

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027068.D
 Acq On : 13 Aug 2020 19:27
 Operator : JU/CG
 Sample : L3630-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFML3

Manual Integrations
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 8/14/2020 2:54:14 PM

Quant Time: Aug 14 01:55:30 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	118336	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	447289	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	280265	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	593638	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	610199	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	622521	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9957	3.82	ng/uL	0.00
5) Phenol-d5	6.82	99	274684	29.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	181182	28.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	214168	29.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	205999	28.72	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	101028	28.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	111283	30.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	235662	30.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	207792	23.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	649953	29.08	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	795834	29.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	103578	27.45	ng/ul	0.00
58) Fluorene-d10	15.27	176	591585	30.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	76008	23.44	ng/ul	0.00
71) Anthracene-d10	17.12	188	895271	30.61	ng/ul	0.00
79) Pyrene-d10	19.42	212	1027016	33.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1113775	32.05	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.74	163	244441	10.437	ng/ul	98
70) Phenanthrene	17.06	178	241147	6.776	ng/ul	99
72) Anthracene	17.15	178	39228m	1.083	ng/ul	
77) Fluoranthene	19.08	202	390117	9.040	ng/ul	99
80) Pyrene	19.44	202	358860	8.664	ng/ul	99
83) Benzo(a)anthracene	21.20	228	162703	3.961	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.16	149	39865	1.733	ng/ul	97
85) Chrysene	21.25	228	202496	5.022	ng/ul	96
88) Benzo(b)fluoranthene	22.76	252	276024	6.385	ng/ul	96
89) Benzo(k)fluoranthene	22.80	252	86561m	2.020	ng/ul	
91) Benzo(a)pyrene	23.32	252	178733	4.543	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.60	276	136880	2.700	ng/ul	96
94) Benzo(g,h,i)perylene	26.27	276	108880	2.600	ng/ul	95

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

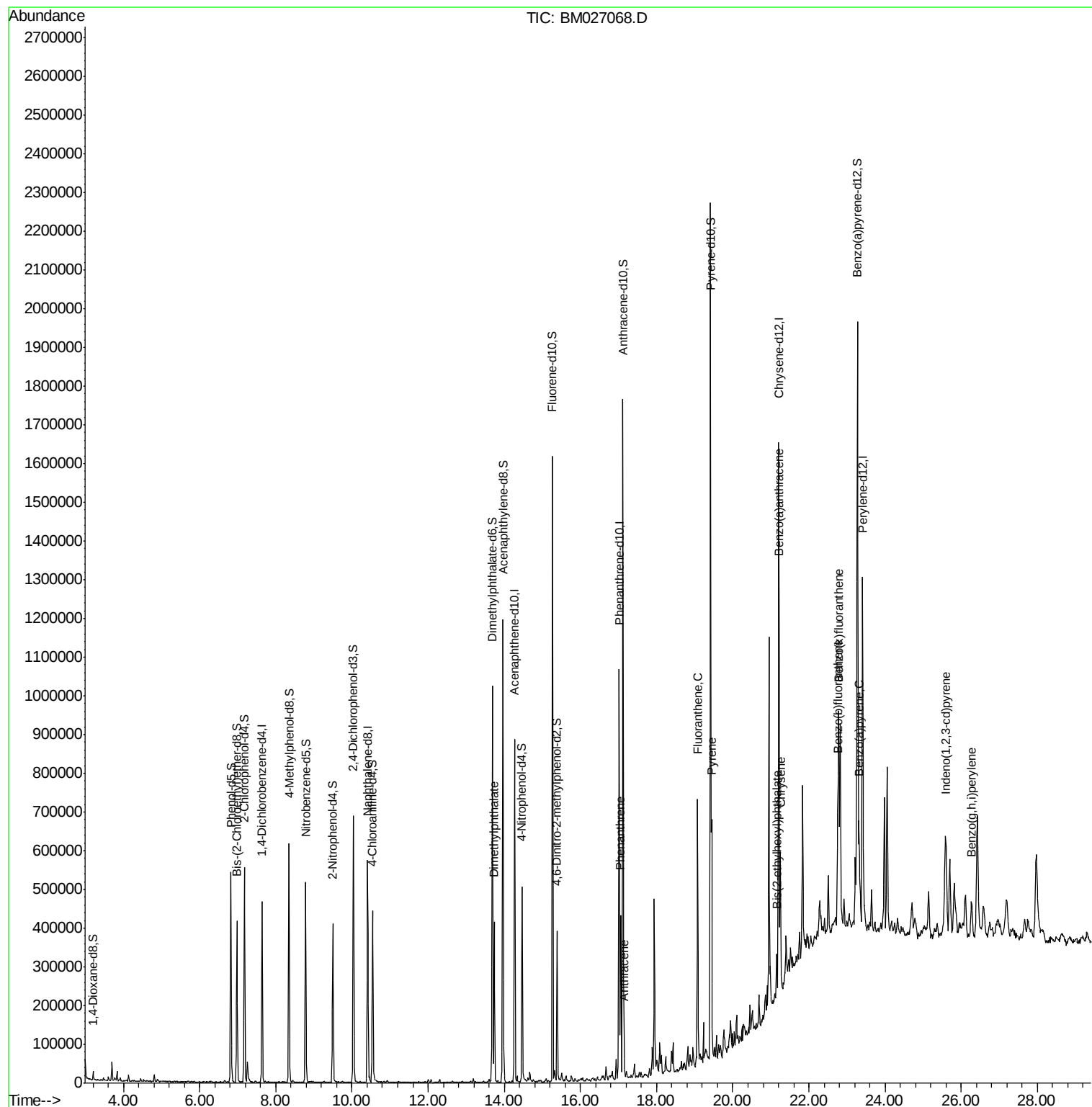
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027068.D
Acq On : 13 Aug 2020 19:27
Operator : JU/CG
Sample : L3630-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

