

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000296.D
 Acq On : 09 Mar 2018 23:28
 Operator : JU/SJ
 Sample : J1844-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 10 02:38:31 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	350030	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1627104	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	885092	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1821881	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1671798	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1564509	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	2486808	28.31	ng/ul	0.00
10) Fluorene-d10	16.04	176	1629706	27.40	ng/ul	0.00
14) Anthracene-d10	17.87	188	2379263	27.95	ng/ul	0.00
18) Pyrene-d10	20.13	212	2510216	30.69	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2068116	28.95	ng/ul	0.01

Target Compounds

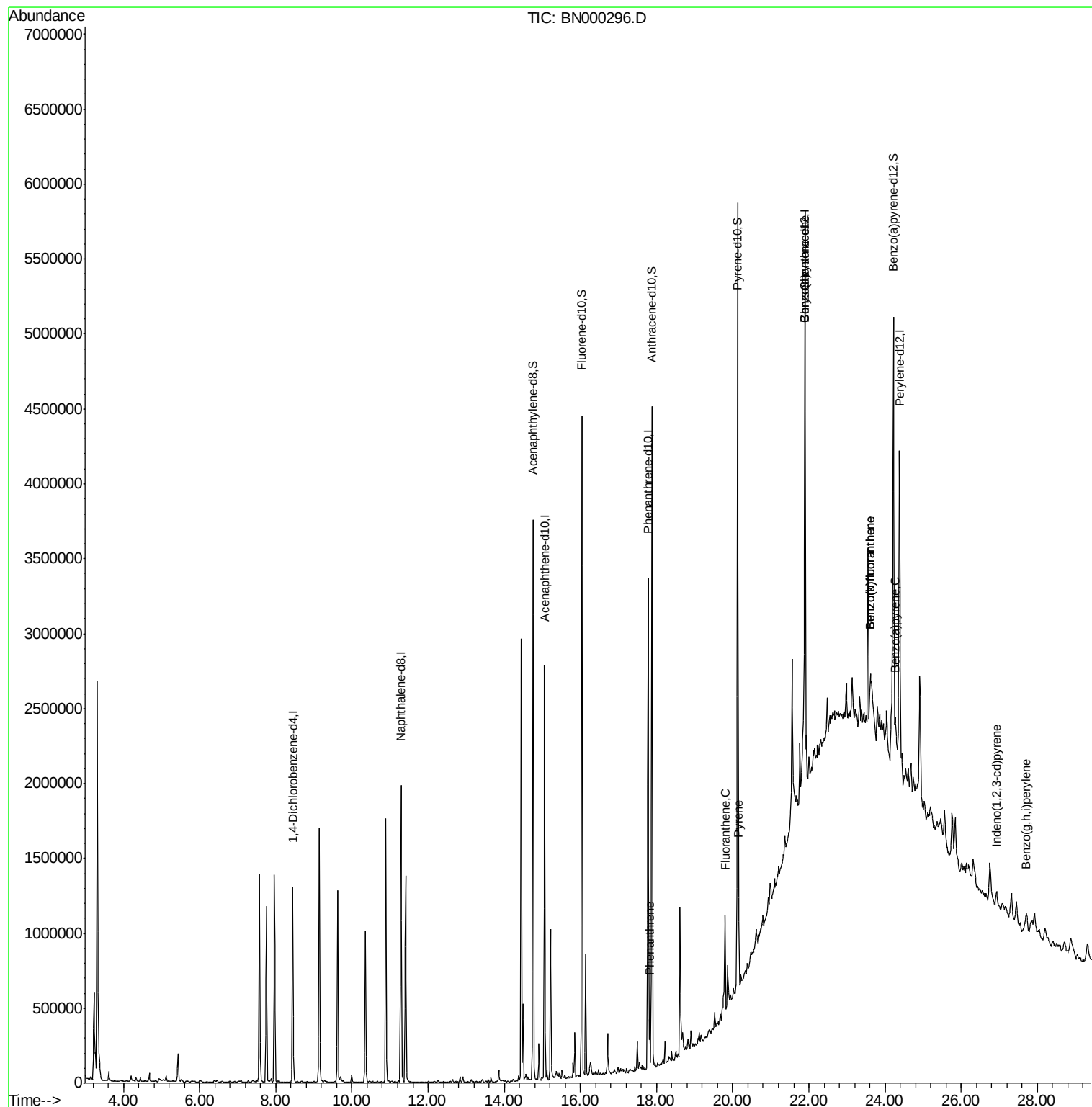
					Ovalue	
13) Phenanthrene	17.82	178	170176	1.629	ng/ul	97
16) Fluoranthene	19.80	202	342052	3.030	ng/ul#	93
19) Pyrene	20.16	202	299989	2.842	ng/ul#	89
20) Benzo(a)anthracene	21.88	228	169181	1.628	ng/ul	96
21) Chrysene	21.88	228	167307	1.696	ng/ul	95
23) Benzo(b)fluoranthene	23.62	252	229439	2.459	ng/ul#	77
24) Benzo(k)fluoranthene	23.62	252	229439	2.627	ng/ul#	77
26) Benzo(a)pyrene	24.27	252	133785	1.507	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.93	276	102643	1.072	ng/ul#	78
29) Benzo(g,h,i)perylene	27.71	276	122750	1.536	ng/ul#	79

