

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000415.D
 Acq On : 15 Mar 2018 14:49
 Operator : JU/SJ
 Sample : J1864-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 05:45:04 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

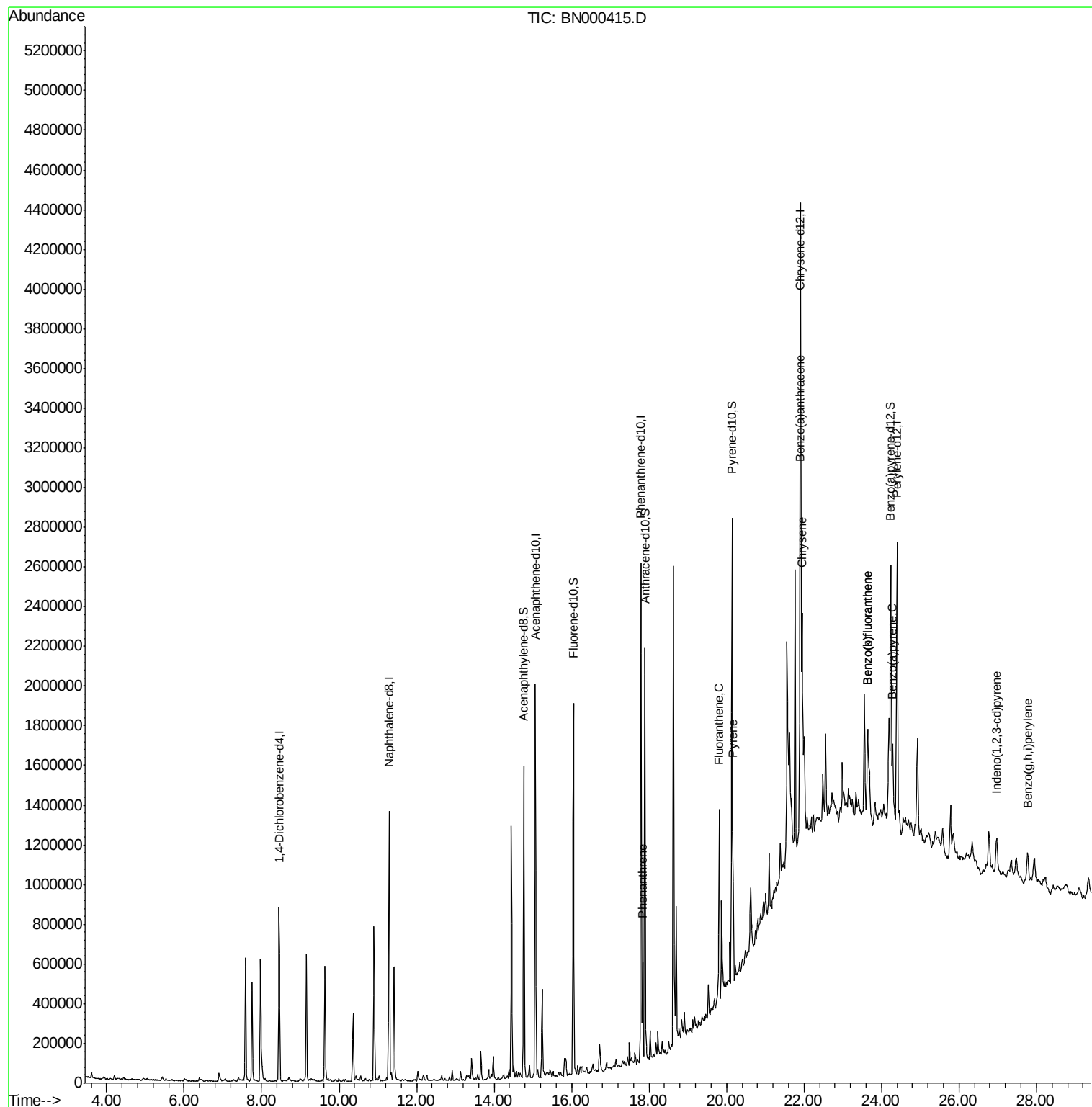
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	247371	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1146082	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	630844	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1350565	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1112218	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1032134	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1105002	17.65	ng/ul	0.00
10) Fluorene-d10	16.05	176	723128	17.06	ng/ul	0.00
14) Anthracene-d10	17.89	188	1105494	17.52	ng/ul	0.00
18) Pyrene-d10	20.14	212	1111765	20.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	825158	17.51	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	261306	3.374	ng/ul	99
16) Fluoranthene	19.81	202	559599	6.687	ng/ul	96
19) Pyrene	20.17	202	477525	6.800	ng/ul#	91
20) Benzo(a)anthracene	21.89	228	237602	3.436	ng/ul	96
21) Chrysene	21.95	228	251516	3.833	ng/ul	96
23) Benzo(b)fluoranthene	23.64	252	371188	6.031	ng/ul#	90
24) Benzo(k)fluoranthene	23.64	252	371188	6.443	ng/ul#	90
26) Benzo(a)pyrene	24.29	252	220639	3.767	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.98	276	163011	2.581	ng/ul#	82
29) Benzo(g,h,i)perylene	27.77	276	202363	3.837	ng/ul#	86

