

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000931.D
 Acq On : 26 Apr 2018 14:35
 Operator : JU/SJ
 Sample : J2485-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 07:50:49 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 07:47:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	133527	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	535012	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	249564	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	471848	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	450950	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	479549	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	975581	40.70	ng/ul	0.00
10) Fluorene-d10	15.26	176	645522	40.35	ng/ul	0.00
14) Anthracene-d10	17.11	188	899947	41.71	ng/ul	0.00
18) Pyrene-d10	19.42	212	946459	40.96	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	1026369	45.31	ng/ul	0.00

Target Compounds

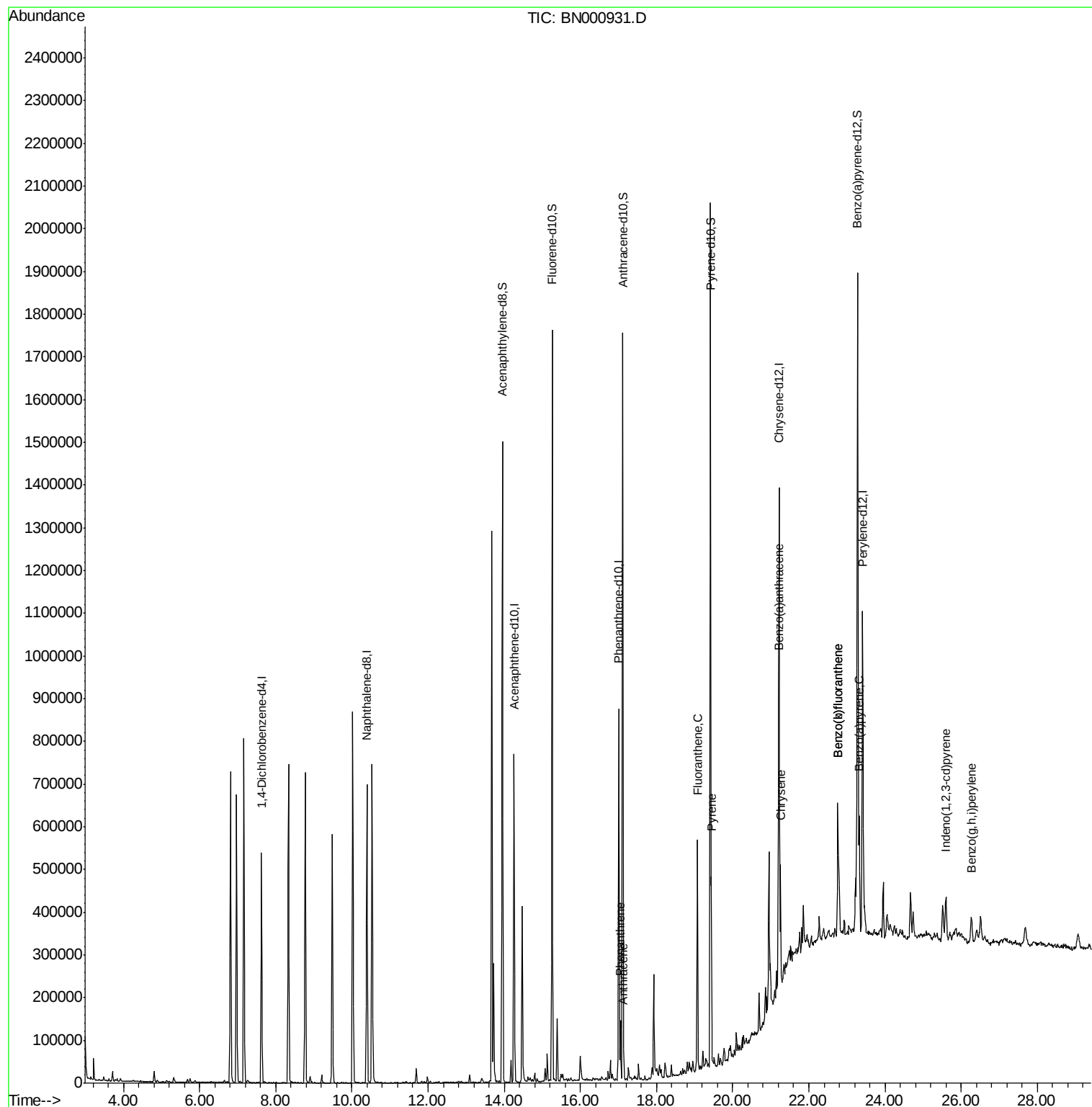
					Ovalue	
13) Phenanthrene	17.05	178	76091	2.957	ng/ul	99
15) Anthracene	17.14	178	28019	1.085	ng/ul	97
16) Fluoranthene	19.07	202	281860	10.795	ng/ul#	94
19) Pyrene	19.44	202	231446	7.990	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	157977	5.860	ng/ul	97
21) Chrysene	21.25	228	140734	5.555	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	241298	8.854	ng/ul#	96
24) Benzo(k)fluoranthene	22.76	252	249142	9.342	ng/ul#	96
26) Benzo(a)pyrene	23.32	252	113646	4.363	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.60	276	79270	2.520	ng/ul#	91
29) Benzo(g,h,i)perylene	26.26	276	61382	2.333	ng/ul#	92

