

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027239.D
 Acq On : 26 Aug 2020 08:13
 Operator : JU/CG
 Sample : L3613-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFQ9

Quant Time: Aug 26 08:47:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 26 08:25:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	196925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	816737	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	581227	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	1336633	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1489389	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1283600	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	8843	2.54	ng/uL	0.00
5) Phenol-d5	6.78	99	181328	11.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	133672	12.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	147576	12.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	132796	10.36	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	77589	11.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	86518	11.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	167777	10.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	176673	10.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	616360	13.37	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	643298	11.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	77177	9.92	ng/ul	0.00
58) Fluorene-d10	15.23	176	511123	12.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	84691	9.71	ng/ul	0.00
71) Anthracene-d10	17.08	188	793449	12.51	ng/ul	0.00
79) Pyrene-d10	19.38	212	984959	11.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	918668	12.84	ng/ul	0.00

Target Compounds

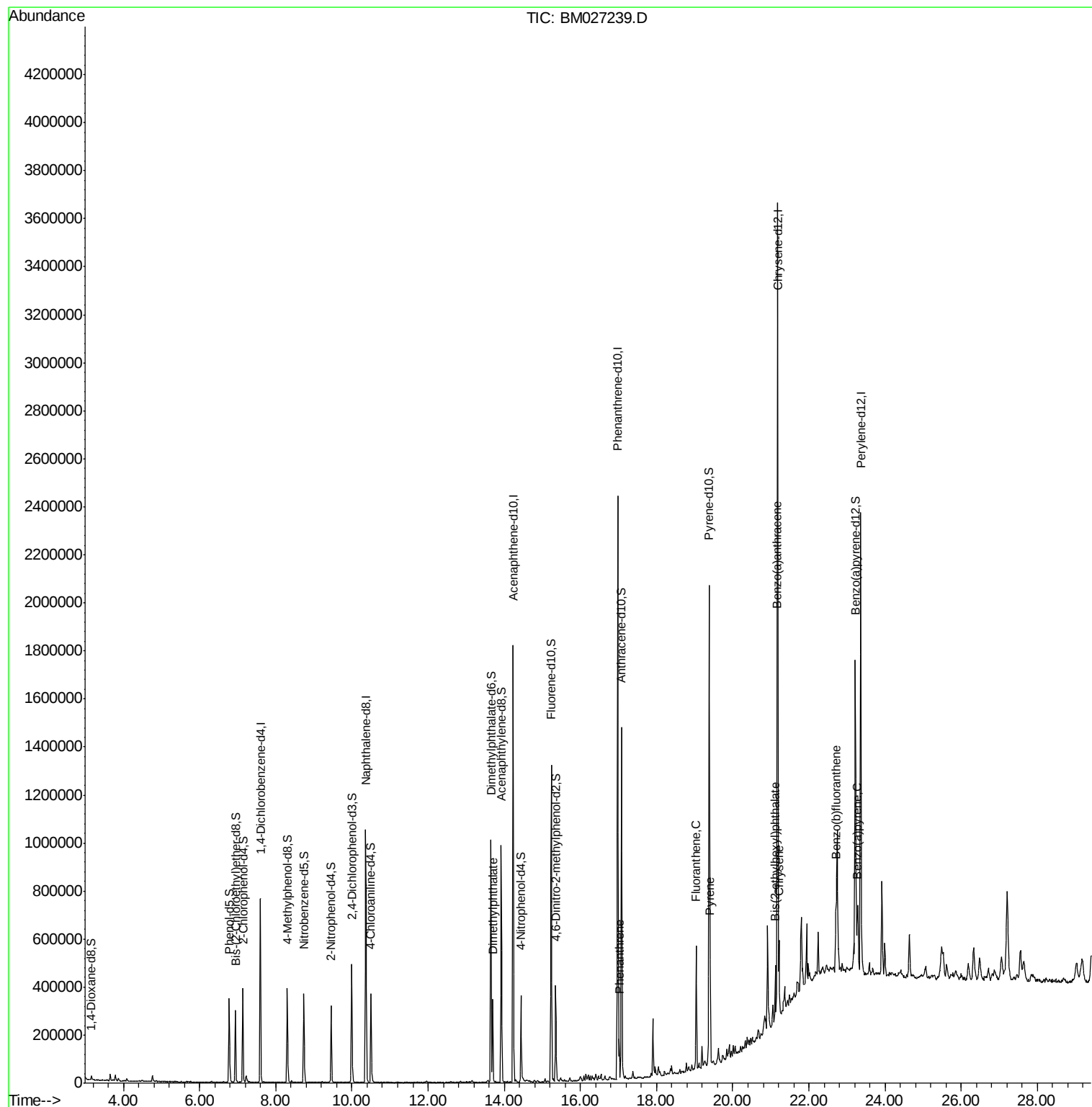
					Ovalue
45) Dimethylphthalate	13.70	163	200258	4.184	ng/ul 100
70) Phenanthrene	17.02	178	92763	1.216	ng/ul 98
77) Fluoranthene	19.04	202	294030	3.217	ng/ul 99
80) Pyrene	19.41	202	252283	2.196	ng/ul 98
83) Benzo(a)anthracene	21.16	228	149599	1.515	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.12	149	73885	1.203	ng/ul 100
85) Chrysene	21.22	228	174580	1.846	ng/ul 99
88) Benzo(b)fluoranthene	22.71	252	223347	2.441	ng/ul# 95
91) Benzo(a)pyrene	23.26	252	121941	1.518	ng/ul# 96

