

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
 Data File : BN006206.D
 Acq On : 09 Jun 2019 00:49
 Operator : JU/SJ
 Sample : K3017-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51E5

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:32:07 PM

Quant Time: Jun 10 02:35:42 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4739	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18113	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10130	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21009m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	16516m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	29165	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	10911	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	24462m	0.43	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1769	0.031	ng/ul#	71
12) Phenanthrene	17.09	178	7661m	0.114	ng/ul	
15) Fluoranthene	19.12	202	21929m	0.294	ng/ul	
17) Pyrene	19.49	202	20959	0.241	ng/ul#	93
18) Benzo(a)anthracene	21.24	228	6652m	0.091	ng/ul	
19) Chrysene	21.30	228	10598m	0.155	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	14903m	0.123	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	6084m	0.051	ng/ul	
23) Benzo(a)pyrene	23.39	252	9255	0.082	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.72	276	7766	0.063	ng/ul#	91
26) Benzo(g,h,i)perylene	26.41	276	8763	0.085	ng/ul#	71

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

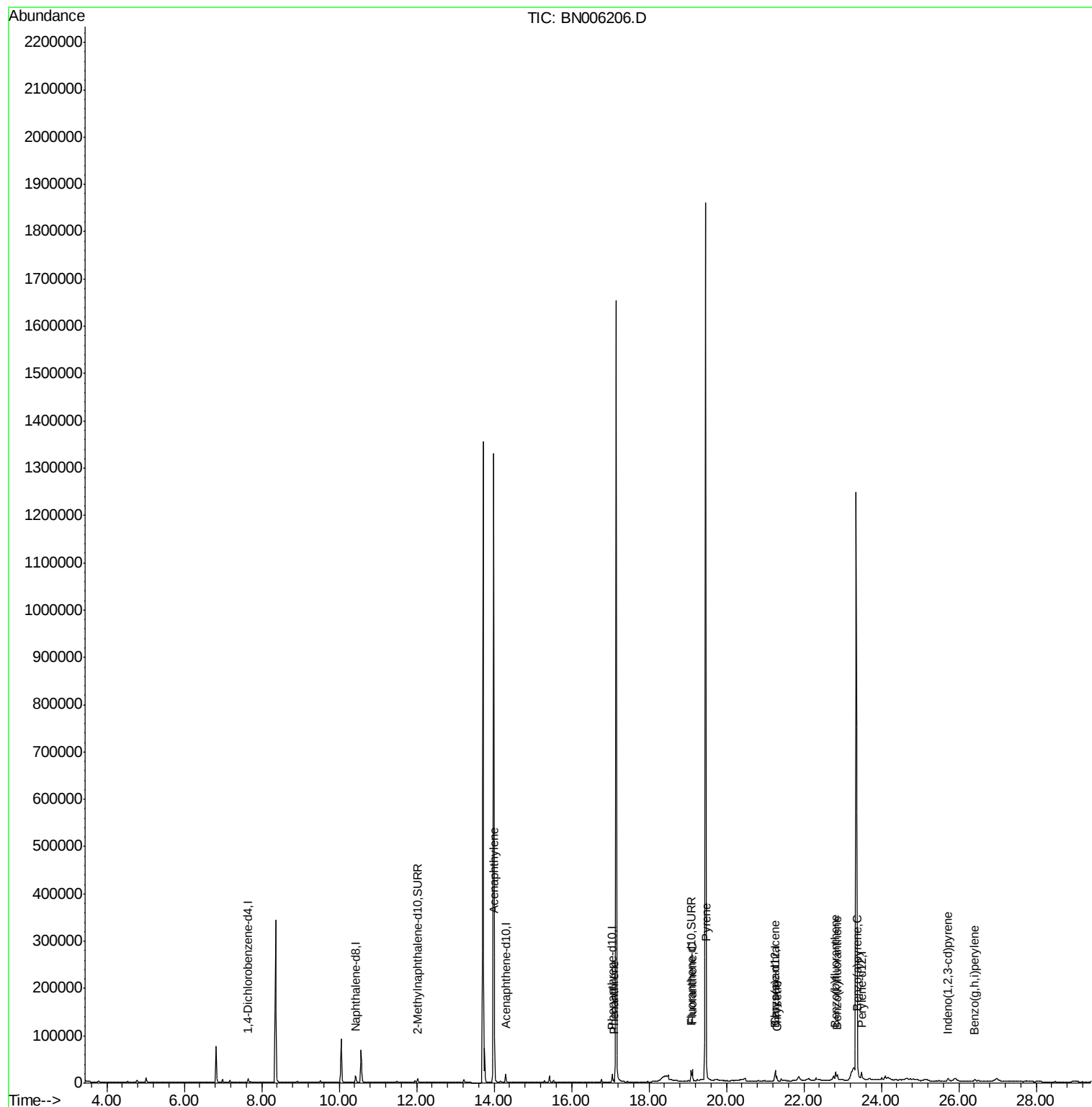
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006206.D
Acq On : 09 Jun 2019 00:49
Operator : JU/SJ
Sample : K3017-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

