

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000949.D
 Acq On : 27 Apr 2018 01:00
 Operator : JU/SJ
 Sample : J2526-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 08:25:29 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

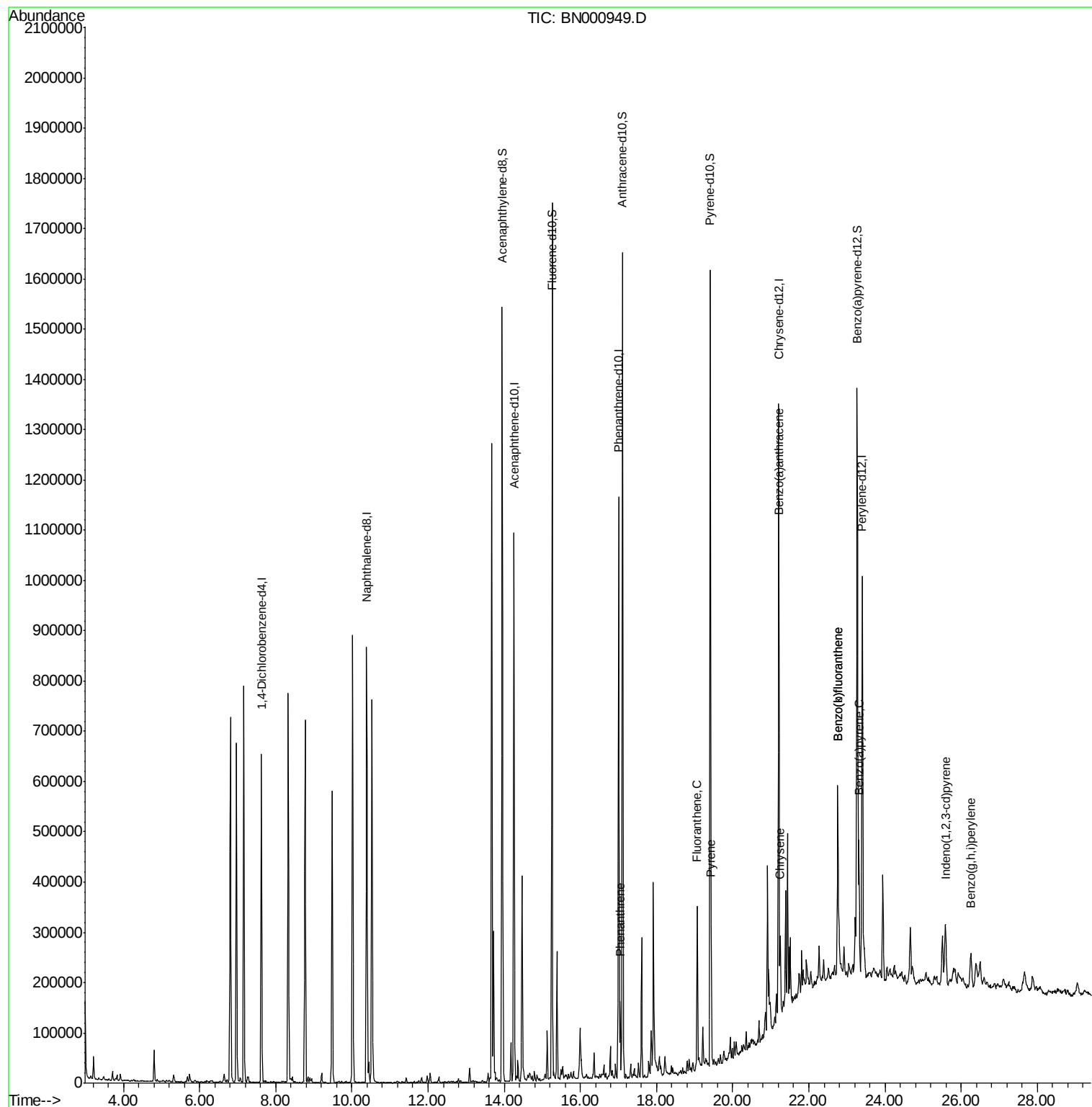
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	163441	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	694169	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	334359	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	588550	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	467297	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	493905	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	988217	30.77	ng/ul	0.00
10) Fluorene-d10	15.26	176	641644	29.94	ng/ul	0.00
14) Anthracene-d10	17.10	188	826015	30.69	ng/ul	0.00
18) Pyrene-d10	19.41	212	754014	31.49	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	789145	33.82	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	80917	2.521	ng/ul	99
16) Fluoranthene	19.07	202	173944	5.341	ng/ul#	93
19) Pyrene	19.44	202	143080	4.767	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	103340	3.699	ng/ul	94
21) Chrysene	21.25	228	95987	3.656	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	164330	5.855	ng/ul#	95
24) Benzo(k)fluoranthene	22.76	252	204392	7.442	ng/ul#	95
26) Benzo(a)pyrene	23.32	252	102526	3.822	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.59	276	85280	2.632	ng/ul#	88
29) Benzo(g,h,i)perylene	26.26	276	67073	2.475	ng/ul#	92

