

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000951.D
 Acq On : 27 Apr 2018 02:09
 Operator : JU/SJ
 Sample : J2526-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 08:26:08 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 08:22:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	154618	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	638999	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	300629	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	528386	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	490058	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	513782	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.95	160	844800	29.26	ng/ul	0.00
10) Fluorene-d10	15.25	176	564239	29.28	ng/ul	0.00
14) Anthracene-d10	17.10	188	764746	31.65	ng/ul	0.00
18) Pyrene-d10	19.41	212	779216	31.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	841330	34.67	ng/ul	0.00

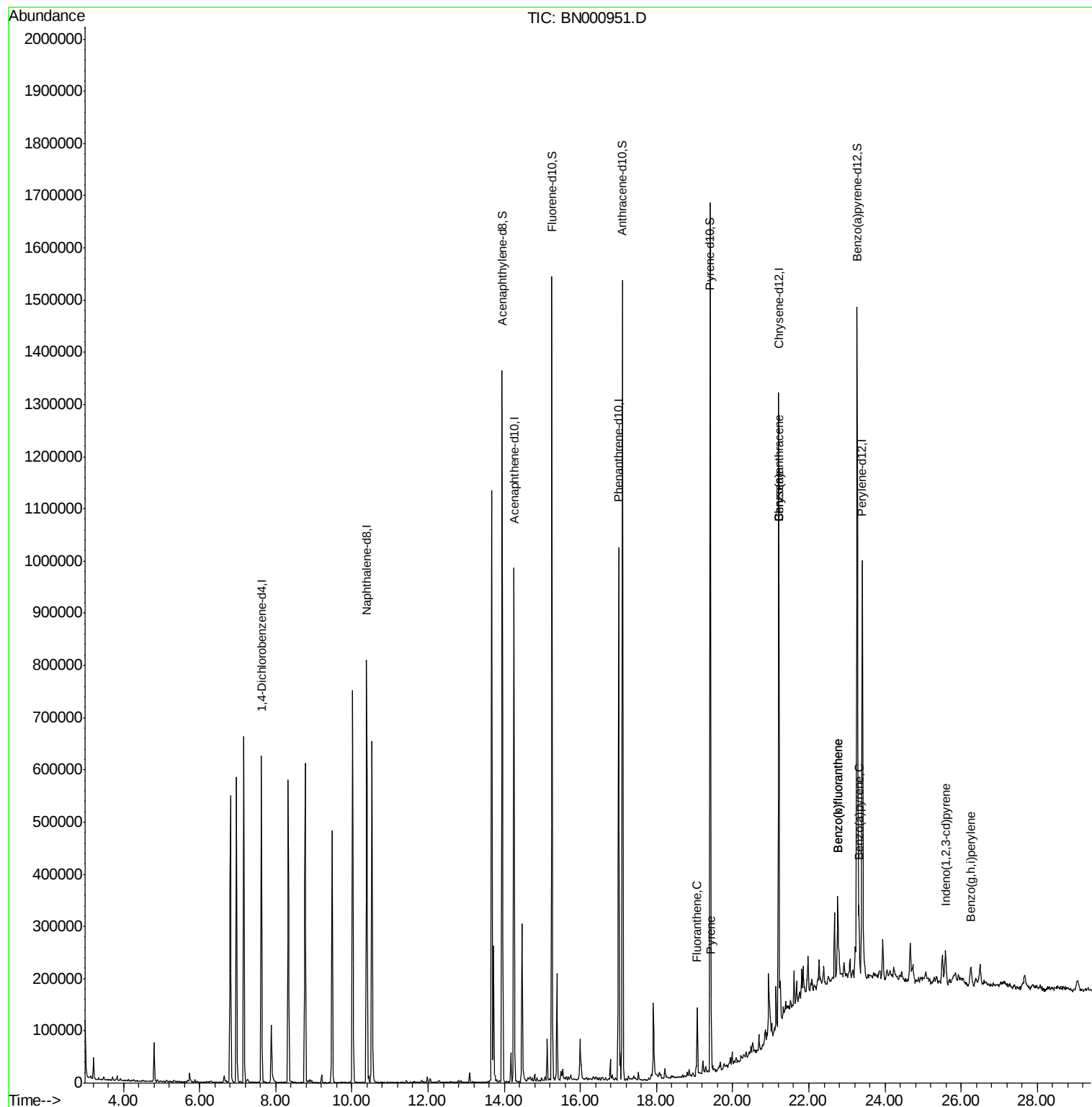
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Fluoranthene	19.07	202	68894	2.356	ng/ul#	94
19) Pyrene	19.44	202	58329	1.853	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	42169	1.439	ng/ul#	90
21) Chrysene	21.20	228	40132	1.458	ng/ul	96
23) Benzo(b)fluoranthene	22.75	252	99555	3.410	ng/ul#	95
24) Benzo(k)fluoranthene	22.75	252	83444	2.921	ng/ul#	95
26) Benzo(a)pyrene	23.31	252	42536	1.524	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.59	276	41490	1.231	ng/ul#	85
29) Benzo(g,h,i)perylene	26.25	276	34774	1.234	ng/ul#	93

