

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027369.D
 Acq On : 10 Sep 2020 11:55
 Operator : JU/CG
 Sample : L3855-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW269

Quant Time: Sep 10 12:27:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 10 09:59:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	163534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	660088	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	464356	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1075428	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1247008	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1144434	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	8623	2.35	ng/uL	0.00
5) Phenol-d5	6.75	99	161682	11.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	126636	14.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	132250	13.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	97168	8.84	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	68069	13.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	73602	13.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	142476	12.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	131116	9.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	549473	14.87	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	622171	14.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	58574	9.00	ng/ul	0.00
58) Fluorene-d10	15.20	176	480572	14.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	67760	9.85	ng/ul	0.00
71) Anthracene-d10	17.05	188	723276	14.22	ng/ul	0.00
79) Pyrene-d10	19.36	212	971935	17.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	905447	14.75	ng/ul	0.00

Target Compounds

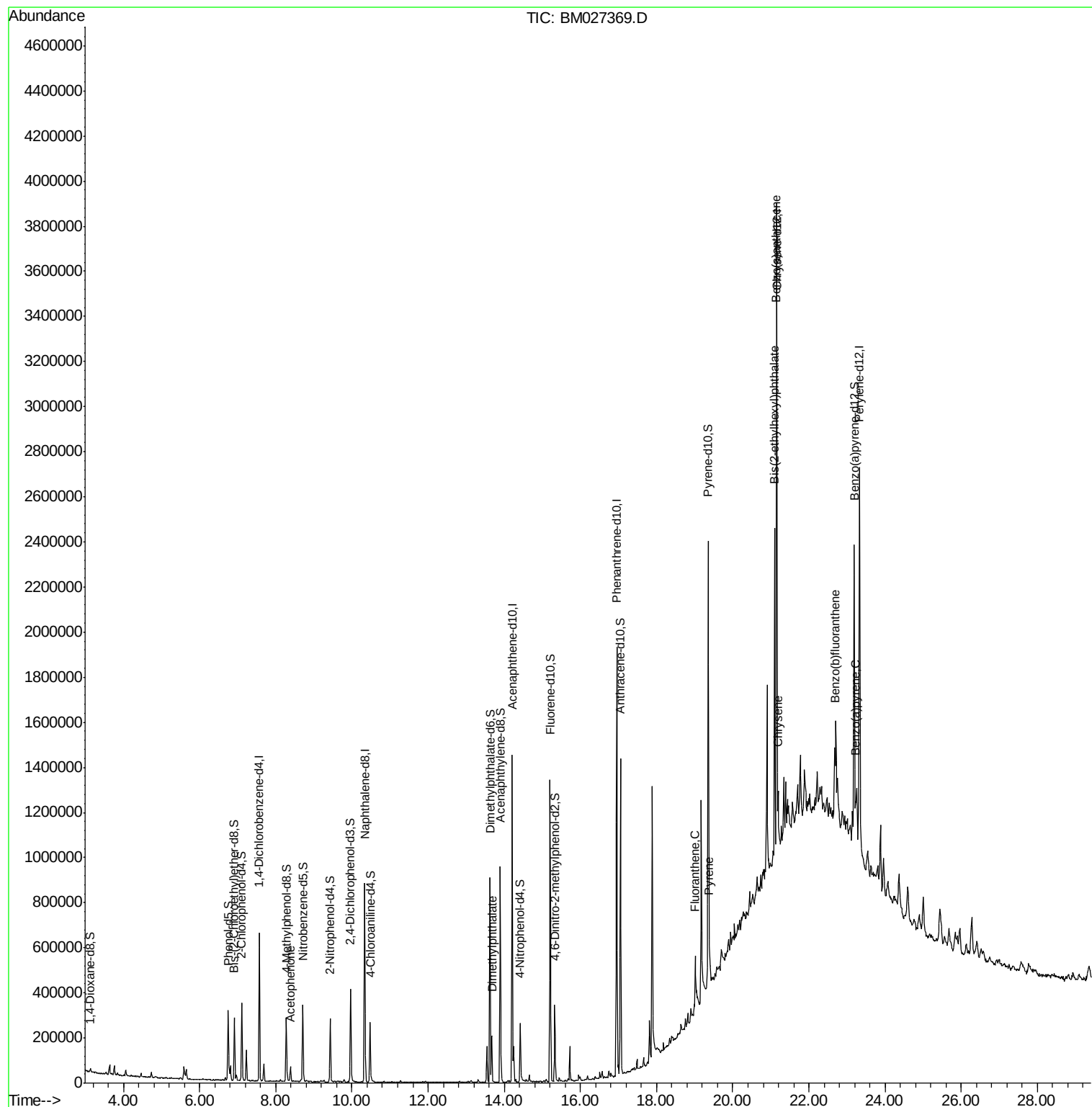
					Ovalue
14) Acetophenone	8.39	105	34477	1.869 ng/ul	97
45) Dimethylphthalate	13.67	163	121006	3.108 ng/ul	99
77) Fluoranthene	19.02	202	114189	1.505 ng/ul	98
80) Pyrene	19.39	202	115471	1.531 ng/ul	99
83) Benzo(a)anthracene	21.14	228	110767	1.371 ng/ul#	94
84) Bis(2-ethylhexyl)phthalate	21.10	149	476208	10.586 ng/ul	99
85) Chrysene	21.19	228	141055	1.767 ng/ul#	95
88) Benzo(b)fluoranthene	22.69	252	190233	2.518 ng/ul#	93
91) Benzo(a)pyrene	23.23	252	106245	1.507 ng/ul#	87