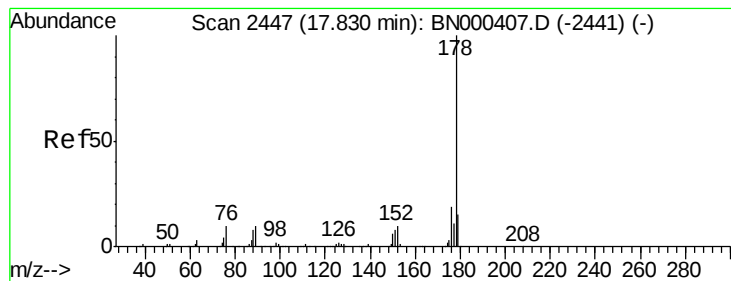
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 3.374 ng/ul

RT: 17.83 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN000415.D

Acq: 15 Mar 2018 14:49

Instrument :

BNA_N

ClientSampled :

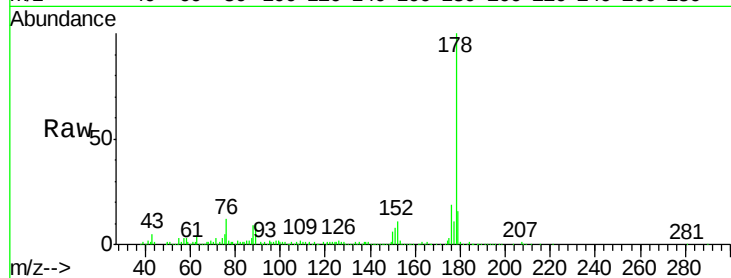
Tot Ion:178 Resp: 261306

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

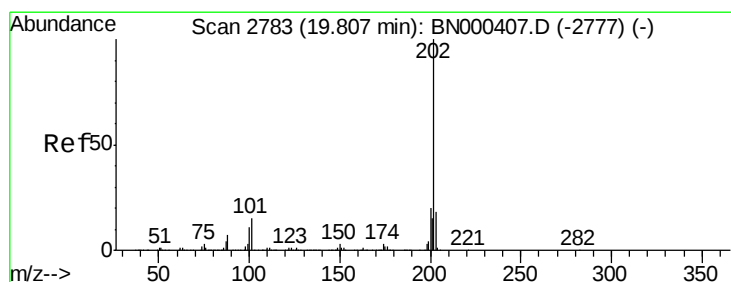
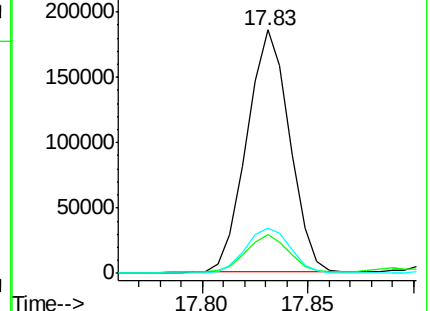
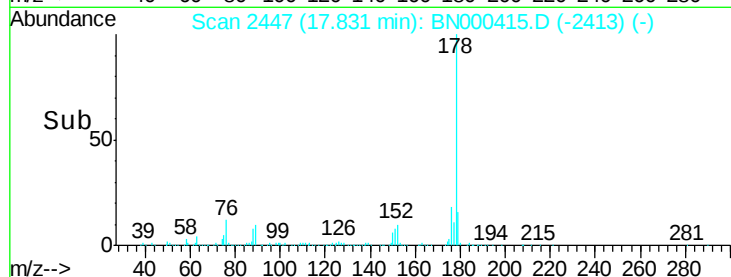
176 18.6 15.1 22.7