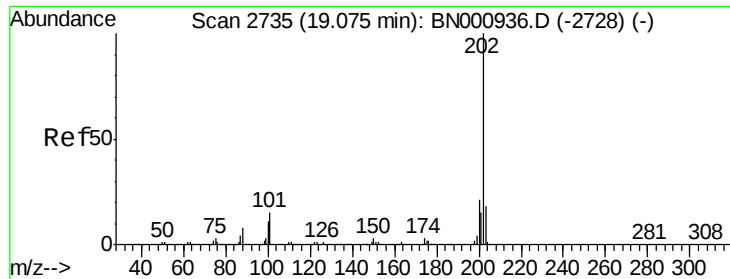
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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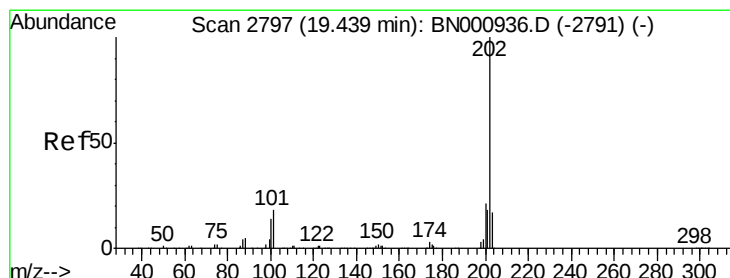
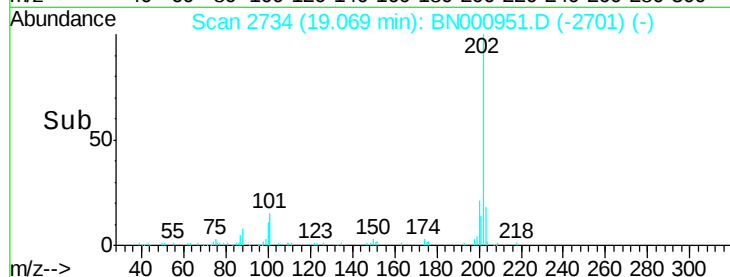
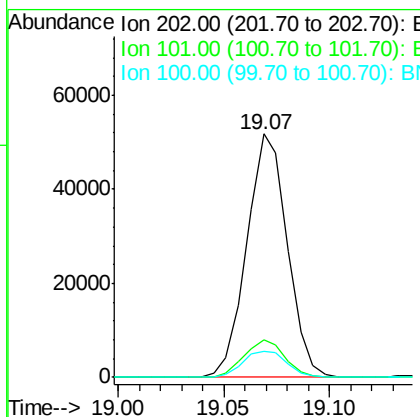
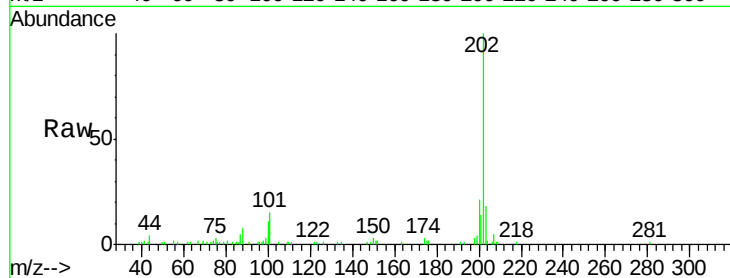




