

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 03:04:42 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

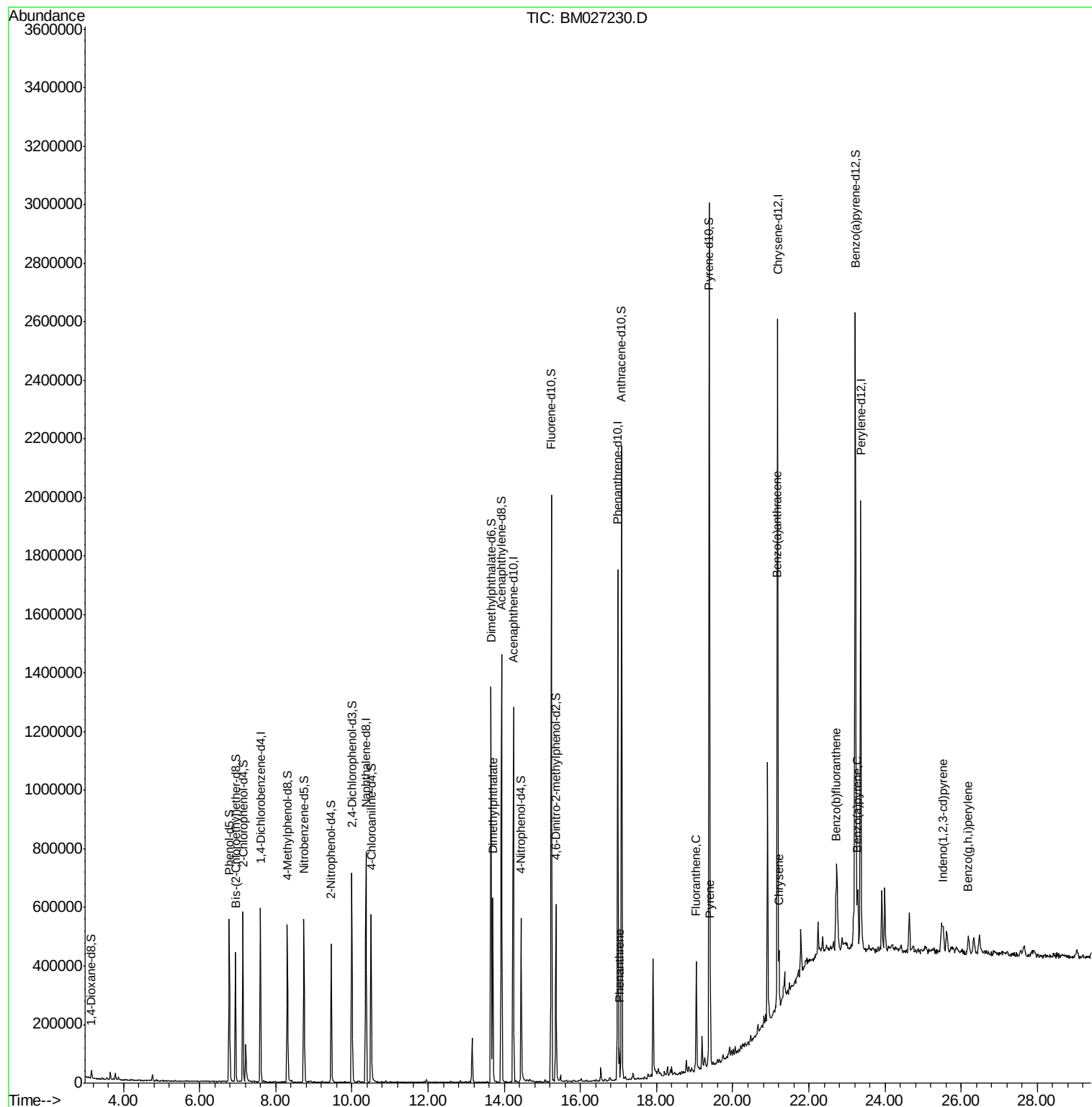
					Ovalue
45) Dimethylphthalate	13.70	163	368100	10.546	ng/ul 99
70) Phenanthrene	17.02	178	62884	1.133	ng/ul 98
77) Fluoranthene	19.04	202	208119	3.131	ng/ul 99
80) Pyrene	19.41	202	178808	2.198	ng/ul 99
83) Benzo(a)anthracene	21.16	228	78729	1.126	ng/ul 97
85) Chrysene	21.21	228	113483	1.695	ng/ul 97
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(a,h,i)perylene	26.19	276	69048	1.130	ng/ul 97

