

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027230.D
 Acq On : 26 Aug 2020 02:12
 Operator : JU/CG
 Sample : L3613-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFQ1

Quant Time: Aug 26 02:57:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 26 01:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	149327	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	601264	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	423860	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	972185	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1054448	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1036978	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	14961	5.67	ng/uL	0.00
5) Phenol-d5	6.78	99	284791	23.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	198891	25.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	229478	24.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	183185	18.84	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	115374	23.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	129949	23.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	251228	22.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	280194	22.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	852426	25.35	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	984457	24.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	124951	22.03	ng/ul	0.00
58) Fluorene-d10	15.23	176	742806	25.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	124754	19.67	ng/ul	0.00
71) Anthracene-d10	17.08	188	1127731	24.44	ng/ul	0.00
79) Pyrene-d10	19.38	212	1436181	23.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	1563975	27.05	ng/ul	-0.01

Target Compounds

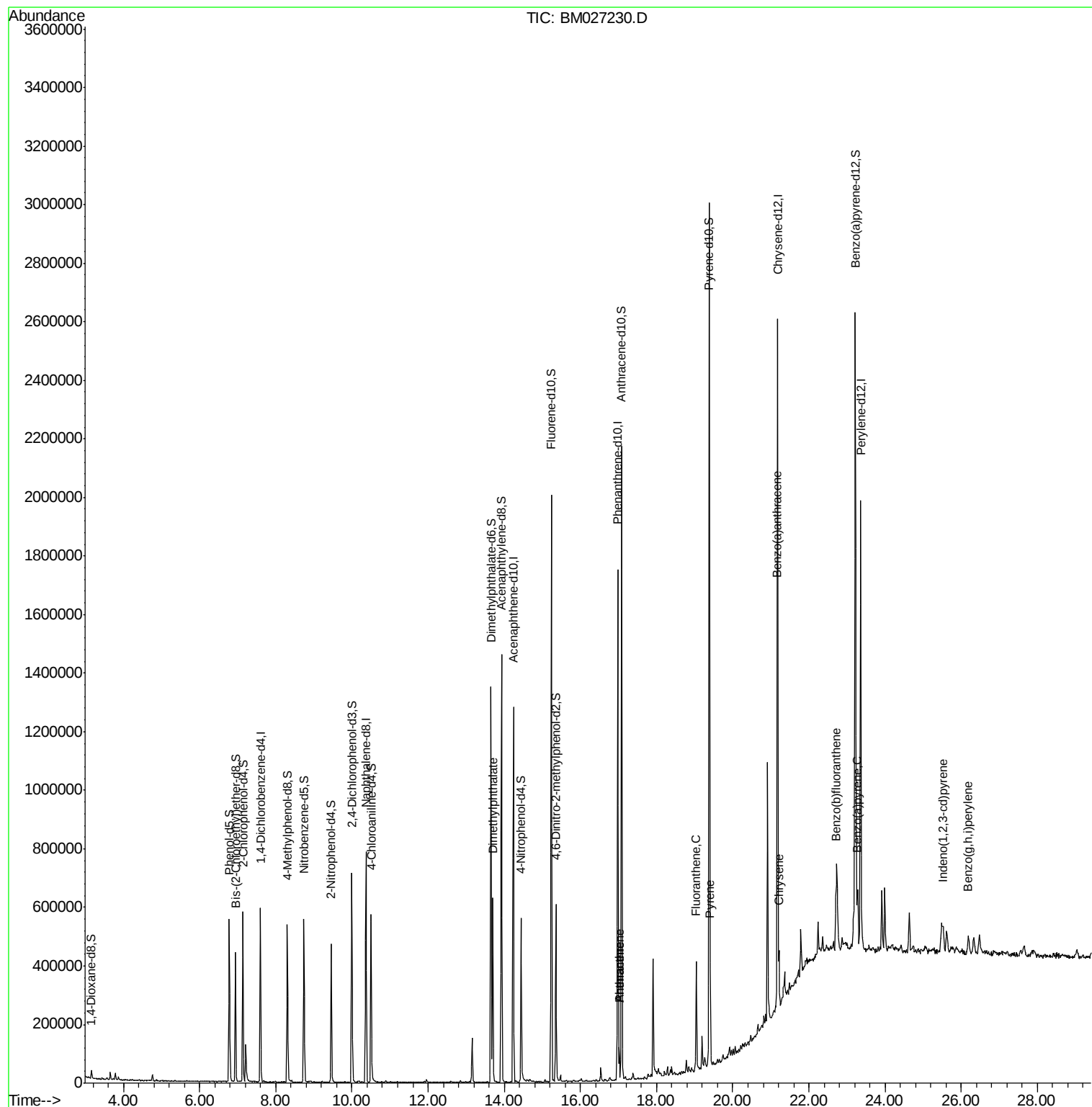
					Ovalue	
45) Dimethylphthalate	13.70	163	368100	10.546	ng/ul	99
70) Phenanthrene	17.02	178	62884	1.133	ng/ul	98
72) Anthracene	17.02	178	62962	1.114	ng/ul	99
77) Fluoranthene	19.04	202	208119	3.131	ng/ul	99
80) Pyrene	19.41	202	178808	2.198	ng/ul	99
83) Benzo(a)anthracene	21.16	228	78729	1.126	ng/ul	97
85) Chrysene	21.21	228	113483	1.695	ng/ul	97
88) Benzo(b)fluoranthene	22.71	252	173402	2.346	ng/ul	97
91) Benzo(a)pyrene	23.27	252	91710	1.414	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.53	276	76005	1.017	ng/ul	98
94) Benzo(g,h,i)perylene	26.19	276	69048	1.130	ng/ul	97