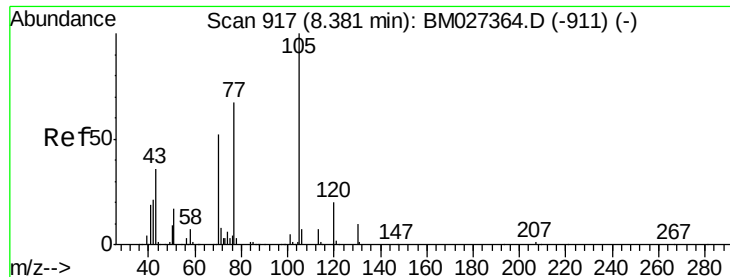
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.869 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. 0.01 min

Lab File: BM027369.D

Acq: 10 Sep 2020 11:55

Instrument :

BNA_M

ClientSampleId :

EW269

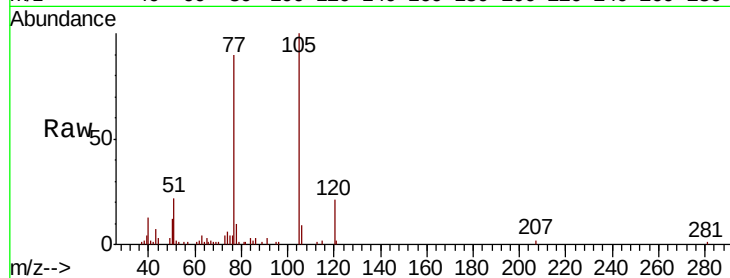
Tot Ion:105 Resp: 34477

Ion Ratio Lower Upper

105 100

77 89.8 74.4 111.6

51 22.1 19.2 28.8



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

8.39

25000

20000

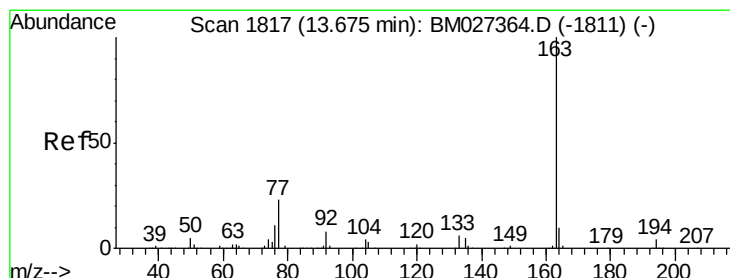
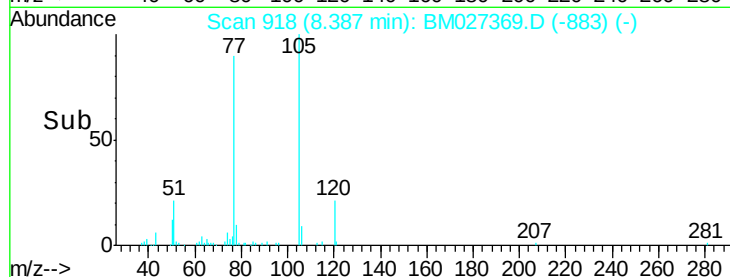
15000