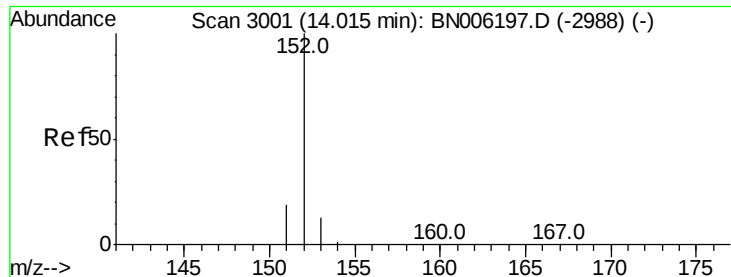
Instrument :
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QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006206.D

Acq: 09 Jun 2019 00:49

Instrument :

BNA_N

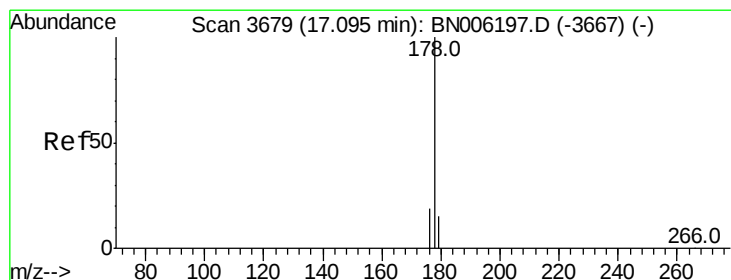
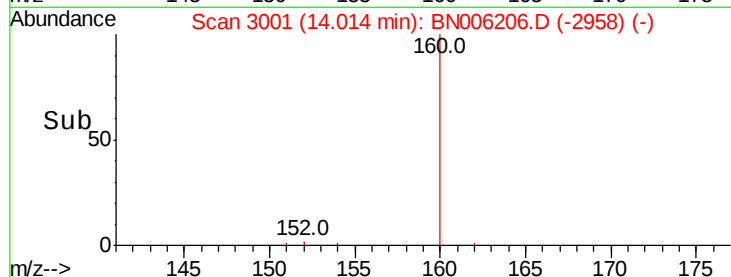
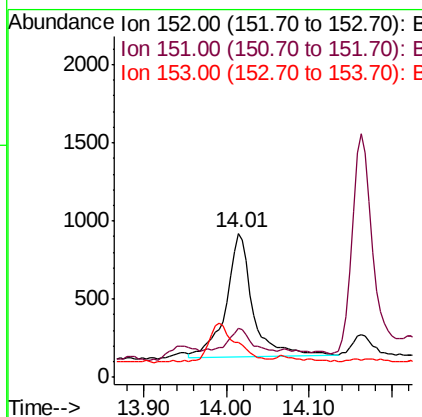
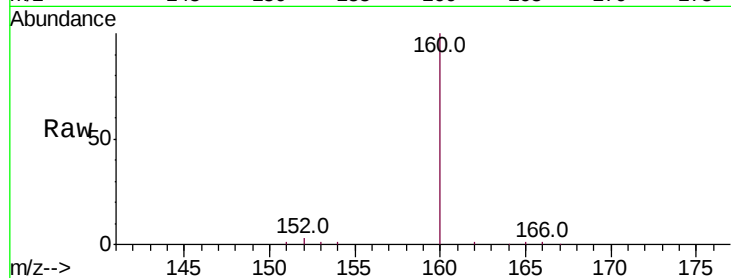
ClientSampleId :

A51E5

Tot Ion:	152	Resp:	1769
Ion Ratio	Lower	Upper	
152	100		
151	33.7	15.8	23.8#
153	23.9	10.8	16.2#

