

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
 Data File : BN006191.D
 Acq On : 08 Jun 2019 15:04
 Operator : JU/SJ
 Sample : K3016-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C5

Manual Integrations
 APPROVED

mohammad
 6/11/2019 4:30:42 PM

Quant Time: Jun 08 16:20:46 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4210	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15818	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8210	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16751	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	13461	0.40	ng/ul	0.01
20) Perylene-d12	23.51	264	19984	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3302	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6911	0.15	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.02	152	1809	0.040	ng/ul#	88
12) Phenanthrene	17.09	178	3546	0.066	ng/ul	94
15) Fluoranthene	19.12	202	8637	0.145	ng/ul	93
17) Pyrene	19.49	202	8971	0.127	ng/ul	96
18) Benzo(a)anthracene	21.26	228	4177	0.070	ng/ul#	88
19) Chrysene	21.31	228	4718	0.084	ng/ul#	92
21) Benzo(b)fluoranthene	22.85	252	6298m	0.076	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	2965m	0.037	ng/ul	
23) Benzo(a)pyrene	23.42	252	3910	0.050	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.75	276	3008	0.036	ng/ul#	84
26) Benzo(g,h,i)perylene	26.43	276	2471	0.035	ng/ul#	79

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

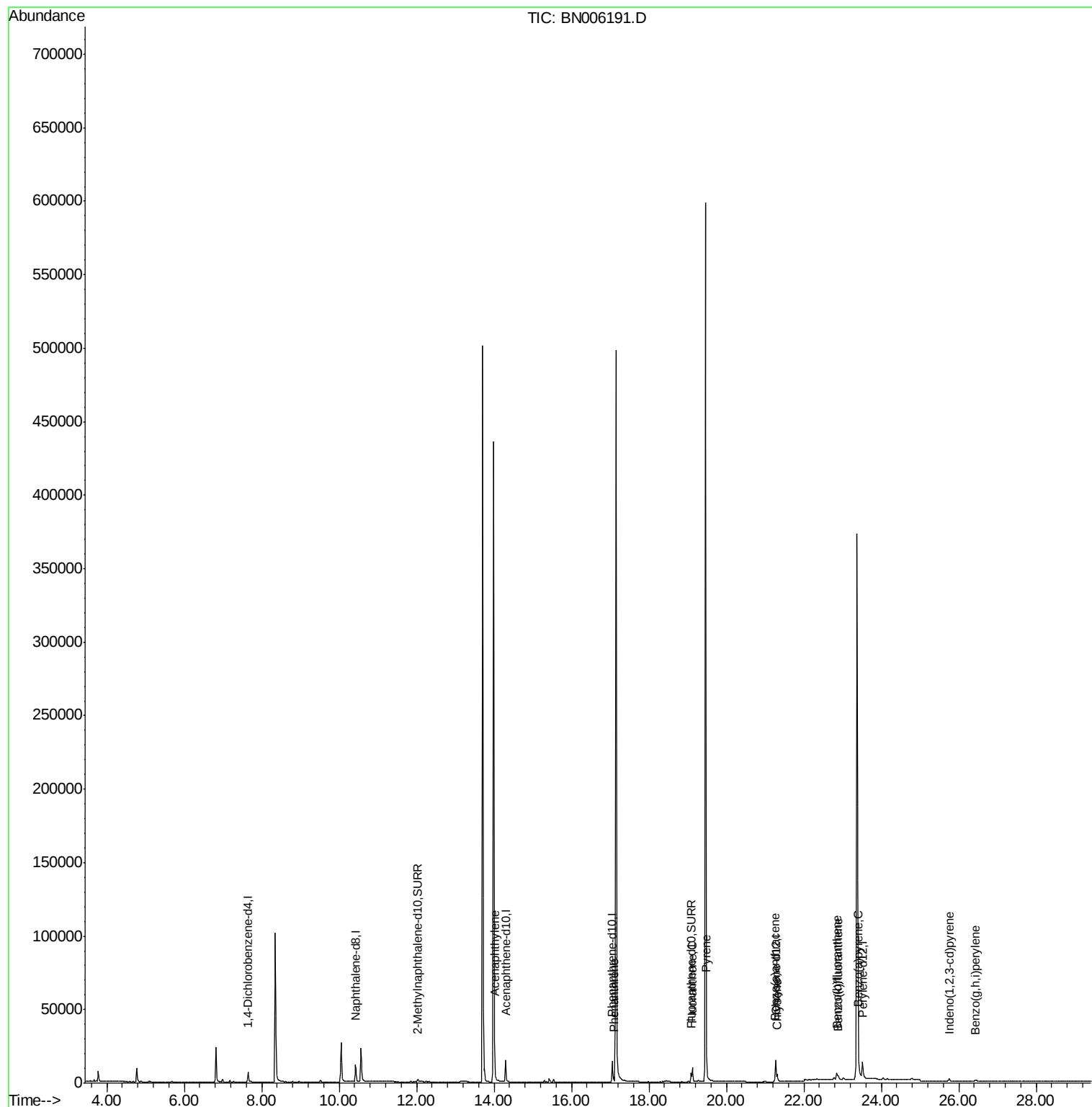
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006191.D
Acq On : 08 Jun 2019 15:04
Operator : JU/SJ
Sample : K3016-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

