

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000425.D
 Acq On : 15 Mar 2018 20:38
 Operator : JU/SJ
 Sample : J1864-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 06:49:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 06:47:18 2018
 Response via : Initial Calibration

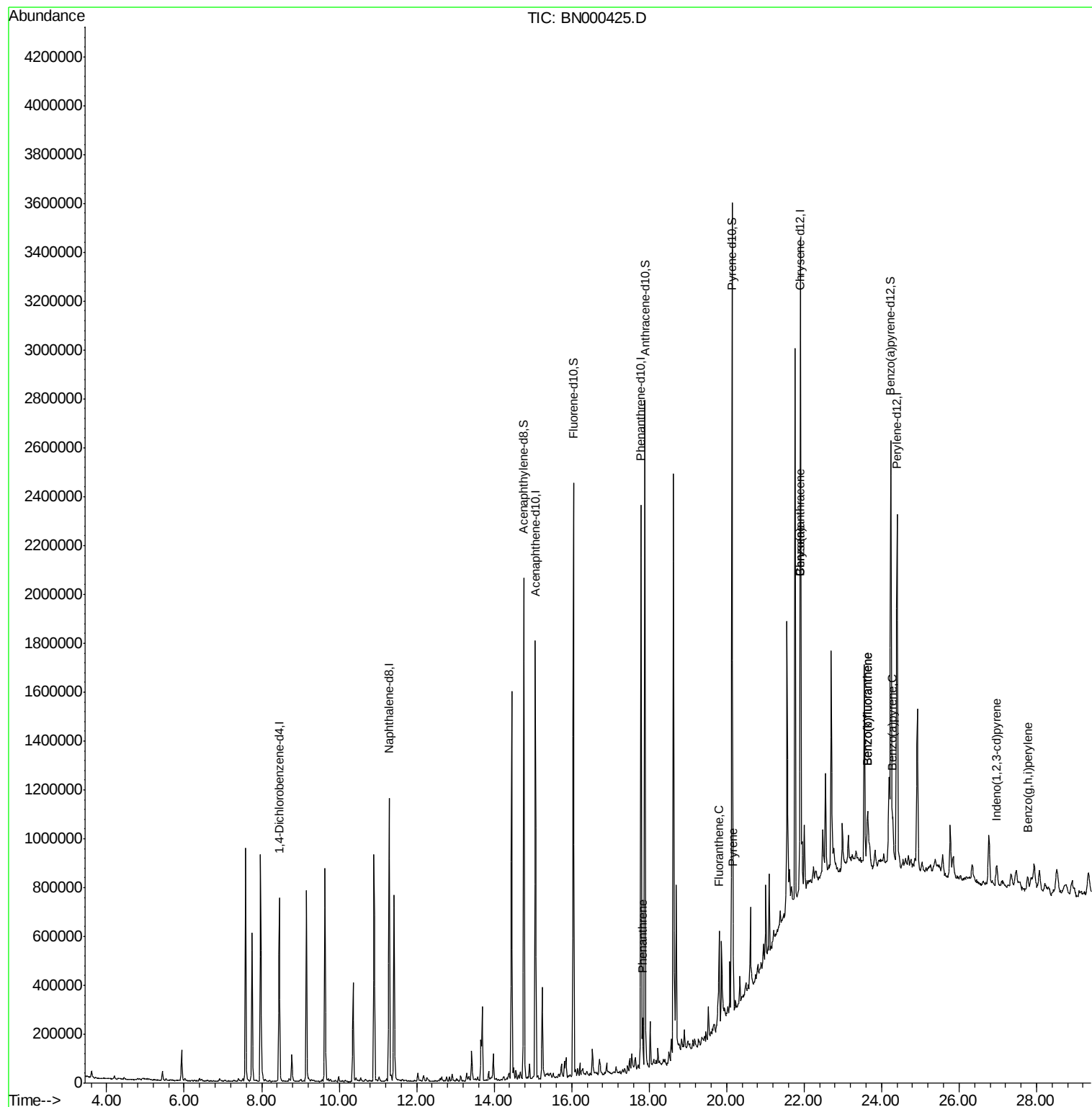
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	205707	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	985810	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	560747	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1255559	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1116215	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1042270	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1382461	24.84	ng/ul	0.00
10) Fluorene-d10	16.05	176	911222	24.18	ng/ul	0.00
14) Anthracene-d10	17.89	188	1426422	24.32	ng/ul	0.00
18) Pyrene-d10	20.14	212	1507591	27.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1164914	24.48	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	83995	1.167	ng/ul	98
16) Fluoranthene	19.81	202	201376	2.588	ng/ul#	91
19) Pyrene	20.17	202	182085	2.584	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	106697	1.538	ng/ul	96
21) Chrysene	21.89	228	98205	1.491	ng/ul	92
23) Benzo(b)fluoranthene	23.64	252	159938	2.573	ng/ul#	87
24) Benzo(k)fluoranthene	23.64	252	159938	2.749	ng/ul#	87
26) Benzo(a)pyrene	24.29	252	96267	1.627	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.97	276	73120	1.146	ng/ul#	77
29) Benzo(g,h,i)perylene	27.77	276	65651	1.233	ng/ul#	84