10000

5000

0

Time--> 8.30 8.35 8.40 8.45



#45

Dimethylphthalate

Concen: 3.108 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BM027369.D

Acq: 10 Sep 2020 11:55

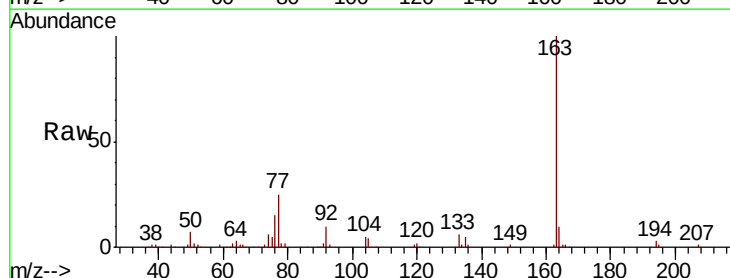
Tgt Ion:163 Resp: 121006

Ion Ratio Lower Upper

163 100

194 3.4 3.3 4.9

164 9.7 8.1 12.1



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

120000

100000

80000

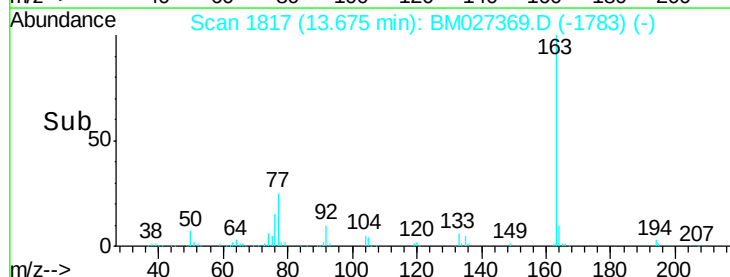
60000

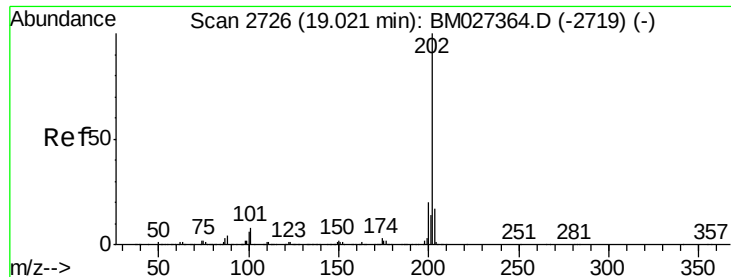
40000

20000

0

Time--> 13.60 13.65 13.70 13.75

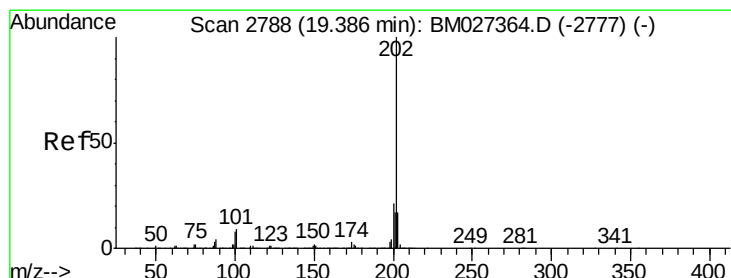