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: 6.687 ng/ul

RT: 19.81 min Scan# 2784

Delta R.T. 0.01 min

Lab File: BN000415.D

Acq: 15 Mar 2018 14:49

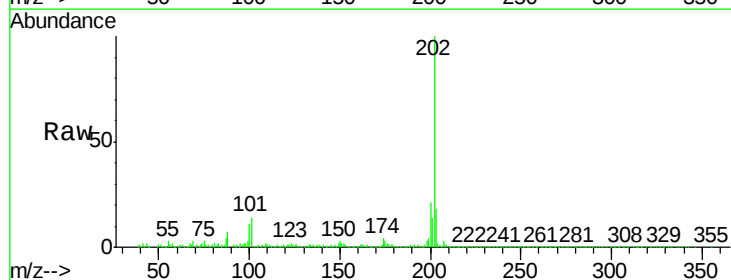
Tgt Ion:202 Resp: 559599

Ion Ratio Lower Upper

202 100

101 14.0 9.9 14.9

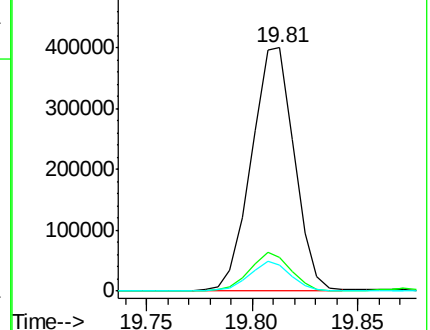
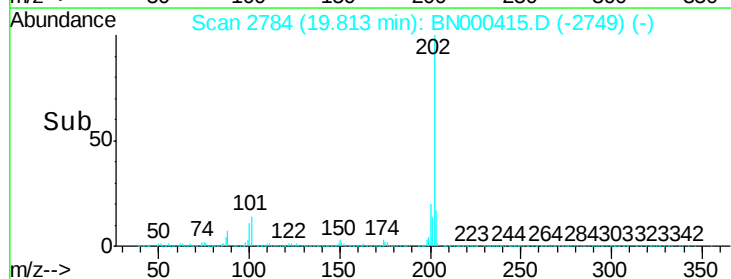
100 10.8 7.4 11.0

