

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000349.D
 Acq On : 13 Mar 2018 15:15
 Operator : JU/SJ
 Sample : J1845-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMD7

Quant Time: Mar 14 05:44:22 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 05:40:51 2018
 Response via : Initial Calibration

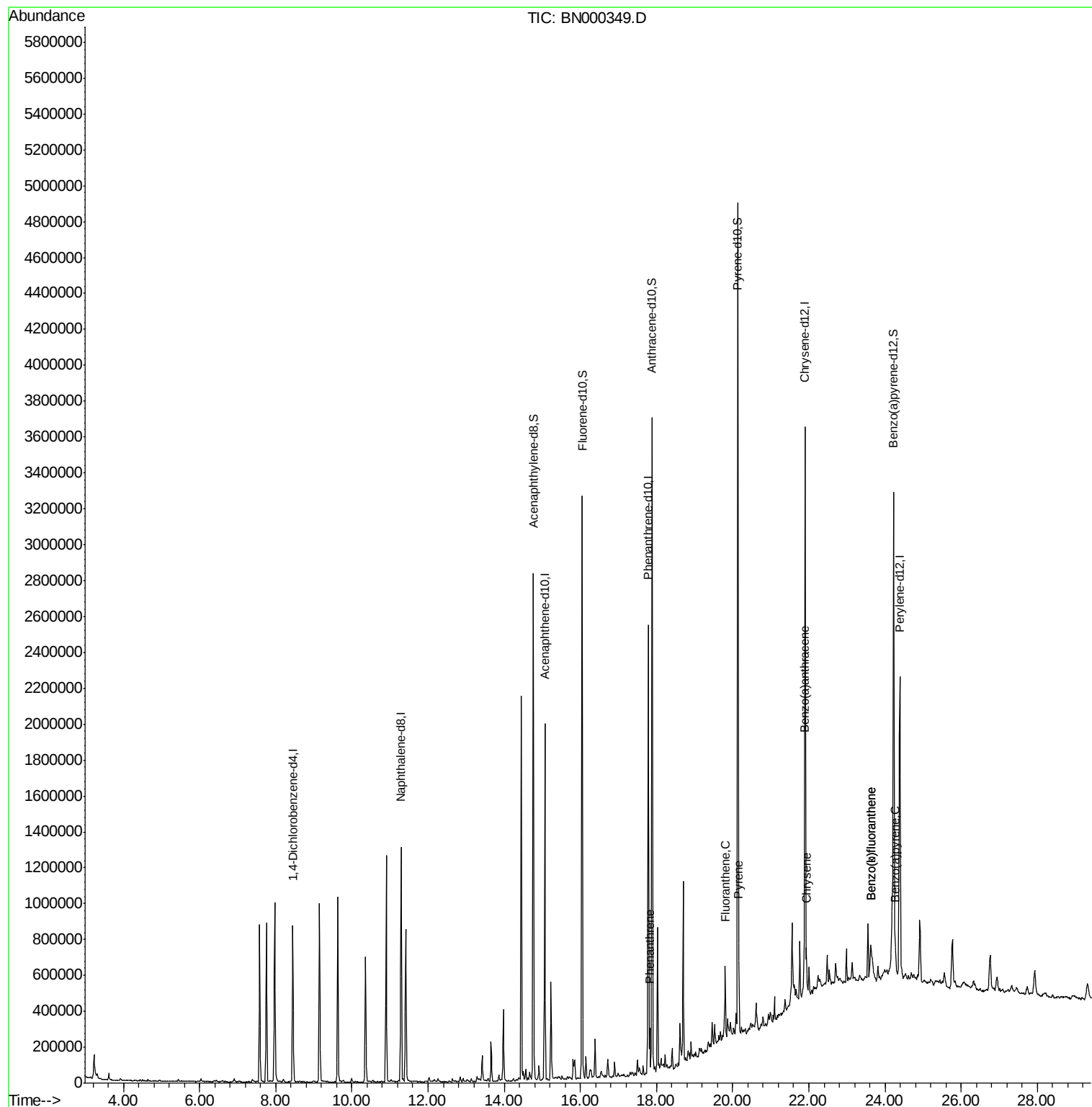
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	234874	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1112074	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	616845	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1347354	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1366816	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1248867	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1943309	31.74	ng/ul	0.00
10) Fluorene-d10	16.05	176	1265281	30.52	ng/ul	0.00
14) Anthracene-d10	17.88	188	1952988	31.02	ng/ul	0.00
18) Pyrene-d10	20.13	212	2185718	32.69	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1771222	31.06	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	105824	1.370	ng/ul	99
16) Fluoranthene	19.80	202	223472	2.677	ng/ul#	94
19) Pyrene	20.16	202	198090	2.296	ng/ul#	90
20) Benzo(a)anthracene	21.88	228	114021	1.342	ng/ul	95
21) Chrysene	21.94	228	119386	1.481	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	193983	2.605	ng/ul#	92
24) Benzo(k)fluoranthene	23.63	252	193556	2.777	ng/ul#	93
26) Benzo(a)pyrene	24.27	252	92324	1.303	ng/ul#	89

