

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002472.D
 Acq On : 23 Aug 2018 18:53
 Operator : JU/SJ
 Sample : J4421-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA4DL

Manual Integrations
 APPROVED

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 8/24/2018 5:11:44 PM

Quant Time: Aug 24 01:21:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1764	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	7194	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	4141	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	9942	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10140	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	8911m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	371	0.03	ng/ul	0.03
14) Fluoranthene-d10	19.09	212	1044	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.03	152	566	0.029	ng/ul#	79
12) Phenanthrene	17.10	178	1030	0.035	ng/ul#	94
15) Fluoranthene	19.12	202	2901	0.084	ng/ul	97
17) Pyrene	19.48	202	5877	0.170	ng/ul	97
18) Benzo(a)anthracene	21.25	228	2382	0.079	ng/ul#	87
19) Chrysene	21.30	228	2832	0.083	ng/ul	94
21) Benzo(b)fluoranthene	22.82	252	2970m	0.093	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	897m	0.027	ng/ul	
23) Benzo(a)pyrene	23.38	252	2569	0.085	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.71	276	1018	0.032	ng/ul#	79
26) Benzo(g,h,i)perylene	26.39	276	1401	0.052	ng/ul#	86

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

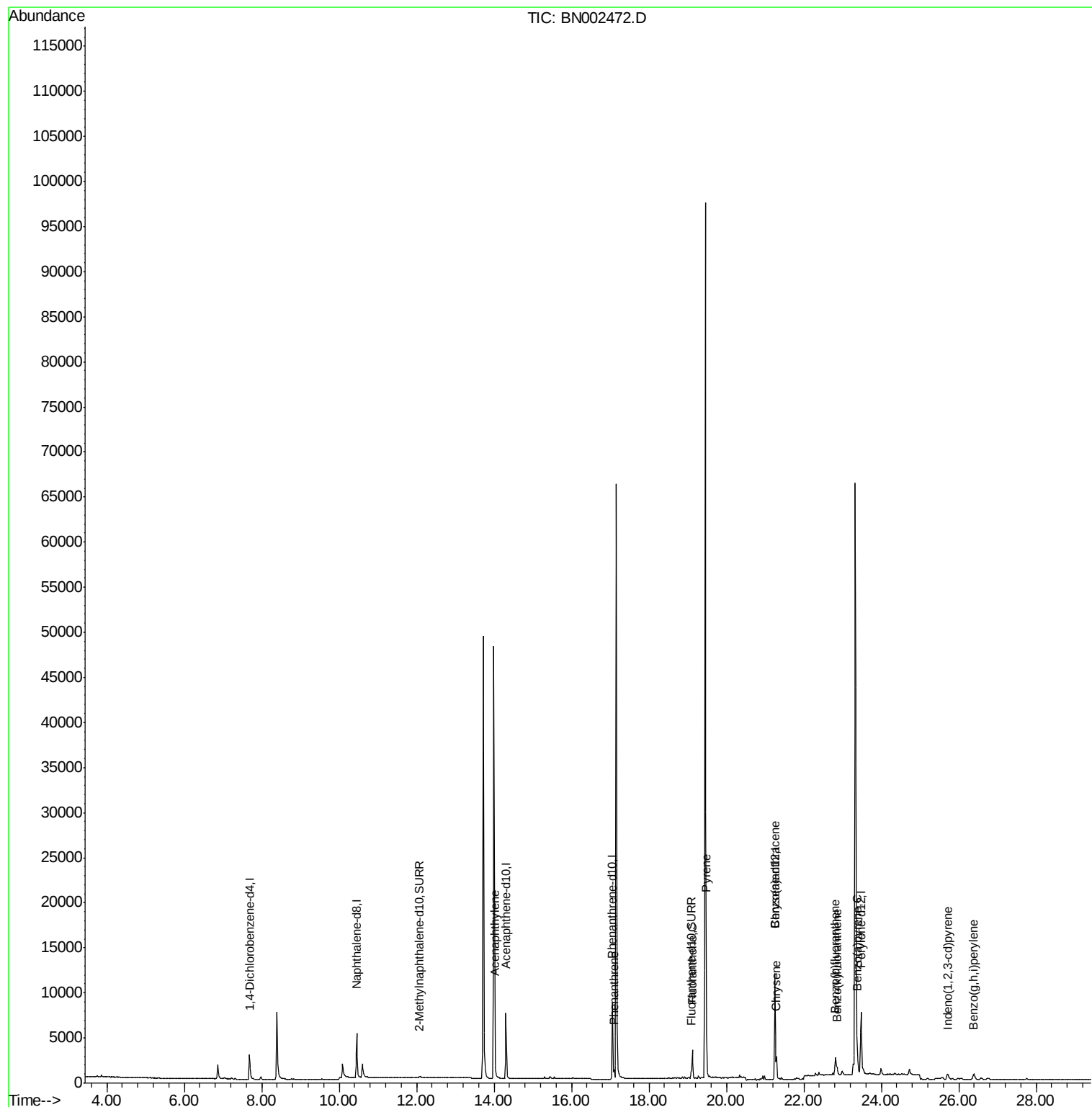
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
Data File : BN002472.D
Acq On : 23 Aug 2018 18:53
Operator : JU/SJ
Sample : J4421-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