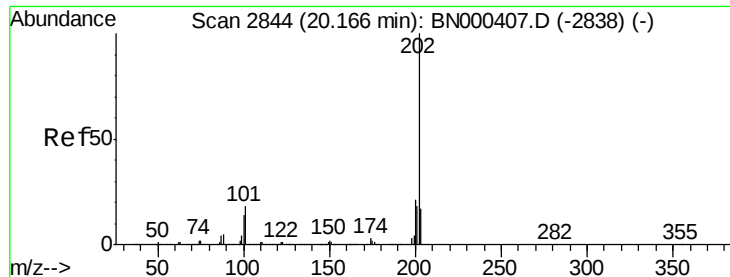


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

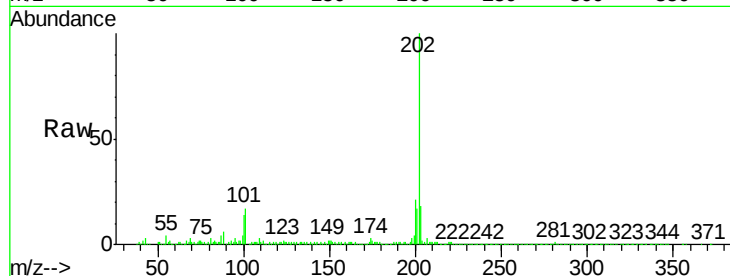




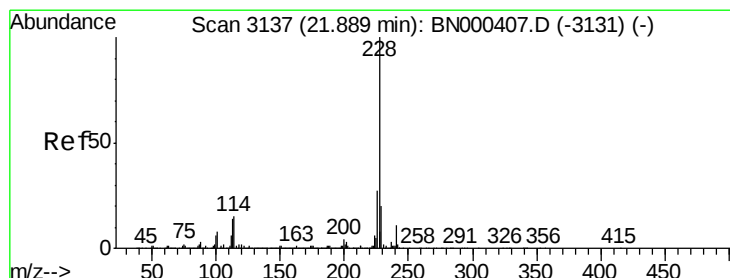
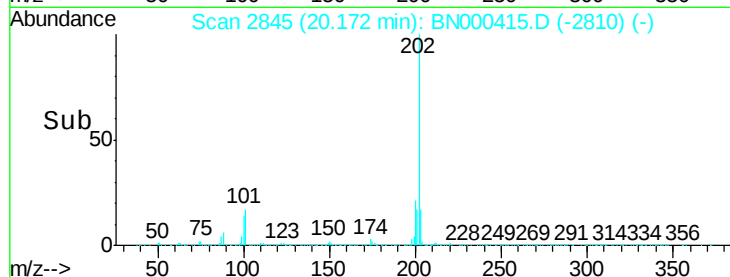
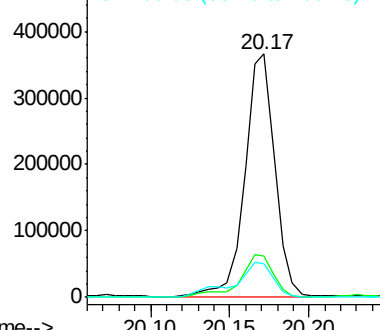
#19
Pvrene
Concen: 6.800 ng/ul
RT: 20.17 min Scan# 2845
Delta R.T. 0.01 min
Lab File: BN000415.D
Acq: 15 Mar 2018 14:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.8	11.0	16.4#
100	13.9	8.1	12.1#

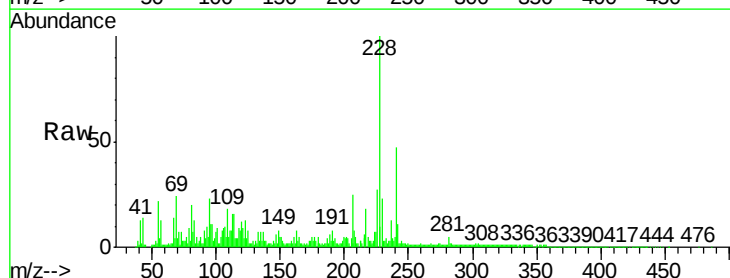


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

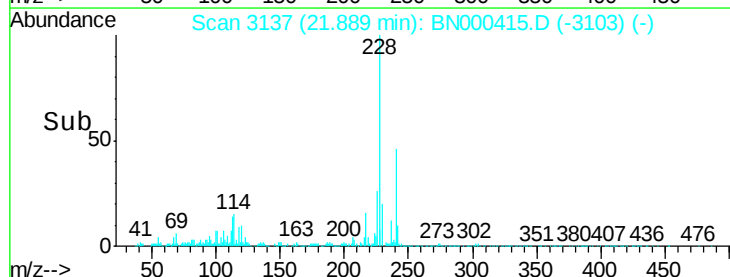
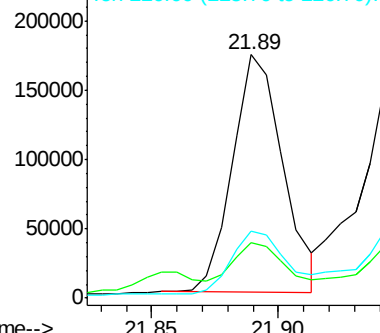