#16
 Fluoranthene
 Concen: 2.356 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BN000951.D
 Acq: 27 Apr 2018 02:09

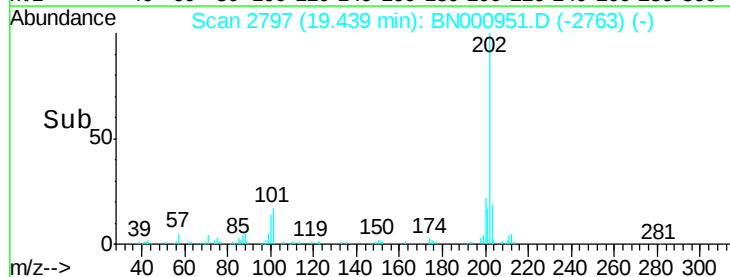
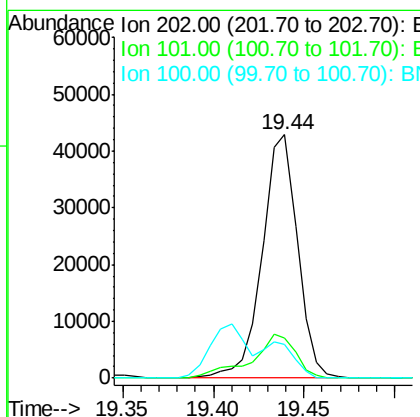
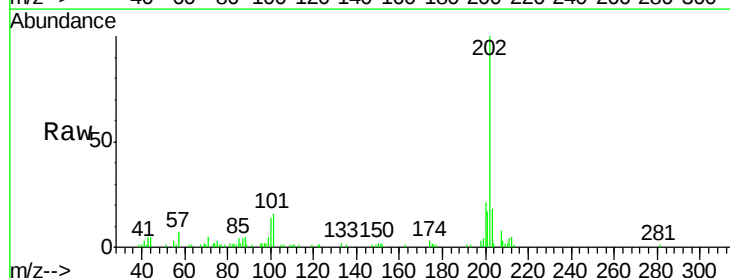
Instrument :
 BNA_N
 ClientSampleId :

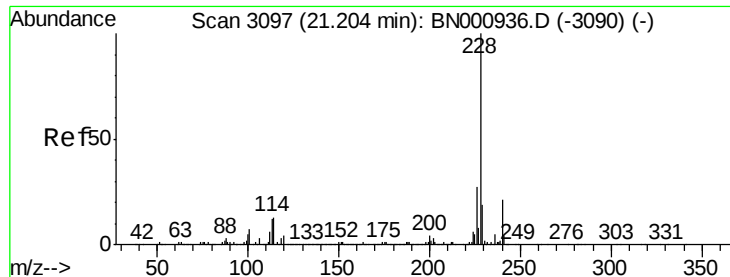
Tot Ion:202 Resp: 68894
 Ion Ratio Lower Upper
 202 100
 101 15.4 9.9 14.9#
 100 10.7 7.4 11.0



#19
 Pyrene
 Concen: 1.853 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: BN000951.D
 Acq: 27 Apr 2018 02:09

Tgt Ion:202 Resp: 58329
 Ion Ratio Lower Upper
 202 100
 101 16.3 11.0 16.4
 100 13.8 8.1 12.1#





#20

Benzo(a)anthracene

Concen: 1.439 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN000951.D

Acq: 27 Apr 2018 02:09

Instrument :

BNA_N

ClientSampleId :

