

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000948.D
 Acq On : 27 Apr 2018 00:25
 Operator : JU/SJ
 Sample : J2526-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 08:25:16 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

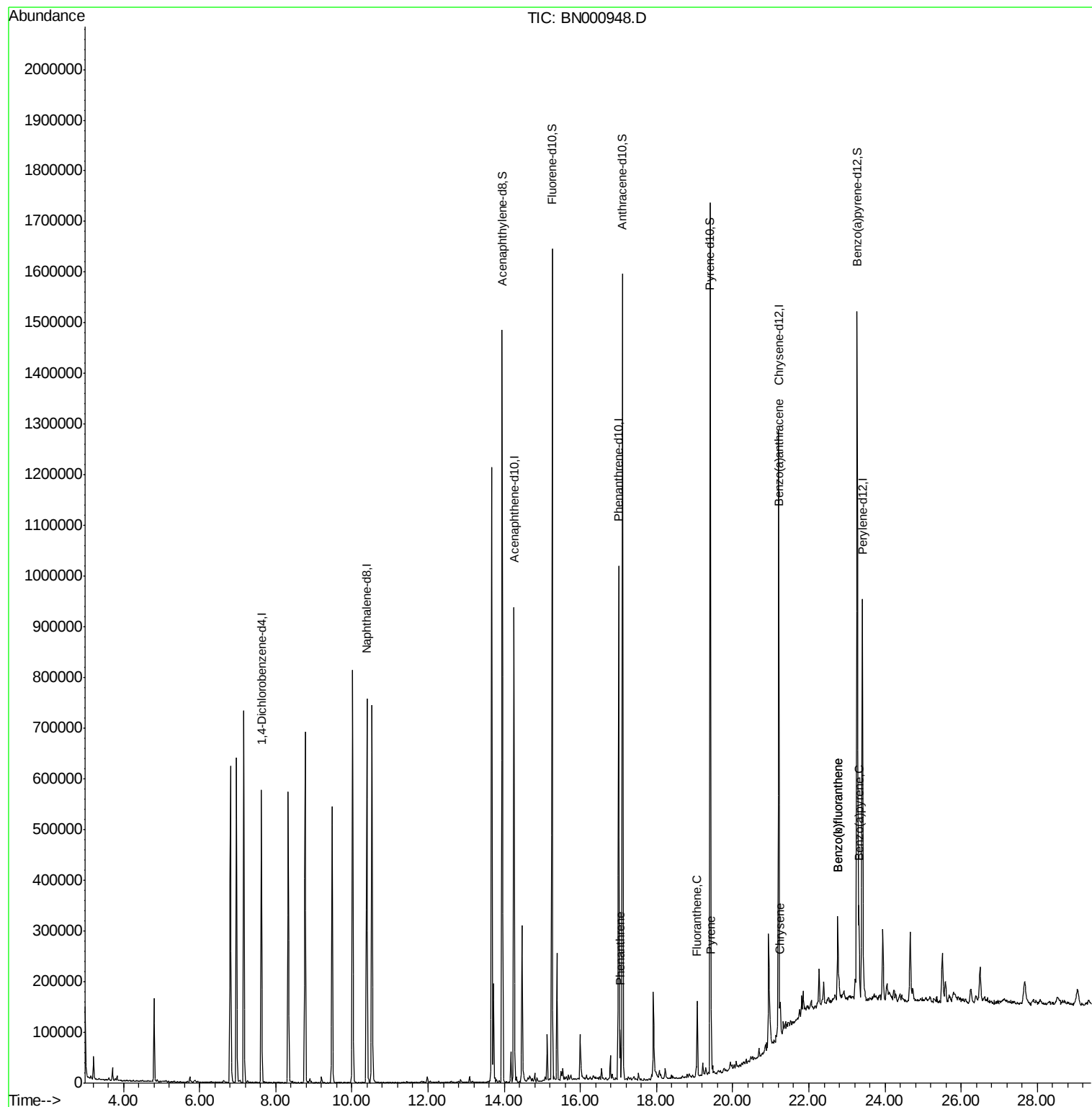
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	148015	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	619159	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	296349	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	528506	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	474620	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	501562	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	923812	32.46	ng/ul	0.00
10) Fluorene-d10	15.26	176	612107	32.22	ng/ul	0.00
14) Anthracene-d10	17.10	188	809228	33.48	ng/ul	0.00
18) Pyrene-d10	19.41	212	827316	34.02	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	884002	37.31	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	52063	1.806	ng/ul	100
16) Fluoranthene	19.07	202	80722	2.760	ng/ul#	93
19) Pyrene	19.44	202	69150	2.268	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	39301	1.385	ng/ul	95
21) Chrysene	21.25	228	37937	1.423	ng/ul	96
23) Benzo(b)fluoranthene	22.76	252	59292	2.080	ng/ul#	90
24) Benzo(k)fluoranthene	22.76	252	74032	2.654	ng/ul#	90
26) Benzo(a)pyrene	23.31	252	41004	1.505	ng/ul#	90