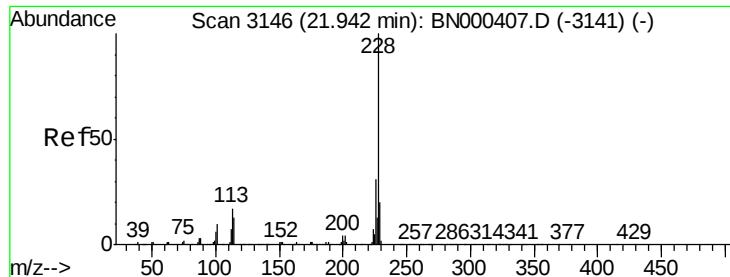
#20
Benzo(a)anthracene
Concen: 3.436 ng/ul
RT: 21.89 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BN000415.D
Acq: 15 Mar 2018 14:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.7	23.5
226	27.4	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: 3.833 ng/ul

RT: 21.95 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BN000415.D

Acq: 15 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

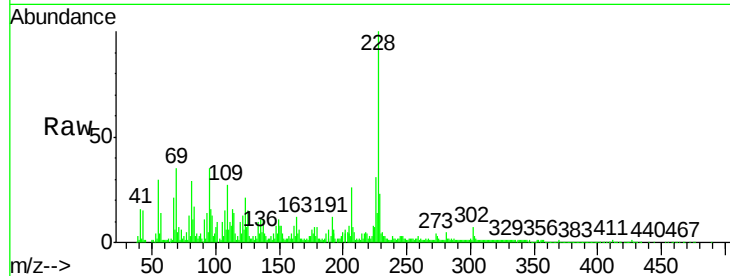
Tot Ion:228 Resp: 251516

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

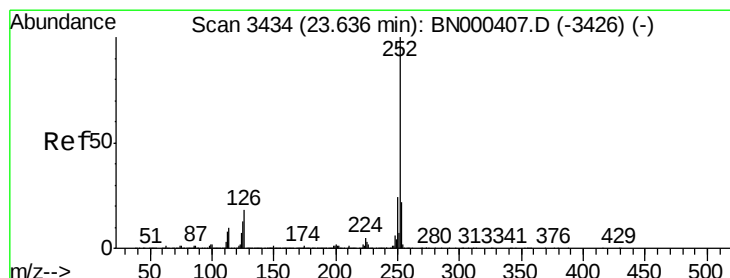
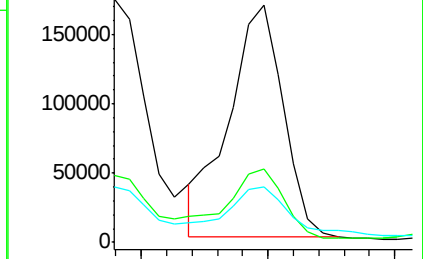
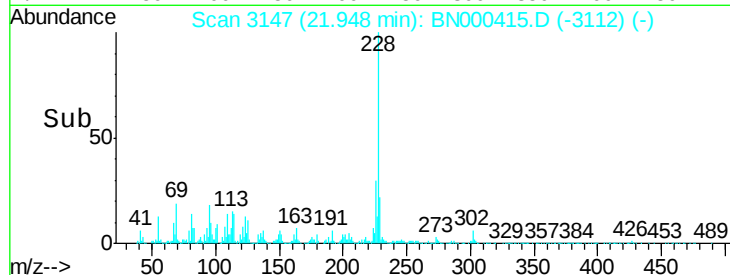
229 23.5 15.8 23.8