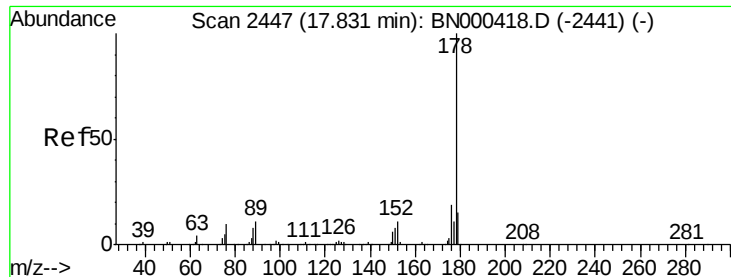
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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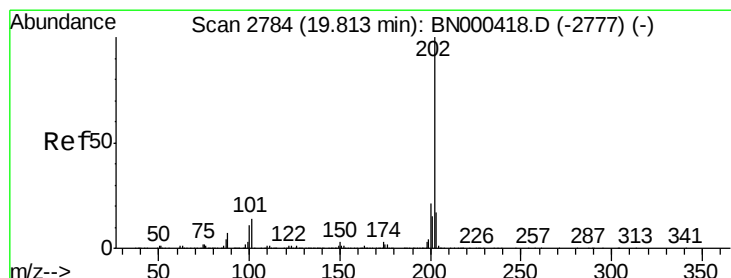
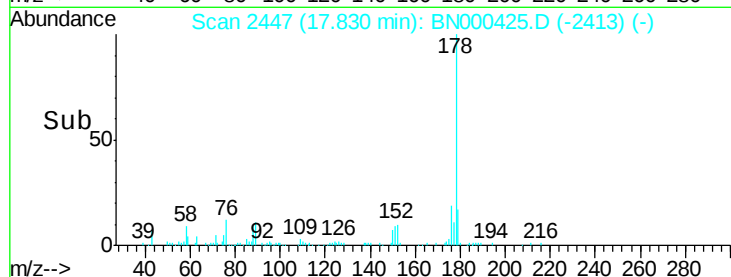
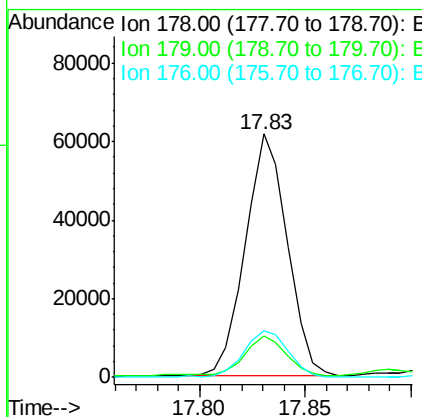
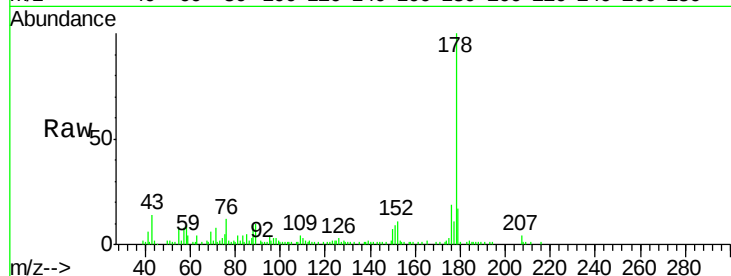