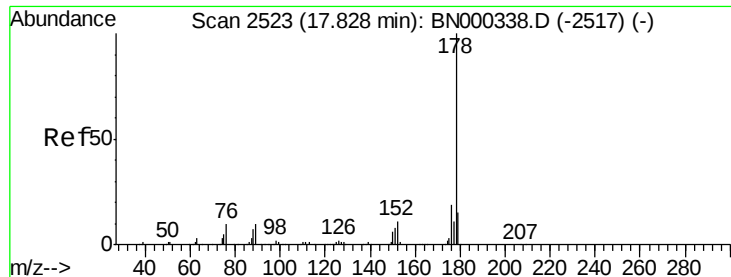
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.370 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN000349.D

Acq: 13 Mar 2018 15:15

Instrument :

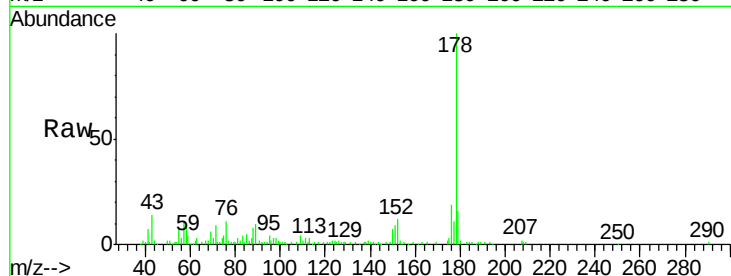
BNA_N

ClientSampleId :

DAMD7

Tot Ion:178 Resp: 105824

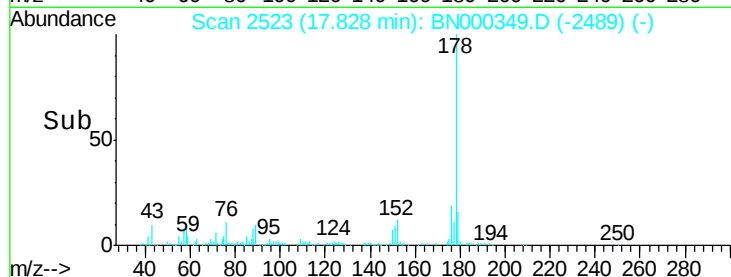
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	19.1	15.1	22.7



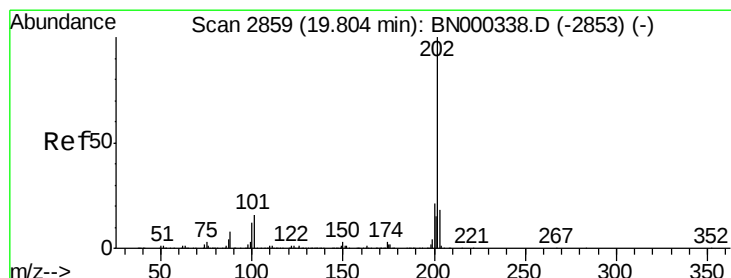
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#16