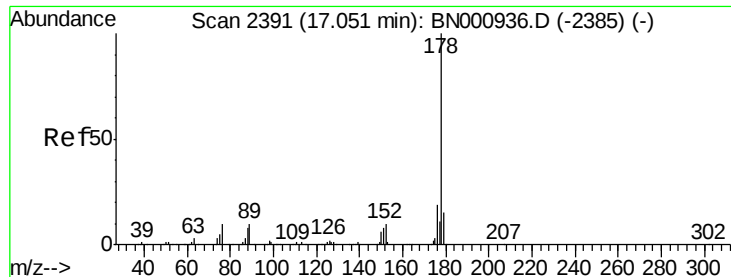
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.521 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN000949.D

Acq: 27 Apr 2018 01:00

Instrument :

BNA_N

ClientSampleId :

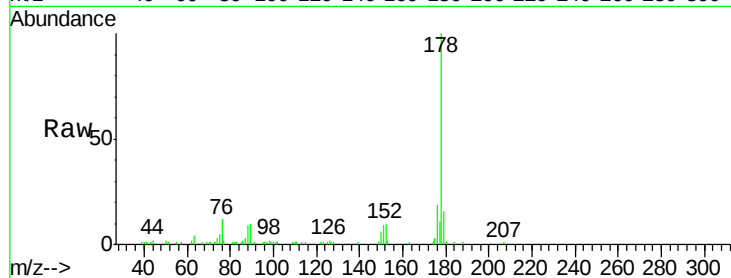
Tot Ion:178 Resp: 80917

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

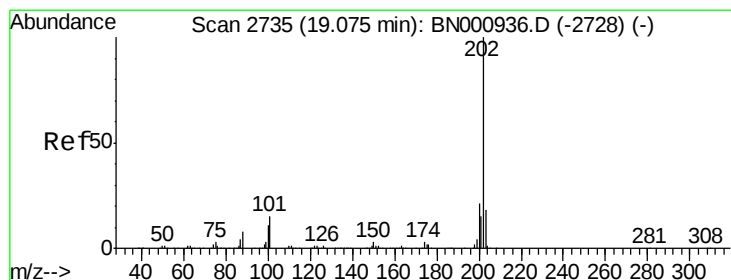
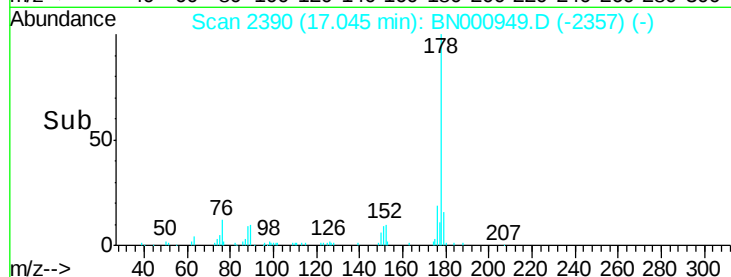
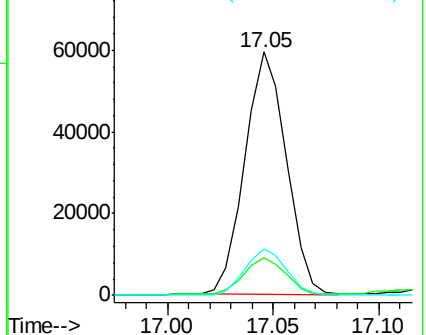
176 19.3 15.1 22.7



