

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000413.D
 Acq On : 15 Mar 2018 13:40
 Operator : JU/SJ
 Sample : J1864-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 05:44:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 05:42:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	215143	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1023554	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	572961	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1241921	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1005391	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	924935	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.77	160	1837106	32.30	ng/ul	0.00
10) Fluorene-d10	16.04	176	1202036	31.22	ng/ul	0.00
14) Anthracene-d10	17.88	188	1846506	31.82	ng/ul	0.00
18) Pyrene-d10	20.14	212	1860233	37.82	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1357235	32.13	ng/ul	0.00

Target Compounds

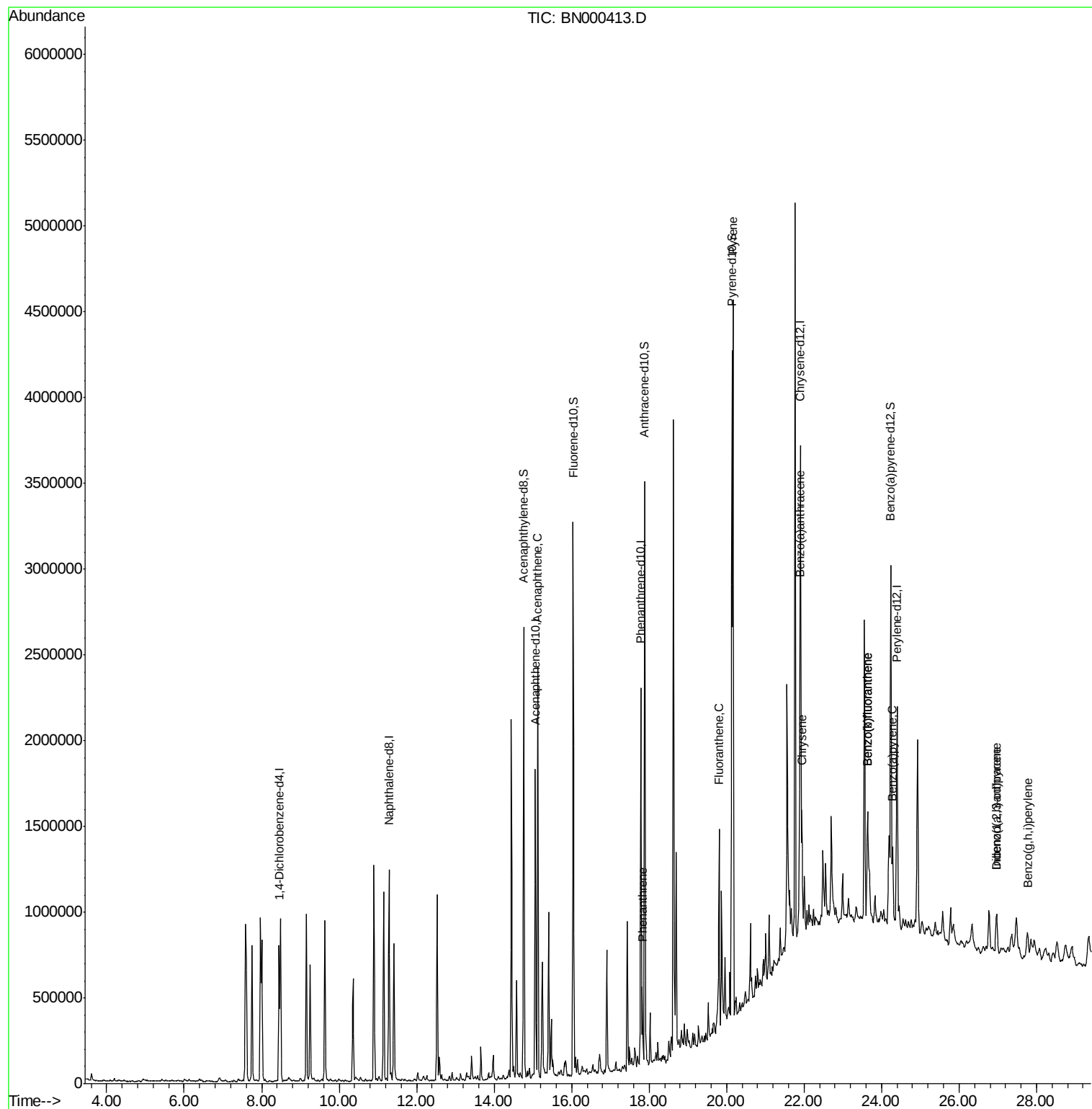
					Ovalue	
9) Acenaphthene	15.12	153	947695	23.827	ng/ul	96
13) Phenanthrene	17.83	178	236155	3.316	ng/ul	99
16) Fluoranthene	19.81	202	624950	8.121	ng/ul#	93
19) Pyrene	20.17	202	2337946	36.832	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	313706	5.019	ng/ul	96
21) Chrysene	21.95	228	328695	5.542	ng/ul	97
23) Benzo(b)fluoranthene	23.64	252	466724	8.462	ng/ul#	93
24) Benzo(k)fluoranthene	23.64	252	466724	9.040	ng/ul#	93
26) Benzo(a)pyrene	24.29	252	279715	5.329	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.97	276	200209	3.537	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.97	278	55101	1.188	ng/ul#	68
29) Benzo(g,h,i)perylene	27.77	276	176279	3.730	ng/ul#	85

