

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000402.D
 Acq On : 15 Mar 2018 07:18
 Operator : JU/SJ
 Sample : J1845-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:59:08 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:55:46 2018
 Response via : Initial Calibration

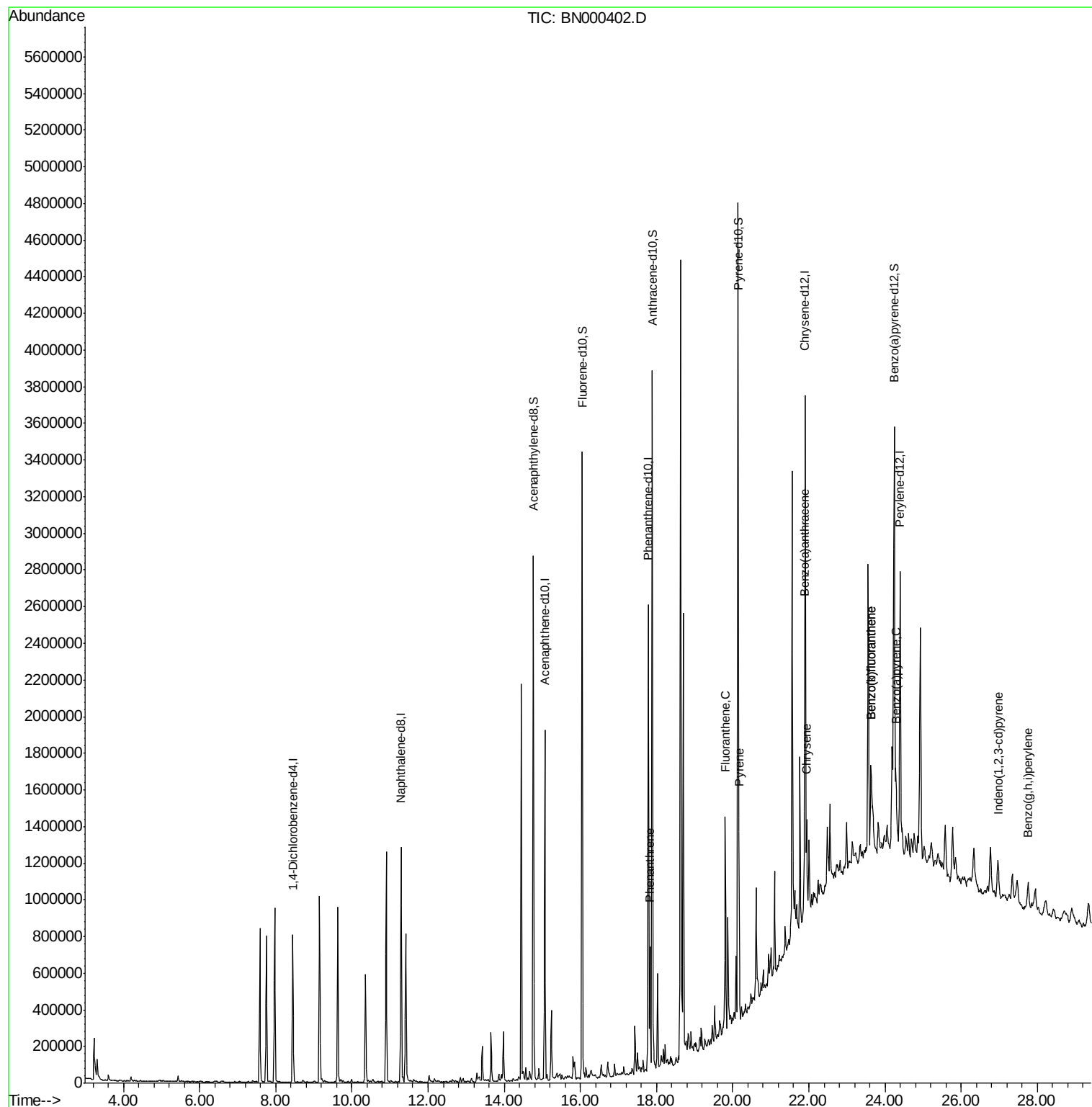
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	224424	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1077043	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	613047	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1371230	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1213685	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1101984	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1931736	31.75	ng/ul	0.00
10) Fluorene-d10	16.05	176	1268864	30.80	ng/ul	0.00
14) Anthracene-d10	17.89	188	1958523	30.57	ng/ul	0.00
18) Pyrene-d10	20.14	212	2081176	35.05	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1564706	31.09	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	322517	4.101	ng/ul	99
16) Fluoranthene	19.80	202	661253	7.783	ng/ul#	92
19) Pyrene	20.17	202	555001	7.243	ng/ul#	91
20) Benzo(a)anthracene	21.89	228	268265	3.555	ng/ul	97
21) Chrysene	21.95	228	281889	3.937	ng/ul	98
23) Benzo(b)fluoranthene	23.63	252	392836	5.978	ng/ul#	92
24) Benzo(k)fluoranthene	23.63	252	392836	6.387	ng/ul#	92
26) Benzo(a)pyrene	24.29	252	239682	3.832	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.97	276	175952	2.609	ng/ul#	81
29) Benzo(g,h,i)perylene	27.76	276	188793	3.353	ng/ul#	85

