

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000898.D
 Acq On : 25 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2485-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 07:58:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133930	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	569823	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	286354	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	587202	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	566790	20.00	ng/ul	-0.01
22) Perylene-d12	23.40	264	592050	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.94	160	906854	32.97	ng/ul	0.00
10) Fluorene-d10	15.25	176	636356	34.67	ng/ul	0.00
14) Anthracene-d10	17.10	188	927291	34.53	ng/ul	0.00
18) Pyrene-d10	19.40	212	988435	34.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1070327	38.27	ng/ul	-0.01

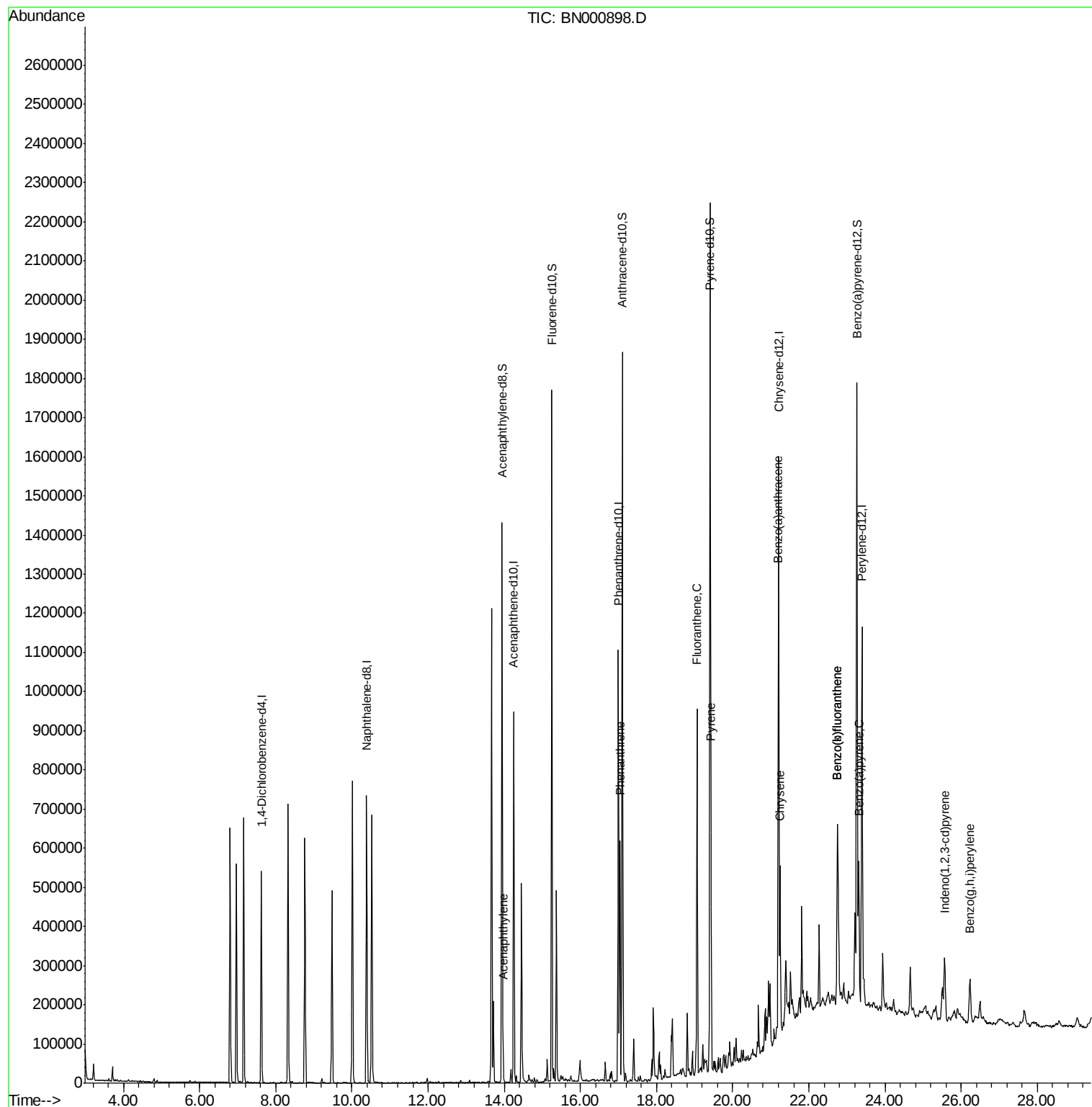
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthylene	13.97	152	27490	1.010	ng/ul	98
13) Phenanthrene	17.04	178	336305	10.501	ng/ul	99
16) Fluoranthene	19.06	202	525530	16.174	ng/ul#	91
19) Pyrene	19.43	202	376340	10.337	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	132641	3.915	ng/ul	95
21) Chrysene	21.24	228	214787	6.745	ng/ul	96
23) Benzo(b)fluoranthene	22.74	252	393180	11.686	ng/ul#	96
24) Benzo(k)fluoranthene	22.74	252	398957	12.118	ng/ul#	96
26) Benzo(a)pyrene	23.30	252	152678	4.748	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.56	276	136215	3.507	ng/ul#	88
29) Benzo(g,h,i)perylene	26.23	276	115504	3.556	ng/ul#	89