#13
Phenanthrene
Concen: 1.167 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

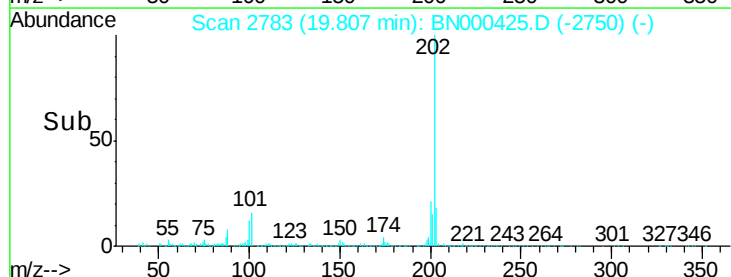
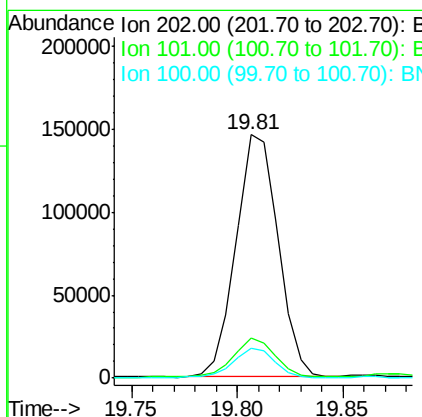
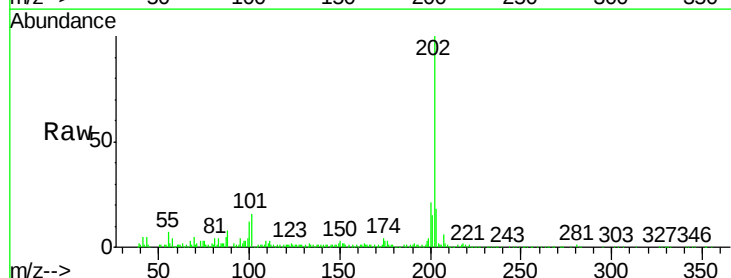
Instrument :
BNA_N
ClientSampleId :

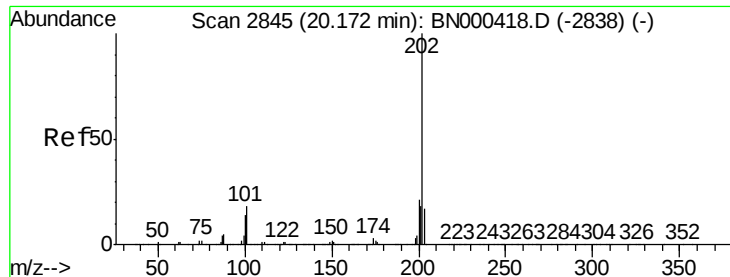
Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.3	18.5
176	19.2	15.1	22.7



#16
Fluoranthene
Concen: 2.588 ng/ul
RT: 19.81 min Scan# 2783
Delta R.T. -0.01 min
Lab File: BN000425.D
Acq: 15 Mar 2018 20:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.5	9.9	14.9#
100	12.1	7.4	11.0#





#19

Pvrene

Concen: 2.584 ng/ul

RT: 20.17 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BN000425.D

Acq: 15 Mar 2018 20:38

Instrument :

BNA_N

ClientSampleId :

