

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000399.D
 Acq On : 15 Mar 2018 05:35
 Operator : JU/SJ
 Sample : J1865-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:58:34 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

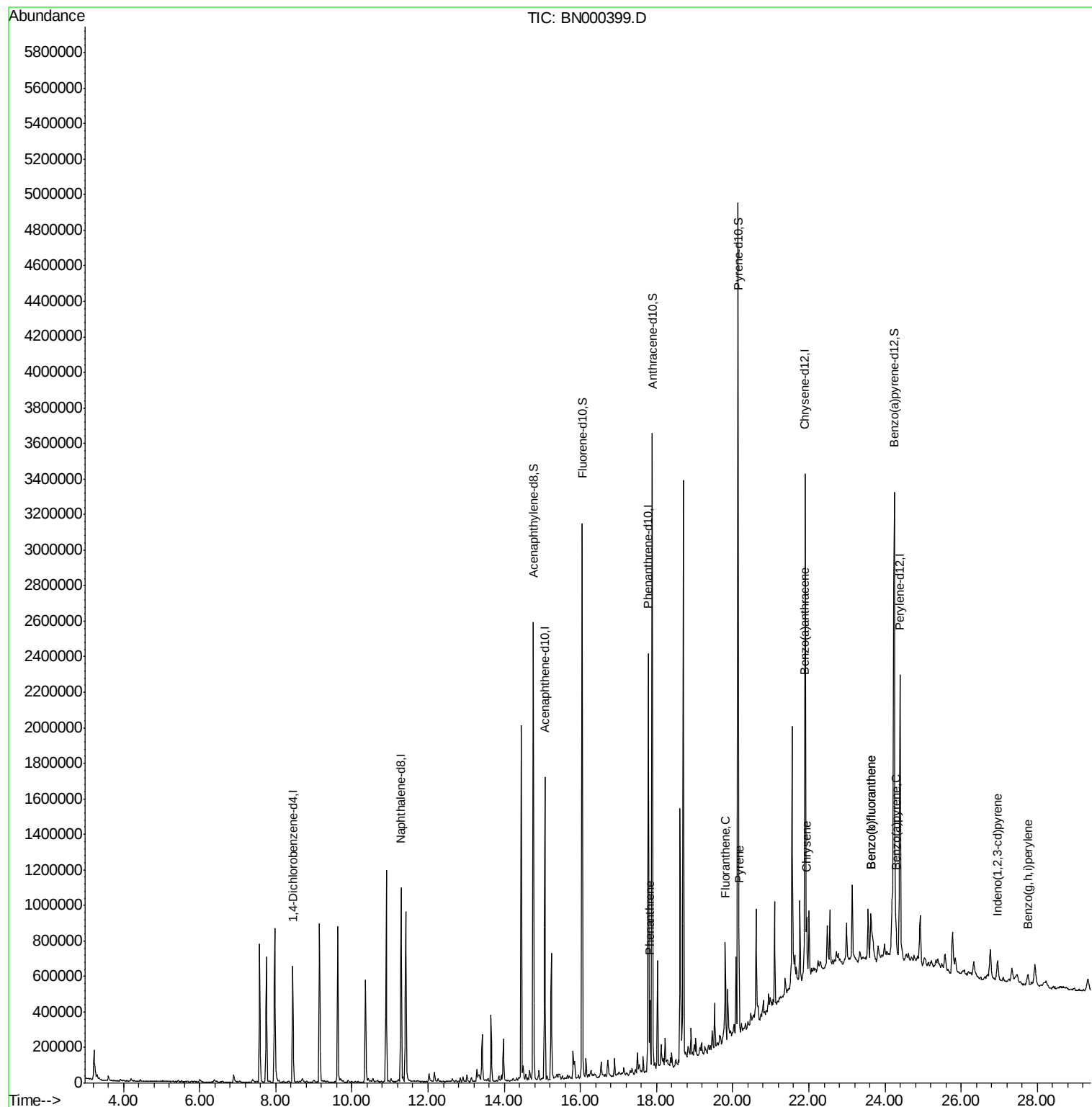
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	184038	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	915633	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	539753	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1236831	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1220759	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1129256	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1788669	33.39	ng/ul	0.00
10) Fluorene-d10	16.05	176	1192847	32.88	ng/ul	0.00
14) Anthracene-d10	17.89	188	1919567	33.22	ng/ul	0.00
18) Pyrene-d10	20.14	212	2201152	36.86	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1755490	34.04	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	152059	2.144	ng/ul	99
16) Fluoranthene	19.80	202	310467	4.051	ng/ul#	92
19) Pyrene	20.17	202	281165	3.648	ng/ul#	92
20) Benzo(a)anthracene	21.89	228	142678	1.880	ng/ul	97
21) Chrysene	21.95	228	156307	2.170	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	205214	3.048	ng/ul#	91
24) Benzo(k)fluoranthene	23.63	252	205214	3.256	ng/ul#	91
26) Benzo(a)pyrene	24.28	252	128981	2.013	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.96	276	89373	1.293	ng/ul#	86
29) Benzo(g,h,i)perylene	27.75	276	79698	1.381	ng/ul#	86

