

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
 Data File : BN006208.D
 Acq On : 09 Jun 2019 01:58
 Operator : JU/SJ
 Sample : K3017-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51E0

Manual Integrations
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Quant Time: Jun 09 06:22:28 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	7.64	152	4878	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18724	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9788	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21064m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	17824m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	16819m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4298	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9622m	0.17	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1259	0.023	ng/ul#	76
12) Phenanthrene	17.09	178	2773m	0.041	ng/ul	
15) Fluoranthene	19.12	202	6113m	0.082	ng/ul	
17) Pyrene	19.49	202	6279	0.067	ng/ul#	92
18) Benzo(a)anthracene	21.24	228	2243m	0.028	ng/ul	
19) Chrysene	21.29	228	3524m	0.048	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	4430m	0.063	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	2168m	0.032	ng/ul	
23) Benzo(a)pyrene	23.39	252	2385	0.037	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	25.71	276	1967	0.028	ng/ul#	61
26) Benzo(g,h,i)perylene	26.41	276	1291	0.022	ng/ul#	34

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

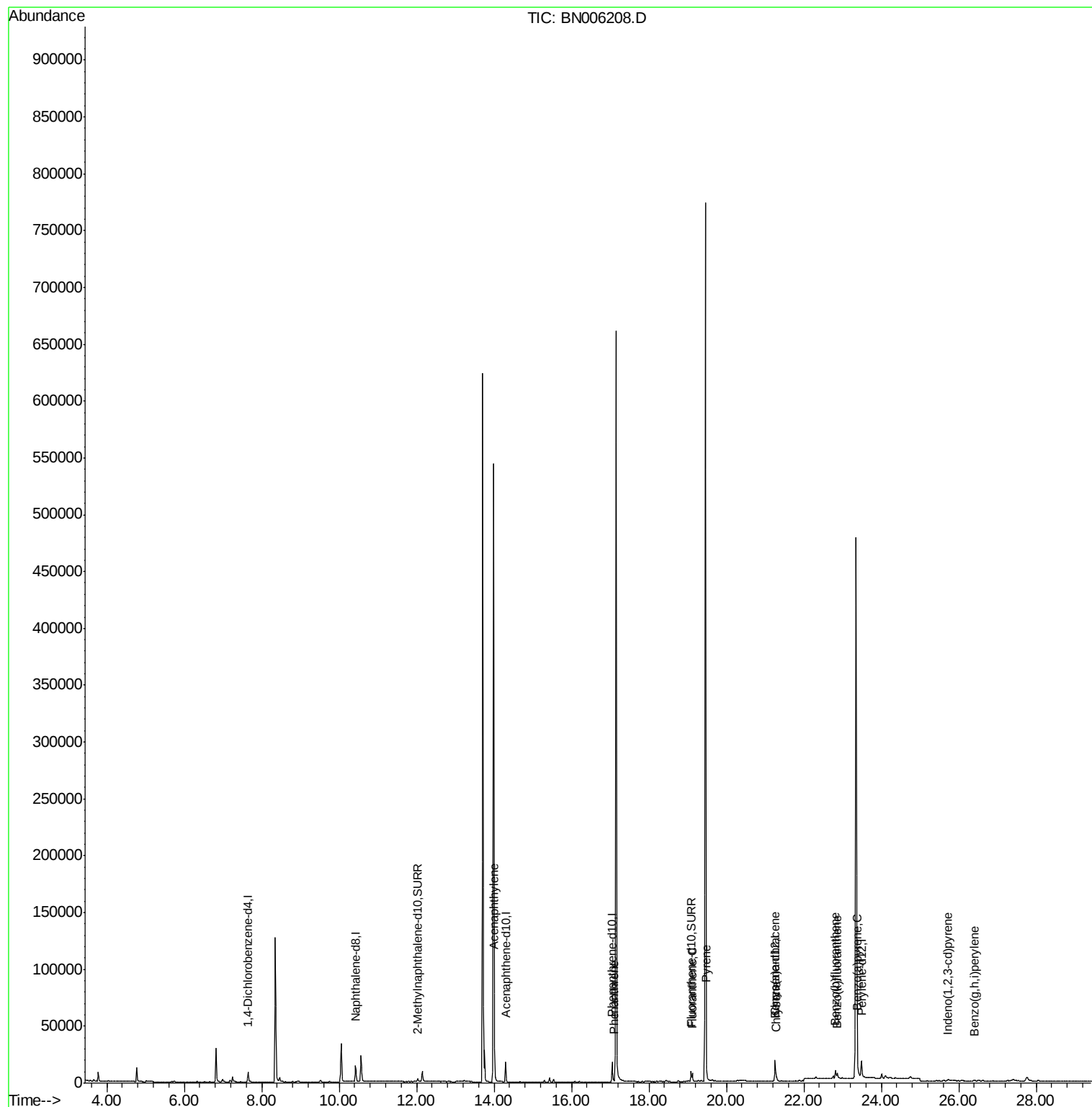
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006208.D
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Misc :
ALS Vial : 26 Sample Multiplier: 1