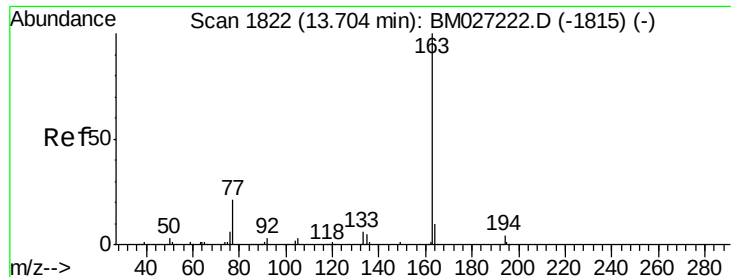
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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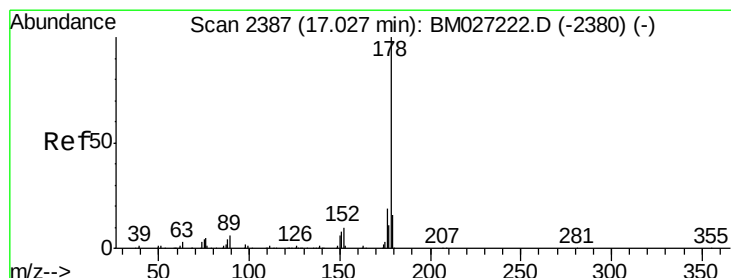
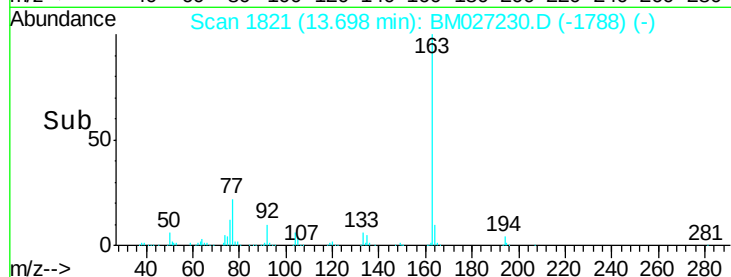
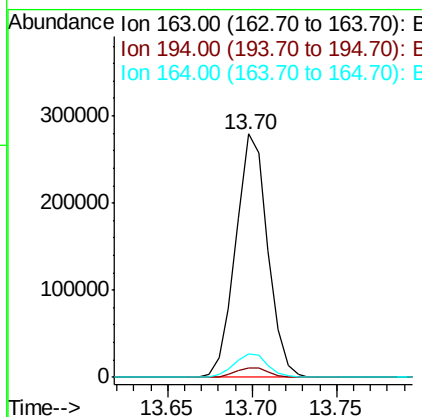
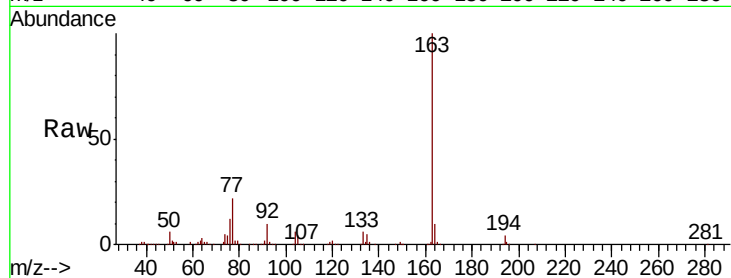