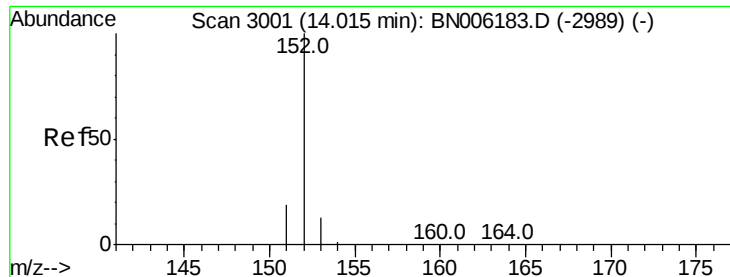
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QLast Update : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006191.D

Acq: 08 Jun 2019 15:04

Instrument :

BNA_N

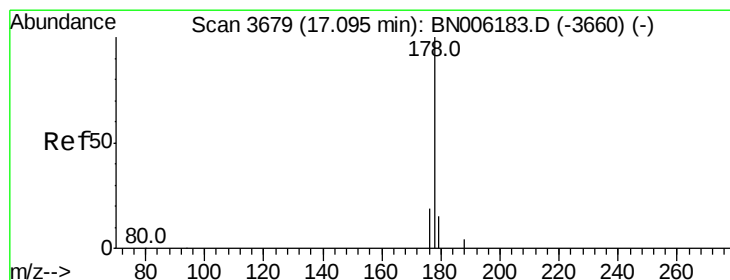
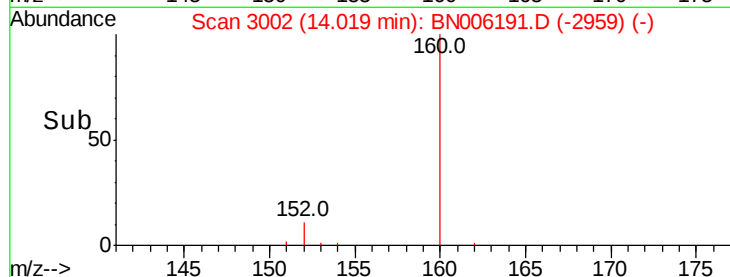
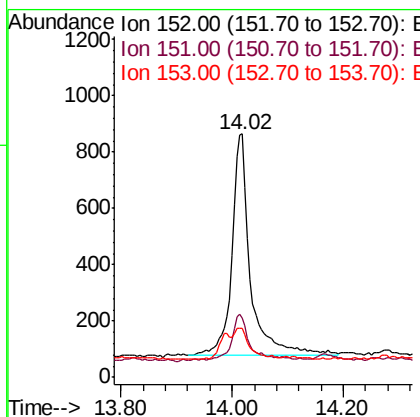
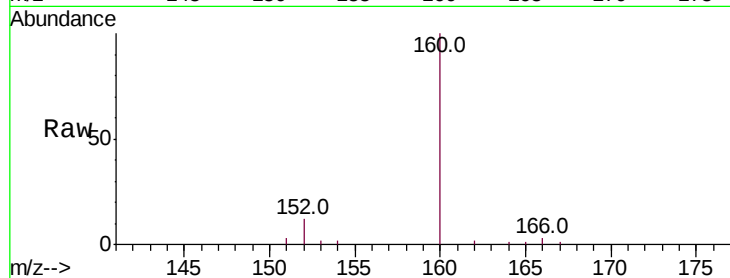
ClientSampleId :

A51C5

Tot Ion:	152	Resp:	1809
Ion Ratio	Lower	Upper	
152	100		
151	24.3	15.8	23.8#
153	20.0	10.8	16.2#

