

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027063.D
 Acq On : 13 Aug 2020 16:25
 Operator : JU/CG
 Sample : L3630-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFM78

Manual Integrations
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Quant Time: Aug 13 17:03:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	118884	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	429172	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	268808	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	570417	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	639084	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	653989	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7459	2.85	ng/uL	0.00
5) Phenol-d5	6.82	99	150020	16.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	109921	17.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	121724	16.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	116777	16.20	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	57331	16.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	61098	17.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	126168	17.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	141474	16.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	405345	18.91	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	458125	17.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	48378	13.37	ng/ul	0.00
58) Fluorene-d10	15.27	176	333852	17.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	42237	13.56	ng/ul	0.00
71) Anthracene-d10	17.12	188	500047	17.79	ng/ul	0.00
79) Pyrene-d10	19.42	212	558717	17.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	635218	17.40	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	104015	4.630	ng/ul 99
48) Acenaphthylene	13.99	152	26372	1.016	ng/ul 95
70) Phenanthrene	17.06	178	367644	10.751	ng/ul 99
72) Anthracene	17.15	178	88531	2.544	ng/ul 98
75) Carbazole	17.42	167	33293	1.134	ng/ul 99
77) Fluoranthene	19.08	202	670105	16.160	ng/ul 99
80) Pyrene	19.44	202	586090	13.511	ng/ul 99
83) Benzo(a)anthracene	21.20	228	363638	8.452	ng/ul 94
85) Chrysene	21.24	228	348795	8.259	ng/ul 98
88) Benzo(b)fluoranthene	22.76	252	468195	10.310	ng/ul 99
89) Benzo(k)fluoranthene	22.79	252	140254m	3.116	ng/ul
91) Benzo(a)pyrene	23.31	252	297557	7.200	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.60	276	202402	3.801	ng/ul 98
93) Dibenzo(a,h)anthracene	25.60	278	61071	1.354	ng/ul# 89
94) Benzo(g,h,i)perylene	26.26	276	167986	3.819	ng/ul 99

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

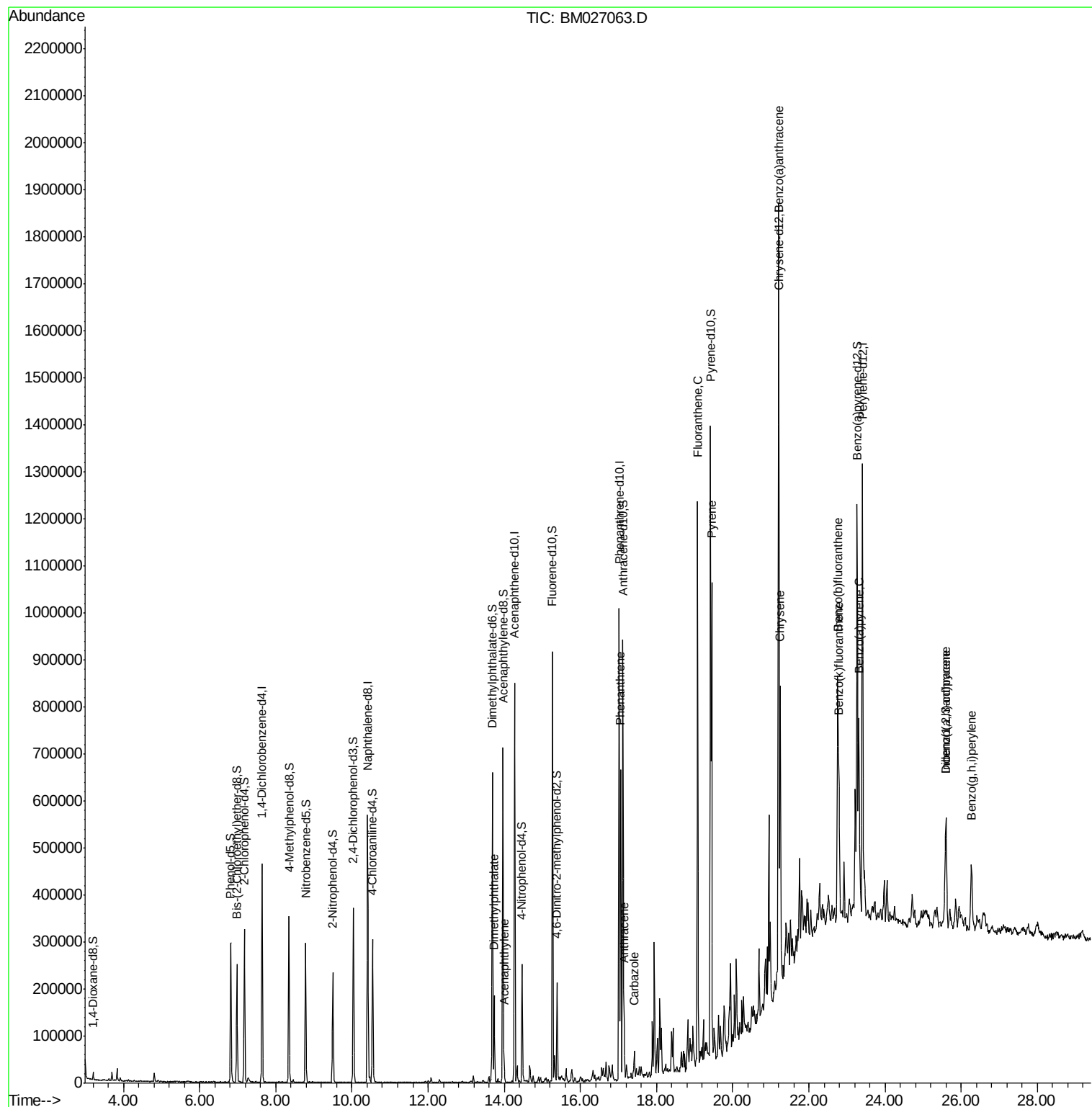
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027063.D
Acq On : 13 Aug 2020 16:25
Operator : JU/CG
Sample : L3630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