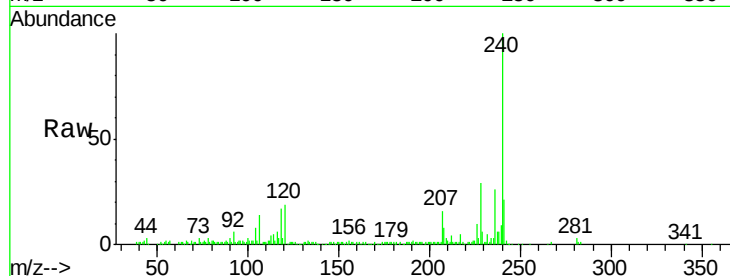
Tot Ion:228 Resp: 42169

Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

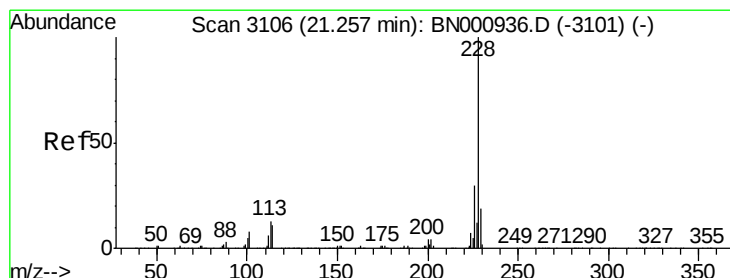
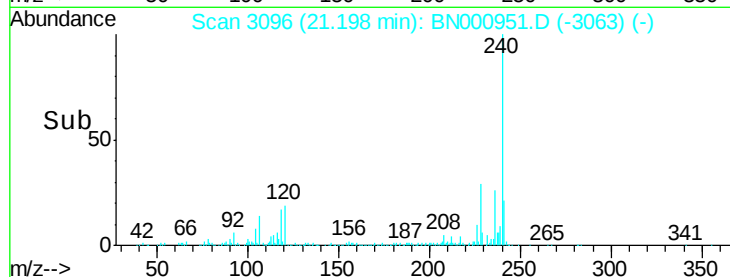
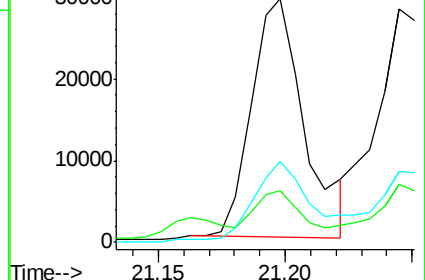
226 33.4 21.1 31.7#



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: 1.458 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.06 min

Lab File: BN000951.D

Acq: 27 Apr 2018 02:09

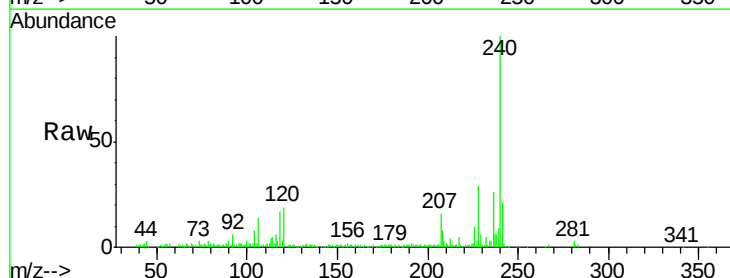
Tgt Ion:228 Resp: 40132

Ion Ratio Lower Upper

228 100

226 33.4 24.5 36.7

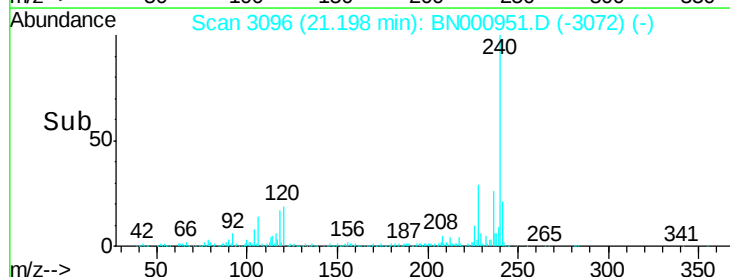
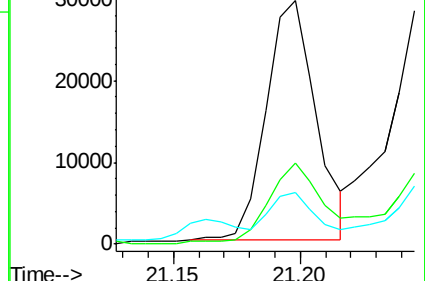
229 21.4 15.8 23.8