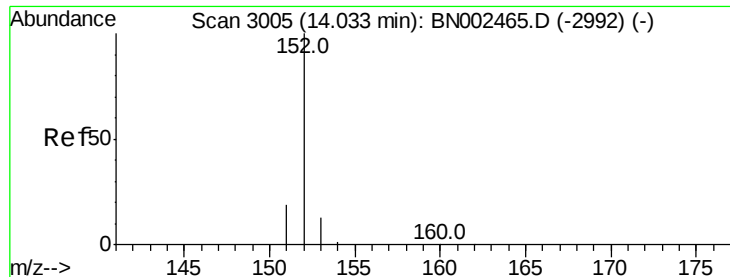
Instrument :
BNA_N
ClientSampleId :
C0AA4DL

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QLast Update : Fri Aug 24 00:52:48 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 14.03 min Scan# 3004

Delta R.T. -0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Instrument :

BNA_N

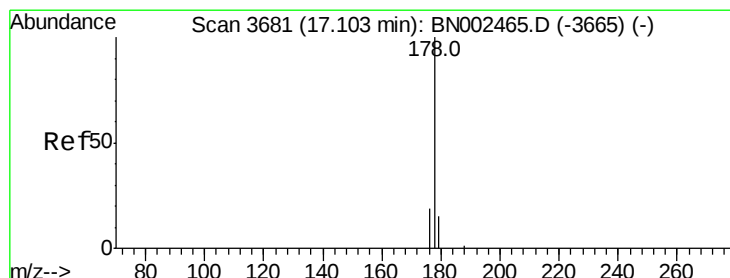
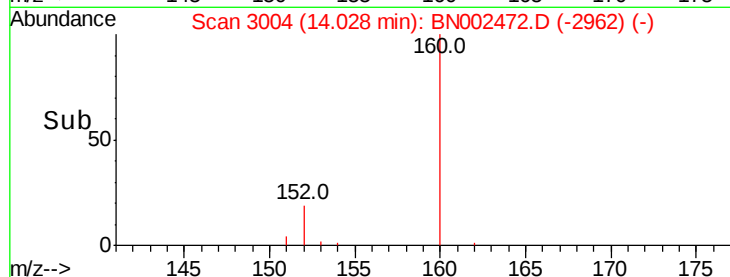
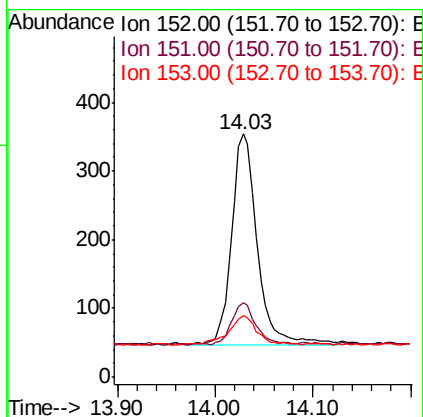
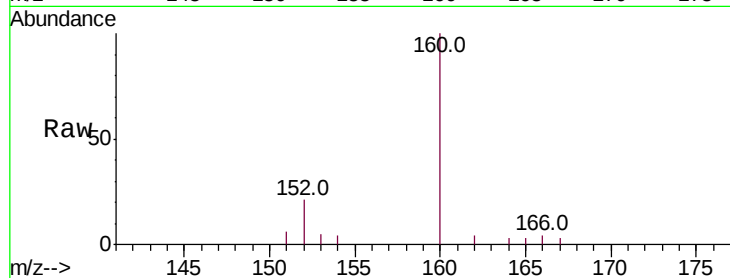
ClientSampleId :