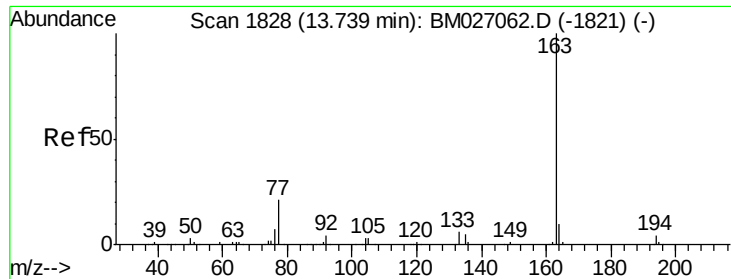
Instrument :
BNA_M
ClientSampled :
BFM78

Quant Time: Aug 13 17:03:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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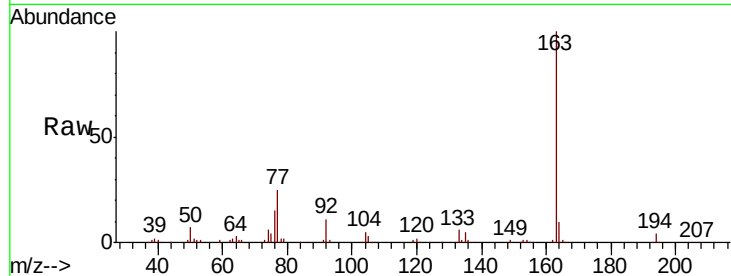
#45
Dimethylphthalate
Concen: 4.630 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027063.D
Acq: 13 Aug 2020 16:25

Instrument :
BNA_M
ClientSampled :
BFM78

Tot Ion	Ratio	Resp	Lower	Upper
163	100	104015		
194	3.5		3.2	4.8
164	10.3		8.2	12.2

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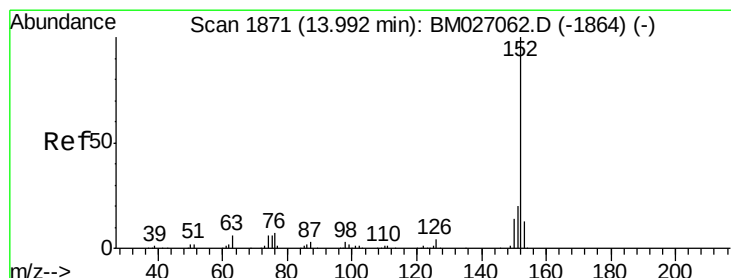
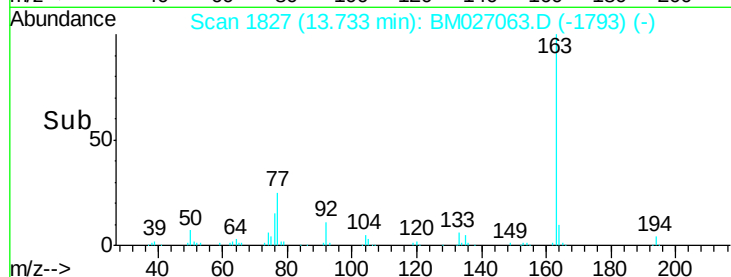
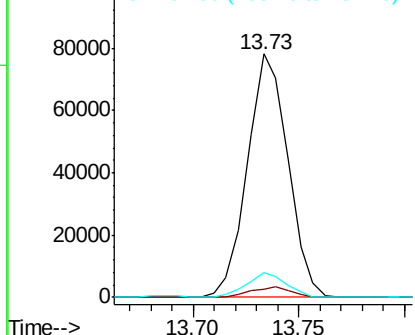


Abundance

Ion 163.00 (162.70 to 163.70): E

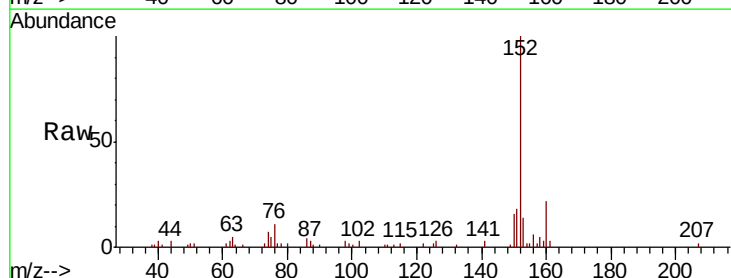
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 1.016 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BM027063.D
Acq: 13 Aug 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	26372		
151	17.6		15.9	23.9
153	14.0		9.8	14.8

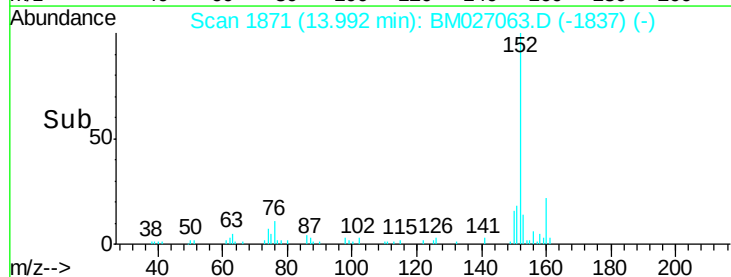
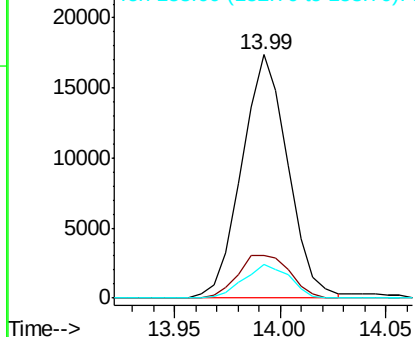