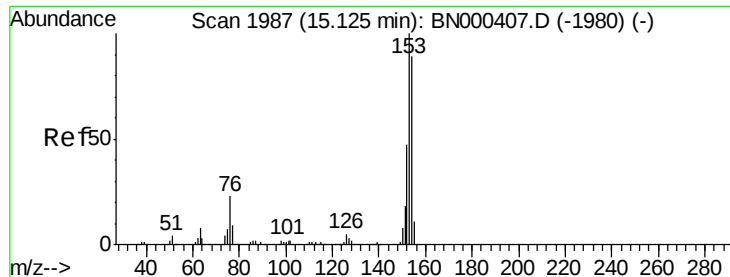
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000413.D
Acq On : 15 Mar 2018 13:40
Operator : JU/SJ
Sample : J1864-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Mar 16 05:44:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 05:42:40 2018
Response via : Initial Calibration





#9

Acenaphthene

Concen: 23.827 ng/ul

RT: 15.12 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN000413.D

Acq: 15 Mar 2018 13:40

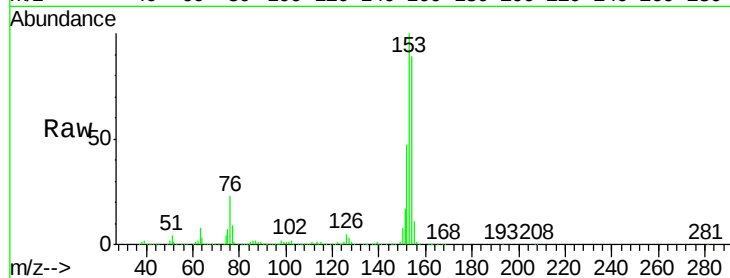
Instrument :

BNA_N

ClientSampleId :

Tot Ion:153 Resp: 947695

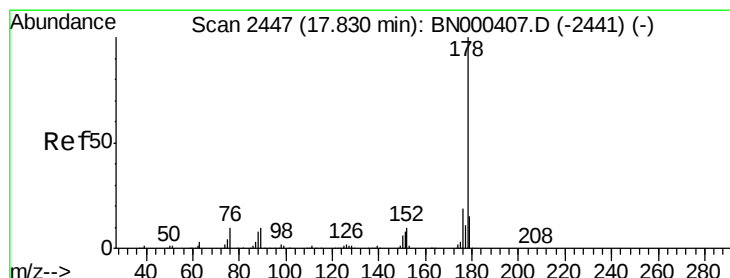
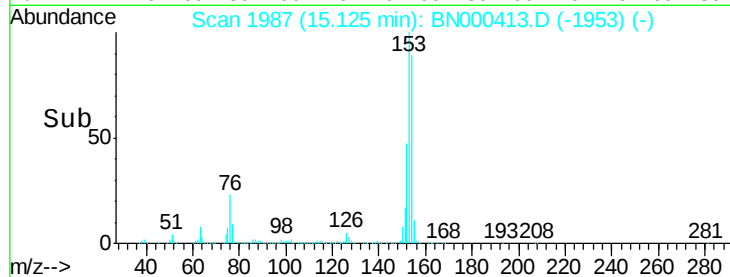
Ion	Ratio	Lower	Upper
153	100		
152	47.4	39.0	58.6
154	88.7	66.8	100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 3.316 ng/ul