#45
Dimethylphthalate
Concen: 10.546 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM027230.D
Acq: 26 Aug 2020 02:12

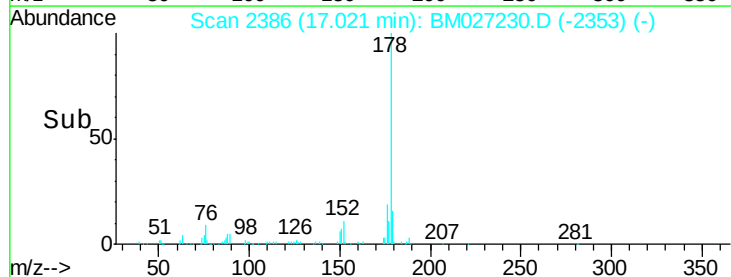
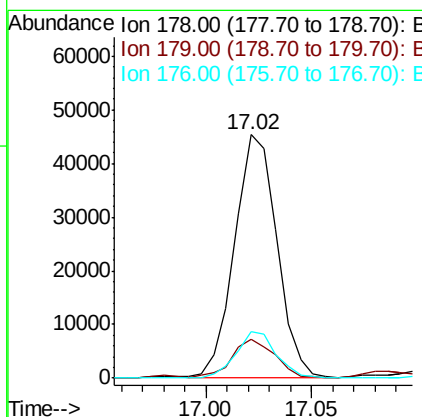
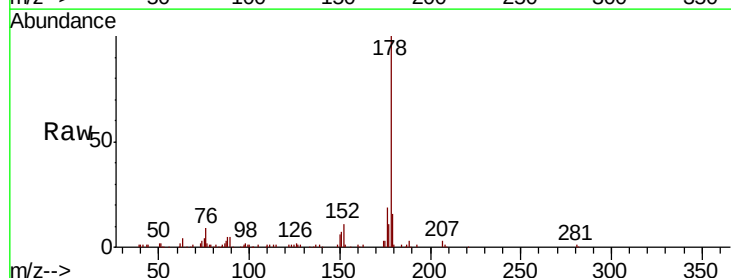
Instrument :
BNA_M
ClientSampleId :
DBFQ1

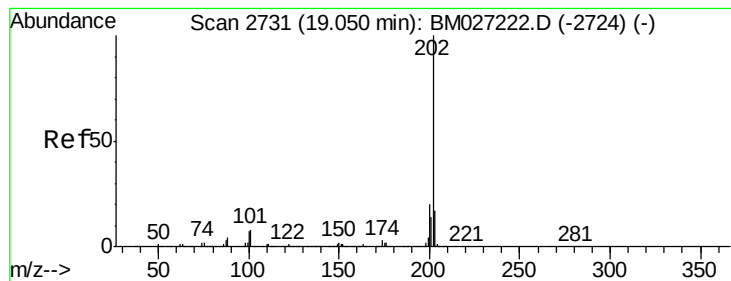
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.8	8.2	12.2



#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	Ratio	Lower	Upper
178	100		
179	15.9	12.0	18.0
176	19.2	14.6	22.0





#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

Instrument :

BNA_M

ClientSampleId :