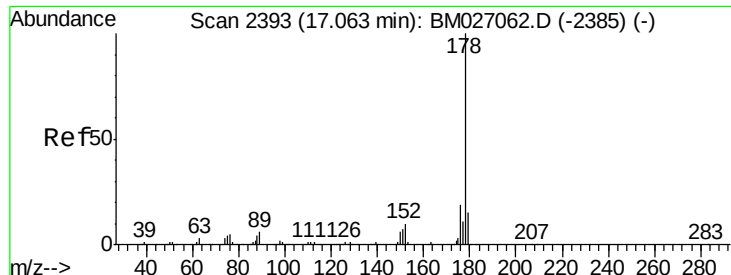
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





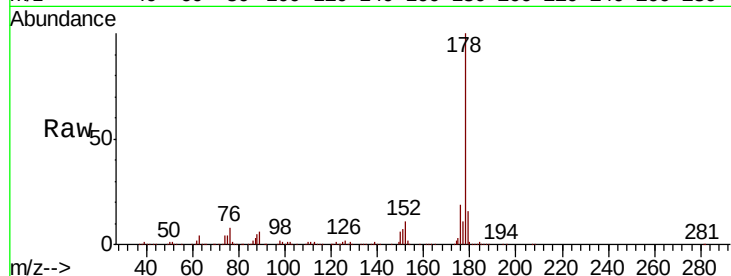
#70
Phenanthrene
Concen: 10.751 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027063.D
Acq: 13 Aug 2020 16:25

Instrument :
BNA_M
ClientSampled :
BFM78

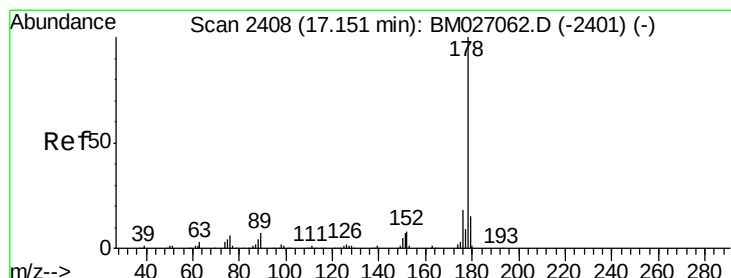
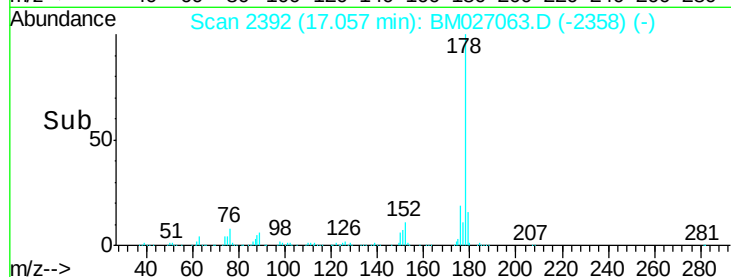
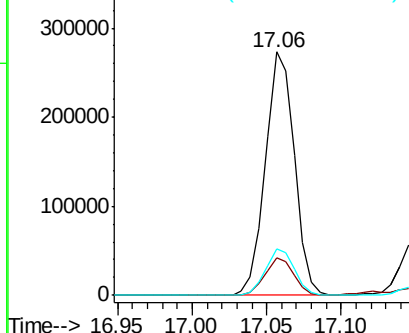
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	18.9	14.6	22.0

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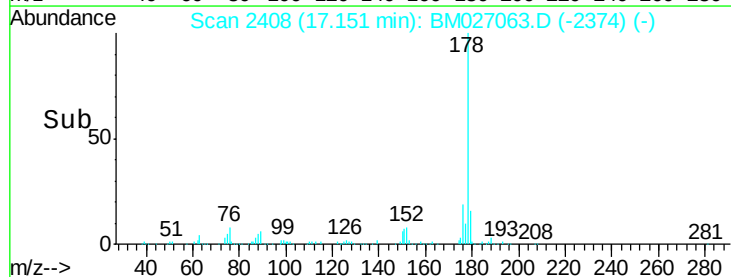
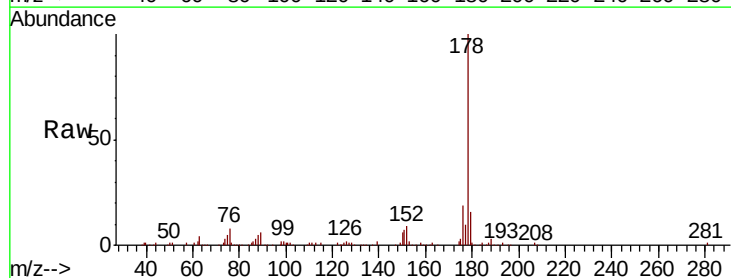
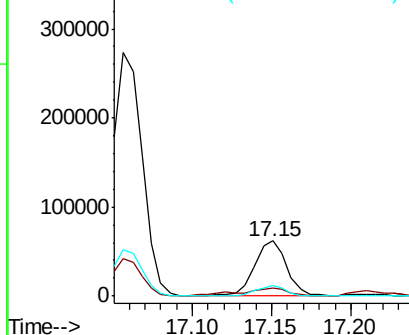
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

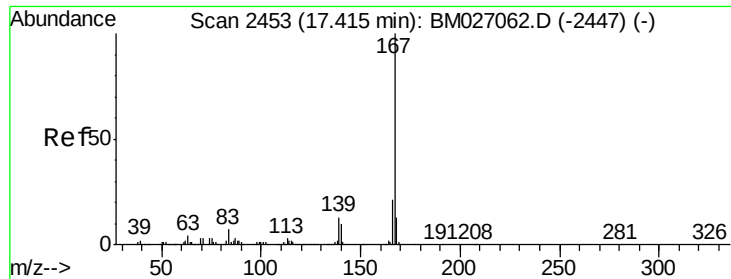


#72
Anthracene
Concen: 2.544 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM027063.D
Acq: 13 Aug 2020 16:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.0	18.0
176	18.8	14.3	21.5

