

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000897.D
 Acq On : 25 Apr 2018 18:40
 Operator : JU/SJ
 Sample : J2485-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 07:58:35 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

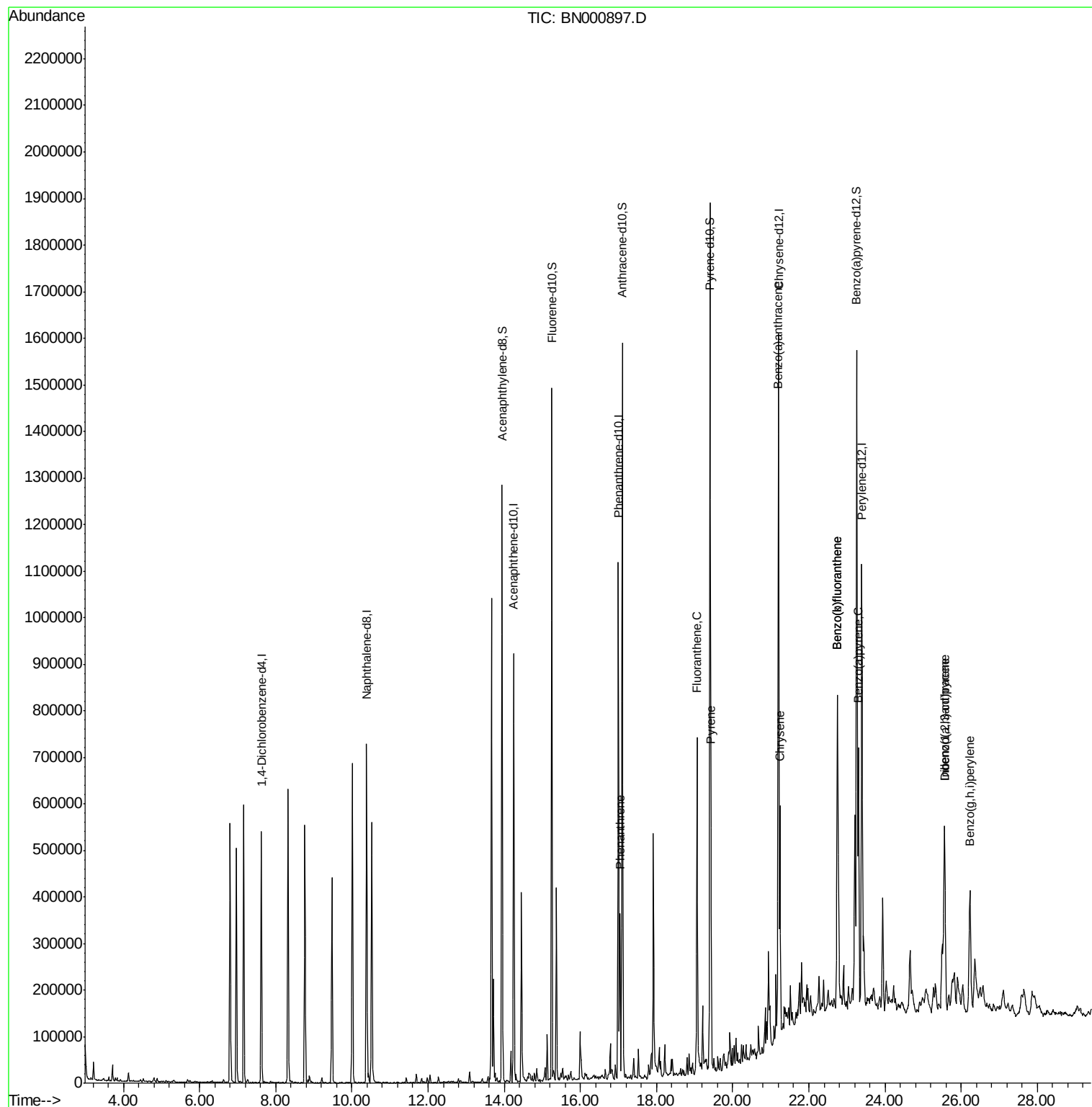
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133705	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	565963	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	283963	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	578887	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	562796	20.00	ng/ul	-0.01
22) Perylene-d12	23.39	264	593266	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	801836	29.40	ng/ul	0.00
10) Fluorene-d10	15.25	176	556110	30.55	ng/ul	0.00
14) Anthracene-d10	17.10	188	799203	30.19	ng/ul	0.00
18) Pyrene-d10	19.40	212	845041	29.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	917756	32.75	ng/ul	-0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	192522	6.098	ng/ul	99
16) Fluoranthene	19.06	202	367208	11.463	ng/ul#	92
19) Pyrene	19.43	202	319335	8.834	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	223881	6.655	ng/ul	97
21) Chrysene	21.24	228	229861	7.269	ng/ul	97
23) Benzo(b)fluoranthene	22.75	252	469678	13.931	ng/ul#	97
24) Benzo(k)fluoranthene	22.75	252	504376	15.288	ng/ul#	97
26) Benzo(a)pyrene	23.30	252	316229	9.814	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.56	276	303893	7.809	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.57	278	81126	2.501	ng/ul#	85
29) Benzo(g,h,i)perylene	26.23	276	272627	8.376	ng/ul#	93