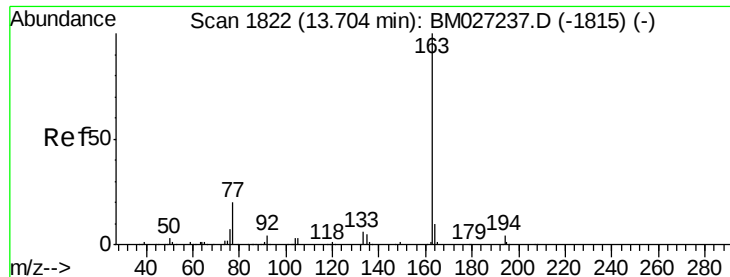
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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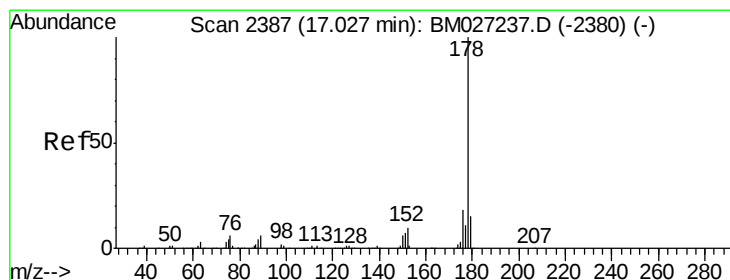
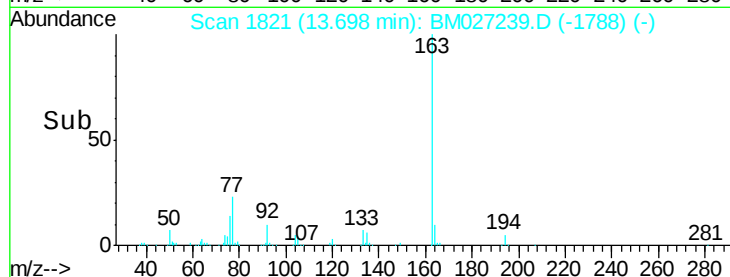
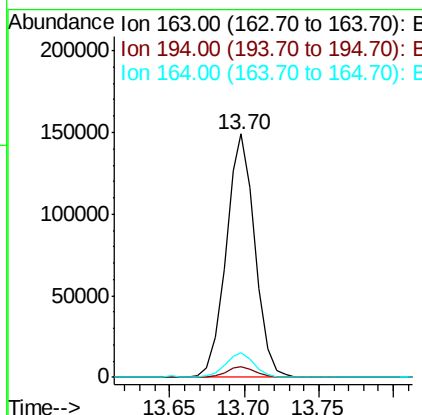
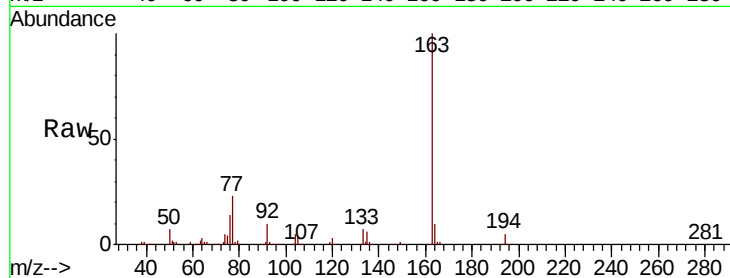