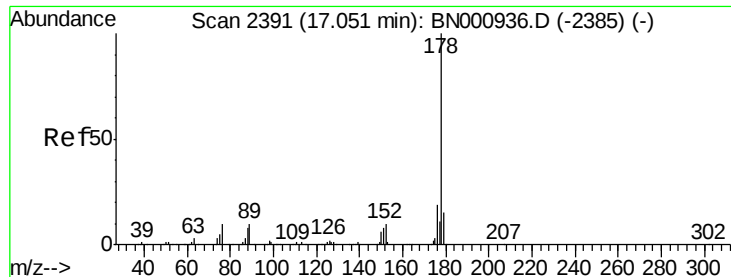
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.806 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN000948.D

Acq: 27 Apr 2018 00:25

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BNA_N

ClientSampleId :

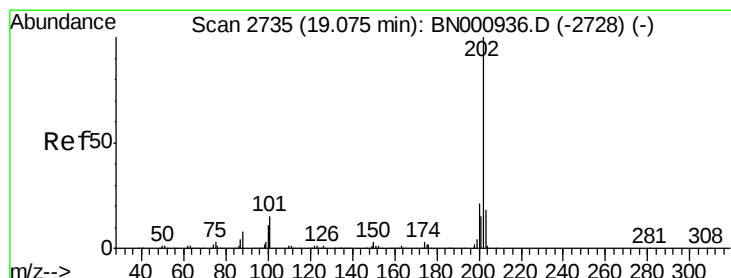
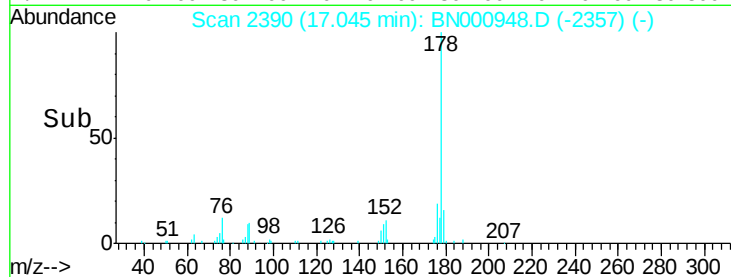
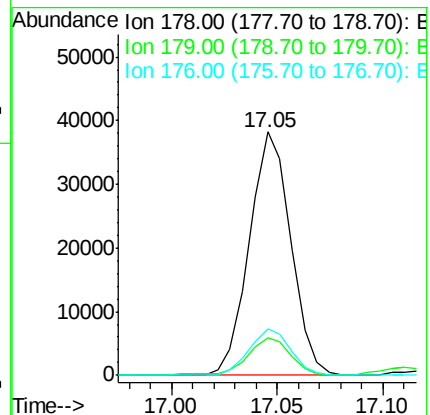
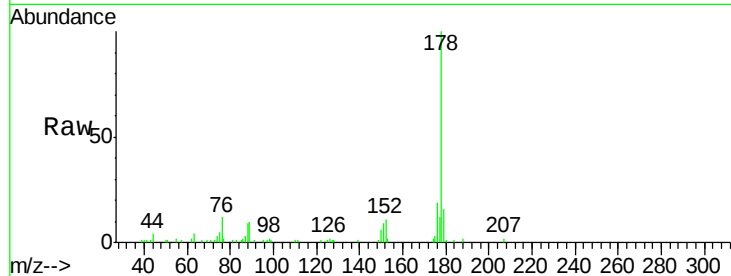
Tot Ion:178 Resp: 52063

