	18.2
100	14.4	9.8	14.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.075 ng/ul m

RT: 21.24 min Scan# 4694

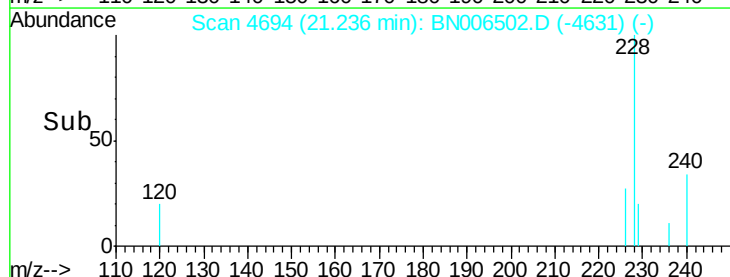
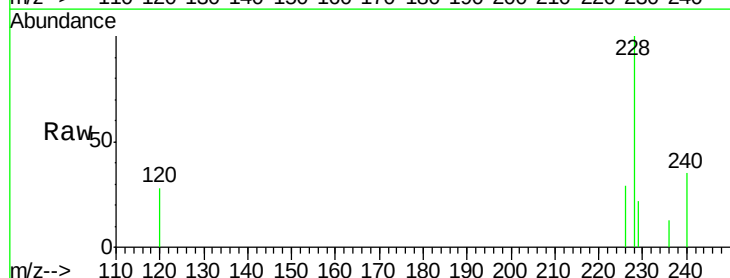
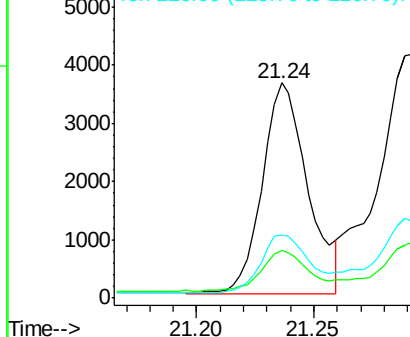
Delta R.T. -0.02 min

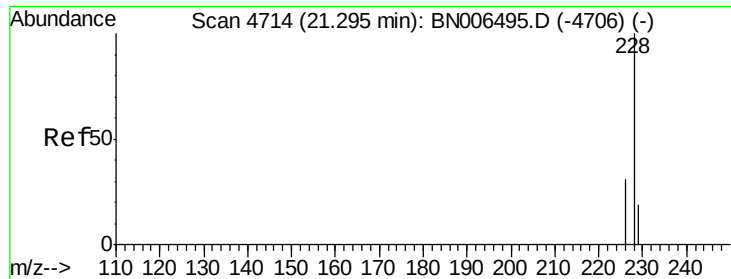
Lab File: BN006502.D

Acq: 22 Jun 2019 22:42

Tgt Ion:	228	Resp:	4894
Ion Ratio	Lower	Upper	
228	100		
229	22.3	16.5	24.7
226	29.4	22.8	34.2

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: 0.107 ng/ul

RT: 21.29 min Scan# 4713

Delta R.T. -0.01 min

Lab File: BN006502.D

Acq: 22 Jun 2019 22:42

Instrument :

BNA_N

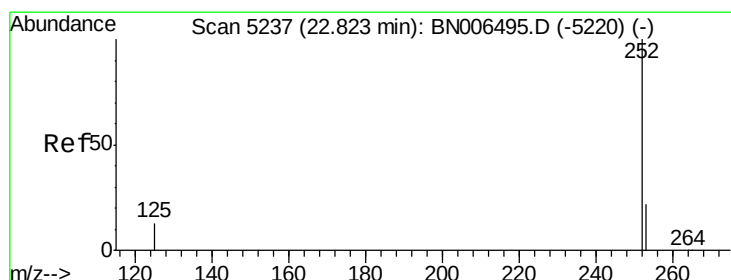
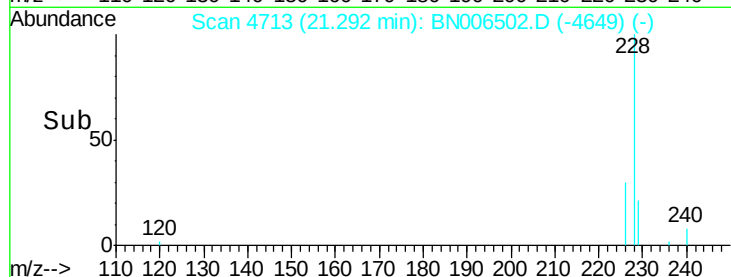
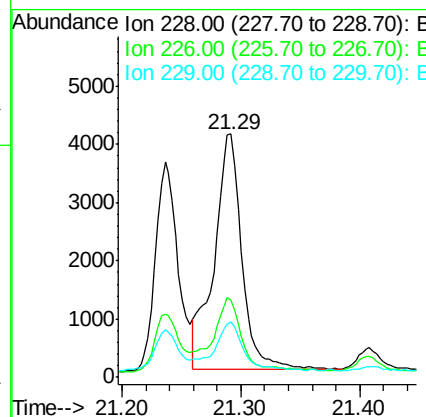
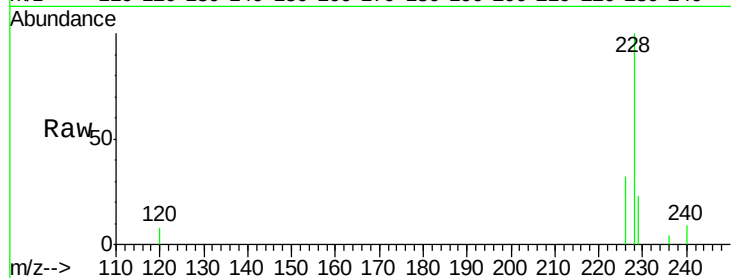
ClientSampleId :