DBFQ1

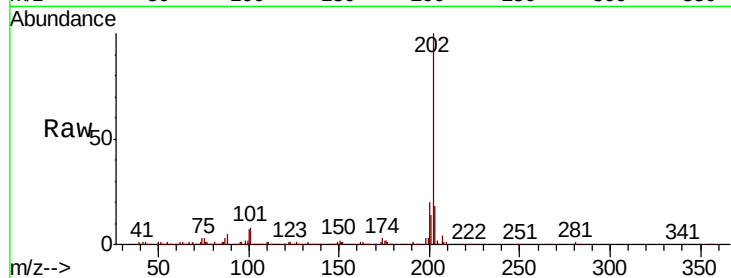
Tot Ion:202 Resp: 208119

Ion Ratio Lower Upper

202 100

101 7.9 6.4 9.6

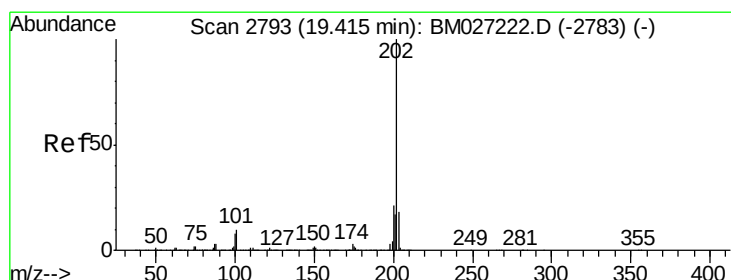
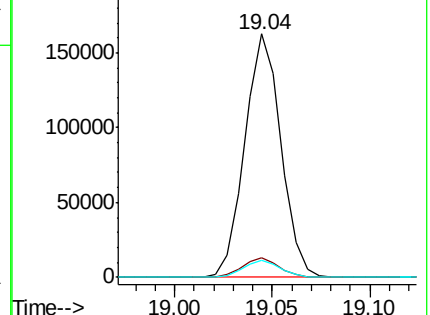
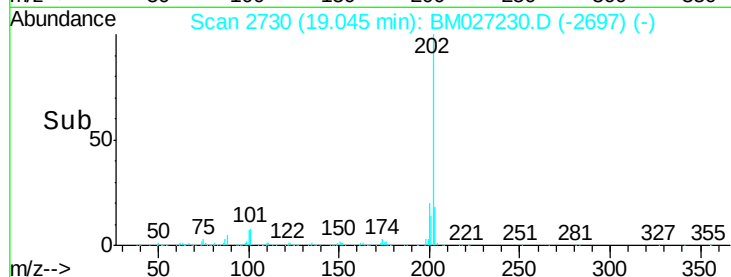
100 7.1 5.0 7.6



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): B



#80

Pyrene

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

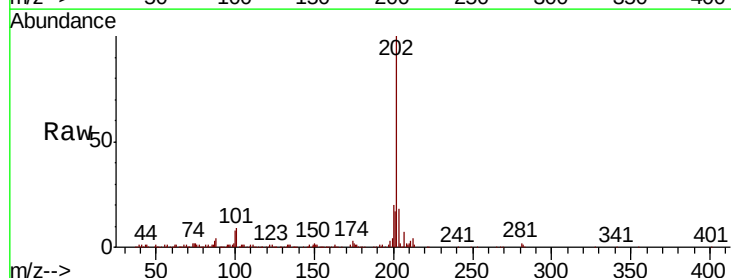
Tgt Ion:202 Resp: 178808

Ion Ratio Lower Upper

202 100

101 9.1 8.0 12.0

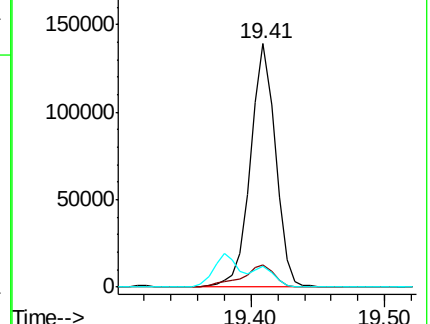
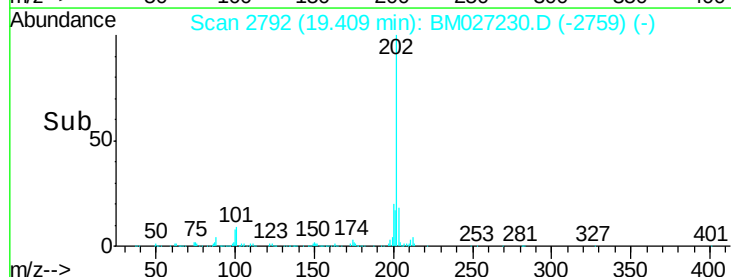
100 8.4 6.8 10.2