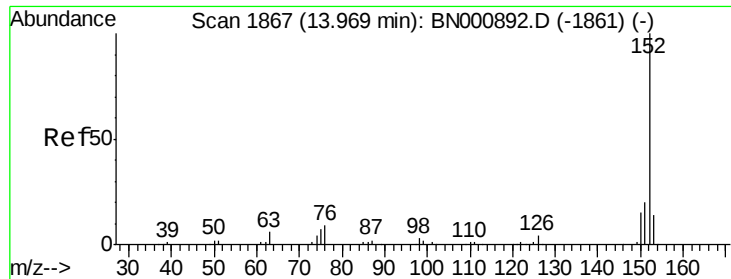
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthylene

Concen: 1.010 ng/ul

RT: 13.97 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

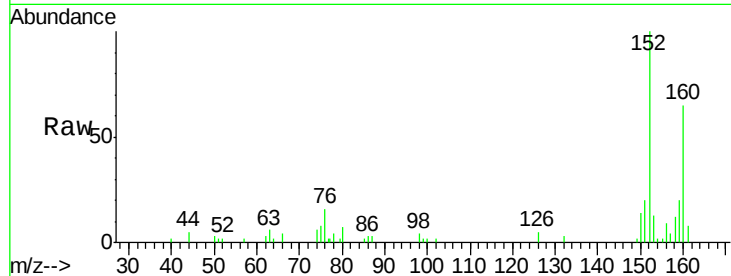
Instrument :

BNA_N

ClientSampled :

Tot Ion:152 Resp: 27490

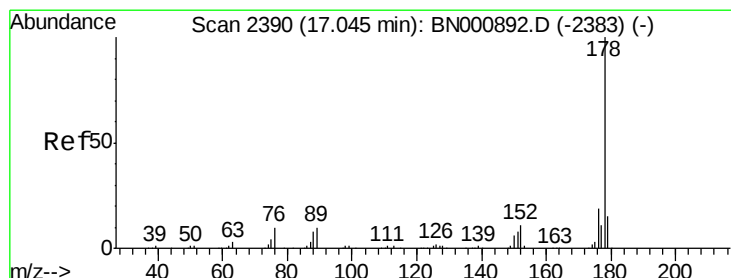
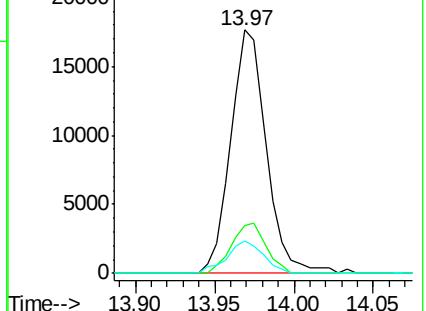
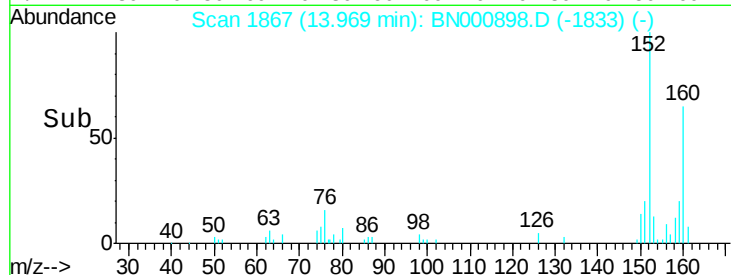
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.7	25.1
153	13.2	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#13