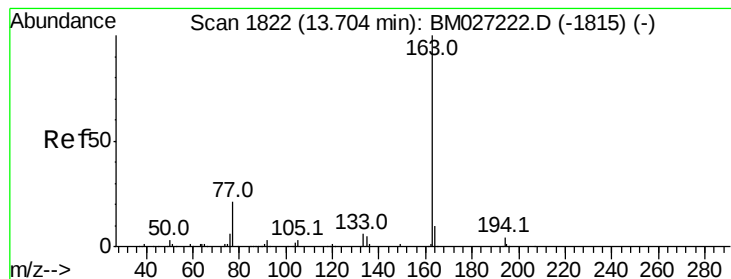
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027230.D
Acq On : 26 Aug 2020 02:12
Operator : JU/CG
Sample : L3613-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFQ1

Quant Time: Aug 26 02:57:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 26 01:51:51 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 10.546 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM027230.D

Acq: 26 Aug 2020 02:12

Instrument :

BNA_M

ClientSampleId :

DBFQ1

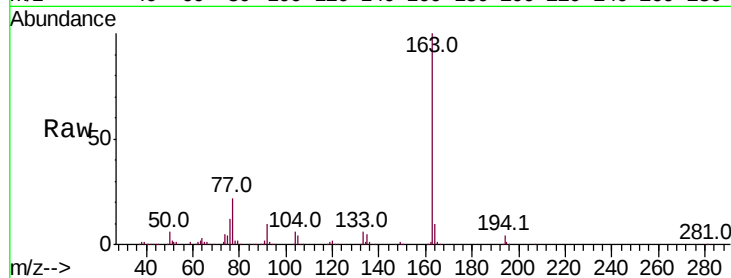
Tot Ion:163 Resp: 368100

Ion Ratio Lower Upper

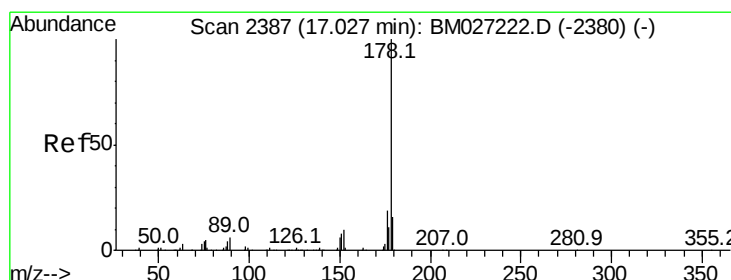
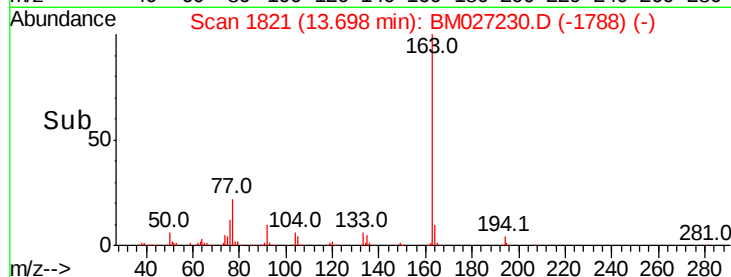
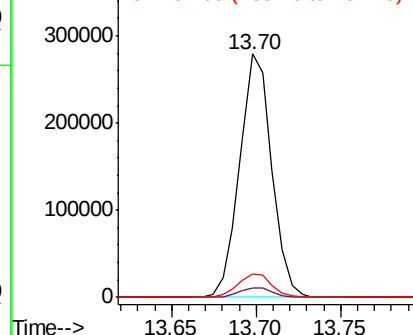
163 100