RT: 17.83 min Scan# 2447

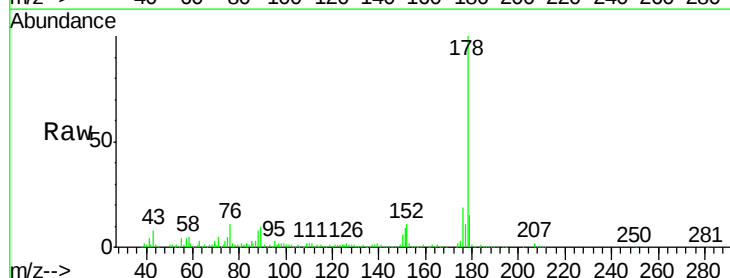
Delta R.T. 0.00 min

Lab File: BN000413.D

Acq: 15 Mar 2018 13:40

Tgt Ion:178 Resp: 236155

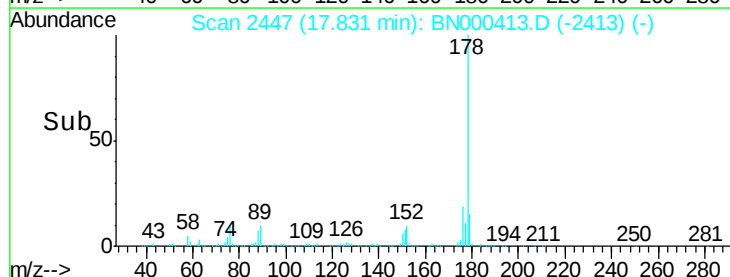
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.2	15.1	22.7

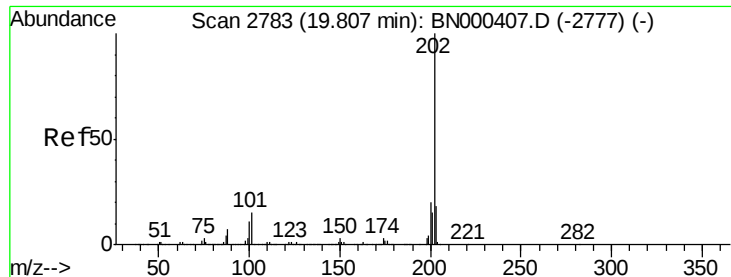


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

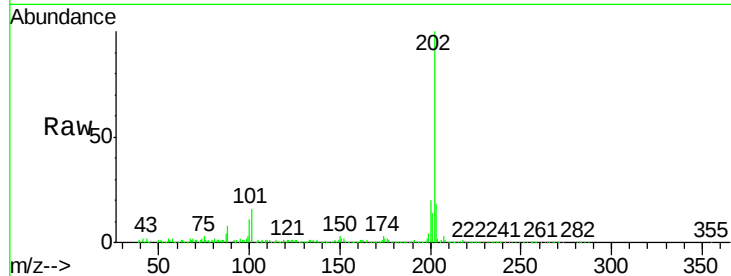




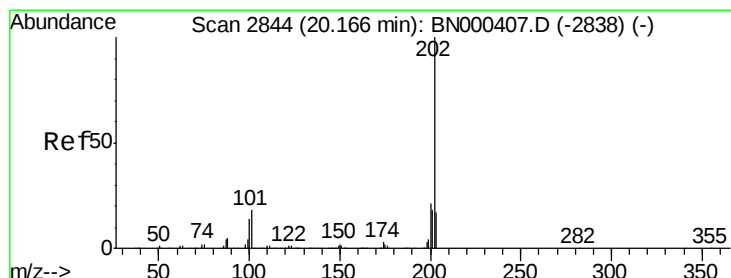
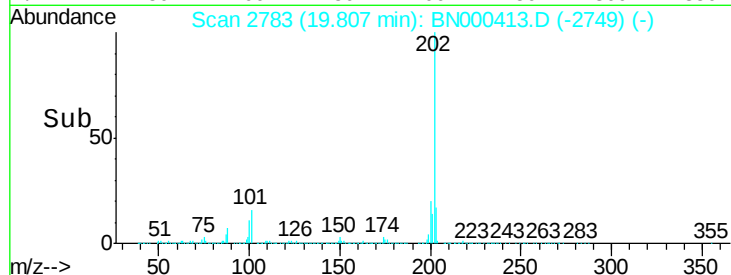
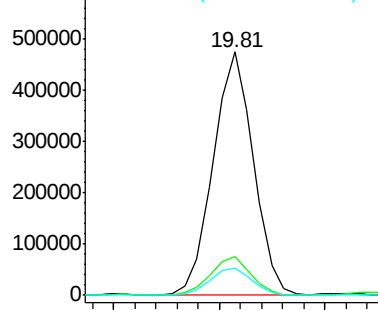
#16
Fluoranthene
 Concen: 8.121 ng/ul
 RT: 19.81 min Scan# 2783
 Delta R.T. 0.00 min
 Lab File: BN000413.D
 Acq: 15 Mar 2018 13:40