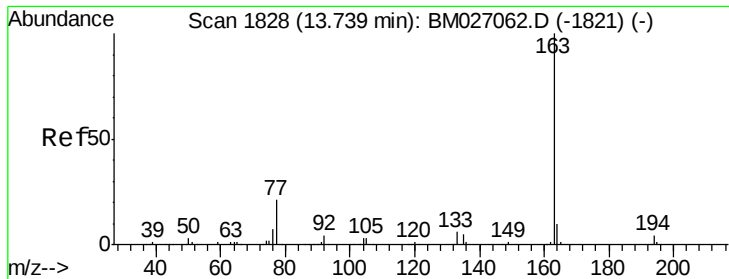
Instrument :
BNA_M
ClientSampled :
BFML3

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Quant Time: Aug 14 01:55:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
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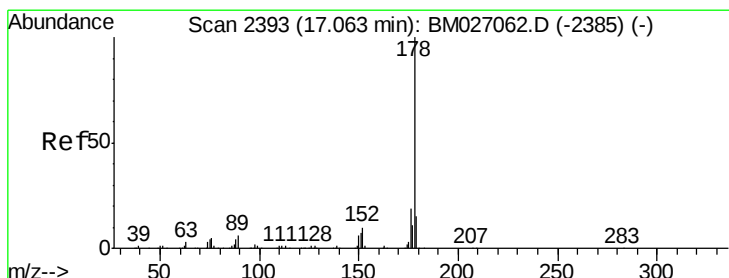
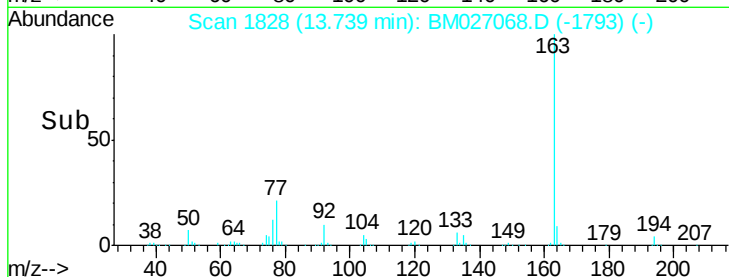
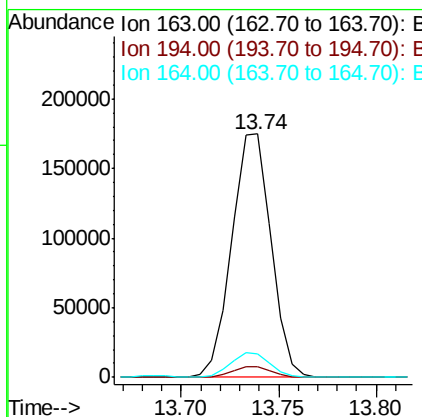
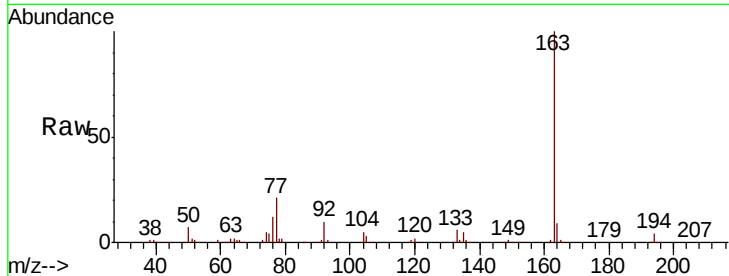
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Dimethylphthalate
Concen: 10.437 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BM027068.D
Acq: 13 Aug 2020 19:27

Instrument :
BNA_M
ClientSampleId :
BFML3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		244441		
194	4.3		3.2	4.8	
164	9.4		8.2	12.2	