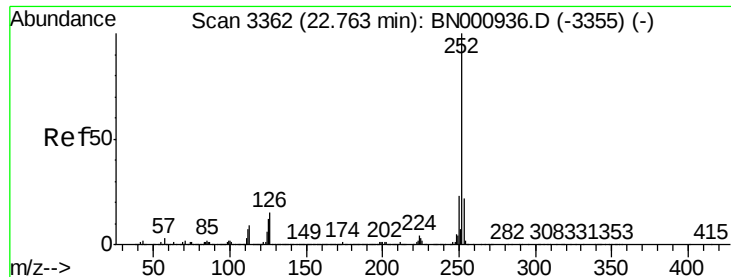


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

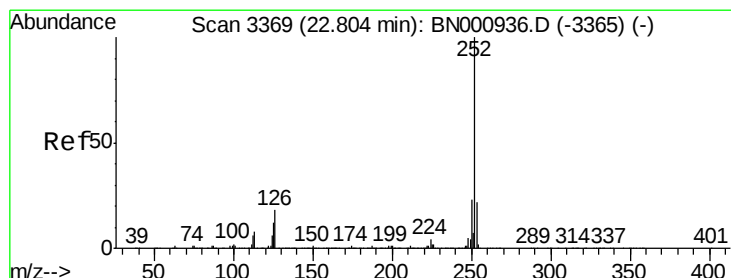
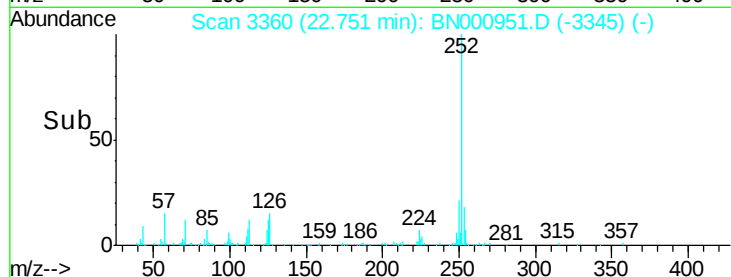
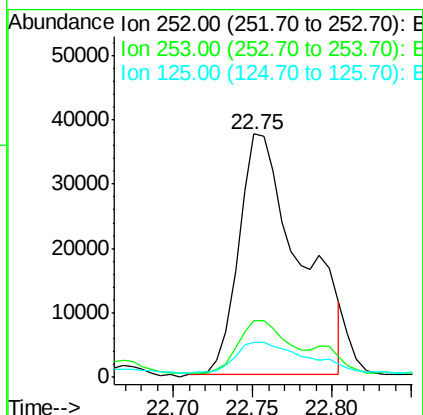
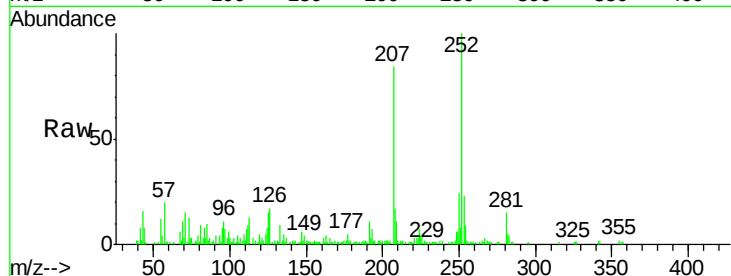




#23
Benzo(b)fluoranthene
Concen: 3.410 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BN000951.D
Acq: 27 Apr 2018 02:09

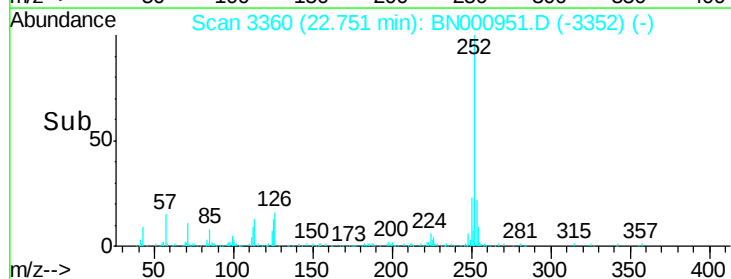
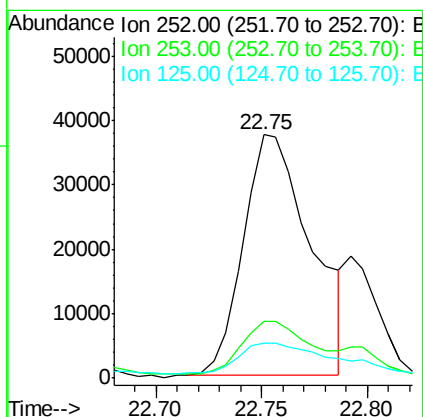
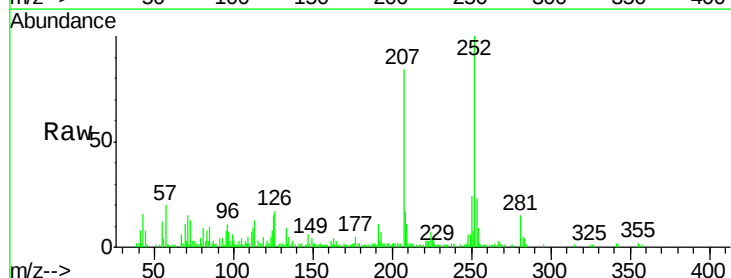
Instrument :
BNA_N
ClientSampleId :