#45
Dimethylphthalate
Concen: 4.184 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM027239.D
Acq: 26 Aug 2020 08:13

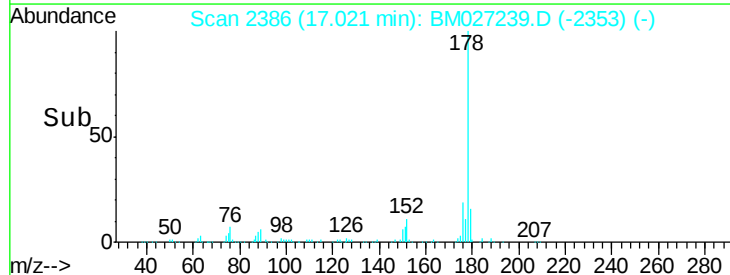
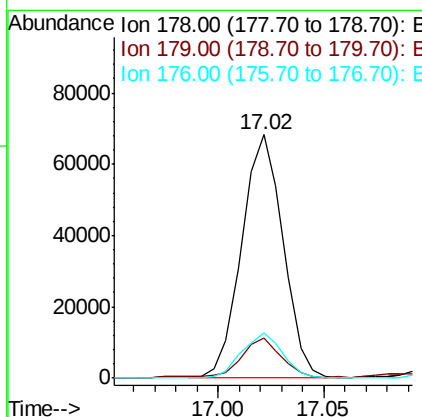
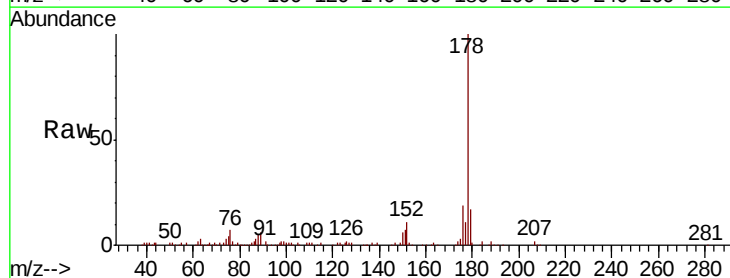
Instrument :
BNA_M
ClientSampleId :
DBFQ9

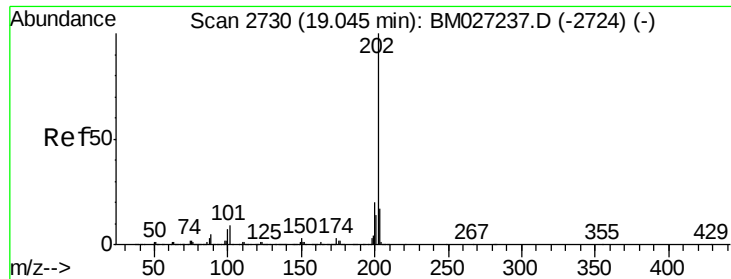
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.4	8.2	12.2



#70
Phenanthrene
Concen: 1.216 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM027239.D
Acq: 26 Aug 2020 08:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.0	18.0
176	18.5	14.6	22.0