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: 5.341 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN000949.D

Acq: 27 Apr 2018 01:00

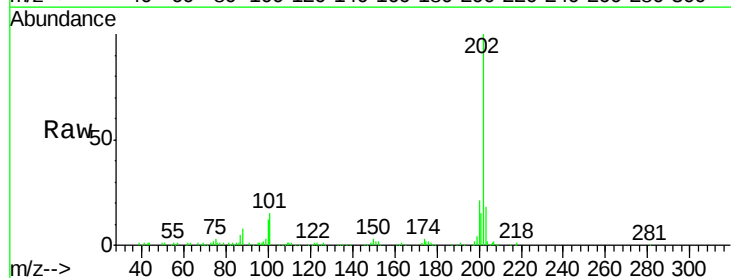
Tgt Ion:202 Resp: 173944

Ion Ratio Lower Upper

202 100

101 14.9 9.9 14.9#

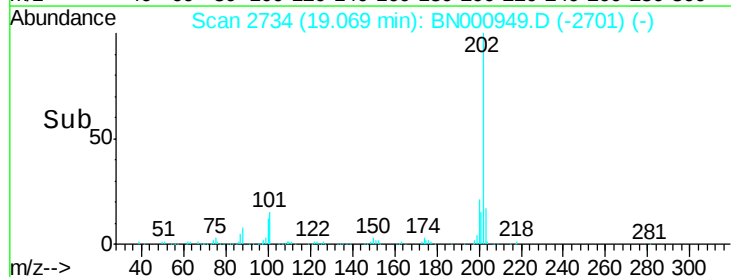
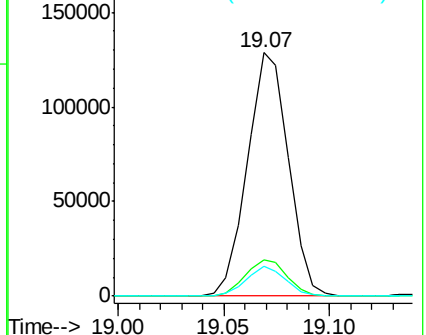
100 12.3 7.4 11.0#

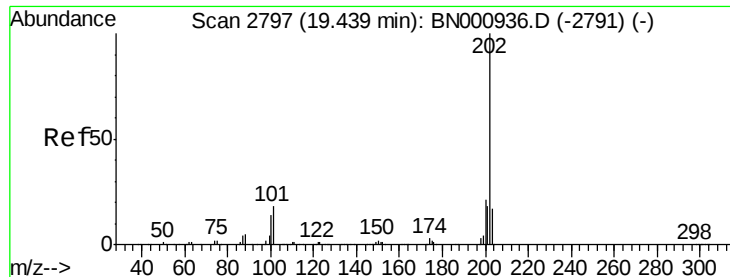


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 4.767 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN000949.D

Acq: 27 Apr 2018 01:00

Instrument :

BNA_N

ClientSampleId :