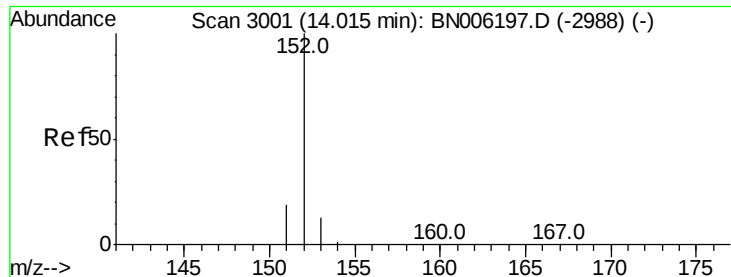
Instrument :
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#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006208.D

Acq: 09 Jun 2019 01:58

Instrument :

BNA_N

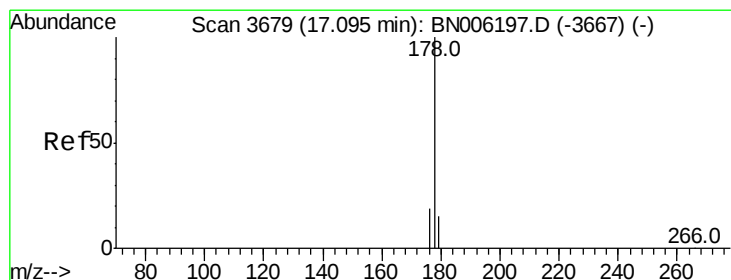
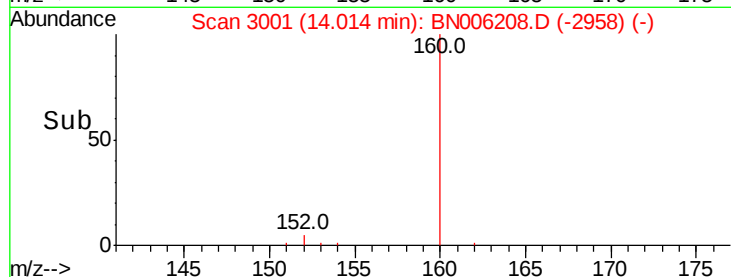
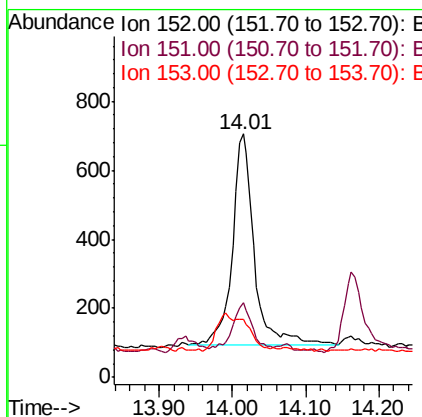
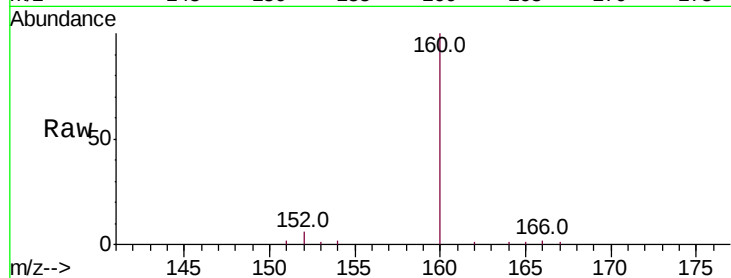
ClientSampleId :

A51E0

Tot Ion:	152	Resp:	1259
Ion Ratio	Lower	Upper	
152	100		
151	30.5	15.8	23.8#
153	23.9	10.8	16.2#

