

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000354.D
 Acq On : 13 Mar 2018 18:08
 Operator : JU/SJ
 Sample : J1845-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMD8

Quant Time: Mar 14 08:13:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	173127	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	828074	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	469312	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1078838	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1170551	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1088393	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	1630340	35.00	ng/ul	0.00
10) Fluorene-d10	16.05	176	1076086	34.12	ng/ul	0.00
14) Anthracene-d10	17.88	188	1742114	34.56	ng/ul	0.00
18) Pyrene-d10	20.14	212	2031874	35.48	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1706164	34.33	ng/ul	0.00

Target Compounds

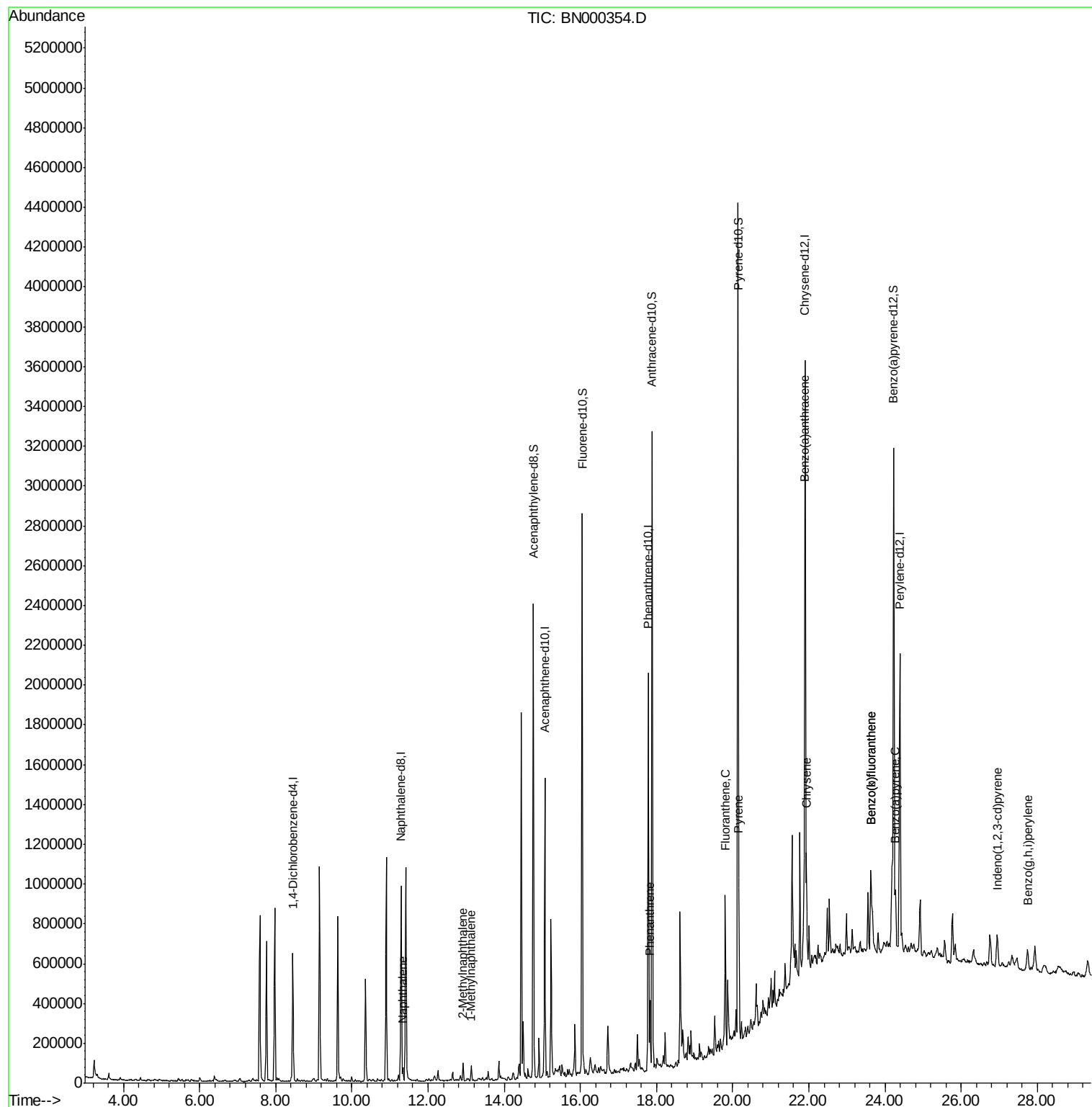
					Ovalue	
3) Naphthalene	11.34	128	46707	1.069	ng/ul	99
4) 2-Methylnaphthalene	12.92	142	42033	1.366	ng/ul	98
5) 1-Methylnaphthalene	13.13	142	34235	1.109	ng/ul	93
13) Phenanthrene	17.83	178	189775	3.067	ng/ul	98
16) Fluoranthene	19.80	202	418222	6.256	ng/ul#	94
19) Pyrene	20.16	202	377209	5.104	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	248212	3.411	ng/ul	97
21) Chrysene	21.94	228	262439	3.800	ng/ul	96
23) Benzo(b)fluoranthene	23.63	252	427622	6.589	ng/ul#	93
24) Benzo(k)fluoranthene	23.63	252	353212	5.814	ng/ul#	93
26) Benzo(a)pyrene	24.28	252	207507	3.359	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.95	276	133745	2.008	ng/ul#	83
29) Benzo(a,h,i)perylene	27.74	276	135537	2.437	ng/ul#	84