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#12

Phenanthrene

Concen: 0.066 ng/ul

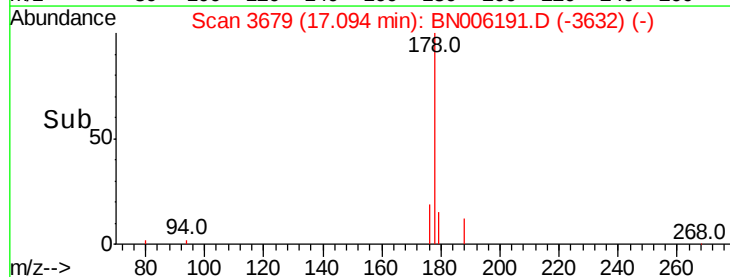
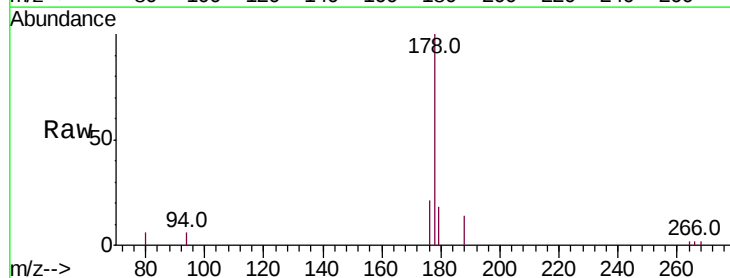
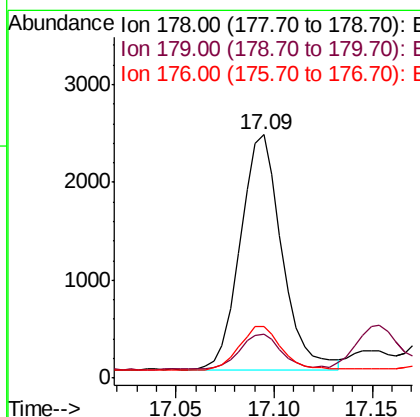
RT: 17.09 min Scan# 3679

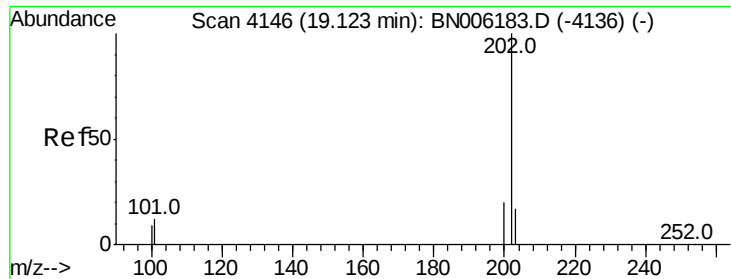
Delta R.T. -0.00 min

Lab File: BN006191.D

Acq: 08 Jun 2019 15:04

Tgt Ion:	178	Resp:	3546
Ion Ratio	Lower	Upper	
178	100		
179	18.1	12.3	18.5
176	21.4	15.3	22.9





#15

Fluoranthene

Concen: 0.145 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN006191.D

Acq: 08 Jun 2019 15:04

Instrument :

BNA_N

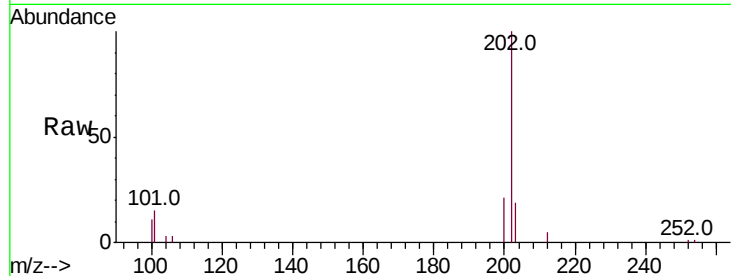
ClientSampleId :

A51C5

Tot Ion:	202	Resp:	8637
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	32.1
100	11.3	0.0	28.7