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#12

Phenanthrene

Concen: 0.041 ng/ul m

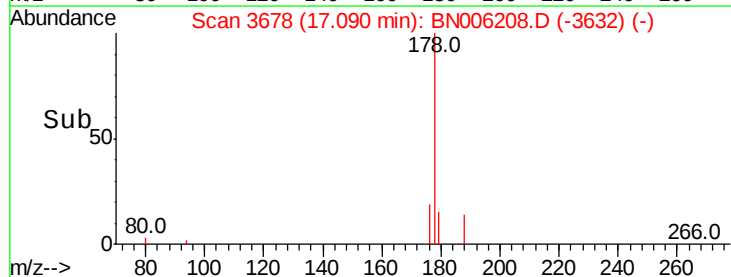
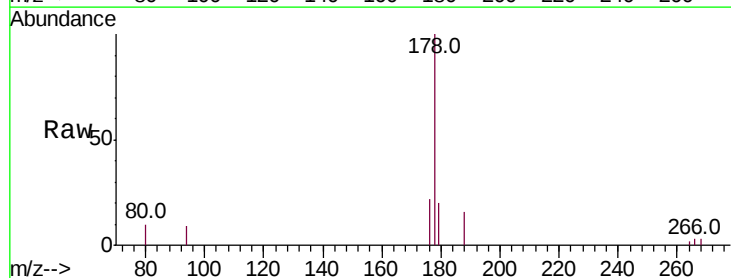
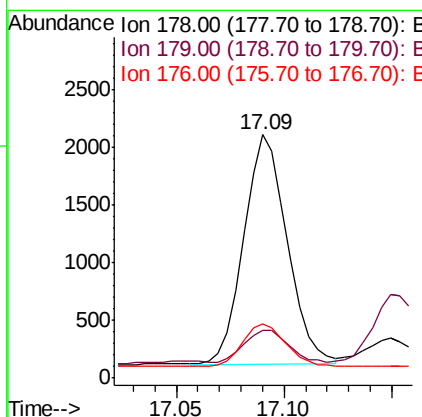
RT: 17.09 min Scan# 3678

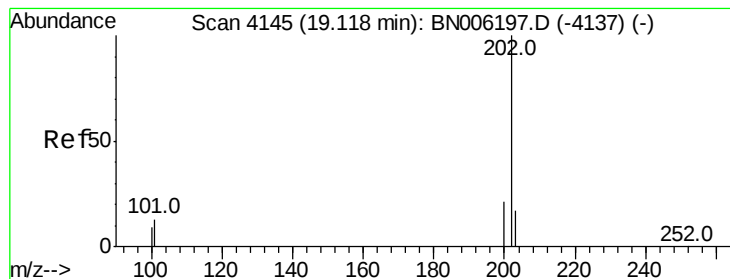
Delta R.T. -0.00 min

Lab File: BN006208.D

Acq: 09 Jun 2019 01:58

Tgt Ion:	178	Resp:	2773
Ion Ratio	Lower	Upper	
178	100		
179	19.8	12.3	18.5#
176	22.5	15.3	22.9





#15

Fluoranthene

Concen: 0.082 ng/ul m

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006208.D

Acq: 09 Jun 2019 01:58

Instrument :

BNA_N

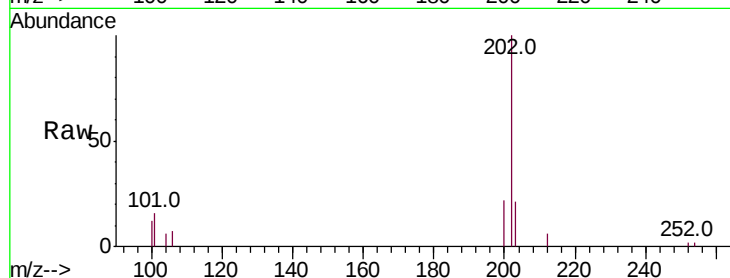
ClientSampleId :

A51E0

Tot Ion:	202	Resp:	6113
Ion Ratio	Lower	Upper	
202	100		
101	16.5	0.0	32.1
100	11.8	0.0	28.7

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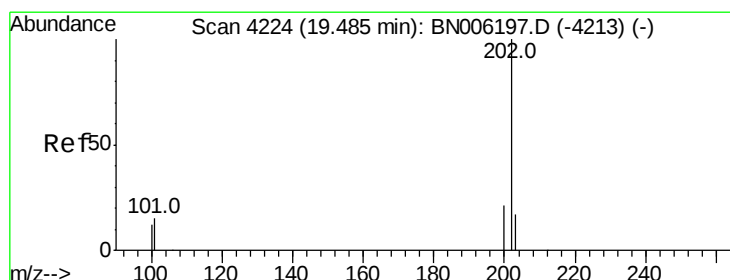
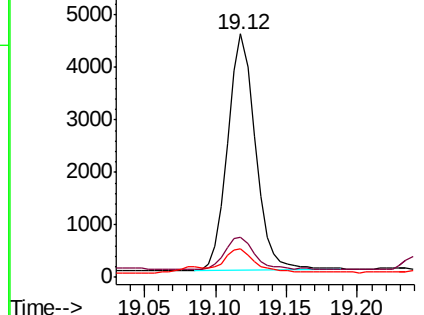
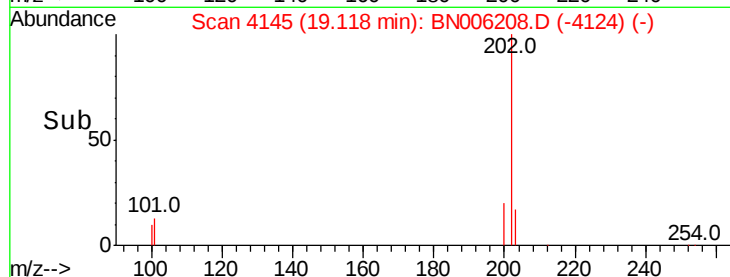
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.067 ng/ul