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.9	14.9#
100	11.3	7.4	11.0#

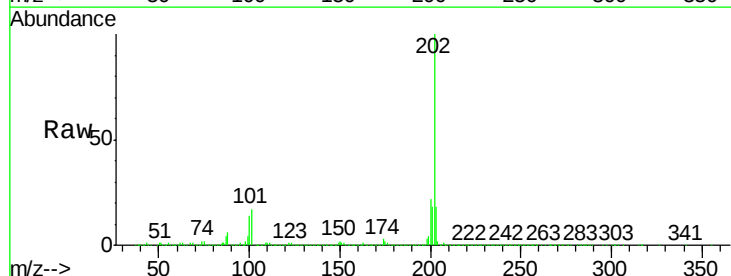


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

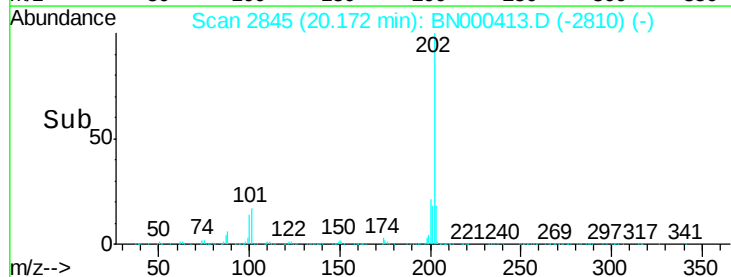
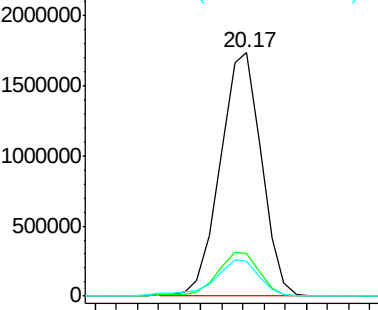


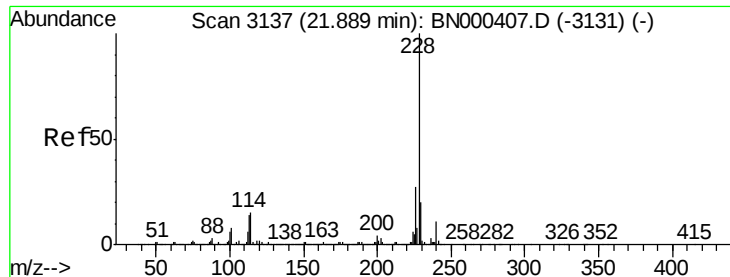
#19
Pyrene
 Concen: 36.832 ng/ul
 RT: 20.17 min Scan# 2845
 Delta R.T. 0.01 min
 Lab File: BN000413.D
 Acq: 15 Mar 2018 13:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.5	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): B





#20

Benzo(a)anthracene

Concen: 5.019 ng/ul

RT: 21.89 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BN000413.D

Acq: 15 Mar 2018 13:40

Instrument :

BNA_N

ClientSampleId :