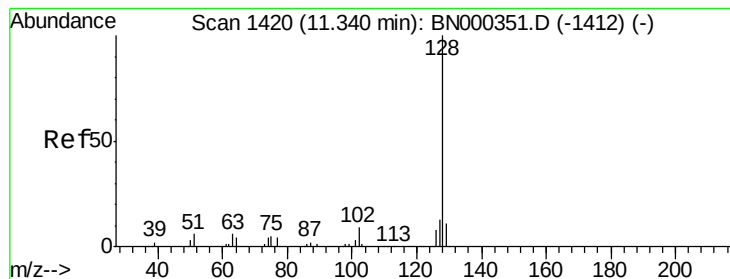
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.069 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

Instrument :

BNA_N

ClientSampleId :

DAMD8

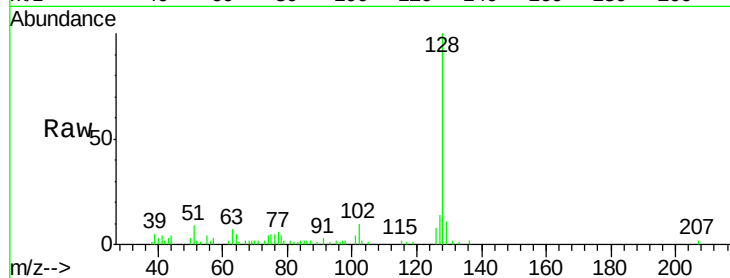
Tot Ion:128 Resp: 46707

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

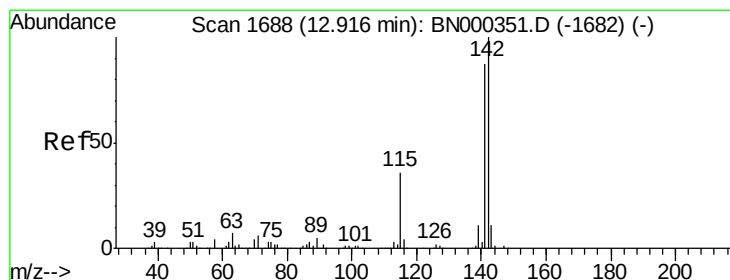
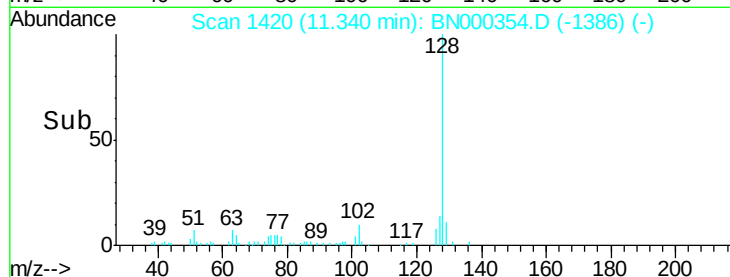
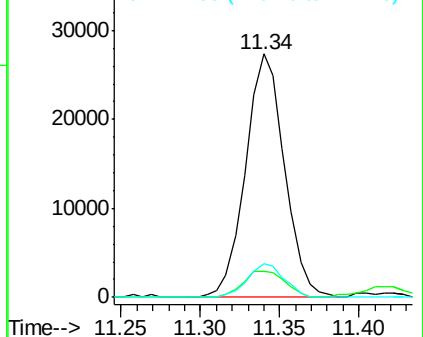
127 13.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 1.366 ng/ul