Phenanthrene

Concen: 10.501 ng/ul

RT: 17.04 min Scan# 2389

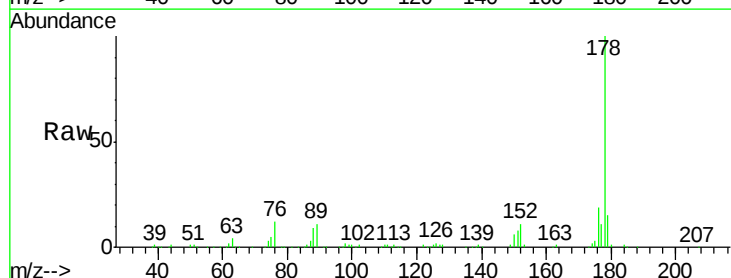
Delta R.T. -0.01 min

Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

Tgt Ion:178 Resp: 336305

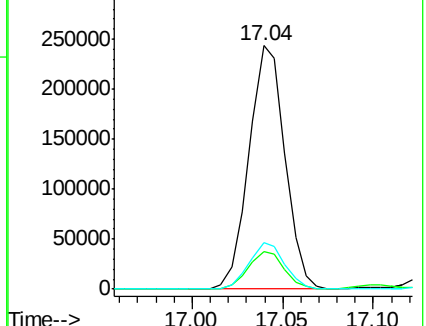
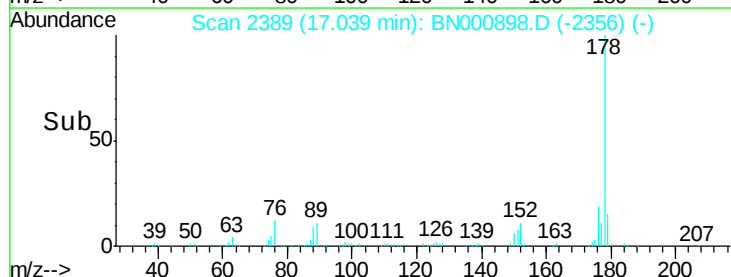
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.1	15.1	22.7

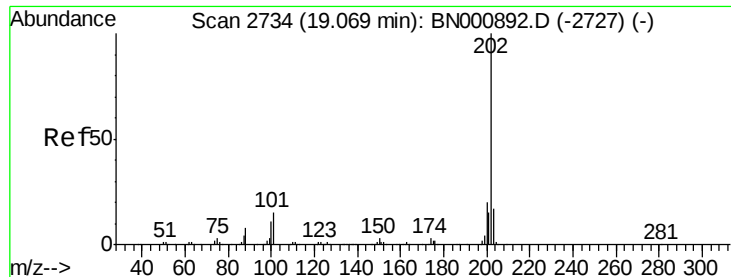


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 16.174 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

Instrument :

BNA_N

ClientSampled :