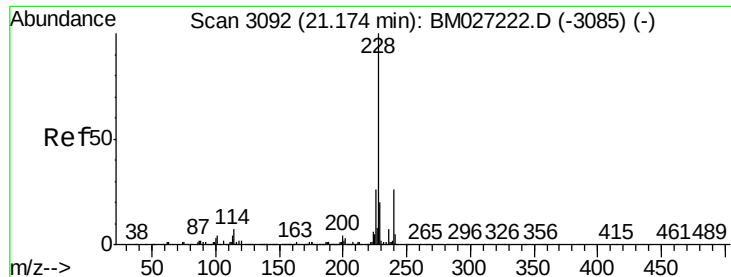


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#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

Instrument :

BNA_M

ClientSampleId :

DBFQ1

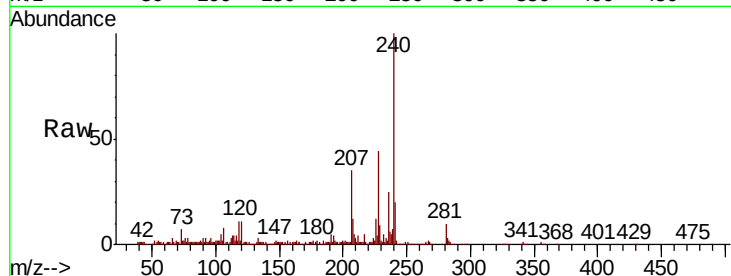
Tot Ion:228 Resp: 78729

Ion Ratio Lower Upper

228 100

229 20.7 15.5 23.3

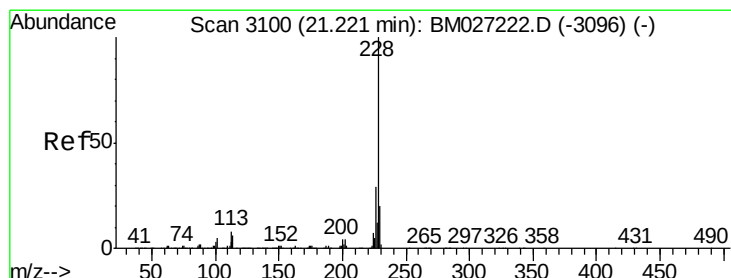
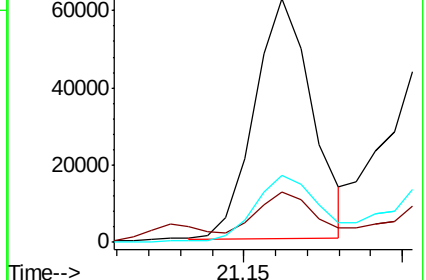
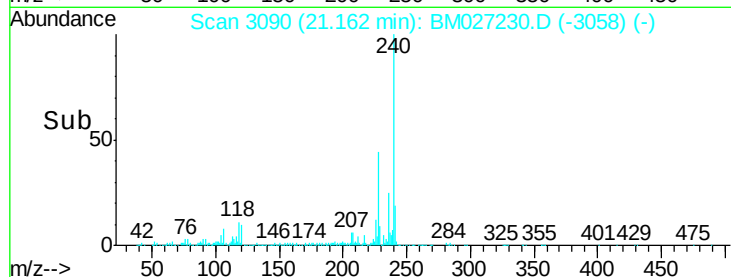
226 27.6 21.1 31.7