RT: 12.92 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BN000354.D

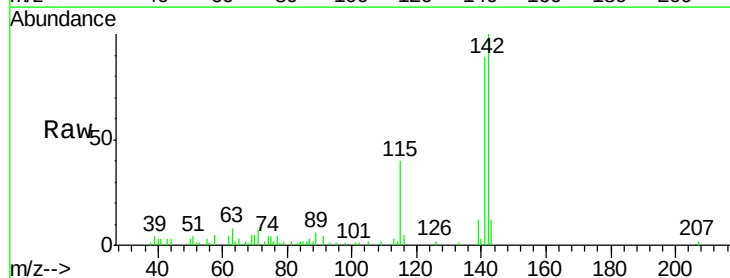
Acq: 13 Mar 2018 18:08

Tgt Ion:142 Resp: 42033

Ion Ratio Lower Upper

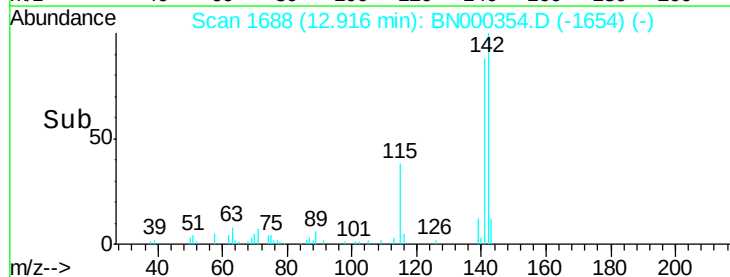
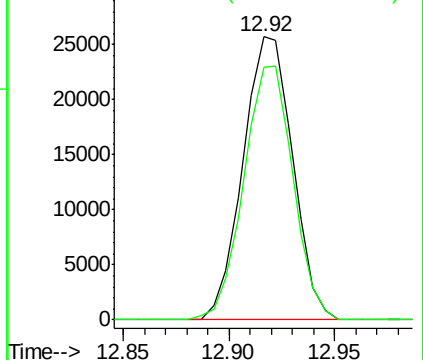
142 100

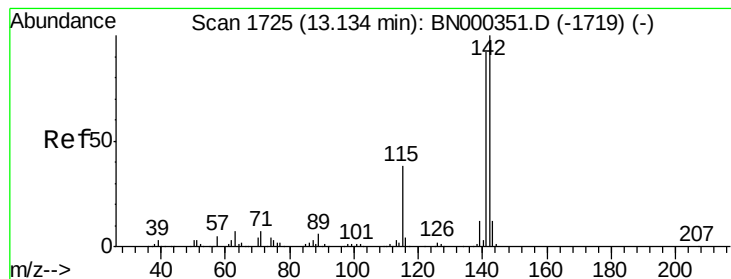
141 89.1 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 1.109 ng/ul

RT: 13.13 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

Instrument :

BNA_N

ClientSampled :

DAMD8

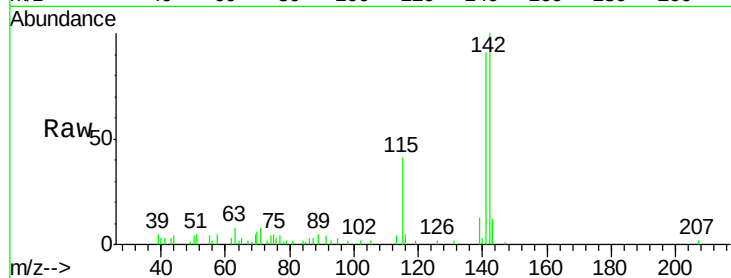
Tot Ion:142 Resp: 34235

Ion Ratio Lower Upper

142 100

141 91.3 79.3 118.9

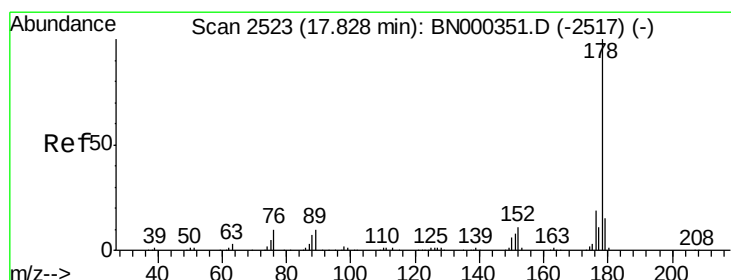
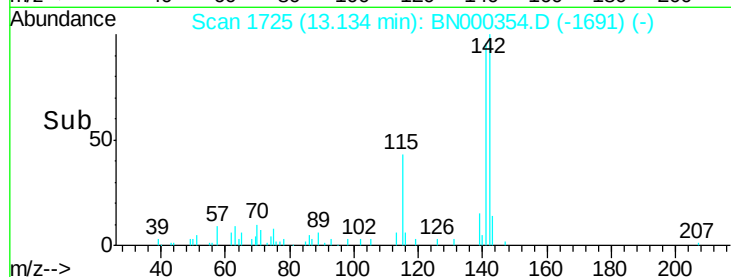
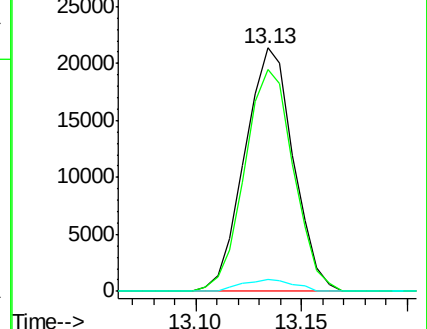
116 5.1 4.2 6.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#13