194 4.1 3.5 5.3

164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 1.133 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM027230.D

Acq: 26 Aug 2020 02:12

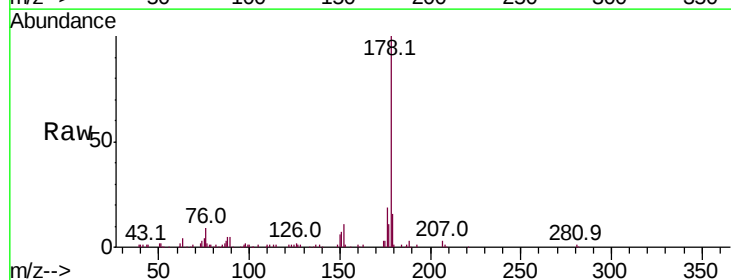
Tgt Ion:178 Resp: 62884

Ion Ratio Lower Upper

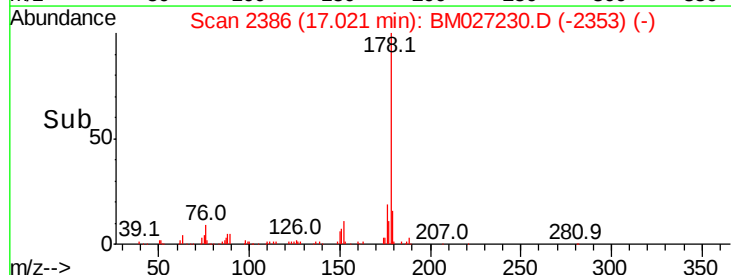
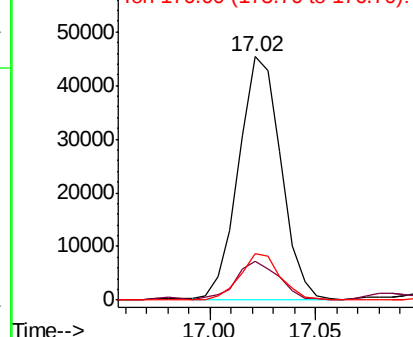
178 100

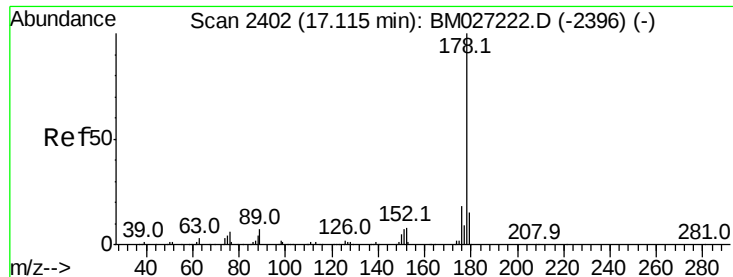
179 15.9 12.0 18.0

176 19.2 14.6 22.0



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





#72

Anthracene

Concen: 1.114 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.09 min

Lab File: BM027230.D

Acq: 26 Aug 2020 02:12

Instrument :

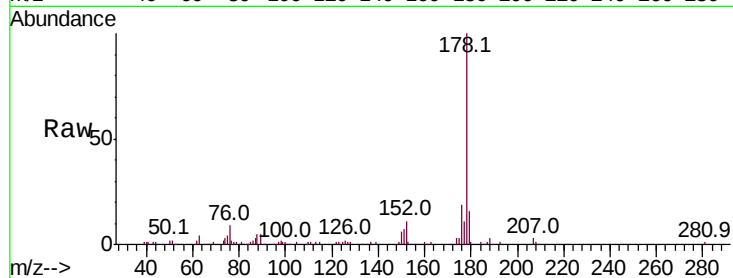
BNA_M

ClientSampleId :