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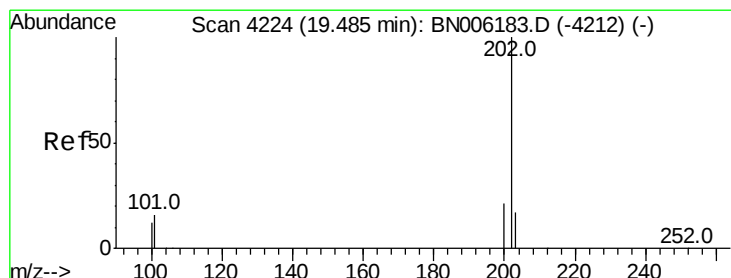
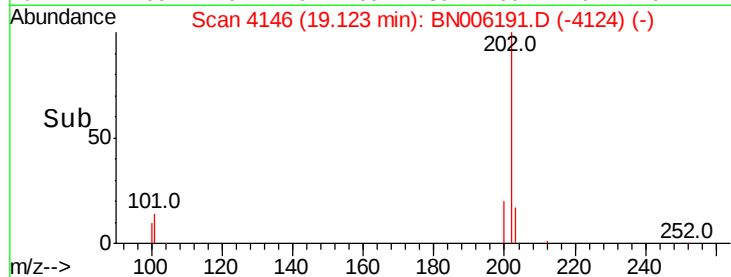
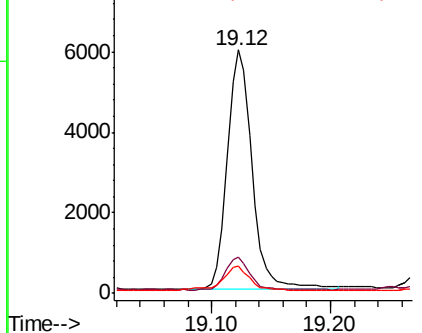
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.127 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN006191.D

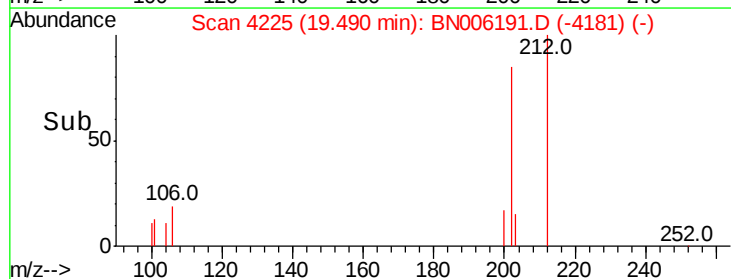
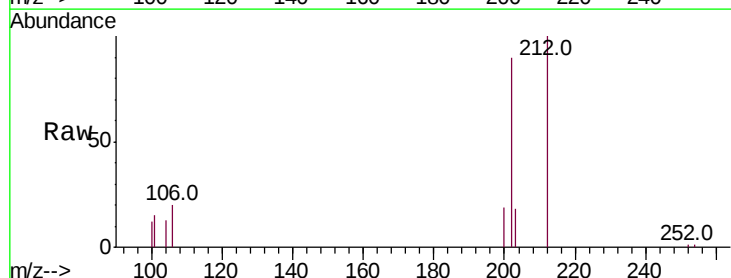
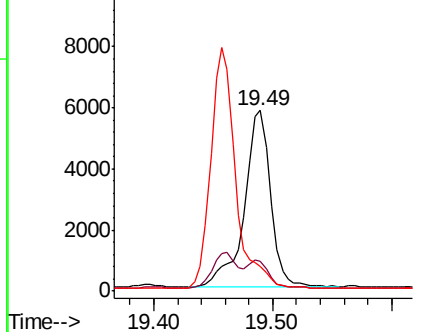
Acq: 08 Jun 2019 15:04

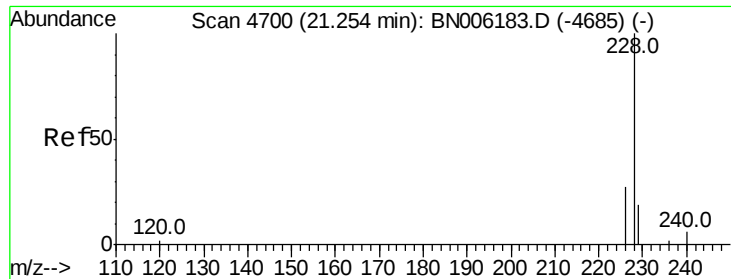
Tgt Ion:	202	Resp:	8971
Ion Ratio	Lower	Upper	
202	100		
101	16.6	12.2	18.2
100	13.9	9.8	14.6