Phenanthrene

Concen: 3.067 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

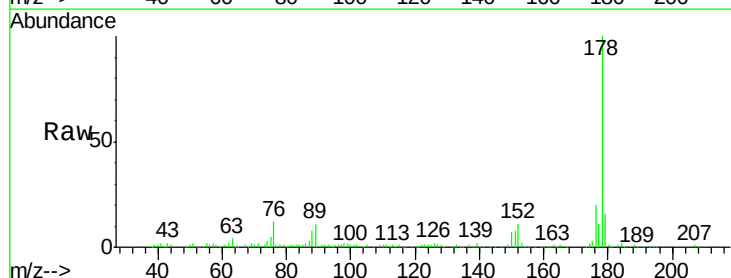
Tgt Ion:178 Resp: 189775

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

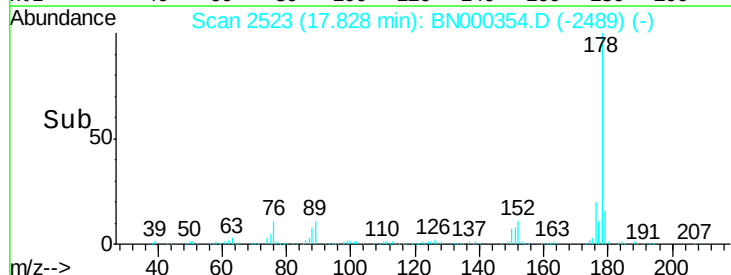
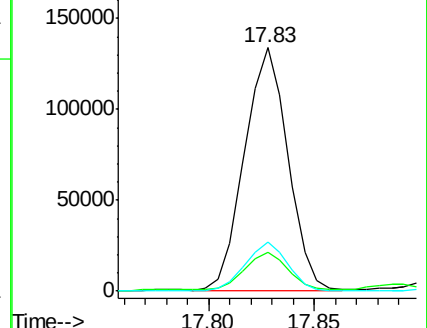
176 20.2 15.1 22.7

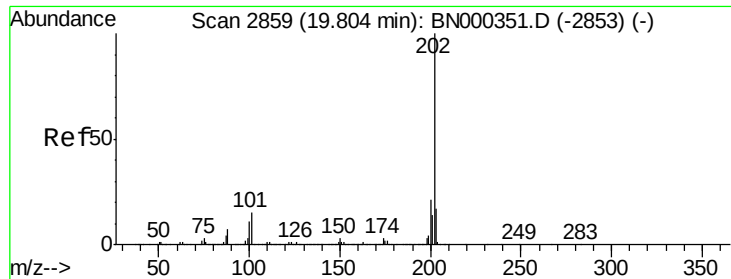


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

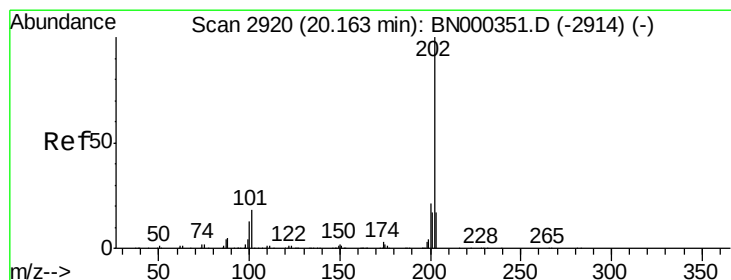
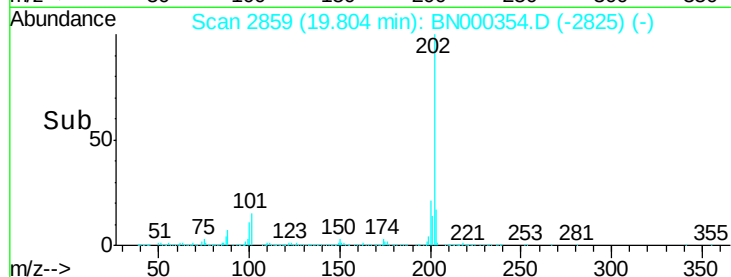
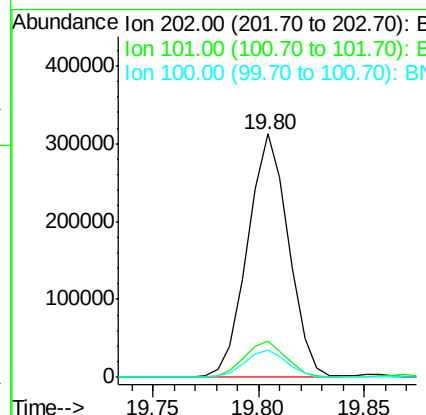
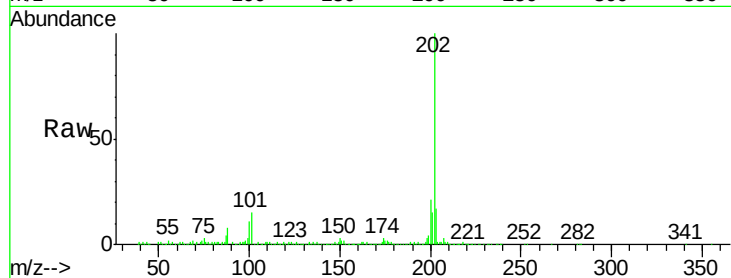




#16
 Fluoranthene
 Concen: 6.256 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BN000354.D
 Acq: 13 Mar 2018 18:08