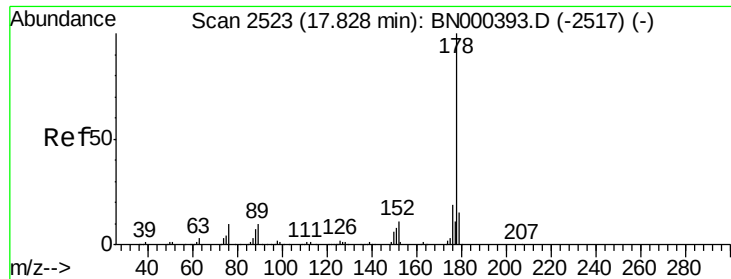
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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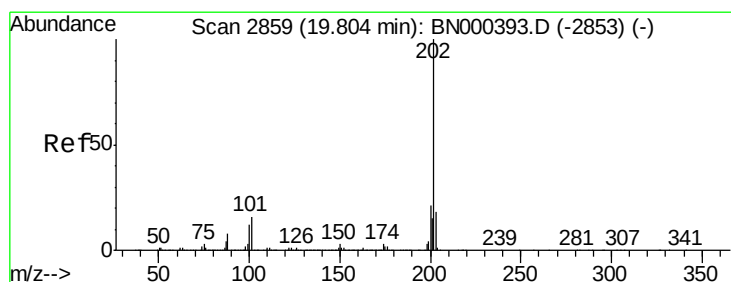
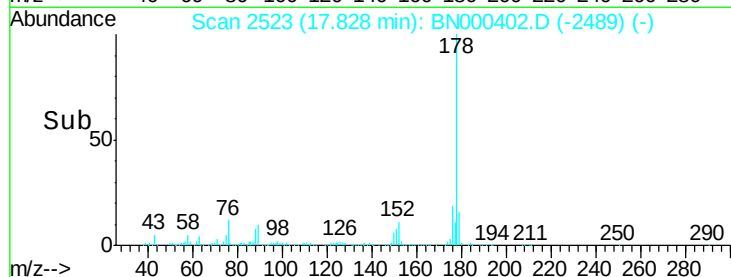
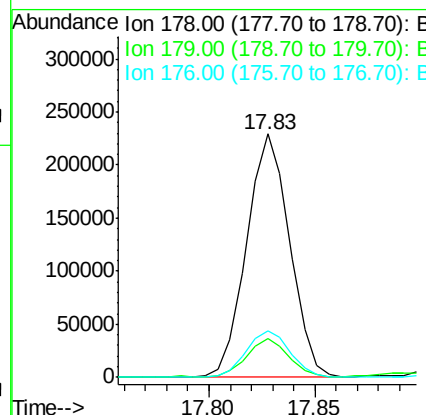
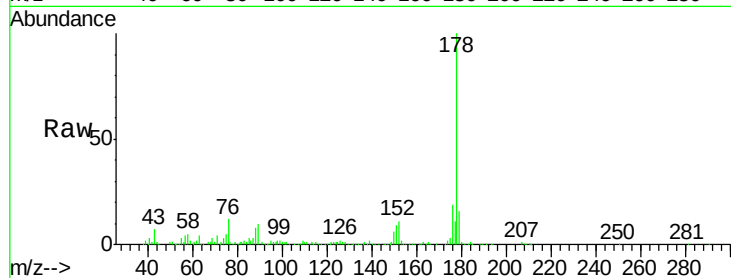