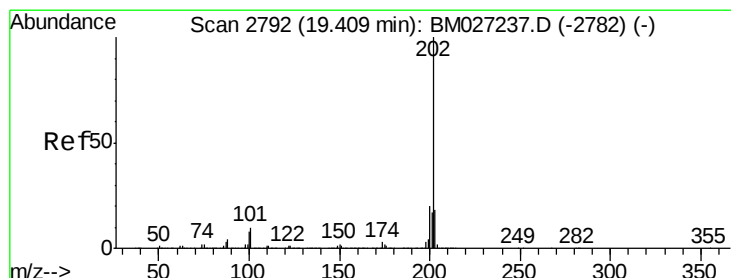
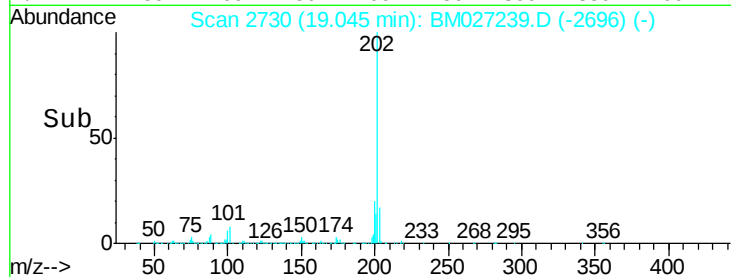
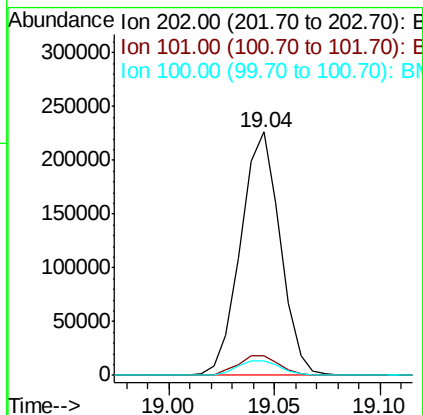
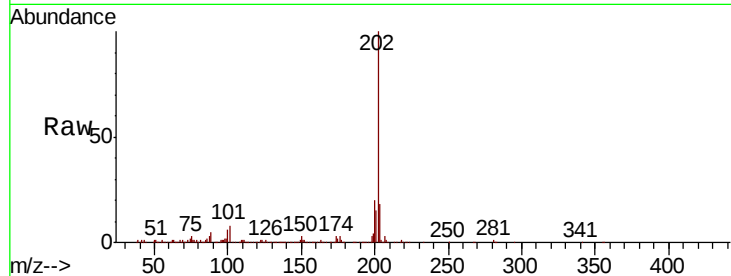




#77
 Fluoranthene
 Concen: 3.217 ng/ul
 RT: 19.04 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BM027239.D
 Acq: 26 Aug 2020 08:13

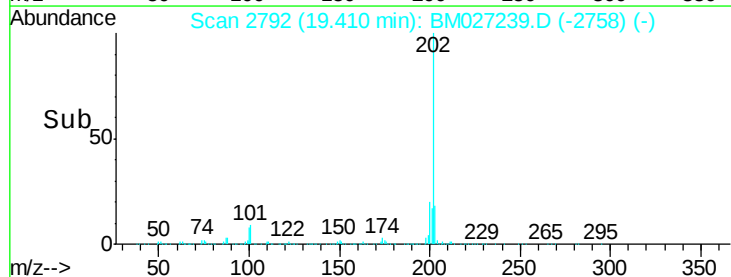
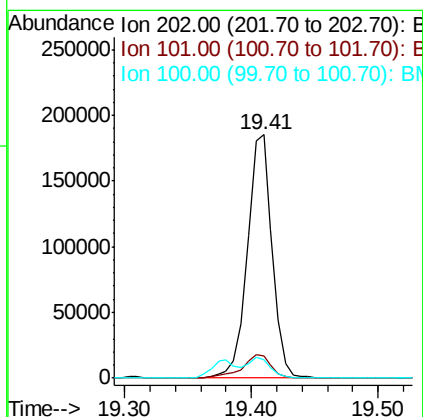
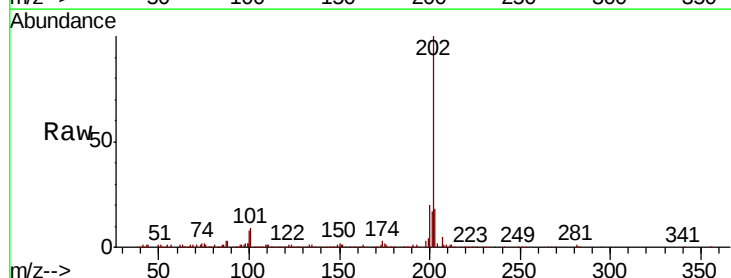
Instrument :
 BNA_M
 ClientSampleId :
 DBFQ9