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: 6.031 ng/ul

RT: 23.64 min Scan# 3435

Delta R.T. 0.01 min

Lab File: BN000415.D

Acq: 15 Mar 2018 14:49

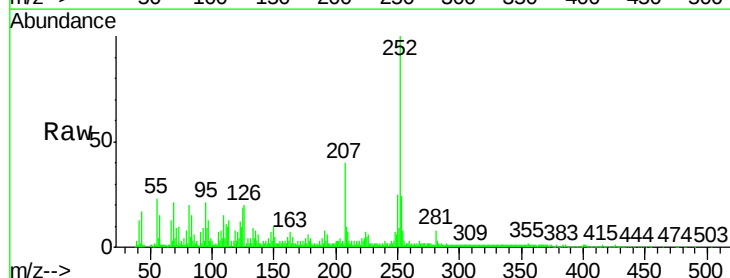
Tgt Ion:252 Resp: 371188

Ion Ratio Lower Upper

252 100

253 24.4 18.0 27.0

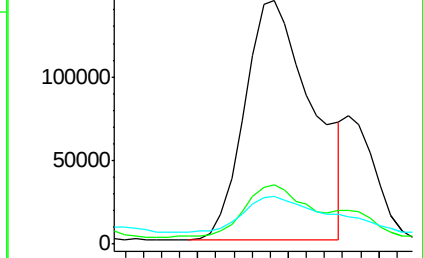
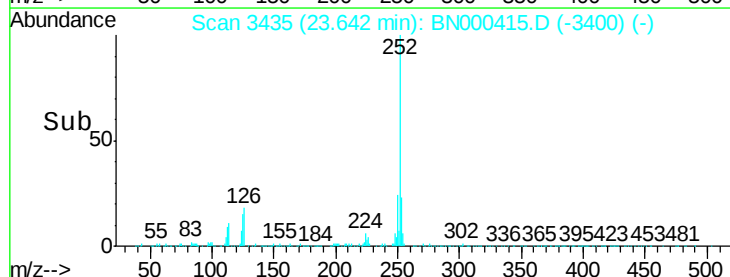
125 19.4 8.0 12.0#