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



#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

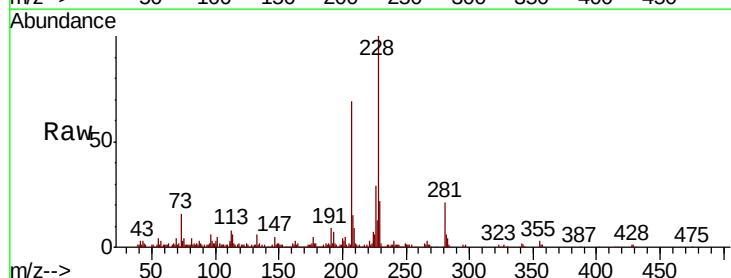
Tgt Ion:228 Resp: 113483

Ion Ratio Lower Upper

228 100

226 29.0 23.1 34.7

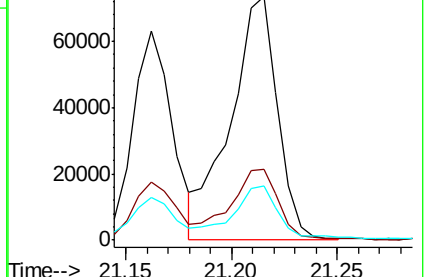
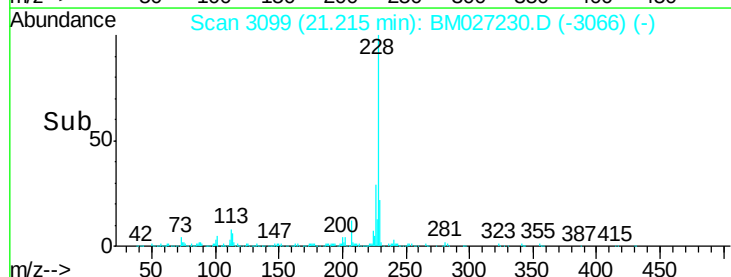
229 22.5 15.5 23.3

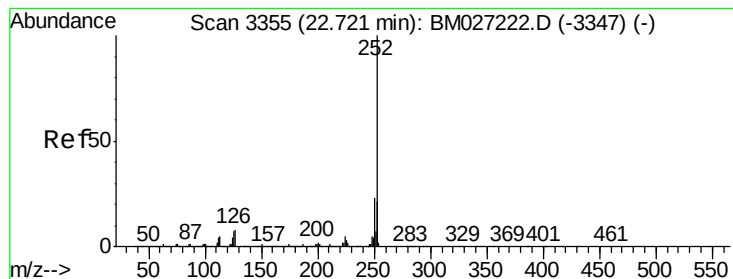


Abundance Ion 228.00 (227.70 to 228.70): E

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

Instrument :

BNA_M

ClientSampled :