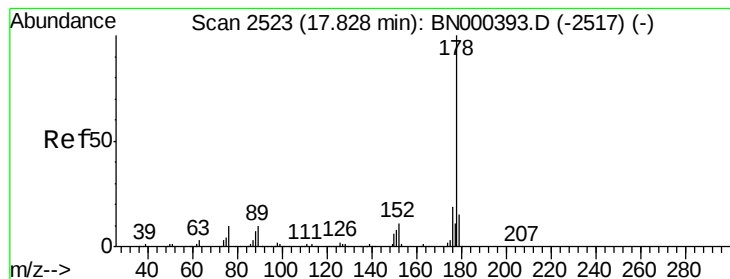
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.144 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000399.D

Acq: 15 Mar 2018 05:35

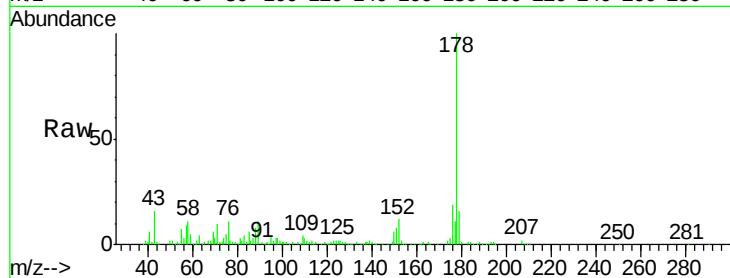
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 152059

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.3	15.1	22.7

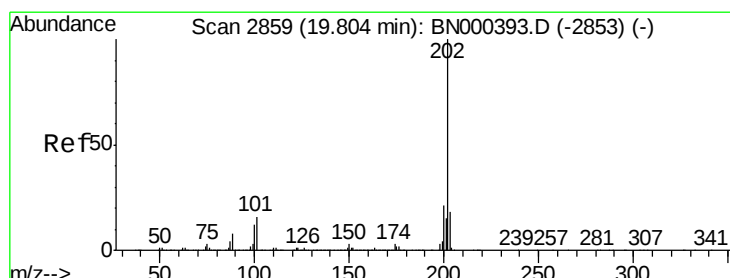
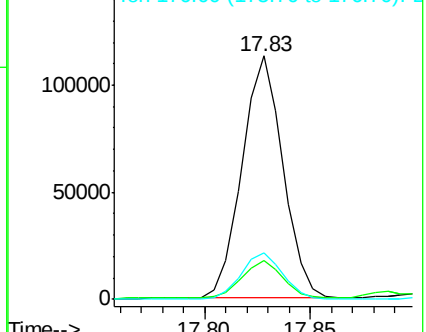
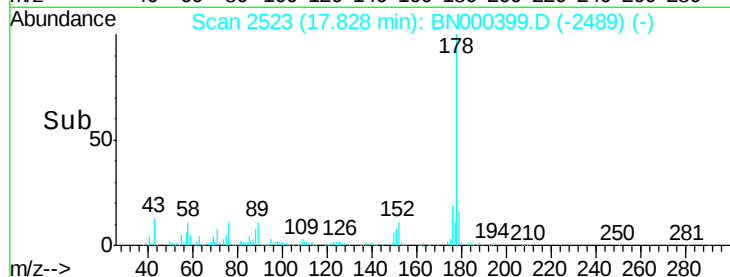