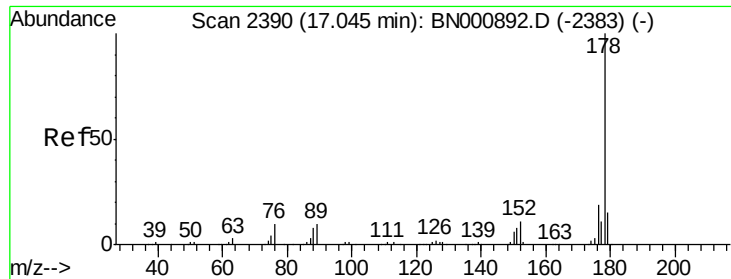
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 6.098 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000897.D

Acq: 25 Apr 2018 18:40

Instrument :

BNA_N

ClientSampleId :

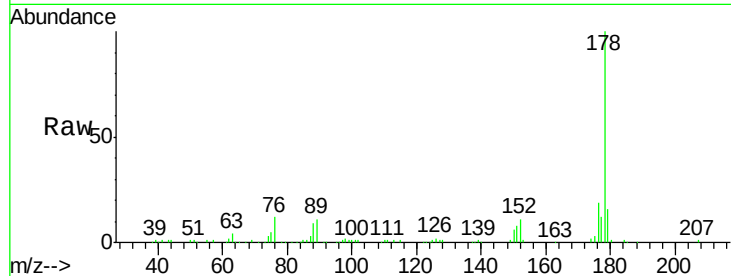
Tot Ion:178 Resp: 192522

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

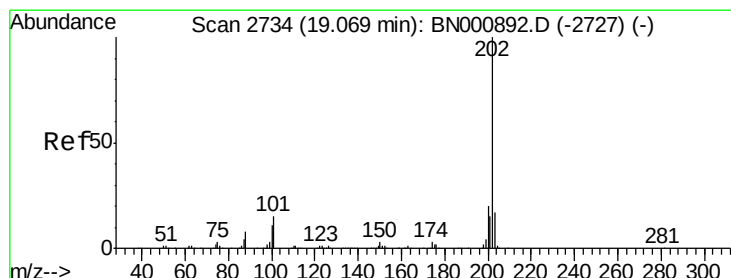
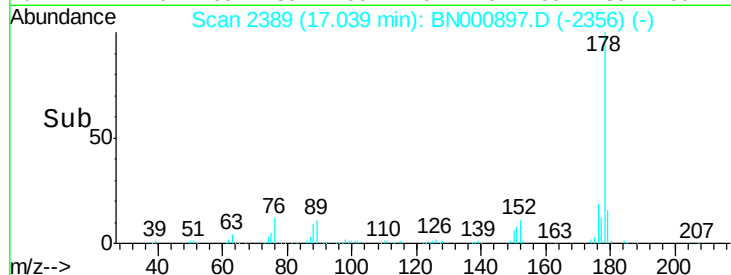
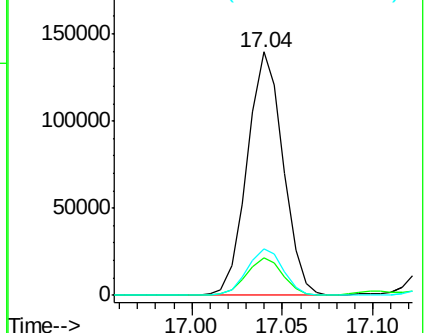
176 19.2 15.1 22.7



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: 11.463 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BN000897.D