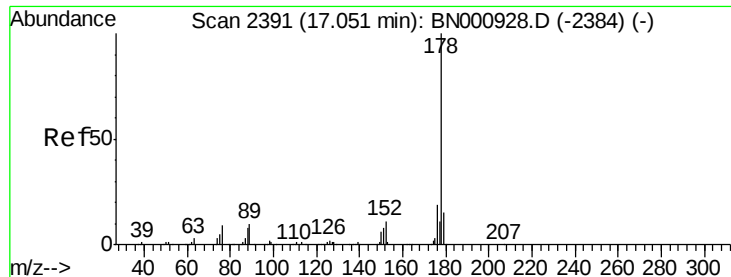
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.957 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BN000931.D

Acq: 26 Apr 2018 14:35

Instrument :

BNA_N

ClientSampleId :

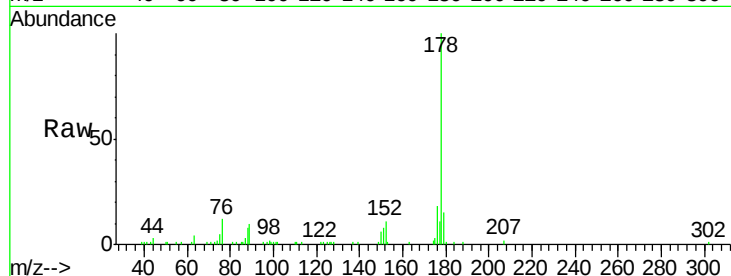
Tot Ion:178 Resp: 76091

Ion Ratio Lower Upper

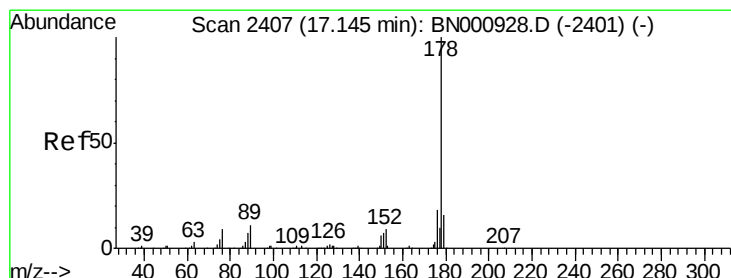
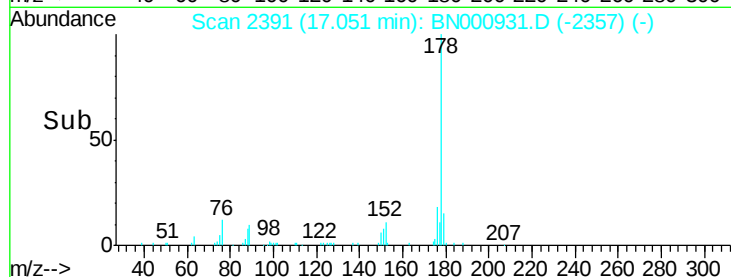
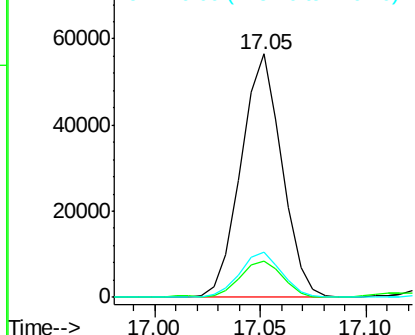
178 100