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.2 15.1 22.7



#16

Fluoranthene

Concen: 2.760 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN000948.D

Acq: 27 Apr 2018 00:25

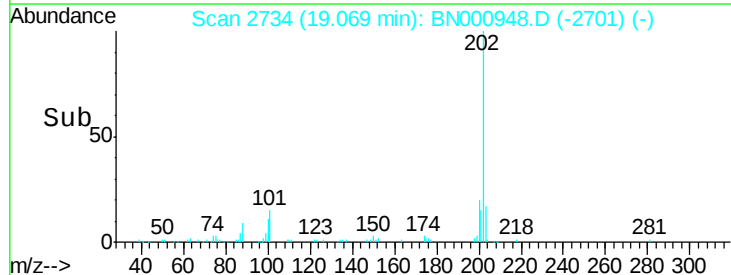
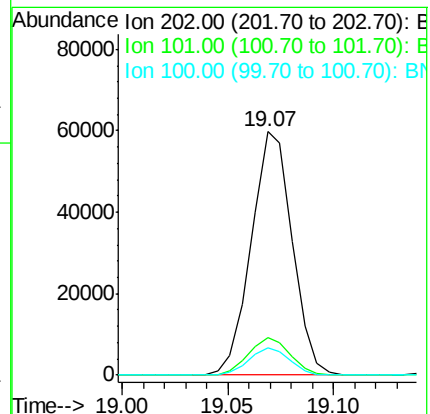
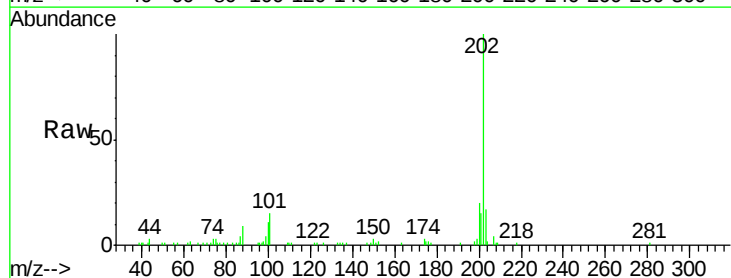
Tgt Ion:202 Resp: 80722

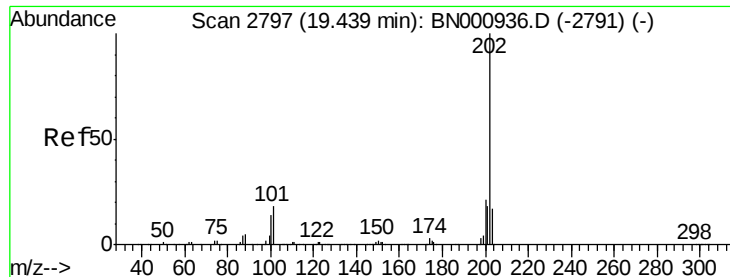
Ion Ratio Lower Upper

202 100

101 15.3 9.9 14.9#

100 11.4 7.4 11.0#





#19

Pvrene

Concen: 2.268 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN000948.D

Acq: 27 Apr 2018 00:25

Instrument :

BNA_N

ClientSampleId :