Fluoranthene

Concen: 2.677 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BN000349.D

Acq: 13 Mar 2018 15:15

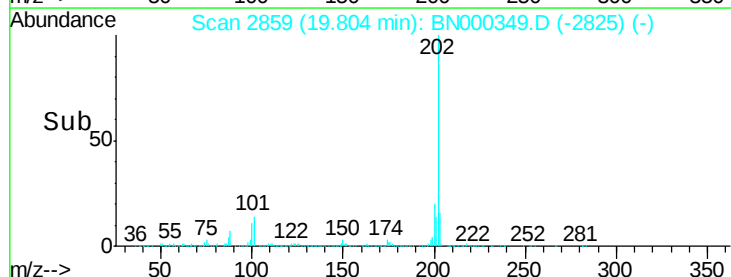
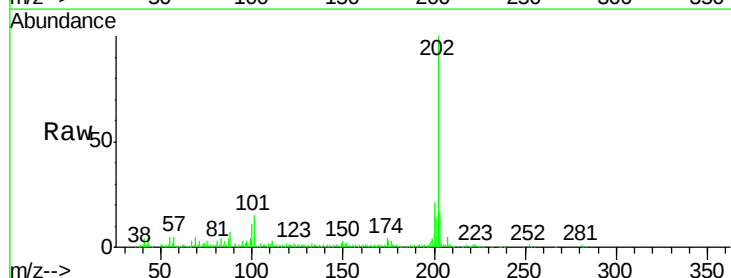
Tgt Ion:202 Resp: 223472

Ion	Ratio	Lower	Upper
202	100		
101	14.9	9.9	14.9#
100	10.8	7.4	11.0

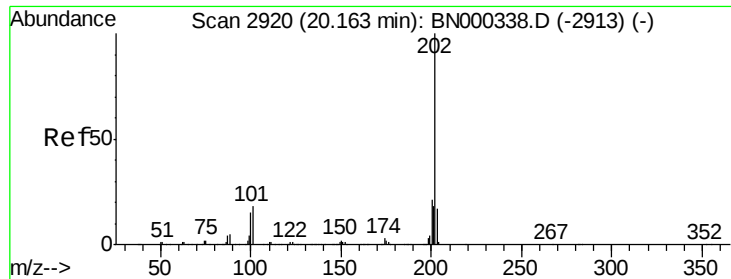
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#19

Pvrene

Concen: 2.296 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BN000349.D

Acq: 13 Mar 2018 15:15

Instrument :

BNA_N

ClientSampleId :

DAMD7

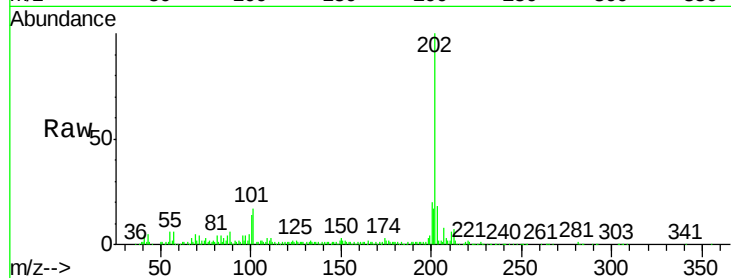
Tot Ion:202 Resp: 198090

Ion Ratio Lower Upper

202 100

101 17.2 11.0 16.4#

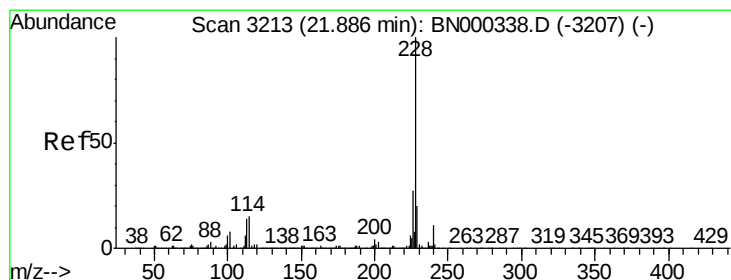
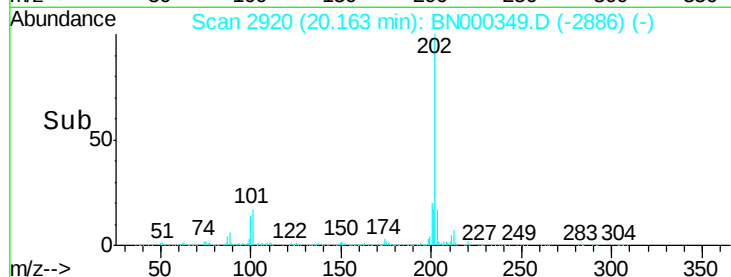
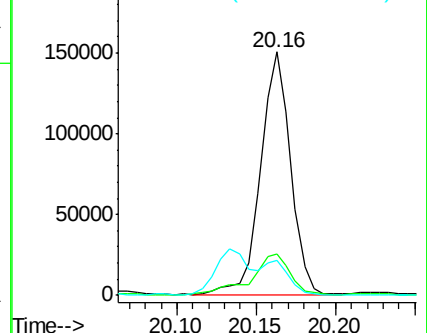
100 14.4 8.1 12.1#