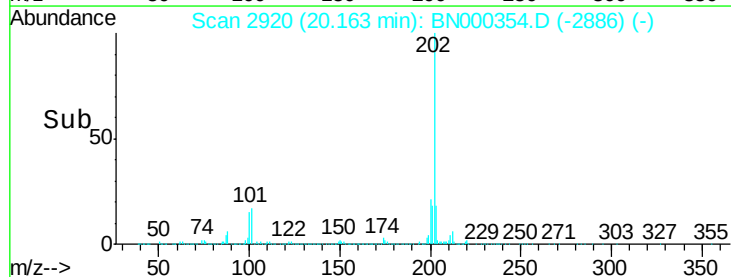
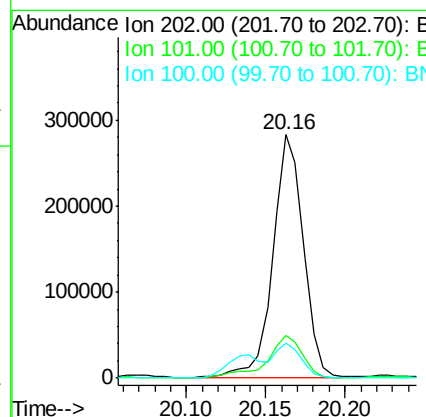
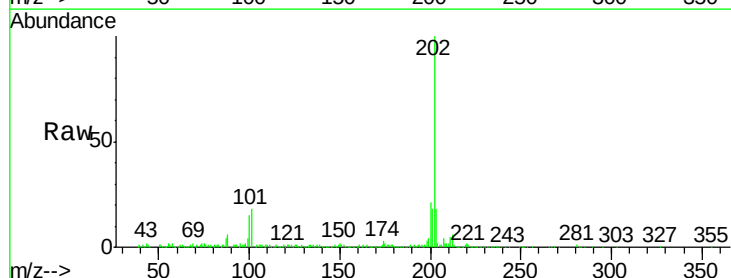
Instrument :
 BNA_N
 ClientSampleId :
 DAMD8

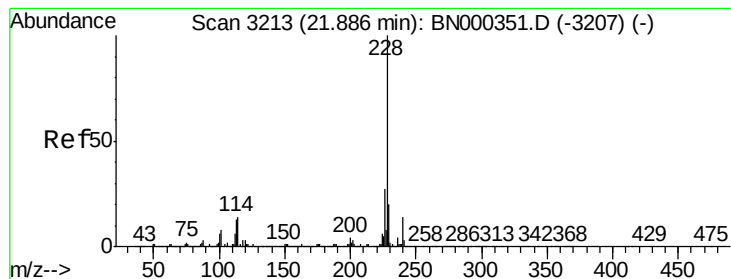
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	11.2	7.4	11.0#



#19
 Pyrene
 Concen: 5.104 ng/ul
 RT: 20.16 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: BN000354.D
 Acq: 13 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	14.5	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 3.411 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

Instrument :

BNA_N

ClientSampleId :

DAMD8

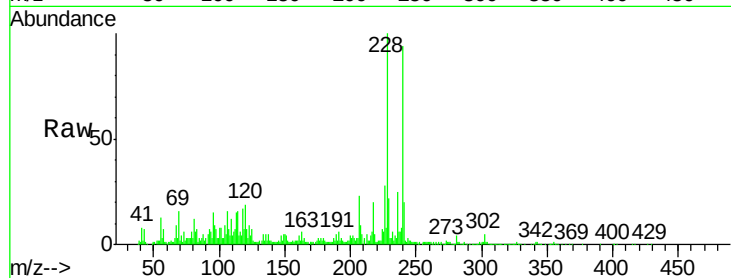
Tot Ion:228 Resp: 248212

Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

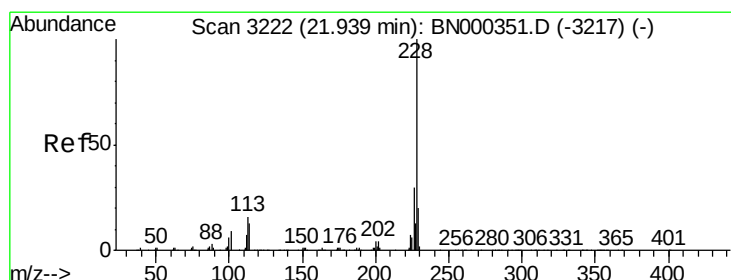
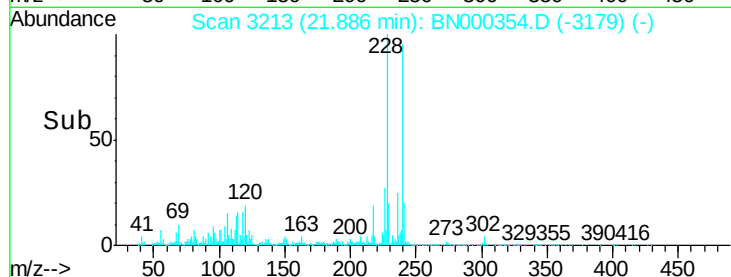
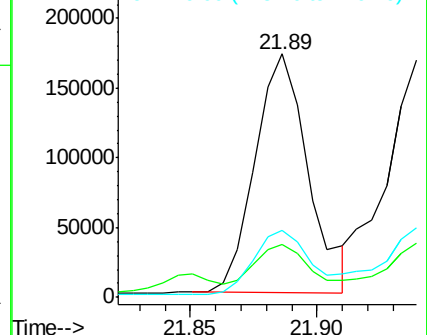
226 27.7 21.1 31.7