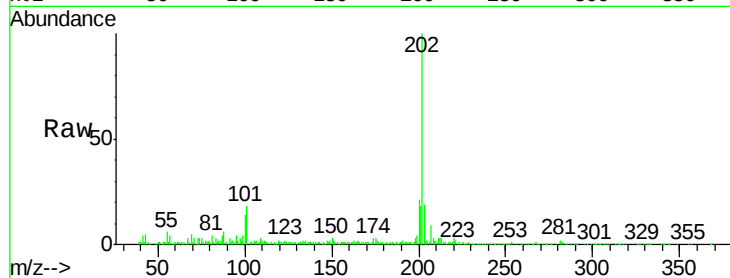
Tot Ion:202 Resp: 182085

Ion Ratio Lower Upper

202 100

101 17.6 11.0 16.4#

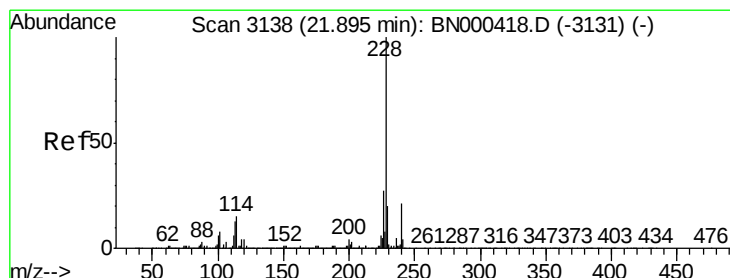
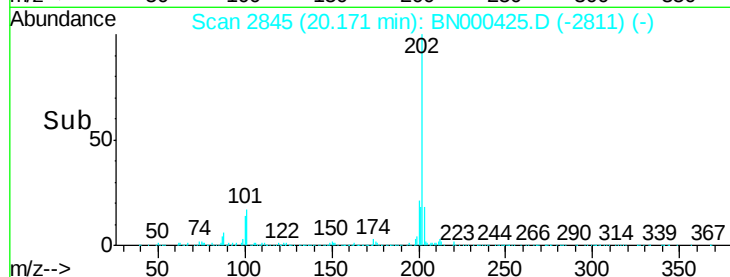
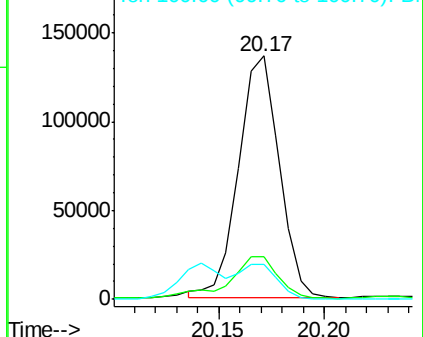
100 14.1 8.1 12.1#



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: 1.538 ng/ul

RT: 21.89 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BN000425.D

Acq: 15 Mar 2018 20:38

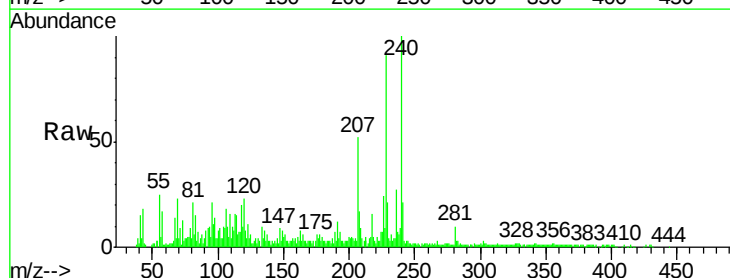
Tgt Ion:228 Resp: 106697

Ion Ratio Lower Upper

228 100

229 23.3 15.7 23.5

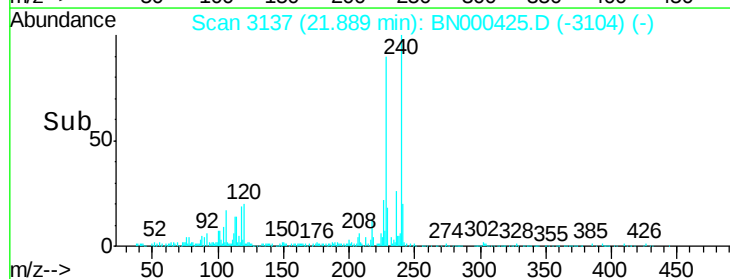
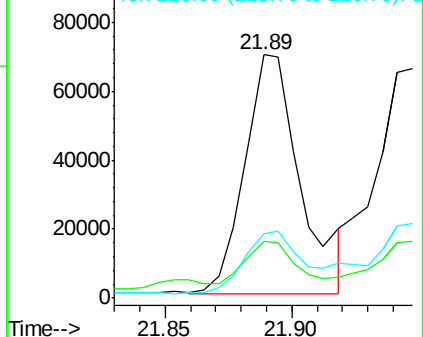
226 26.5 21.1 31.7