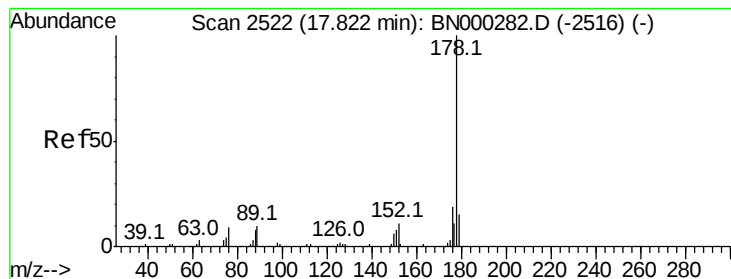
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.629 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000296.D

Acq: 09 Mar 2018 23:28

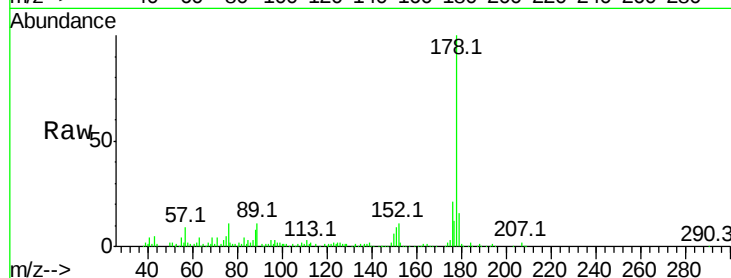
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 170176