179 15.0 12.3 18.5

176 18.4 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



#15

Anthracene

Concen: 1.085 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BN000931.D

Acq: 26 Apr 2018 14:35

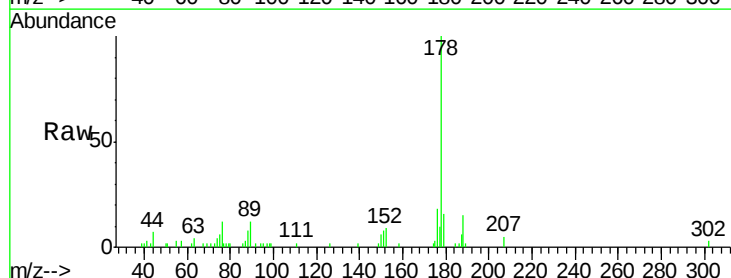
Tgt Ion:178 Resp: 28019

Ion Ratio Lower Upper

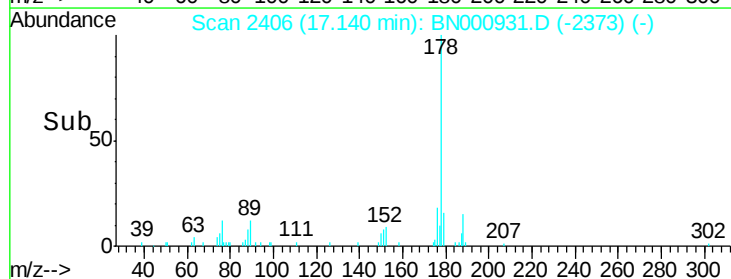
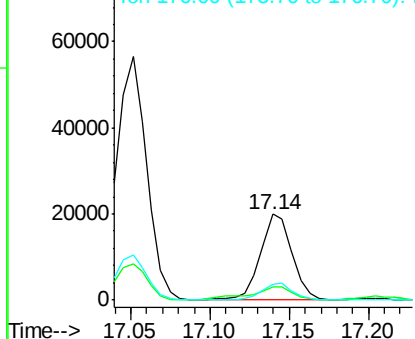
178 100

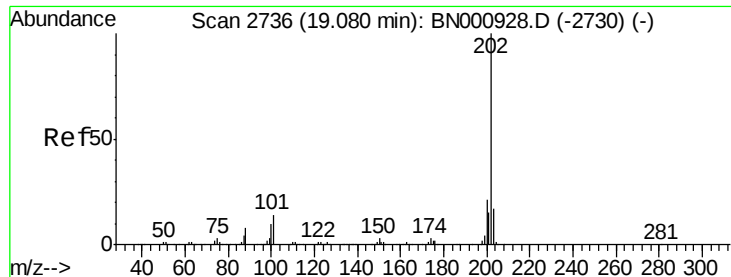
179 15.8 11.8 17.8

176 17.7 15.2 22.8



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: 10.795 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BN000931.D

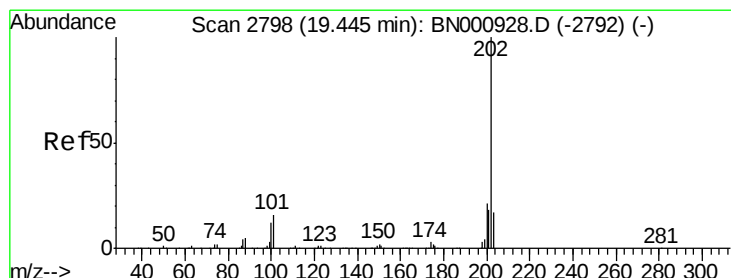
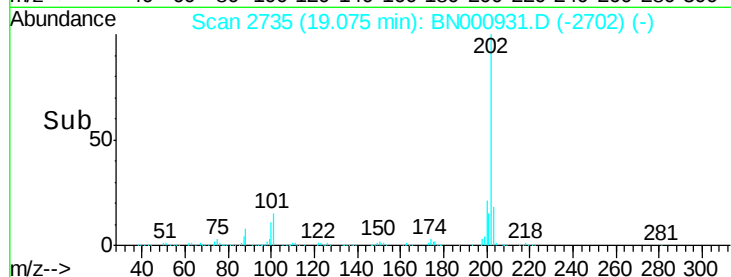
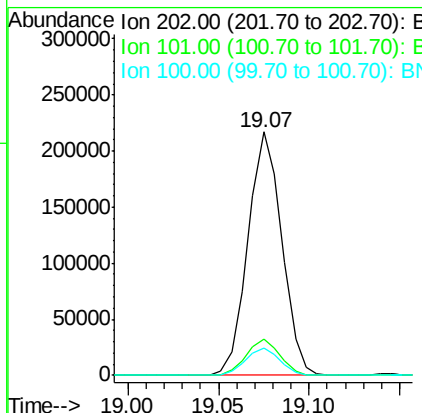
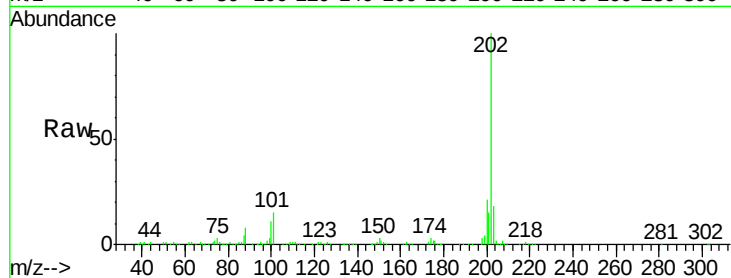
Acq: 26 Apr 2018 14:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	202	Resp:	281860
Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.5	7.4	11.0#