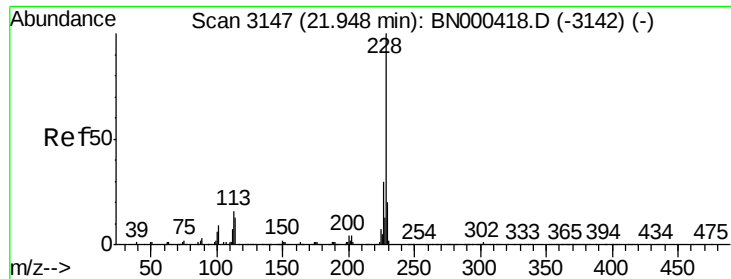


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.491 ng/ul

RT: 21.89 min Scan# 3137

Delta R.T. -0.06 min

Lab File: BN000425.D

Acq: 15 Mar 2018 20:38

Instrument :

BNA_N

ClientSampled :

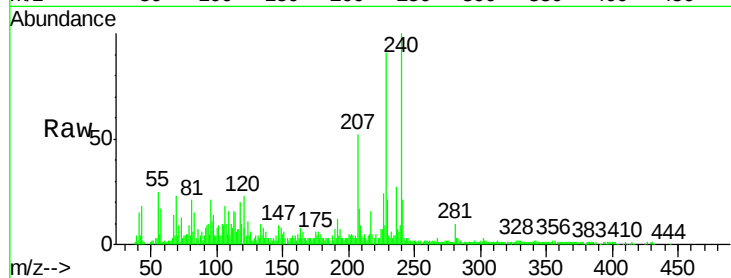
Tot Ion:228 Resp: 98205

Ion Ratio Lower Upper

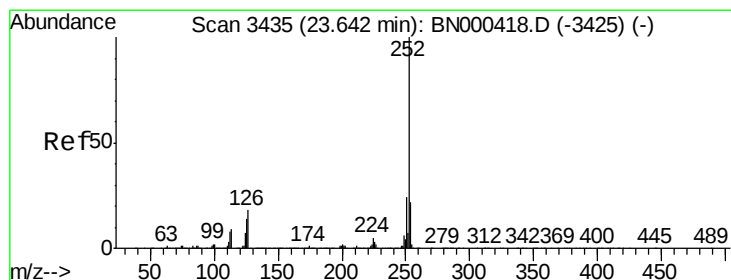
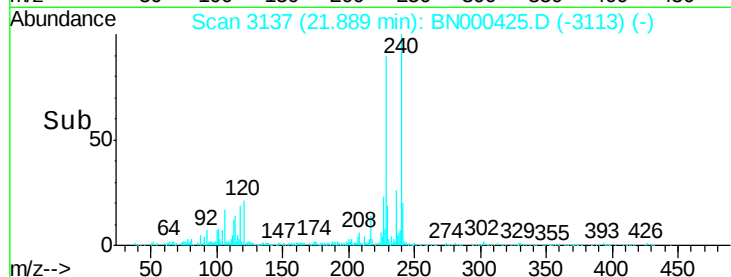
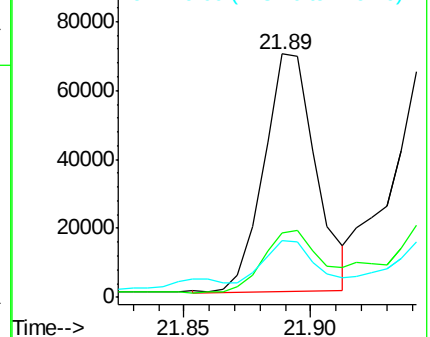
228 100