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	20.7	15.1	22.7

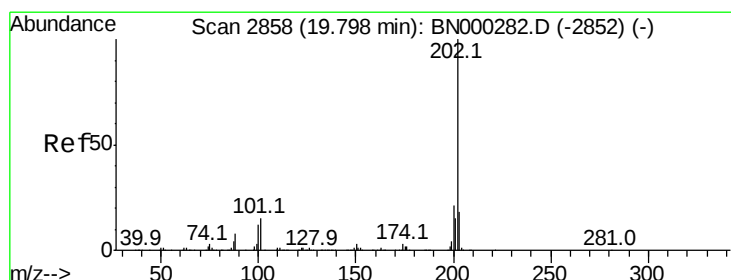
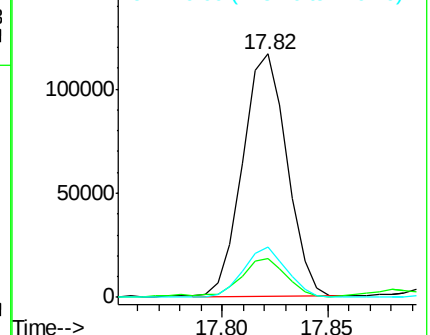
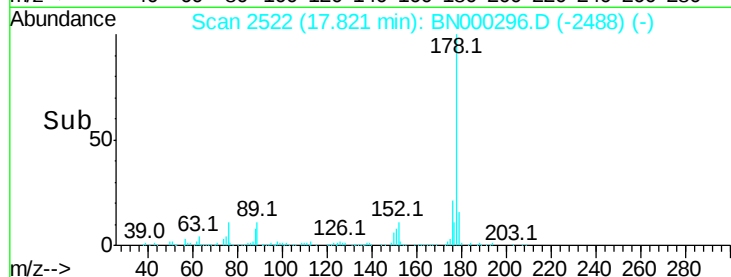


Abundance

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: 3.030 ng/ul

RT: 19.80 min Scan# 2858

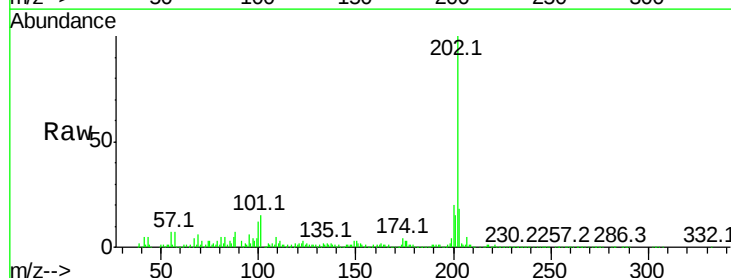
Delta R.T. -0.00 min

Lab File: BN000296.D

Acq: 09 Mar 2018 23:28

Tgt Ion:202 Resp: 342052

Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	11.7	7.4	11.0#

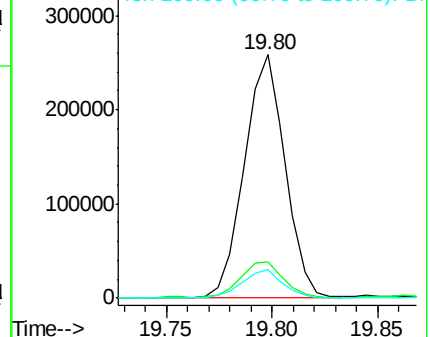
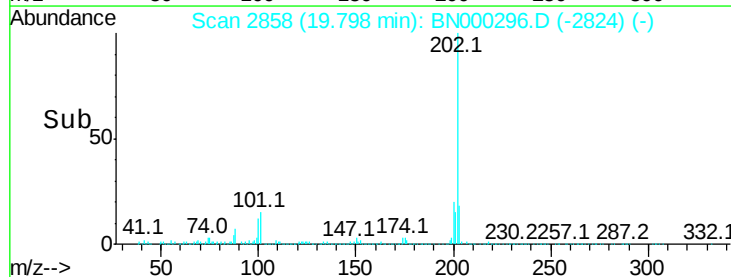


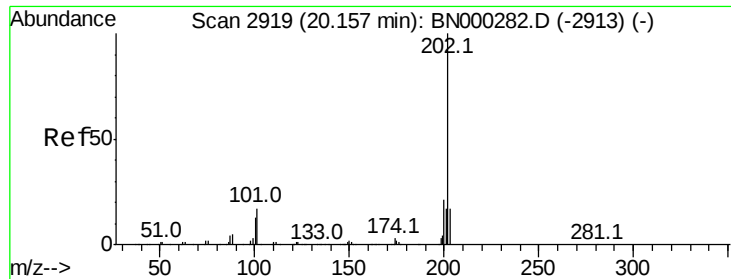
Abundance

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: 2.842 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BN000296.D