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





#75

Carbazole

Concen: 1.134 ng/ul

RT: 17.42 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BM027063.D

Acq: 13 Aug 2020 16:25

Instrument :

BNA_M

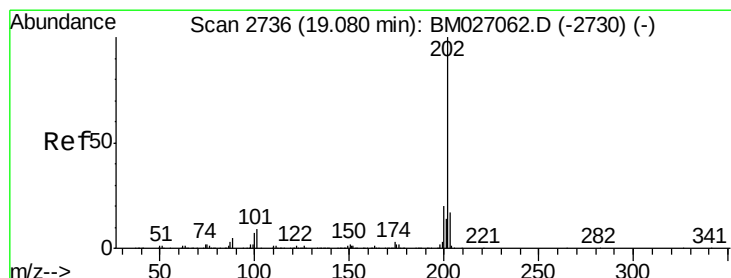
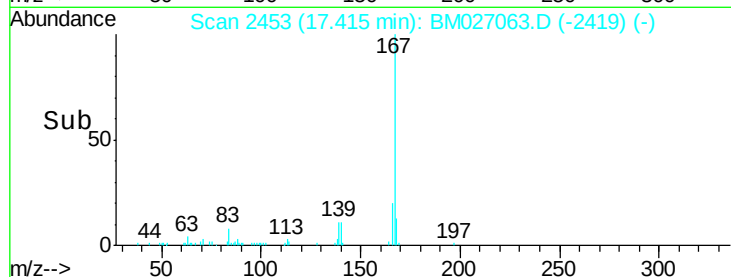
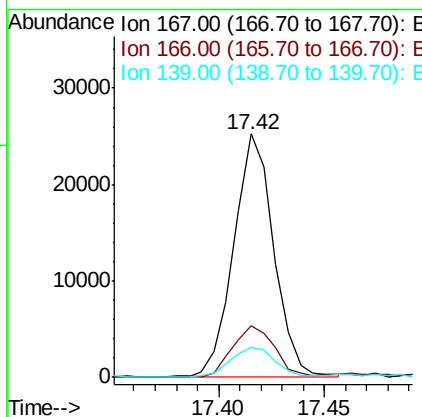
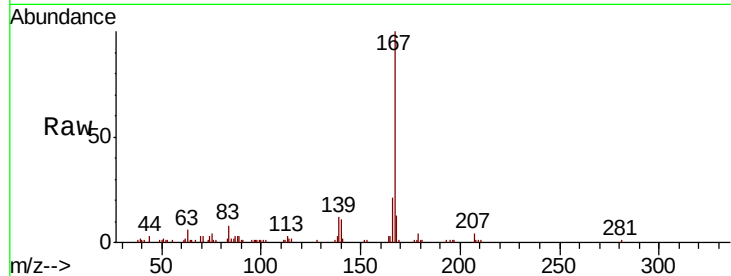
ClientSampleId :

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Tot Ion:	167	Resp:	33293
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.0	25.6
139	12.1	9.8	14.6

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#77

Fluoranthene

Concen: 16.160 ng/ul

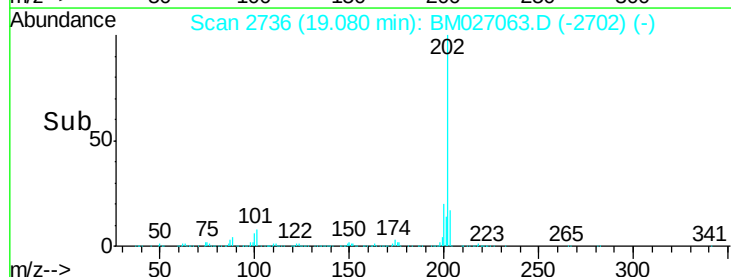
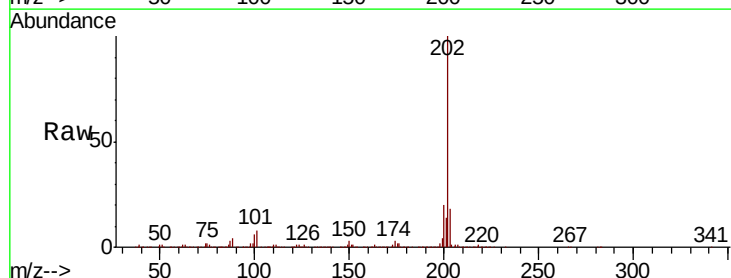
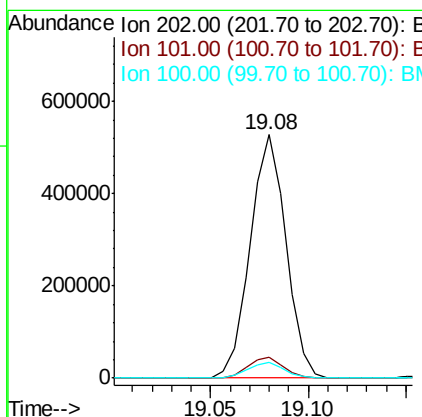
RT: 19.08 min Scan# 2736

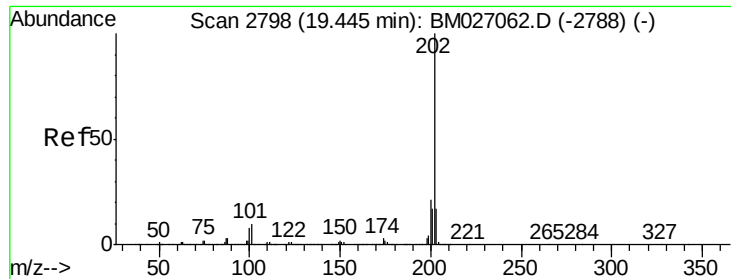
Delta R.T. -0.00 min

Lab File: BM027063.D

Acq: 13 Aug 2020 16:25

Tgt Ion:	202	Resp:	670105
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.7	10.1
100	6.4	5.4	8.2