#19

Pyrene

Concen: 7.990 ng/ul

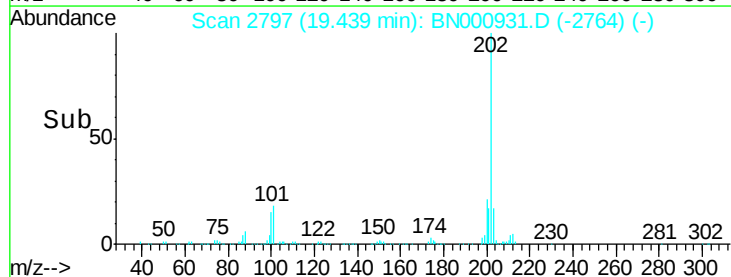
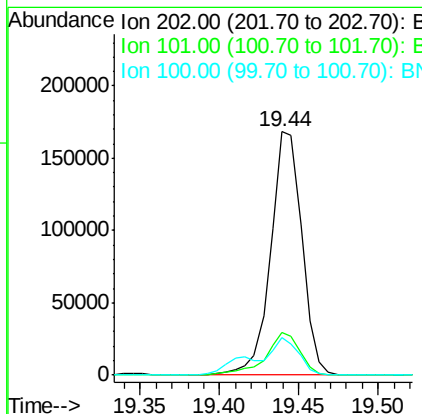
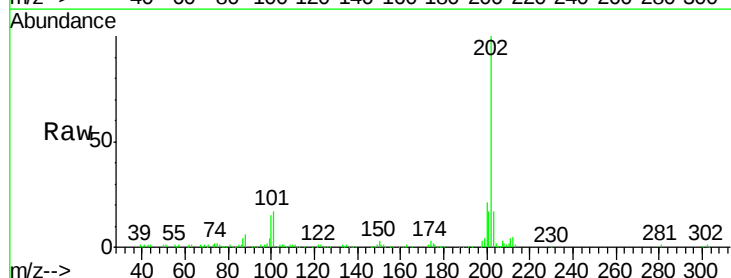
RT: 19.44 min Scan# 2797

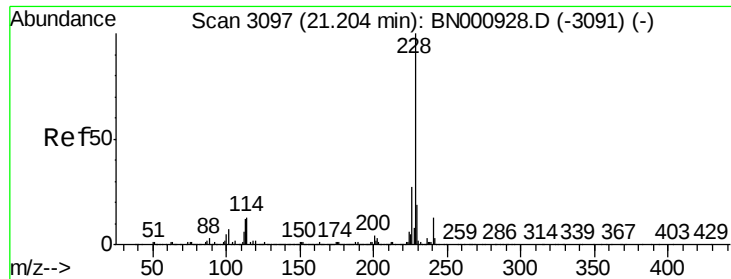
Delta R.T. -0.01 min

Lab File: BN000931.D

Acq: 26 Apr 2018 14:35

Tgt Ion:	202	Resp:	231446
Ion	Ratio	Lower	Upper
202	100		
101	17.5	11.0	16.4#
100	15.2	8.1	12.1#