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





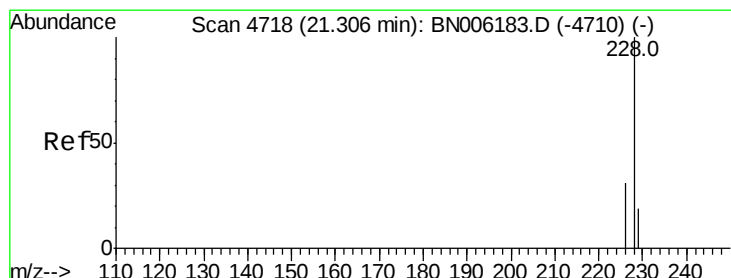
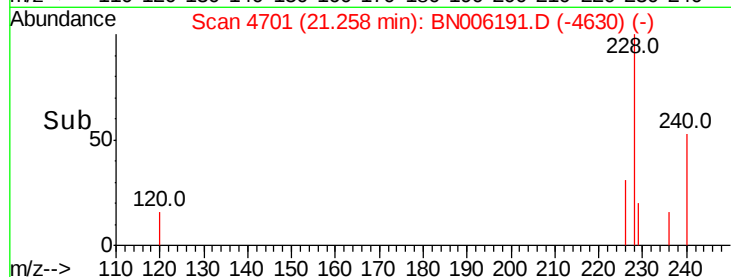
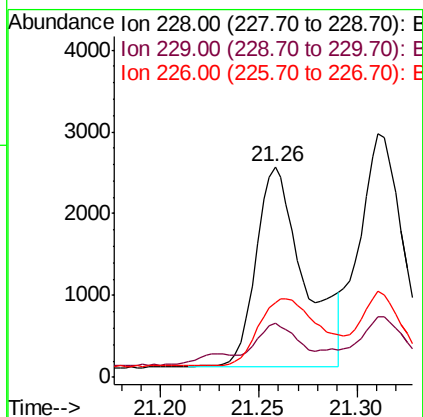
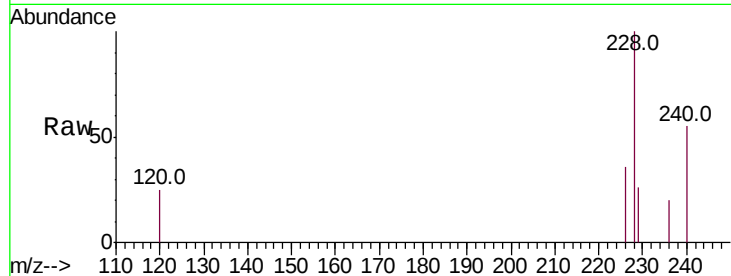
#18
Benzo(a)anthracene
Concen: 0.070 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.01 min
Lab File: BN006191.D
Acq: 08 Jun 2019 15:04

Instrument :
BNA_N
ClientSampleId :
A51C5

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.7	16.5	24.7#
226	35.6	22.8	34.2#

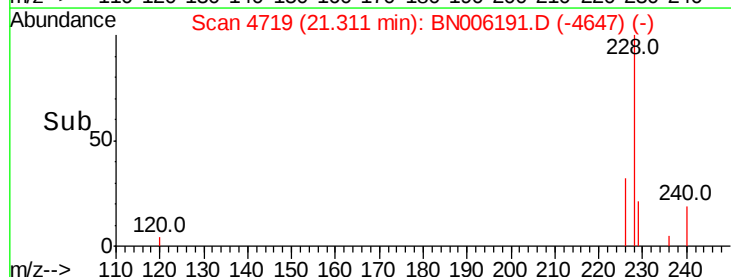
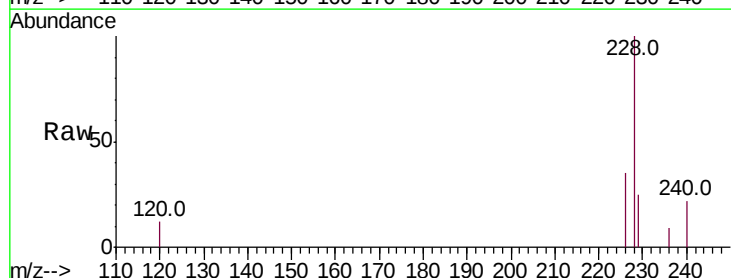
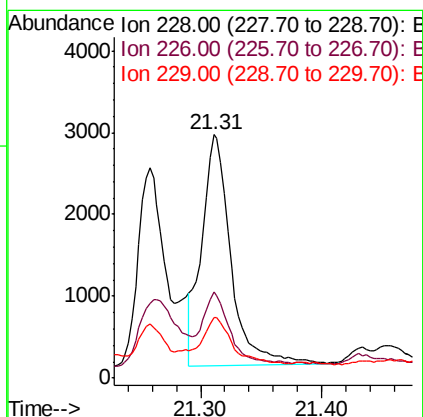
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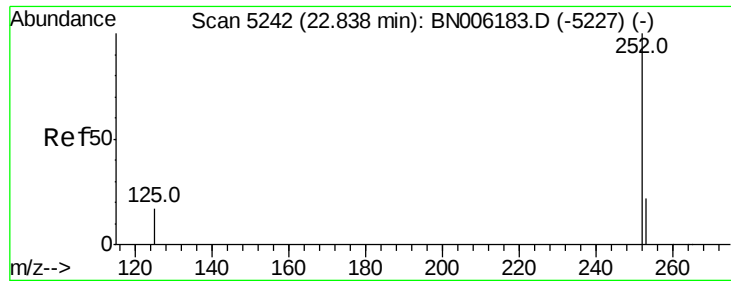
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#19
Chrysene
Concen: 0.084 ng/ul
RT: 21.31 min Scan# 4719
Delta R.T. 0.01 min
Lab File: BN006191.D
Acq: 08 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	25.0	37.6
229	24.9	16.3	24.5#