Acq: 25 Apr 2018 18:40

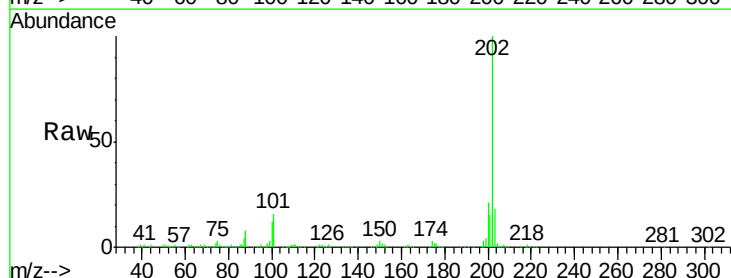
Tgt Ion:202 Resp: 367208

Ion Ratio Lower Upper

202 100

101 16.0 9.9 14.9#

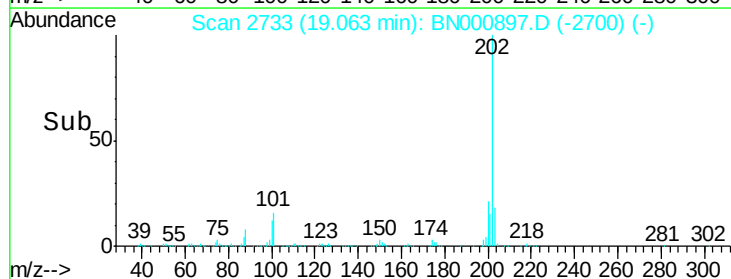
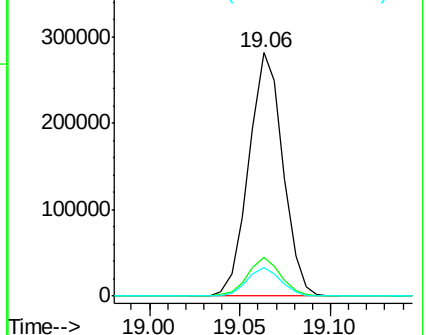
100 11.8 7.4 11.0#

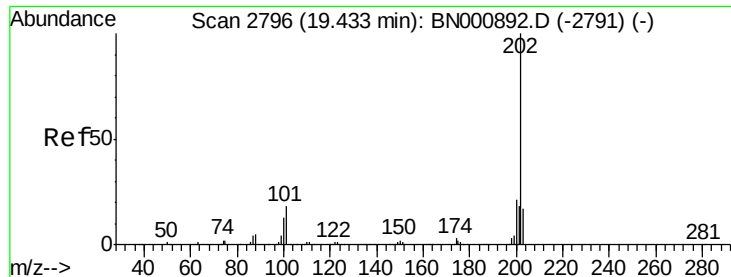


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

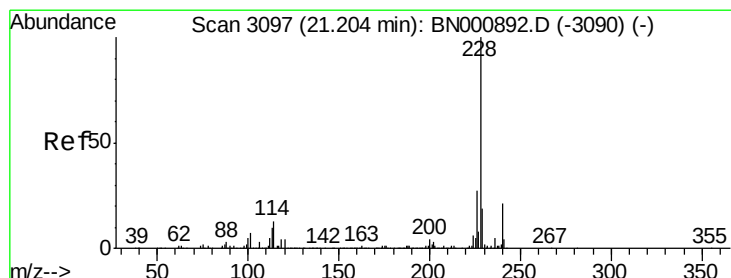
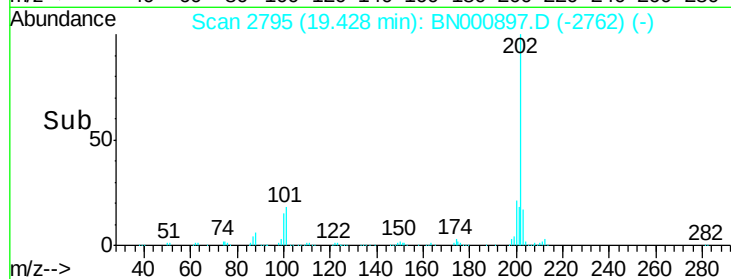
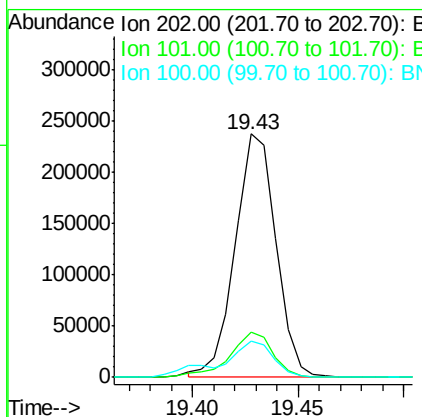
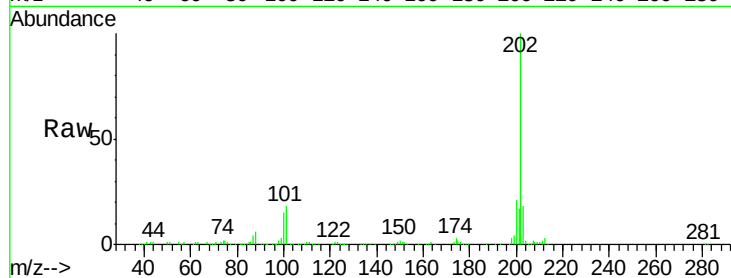