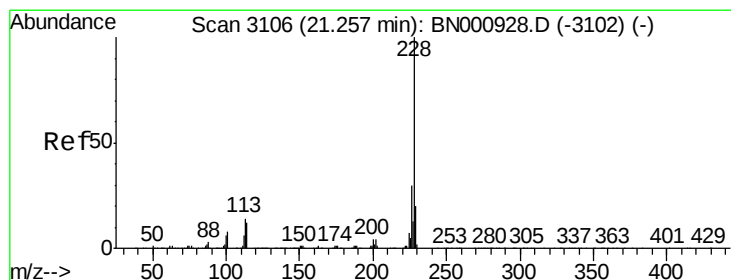
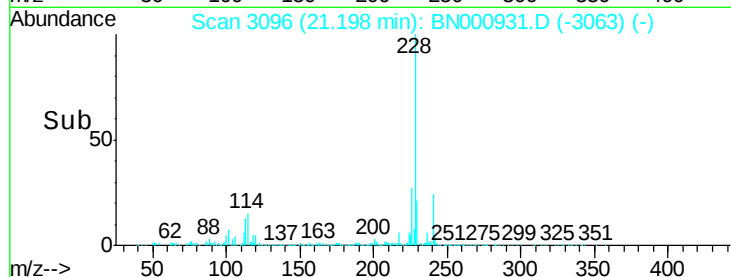
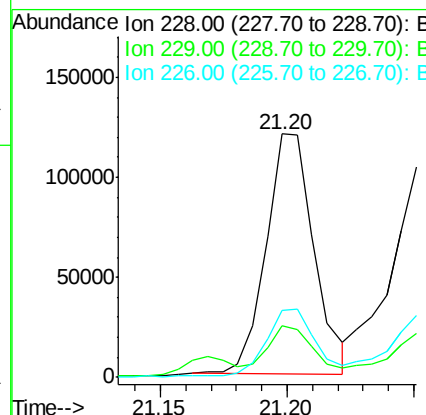
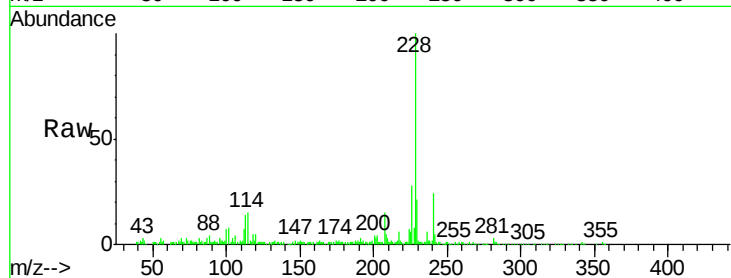




#20
Benzo(a)anthracene
Concen: 5.860 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN000931.D
Acq: 26 Apr 2018 14:35

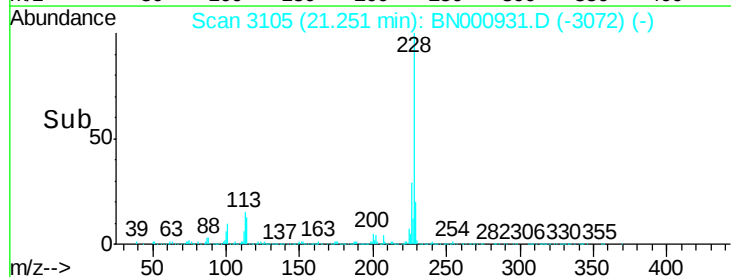
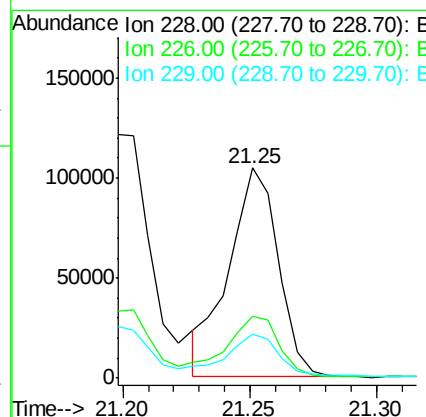
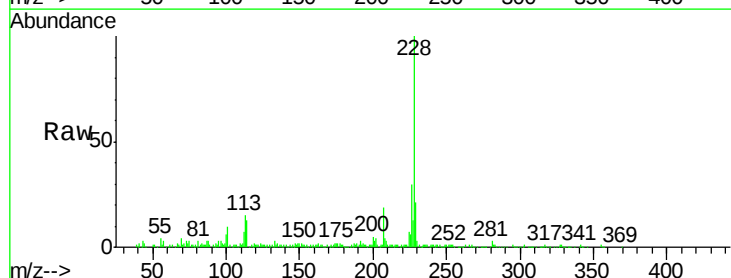
Instrument :
BNA_N
ClientSampleId :