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 4.051 ng/ul

RT: 19.80 min Scan# 2859

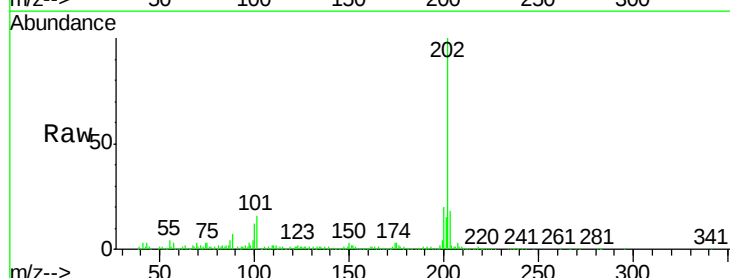
Delta R.T. -0.00 min

Lab File: BN000399.D

Acq: 15 Mar 2018 05:35

Tgt Ion:202 Resp: 310467

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	11.6	7.4	11.0#

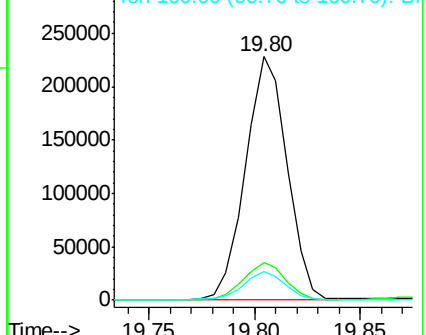
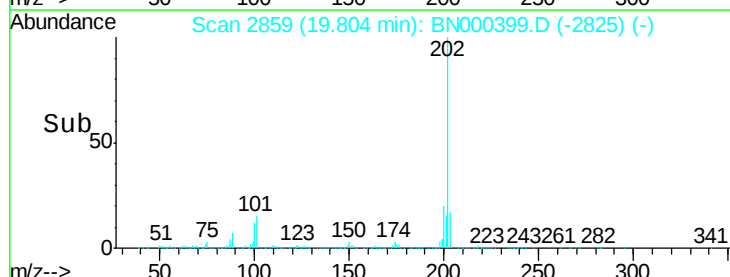


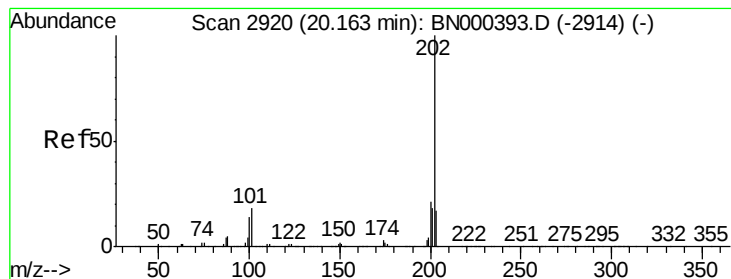
Abundance

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

Pvrene

Concen: 3.648 ng/ul

RT: 20.17 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BN000399.D

Acq: 15 Mar 2018 05:35

Instrument :

BNA_N

ClientSampleId :