DBFQ1

Tot Ion:178 Resp: 62962

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.2	14.8	22.2

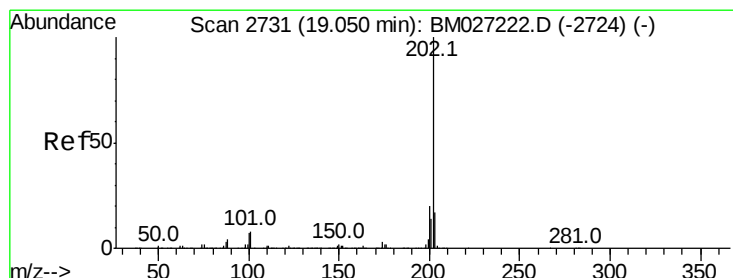
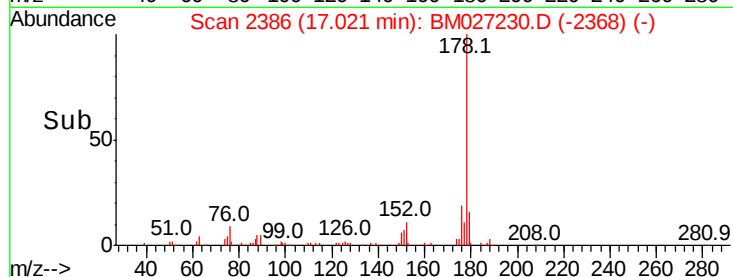
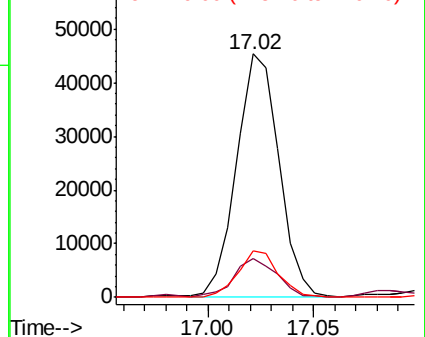


Abundance

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



#77

Fluoranthene

Concen: 3.131 ng/ul

RT: 19.04 min Scan# 2730

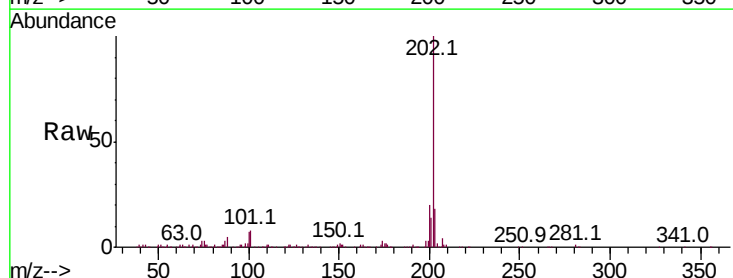
Delta R.T. -0.01 min

Lab File: BM027230.D

Acq: 26 Aug 2020 02:12

Tgt Ion:202 Resp: 208119

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.4	9.6
100	7.1	5.0	7.6

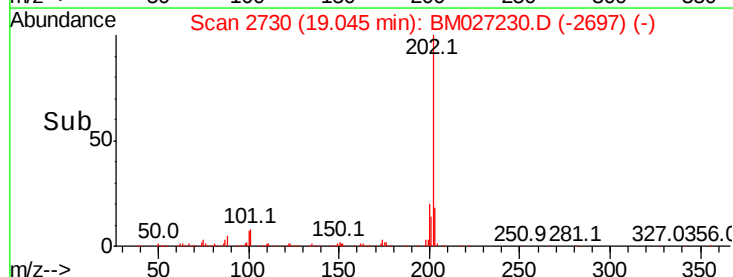
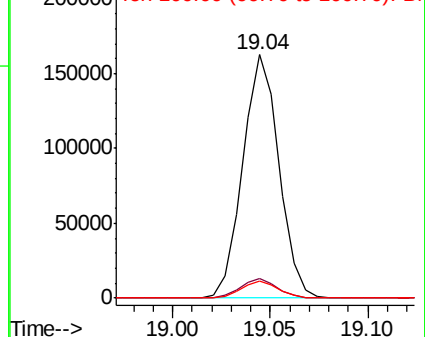