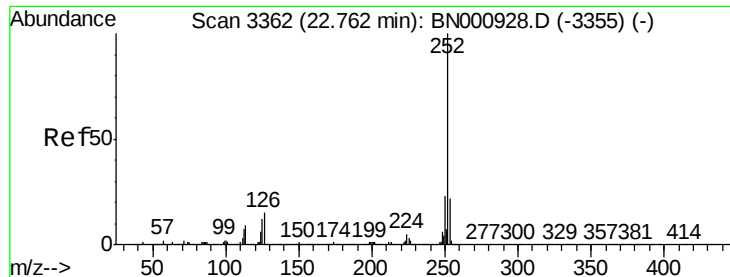
Tot Ion:228 Resp: 157977
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 27.6 21.1 31.7



#21
Chrysene
Concen: 5.555 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN000931.D
Acq: 26 Apr 2018 14:35

Tgt Ion:228 Resp: 140734
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 20.7 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 8.854 ng/ul

RT: 22.76 min Scan# 3362

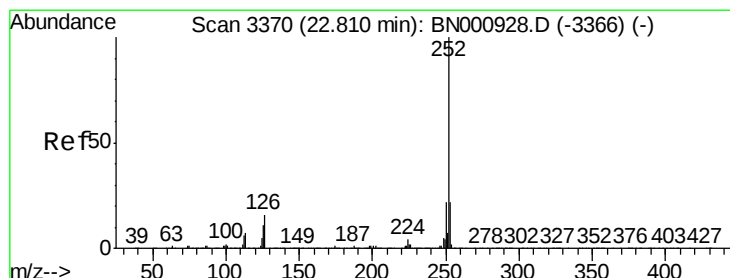
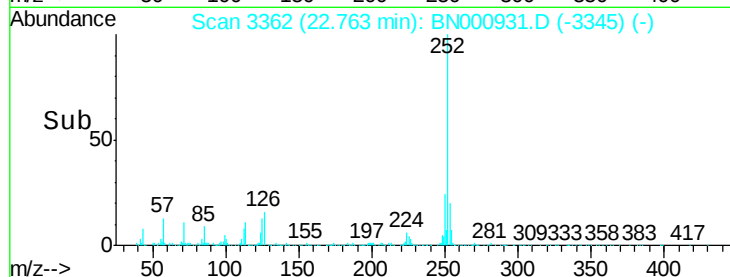
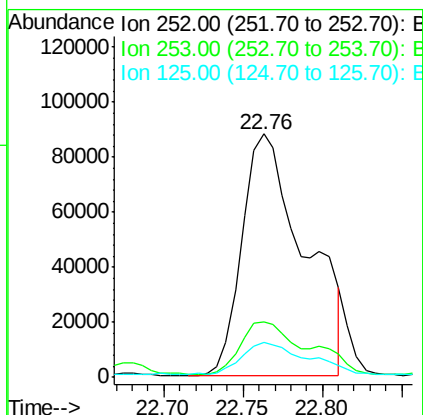
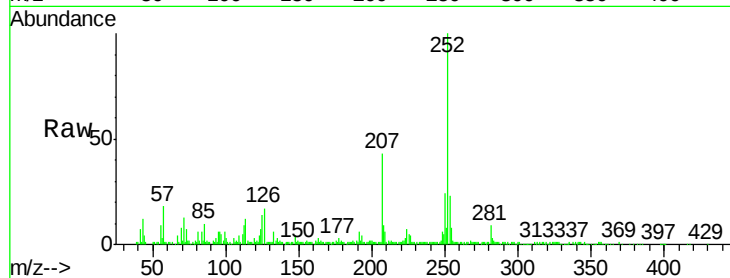
Delta R.T. 0.00 min

Lab File: BN000931.D

Acq: 26 Apr 2018 14:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.1	8.0	12.0#