#19
Pvrene
Concen: 8.834 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BN000897.D
Acq: 25 Apr 2018 18:40

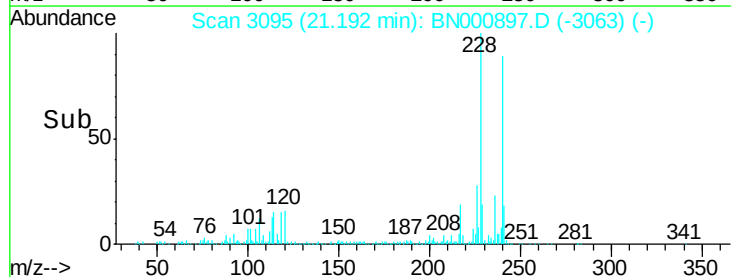
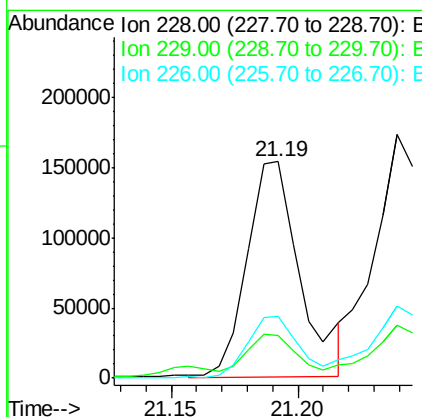
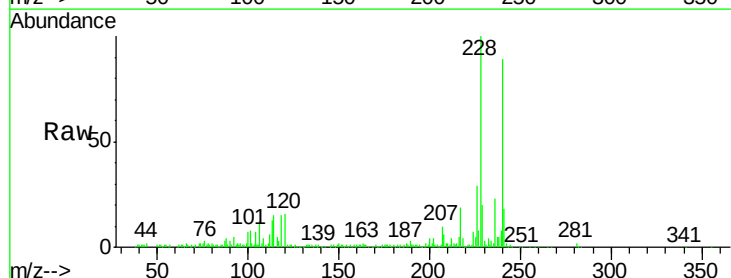
Instrument :
BNA_N
ClientSampleId :

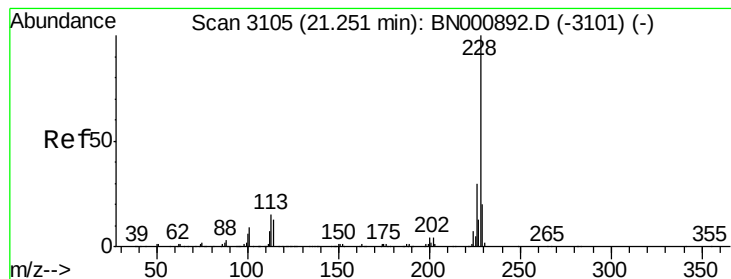
Tot Ion	Ratio	Lower	Upper
202	100		
101	18.4	11.0	16.4#
100	14.8	8.1	12.1#



#20
Benzo(a)anthracene
Concen: 6.655 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN000897.D
Acq: 25 Apr 2018 18:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.7	23.5
226	28.6	21.1	31.7





#21

Chrysene

Concen: 7.269 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN000897.D

Acq: 25 Apr 2018 18:40

Instrument :

BNA_N

ClientSampleId :