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: 1.342 ng/ul

RT: 21.88 min Scan# 3212

Delta R.T. -0.01 min

Lab File: BN000349.D

Acq: 13 Mar 2018 15:15

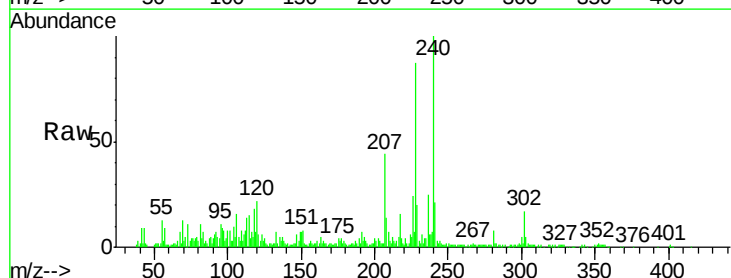
Tgt Ion:228 Resp: 114021

Ion Ratio Lower Upper

228 100

229 22.7 15.7 23.5

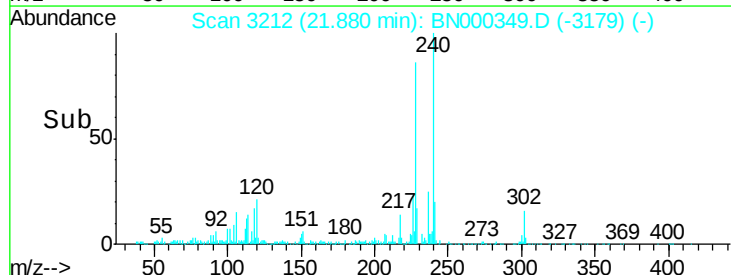
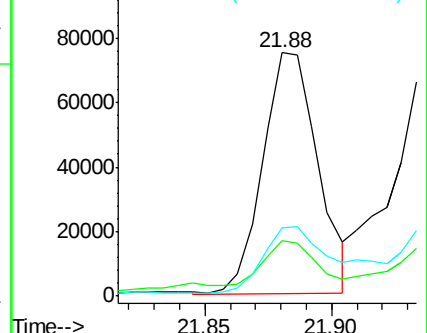
226 28.0 21.1 31.7

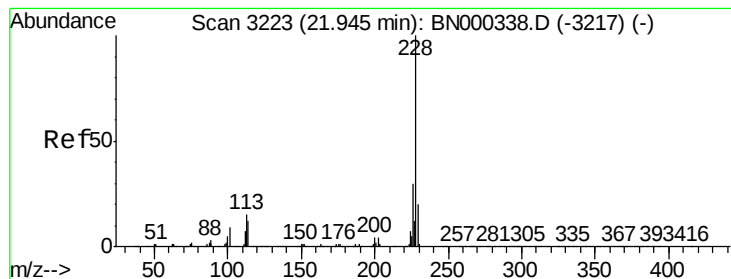


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.481 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BN000349.D

Acq: 13 Mar 2018 15:15

Instrument :

BNA_N

ClientSampleId :