#21

Benzo(b)fluoranthene

Concen: 0.076 ng/ul m

RT: 22.85 min Scan# 5246

Delta R.T. 0.02 min

Lab File: BN006191.D

Acq: 08 Jun 2019 15:04

Instrument :

BNA_N

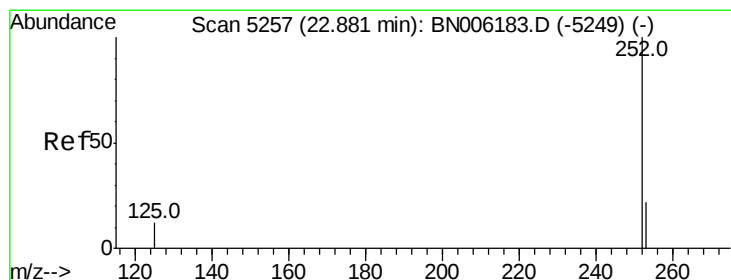
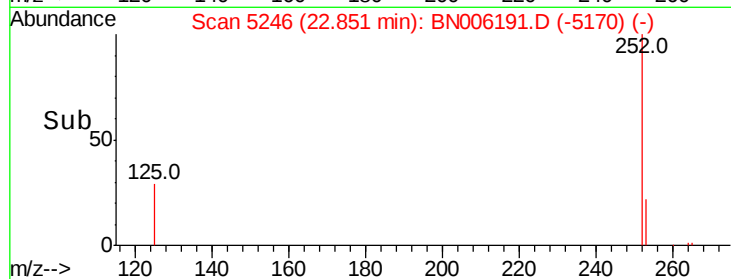
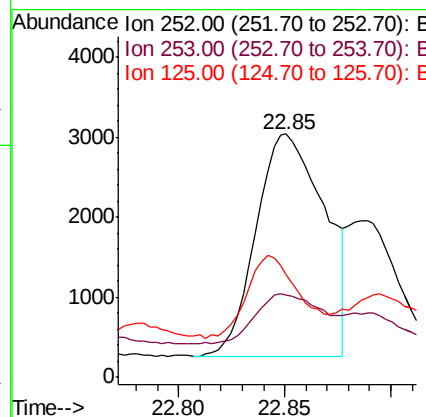
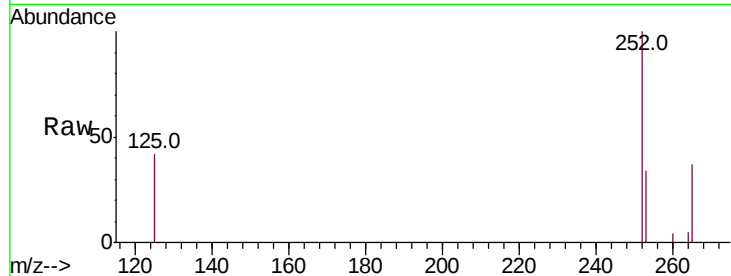
ClientSampleId :

A51C5

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.9	0.0	51.4
125	42.2	0.0	41.0