226 26.5 24.5 36.7

229 23.3 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: 2.573 ng/ul

RT: 23.64 min Scan# 3435

Delta R.T. -0.00 min

Lab File: BN000425.D

Acq: 15 Mar 2018 20:38

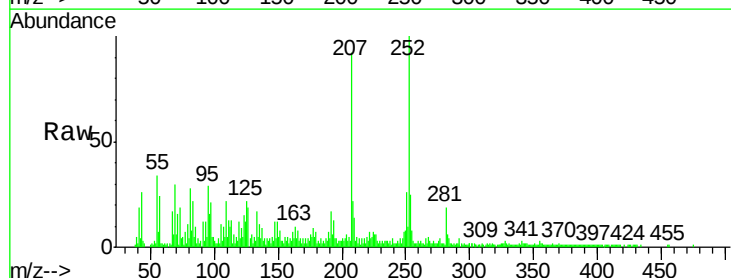
Tgt Ion:252 Resp: 159938

Ion Ratio Lower Upper

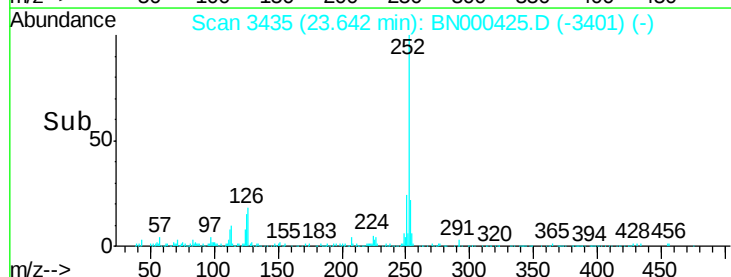
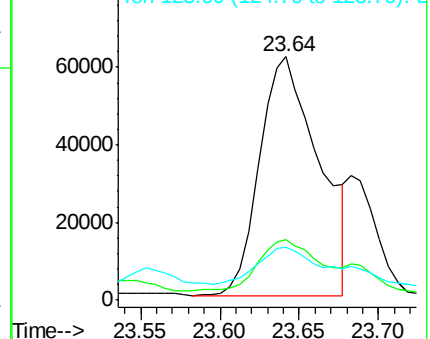
252 100

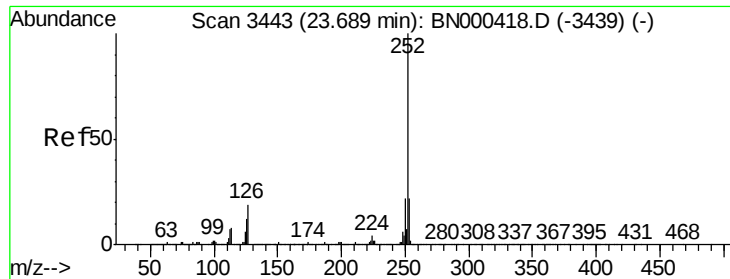
253 24.7 18.0 27.0

125 21.6 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: 2.749 ng/ul

RT: 23.64 min Scan# 3435

Delta R.T. -0.05 min

Lab File: BN000425.D

Acq: 15 Mar 2018 20:38

Instrument :

BNA_N

ClientSampleId :