Acq: 09 Mar 2018 23:28

Instrument :

BNA_N

ClientSampleId :

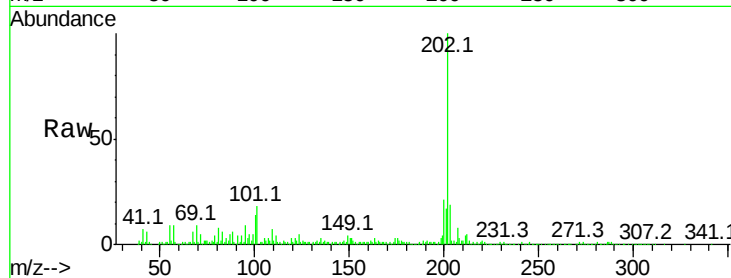
Tot Ion:202 Resp: 299989

Ion Ratio Lower Upper

202 100

101 17.7 11.0 16.4#

100 14.4 8.1 12.1#

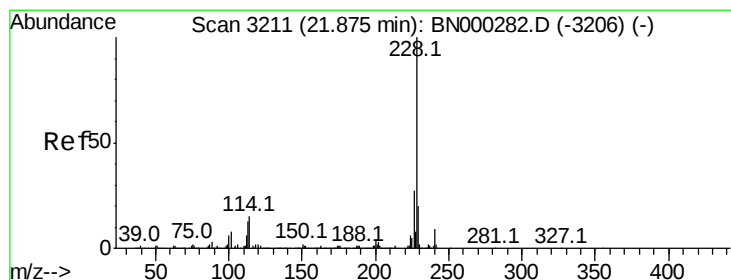
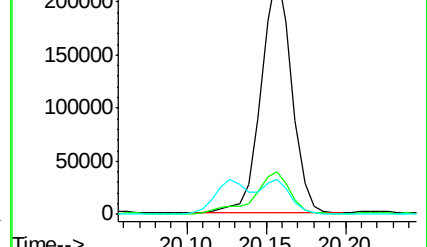
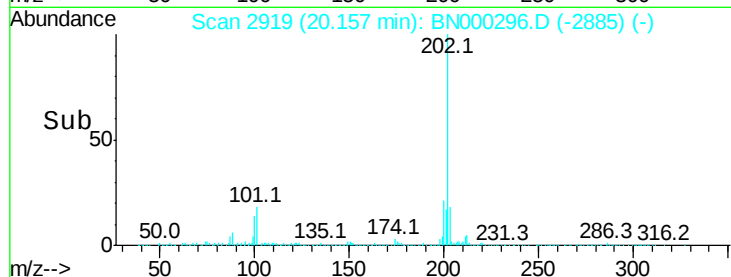