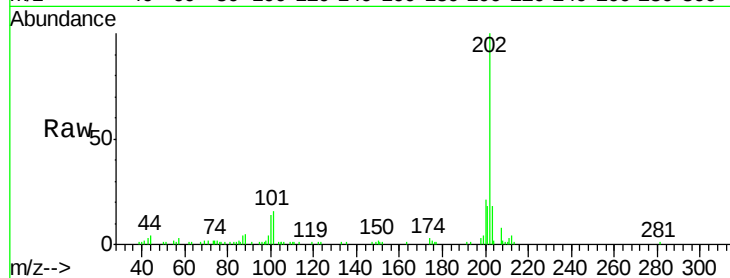
Tot Ion:202 Resp: 69150

Ion Ratio Lower Upper

202 100

101 16.2 11.0 16.4

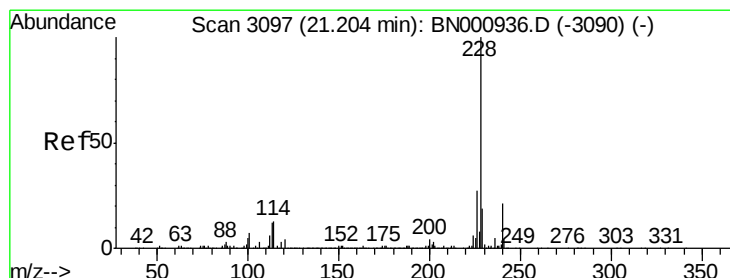
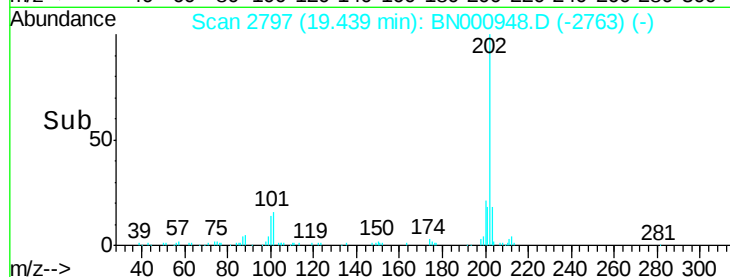
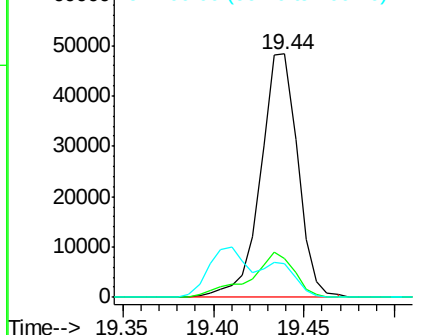
100 14.0 8.1 12.1#



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: 1.385 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN000948.D

Acq: 27 Apr 2018 00:25

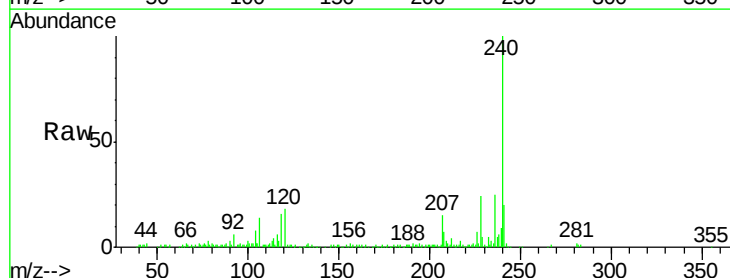
Tgt Ion:228 Resp: 39301

Ion Ratio Lower Upper

228 100

229 21.6 15.7 23.5

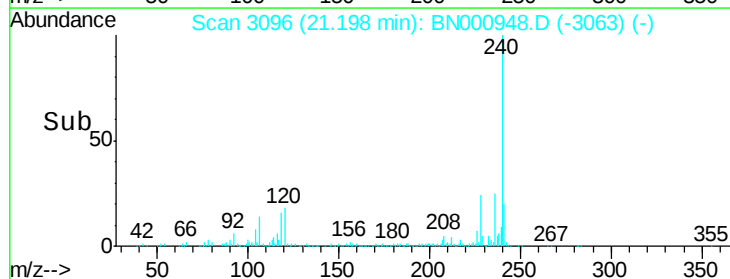
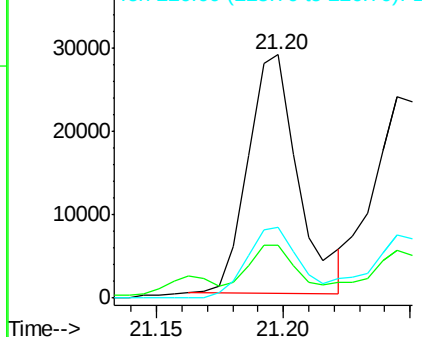
226 29.3 21.1 31.7

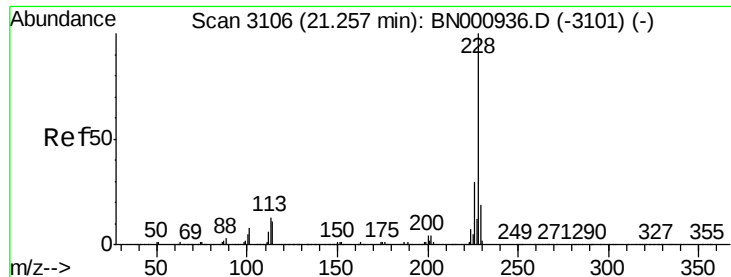


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.423 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN000948.D