A41Z8

Tgt Ion:	228	Resp:	6522
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	22.7	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.165 ng/ul m

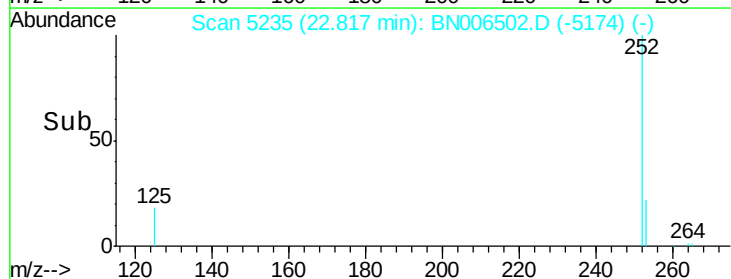
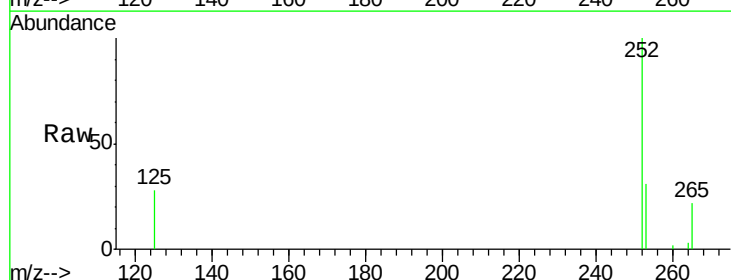
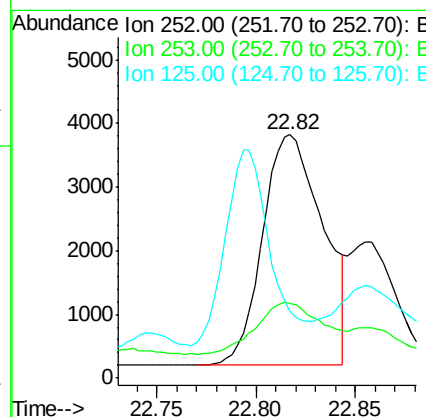
RT: 22.82 min Scan# 5235

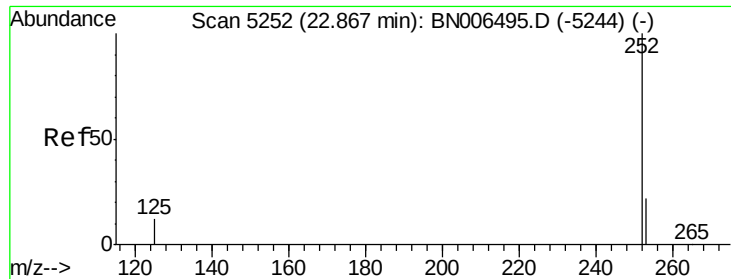
Delta R.T. -0.02 min

Lab File: BN006502.D

Acq: 22 Jun 2019 22:42

Tgt Ion:	252	Resp:	7640
Ion Ratio	Lower	Upper	
252	100		
253	30.7	0.0	51.4
125	27.6	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.076 ng/ul m

RT: 22.86 min Scan# 5248

Delta R.T. -0.03 min

Lab File: BN006502.D

Acq: 22 Jun 2019 22:42

Instrument :