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#20

Benzo(a)anthracene

Concen: 1.628 ng/ul

RT: 21.88 min Scan# 3212

Delta R.T. 0.01 min

Lab File: BN000296.D

Acq: 09 Mar 2018 23:28

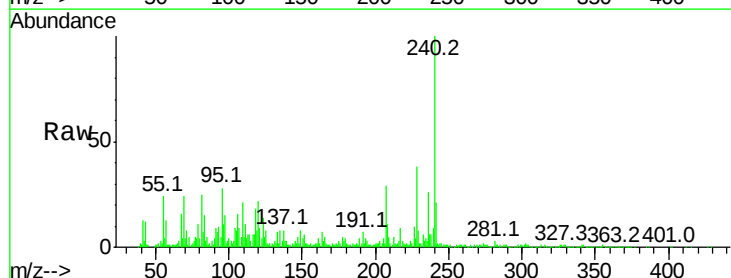
Tgt Ion:228 Resp: 169181

Ion Ratio Lower Upper

228 100

229 22.6 15.7 23.5

226 27.8 21.1 31.7

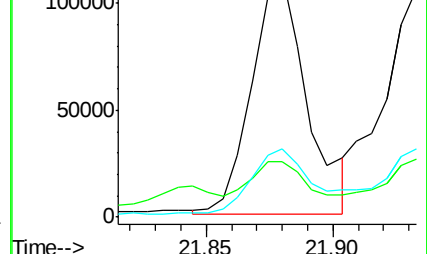
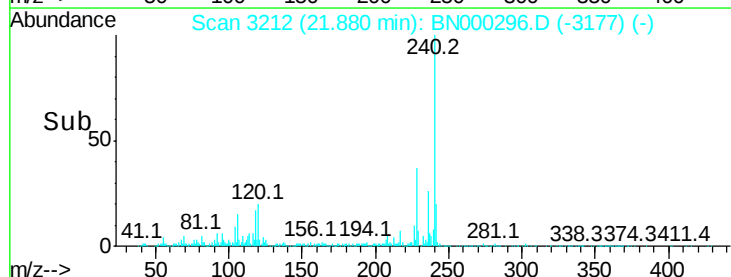


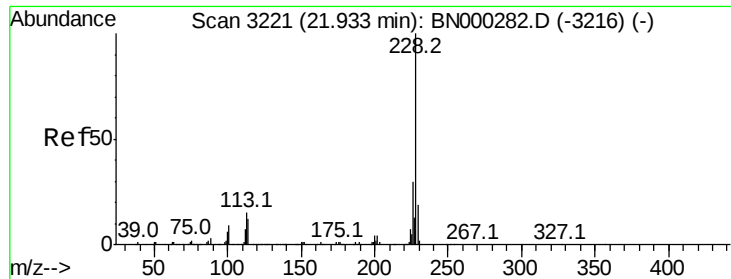
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#21

Chrysene

Concen: 1.696 ng/ul

RT: 21.88 min Scan# 3212

Delta R.T. -0.05 min

Lab File: BN000296.D

Acq: 09 Mar 2018 23:28

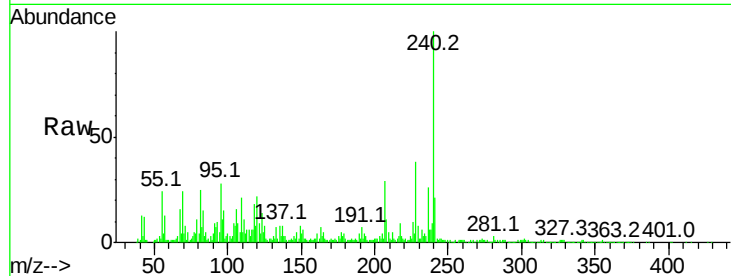
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 167307

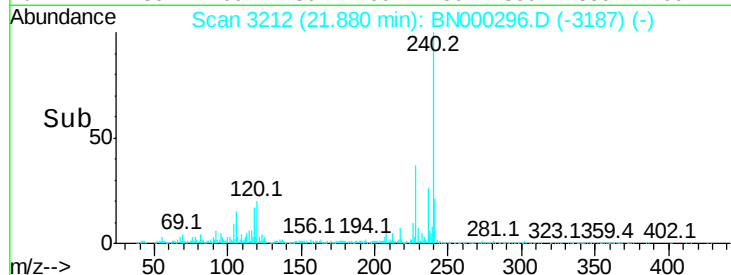
Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.5	36.7
229	22.6	15.8	23.8



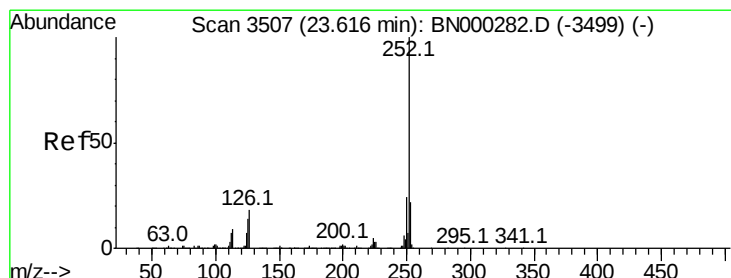
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#23