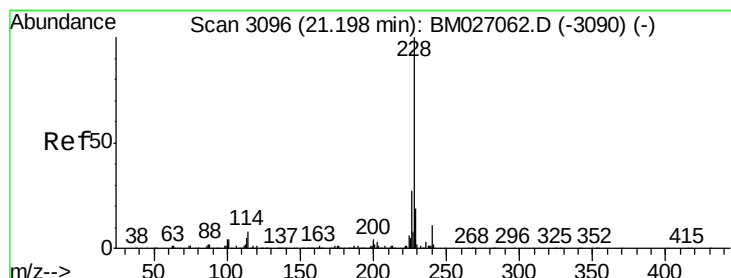
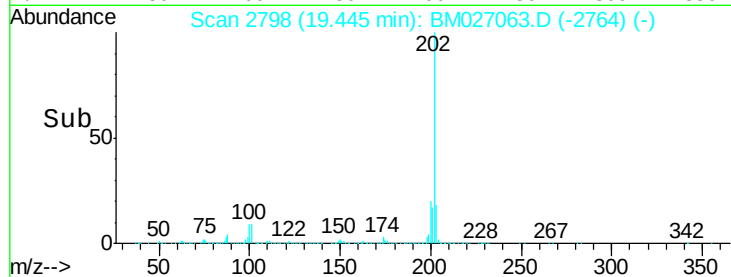
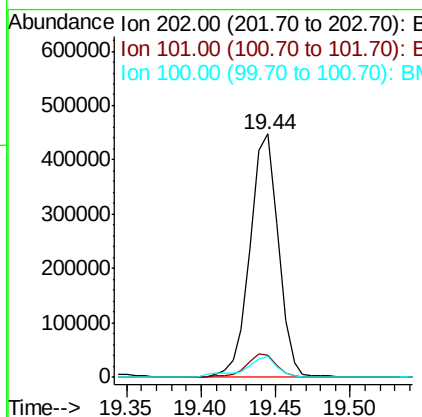
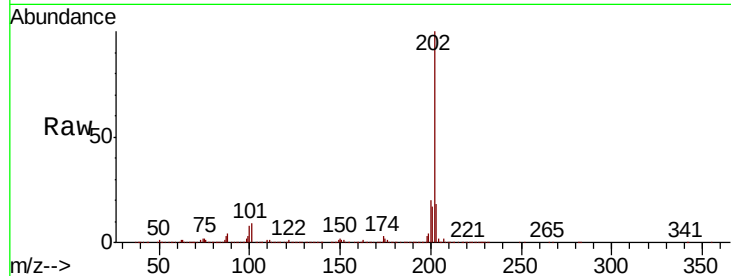
#80
 Pvrene
 Concen: 13.511 ng/ul
 RT: 19.44 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BM027063.D
 Acq: 13 Aug 2020 16:25

Instrument :
 BNA_M
 ClientSampleId :
 BFM78

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		586090		
101	9.3	7.6	11.4		
100	8.5	6.3	9.5		

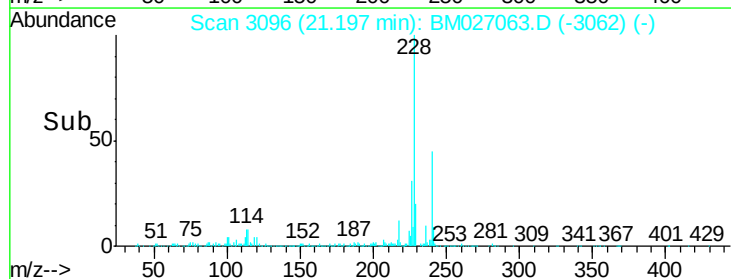
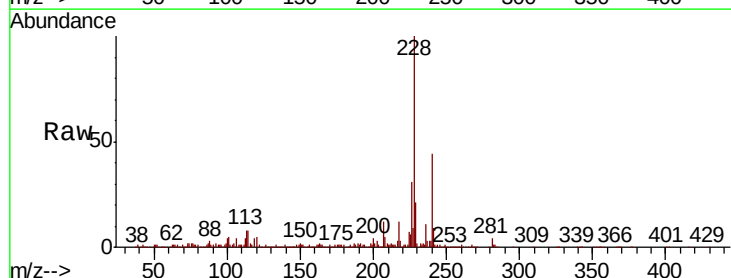
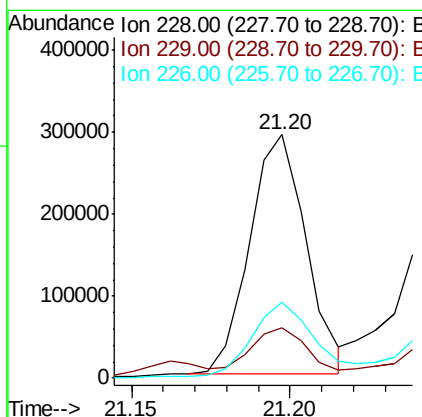
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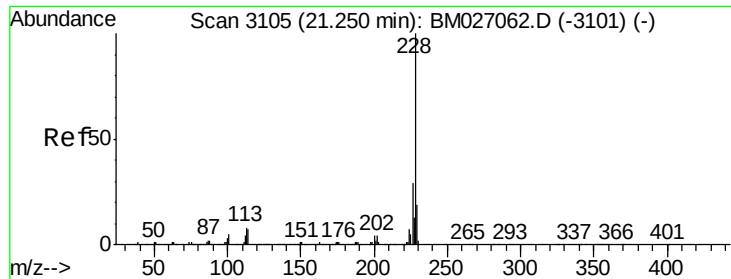
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#83
 Benzo(a)anthracene
 Concen: 8.452 ng/ul
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BM027063.D
 Acq: 13 Aug 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		363638		
229	20.8	15.8	23.6		
226	31.0	21.2	31.8		