BNA_N

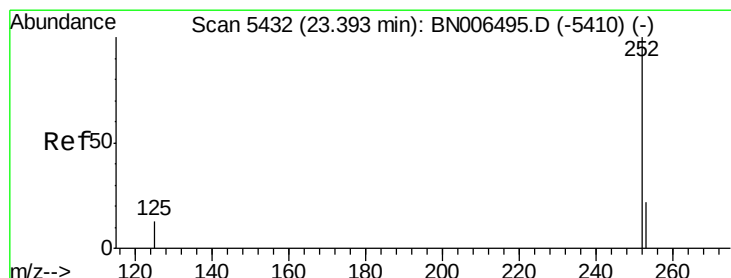
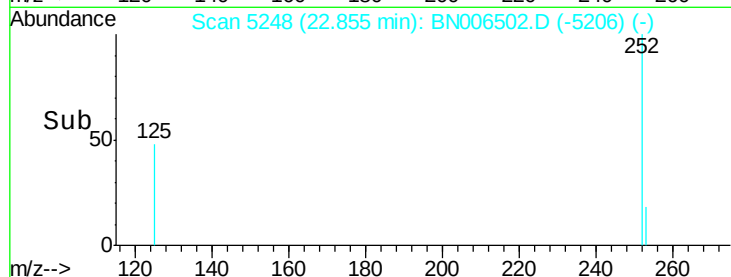
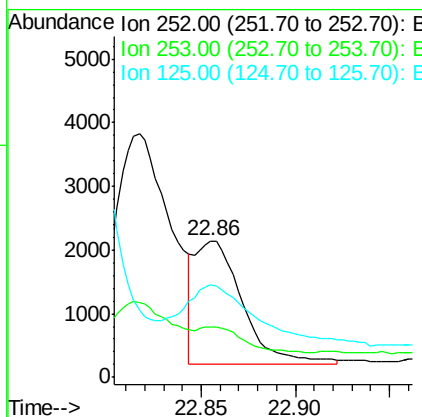
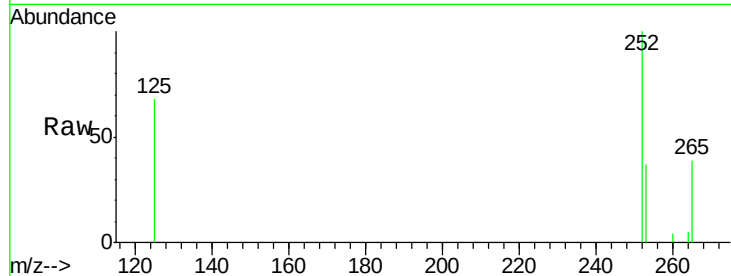
ClientSampled :

A41Z8

Tgt Ion:	252	Resp:	3435
Ion Ratio	Lower	Upper	
252	100		
253	36.7	20.3	30.5#
125	67.6	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 0.098 ng/ul

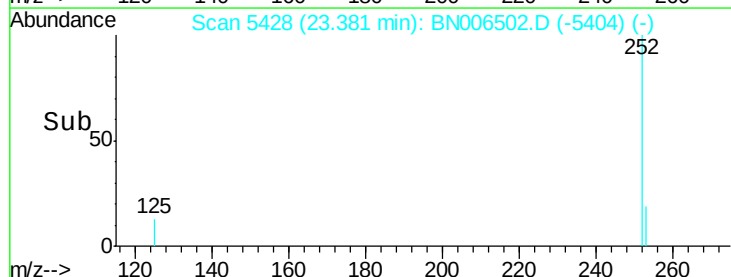
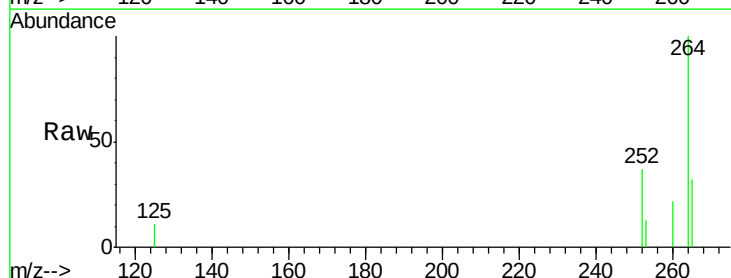
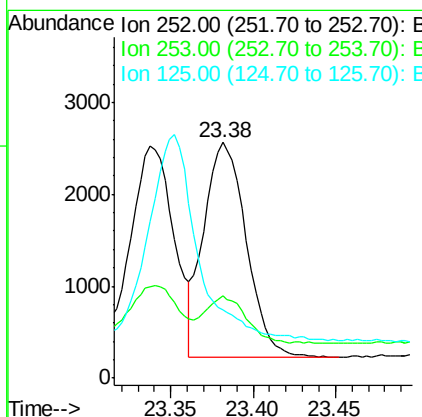
RT: 23.38 min Scan# 5428