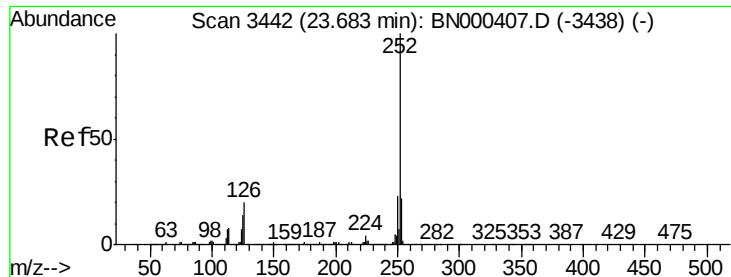


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 6.443 ng/ul

RT: 23.64 min Scan# 3435

Delta R.T. -0.04 min

Lab File: BN000415.D

Acq: 15 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

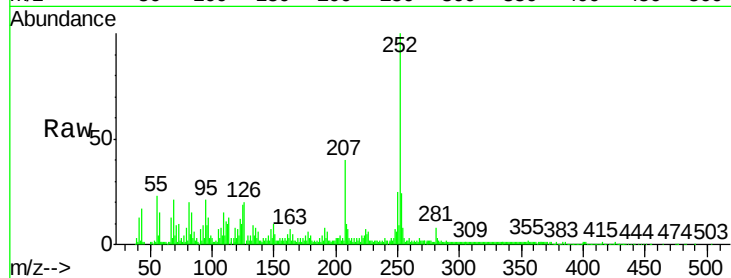
Tot Ion:252 Resp: 371188

Ion Ratio Lower Upper

252 100

253 24.4 18.0 27.0

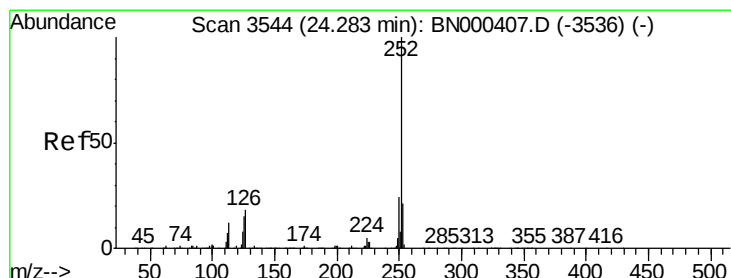
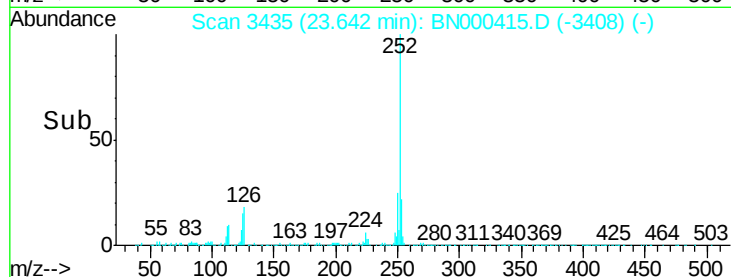
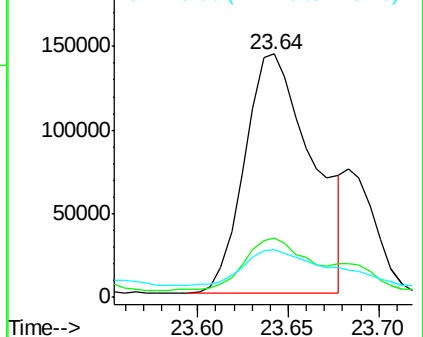
125 19.4 8.1 12.1#



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: 3.767 ng/ul

RT: 24.29 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BN000415.D

Acq: 15 Mar 2018 14:49

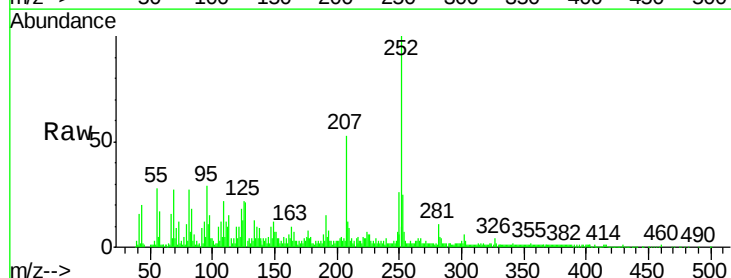
Tgt Ion:252 Resp: 220639

Ion Ratio Lower Upper

252 100

253 24.5 17.2 25.8

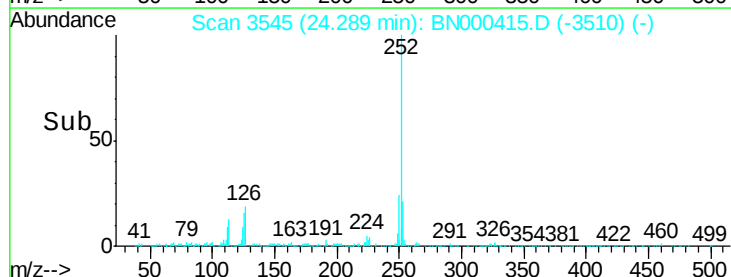
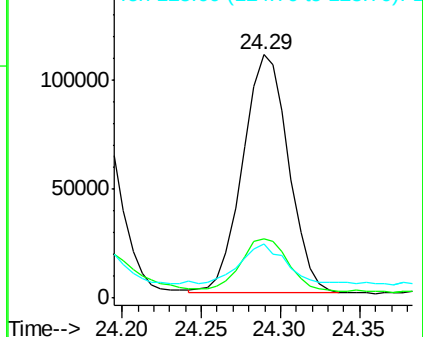
125 22.0 8.2 12.4#

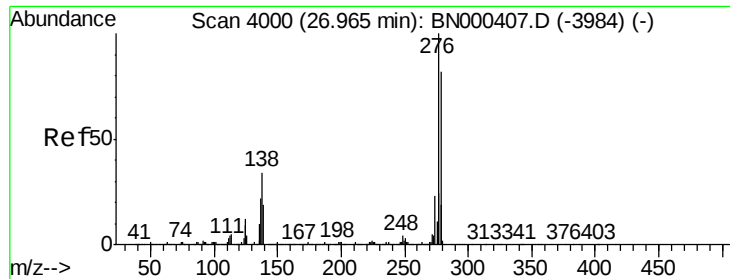


Abundance Ion 252.00 (251.70 to 252.70): E

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: 2.581 ng/ul

RT: 26.98 min Scan# 4002

Delta R.T. 0.01 min

Lab File: BN000415.D

Acq: 15 Mar 2018 14:49

Instrument :