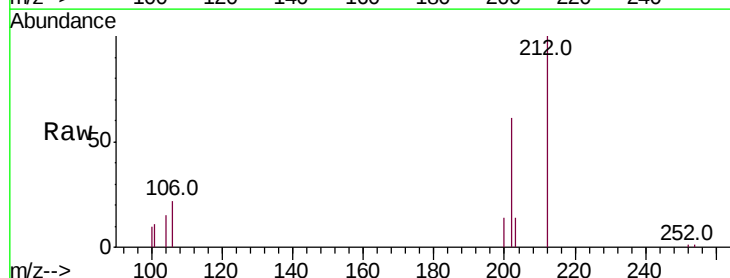
RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006208.D

Acq: 09 Jun 2019 01:58

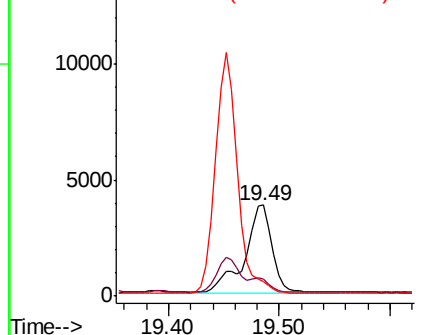
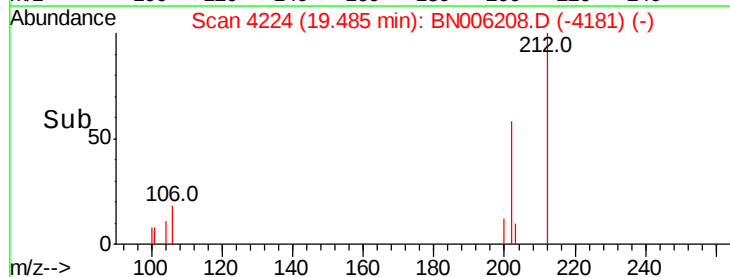
Tgt Ion:	202	Resp:	6279
Ion Ratio	Lower	Upper	
202	100		
101	18.3	12.2	18.2#
100	15.9	9.8	14.6#