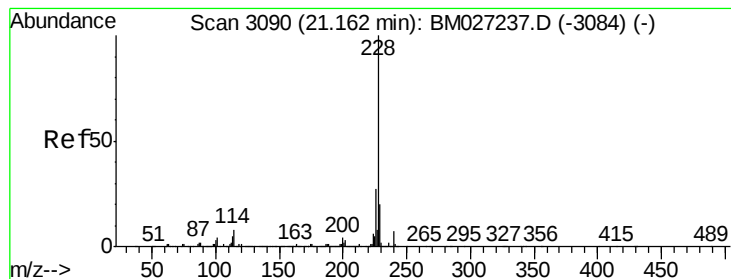
Tot Ion:202	Resp:	294030
Ion Ratio	Lower	Upper
202	100	
101	7.8	6.4 9.6
100	6.0	5.0 7.6



#80
 Pyrene
 Concen: 2.196 ng/ul
 RT: 19.41 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BM027239.D
 Acq: 26 Aug 2020 08:13

Tgt Ion:202	Resp:	252283
Ion Ratio	Lower	Upper
202	100	
101	9.2	8.0 12.0
100	7.7	6.8 10.2





#83

Benzo(a)anthracene

Concen: 1.515 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM027239.D

Acq: 26 Aug 2020 08:13

Instrument :

BNA_M

ClientSampled :

DBFQ9

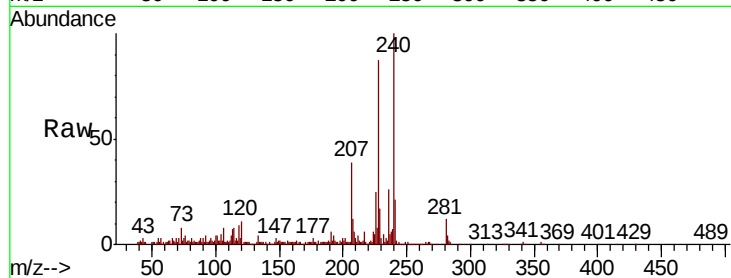
Tot Ion:228 Resp: 149599

Ion Ratio Lower Upper

228 100

229 19.3 15.5 23.3

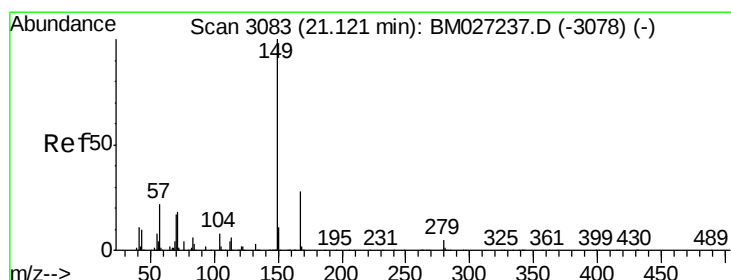
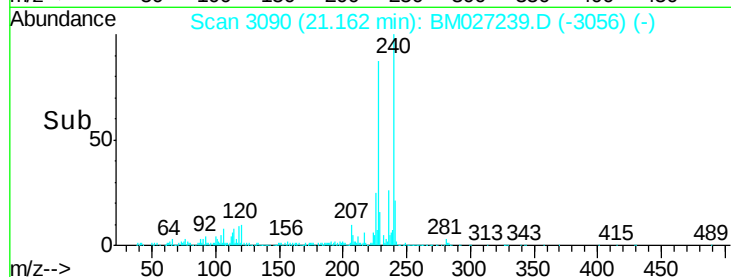
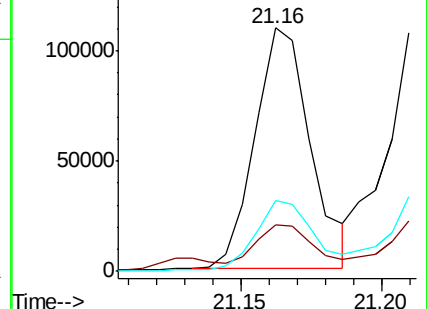
226 29.0 21.1 31.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.203 ng/ul