#24

Benzo(k)fluoranthene

Concen: 9.342 ng/ul

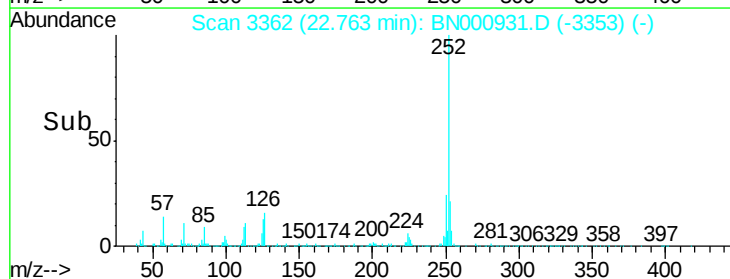
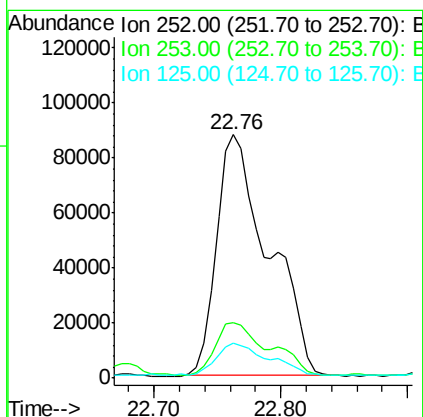
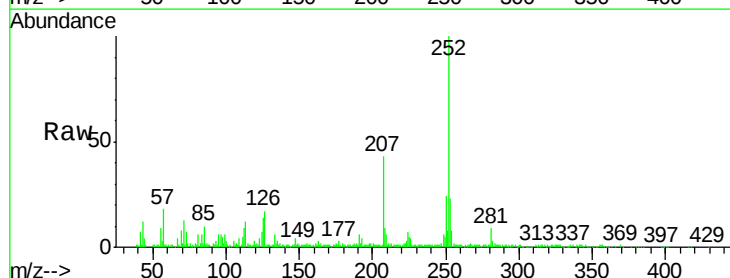
RT: 22.76 min Scan# 3362

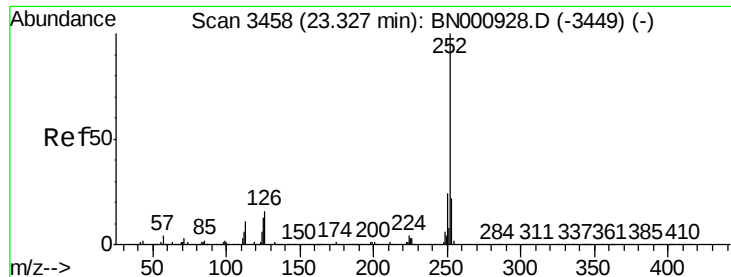
Delta R.T. -0.05 min

Lab File: BN000931.D

Acq: 26 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.1	8.1	12.1#





#26

Benzo(a)pyrene

Concen: 4.363 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BN000931.D

Acq: 26 Apr 2018 14:35

Instrument :

BNA_N

ClientSampleId :

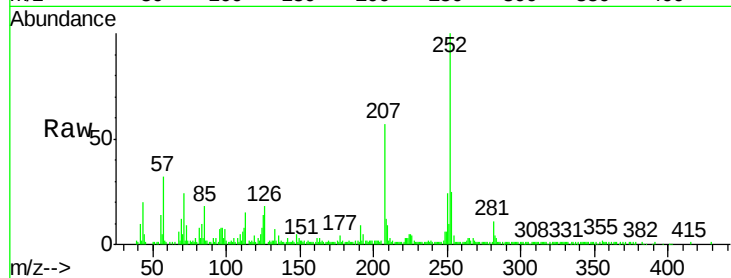
Tot Ion:252 Resp: 113646

Ion Ratio Lower Upper

252 100

253 24.5 17.2 25.8

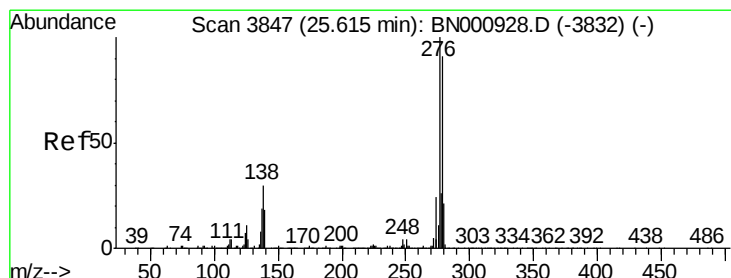
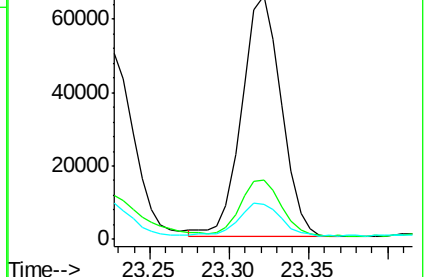
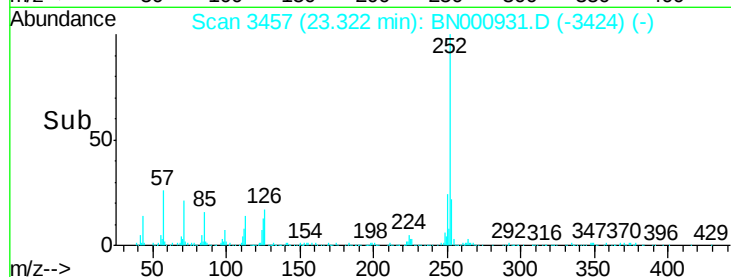
125 14.4 8.2 12.4#