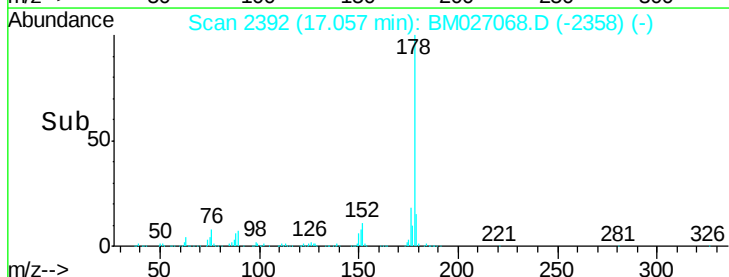
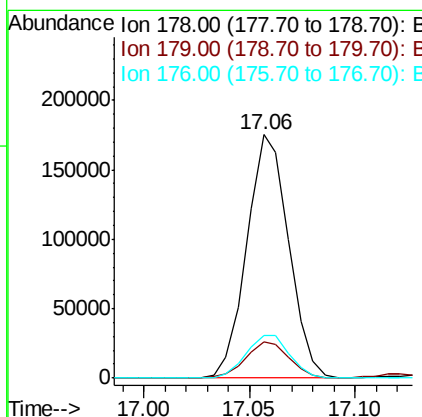
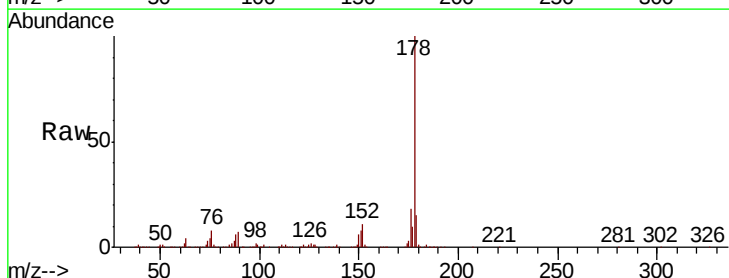
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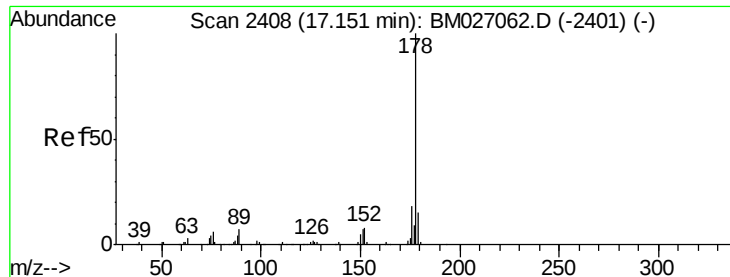
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#70
Phenanthrene
Concen: 6.776 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM027068.D
Acq: 13 Aug 2020 19:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		241147		
179	14.8		11.9	17.9	
176	17.7		14.6	22.0	





#72

Anthracene

Concen: 1.083 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

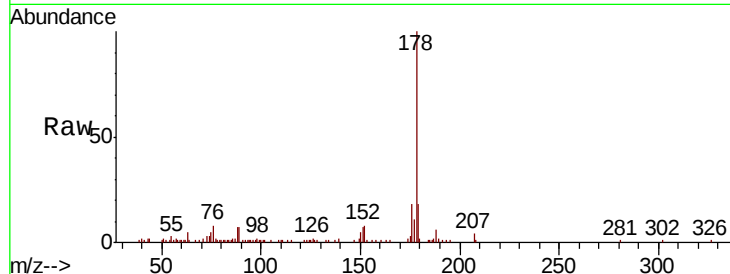
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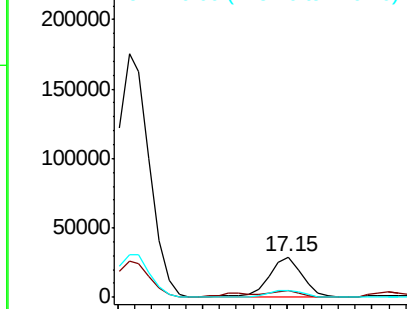
Tot Ion:	178	Resp:	39228
Ion Ratio	Lower	Upper	
178	100		
179	18.3	12.0	18.0#
176	18.2	14.3	21.5

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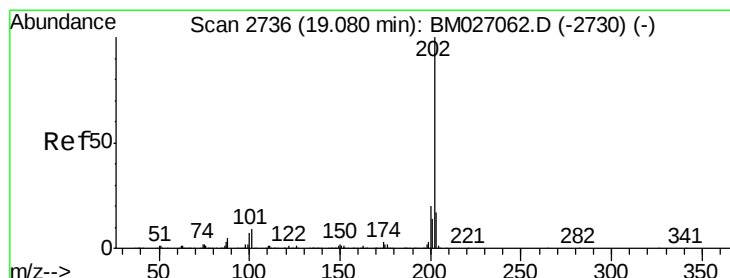
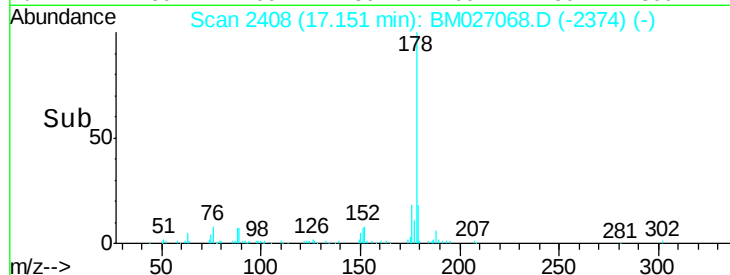
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.05 17.10 17.15 17.20