#85

Chrysene

Concen: 8.259 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM027063.D

Acq: 13 Aug 2020 16:25

Instrument :

BNA_M

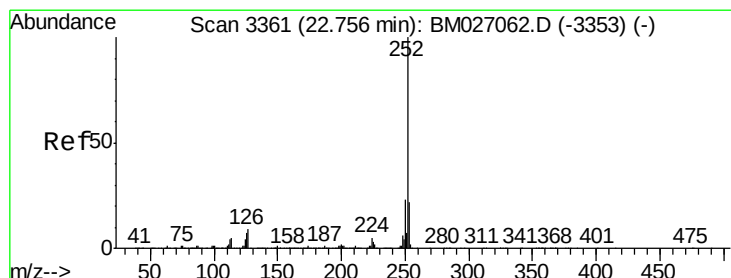
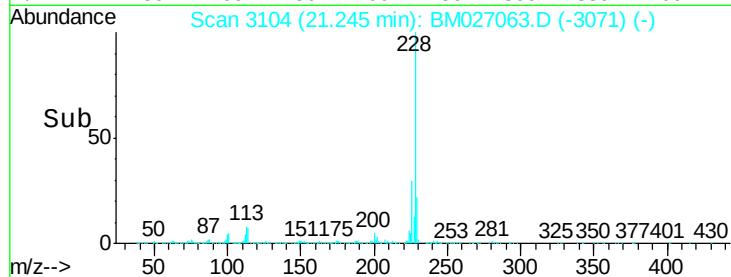
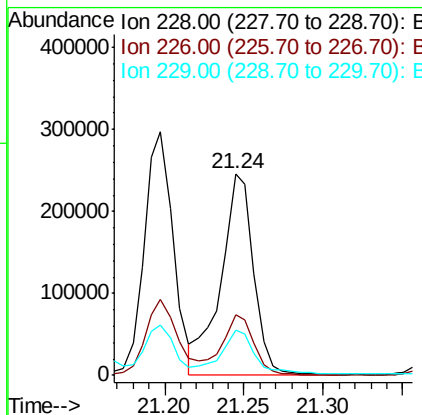
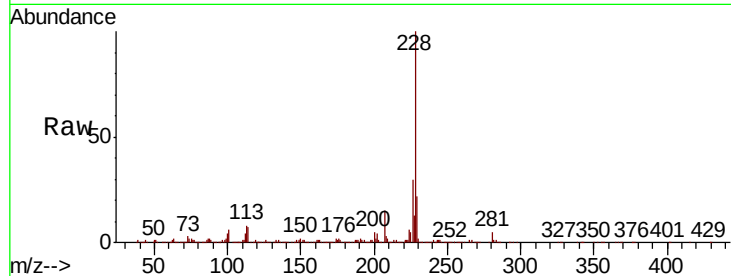
ClientSampleId :

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Tot Ion:	228	Resp:	348795
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.6
229	22.2	15.8	23.8

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#88

Benzo(b)fluoranthene

Concen: 10.310 ng/ul

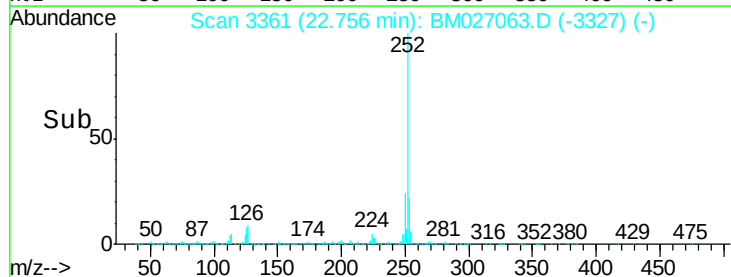
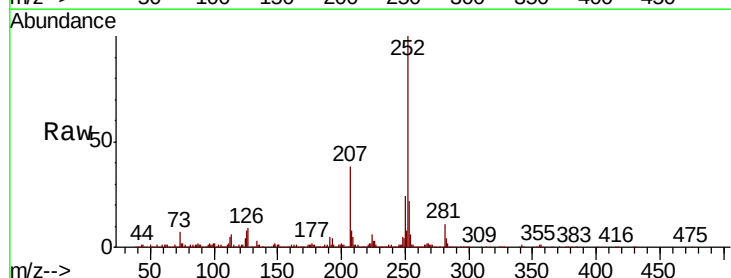
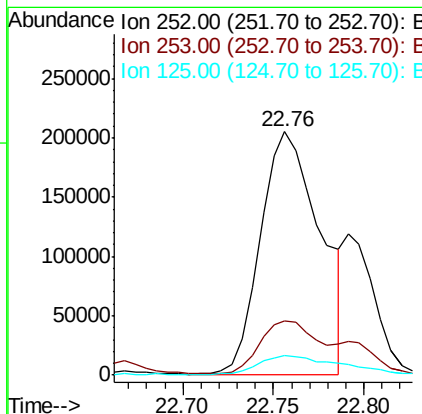
RT: 22.76 min Scan# 3361

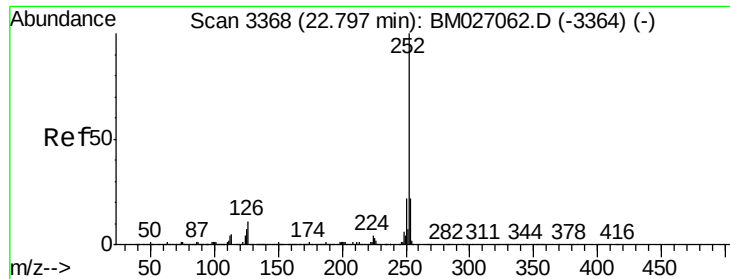
Delta R.T. -0.00 min

Lab File: BM027063.D

Acq: 13 Aug 2020 16:25

Tgt Ion:	252	Resp:	468195
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	7.9	6.0	9.0