Benzo(b)fluoranthene

Concen: 2.459 ng/ul

RT: 23.62 min Scan# 3508

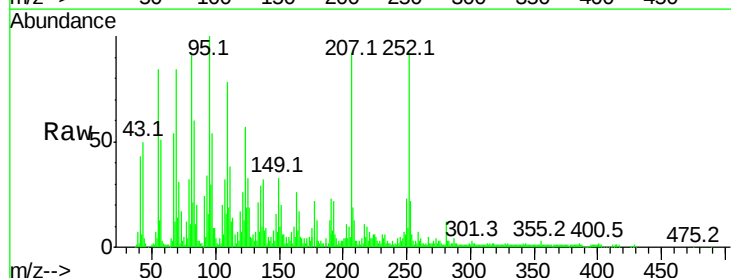
Delta R.T. 0.01 min

Lab File: BN000296.D

Acq: 09 Mar 2018 23:28

Tgt Ion:252 Resp: 229439

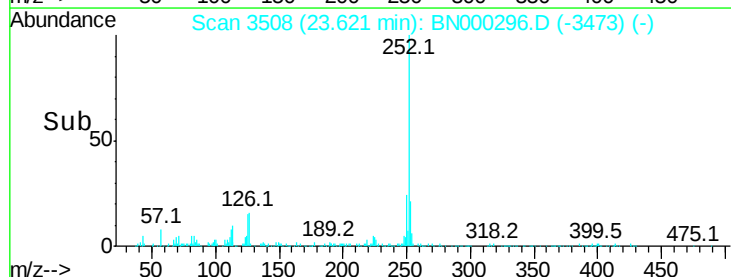
Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	35.9	8.0	12.0#



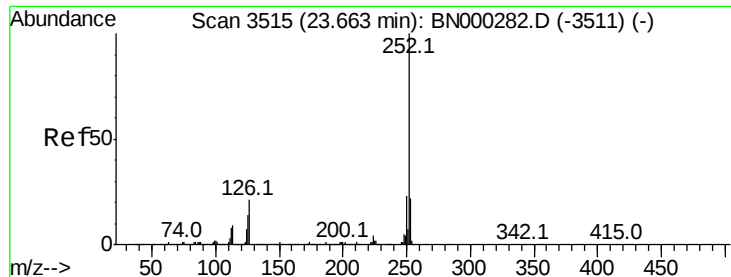
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#24

Benzo(k)fluoranthene

Concen: 2.627 ng/ul

RT: 23.62 min Scan# 3508

Delta R.T. -0.04 min

Lab File: BN000296.D

Acq: 09 Mar 2018 23:28

Instrument :

BNA_N

ClientSampleId :