C0AA4DL

Tot Ion:	152	Resp:	566
Ion Ratio	Lower	Upper	
152	100		
151	30.8	17.1	25.7#
153	25.1	12.8	19.2#

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#12

Phenanthrene

Concen: 0.035 ng/ul

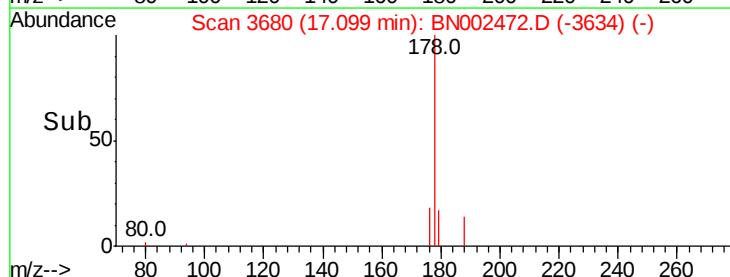
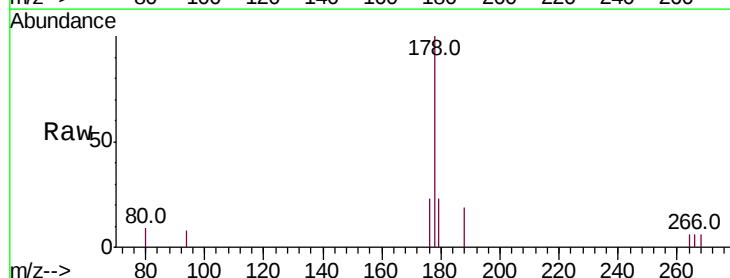
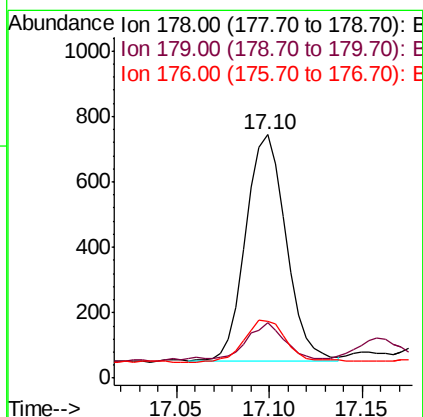
RT: 17.10 min Scan# 3680

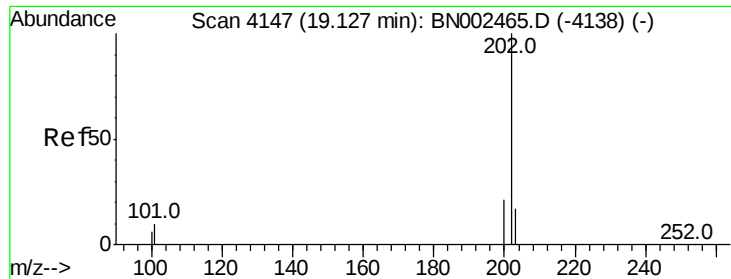
Delta R.T. -0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Tgt Ion:	178	Resp:	1030
Ion Ratio	Lower	Upper	
178	100		
179	23.0	18.4	27.6
176	23.4	13.6	20.4#





#15

Fluoranthene

Concen: 0.084 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Instrument :

BNA_N

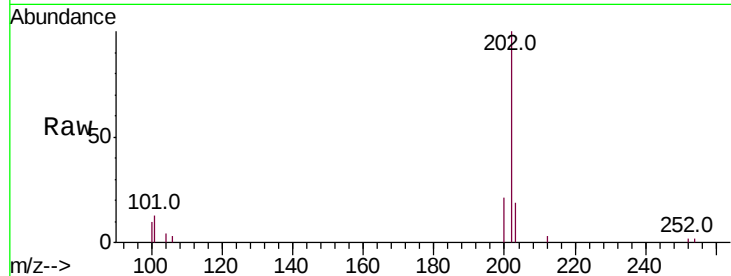
ClientSampleId :

C0AA4DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2901		
101	12.5	0.0	30.0	
100	10.0	0.0	30.0	