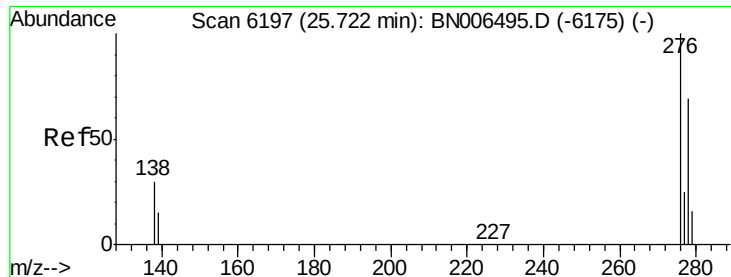
Delta R.T. -0.03 min

Lab File: BN006502.D

Acq: 22 Jun 2019 22:42

Tgt Ion:	252	Resp:	4218
Ion Ratio	Lower	Upper	
252	100		
253	34.8	21.1	31.7#
125	29.1	20.3	30.5





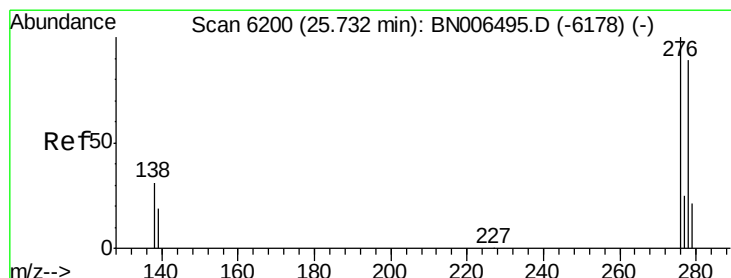
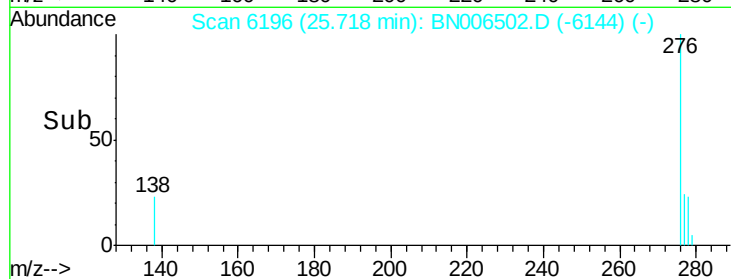
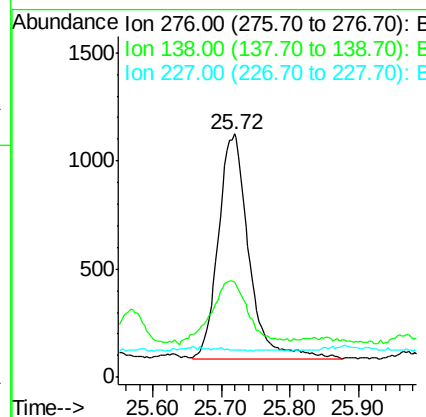
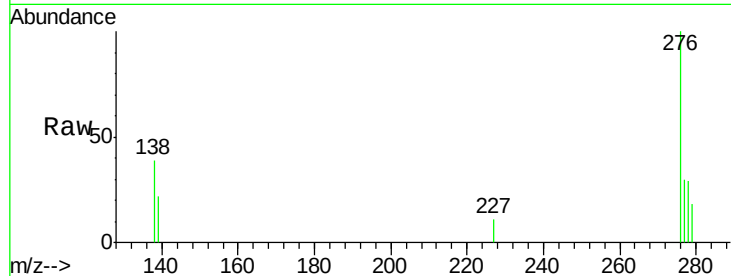
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.069 ng/ul
 RT: 25.72 min Scan# 6196
 Delta R.T. -0.03 min
 Lab File: BN006502.D
 Acq: 22 Jun 2019 22:42

Instrument :
 BNA_N
 ClientSampled :
 A41Z8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.1	25.6	38.4
227	0.1	0.3	0.5