RT: 21.12 min Scan# 3083

Delta R.T. 0.00 min

Lab File: BM027239.D

Acq: 26 Aug 2020 08:13

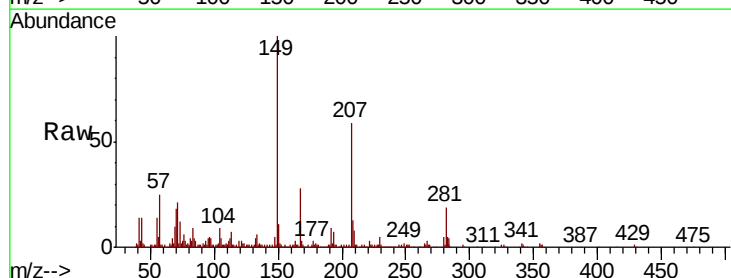
Tgt Ion:149 Resp: 73885

Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

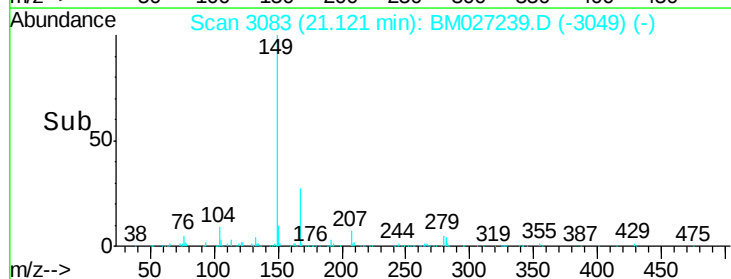
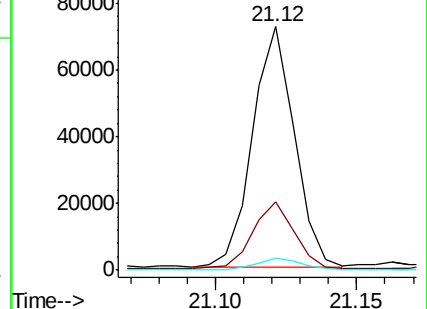
279 4.8 3.8 5.8

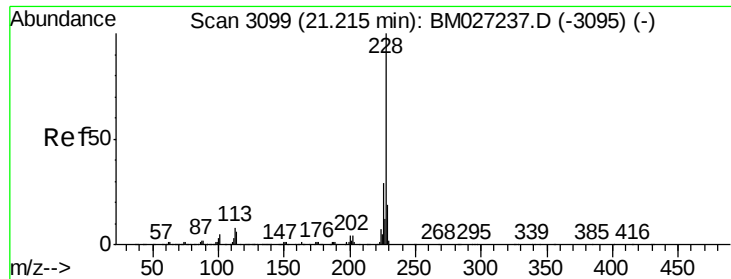


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 1.846 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM027239.D

Acq: 26 Aug 2020 08:13

Instrument :

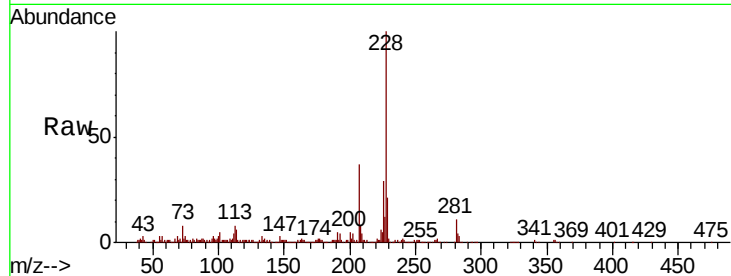
BNA_M

ClientSampleId :

DBFQ9

Tot Ion:228 Resp: 174580

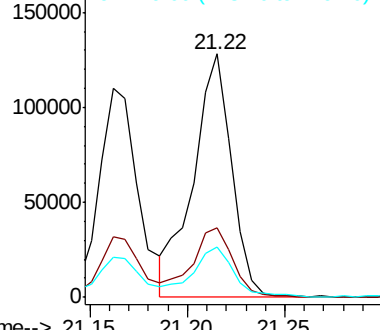
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.1	34.7
229	20.8	15.5	23.3