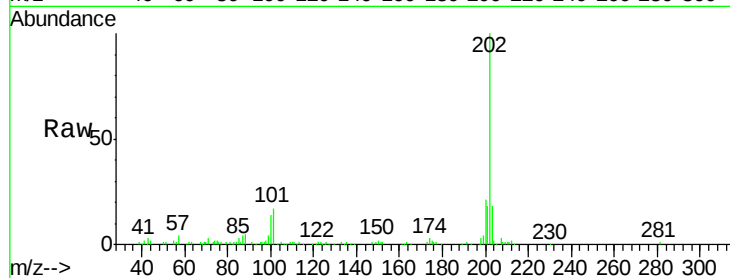
Tot Ion:202 Resp: 143080

Ion Ratio Lower Upper

202 100

101 16.6 11.0 16.4#

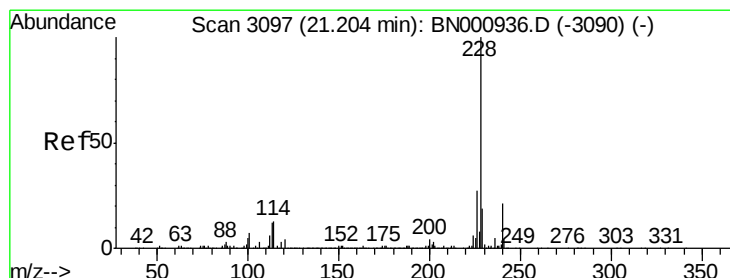
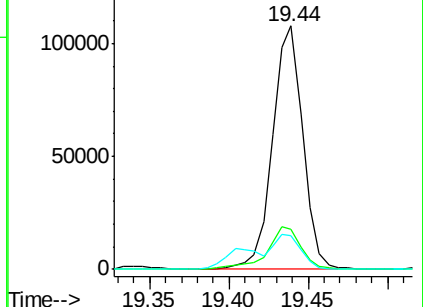
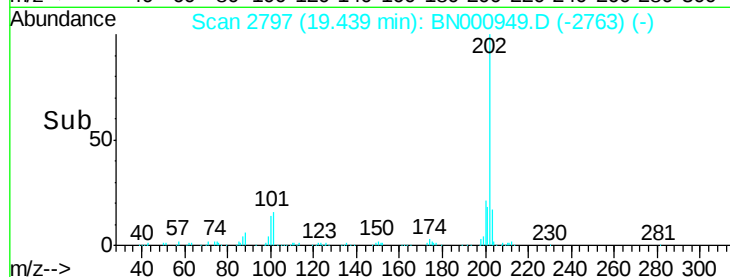
100 13.9 8.1 12.1#