#13
Phenanthrene
Concen: 4.101 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000402.D
Acq: 15 Mar 2018 07:18

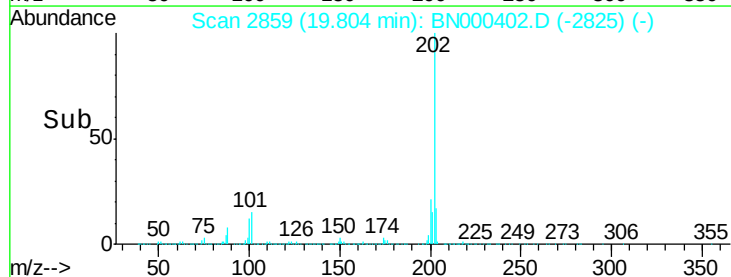
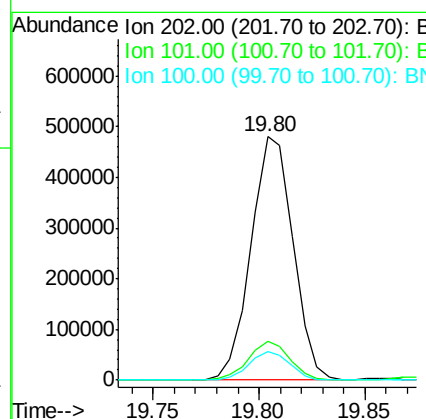
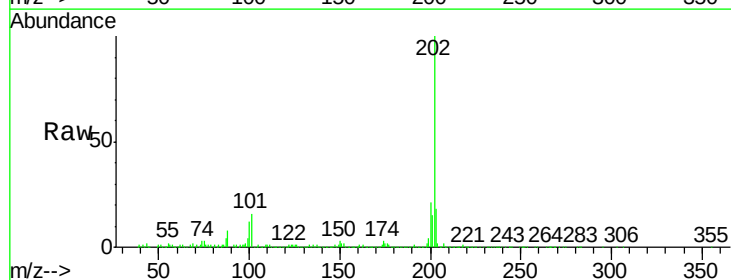
Instrument :
BNA_N
ClientSampleId :

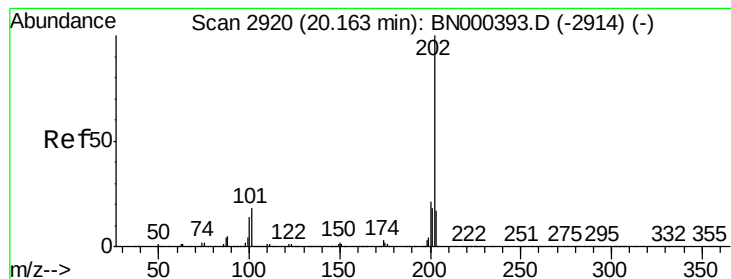
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.0	15.1	22.7



#16
Fluoranthene
Concen: 7.783 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000402.D
Acq: 15 Mar 2018 07:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.9	14.9#
100	11.7	7.4	11.0#





#19

Pvrene

Concen: 7.243 ng/ul

RT: 20.17 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BN000402.D

Acq: 15 Mar 2018 07:18

Instrument :

BNA_N

ClientSampled :