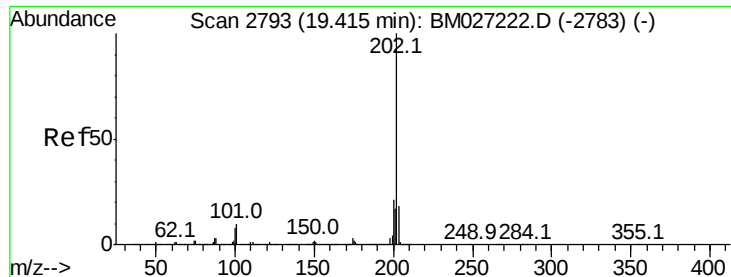
Abundance

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

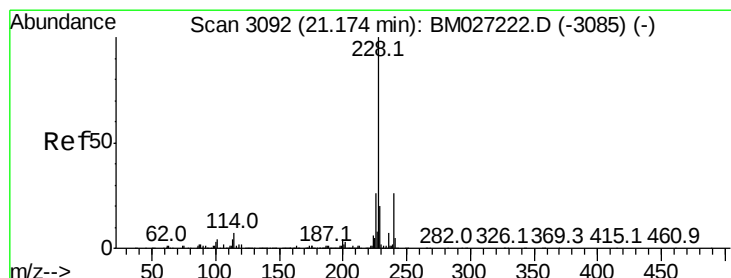
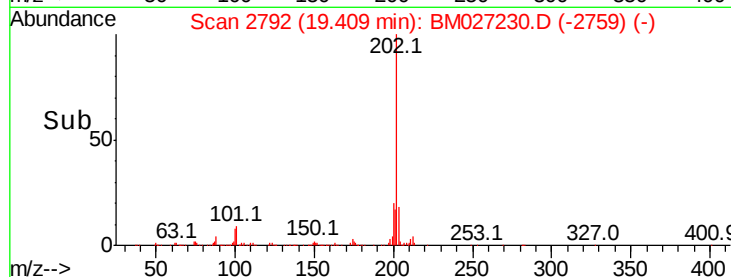
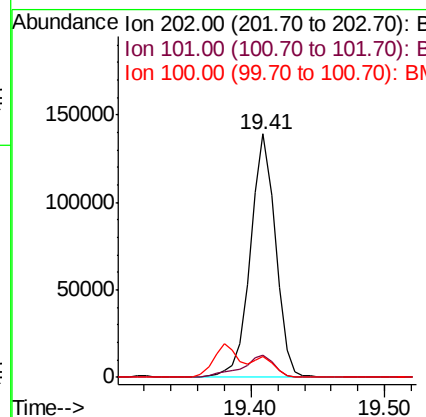
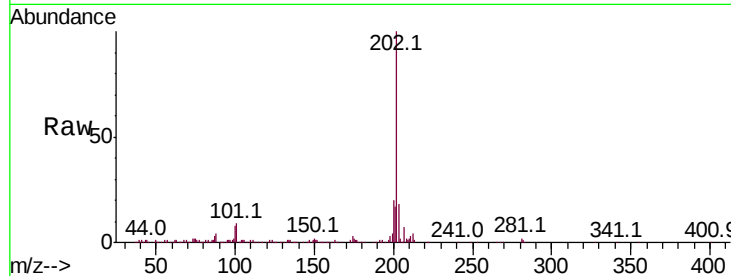




#80
Pvrene
Concen: 2.198 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM027230.D
Acq: 26 Aug 2020 02:12

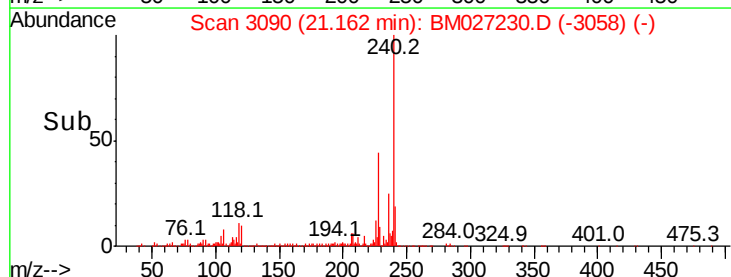
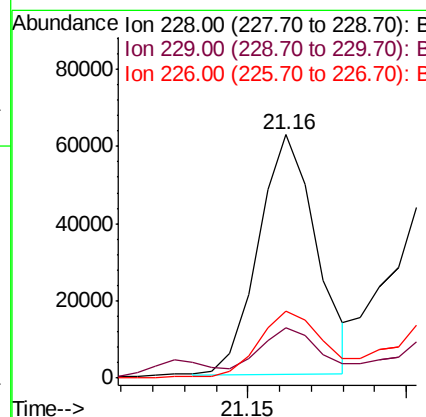
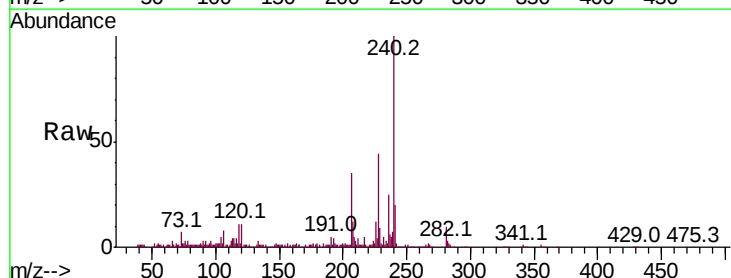
Instrument :
BNA_M
ClientSampleId :
DBFQ1