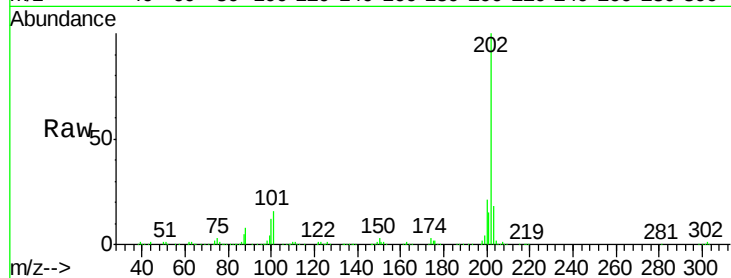
Tot Ion:202 Resp: 525530

Ion Ratio Lower Upper

202 100

101 16.2 9.9 14.9#

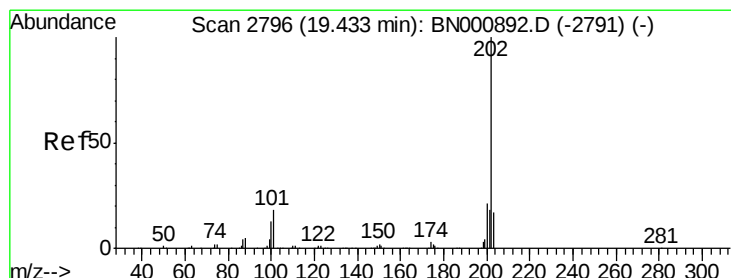
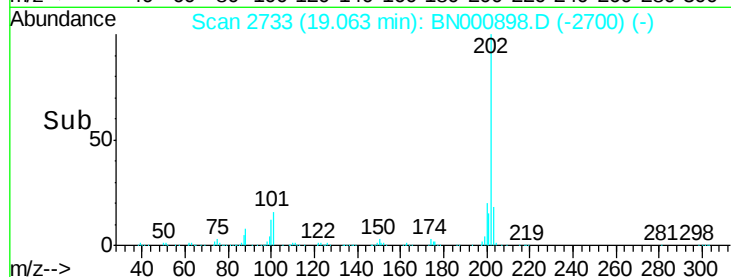
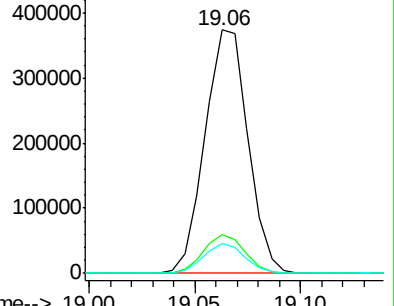
100 12.0 7.4 11.0#



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

Pyrene

Concen: 10.337 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

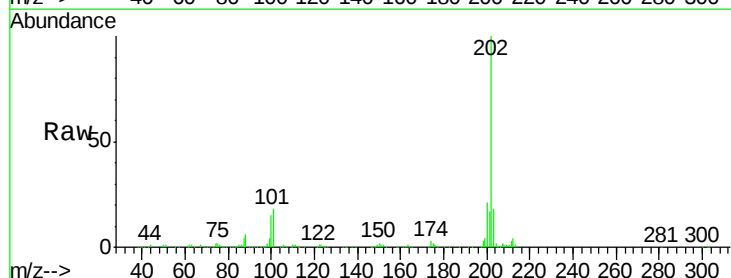
Tgt Ion:202 Resp: 376340

Ion Ratio Lower Upper

202 100

101 18.3 11.0 16.4#

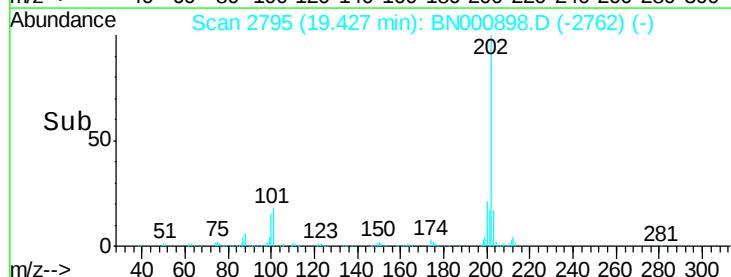
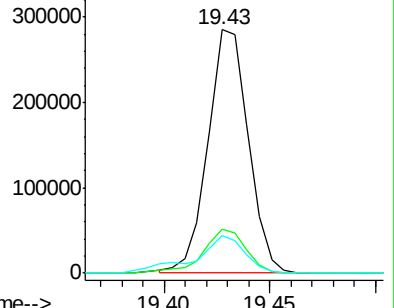
100 15.3 8.1 12.1#

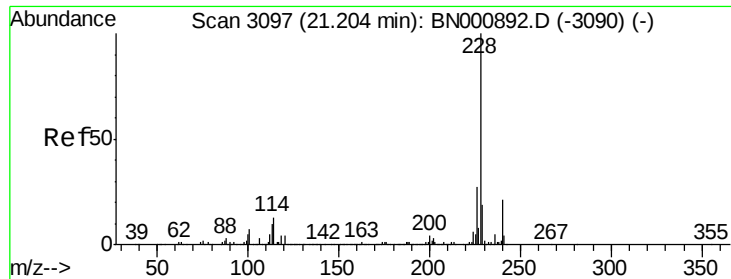


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 3.915 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

Instrument :

BNA_N

ClientSampleId :