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#12

Phenanthrene

Concen: 0.114 ng/ul m

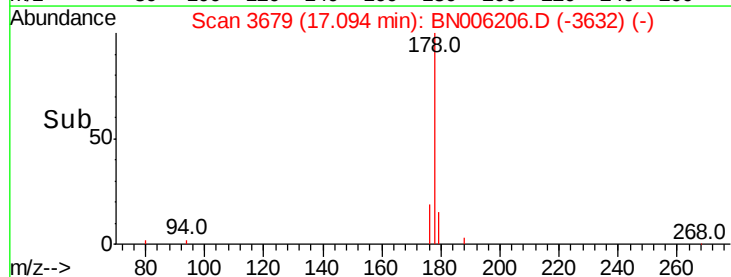
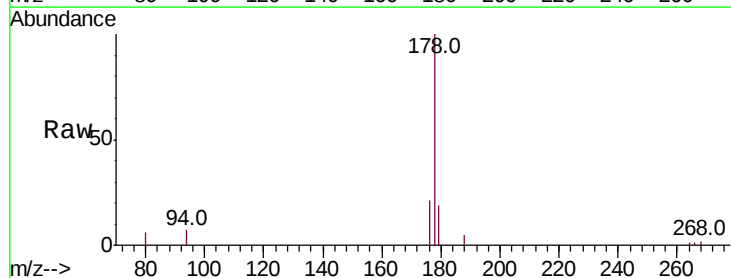
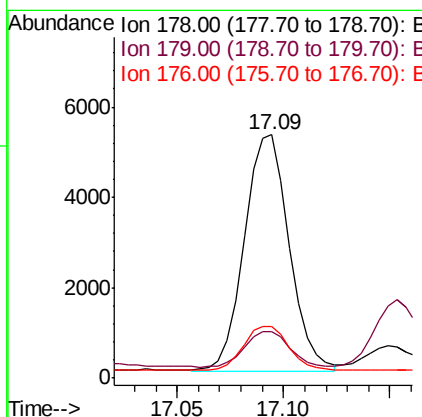
RT: 17.09 min Scan# 3679

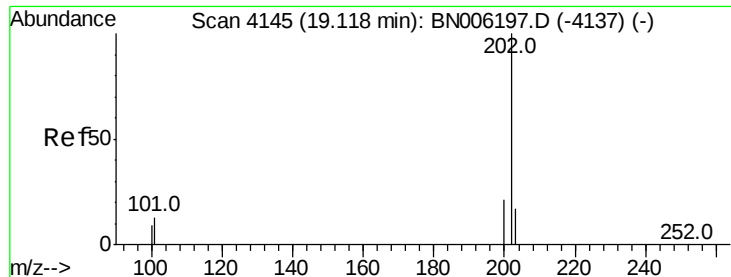
Delta R.T. -0.00 min

Lab File: BN006206.D

Acq: 09 Jun 2019 00:49

Tgt Ion:	178	Resp:	7661
Ion Ratio	Lower	Upper	
178	100		
179	19.1	12.3	18.5#
176	21.3	15.3	22.9





#15

Fluoranthene

Concen: 0.294 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006206.D

Acq: 09 Jun 2019 00:49

Instrument :

BNA_N

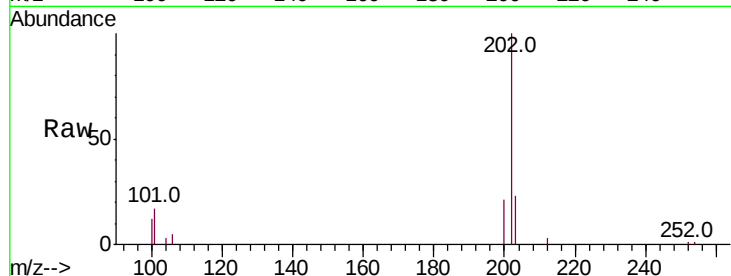
ClientSampleId :

A51E5

Tot Ion:	202	Resp:	21929
Ion Ratio	Lower	Upper	
202	100		
101	16.9	0.0	32.1
100	11.7	0.0	28.7