DAMD7

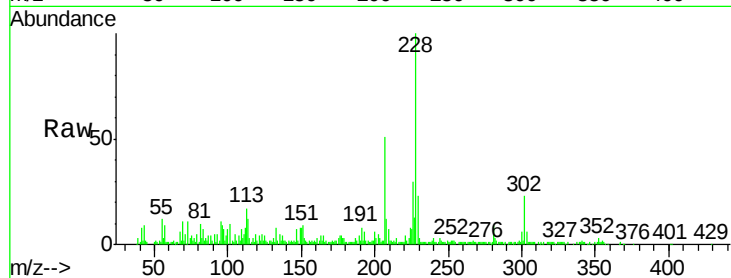
Tot Ion:228 Resp: 119386

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

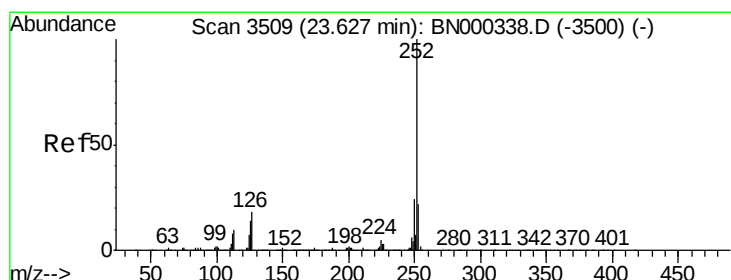
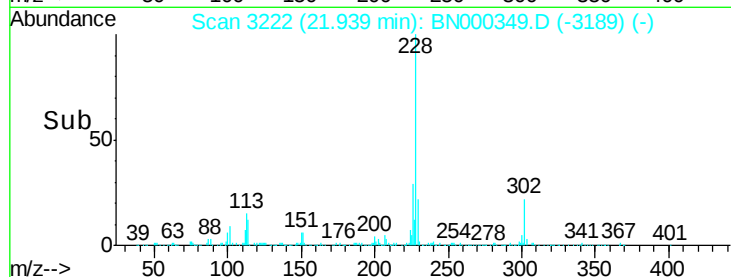
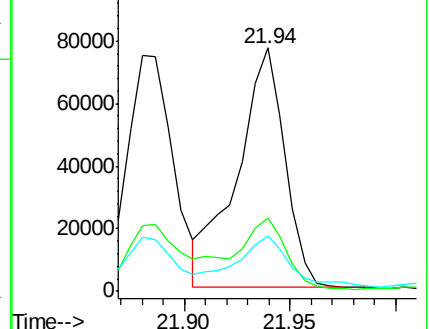
229 23.0 15.8 23.8



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: 2.605 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. 0.00 min

Lab File: BN000349.D

Acq: 13 Mar 2018 15:15

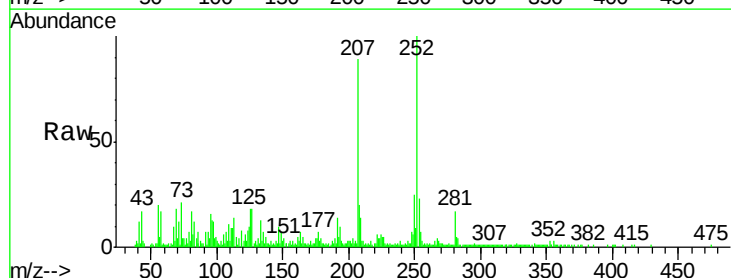
Tgt Ion:252 Resp: 193983

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

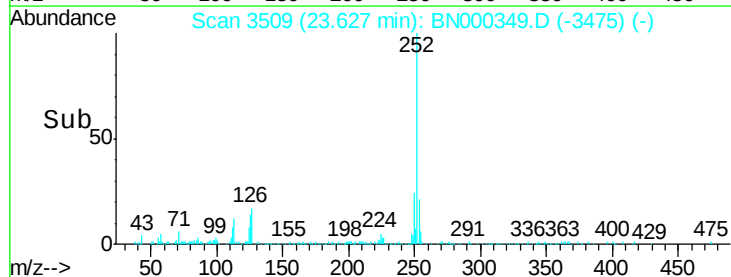
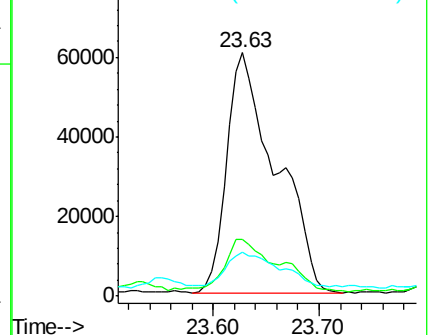
125 18.1 8.0 12.0#