#77

Fluoranthene

Concen: 9.040 ng/ul

RT: 19.08 min Scan# 2736

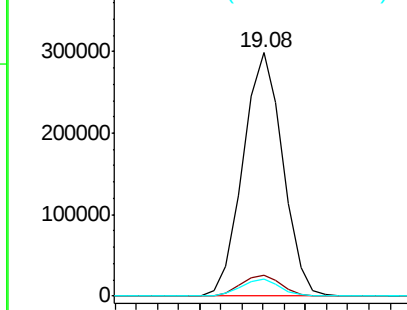
Delta R.T. 0.00 min

Lab File: BM027068.D

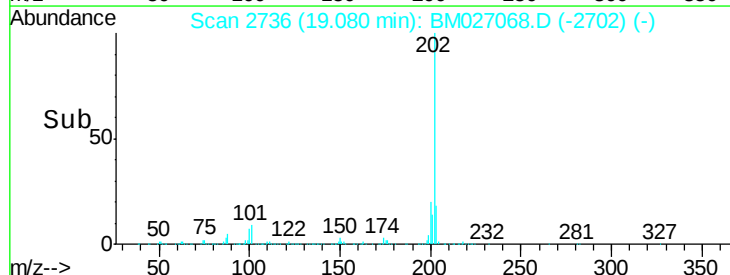
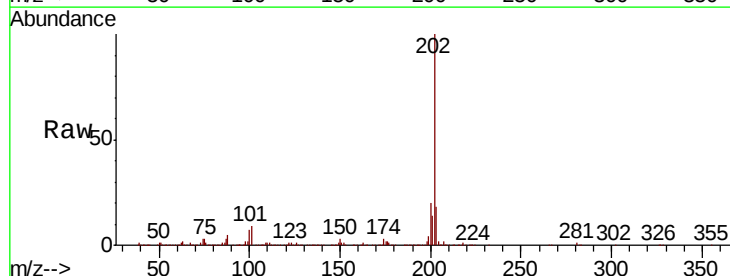
Acq: 13 Aug 2020 19:27

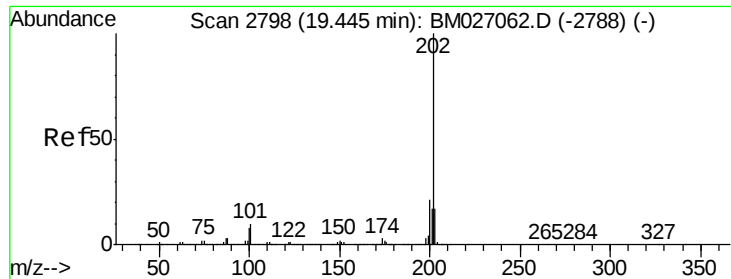
Tgt Ion:	202	Resp:	390117
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.7	10.1
100	7.1	5.4	8.2

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



Time--> 19.05 19.10





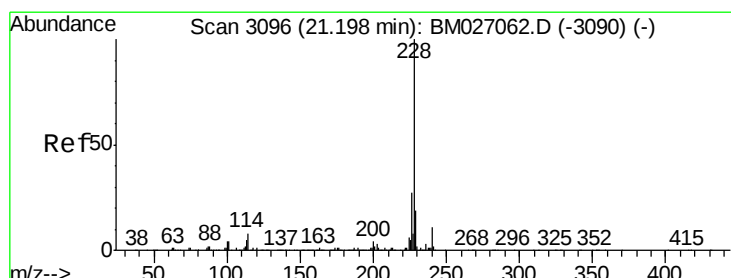
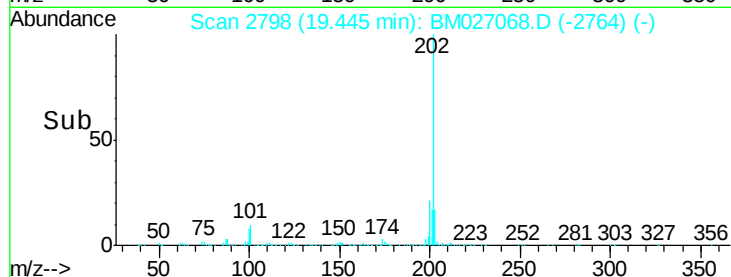
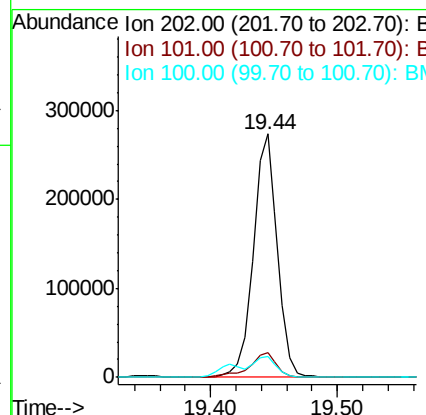
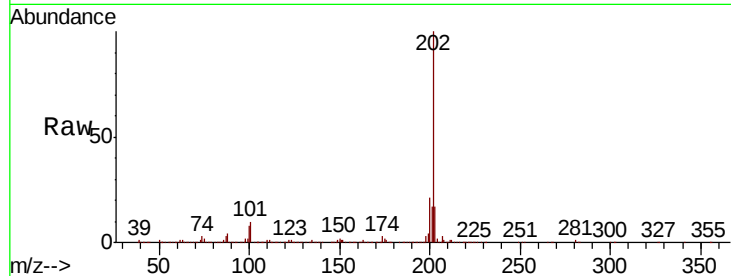
#80
Pvrene
Concen: 8.664 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM027068.D
Acq: 13 Aug 2020 19:27