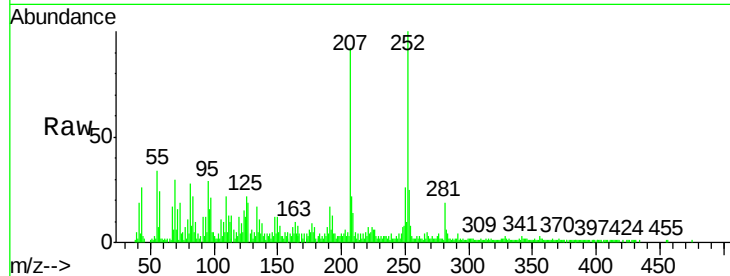
Tot Ion:252 Resp: 159938

Ion Ratio Lower Upper

252 100

253 24.7 18.0 27.0

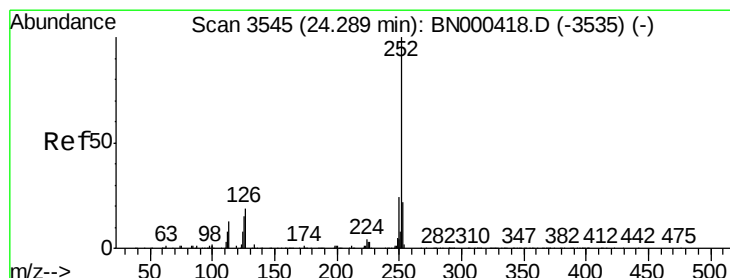
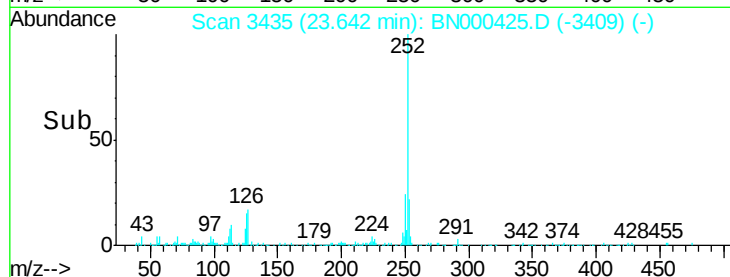
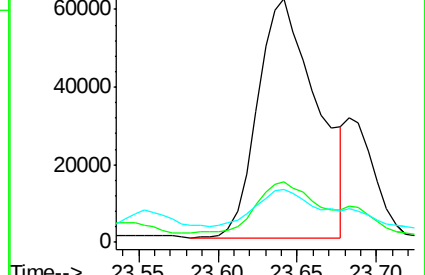
125 21.6 8.1 12.1#



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: 1.627 ng/ul

RT: 24.29 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BN000425.D

Acq: 15 Mar 2018 20:38

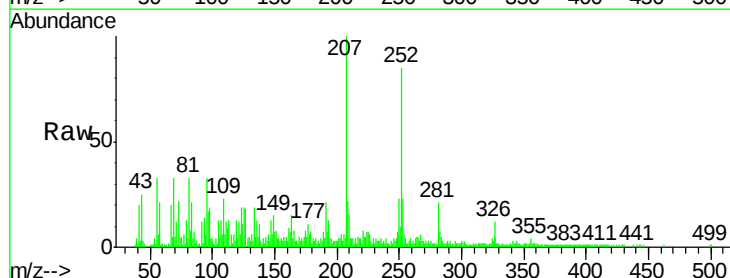
Tgt Ion:252 Resp: 96267

Ion Ratio Lower Upper

252 100

253 27.4 17.2 25.8#

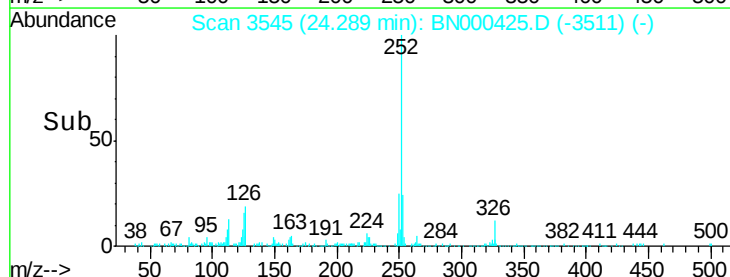
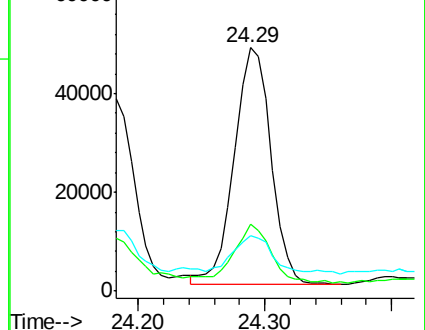
125 22.9 8.2 12.4#