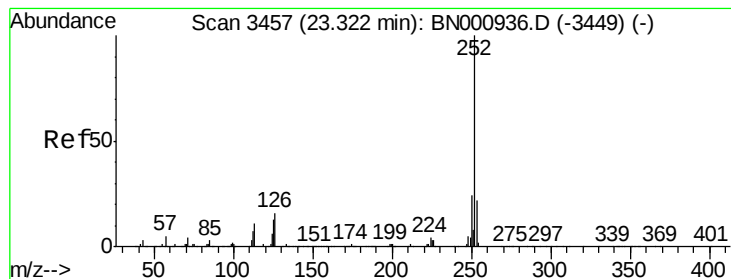
Tot Ion:252 Resp: 99555
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 14.6 8.0 12.0#



#24
Benzo(k)fluoranthene
Concen: 2.921 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BN000951.D
Acq: 27 Apr 2018 02:09

Tgt Ion:252 Resp: 83444
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 14.6 8.1 12.1#





#26

Benzo(a)pyrene

Concen: 1.524 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BN000951.D

Acq: 27 Apr 2018 02:09

Instrument :

BNA_N

ClientSampleId :

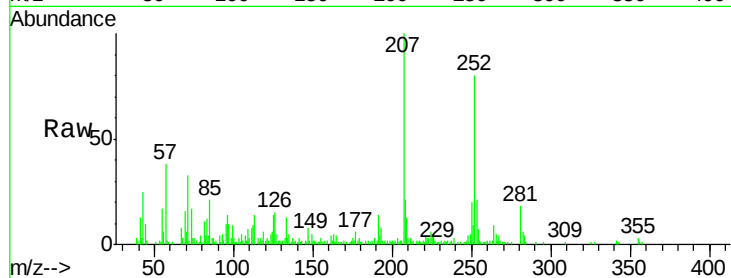
Tot Ion:252 Resp: 42536

Ion Ratio Lower Upper

252 100

253 25.7 17.2 25.8

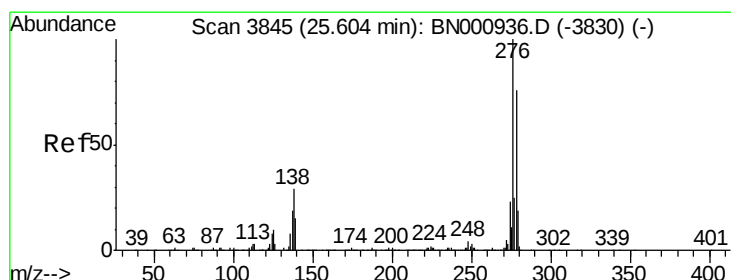
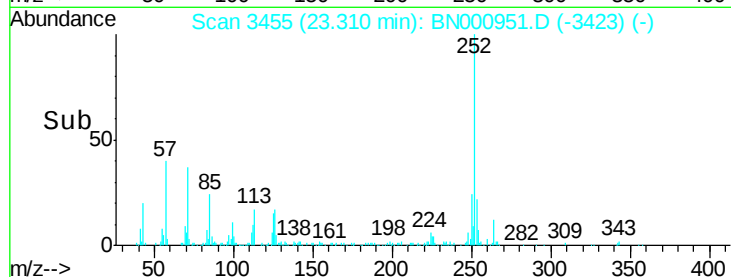
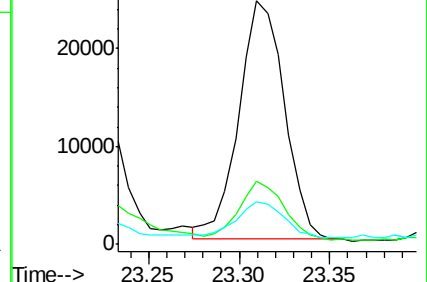
125 17.4 8.2 12.4#