Instrument :
BNA_M
ClientSampleId :
BFML3

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.0	7.6	11.4	
100	8.4	6.3	9.5	

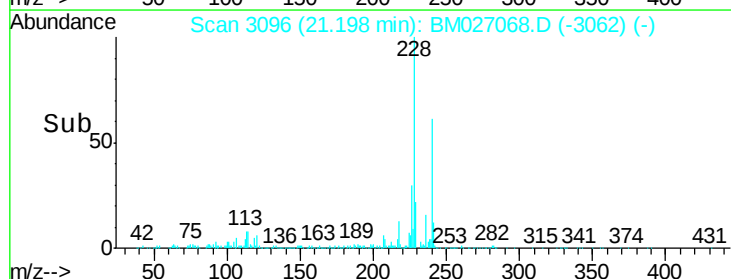
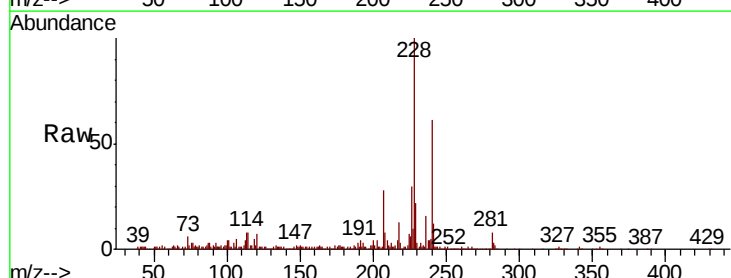
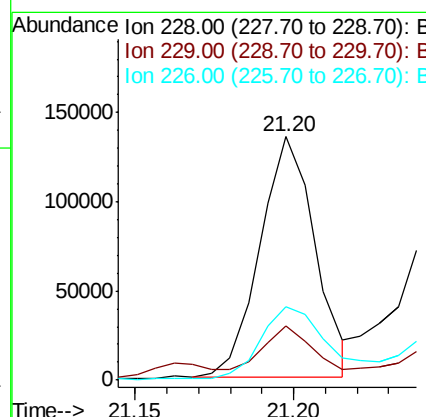
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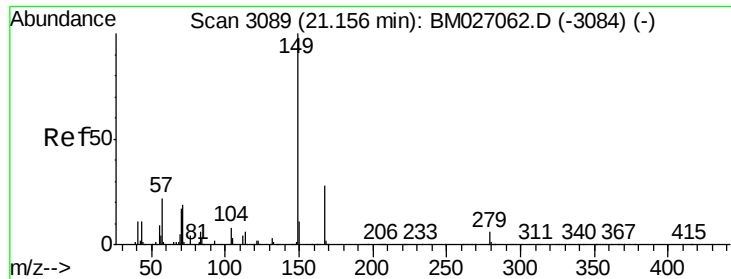
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#83
Benzo(a)anthracene
Concen: 3.961 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM027068.D
Acq: 13 Aug 2020 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	22.2	15.8	23.6	
226	29.9	21.2	31.8	





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.733 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

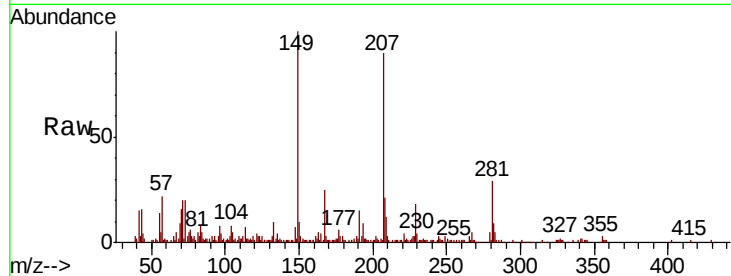
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BFML3