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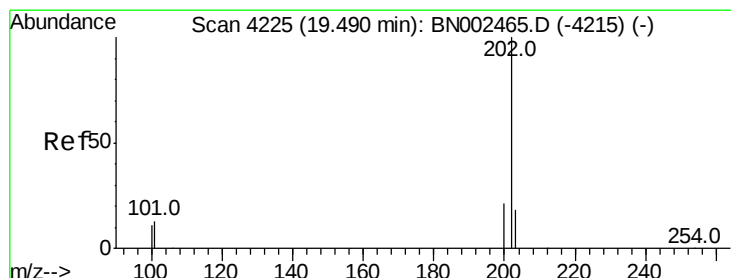
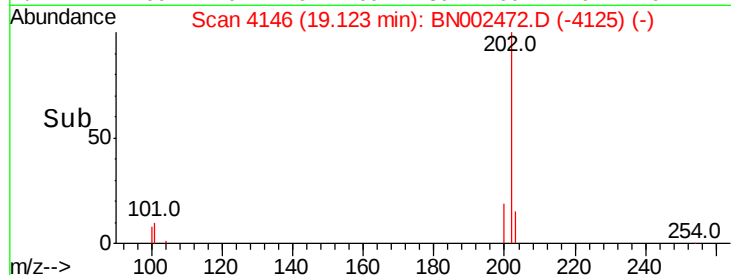
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.12

Time-->



#17

Pyrene

Concen: 0.170 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.01 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	5877		
101	14.2	12.0	18.0	
100	11.8	8.0	12.0	

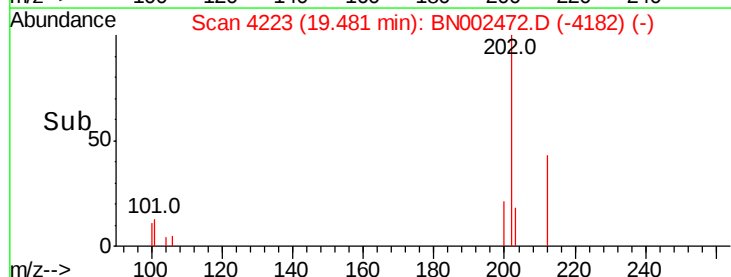
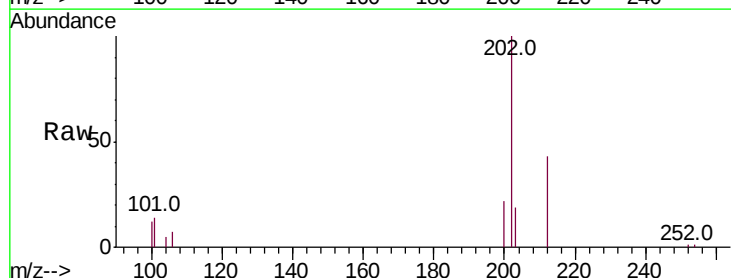
Abundance Ion 202.00 (201.70 to 202.70): E

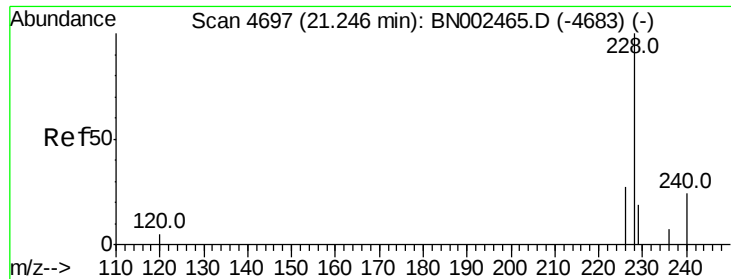
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.48