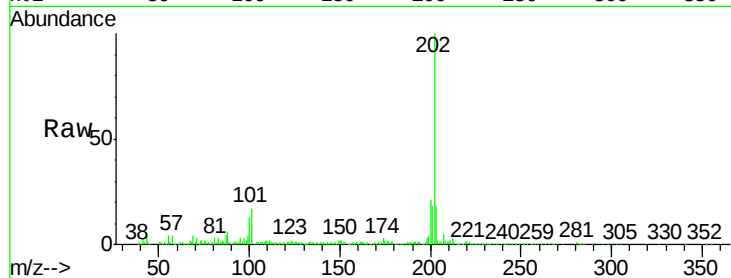
Tot Ion:202 Resp: 281165

Ion Ratio Lower Upper

202 100

101 17.0 11.0 16.4#

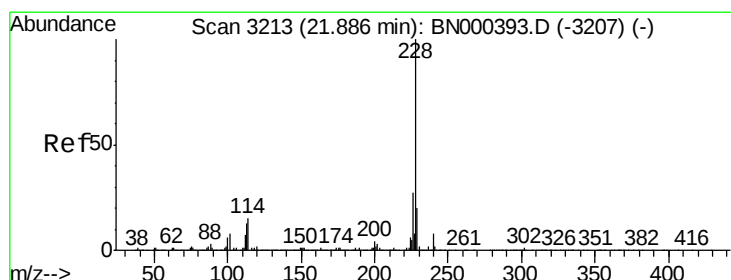
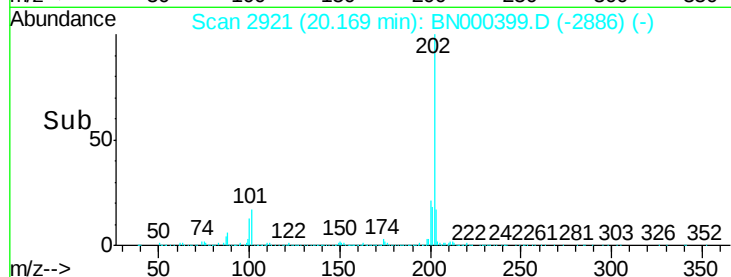
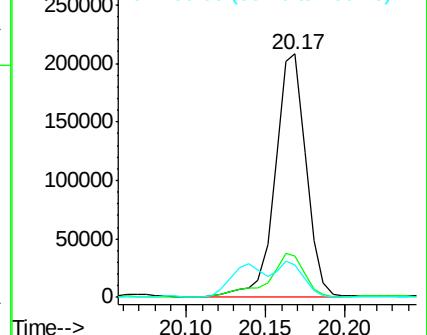
100 13.3 8.1 12.1#



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: 1.880 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000399.D

Acq: 15 Mar 2018 05:35

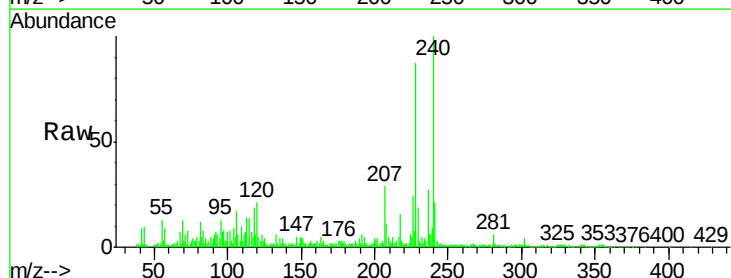
Tgt Ion:228 Resp: 142678

Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

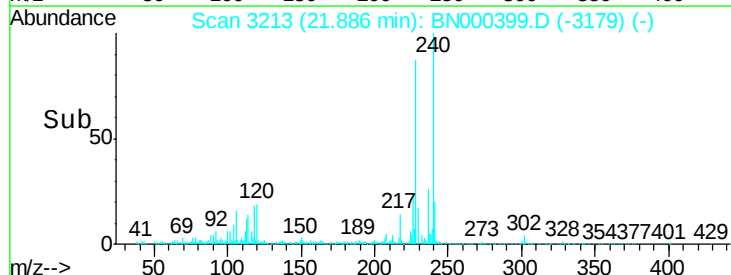
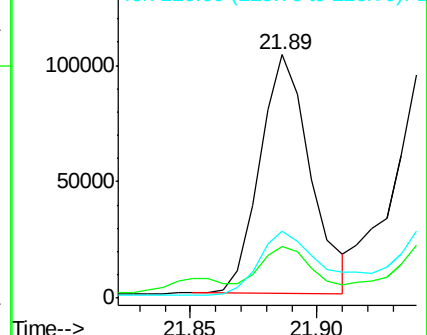
226 27.4 21.1 31.7