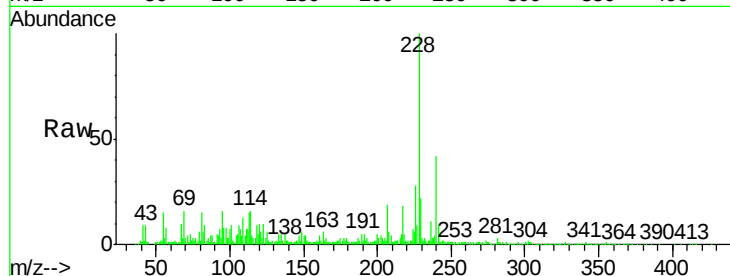
Tot Ion:228 Resp: 313706

Ion Ratio Lower Upper

228 100

229 22.0 15.7 23.5

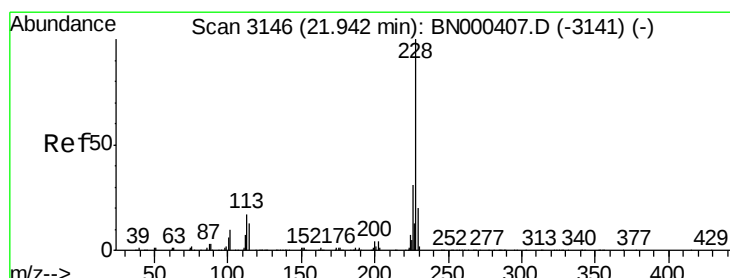
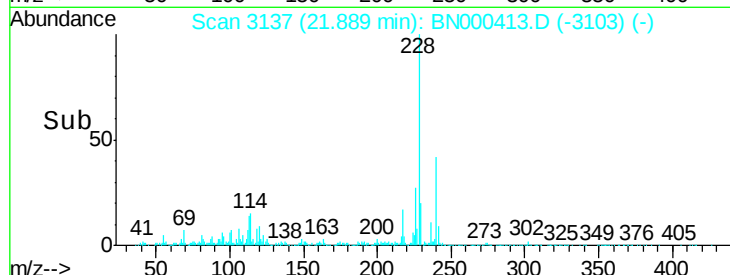
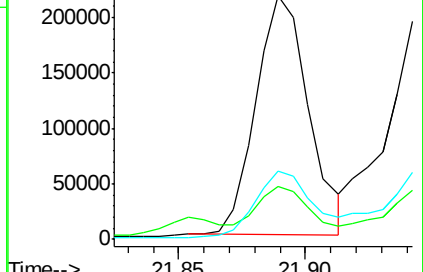
226 28.1 21.1 31.7



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: 5.542 ng/ul

RT: 21.95 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BN000413.D

Acq: 15 Mar 2018 13:40

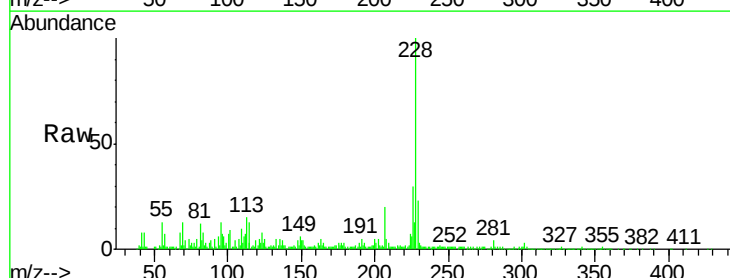
Tgt Ion:228 Resp: 328695

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

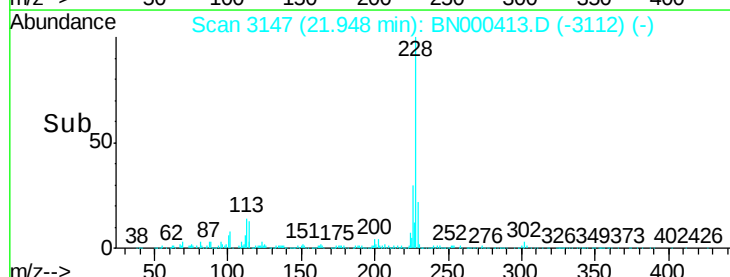
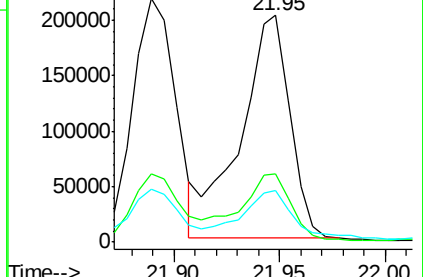
229 22.9 15.8 23.8

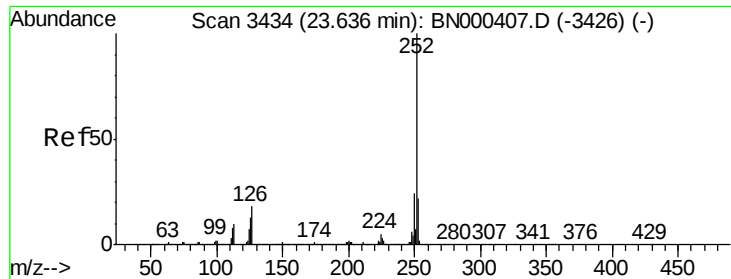


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 8.462 ng/ul

RT: 23.64 min Scan# 3434

Delta R.T. 0.00 min

Lab File: BN000413.D

Acq: 15 Mar 2018 13:40

Instrument :

BNA_N

ClientSampled :