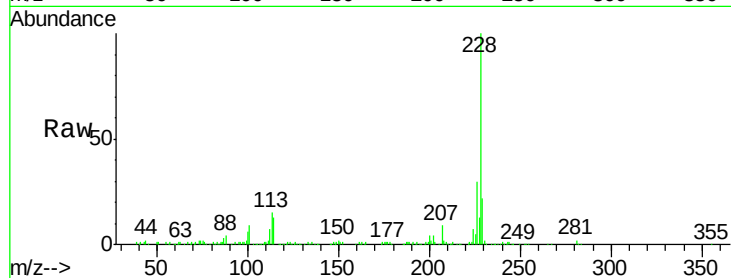
Tot Ion:228 Resp: 229861

Ion Ratio Lower Upper

228 100

226 29.6 24.5 36.7

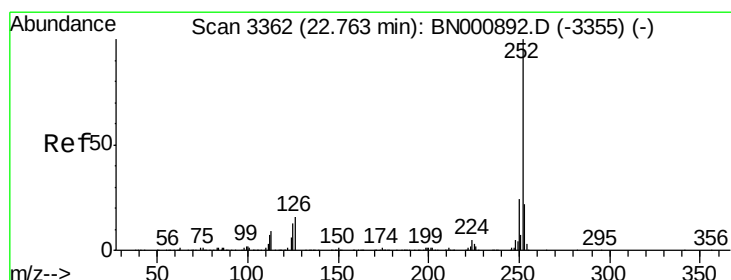
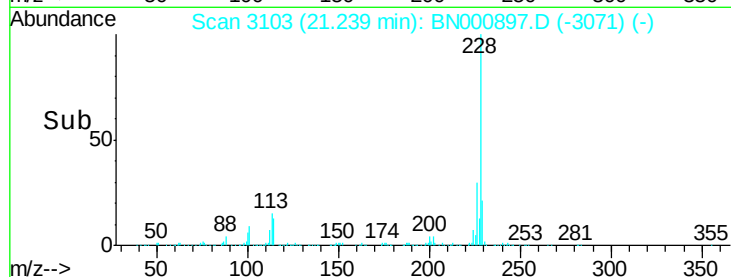
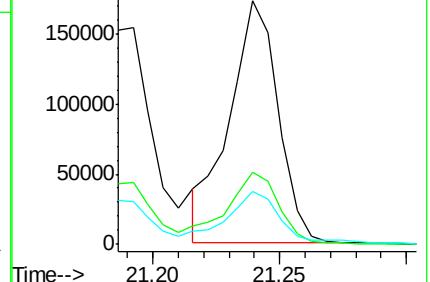
229 21.6 15.8 23.8



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



#23

Benzo(b)fluoranthene

Concen: 13.931 ng/ul

RT: 22.75 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BN000897.D

Acq: 25 Apr 2018 18:40

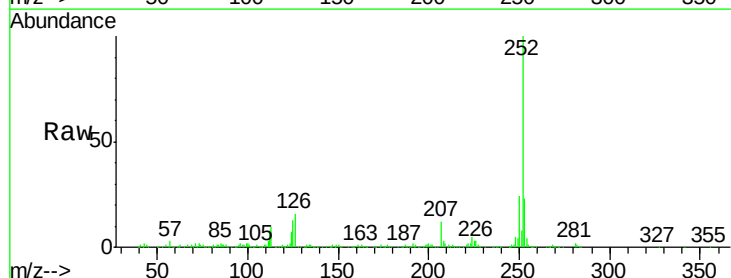
Tgt Ion:252 Resp: 469678

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

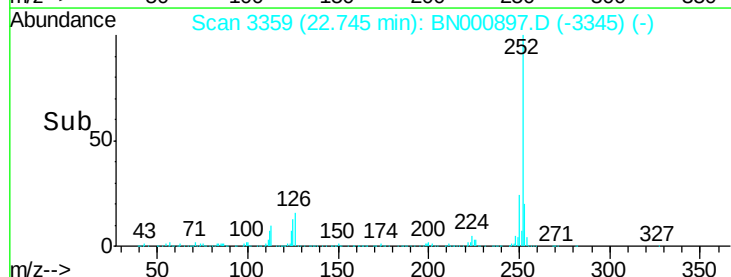
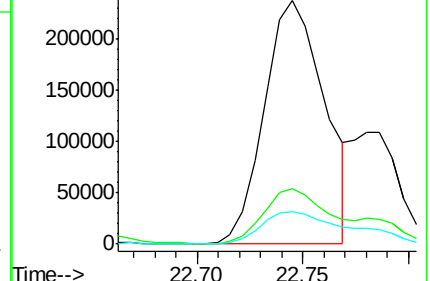
125 13.3 8.0 12.0#