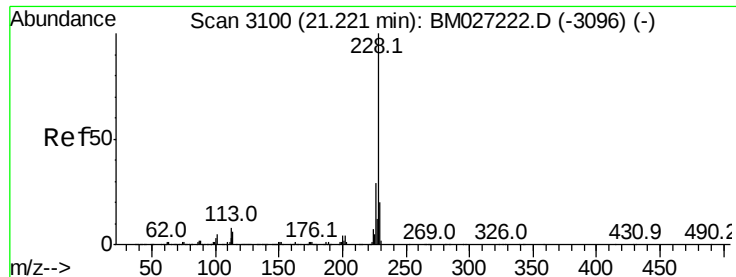
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	8.0	12.0
100	8.4	6.8	10.2



#83
Benzo(a)anthracene
Concen: 1.126 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM027230.D
Acq: 26 Aug 2020 02:12

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.5	23.3
226	27.6	21.1	31.7





#85

Chrysene

Concen: 1.695 ng/ul

RT: 21.21 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM027230.D

Acq: 26 Aug 2020 02:12

Instrument :

BNA_M

ClientSampleId :

DBFQ1

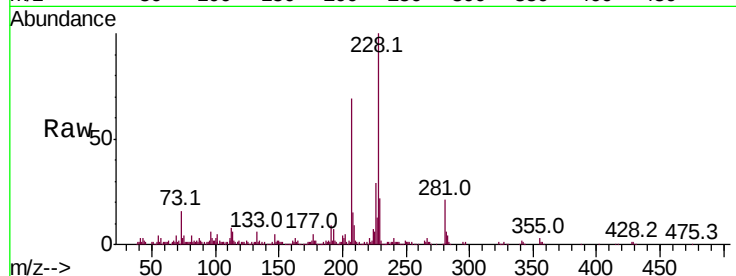
Tot Ion:228 Resp: 113483

Ion Ratio Lower Upper

228 100

226 29.0 23.1 34.7

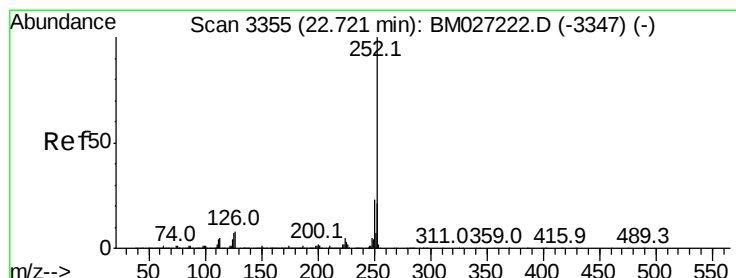
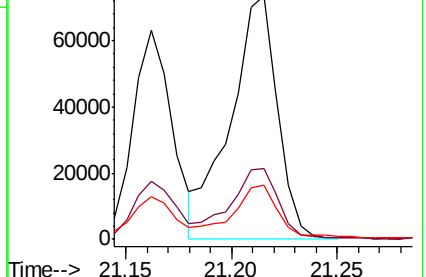
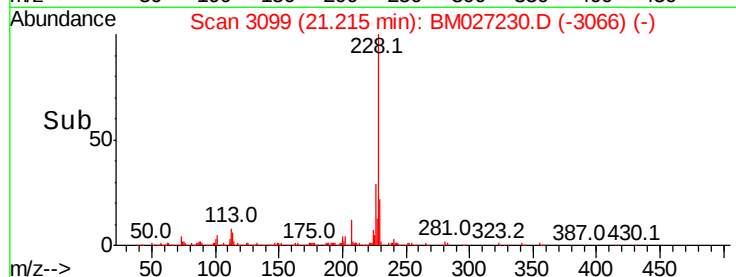
229 22.5 15.5 23.3