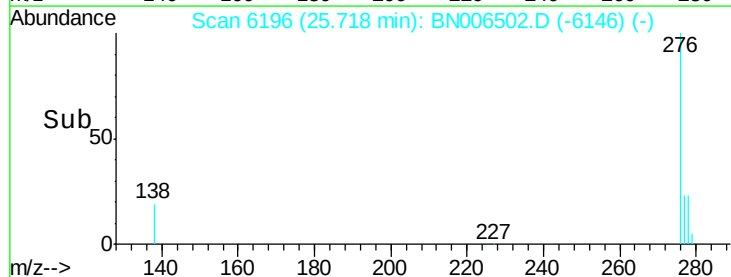
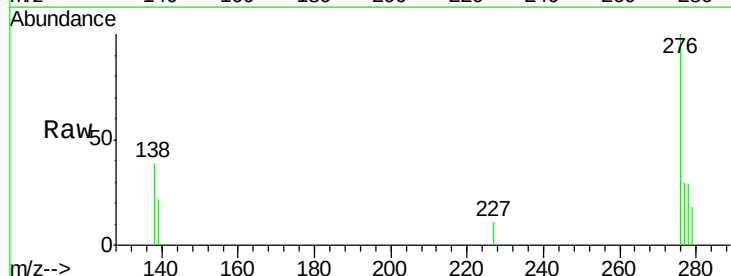
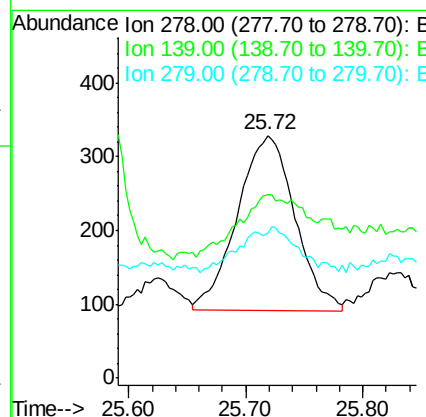
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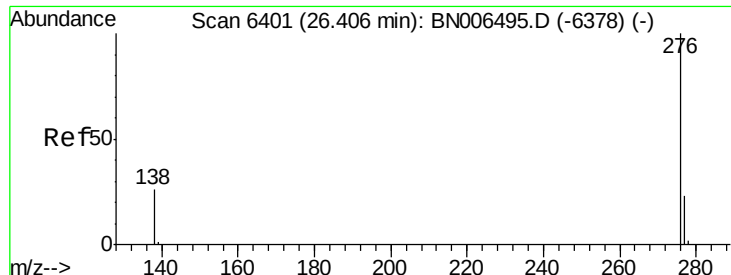
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.022 ng/ul
 RT: 25.72 min Scan# 6196
 Delta R.T. -0.03 min
 Lab File: BN006502.D
 Acq: 22 Jun 2019 22:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	75.7	21.2	31.8
279	59.9	22.6	33.8





#26

Benzo(g,h,i)perylene

Concen: 0.067 ng/ul

RT: 26.40 min Scan# 6399

Delta R.T. -0.03 min

Lab File: BN006502.D

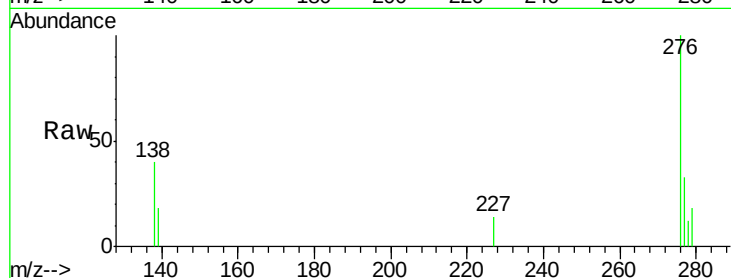
Acq: 22 Jun 2019 22:42

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion: 276 Resp: 2593

Ion Ratio Lower Upper

276 100

138 39.6 24.2 36.4#

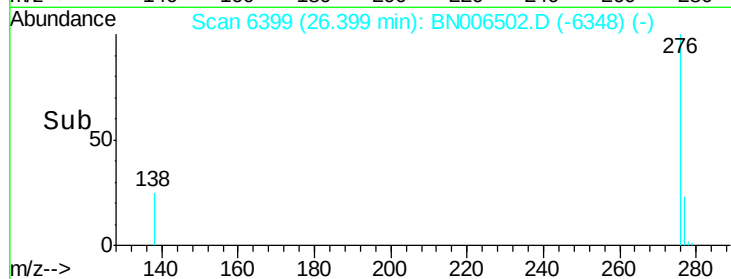
277 32.7 21.5 32.3#

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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