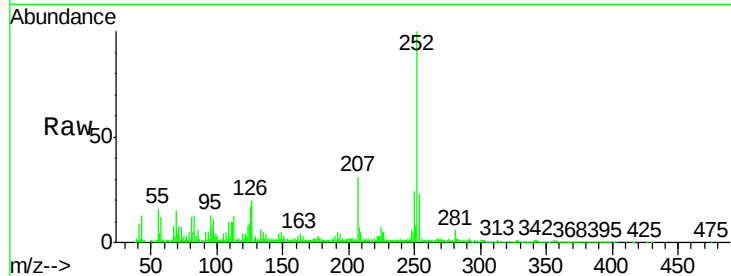
Tot Ion:252 Resp: 466724

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

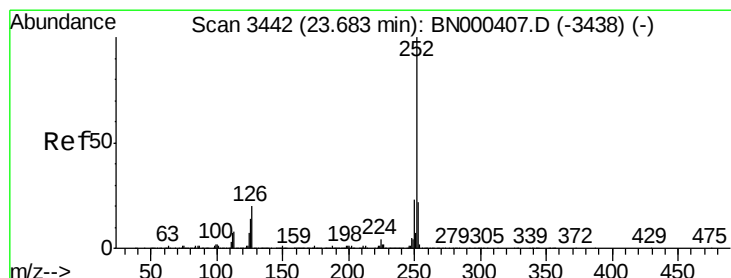
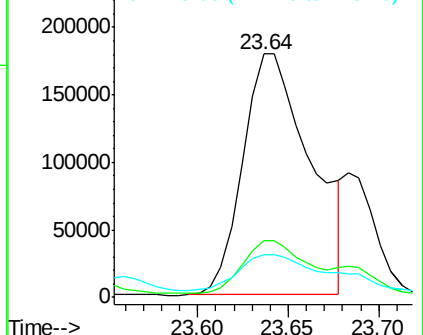
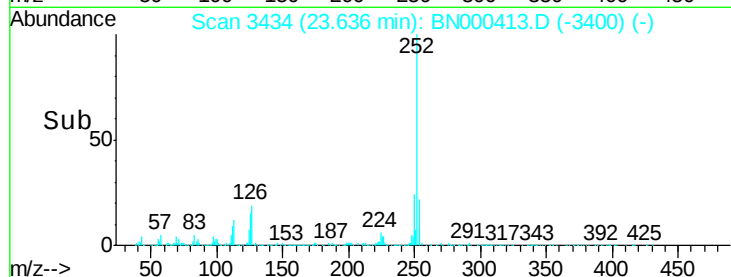
125 17.3 8.0 12.0#



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: 9.040 ng/ul

RT: 23.64 min Scan# 3434

Delta R.T. -0.05 min

Lab File: BN000413.D

Acq: 15 Mar 2018 13:40

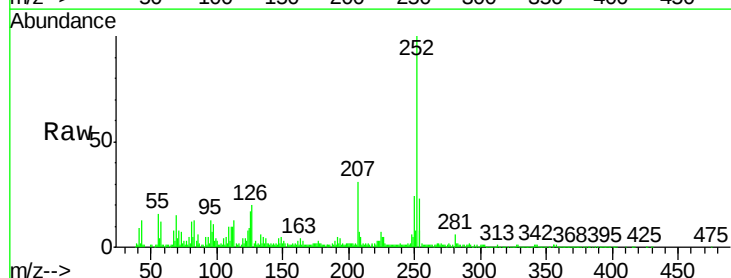
Tgt Ion:252 Resp: 466724

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

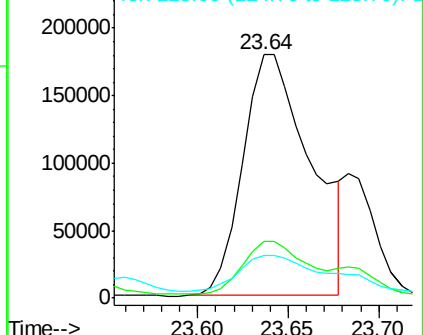
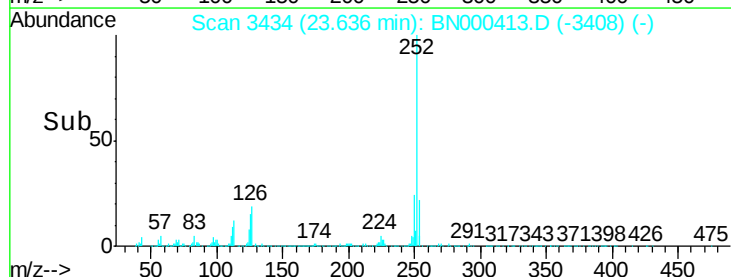
125 17.3 8.1 12.1#

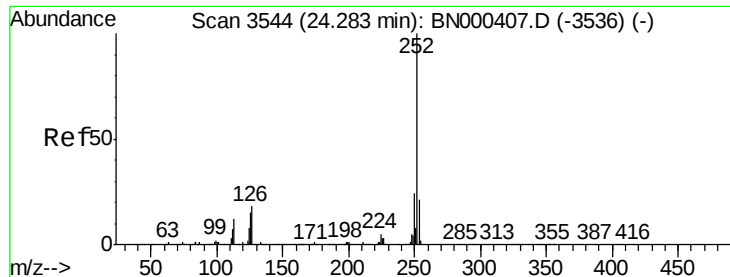


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 5.329 ng/ul

RT: 24.29 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BN000413.D

Acq: 15 Mar 2018 13:40

Instrument :