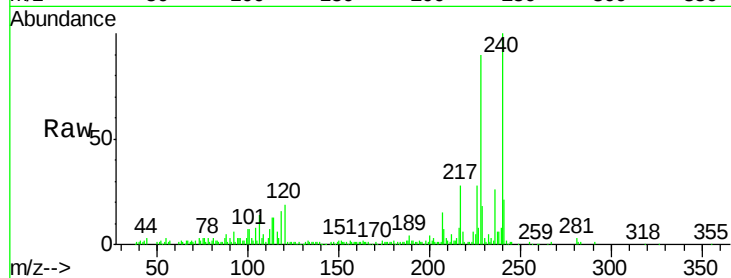
Tot Ion:228 Resp: 132641

Ion Ratio Lower Upper

228 100

229 20.0 15.7 23.5

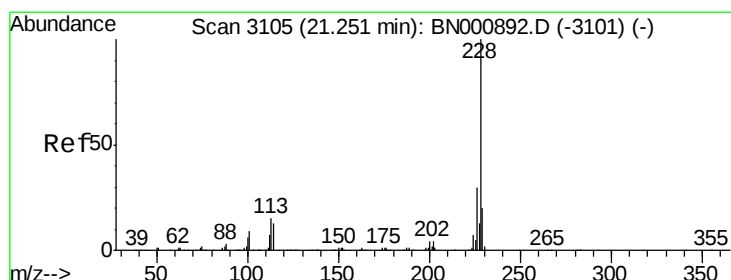
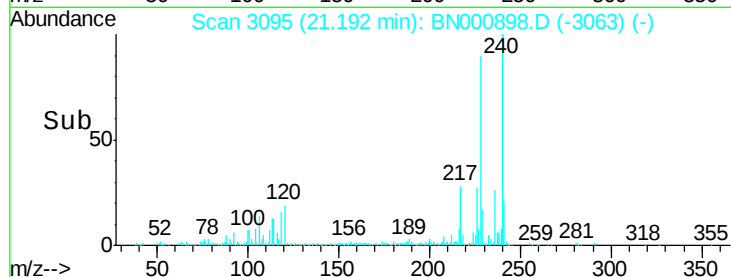
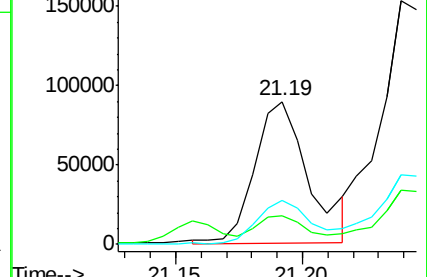
226 31.0 21.1 31.7



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: 6.745 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

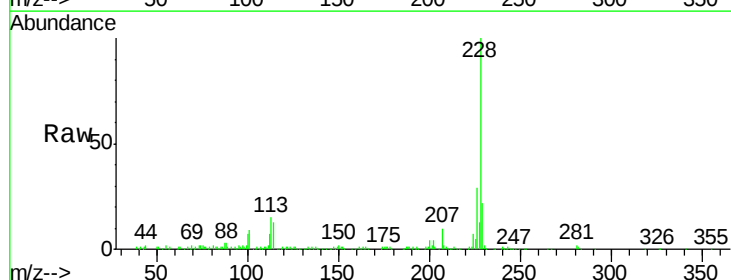
Tgt Ion:228 Resp: 214787

Ion Ratio Lower Upper

228 100

226 28.6 24.5 36.7

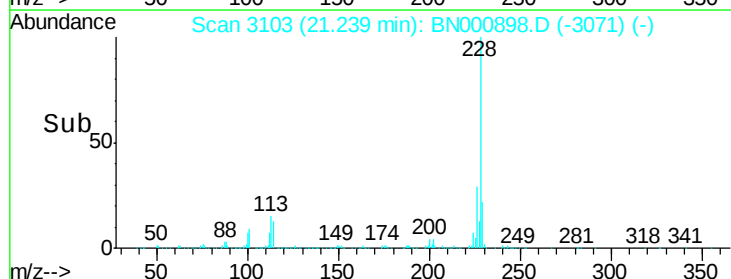
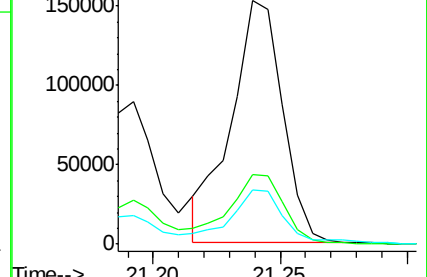
229 22.0 15.8 23.8