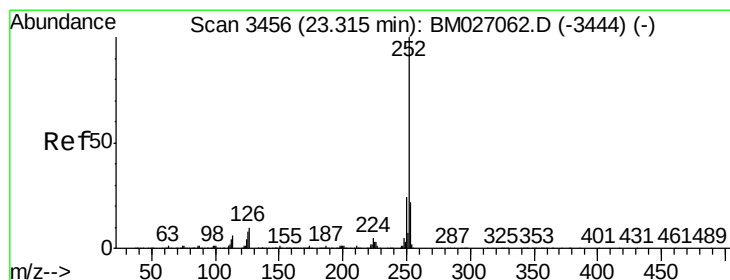
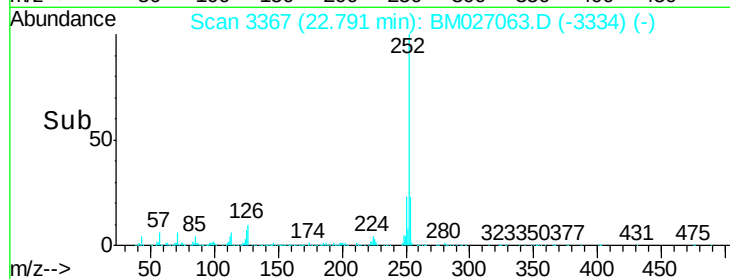
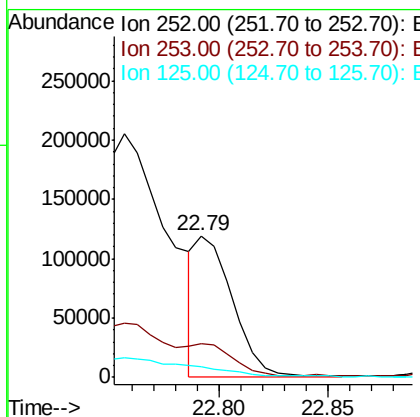
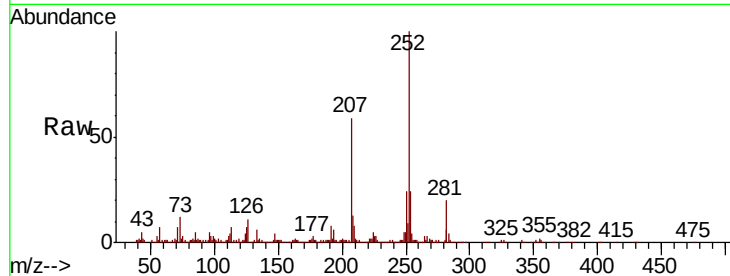
#89
Benzo(k)fluoranthene
Concen: 3.116 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM027063.D
Acq: 13 Aug 2020 16:25

Instrument :
BNA_M
ClientSampled :
BFM78

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	7.4	5.5	8.3

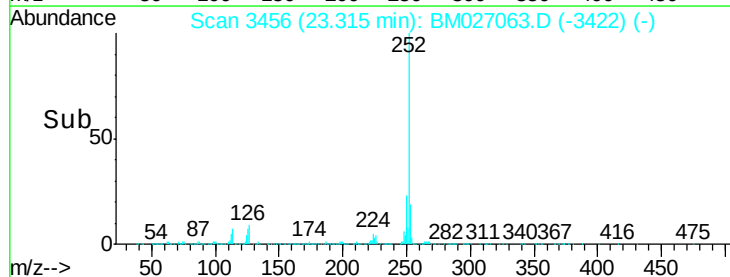
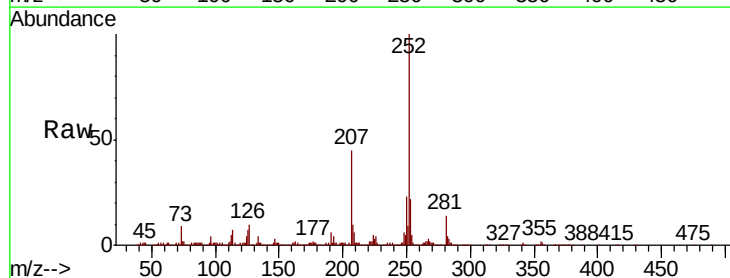
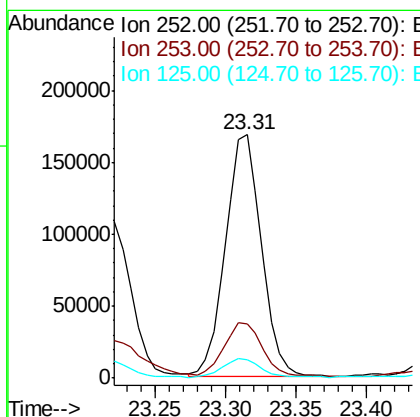
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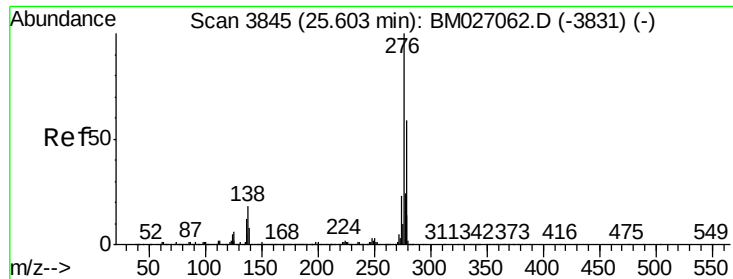
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#91
Benzo(a)pyrene
Concen: 7.200 ng/ul
RT: 23.31 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM027063.D
Acq: 13 Aug 2020 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	7.3	5.8	8.8