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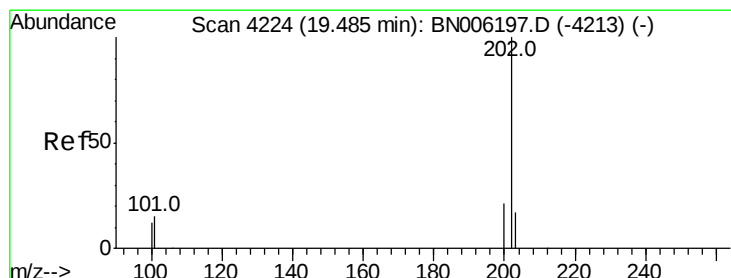
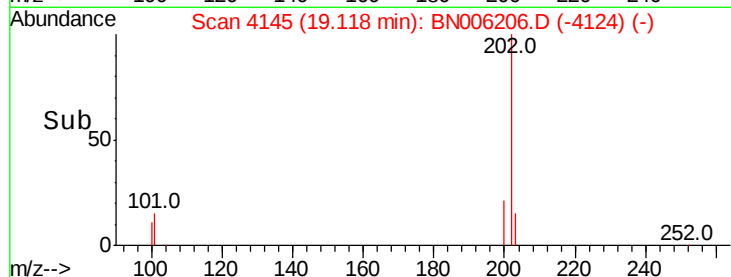
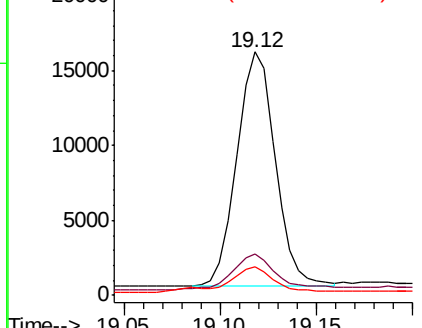
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.241 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006206.D

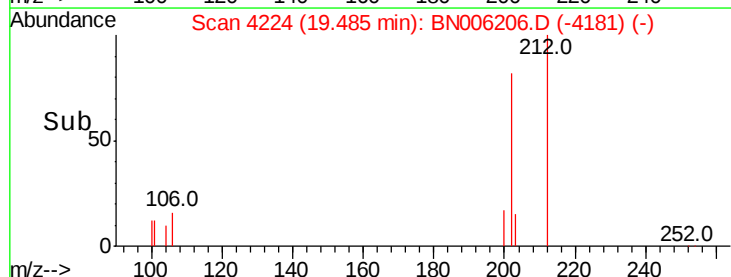
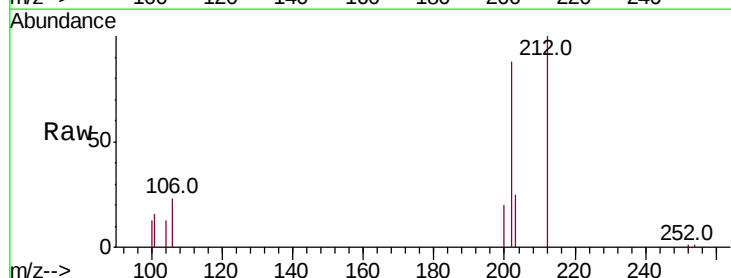
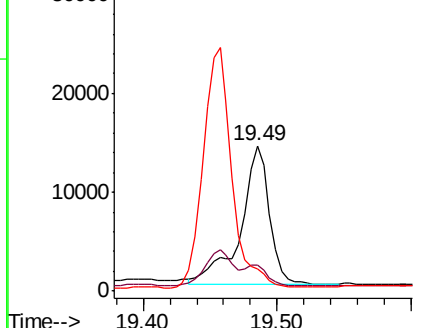
Acq: 09 Jun 2019 00:49

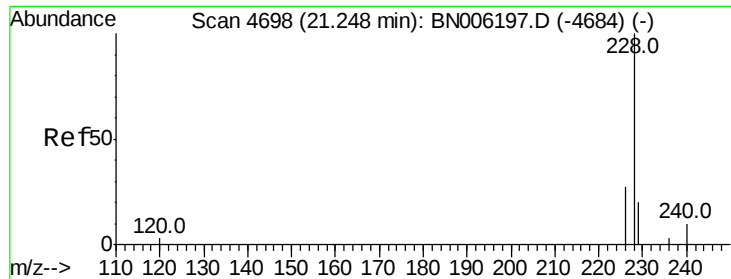
Tgt Ion:	202	Resp:	20959
Ion Ratio	Lower	Upper	
202	100		
101	17.9	12.2	18.2
100	15.1	9.8	14.6#