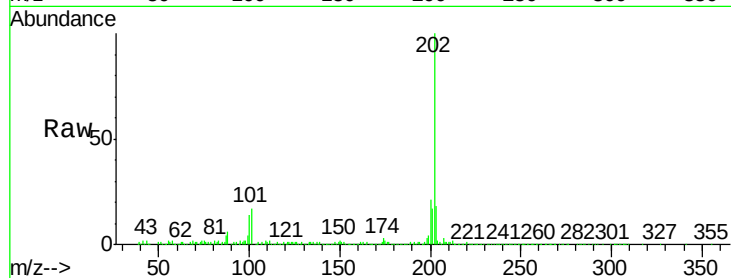
Tot Ion:202 Resp: 555001

Ion Ratio Lower Upper

202 100

101 17.1 11.0 16.4#

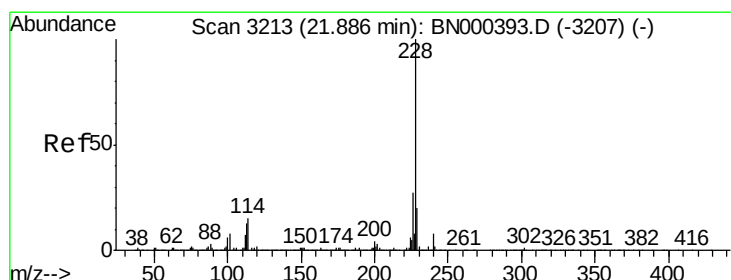
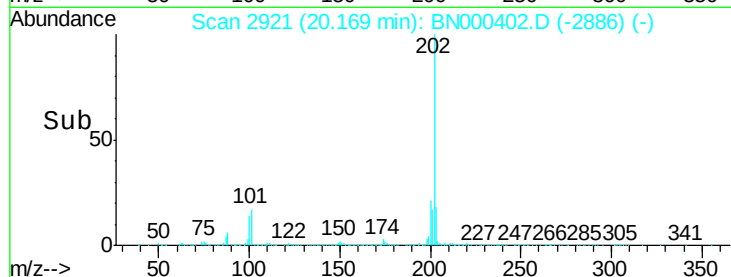
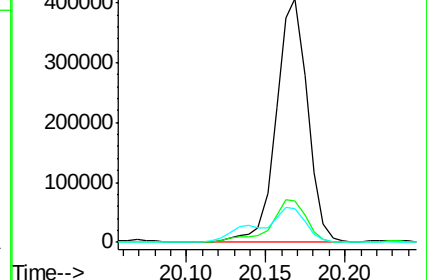
100 14.1 8.1 12.1#