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#22

Benzo(k)fluoranthene

Concen: 0.037 ng/ul m

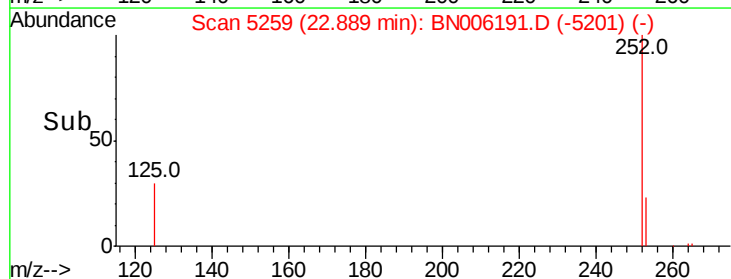
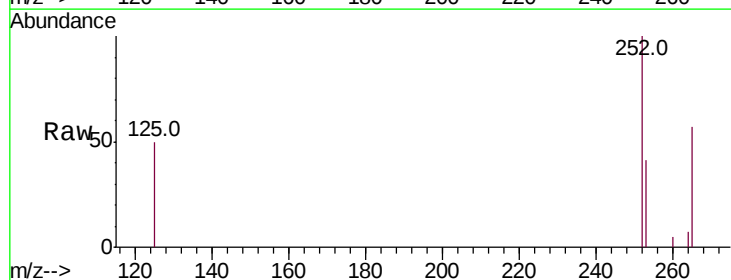
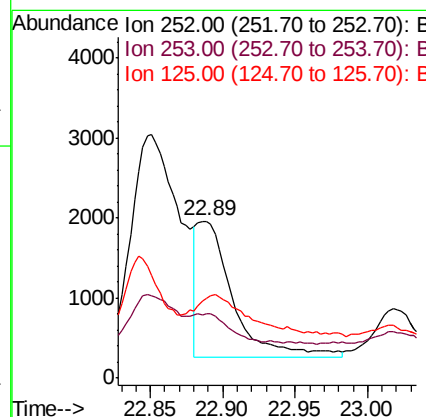
RT: 22.89 min Scan# 5259

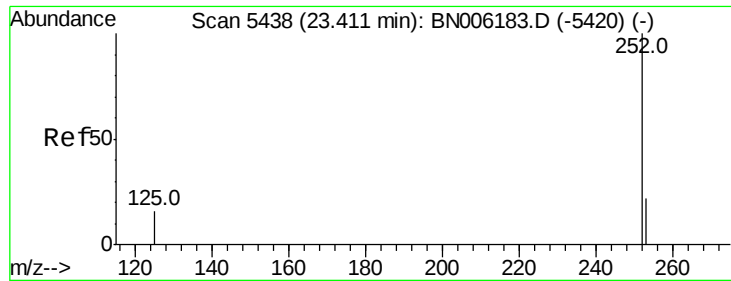
Delta R.T. 0.02 min

Lab File: BN006191.D

Acq: 08 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.3	20.3	30.5
125	50.4	14.3	21.5





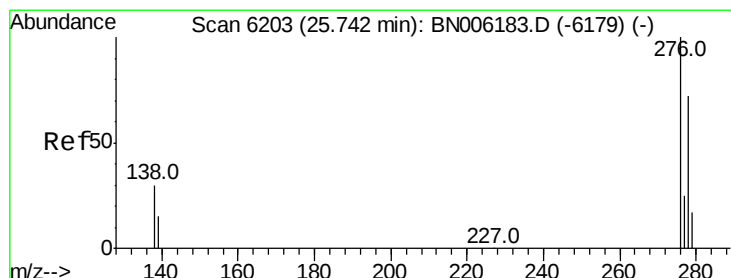
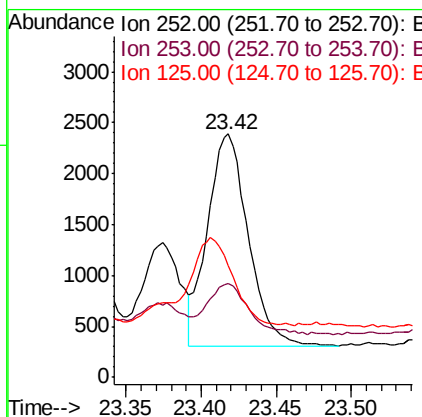
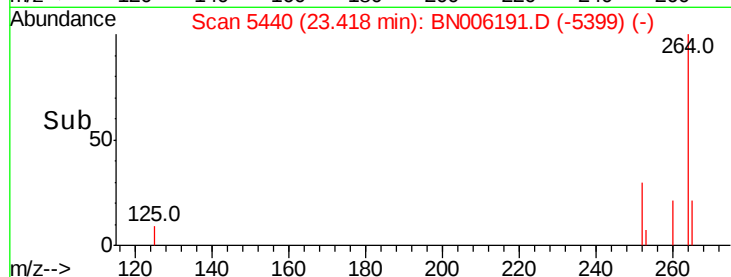
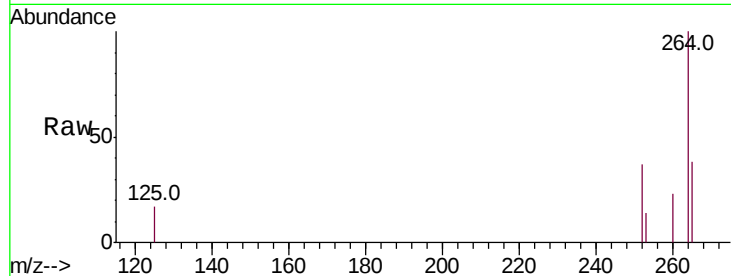
#23
Benzo(a)pyrene
Concen: 0.050 ng/u1
RT: 23.42 min Scan# 5440
Delta R.T. 0.02 min
Lab File: BN006191.D
Acq: 08 Jun 2019 15:04