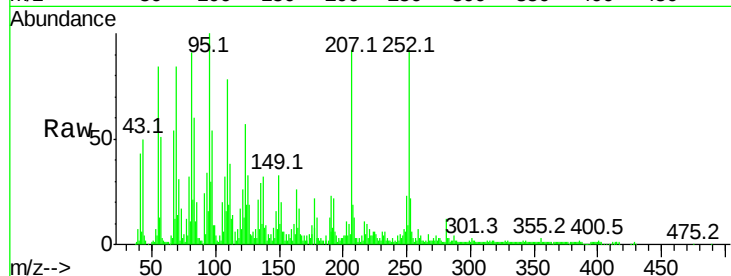
Tot Ion:252 Resp: 229439

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

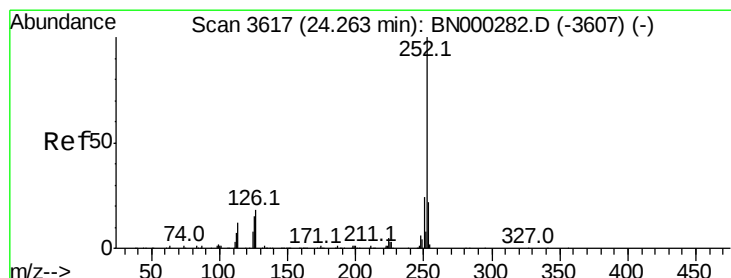
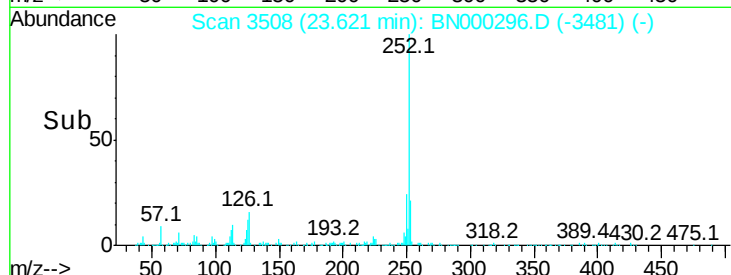
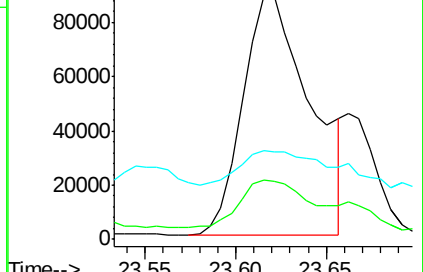
125 35.9 8.1 12.1#



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: 1.507 ng/ul

RT: 24.27 min Scan# 3618

Delta R.T. 0.01 min

Lab File: BN000296.D

Acq: 09 Mar 2018 23:28

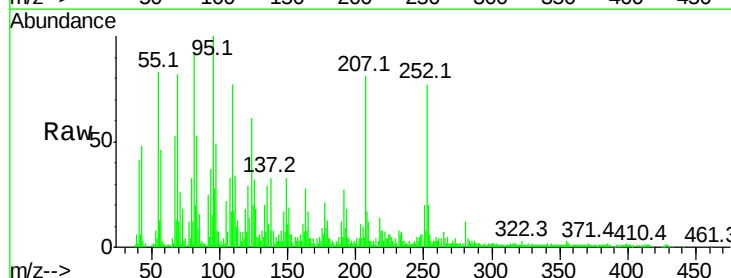
Tgt Ion:252 Resp: 133785

Ion Ratio Lower Upper

252 100

253 25.3 17.2 25.8

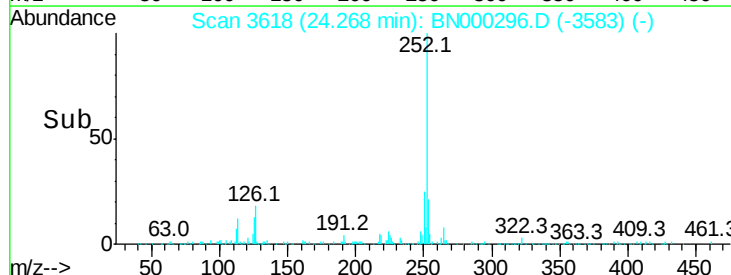
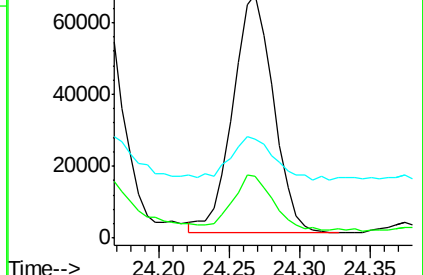
125 40.9 8.2 12.4#