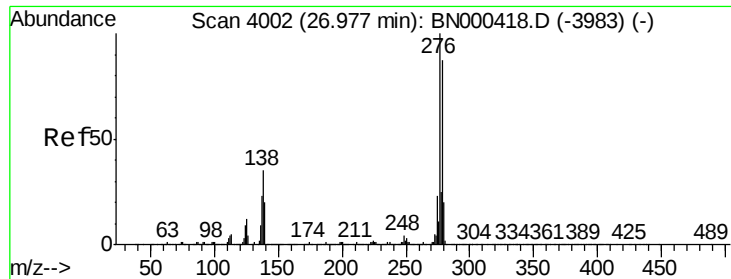


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

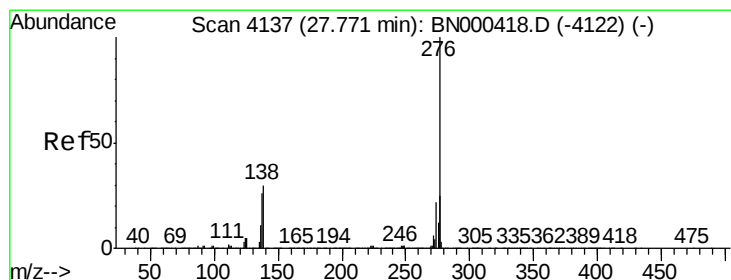
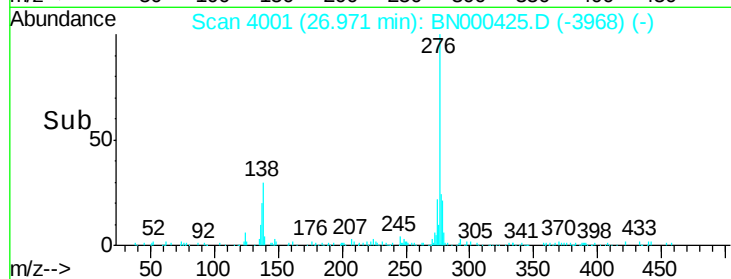
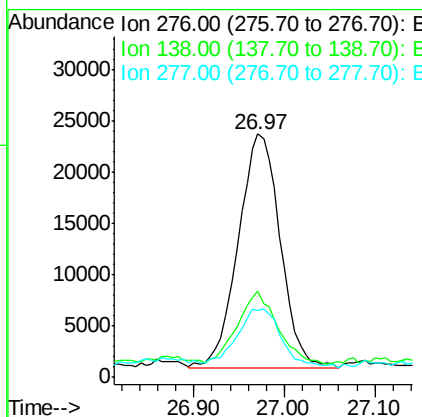
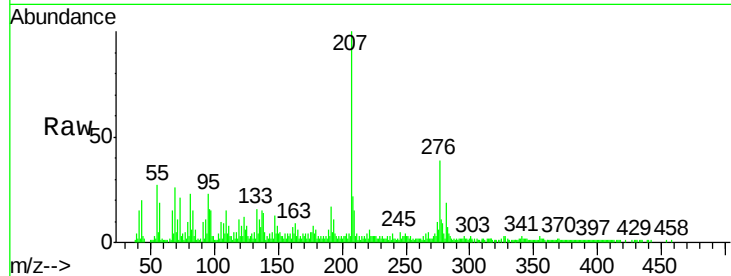




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.146 ng/ul
 RT: 26.97 min Scan# 4001
 Delta R.T. -0.01 min
 Lab File: BN000425.D
 Acq: 15 Mar 2018 20:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 73120
 Ion Ratio Lower Upper
 276 100
 138 35.3 14.4 21.6#
 277 27.5 18.0 27.0#



#29
 Benzo(g,h,i)perylene
 Concen: 1.233 ng/ul
 RT: 27.77 min Scan# 4137
 Delta R.T. -0.00 min
 Lab File: BN000425.D
 Acq: 15 Mar 2018 20:38

Tgt Ion:276 Resp: 65651
 Ion Ratio Lower Upper
 276 100
 138 32.1 15.3 22.9#
 277 26.8 19.0 28.4