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: 1.231 ng/ul

RT: 25.59 min Scan# 3842

Delta R.T. -0.02 min

Lab File: BN000951.D

Acq: 27 Apr 2018 02:09

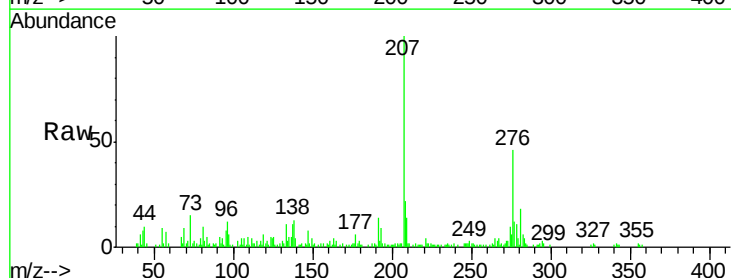
Tgt Ion:276 Resp: 41490

Ion Ratio Lower Upper

276 100

138 28.3 14.4 21.6#

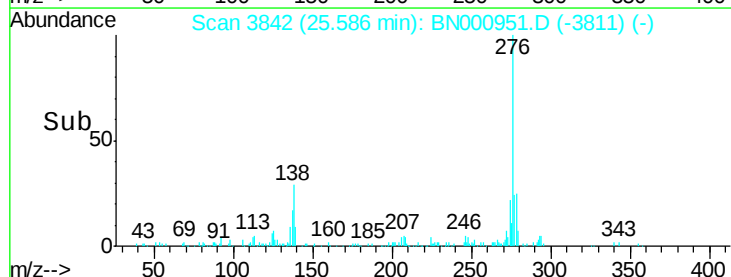
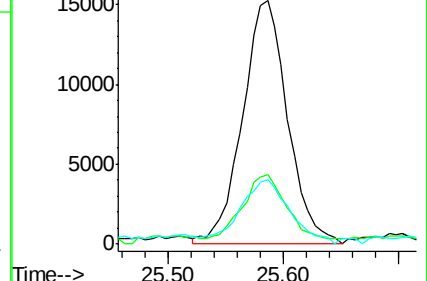
277 26.2 18.0 27.0

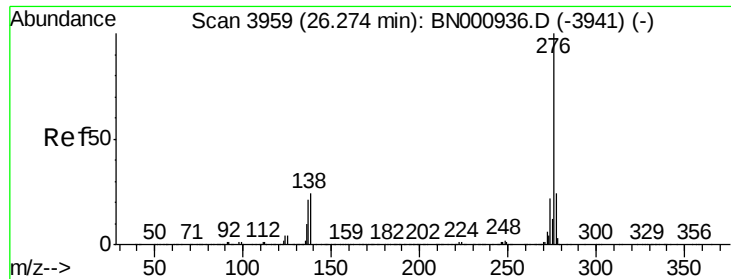


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 1.234 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.02 min

Lab File: BN000951.D

Acq: 27 Apr 2018 02:09

Instrument :

BNA_N

ClientSampleId :

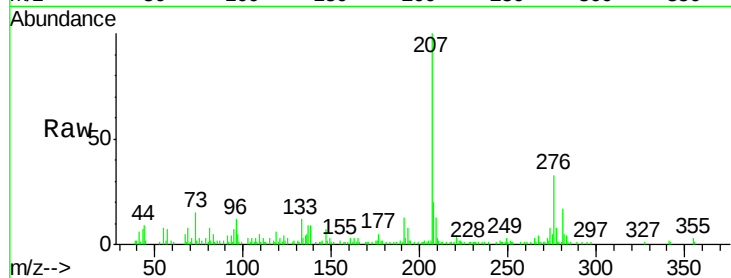
Tot Ion:276 Resp: 34774

Ion Ratio Lower Upper

276 100

138 26.3 15.3 22.9#

277 23.6 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