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



#20

Benzo(a)anthracene

Concen: 3.555 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000402.D

Acq: 15 Mar 2018 07:18

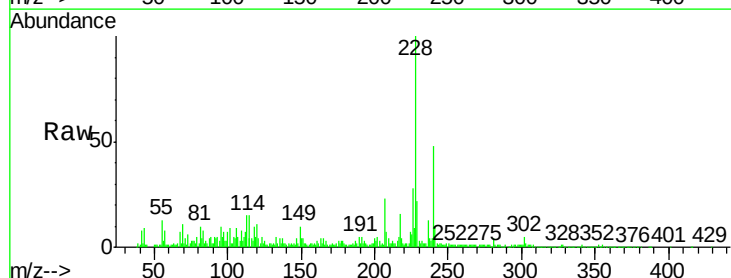
Tgt Ion:228 Resp: 268265

Ion Ratio Lower Upper

228 100

229 21.6 15.7 23.5

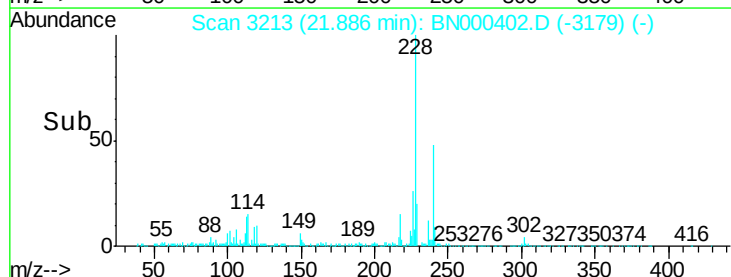
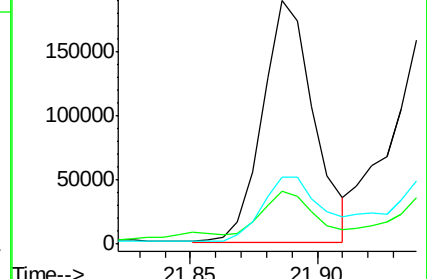
226 27.6 21.1 31.7

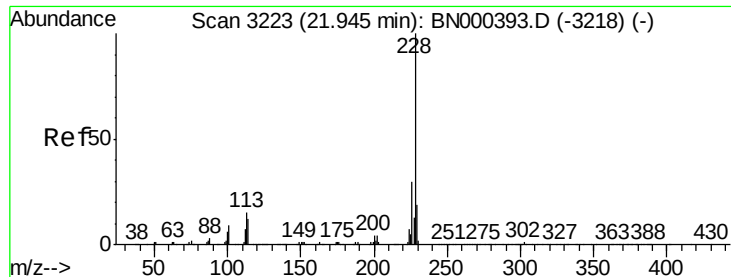


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.937 ng/ul

RT: 21.95 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BN000402.D

Acq: 15 Mar 2018 07:18

Instrument :

BNA_N

ClientSampled :

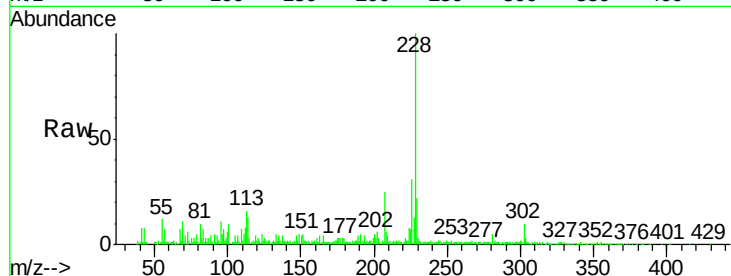
Tot Ion:228 Resp: 281889

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

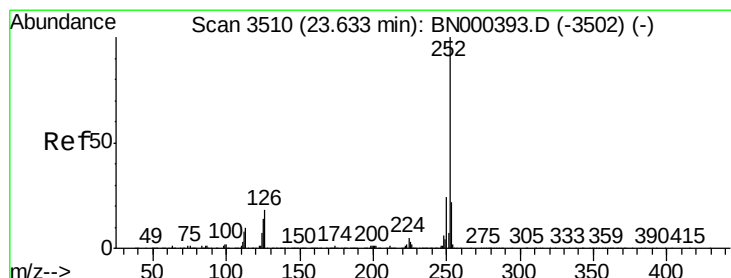
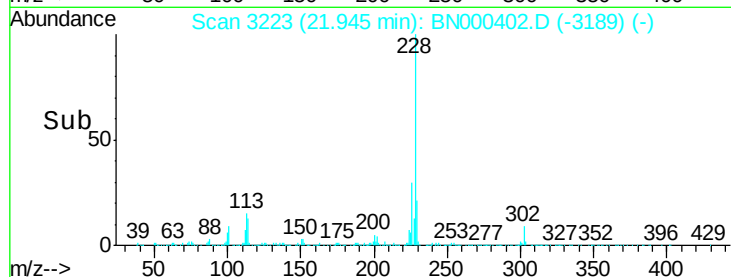
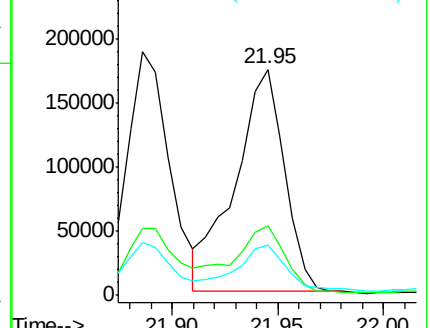
229 22.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 5.978 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. -0.00 min