Time-->





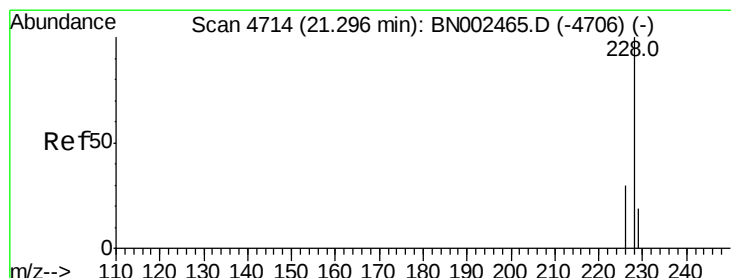
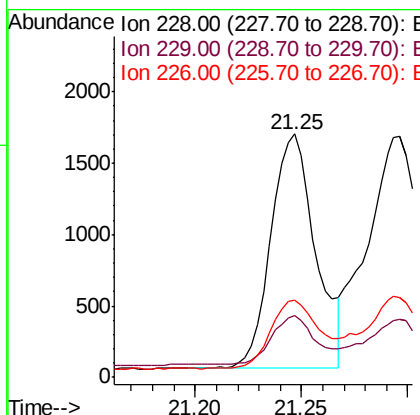
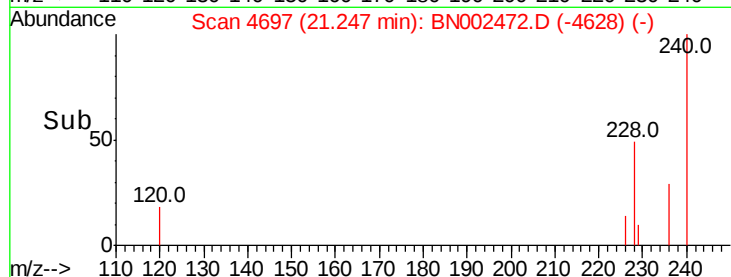
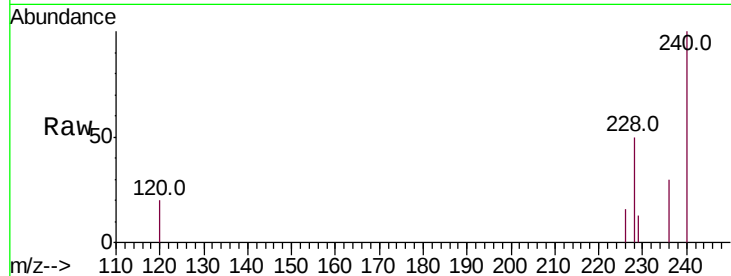
#18
Benzo(a)anthracene
Concen: 0.079 ng/ul
RT: 21.25 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN002472.D
Acq: 23 Aug 2018 18:53

Instrument :
BNA_N
ClientSampled :
C0AA4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.5	22.8	34.2
226	31.8	17.0	25.6

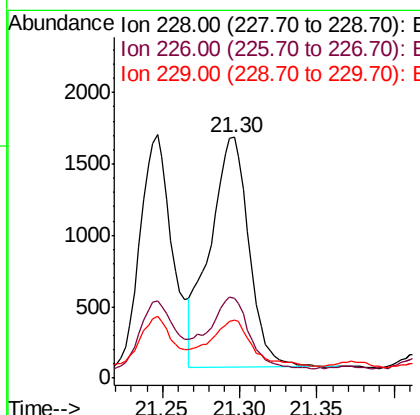
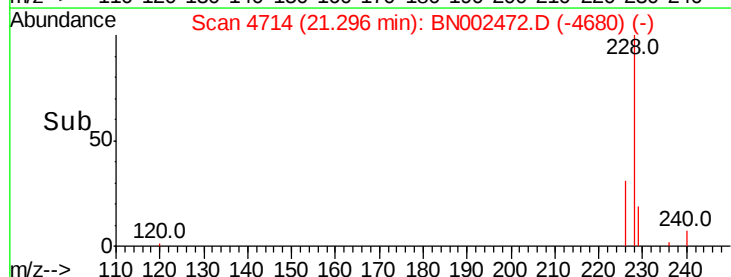
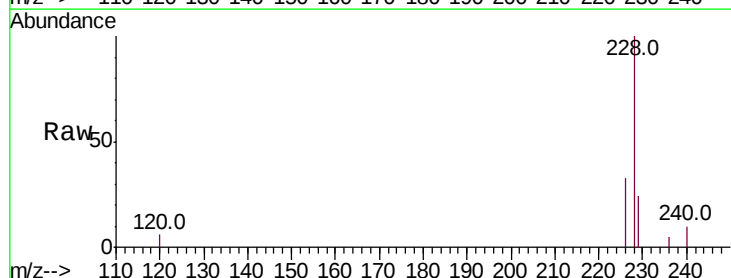
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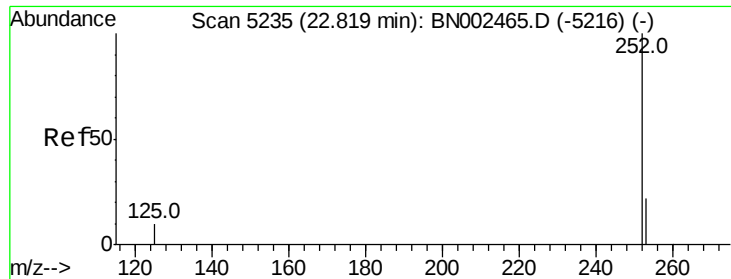
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#19
Chrysene
Concen: 0.083 ng/ul
RT: 21.30 min Scan# 4714
Delta R.T. 0.00 min
Lab File: BN002472.D
Acq: 23 Aug 2018 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.4	35.0
229	23.9	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.093 ng/ul m