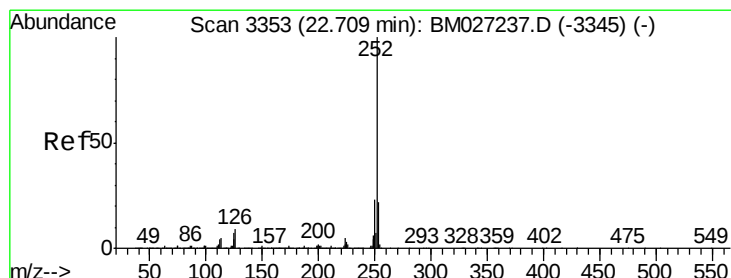
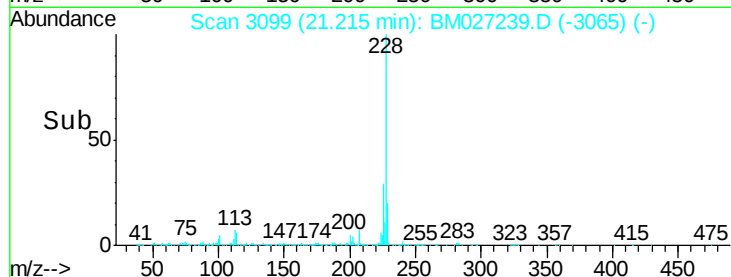
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.15 21.20 21.25



#88

Benzo(b)fluoranthene

Concen: 2.441 ng/ul

RT: 22.71 min Scan# 3353

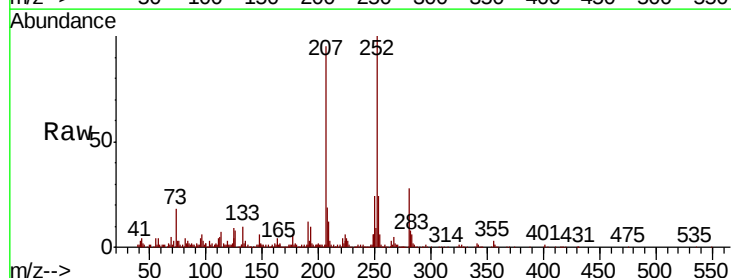
Delta R.T. 0.00 min

Lab File: BM027239.D

Acq: 26 Aug 2020 08:13

Tgt Ion:252 Resp: 223347

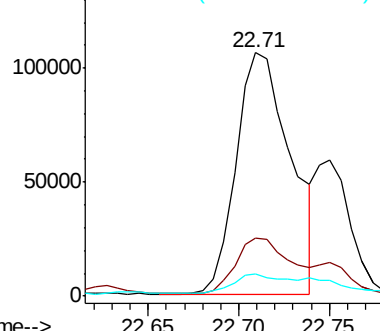
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	9.1	5.6	8.4



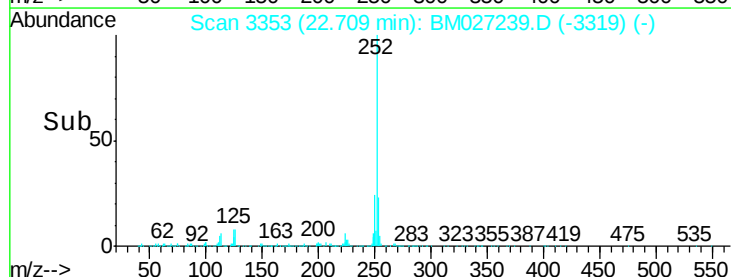
Abundance Ion 252.00 (251.70 to 252.70): E

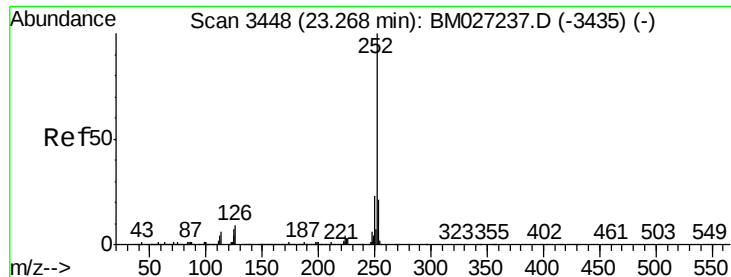
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.65 22.70 22.75





#91

Benzo(a)pyrene

Concen: 1.518 ng/ul

RT: 23.26 min Scan# 3447

Delta R.T. -0.01 min

Lab File: BM027239.D

Acq: 26 Aug 2020 08:13

Instrument :

BNA_M

ClientSampleId :

DBFQ9

Tot Ion:252 Resp: 121941

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

125 9.5 6.0 9.0#