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): E



#20

Benzo(a)anthracene

Concen: 3.699 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN000949.D

Acq: 27 Apr 2018 01:00

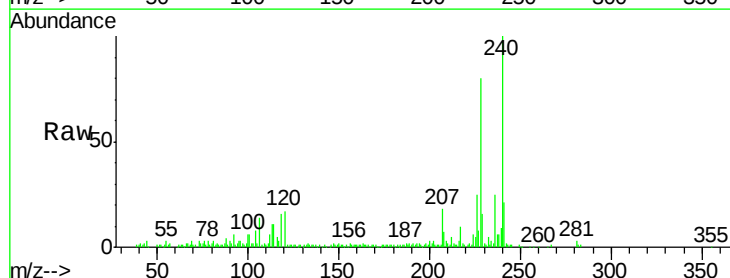
Tgt Ion:228 Resp: 103340

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

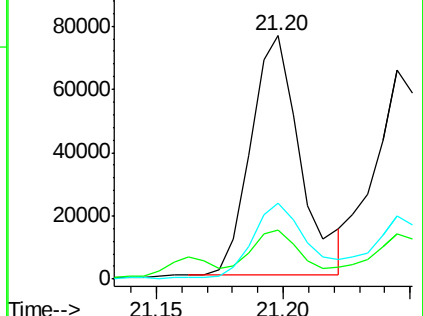
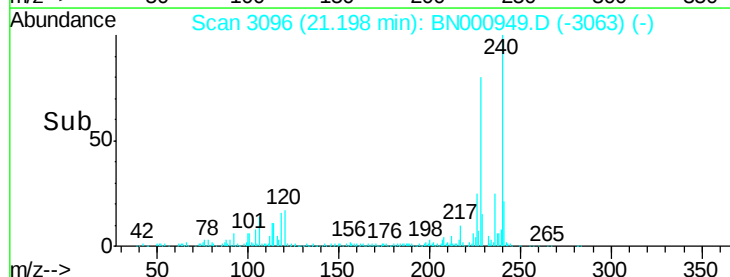
226 31.1 21.1 31.7

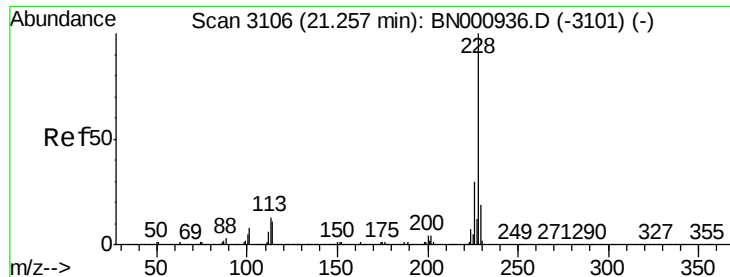


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.656 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN000949.D

Acq: 27 Apr 2018 01:00

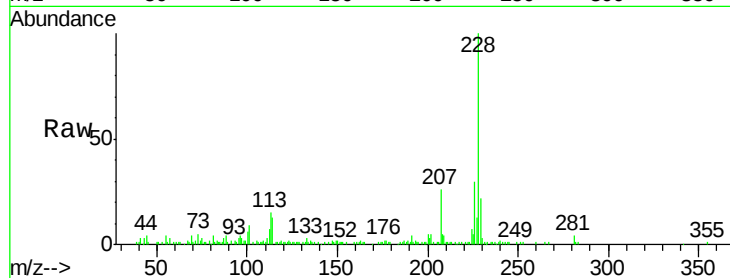
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 95987

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	21.6	15.8	23.8

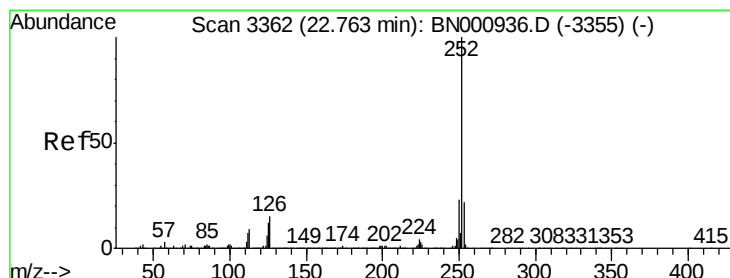
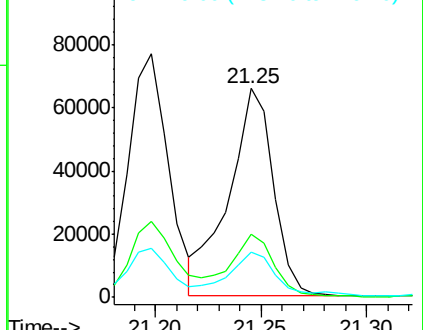
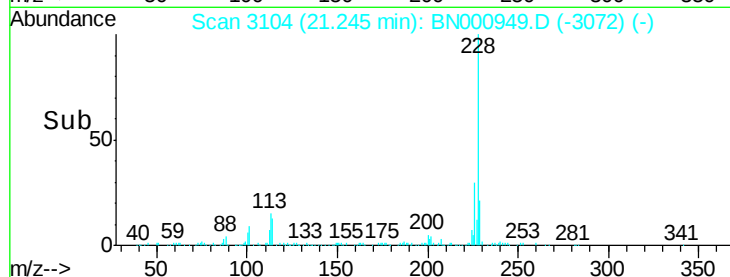