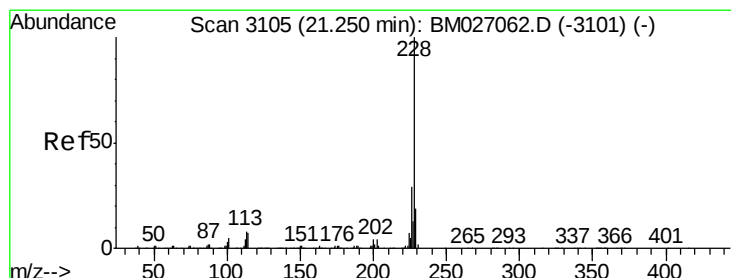
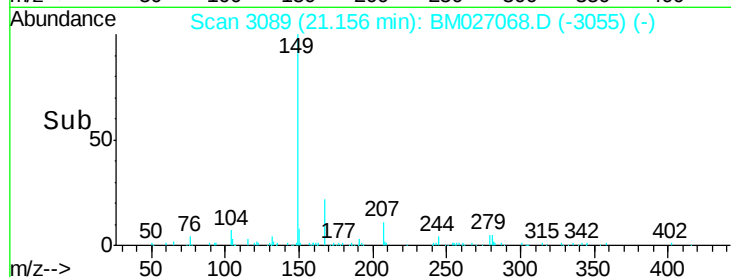
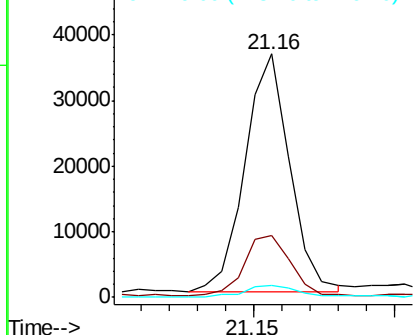
Tot Ion:	149	Resp:	39865
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.6	32.4
279	5.1	3.9	5.9

Manual Integrations
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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: 5.022 ng/ul

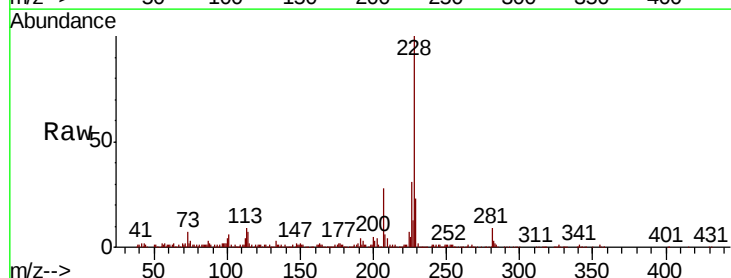
RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

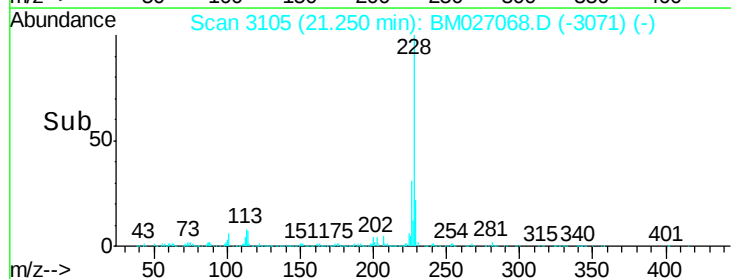
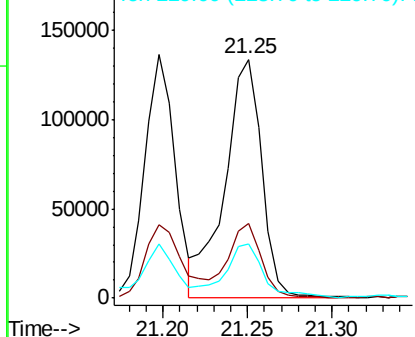
Lab File: BM027068.D

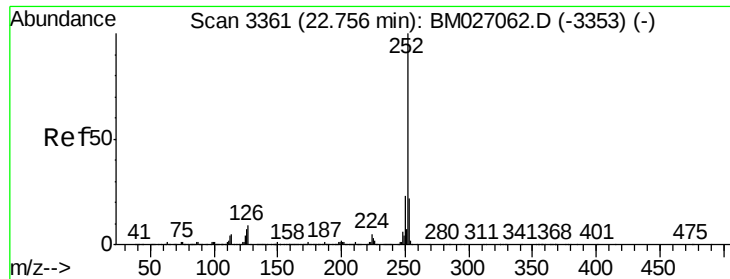
Acq: 13 Aug 2020 19:27

Tgt Ion:	228	Resp:	202496
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.8	35.6
229	22.5	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