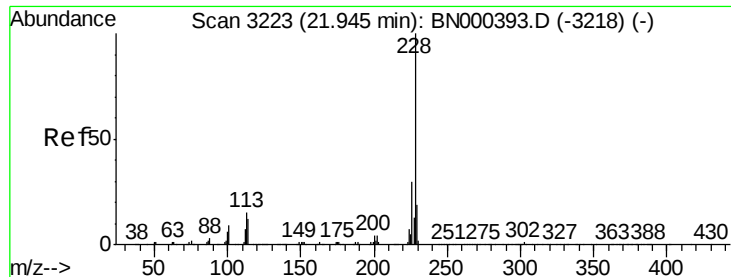


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.170 ng/ul

RT: 21.95 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BN000399.D

Acq: 15 Mar 2018 05:35

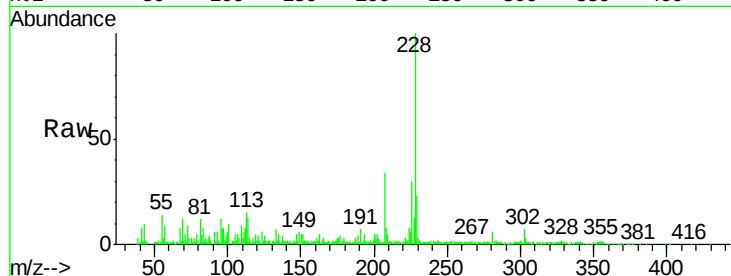
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 156307

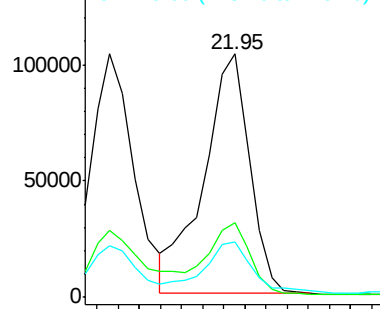
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	22.6	15.8	23.8



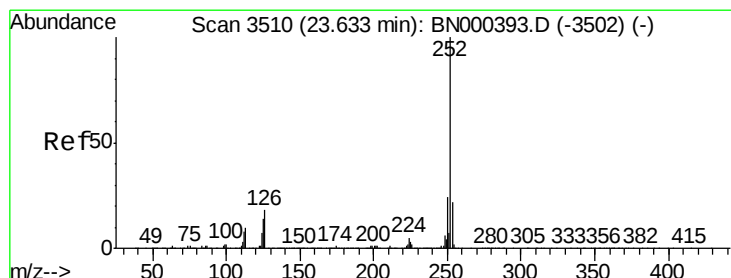
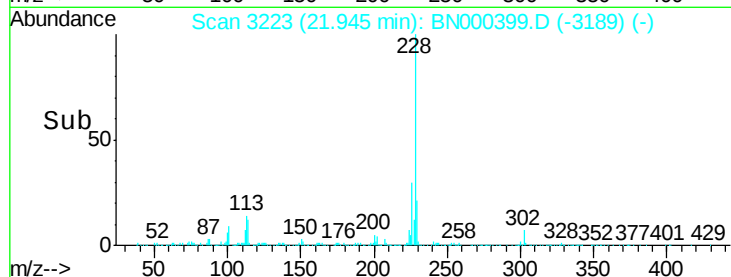
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#23