Lab File: BN000402.D

Acq: 15 Mar 2018 07:18

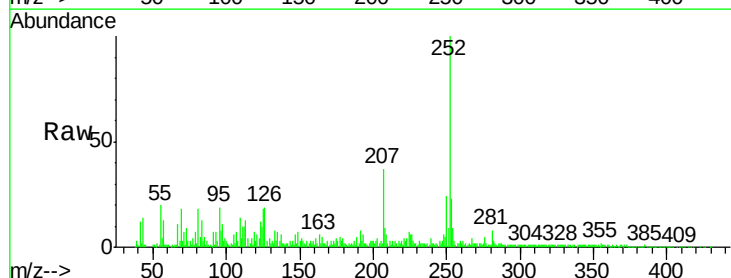
Tgt Ion:252 Resp: 392836

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

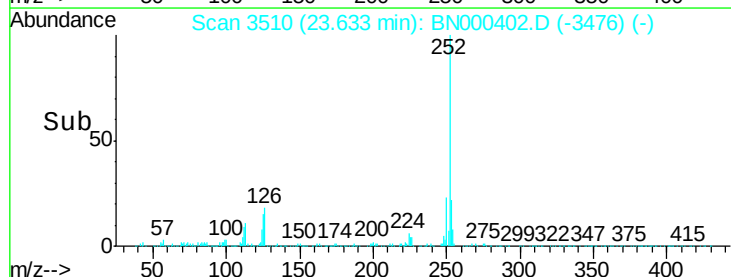
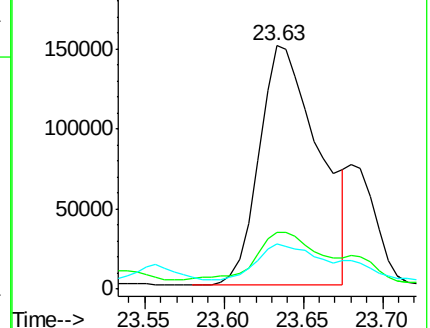
125 18.4 8.0 12.0#