Abundance

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: 5.855 ng/ul

RT: 22.76 min Scan# 3361

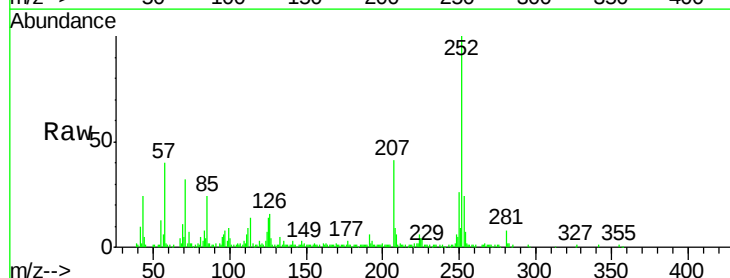
Delta R.T. -0.01 min

Lab File: BN000949.D

Acq: 27 Apr 2018 01:00

Tgt Ion:252 Resp: 164330

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	14.2	8.0	12.0

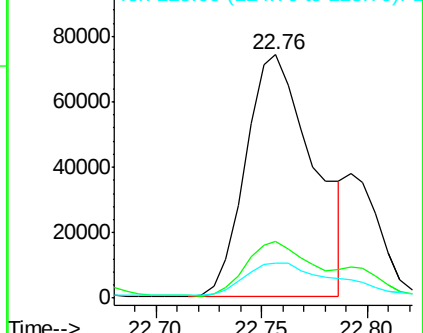
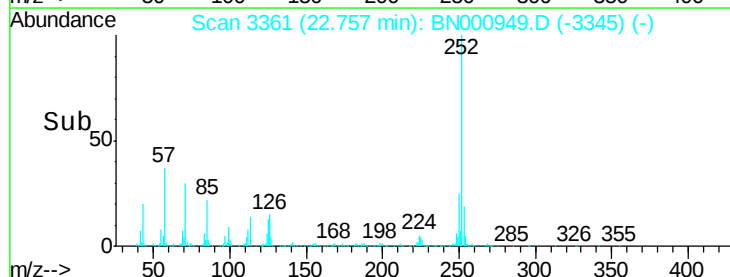


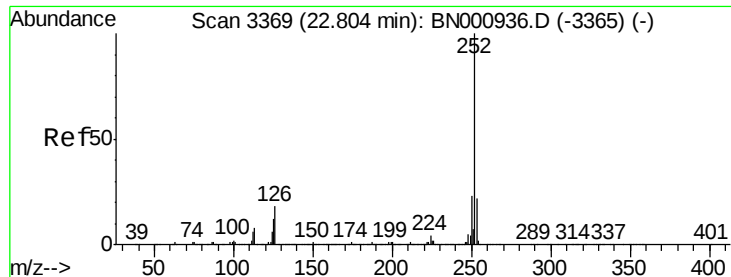
Abundance

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: 7.442 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.05 min

Lab File: BN000949.D

Acq: 27 Apr 2018 01:00

Instrument :

BNA_N

ClientSampleId :