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: 3.800 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

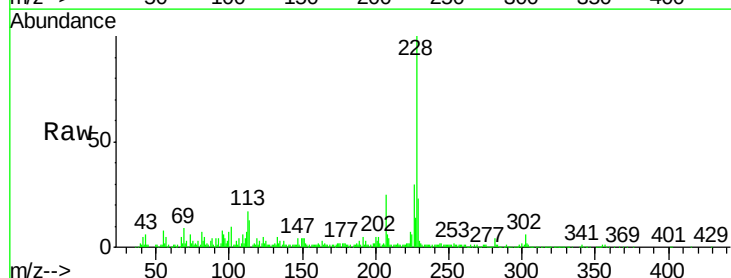
Tgt Ion:228 Resp: 262439

Ion Ratio Lower Upper

228 100

226 29.5 24.5 36.7

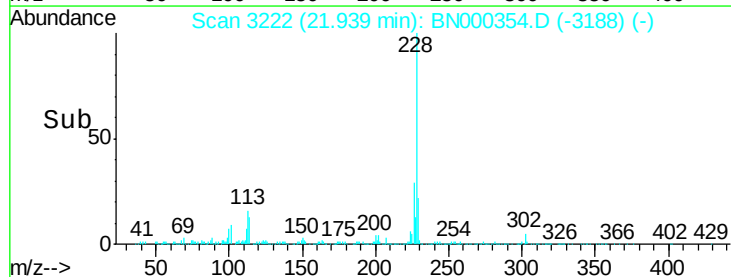
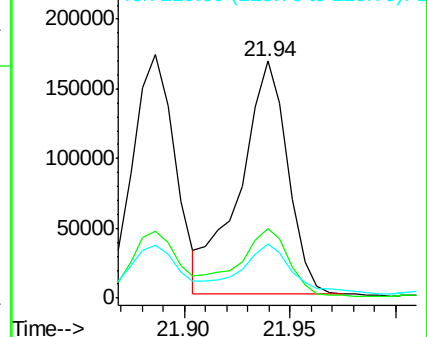
229 23.0 15.8 23.8

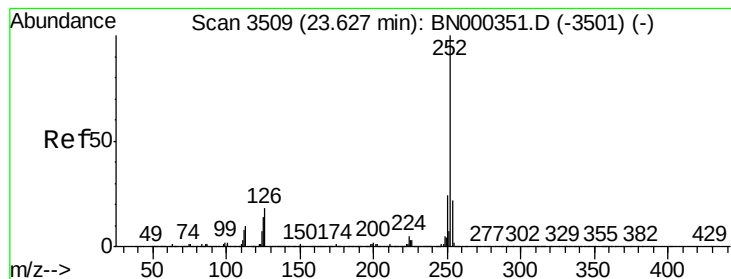


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 6.589 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

Instrument :

BNA_N

ClientSampleId :

DAMD8

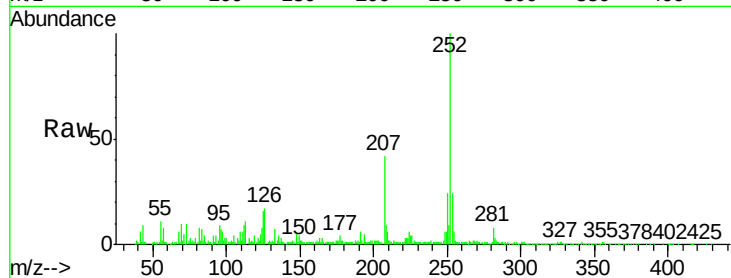
Tot Ion:252 Resp: 427622

Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

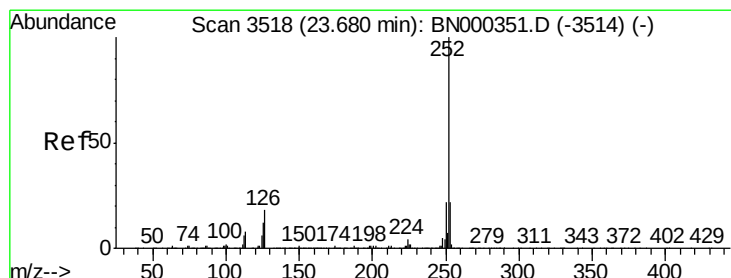
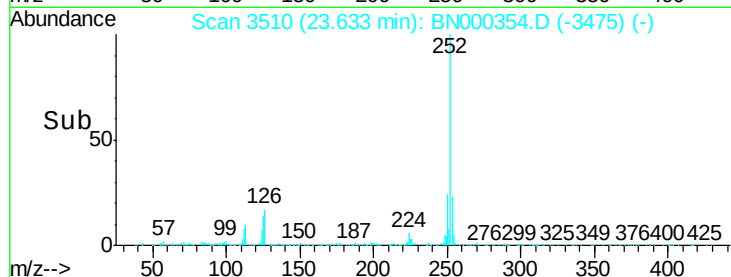
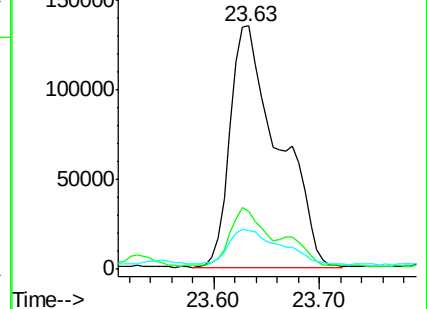
125 16.1 8.0 12.0#