DBFQ1

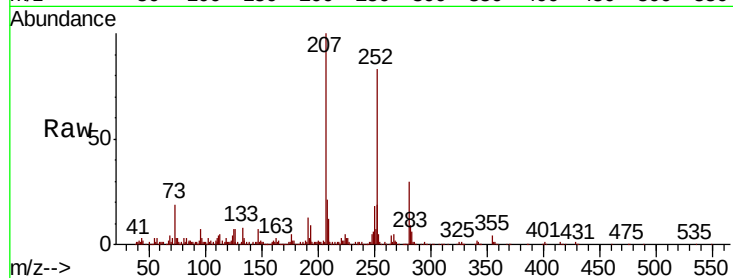
Tot Ion:252 Resp: 173402

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

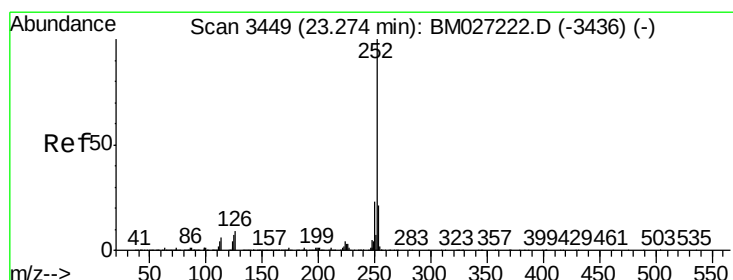
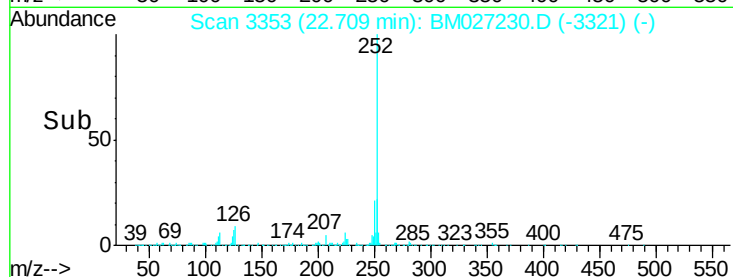
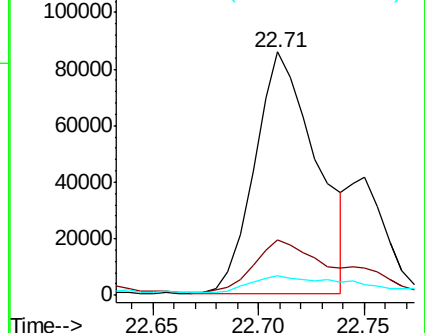
125 8.0 5.6 8.4



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

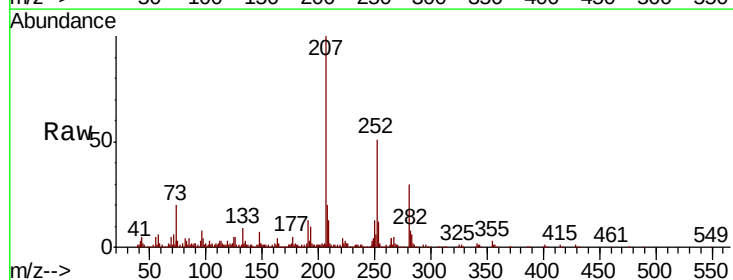
Tgt Ion:252 Resp: 91710

Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.4

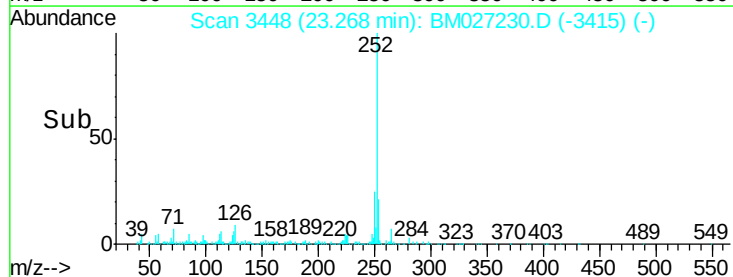
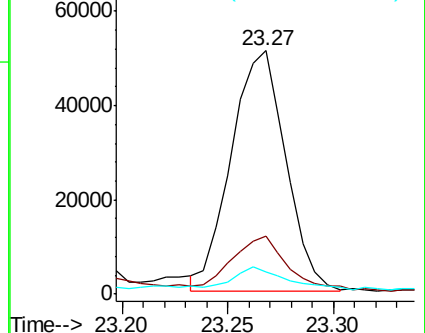
125 8.9 6.0 9.0