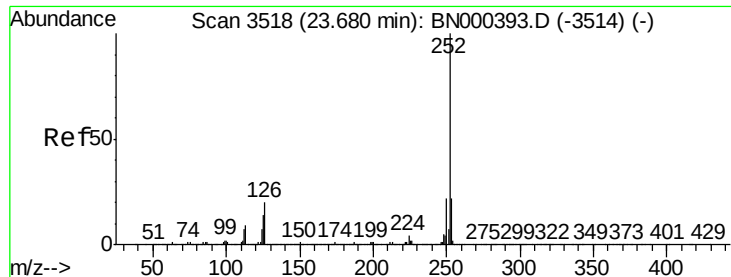


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

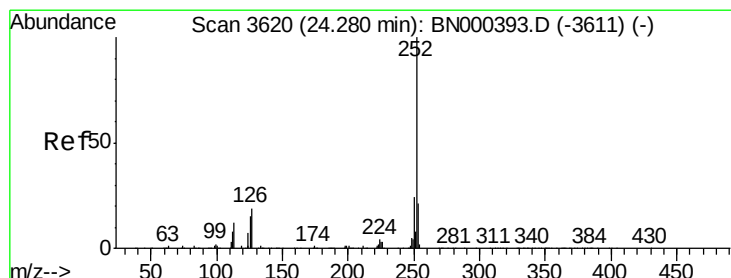
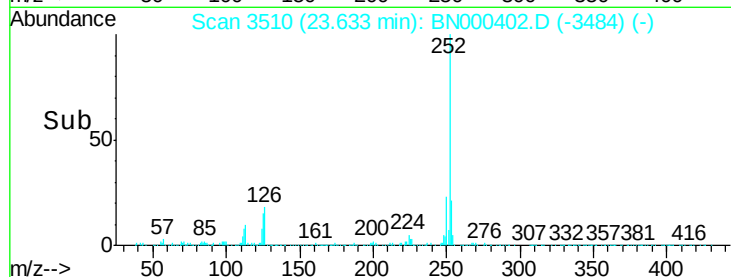
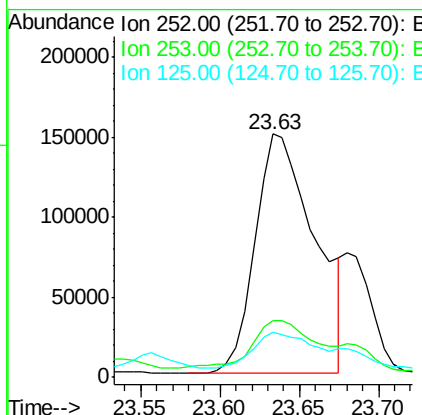
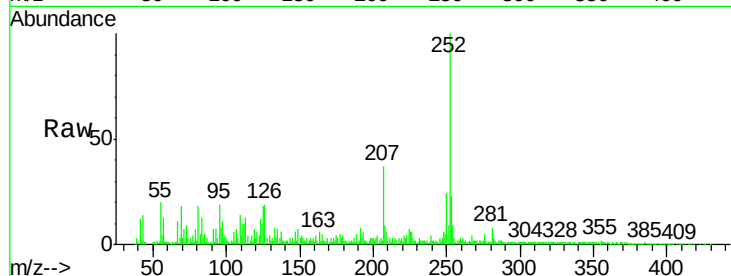




#24
Benzo(k)fluoranthene
Concen: 6.387 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. -0.05 min
Lab File: BN000402.D
Acq: 15 Mar 2018 07:18

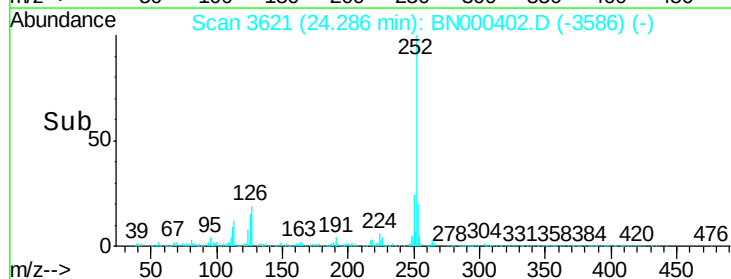
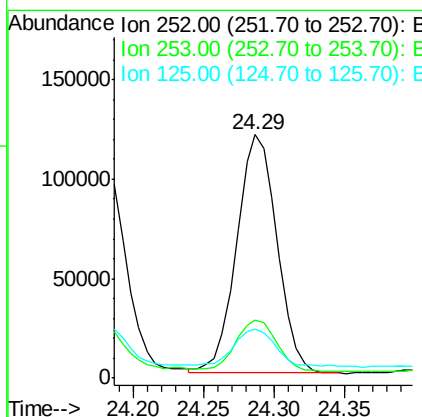
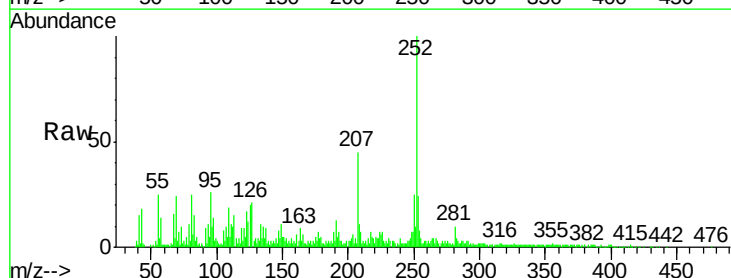
Instrument :
BNA_N
ClientSampleId :