BNA_N

ClientSampleId :

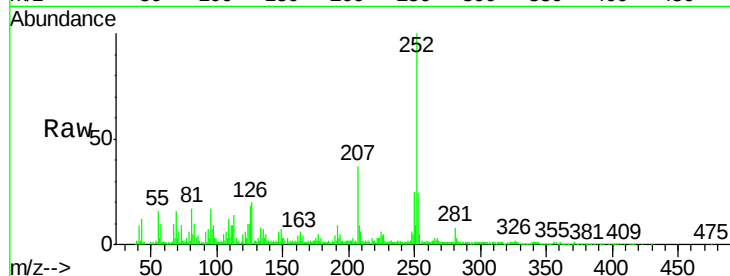
Tot Ion:252 Resp: 279715

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

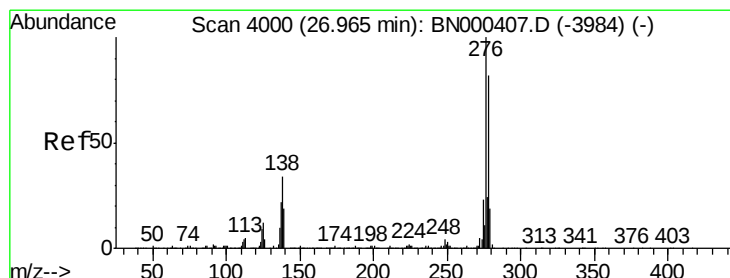
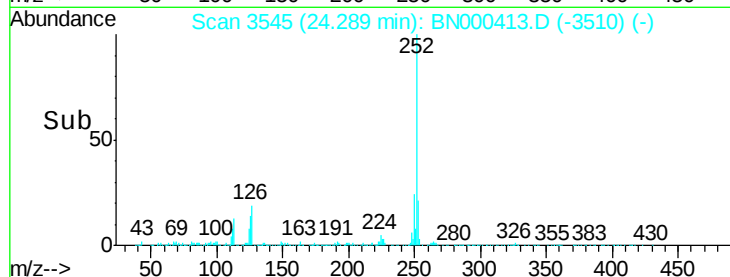
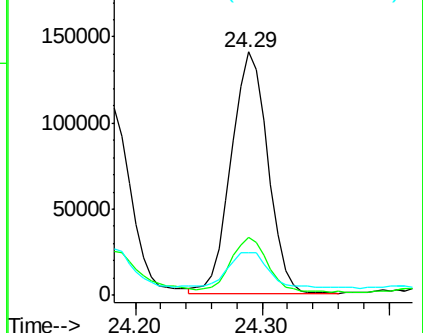
125 17.5 8.2 12.4#



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: 3.537 ng/ul

RT: 26.97 min Scan# 4000

Delta R.T. 0.00 min

Lab File: BN000413.D

Acq: 15 Mar 2018 13:40

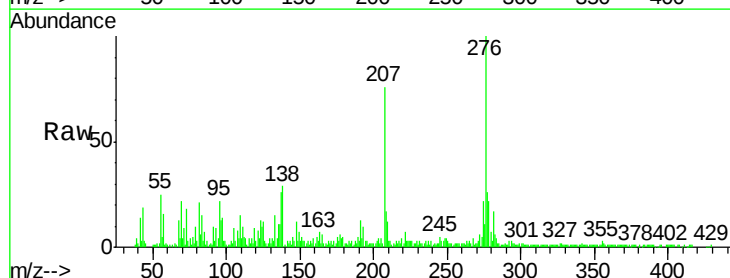
Tgt Ion:276 Resp: 200209

Ion Ratio Lower Upper

276 100

138 29.4 14.4 21.6#

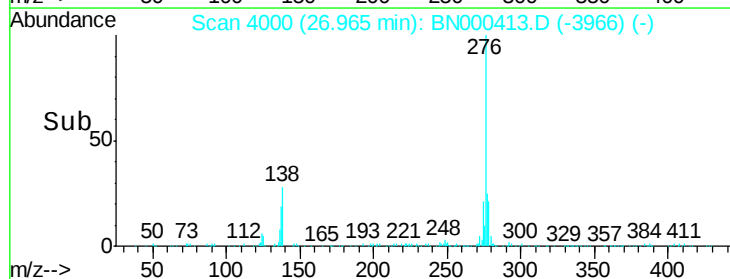
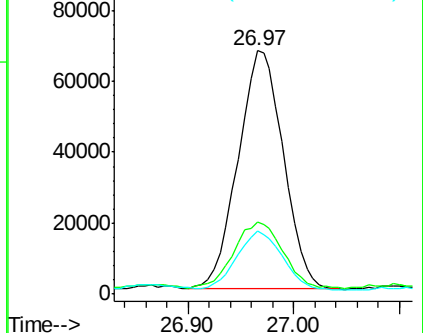
277 26.2 18.0 27.0