Instrument :
BNA_N
ClientSampleId :
A51C5

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.7	21.1	31.7#
125	46.0	20.3	30.5#

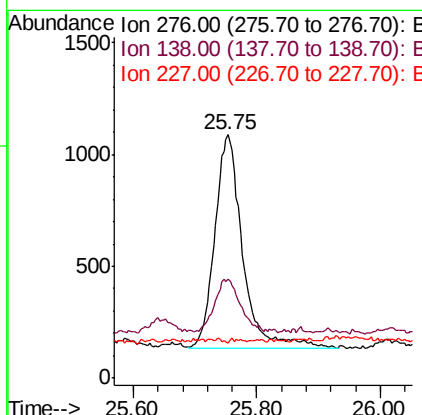
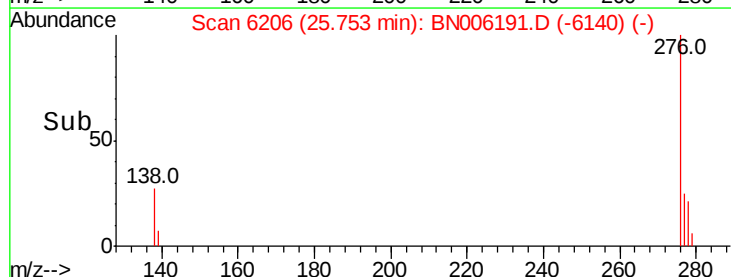
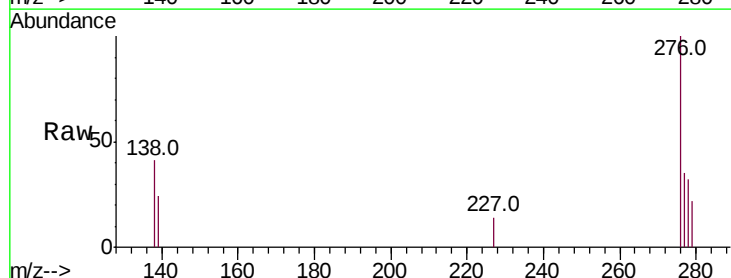
Manual Integrations
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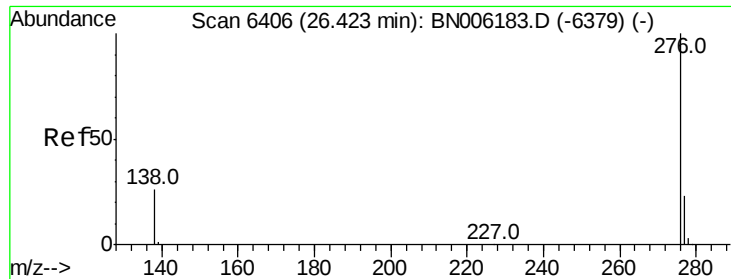
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/u1
RT: 25.75 min Scan# 6206
Delta R.T. 0.02 min
Lab File: BN006191.D
Acq: 08 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	25.6	38.4#
227	1.0	0.3	0.5#





#26

Benzo(a,h,i)perylene

Concen: 0.035 ng/ul

RT: 26.43 min Scan# 6409

Delta R.T. 0.03 min

Lab File: BN006191.D

Acq: 08 Jun 2019 15:04

Instrument :

BNA_N

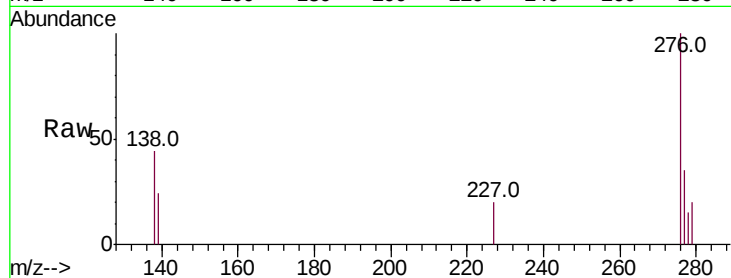
ClientSampleId :

A51C5

Tot Ion:	276	Resp:	2471
Ion Ratio	Lower	Upper	
276	100		
138	44.1	24.2	36.4#
277	34.9	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