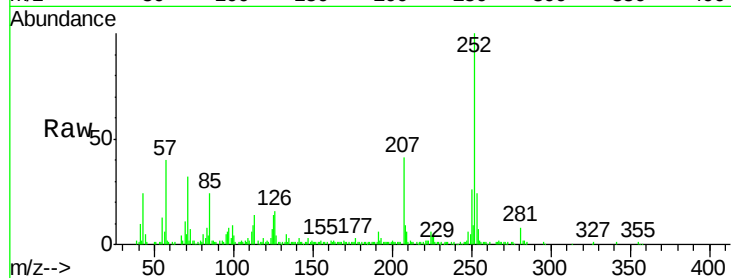
Tot Ion:252 Resp: 204392

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

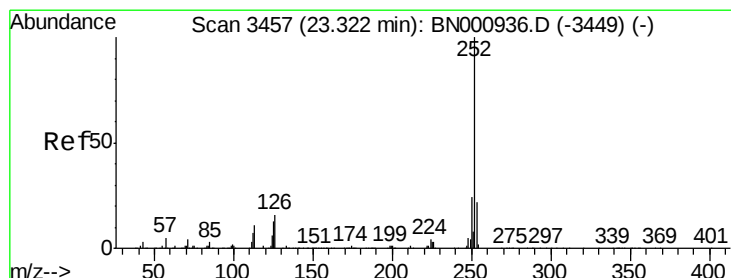
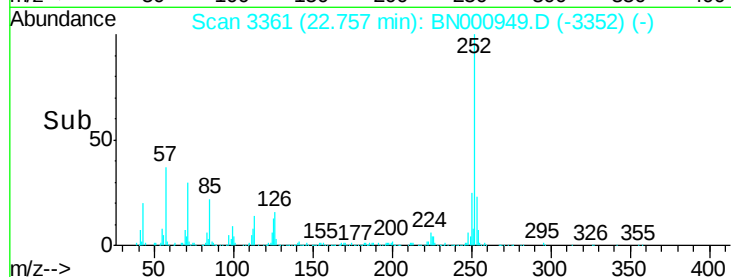
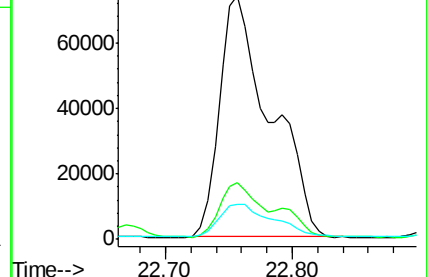
125 14.2 8.1 12.1#



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: 3.822 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN000949.D

Acq: 27 Apr 2018 01:00

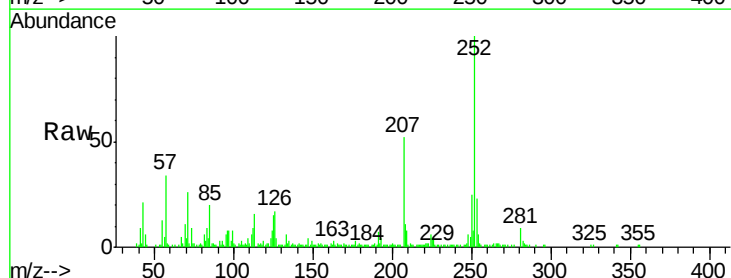
Tgt Ion:252 Resp: 102526

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

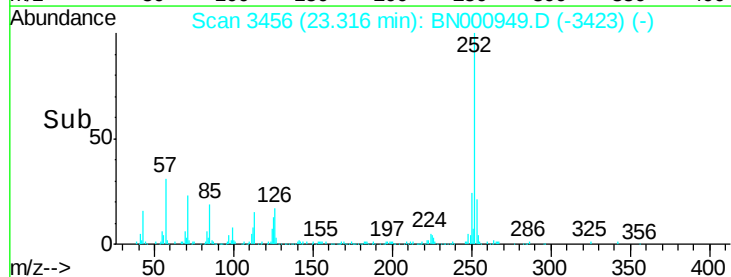
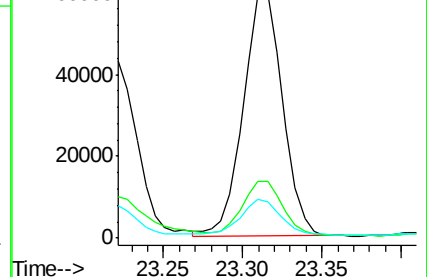
125 15.1 8.2 12.4#