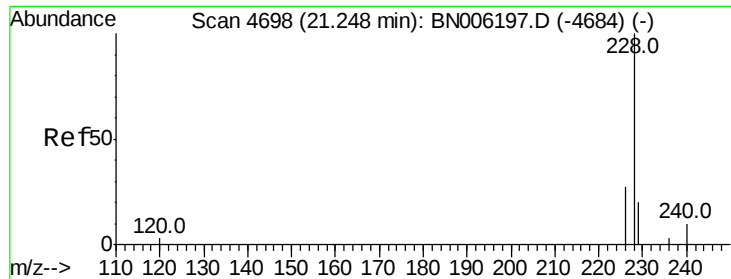


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





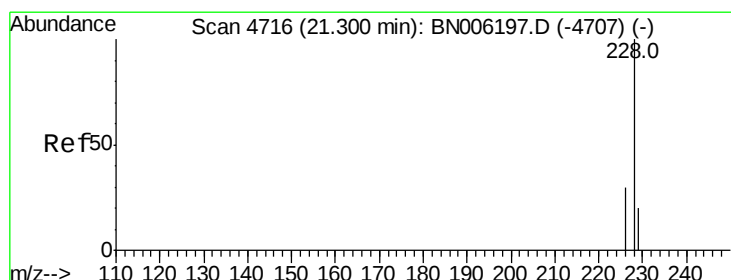
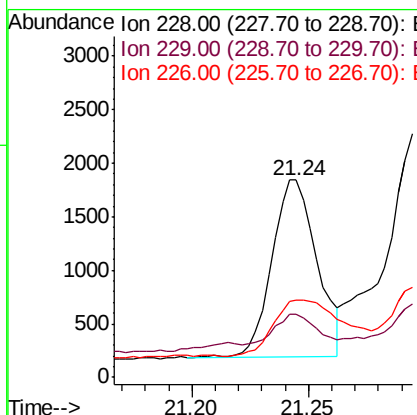
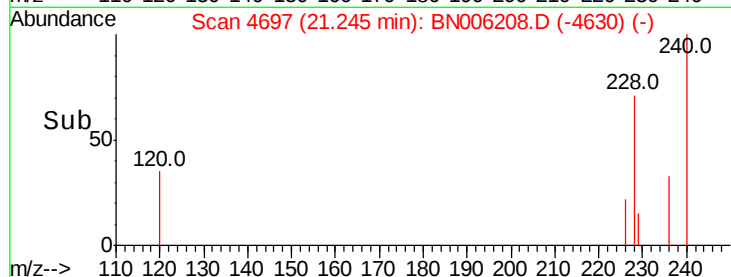
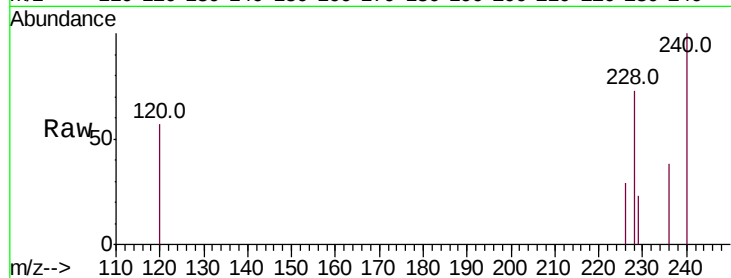
#18
Benzo(a)anthracene
Concen: 0.028 ng/ul m
RT: 21.24 min Scan# 4697
Delta R.T. -0.00 min
Lab File: BN006208.D
Acq: 09 Jun 2019 01:58

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	32.1	16.5	24.7#
226	39.3	22.8	34.2#

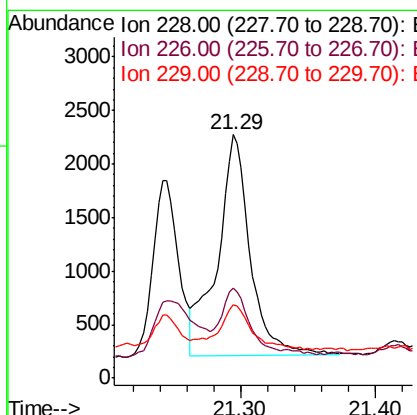
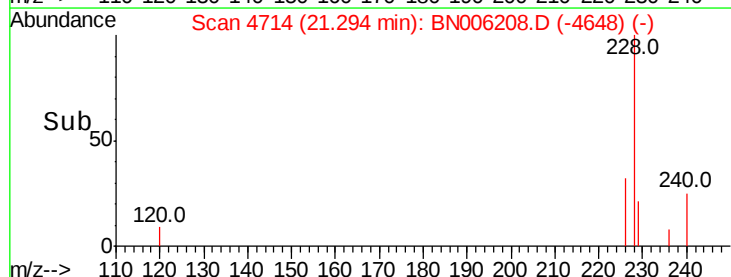
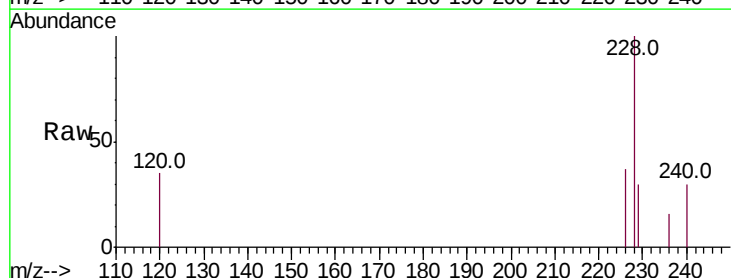
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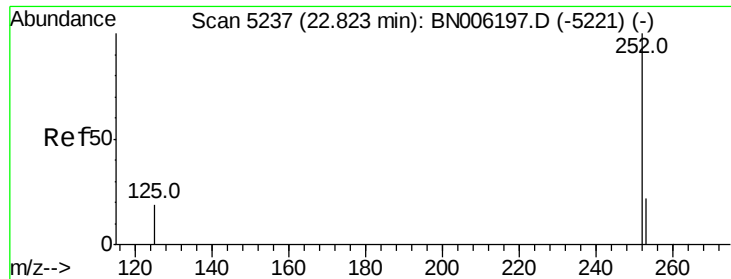
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#19
Chrysene
Concen: 0.048 ng/ul m
RT: 21.29 min Scan# 4714
Delta R.T. -0.01 min
Lab File: BN006208.D
Acq: 09 Jun 2019 01:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.0	25.0	37.6
229	30.2	16.3	24.5#