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



#88

Benzo(b)fluoranthene

Concen: 2.346 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM027230.D

Acq: 26 Aug 2020 02:12

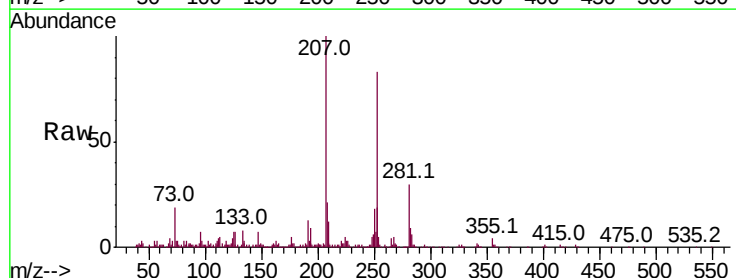
Tgt Ion:252 Resp: 173402

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

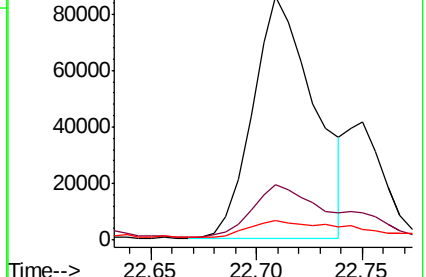
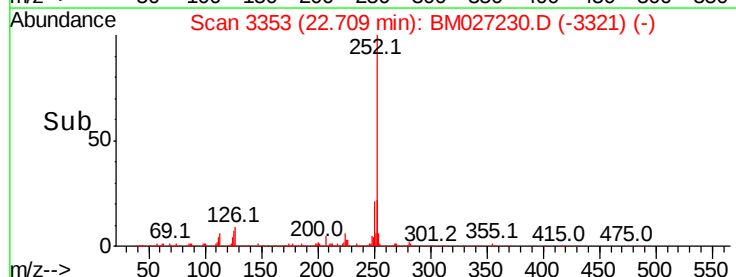
125 8.0 5.6 8.4

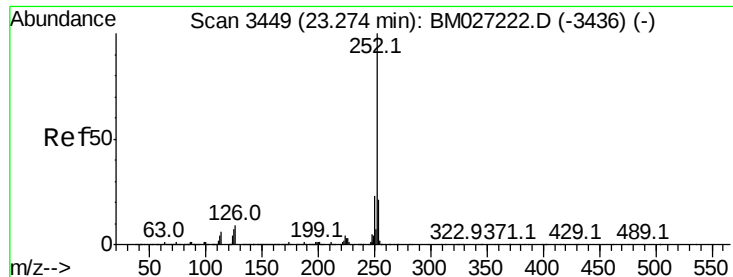


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.414 ng/ul

RT: 23.27 min Scan# 3448

Delta R.T. -0.01 min

Lab File: BM027230.D

Acq: 26 Aug 2020 02:12

Instrument :

BNA_M

ClientSampleId :

DBFQ1

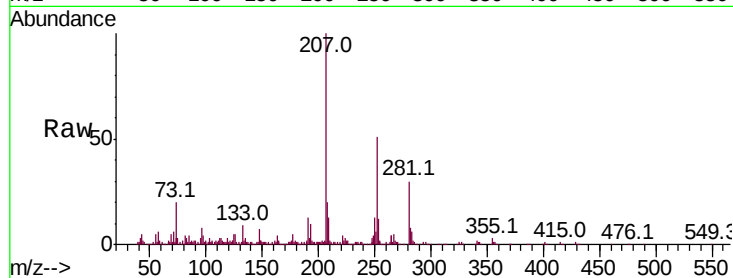
Tot Ion:252 Resp: 91710

Ion Ratio Lower Upper

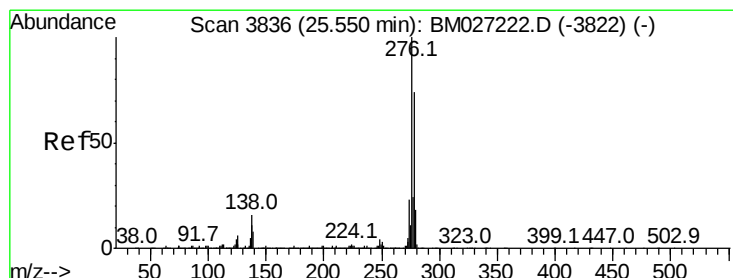
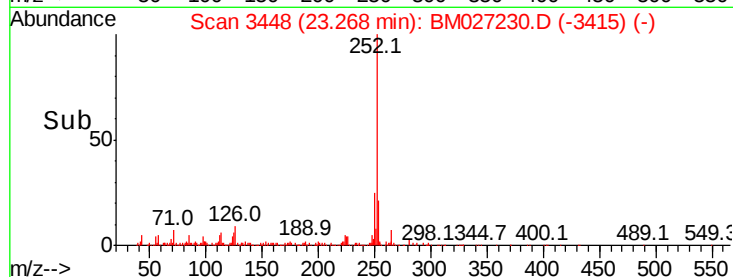
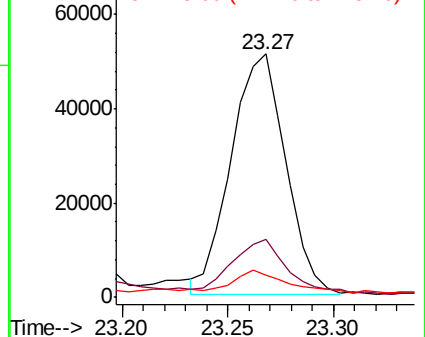
252 100