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





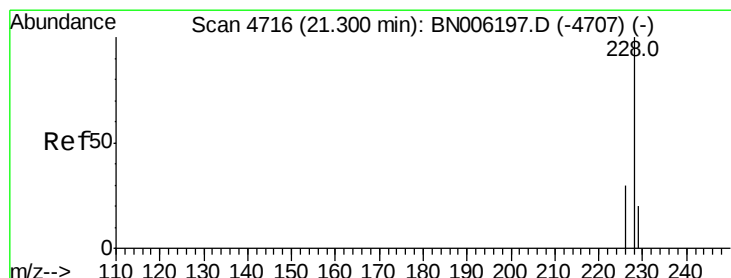
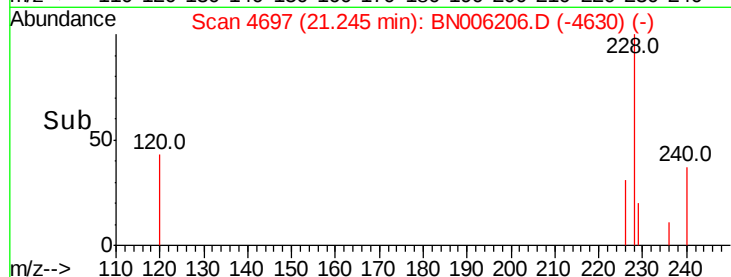
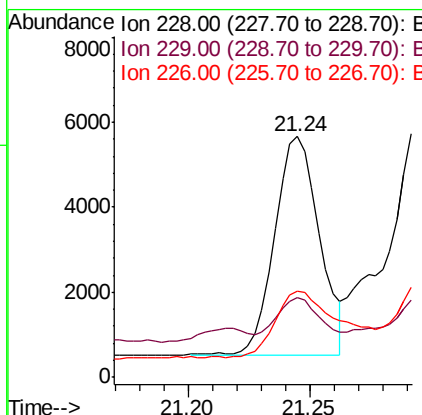
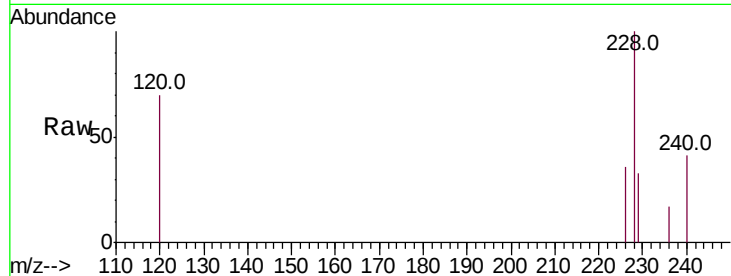
#18
Benzo(a)anthracene
Concen: 0.091 ng/ul m
RT: 21.24 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BN006206.D
Acq: 09 Jun 2019 00:49

Instrument :
BNA_N
ClientSampleId :
A51E5

Tot Ion	Ratio	Lower	Upper
228	100		
229	33.1	16.5	24.7#
226	35.9	22.8	34.2#

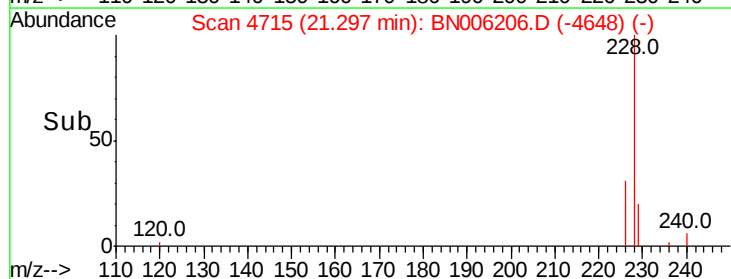
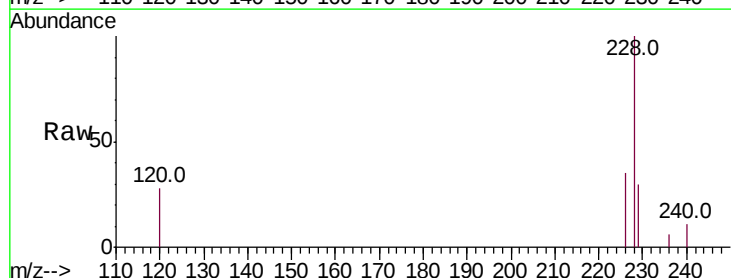
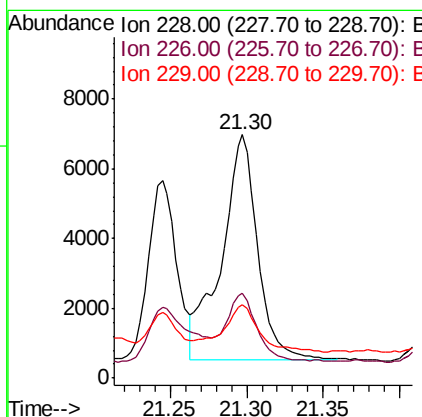
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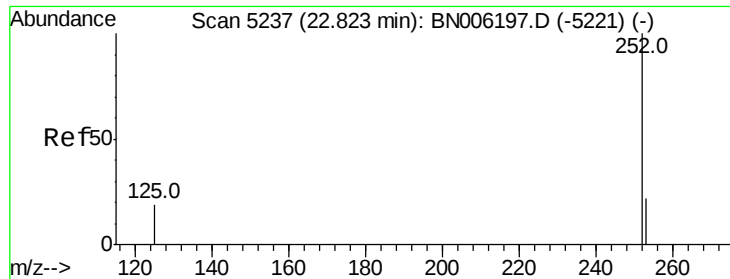
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#19
Chrysene
Concen: 0.155 ng/ul m
RT: 21.30 min Scan# 4715
Delta R.T. -0.00 min
Lab File: BN006206.D
Acq: 09 Jun 2019 00:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	25.0	37.6
229	30.3	16.3	24.5#