#21

Benzo(b)fluoranthene

Concen: 0.063 ng/ul m

RT: 22.82 min Scan# 5237

Delta R.T. -0.00 min

Lab File: BN006208.D

Acq: 09 Jun 2019 01:58

Instrument :

BNA_N

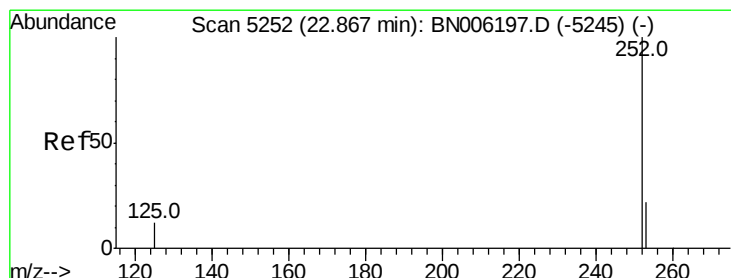
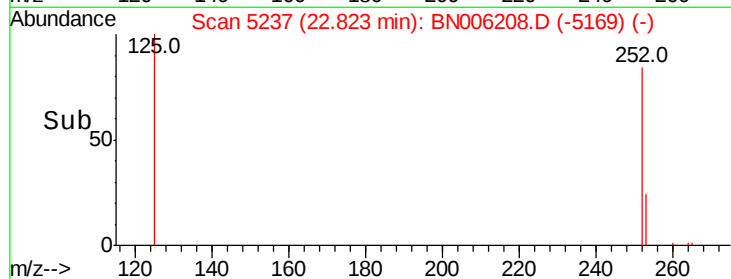
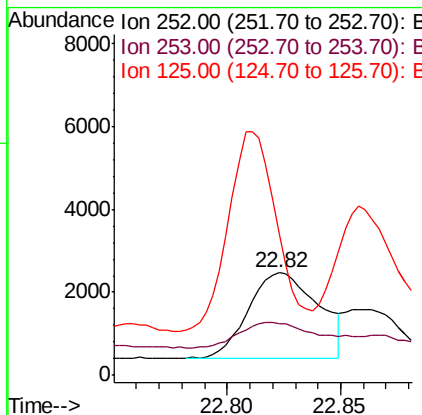
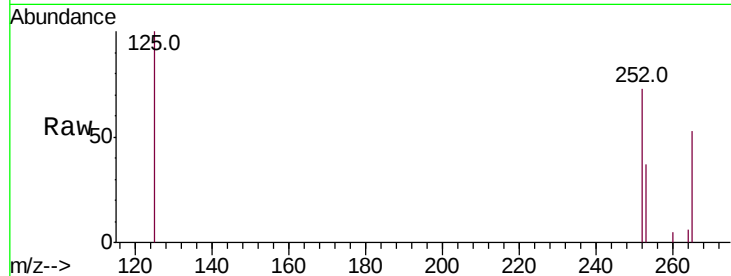
ClientSampled :

A51E0

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.8	0.0	51.4
125	137.6	0.0	41.0

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#22

Benzo(k)fluoranthene

Concen: 0.032 ng/ul m

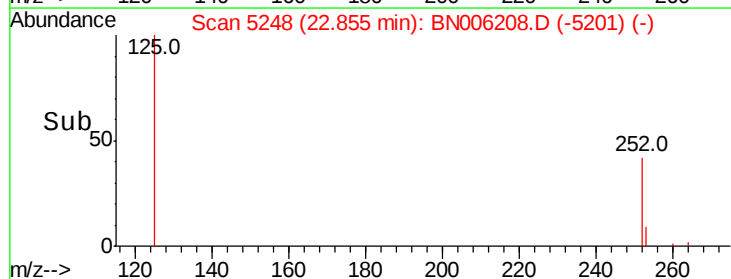
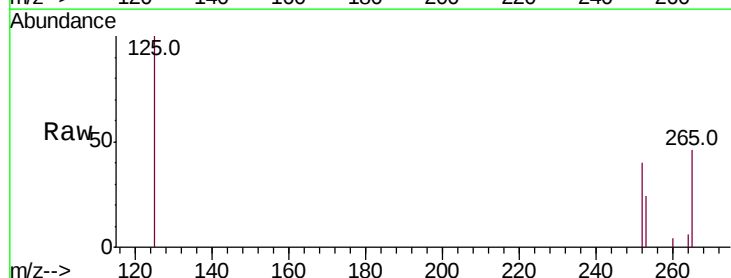
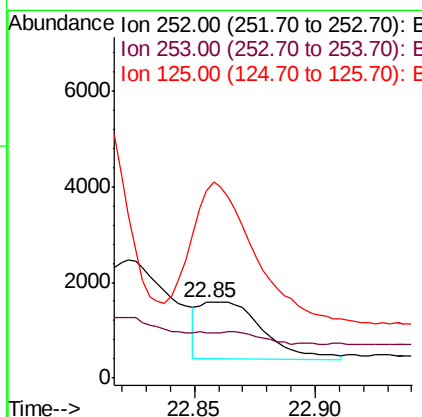
RT: 22.85 min Scan# 5248