Benzo(b)fluoranthene

Concen: 3.048 ng/ul

RT: 23.63 min Scan# 3510

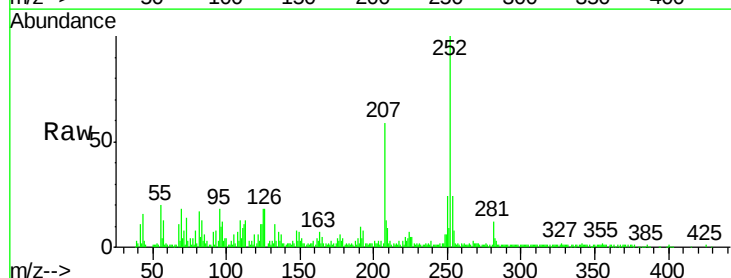
Delta R.T. -0.00 min

Lab File: BN000399.D

Acq: 15 Mar 2018 05:35

Tgt Ion:252 Resp: 205214

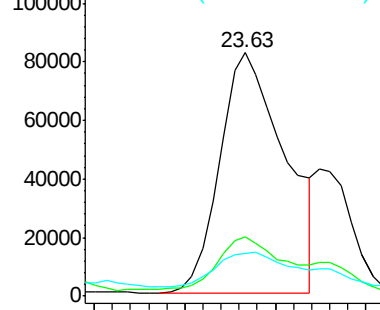
Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	17.6	8.0	12.0



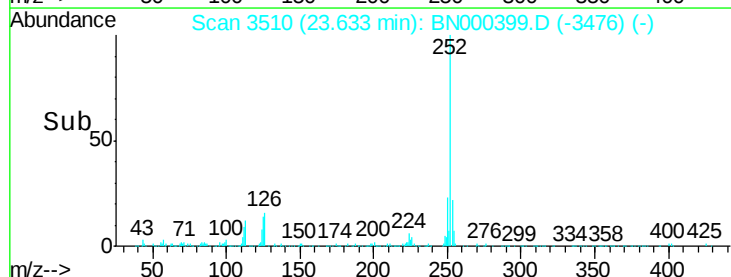
Abundance Ion 252.00 (251.70 to 252.70): E

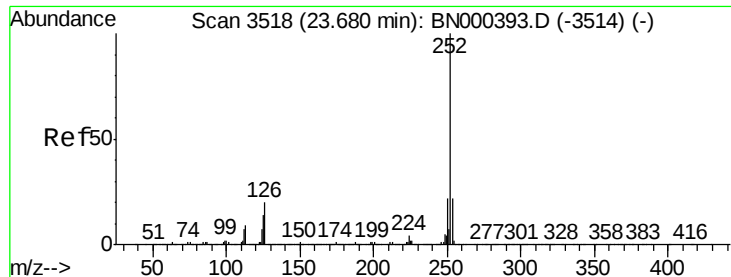
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