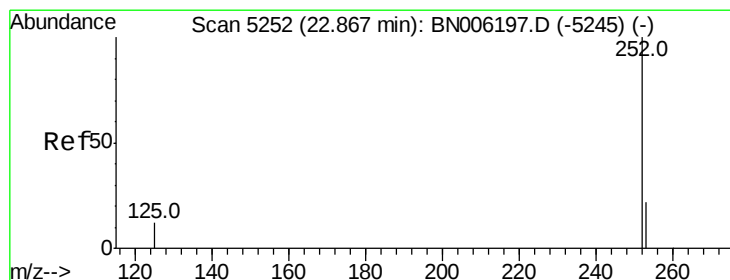
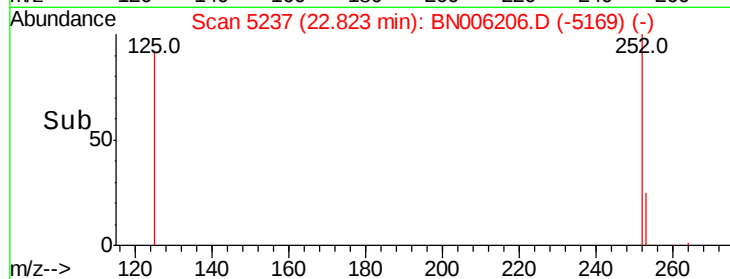
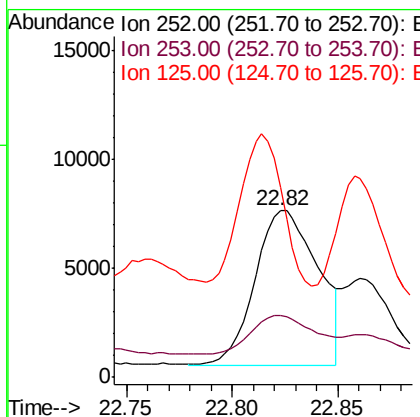
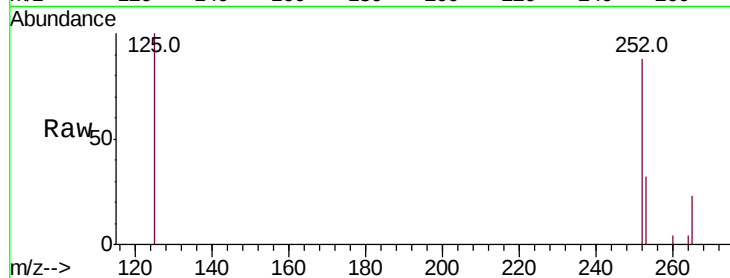
#21
Benzo(b)fluoranthene
Concen: 0.123 ng/ul m
RT: 22.82 min Scan# 5237
Delta R.T. -0.00 min
Lab File: BN006206.D
Acq: 09 Jun 2019 00:49

Instrument :
BNA_N
ClientSampleId :
A51E5

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.8	0.0	51.4
125	114.0	0.0	41.0#