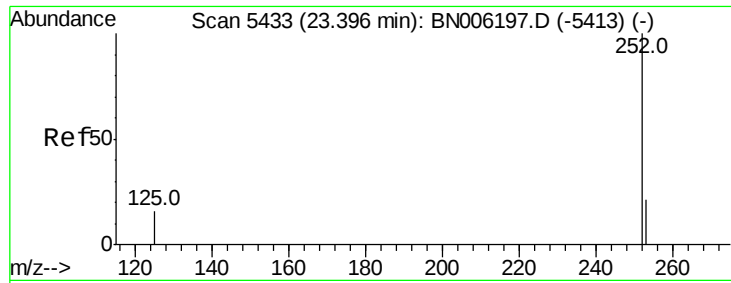
Delta R.T. -0.01 min

Lab File: BN006208.D

Acq: 09 Jun 2019 01:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	59.7	20.3	30.5
125	247.2	14.3	21.5





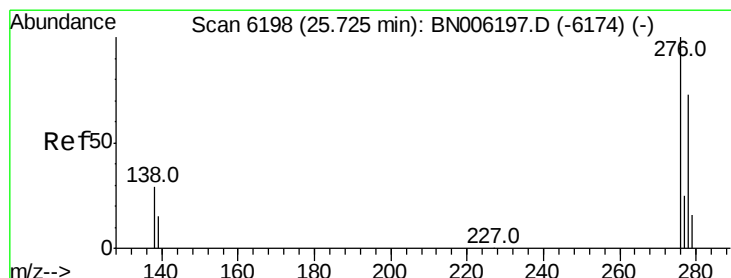
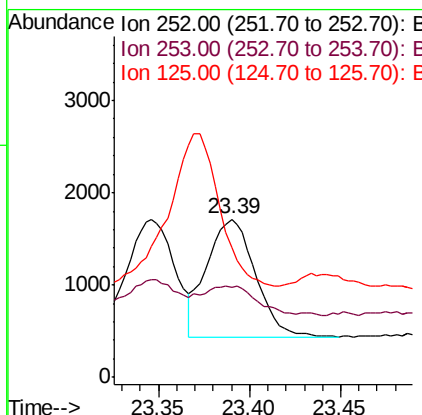
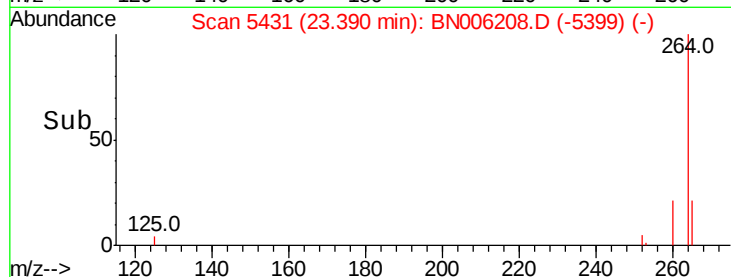
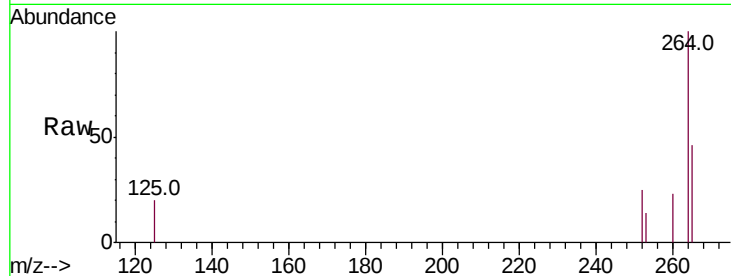
#23
Benzo(a)pyrene
Concen: 0.037 ng/ul
RT: 23.39 min Scan# 5431
Delta R.T. -0.01 min
Lab File: BN006208.D
Acq: 09 Jun 2019 01:58