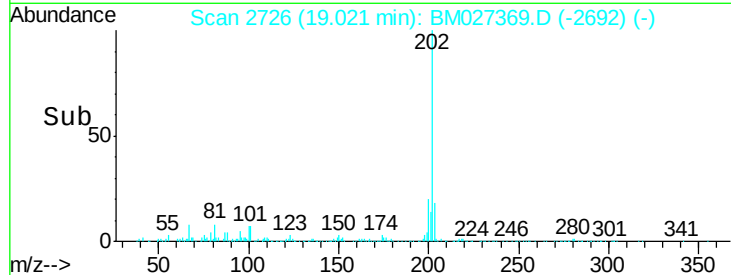
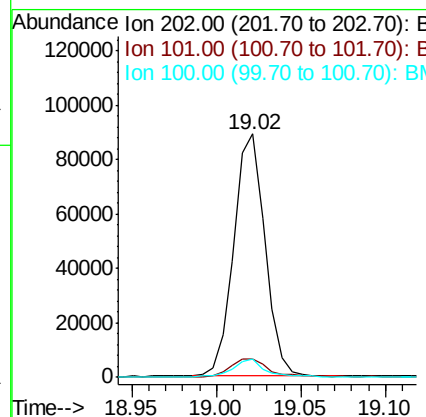
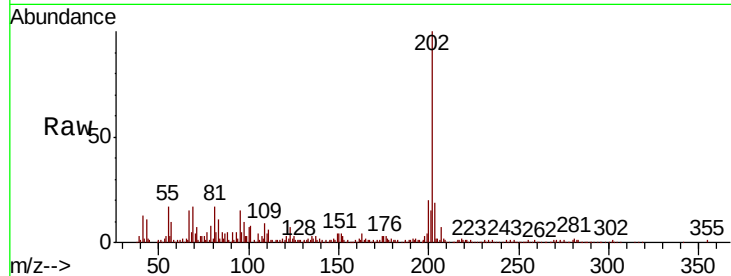




#77
 Fluoranthene
 Concen: 1.505 ng/ul
 RT: 19.02 min Scan# 2726
 Delta R.T. 0.00 min
 Lab File: BM027369.D
 Acq: 10 Sep 2020 11:55

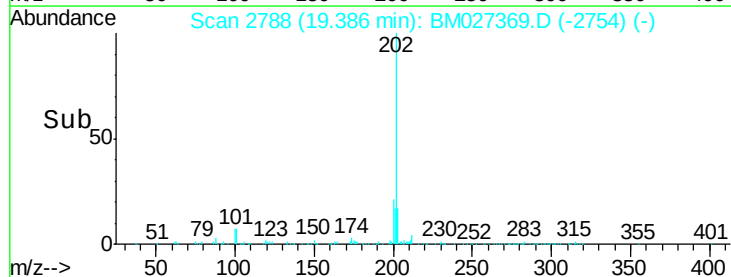
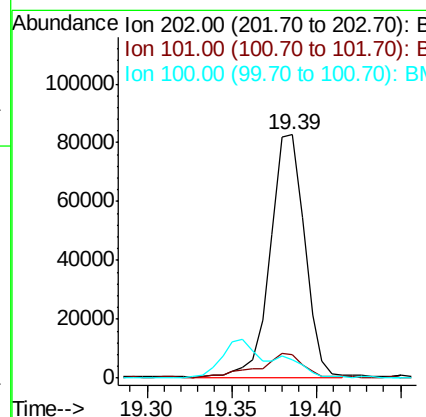
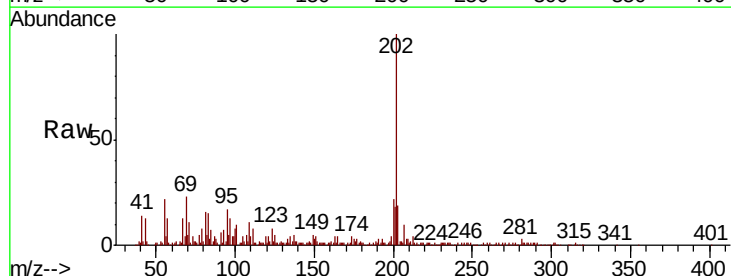
Instrument :
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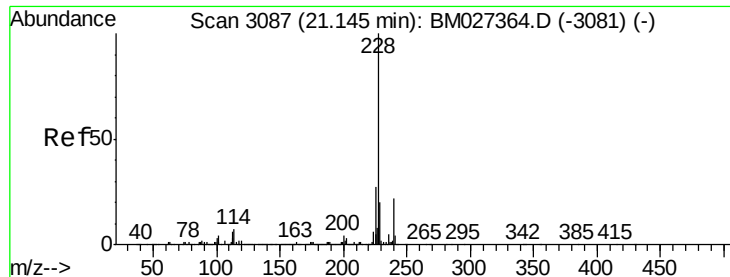
Tot Ion:	202	Resp:	114189
Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.2	9.2
100	7.5	5.0	7.6