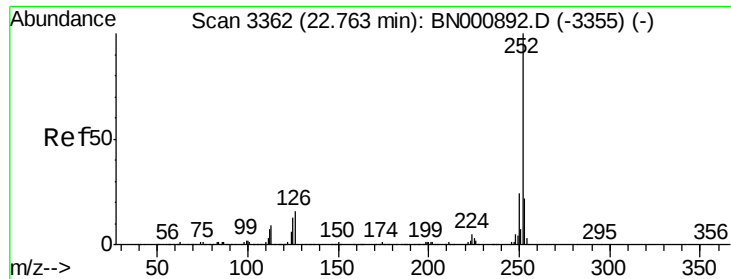


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 11.686 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

Instrument :

BNA_N

ClientSampleId :

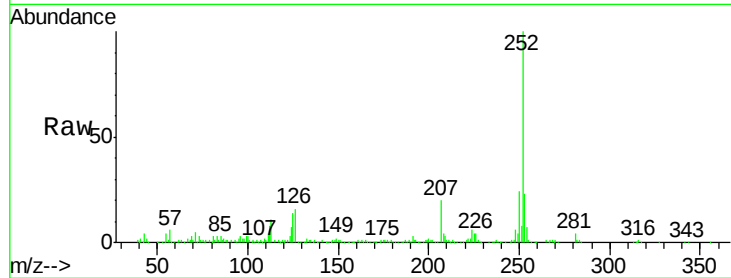
Tot Ion:252 Resp: 393180

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

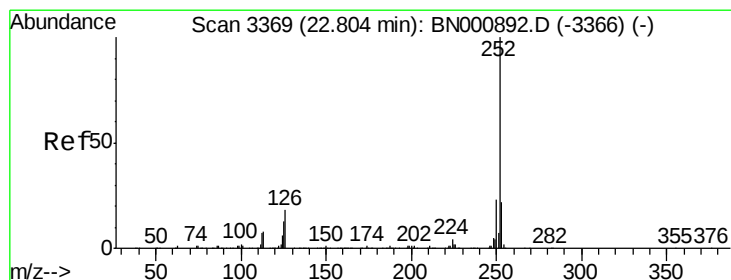
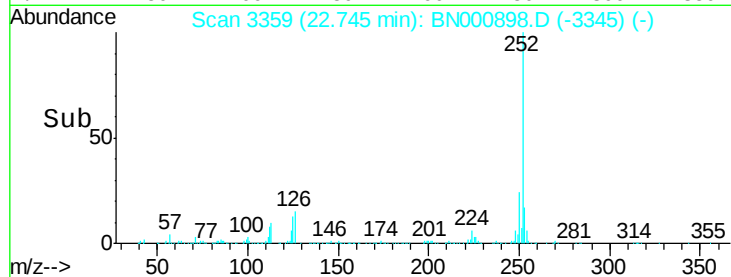
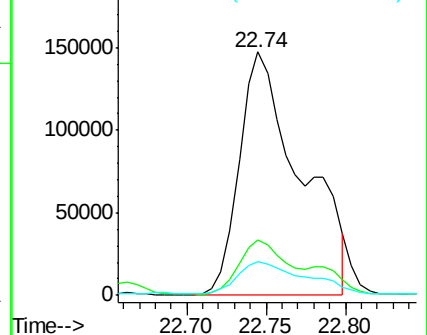
125 13.9 8.0 12.0#



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: 12.118 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.06 min

Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

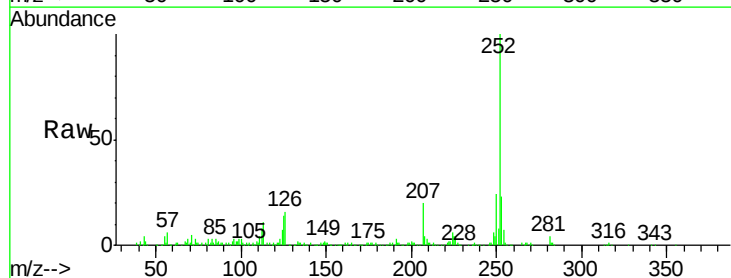
Tgt Ion:252 Resp: 398957

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

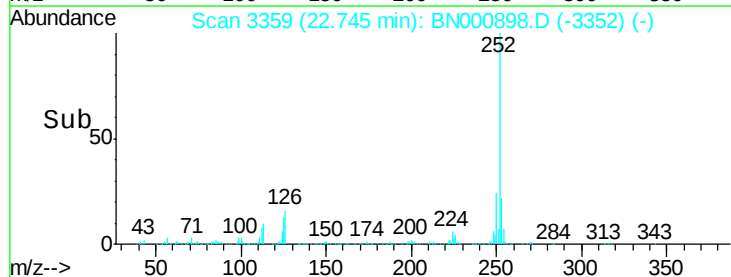
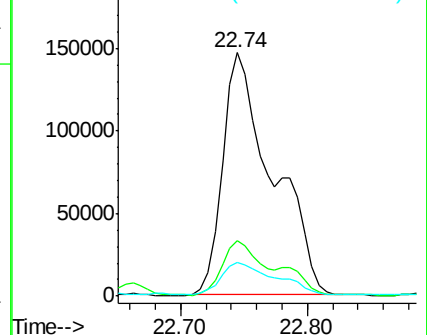
125 13.9 8.1 12.1#

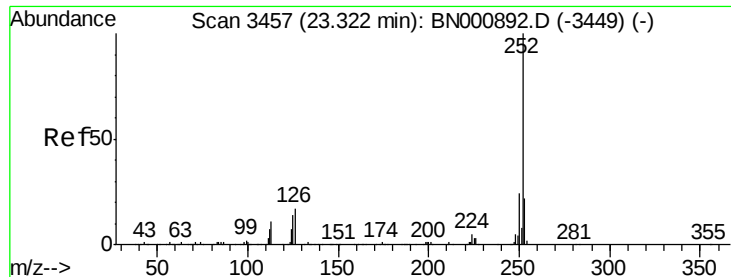


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 4.748 ng/ul

RT: 23.30 min Scan# 3454

Delta R.T. -0.02 min

Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

Instrument :

BNA_N

ClientSampleId :

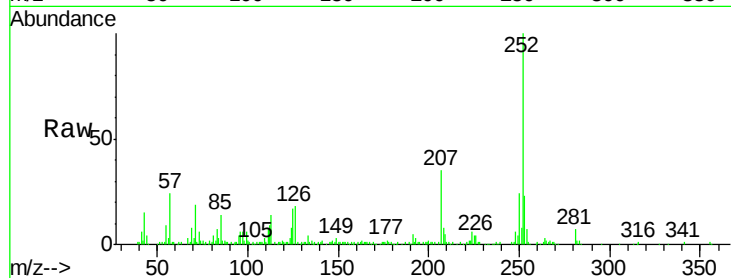
Tot Ion:252 Resp: 152678

Ion Ratio Lower Upper

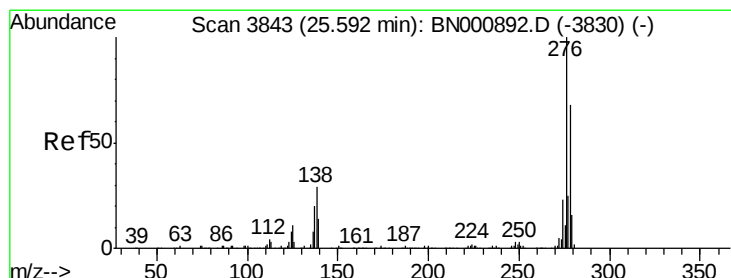
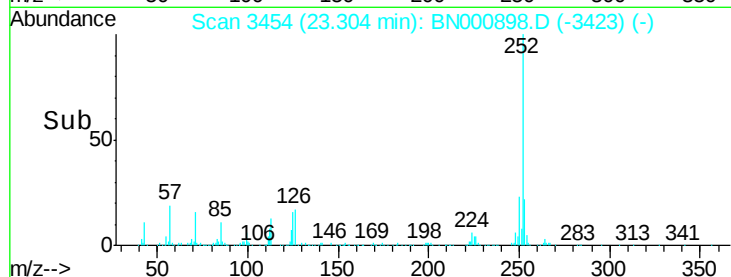
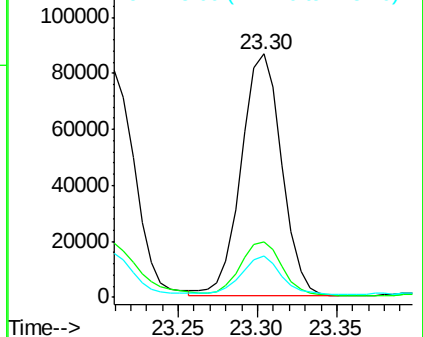
252 100