Instrument :
BNA_N
ClientSampleId :
A51E0

Tot Ion	Ratio	Lower	Upper
252	100		
253	57.1	21.1	31.7#
125	81.9	20.3	30.5#

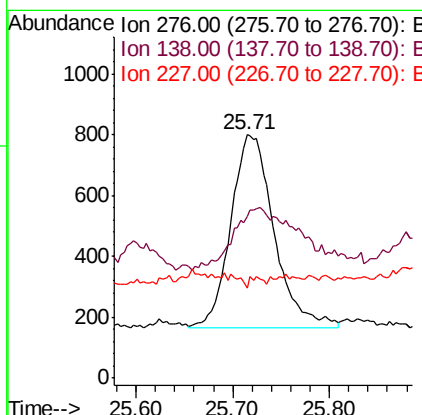
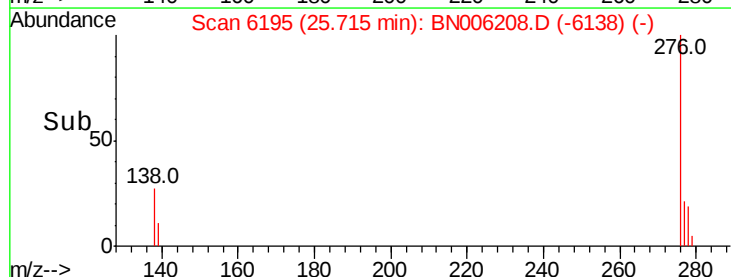
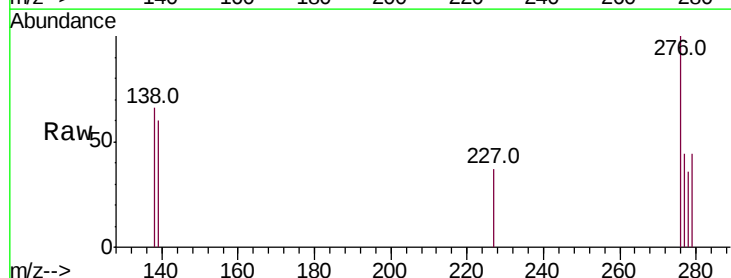
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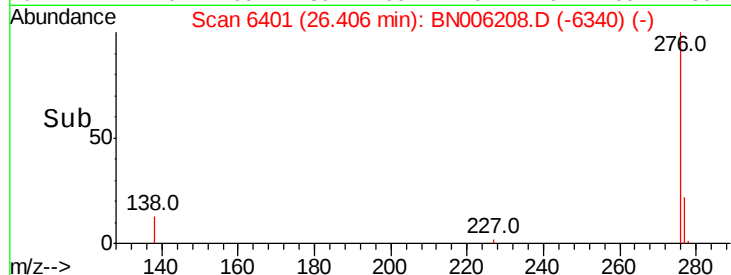
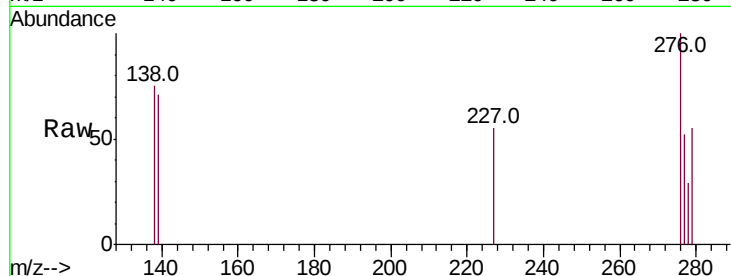
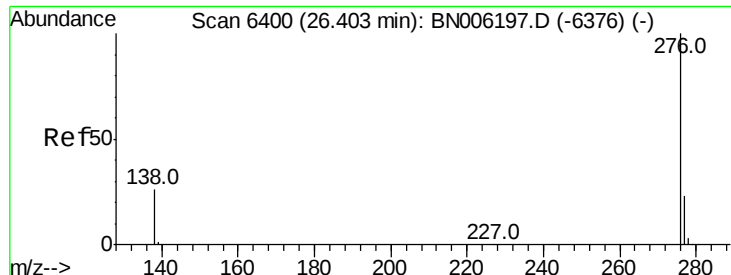
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 25.71 min Scan# 6195
Delta R.T. -0.01 min
Lab File: BN006208.D
Acq: 09 Jun 2019 01:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	54.1	25.6	38.4#
227	1.6	0.3	0.5#





#26
Benzo(a,h,i)perylene
Concen: 0.022 ng/ul
RT: 26.41 min Scan# 6401
Delta R.T. 0.00 min
Lab File: BN006208.D
Acq: 09 Jun 2019 01:58

Tot Ion:	276	Resp:	1291
Ion Ratio	Lower	Upper	
276	100		
138	74.8	24.2	36.4#
277	51.7	21.5	32.3#

Instrument :
BNA_N
ClientSampleId :
A51E0

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