#80
 Pyrene
 Concen: 1.531 ng/ul
 RT: 19.39 min Scan# 2788
 Delta R.T. 0.00 min
 Lab File: BM027369.D
 Acq: 10 Sep 2020 11:55

Tgt Ion:	202	Resp:	115471
Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.1	10.7
100	7.8	6.1	9.1





#83

Benzo(a)anthracene

Concen: 1.371 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM027369.D

Acq: 10 Sep 2020 11:55

Instrument :

BNA_M

ClientSampleId :

EW269

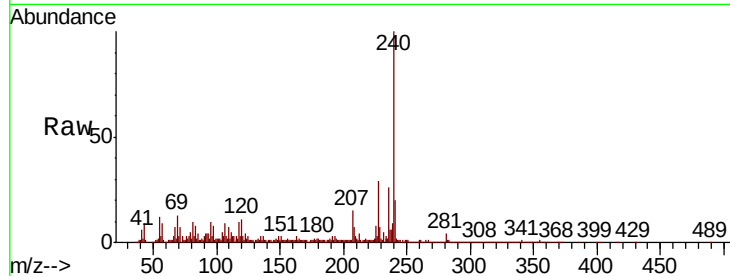
Tot Ion:228 Resp: 110767

Ion Ratio Lower Upper

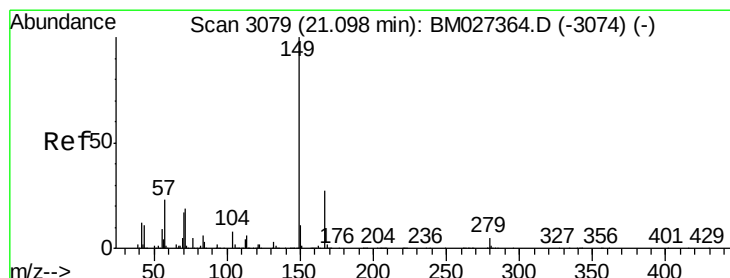
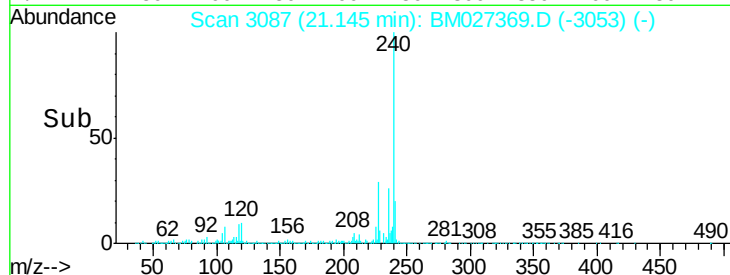
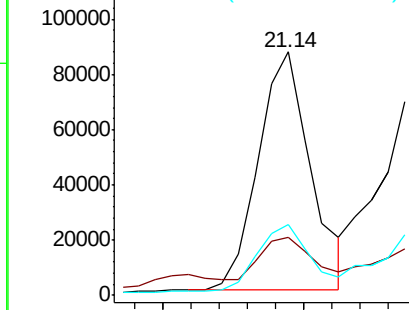
228 100