BNA_N

ClientSampleId :

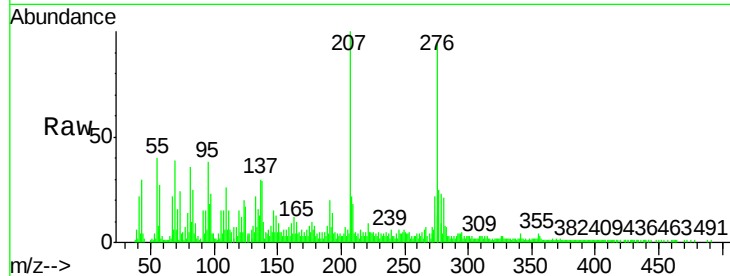
Tot Ion:276 Resp: 163011

Ion Ratio Lower Upper

276 100

138 31.0 14.4 21.6#

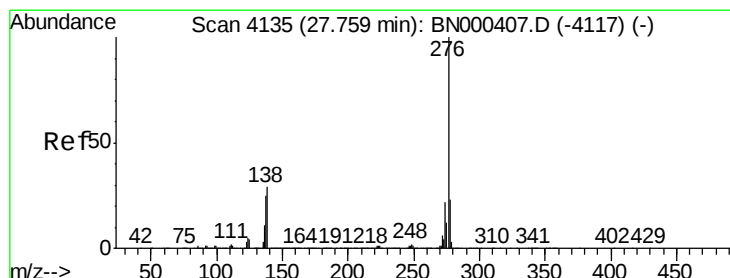
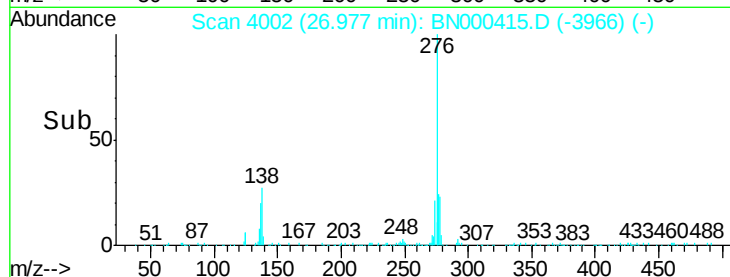
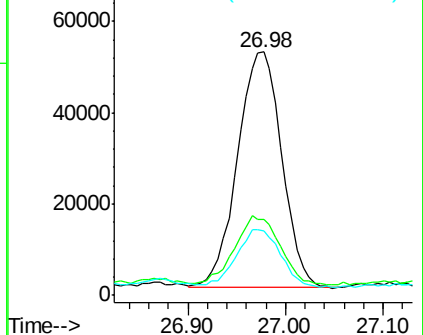
277 26.7 18.0 27.0



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(g,h,i)perylene

Concen: 3.837 ng/ul

RT: 27.77 min Scan# 4137

Delta R.T. 0.01 min

Lab File: BN000415.D

Acq: 15 Mar 2018 14:49

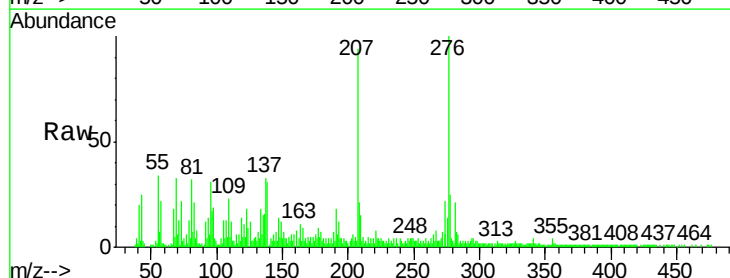
Tgt Ion:276 Resp: 202363

Ion Ratio Lower Upper

276 100

138 31.5 15.3 22.9#

277 25.1 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