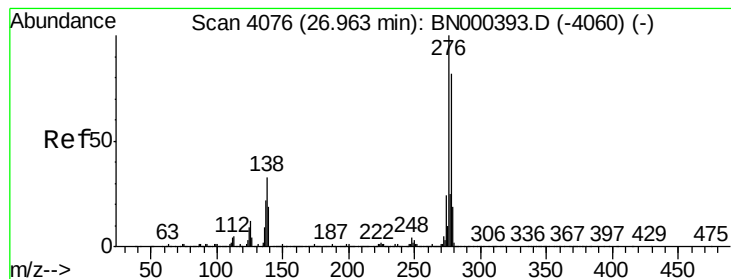
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	18.4	8.1	12.1



#26
Benzo(a)pyrene
Concen: 3.832 ng/ul
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000402.D
Acq: 15 Mar 2018 07:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	20.0	8.2	12.4



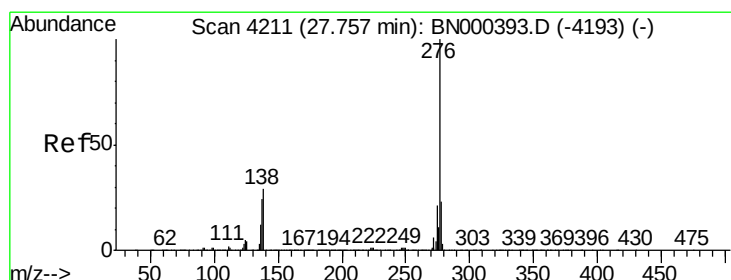
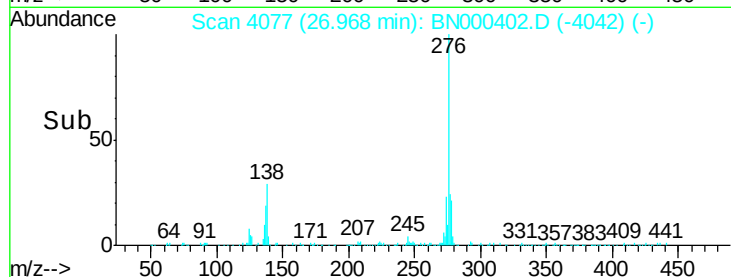
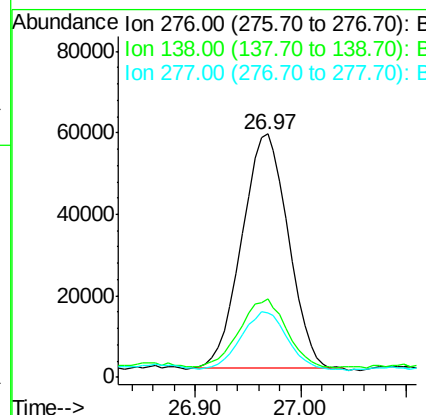
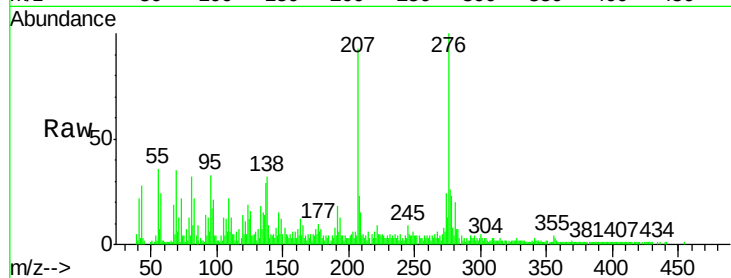


#27

Indeno(1,2,3-cd)pyrene
Concen: 2.609 ng/ul
RT: 26.97 min Scan# 4077
Delta R.T. 0.01 min
Lab File: BN000402.D
Acq: 15 Mar 2018 07:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	14.4	21.6#
277	26.4	18.0	27.0



#29

Benzo(g,h,i)perylene
Concen: 3.353 ng/ul
RT: 27.76 min Scan# 4212
Delta R.T. 0.01 min
Lab File: BN000402.D
Acq: 15 Mar 2018 07:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	15.3	22.9#
277	25.7	19.0	28.4