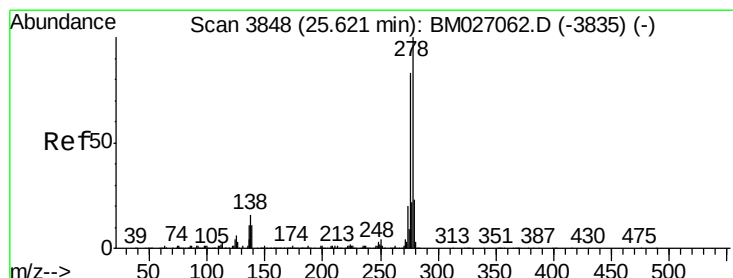
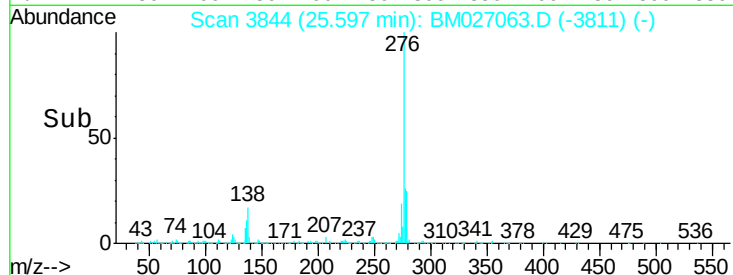
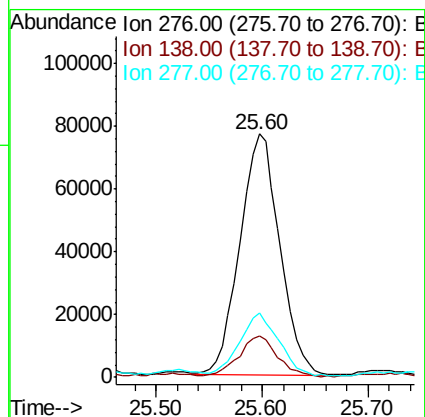
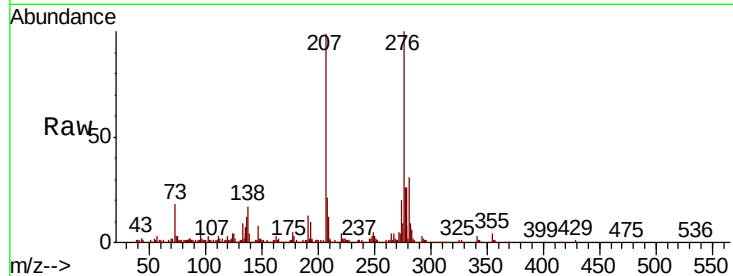
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.801 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BM027063.D
Acq: 13 Aug 2020 16:25

Instrument :
BNA_M
ClientSampled :
BFM78

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	13.9	20.9
277	26.2	19.8	29.8

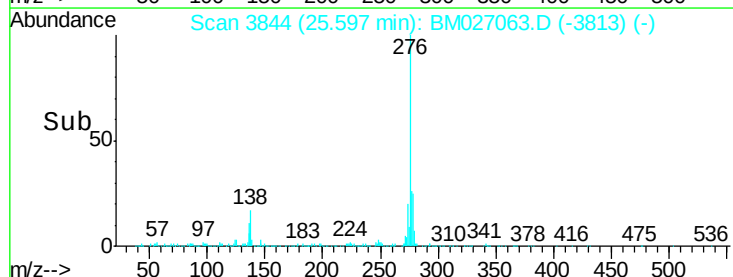
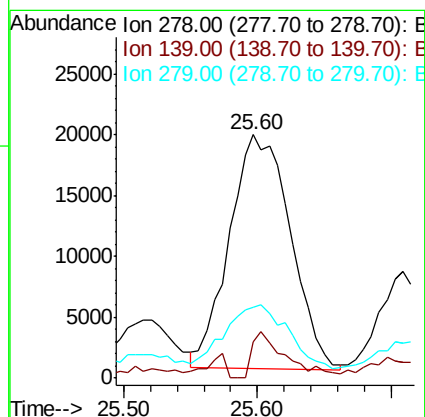
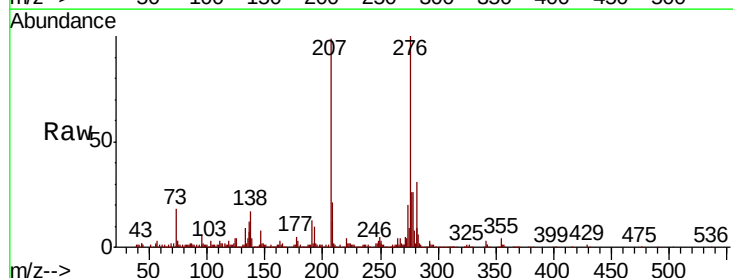
Manual Integrations
APPROVED

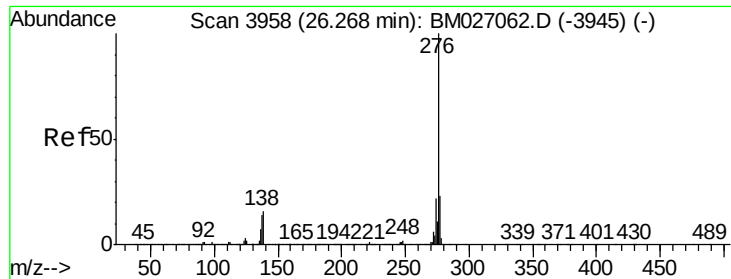
Sohil
8/14/2020 2:54:10 PM



#93
Dibenzo(a,h)anthracene
Concen: 1.354 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BM027063.D
Acq: 13 Aug 2020 16:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	9.4	14.0#
279	29.3	18.7	28.1#





#94
 Benzo(a,h,i)perylene
 Concen: 3.819 ng/ul
 RT: 26.26 min Scan# 3957
 Delta R.T. -0.01 min
 Lab File: BM027063.D
 Acq: 13 Aug 2020 16:25

Instrument :
 BNA_M
 ClientSampled :
 BFM78

Tot Ion:	276	Resp:	167986
Ion Ratio	Lower	Upper	
276	100		
138	15.2	12.3	18.5
277	24.4	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:54:10 PM