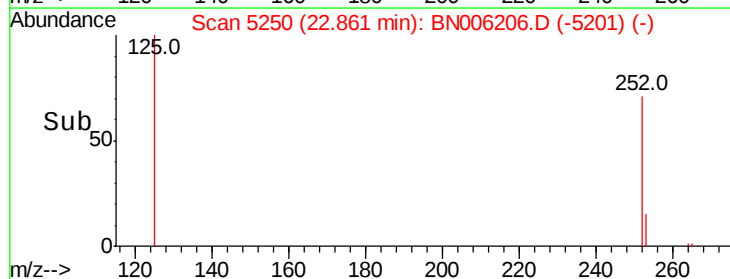
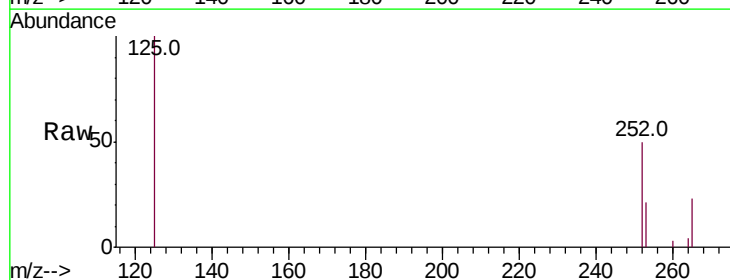
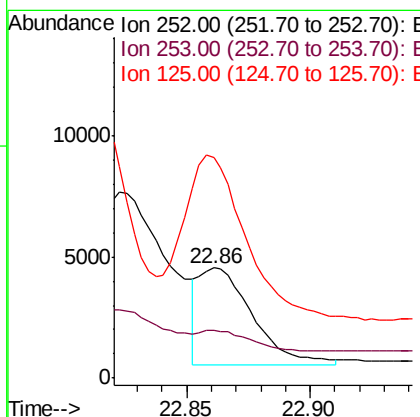
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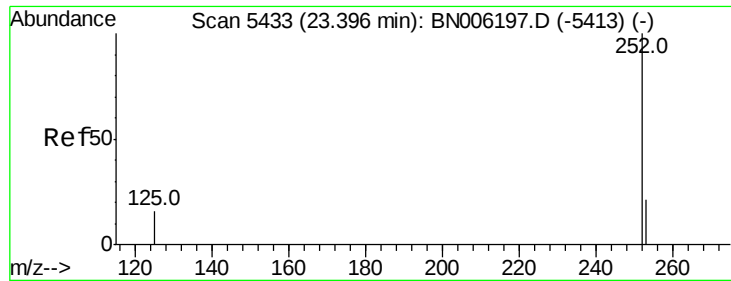
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#22
Benzo(k)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. -0.01 min
Lab File: BN006206.D
Acq: 09 Jun 2019 00:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.9	20.3	30.5#
125	201.1	14.3	21.5#





#23

Benzo(a)pyrene

Concen: 0.082 ng/u1

RT: 23.39 min Scan# 5432

Delta R.T. -0.00 min

Lab File: BN006206.D

Acq: 09 Jun 2019 00:49

Instrument :

BNA_N

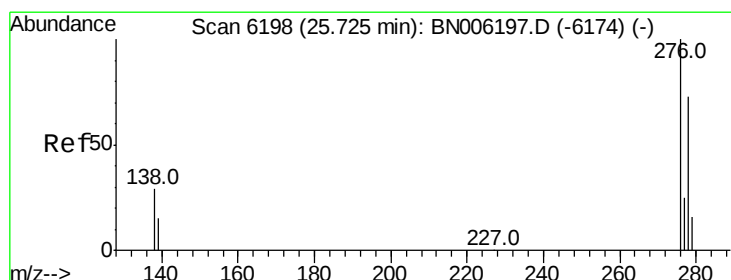
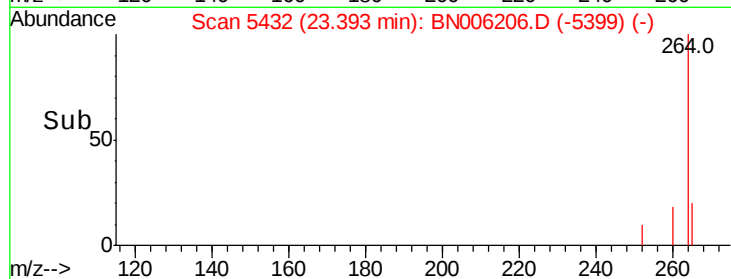
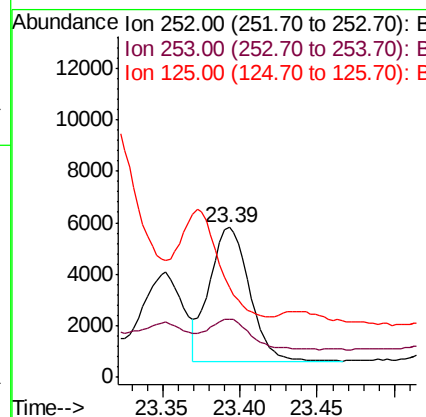
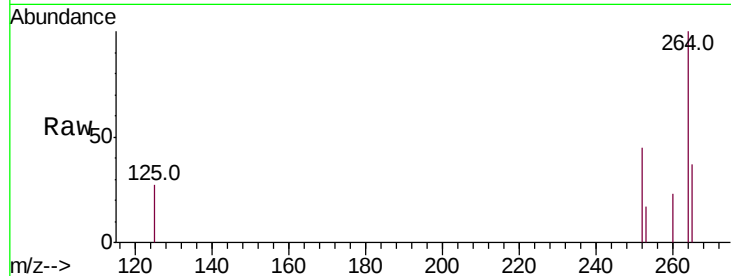
ClientSampleId :