RT: 22.82 min Scan# 5235

Delta R.T. 0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Instrument :

BNA_N

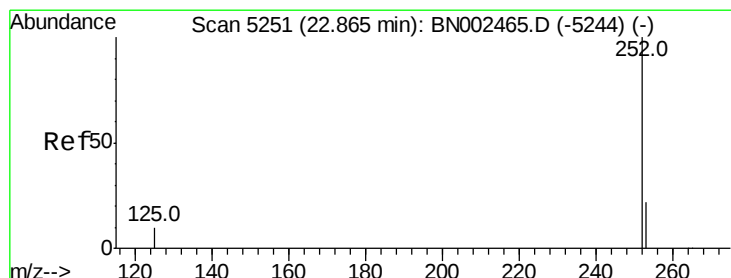
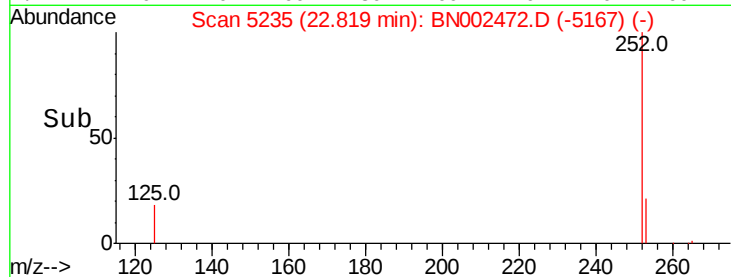
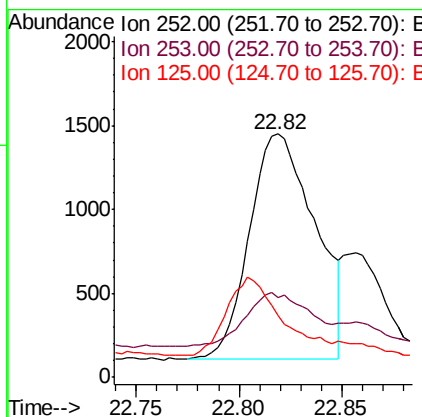
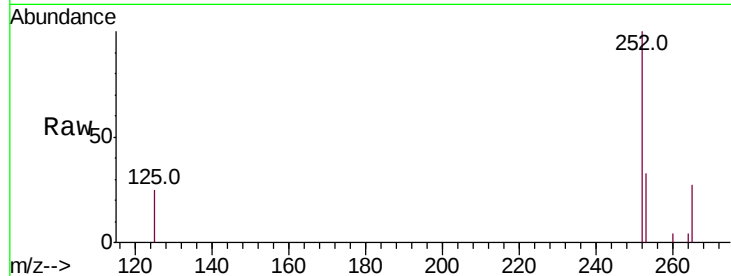
ClientSampleId :

C0AA4DL

Tot Ion:	252	Resp:	2970
Ion Ratio	Lower	Upper	
252	100		
253	32.7	0.0	64.2
125	25.2	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.027 ng/ul m

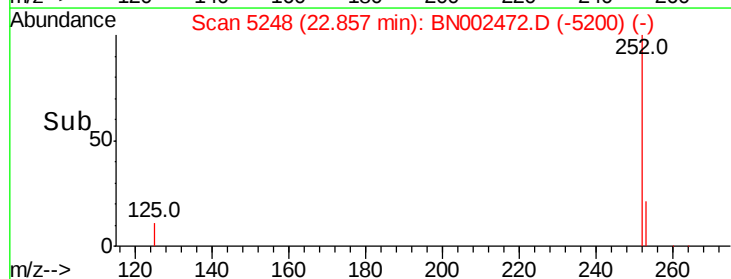
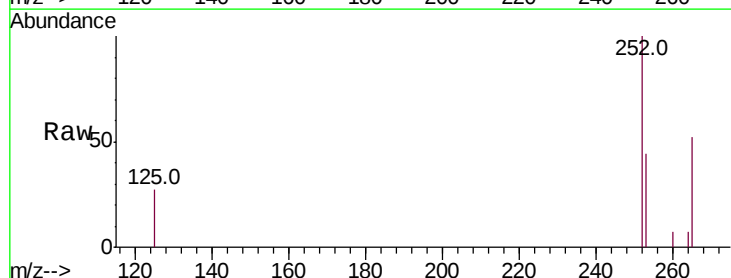
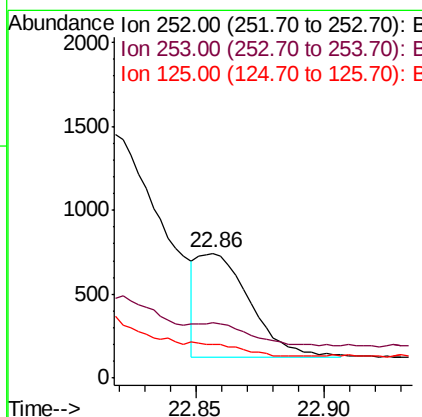
RT: 22.86 min Scan# 5248