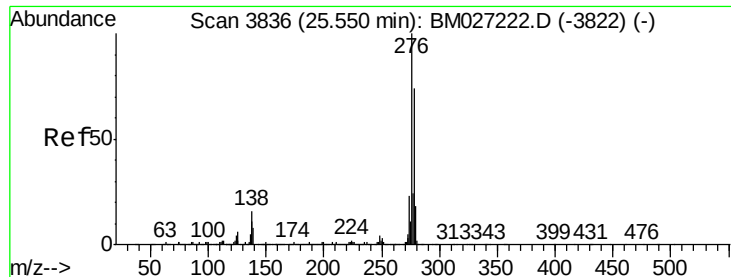


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

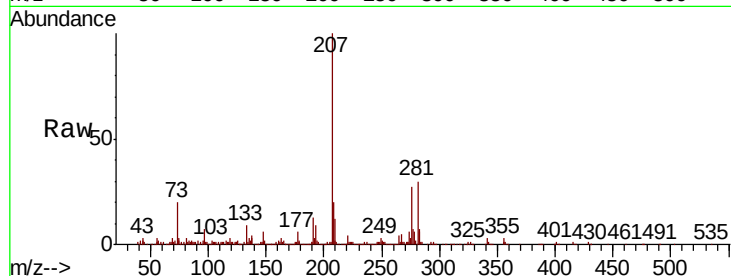
BNA_M

ClientSampleId :

DBFQ1

Tot Ion:276 Resp: 76005

Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.3	19.9
277	26.9	20.2	30.2

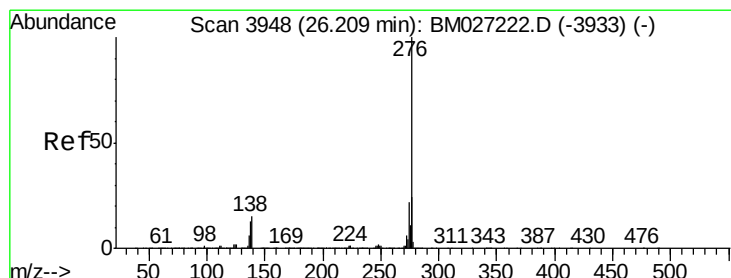
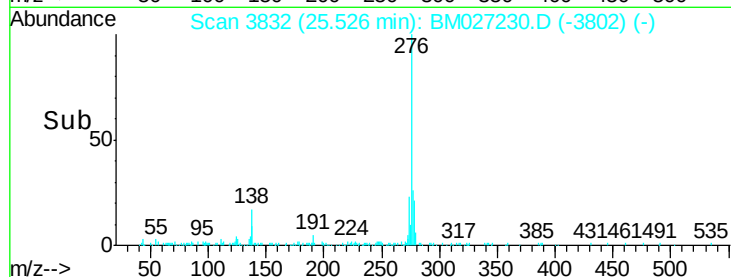
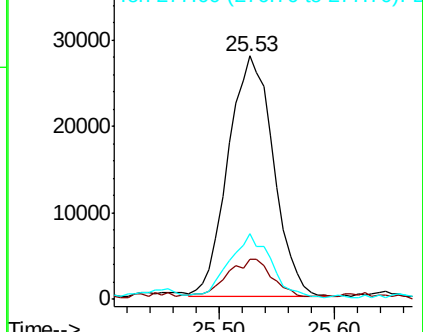


Abundance

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(g,h,i)perylene

Concen: 1.130 ng/ul

RT: 26.19 min Scan# 3945

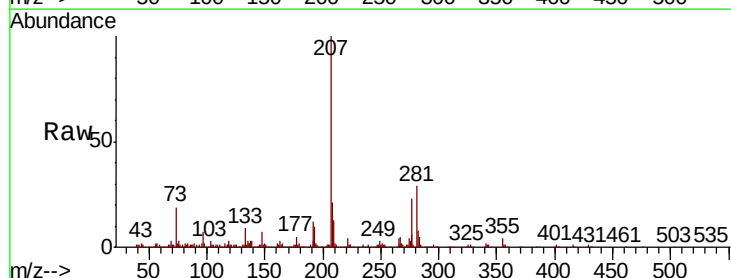
Delta R.T. -0.02 min

Lab File: BM027230.D

Acq: 26 Aug 2020 02:12

Tgt 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