A51E5

Tot Ion:	252	Resp:	9255
Ion Ratio	Lower	Upper	
252	100		
253	38.9	21.1	31.7#
125	59.9	20.3	30.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.063 ng/u1

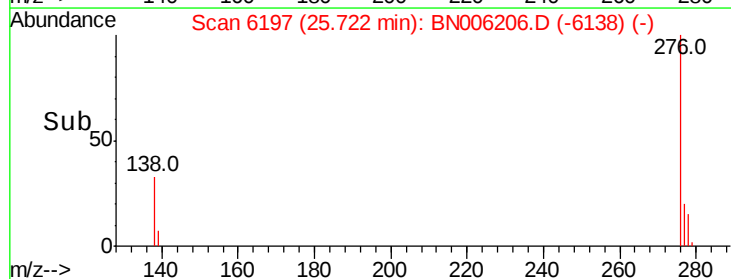
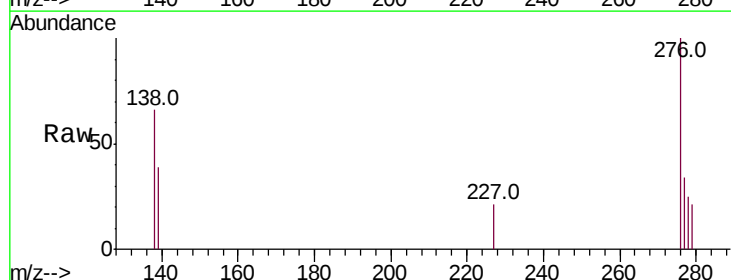
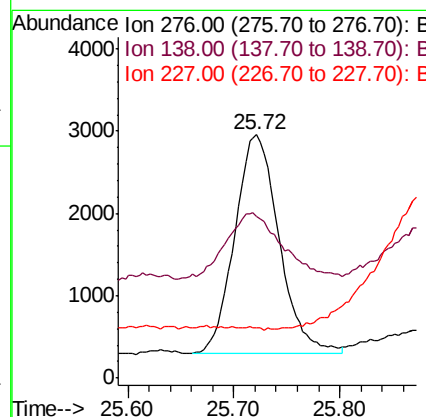
RT: 25.72 min Scan# 6197

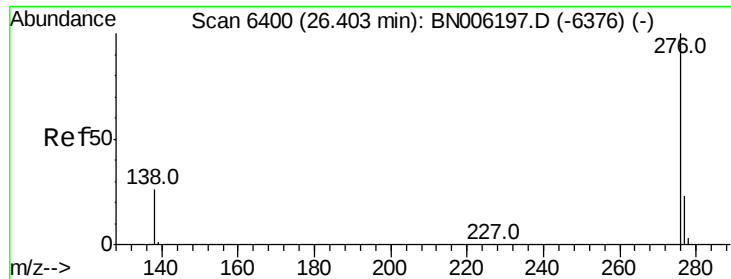
Delta R.T. -0.00 min

Lab File: BN006206.D

Acq: 09 Jun 2019 00:49

Tgt Ion:	276	Resp:	7766
Ion Ratio	Lower	Upper	
276	100		
138	36.9	25.6	38.4
227	0.0	0.3	0.5#





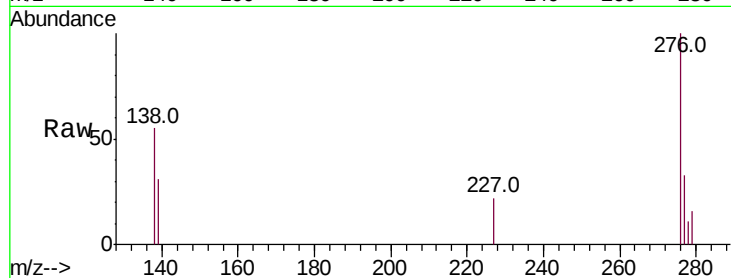
#26
 Benzo(a,h,i)perylene
 Concen: 0.085 ng/ul
 RT: 26.41 min Scan# 6401
 Delta R.T. 0.00 min
 Lab File: BN006206.D
 Acq: 09 Jun 2019 00:49

Instrument :
 BNA_N
 ClientSampleId :
 A51E5

Tot Ion	Ratio	Lower	Upper
276	100		
138	55.0	24.2	36.4#
277	32.7	21.5	32.3#

Manual Integrations
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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