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: 5.814 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. -0.05 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

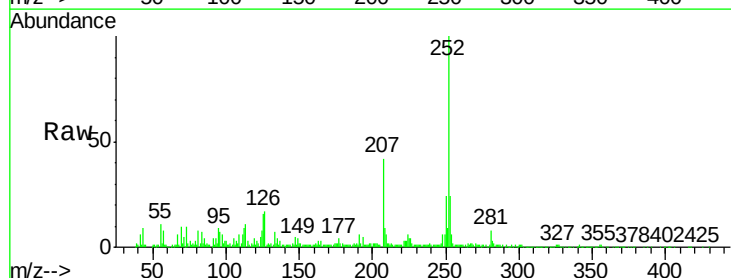
Tgt Ion:252 Resp: 353212

Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

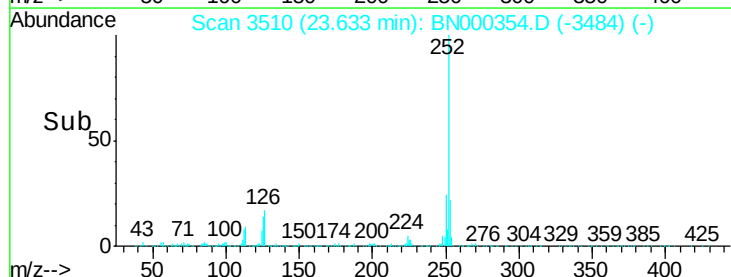
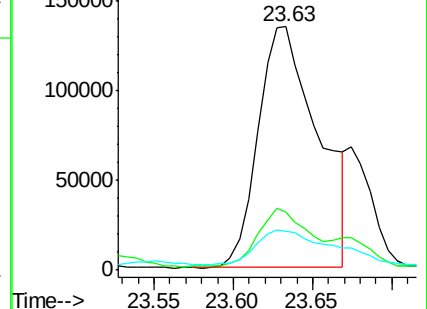
125 16.1 8.1 12.1#

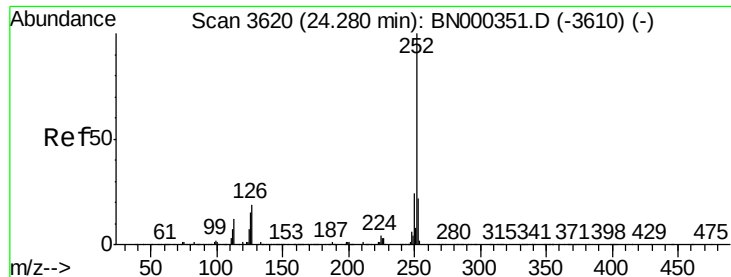


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 3.359 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

Instrument :

BNA_N

ClientSampleId :