229 23.9 15.8 23.6#

226 28.9 21.5 32.3



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: 10.586 ng/ul

RT: 21.10 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM027369.D

Acq: 10 Sep 2020 11:55

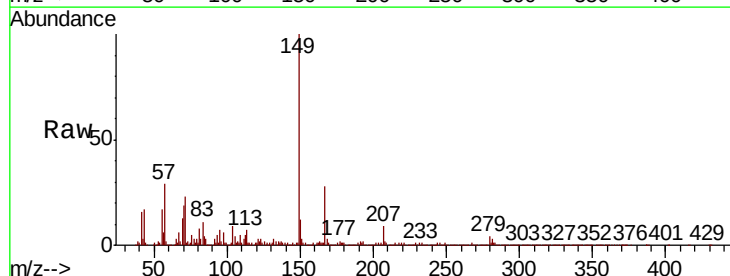
Tgt Ion:149 Resp: 476208

Ion Ratio Lower Upper

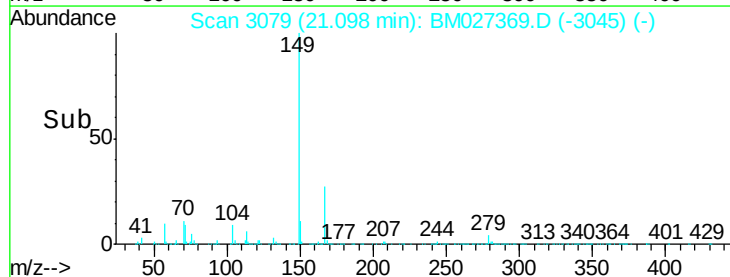
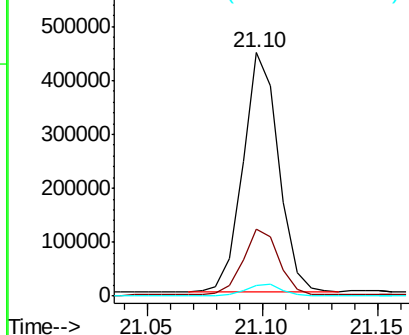
149 100

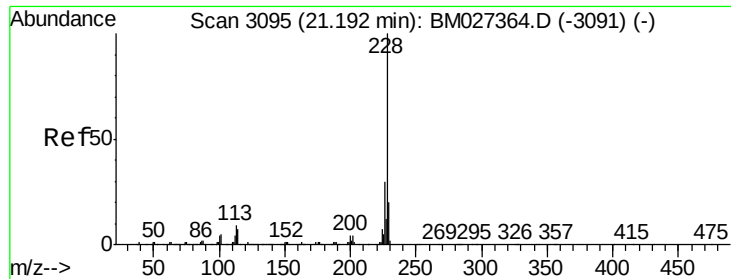
167 27.5 21.7 32.5

279 4.4 3.9 5.9



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: 1.767 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM027369.D

Acq: 10 Sep 2020 11:55

Instrument :

BNA_M

ClientSampleId :