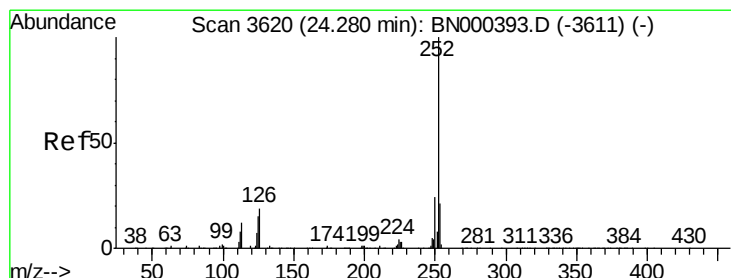
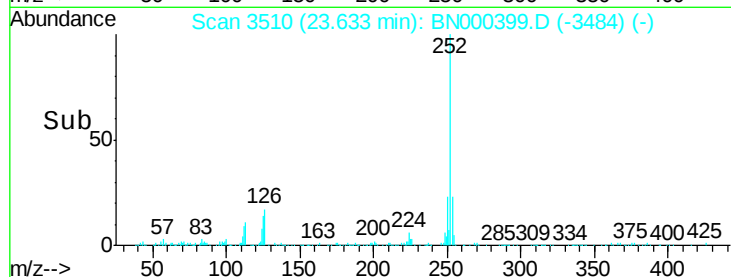
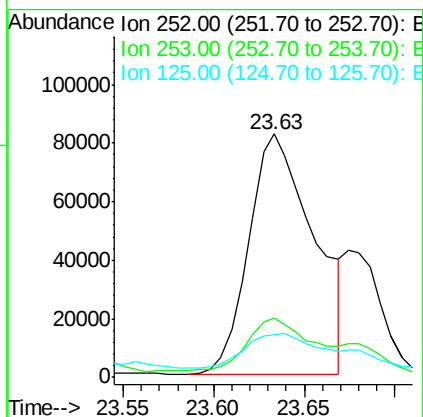
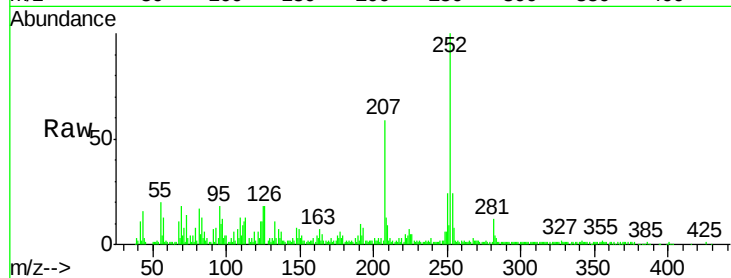




#24
Benzo(k)fluoranthene
Concen: 3.256 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. -0.05 min
Lab File: BN000399.D
Acq: 15 Mar 2018 05:35

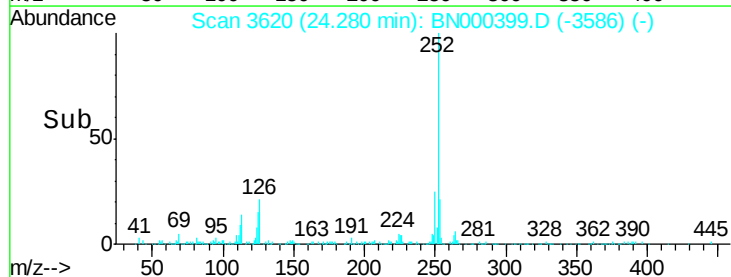
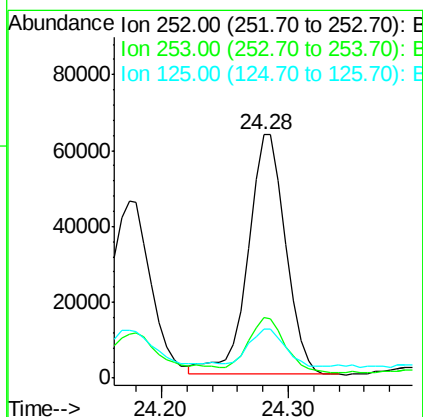
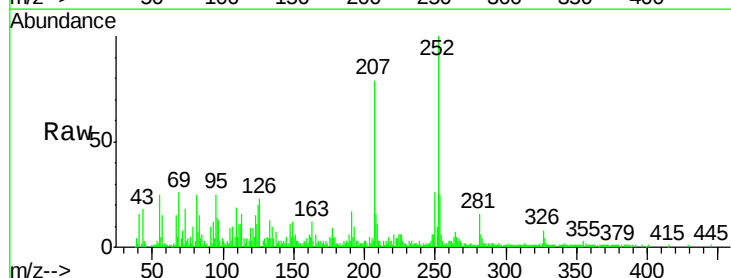
Instrument :
BNA_N
ClientSampleId :