DAMD8

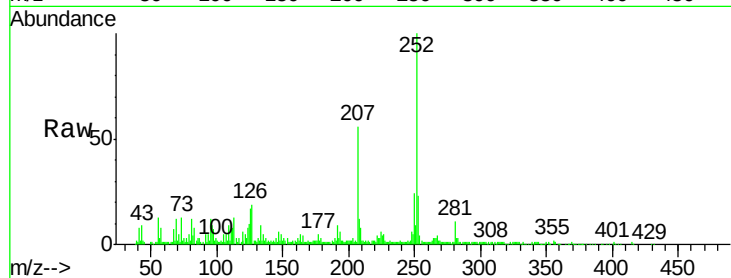
Tot Ion:252 Resp: 207507

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

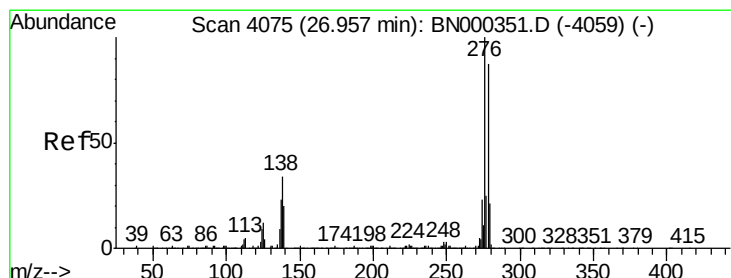
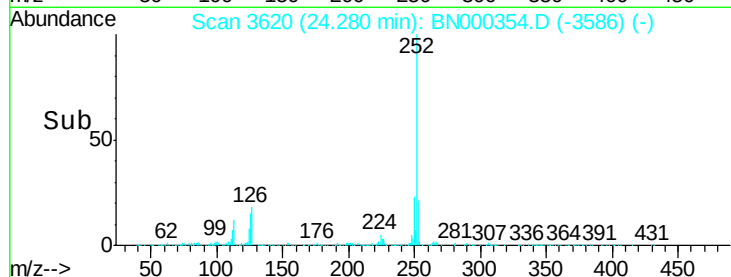
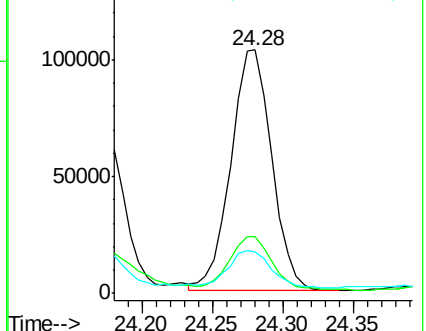
125 17.3 8.2 12.4#



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: 2.008 ng/ul

RT: 26.95 min Scan# 4074

Delta R.T. -0.01 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

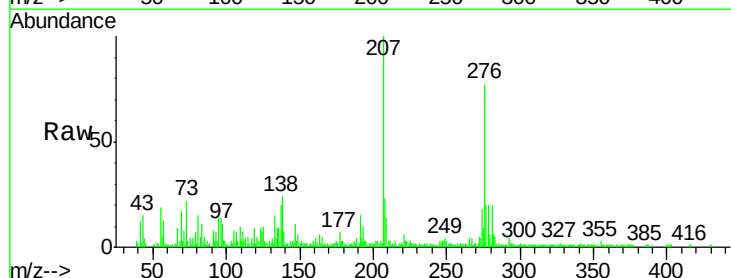
Tgt Ion:276 Resp: 133745

Ion Ratio Lower Upper

276 100

138 31.7 14.4 21.6#

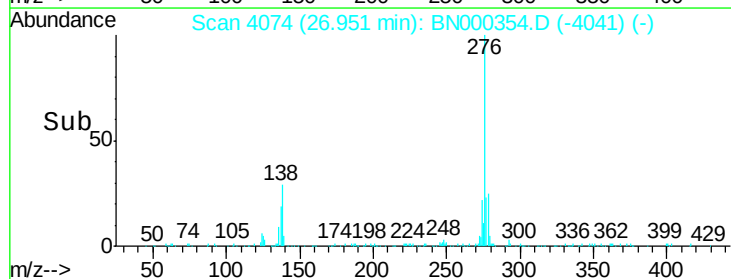
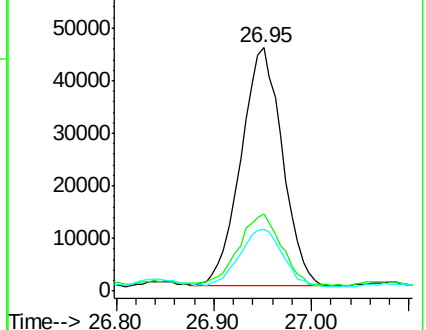
277 25.5 18.0 27.0

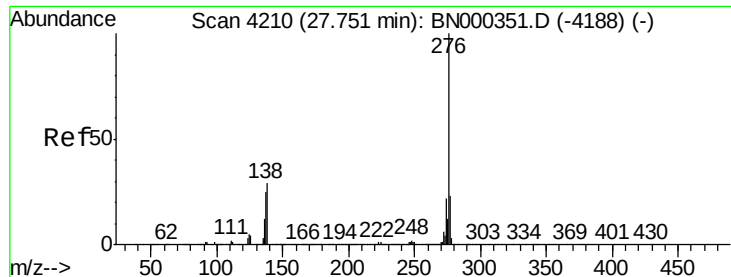


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.437 ng/ul

RT: 27.74 min Scan# 4208

Delta R.T. -0.01 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

Instrument :

BNA_N

ClientSampleId :

DAMD8

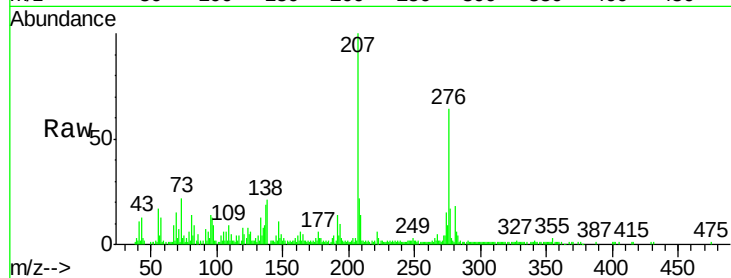
Tot Ion:276 Resp: 135537

Ion Ratio Lower Upper

276 100

138 32.2 15.3 22.9#

277 26.0 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