EW269

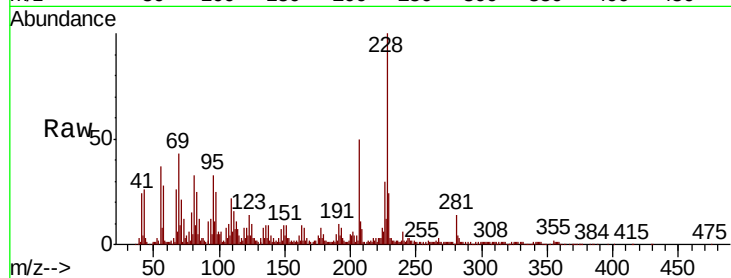
Tot Ion:228 Resp: 141055

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

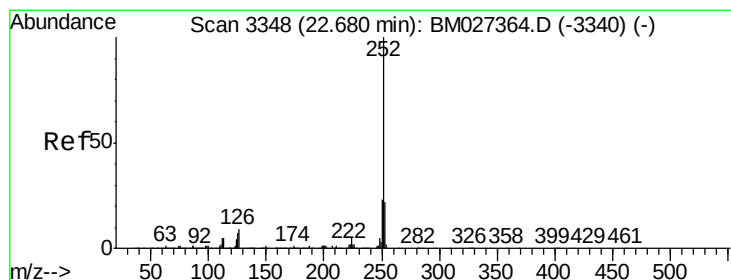
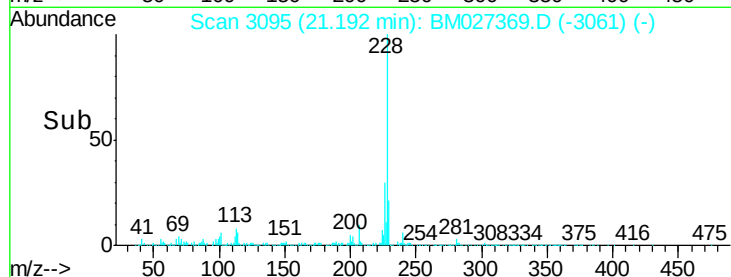
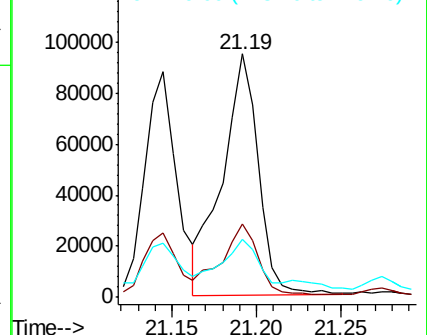
229 24.1 15.8 23.8#



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



#88

Benzo(b)fluoranthene

Concen: 2.518 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BM027369.D

Acq: 10 Sep 2020 11:55

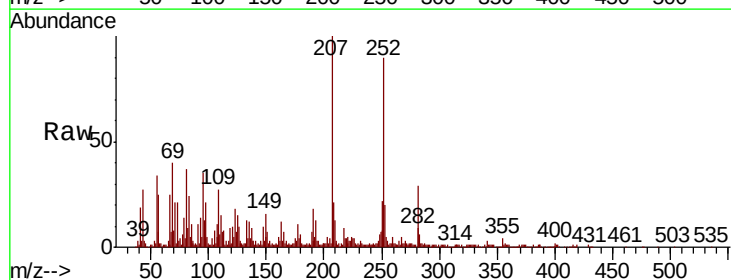
Tgt Ion:252 Resp: 190233

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

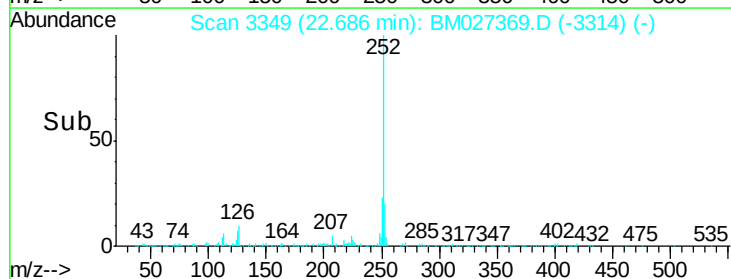
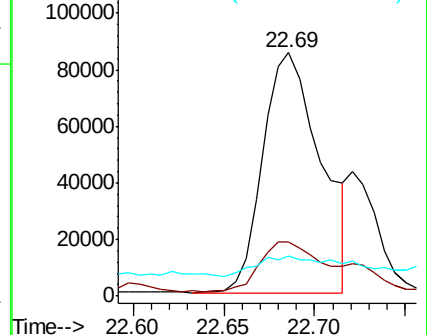
125 16.4 5.1 7.7#

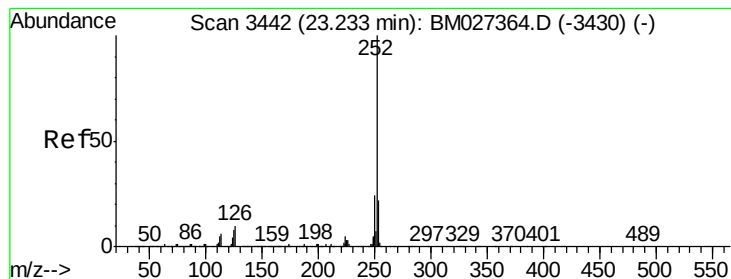


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.507 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. 0.00 min

Lab File: BM027369.D

Acq: 10 Sep 2020 11:55

Instrument :

BNA_M

ClientSampleId :

EW269

Tot Ion: 252 Resp: 106245

Ion Ratio Lower Upper

252 100

253 25.4 17.5 26.3

125 18.8 6.6 10.0