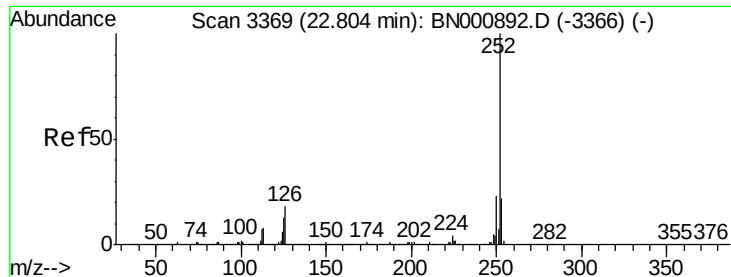


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 15.288 ng/ul

RT: 22.75 min Scan# 3359

Delta R.T. -0.06 min

Lab File: BN000897.D

Acq: 25 Apr 2018 18:40

Instrument :

BNA_N

ClientSampleId :

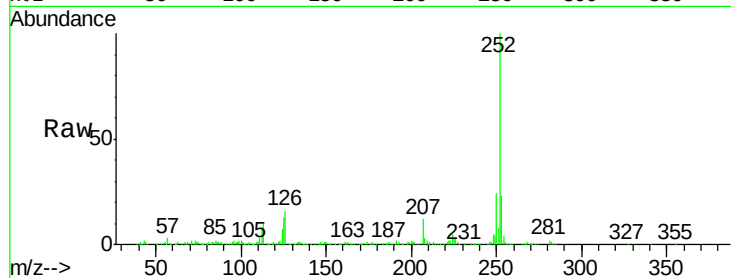
Tot Ion:252 Resp: 504376

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

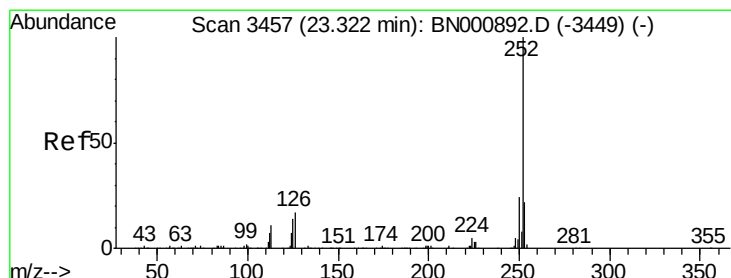
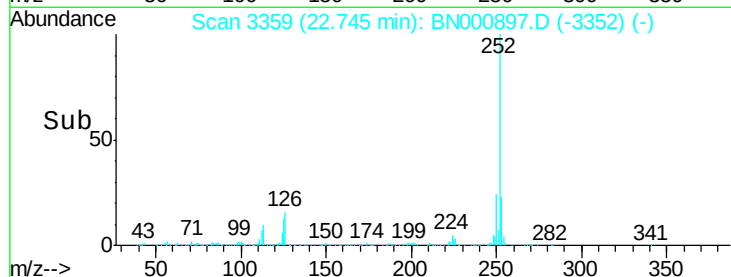
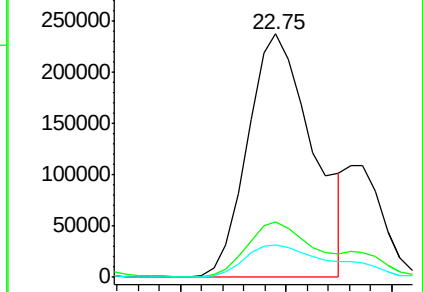
125 13.3 8.1 12.1#



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: 9.814 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BN000897.D