Acq: 27 Apr 2018 00:25

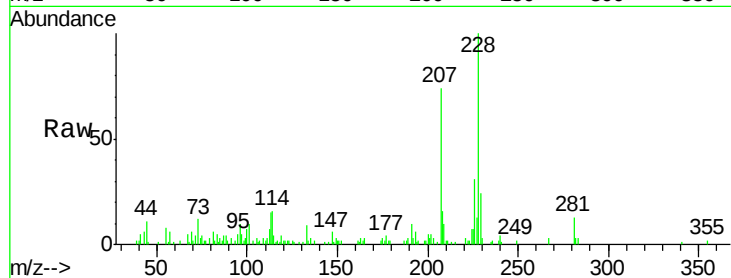
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 37937

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	23.6	15.8	23.8

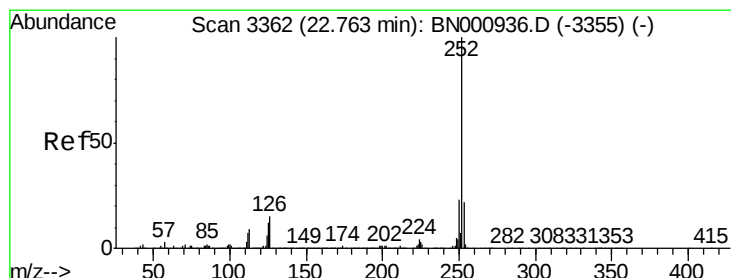
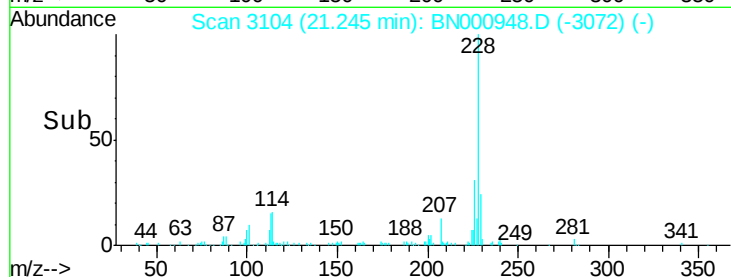
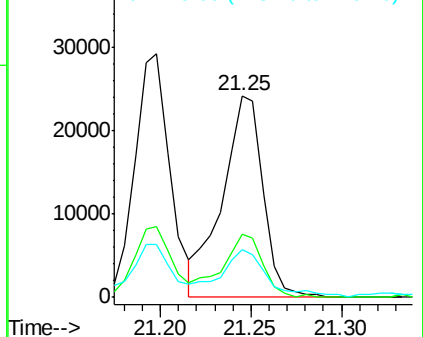


Abundance

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: 2.080 ng/ul

RT: 22.76 min Scan# 3361

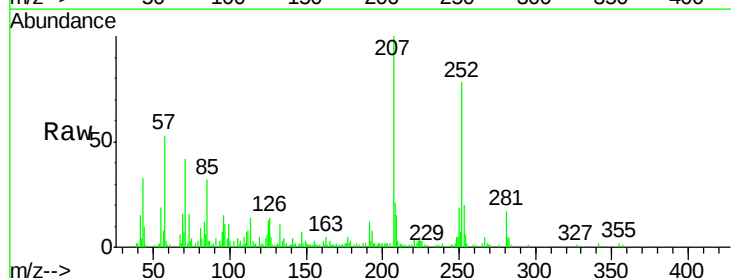
Delta R.T. -0.01 min

Lab File: BN000948.D

Acq: 27 Apr 2018 00:25

Tgt Ion:252 Resp: 59292

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	16.5	8.0	12.0#

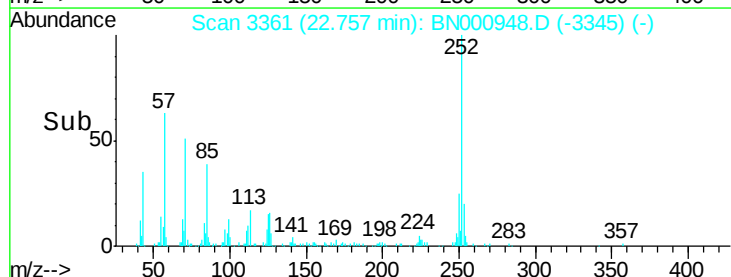
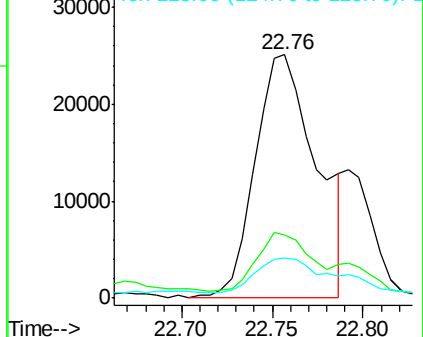