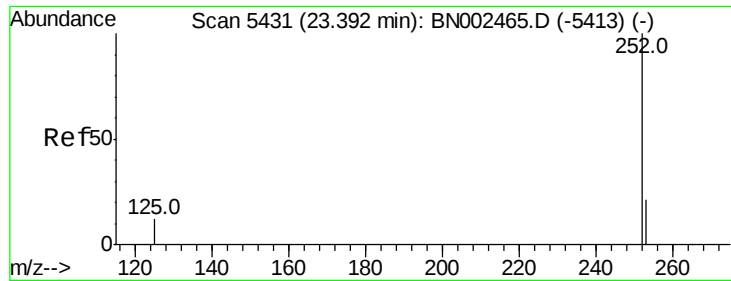
Delta R.T. -0.01 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Tgt Ion:	252	Resp:	897
Ion Ratio	Lower	Upper	
252	100		
253	44.2	24.5	36.7#
125	27.2	13.7	20.5#





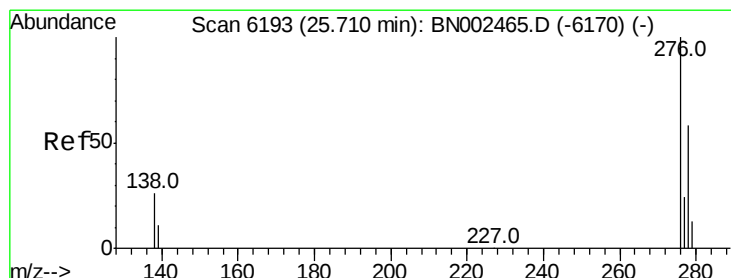
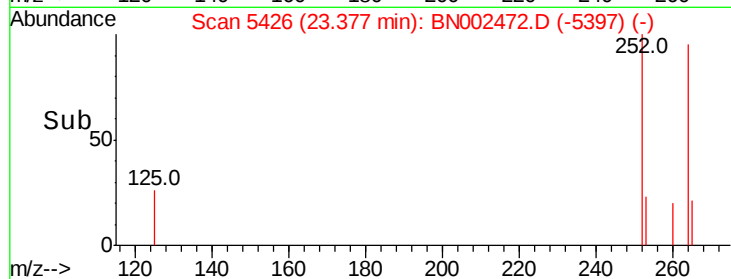
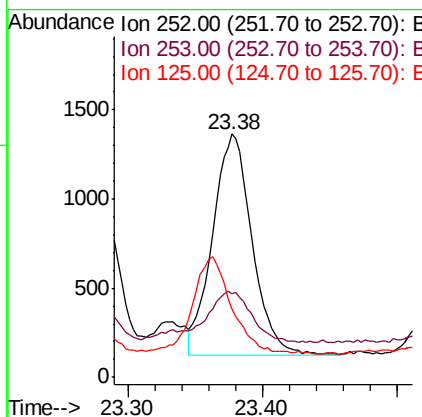
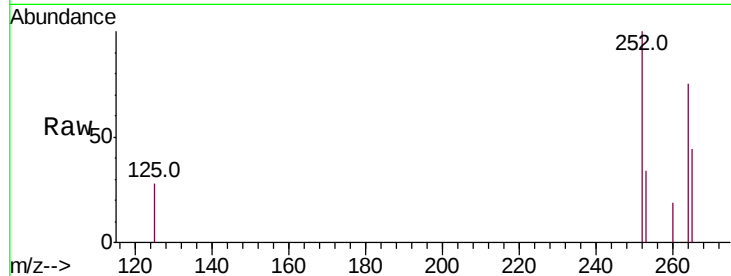
#23
Benzo(a)pyrene
Concen: 0.085 ng/u1
RT: 23.38 min Scan# 5426
Delta R.T. -0.01 min
Lab File: BN002472.D
Acq: 23 Aug 2018 18:53