Acq: 25 Apr 2018 18:40

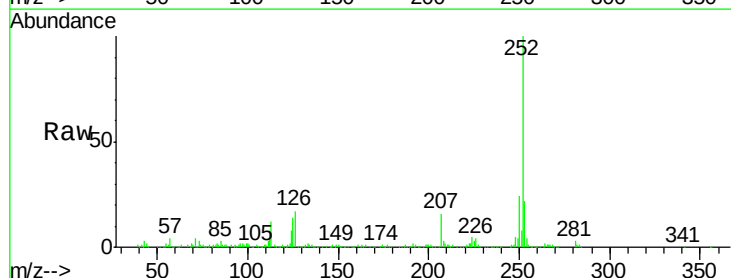
Tgt Ion:252 Resp: 316229

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

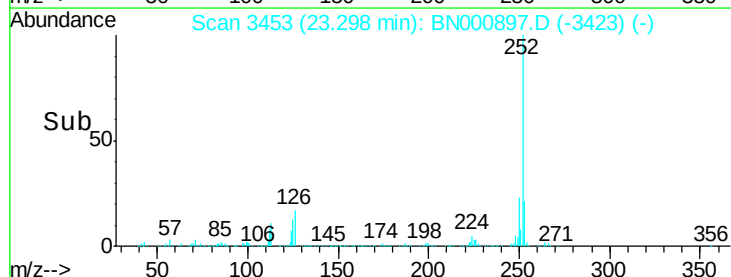
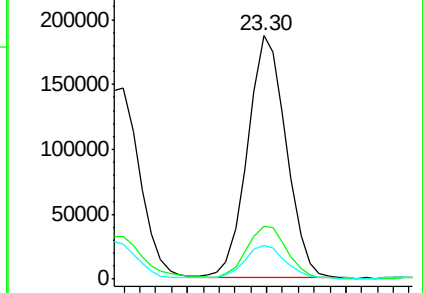
125 13.9 8.2 12.4#

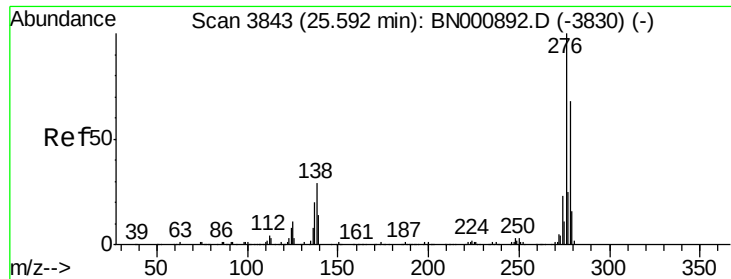


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

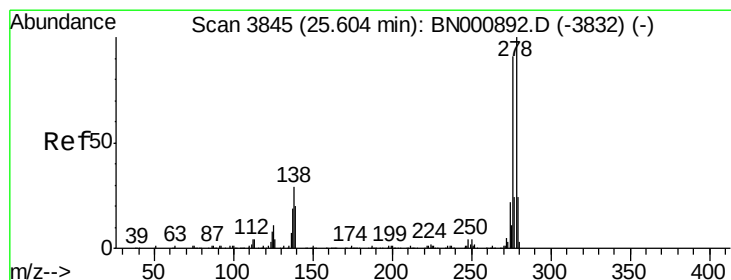
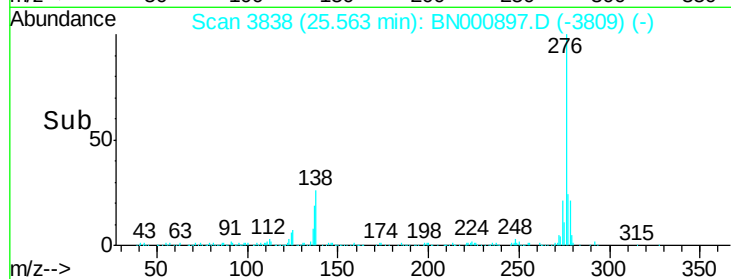
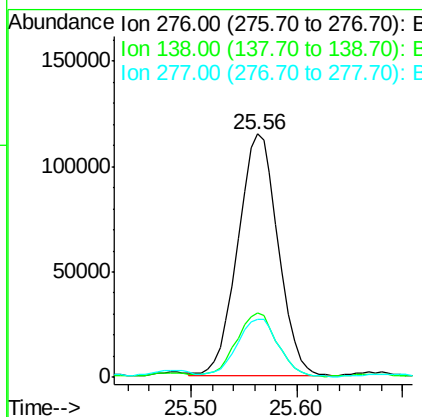
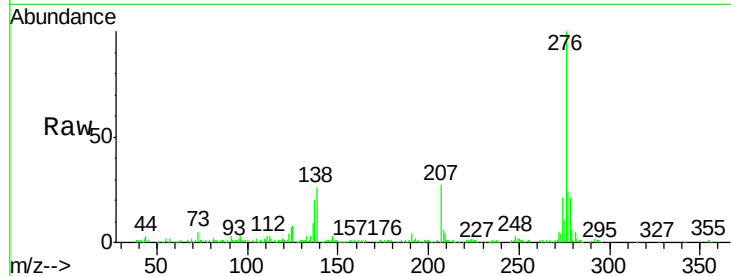