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: 2.520 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.02 min

Lab File: BN000931.D

Acq: 26 Apr 2018 14:35

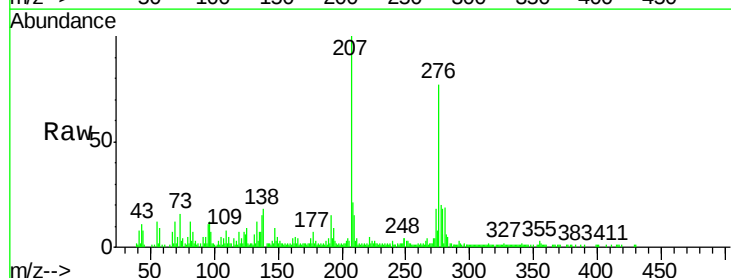
Tgt Ion:276 Resp: 79270

Ion Ratio Lower Upper

276 100

138 23.4 14.4 21.6#

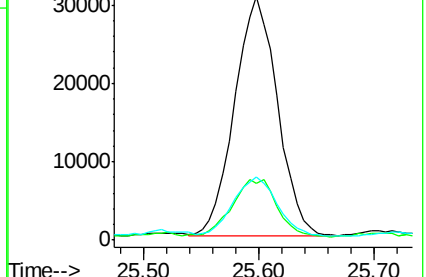
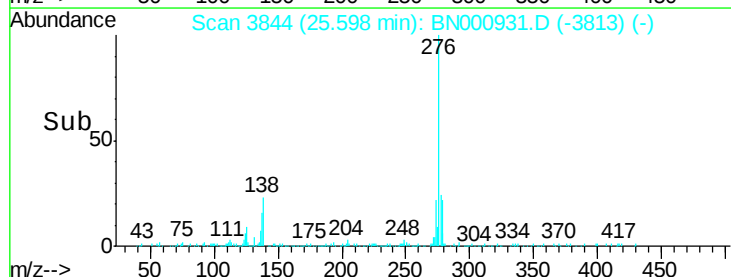
277 25.8 18.0 27.0

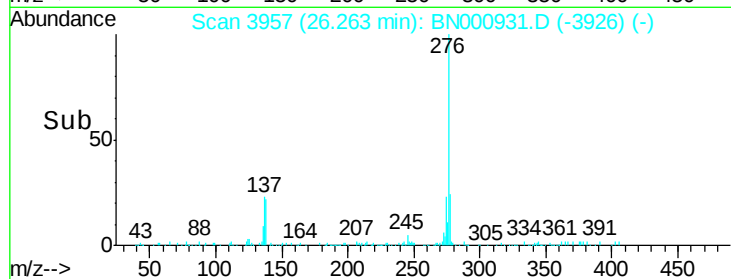
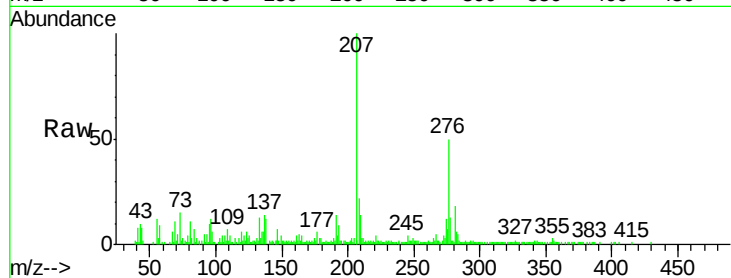
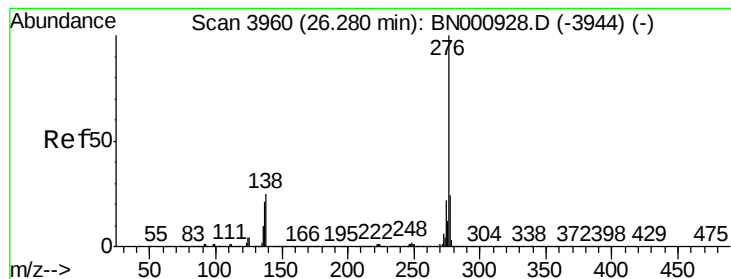


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.333 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.02 min

Lab File: BN000931.D

Acq: 26 Apr 2018 14:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 61382

Ion Ratio Lower Upper

276 100

138 23.9 15.3 22.9#

277 26.6 19.0 28.4