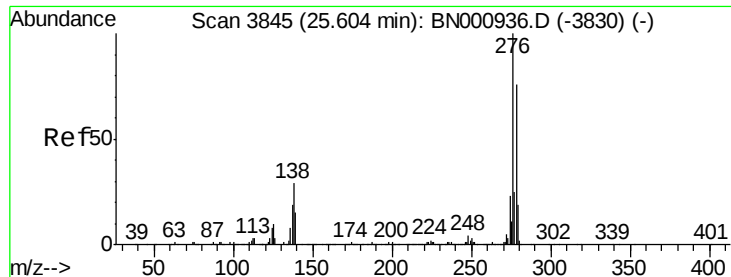


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

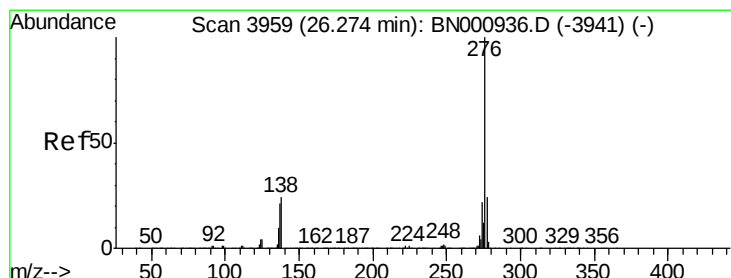
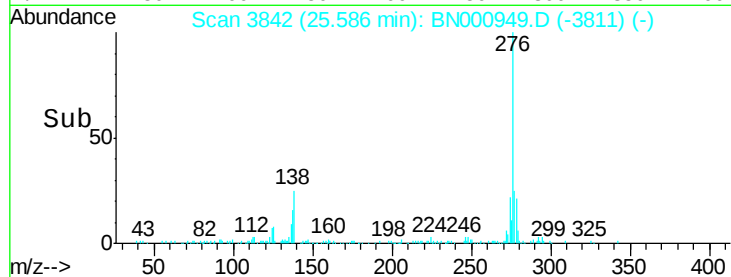
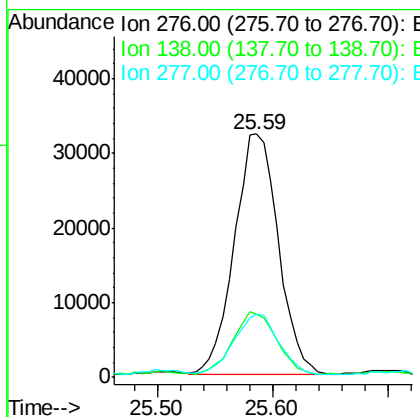
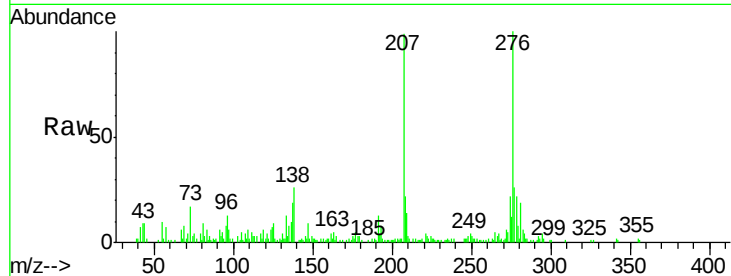




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.632 ng/ul
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.02 min
 Lab File: BN000949.D
 Acq: 27 Apr 2018 01:00

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:276 Resp: 85280
 Ion Ratio Lower Upper
 276 100
 138 26.1 14.4 21.6#
 277 25.9 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.475 ng/ul
 RT: 26.26 min Scan# 3956
 Delta R.T. -0.02 min
 Lab File: BN000949.D
 Acq: 27 Apr 2018 01:00

Tgt Ion:276 Resp: 67073
 Ion Ratio Lower Upper
 276 100
 138 26.0 15.3 22.9#
 277 24.9 19.0 28.4