253 24.0 17.0 25.4

125 8.9 6.0 9.0



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.017 ng/ul

RT: 25.53 min Scan# 3832

Delta R.T. -0.02 min

Lab File: BM027230.D

Acq: 26 Aug 2020 02:12

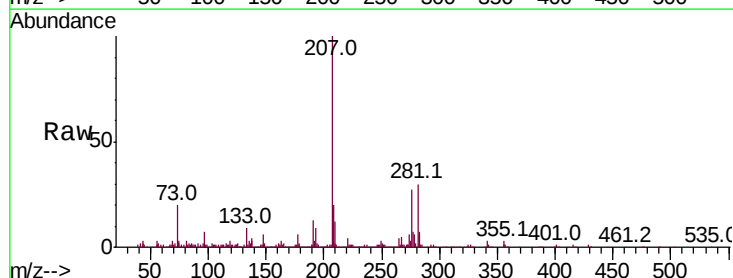
Tgt Ion:276 Resp: 76005

Ion Ratio Lower Upper

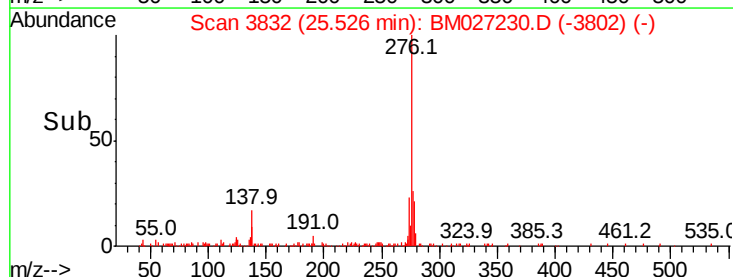
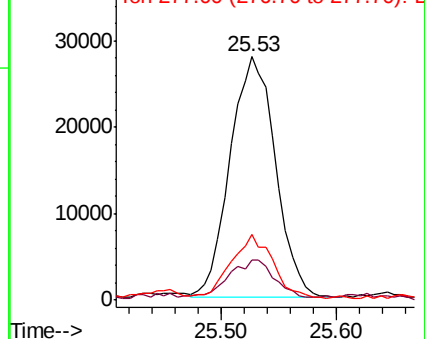
276 100

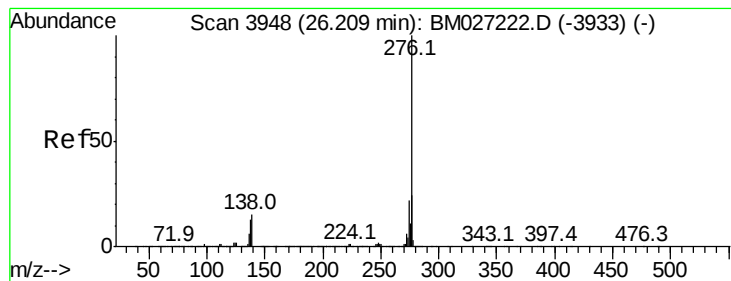
138 16.4 13.3 19.9

277 26.9 20.2 30.2



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





#94

Benzo(a,h,i)perylene

Concen: 1.130 ng/ul

RT: 26.19 min Scan# 3945

Delta R.T. -0.02 min

Lab File: BM027230.D

Acq: 26 Aug 2020 02:12

Instrument :

BNA_M

ClientSampleId :

DBFQ1

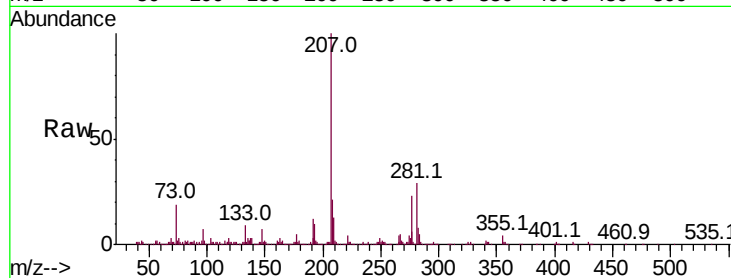
Tot Ion:276 Resp: 69048

Ion Ratio Lower Upper

276 100

138 15.2 11.0 16.4

277 24.5 18.7 28.1



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