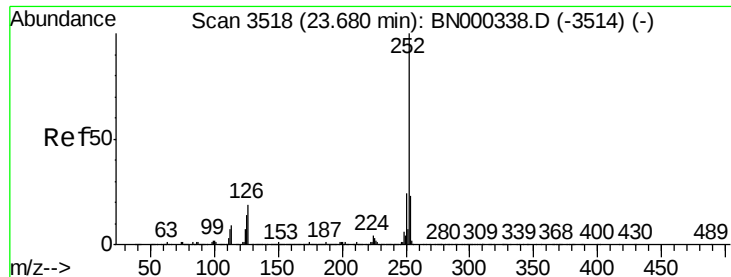


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 2.777 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000349.D

Acq: 13 Mar 2018 15:15

Instrument :

BNA_N

ClientSampleId :

DAMD7

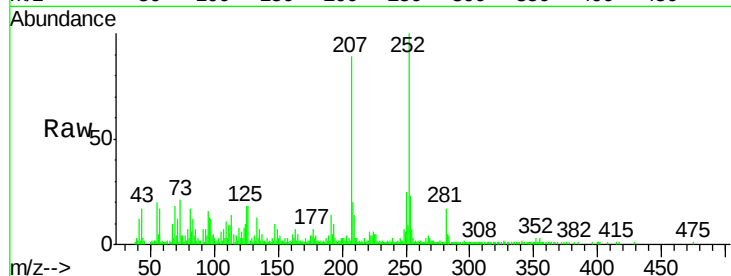
Tot Ion:252 Resp: 193556

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

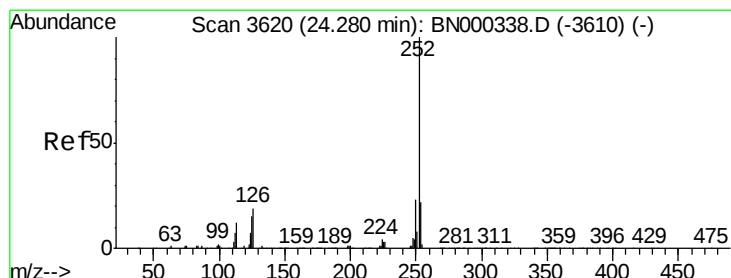
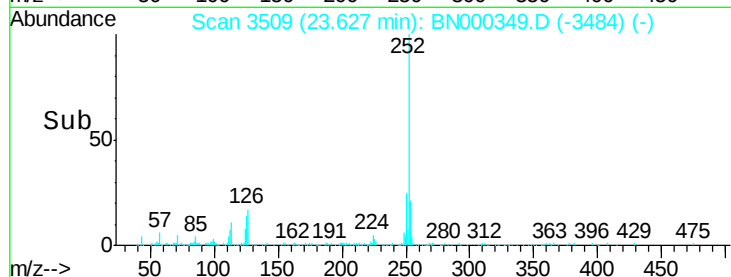
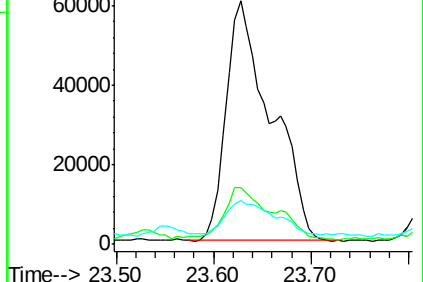
125 18.1 8.1 12.1#



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: 1.303 ng/ul

RT: 24.27 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BN000349.D

Acq: 13 Mar 2018 15:15

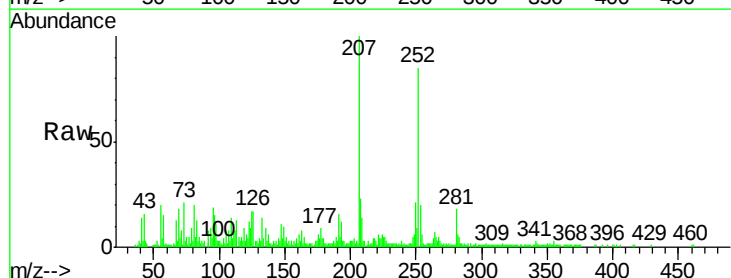
Tgt Ion:252 Resp: 92324

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 19.9 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