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 7.809 ng/ul
 RT: 25.56 min Scan# 3838
 Delta R.T. -0.03 min
 Lab File: BN000897.D
 Acq: 25 Apr 2018 18:40

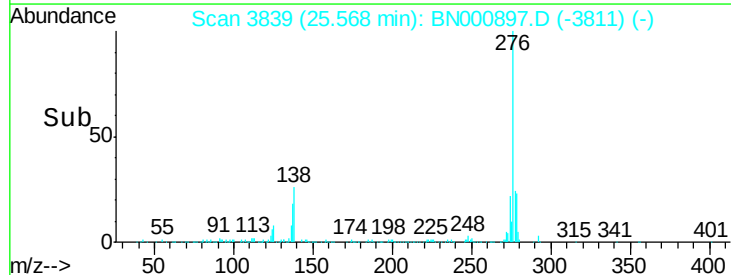
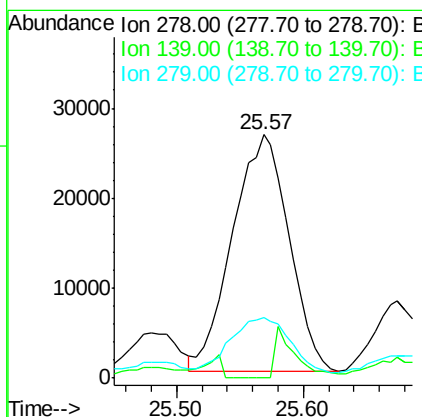
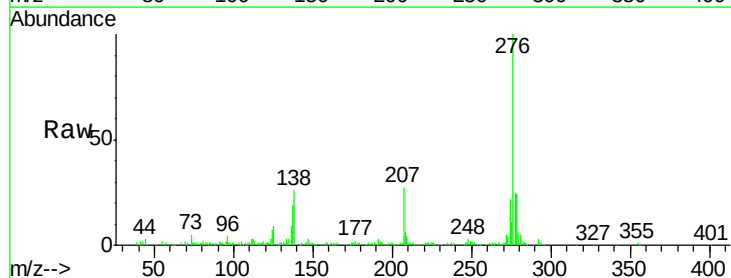
Instrument :
 BNA_N
 ClientSampleId :

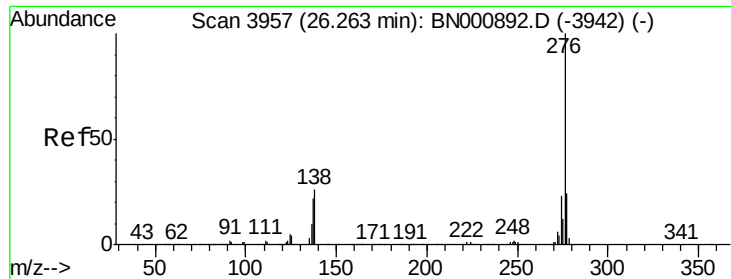
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	14.4	21.6#
277	24.1	18.0	27.0



#28
 Dibenzo(a,h)anthracene
 Concen: 2.501 ng/ul
 RT: 25.57 min Scan# 3839
 Delta R.T. -0.04 min
 Lab File: BN000897.D
 Acq: 25 Apr 2018 18:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	24.9	19.2	28.8





#29

Benzo(a,h,i)perylene

Concen: 8.376 ng/ul

RT: 26.23 min Scan# 3951

Delta R.T. -0.04 min

Lab File: BN000897.D

Acq: 25 Apr 2018 18:40

Instrument :

BNA_N

ClientSampleId :

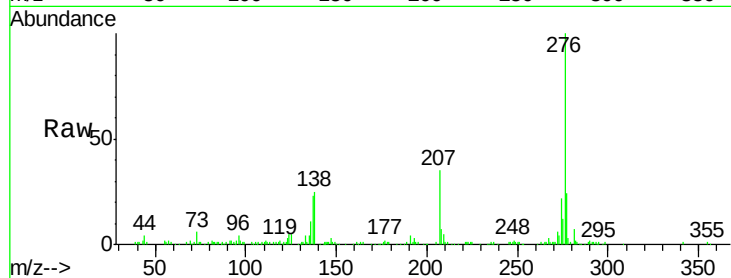
Tot Ion:276 Resp: 272627

Ion Ratio Lower Upper

276 100

138 25.4 15.3 22.9#

277 24.1 19.0 28.4



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