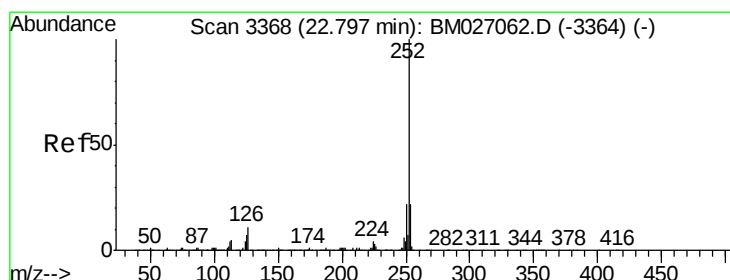
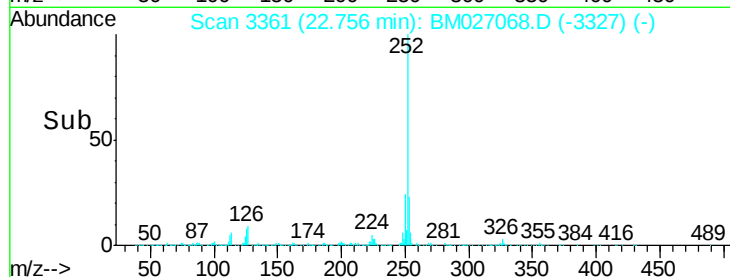
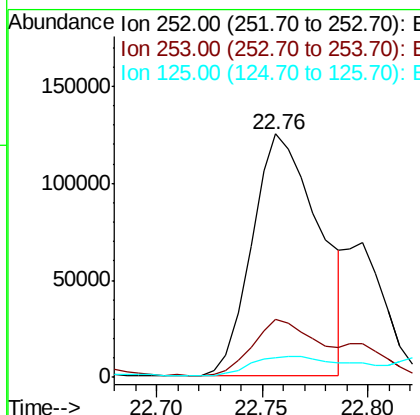
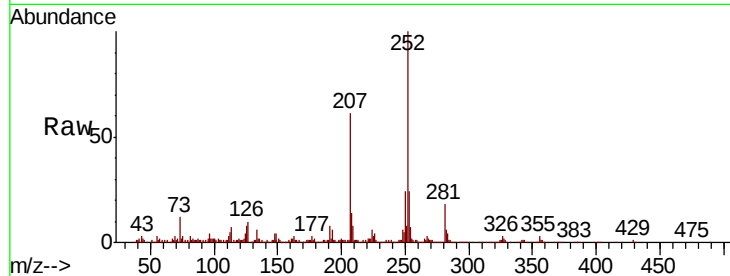
#88
Benzo(b)fluoranthene
Concen: 6.385 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BM027068.D
Acq: 13 Aug 2020 19:27

Instrument :
BNA_M
ClientSampleId :
BFML3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	8.2	6.0	9.0

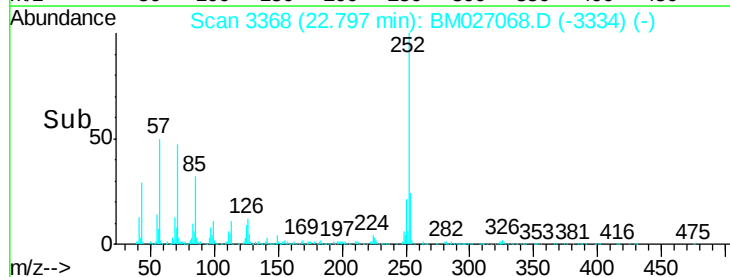
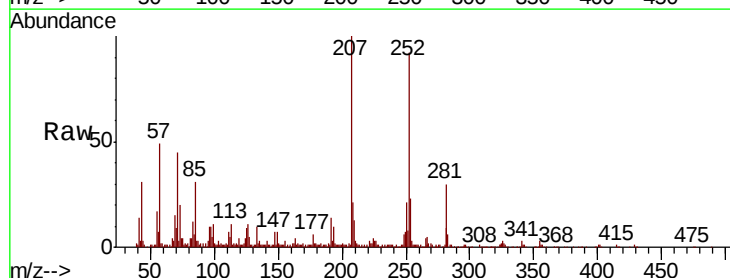
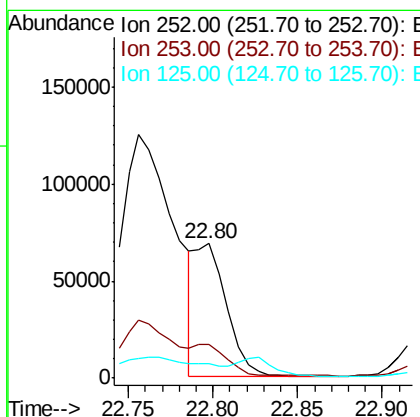
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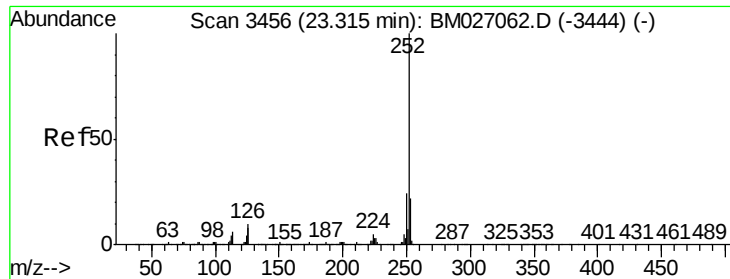
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#89
Benzo(k)fluoranthene
Concen: 2.020 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM027068.D
Acq: 13 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	10.3	5.5	8.3#