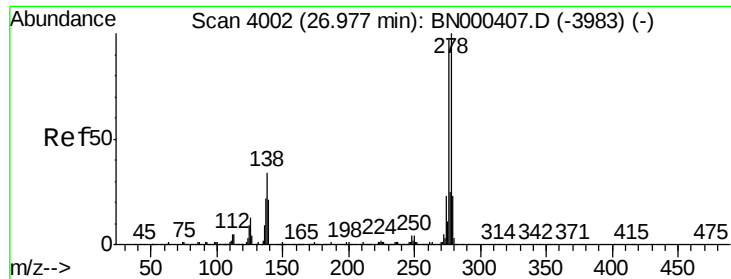


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

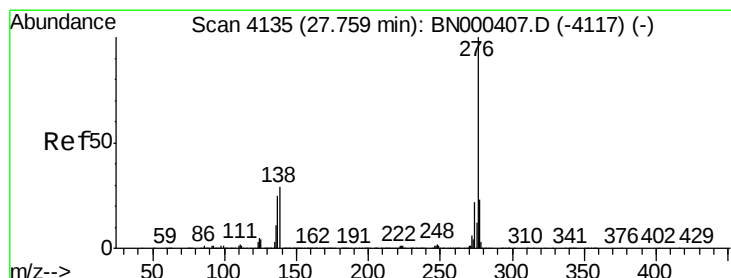
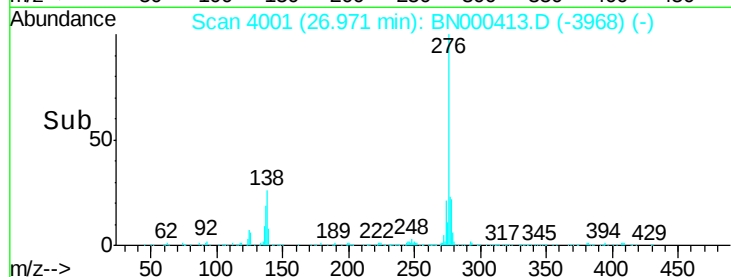
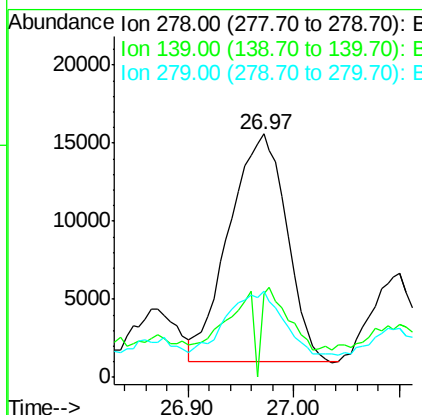
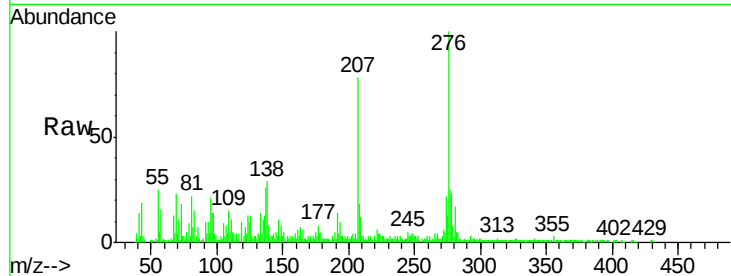




#28
Dibenzo(a,h)anthracene
Concen: 1.188 ng/ul
RT: 26.97 min Scan# 4001
Delta R.T. -0.01 min
Lab File: BN000413.D
Acq: 15 Mar 2018 13:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 55101
Ion Ratio Lower Upper
278 100
139 34.5 12.2 18.4#
279 35.5 19.2 28.8#



#29
Benzo(g,h,i)perylene
Concen: 3.730 ng/ul
RT: 27.77 min Scan# 4136
Delta R.T. 0.01 min
Lab File: BN000413.D
Acq: 15 Mar 2018 13:40

Tgt Ion:276 Resp: 176279
Ion Ratio Lower Upper
276 100
138 31.6 15.3 22.9#
277 26.1 19.0 28.4