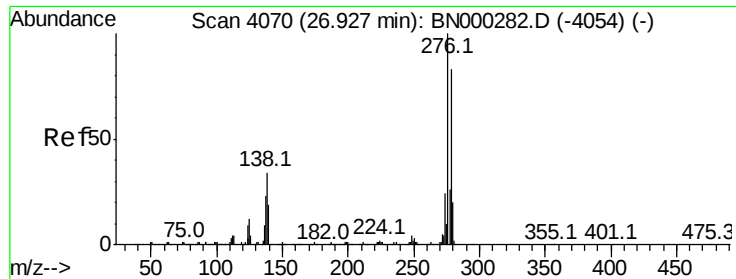


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

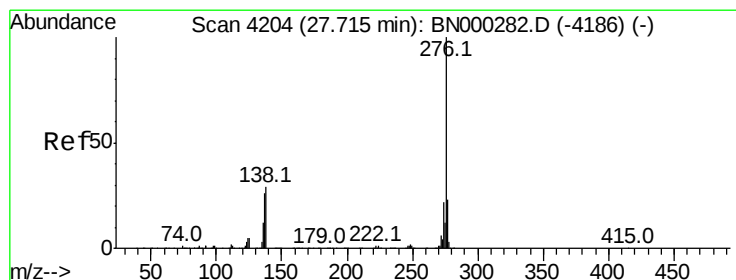
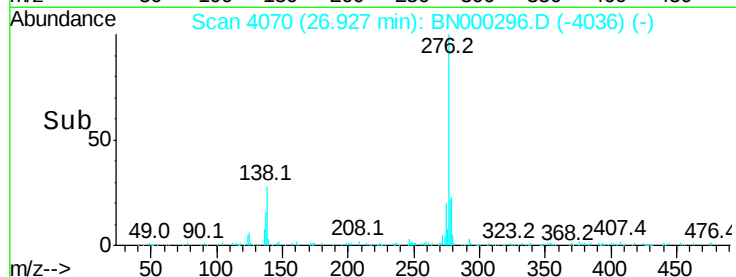
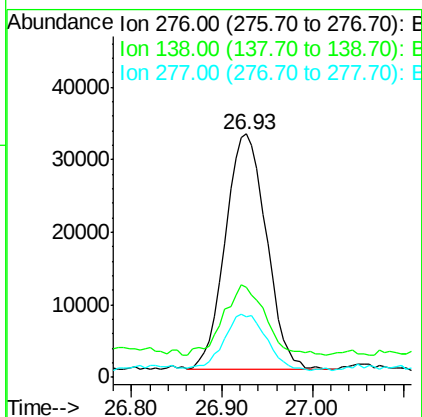
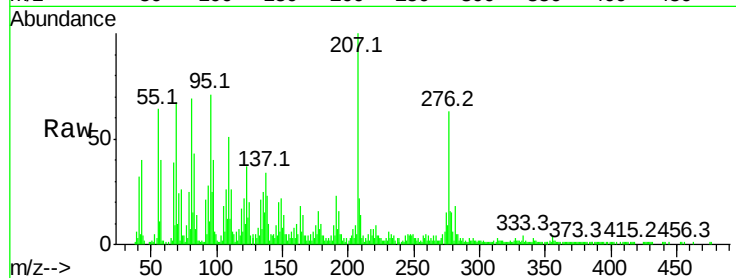




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.072 ng/ul
 RT: 26.93 min Scan# 4070
 Delta R.T. -0.00 min
 Lab File: BN000296.D
 Acq: 09 Mar 2018 23:28

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:276 Resp: 102643
 Ion Ratio Lower Upper
 276 100
 138 37.2 14.4 21.6#
 277 25.0 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.536 ng/ul
 RT: 27.71 min Scan# 4204
 Delta R.T. -0.00 min
 Lab File: BN000296.D
 Acq: 09 Mar 2018 23:28

Tgt Ion:276 Resp: 122750
 Ion Ratio Lower Upper
 276 100
 138 38.4 15.3 22.9#
 277 25.1 19.0 28.4