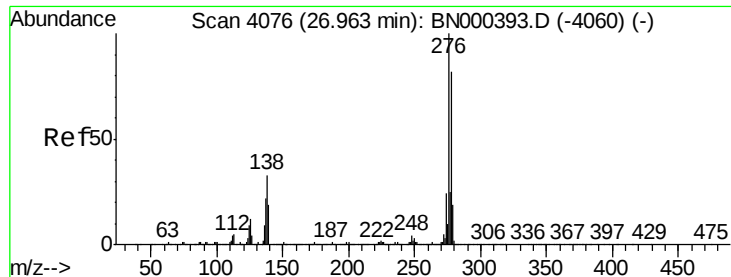
Tot Ion:252 Resp: 205214
Ion Ratio Lower Upper
252 100
253 24.2 18.0 27.0
125 17.6 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 2.013 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000399.D
Acq: 15 Mar 2018 05:35

Tgt Ion:252 Resp: 128981
Ion Ratio Lower Upper
252 100
253 24.8 17.2 25.8
125 20.0 8.2 12.4#

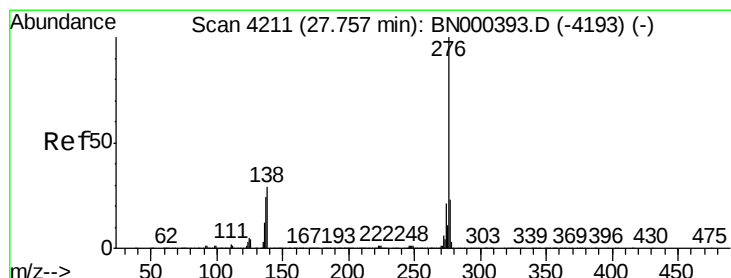
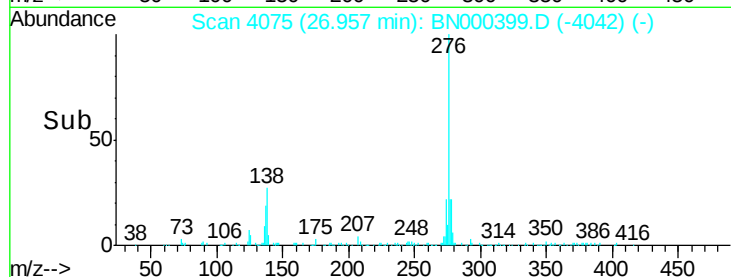
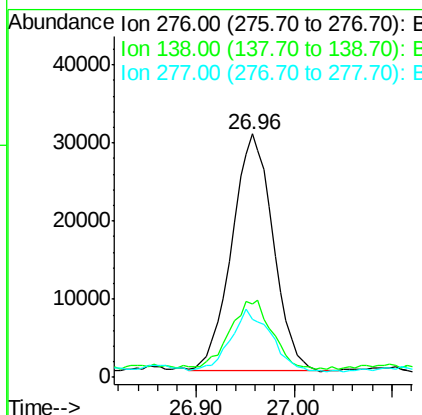
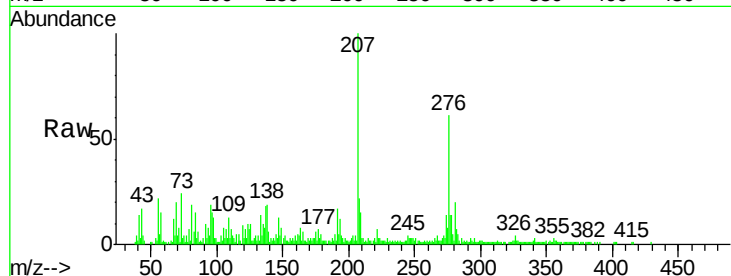




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.293 ng/ul
 RT: 26.96 min Scan# 4075
 Delta R.T. -0.01 min
 Lab File: BN000399.D
 Acq: 15 Mar 2018 05:35

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 89373
 Ion Ratio Lower Upper
 276 100
 138 30.4 14.4 21.6#
 277 23.6 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.381 ng/ul
 RT: 27.75 min Scan# 4210
 Delta R.T. -0.01 min
 Lab File: BN000399.D
 Acq: 15 Mar 2018 05:35

Tgt Ion:276 Resp: 79698
 Ion Ratio Lower Upper
 276 100
 138 31.6 15.3 22.9#
 277 25.1 19.0 28.4