253 22.9 17.2 25.8

125 17.0 8.2 12.4#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.507 ng/ul

RT: 25.56 min Scan# 3838

Delta R.T. -0.03 min

Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

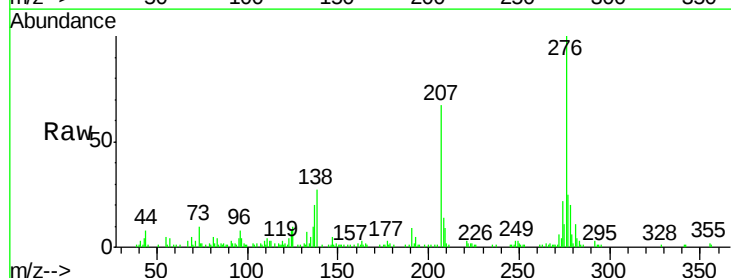
Tgt Ion:276 Resp: 136215

Ion Ratio Lower Upper

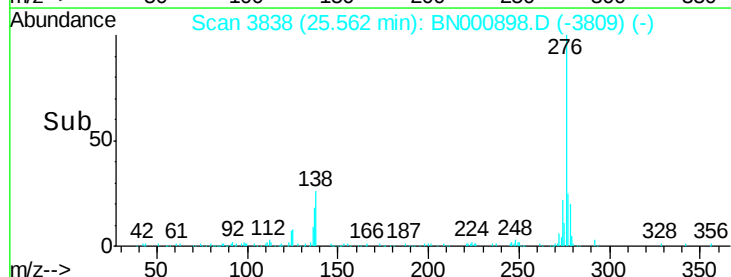
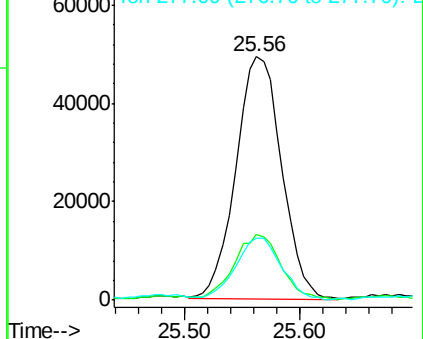
276 100

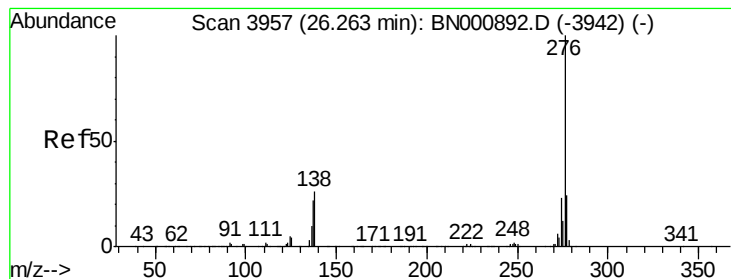
138 27.0 14.4 21.6#

277 25.2 18.0 27.0



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





#29

Benzo(a,h,i)perylene

Concen: 3.556 ng/ul

RT: 26.23 min Scan# 3951

Delta R.T. -0.04 min

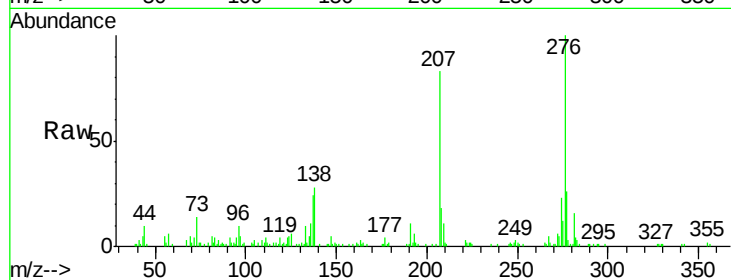
Lab File: BN000898.D

Acq: 25 Apr 2018 19:15

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	115504
Ion Ratio	Lower	Upper	
276	100		
138	27.6	15.3	22.9#
277	25.6	19.0	28.4