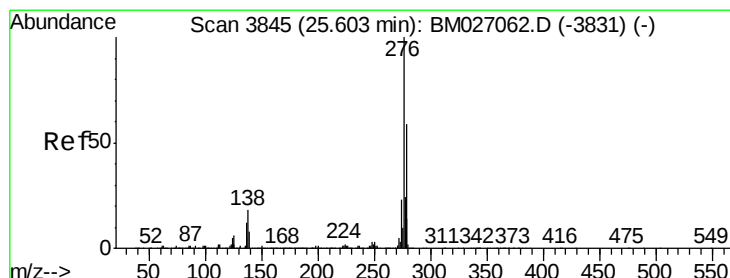
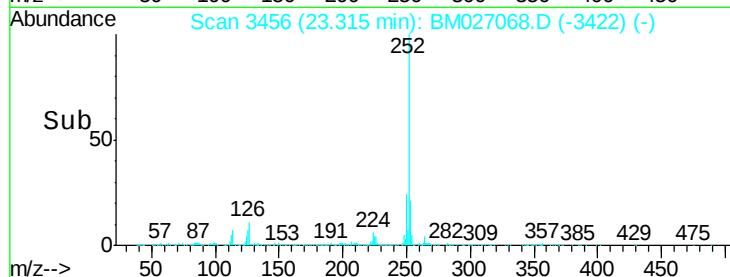
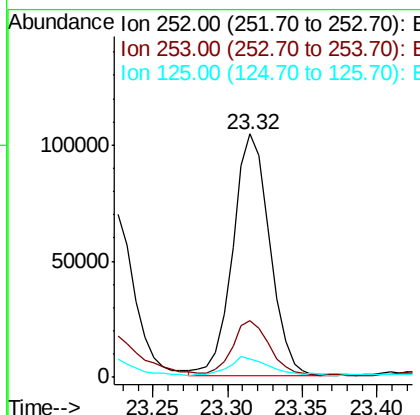
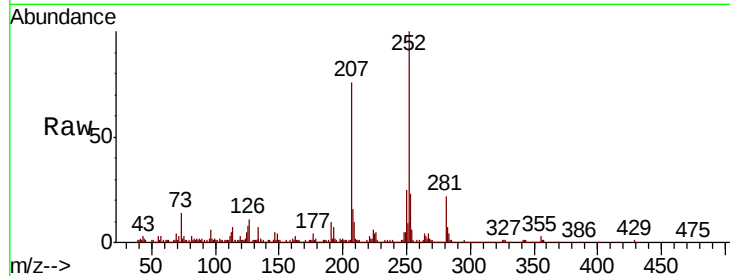
#91
Benzo(a)pyrene
Concen: 4.543 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM027068.D
Acq: 13 Aug 2020 19:27

Instrument :
BNA_M
ClientSampled :
BFML3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	7.8	5.8	8.8

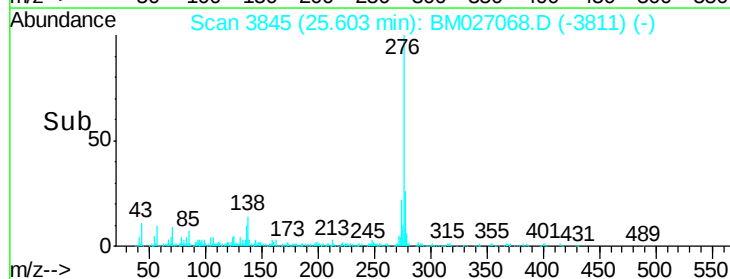
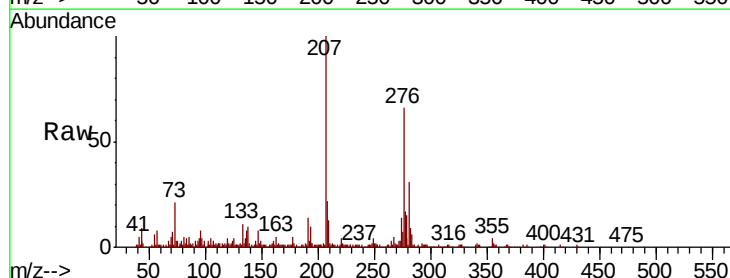
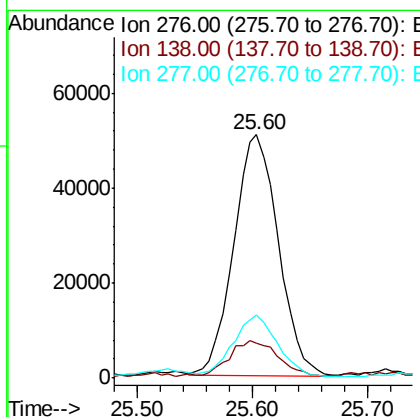
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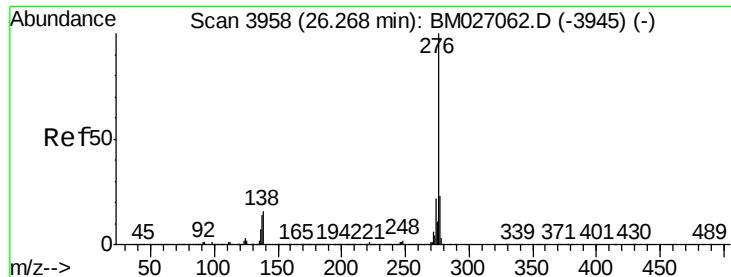
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.700 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.00 min
Lab File: BM027068.D
Acq: 13 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	13.9	20.9
277	26.2	19.8	29.8





#94

Benzo(a,h,i)perylene

Concen: 2.600 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampleId :

BFML3

Tot Ion:	276	Resp:	108880
Ion Ratio		Lower	Upper
276	100		
138	18.1	12.3	18.5
277	26.2	19.0	28.6

Manual Integrations
APPROVED

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