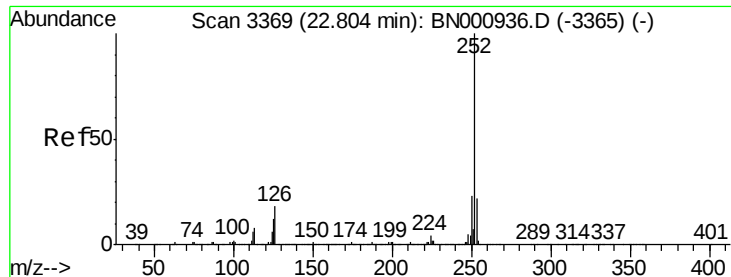
Abundance

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: 2.654 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.05 min

Lab File: BN000948.D

Acq: 27 Apr 2018 00:25

Instrument :

BNA_N

ClientSampleId :

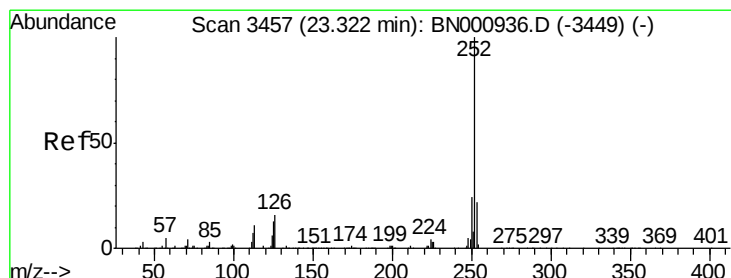
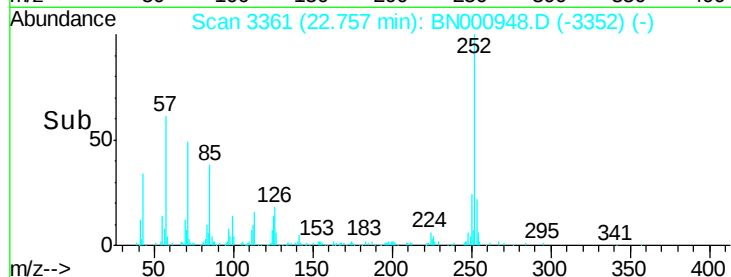
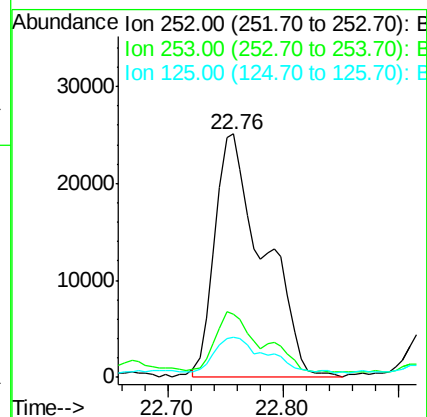
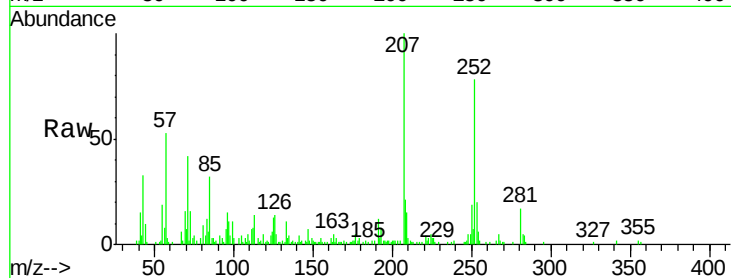
Tot Ion:252 Resp: 74032

Ion Ratio Lower Upper

252 100

253 25.9 18.0 27.0

125 16.5 8.1 12.1#



#26

Benzo(a)pyrene

Concen: 1.505 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BN000948.D

Acq: 27 Apr 2018 00:25

Tgt Ion:252 Resp: 41004

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

125 18.2 8.2 12.4#