Instrument :
BNA_N
ClientSampleId :
C0AA4DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.5	16.0	24.0#
125	28.2	12.0	18.0#

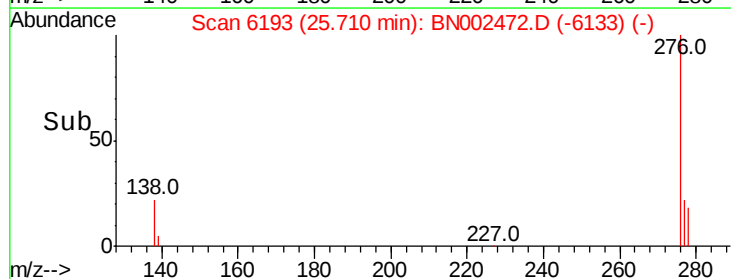
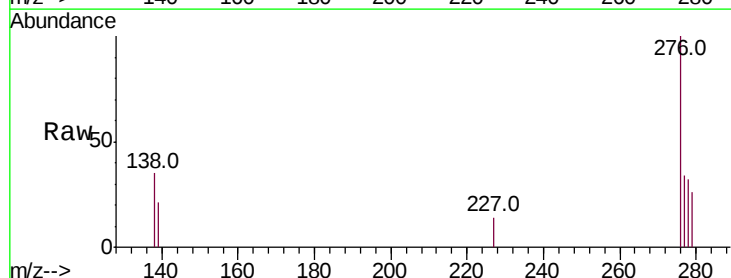
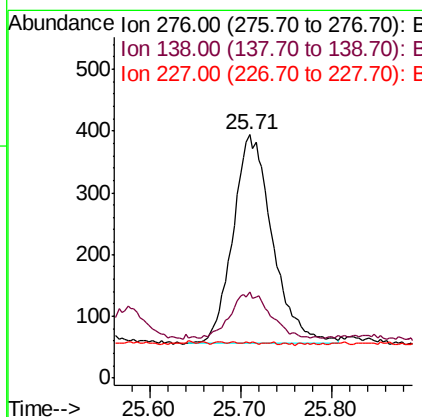
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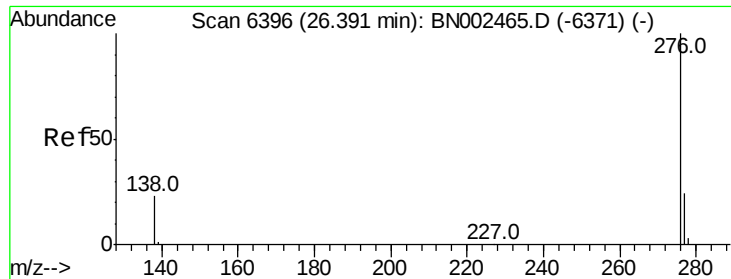
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng/u1
RT: 25.71 min Scan# 6193
Delta R.T. 0.00 min
Lab File: BN002472.D
Acq: 23 Aug 2018 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	28.0	42.0#
227	0.0	0.8	1.2#





#26

Benzo(a,h,i)perylene

Concen: 0.052 ng/ul

RT: 26.39 min Scan# 6395

Delta R.T. -0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Instrument :

BNA_N

ClientSampleId :

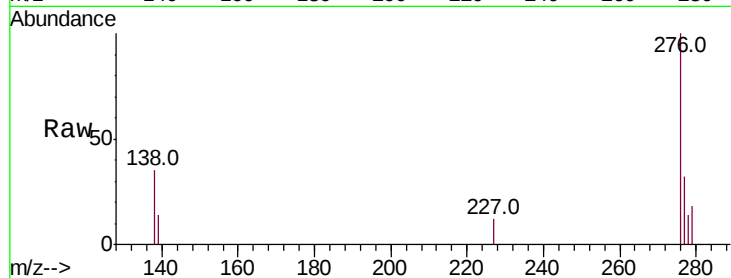
C0AA4DL

Tot Ion:	276	Resp:	1401
Ion Ratio	Lower	Upper	
276	100		
138	34.8	21.8	32.8#
277	32.3	20.5	30.7#

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

