

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027059.D
 Acq On : 13 Aug 2020 13:22
 Operator : JU/CG
 Sample : L3630-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMK8

Manual Integrations
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 8/14/2020 2:54:07 PM

Quant Time: Aug 13 14:13:31 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	112102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	437439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	272098	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	573231	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	587699	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	602225	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	8755	3.55	ng/uL	0.00
5) Phenol-d5	6.82	99	168316	19.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	115188	19.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	133058	19.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	135214	19.90	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	63813	18.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	68614	19.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	155598	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	133184	15.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	481923	22.21	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	560544	21.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	63318	17.29	ng/ul	0.00
58) Fluorene-d10	15.27	176	399217	21.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	52266	16.69	ng/ul	0.00
71) Anthracene-d10	17.12	188	598510	21.19	ng/ul	0.00
79) Pyrene-d10	19.42	212	649683	22.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	709039	21.09	ng/ul	0.00

Target Compounds					Ovalue	
45) Dimethylphthalate	13.73	163	137056	6.027	ng/ul	100
70) Phenanthrene	17.06	178	149553	4.352	ng/ul	100
77) Fluoranthene	19.08	202	335786	8.058	ng/ul	100
80) Pyrene	19.44	202	301141	7.549	ng/ul	99
83) Benzo(a)anthracene	21.20	228	172432	4.358	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.16	149	40929	1.848	ng/ul	98
85) Chrysene	21.25	228	201683	5.193	ng/ul	97
88) Benzo(b)fluoranthene	22.76	252	283606	6.782	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	89075m	2.149	ng/ul	
91) Benzo(a)pyrene	23.31	252	169650	4.458	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.60	276	129563	2.642	ng/ul	96
94) Benzo(g,h,i)perylene	26.27	276	114798	2.834	ng/ul	96

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

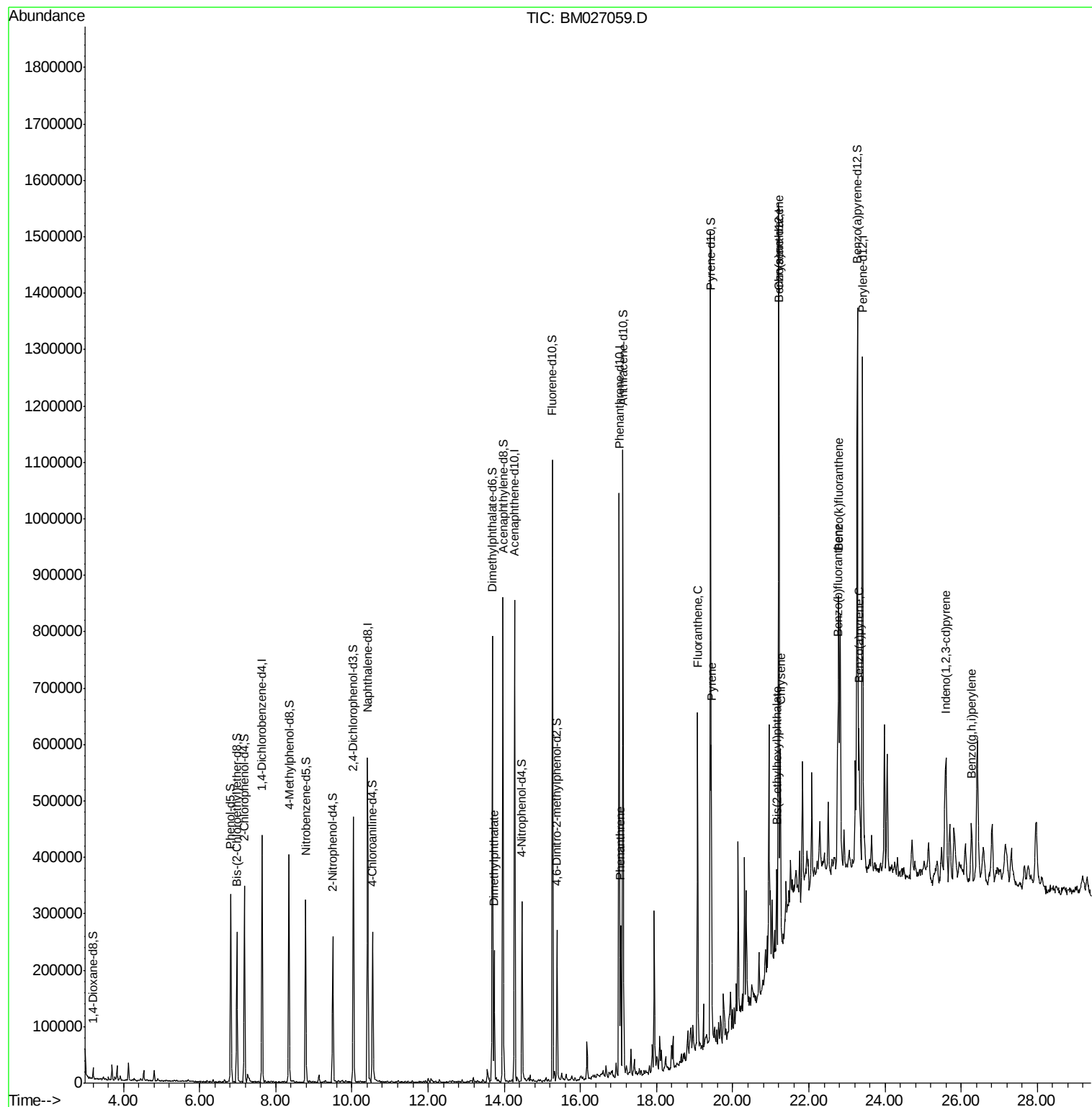
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027059.D
Acq On : 13 Aug 2020 13:22
Operator : JU/CG
Sample : L3630-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

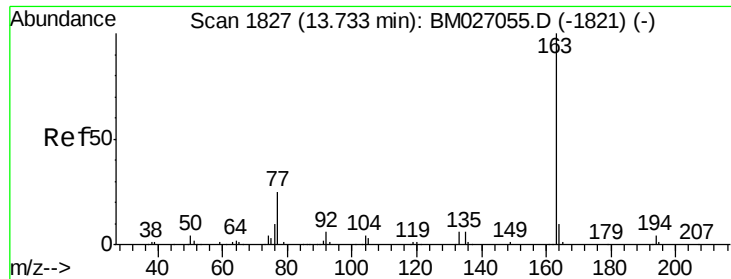
Instrument :
BNA_M
ClientSampleId :
BFMK8

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Quant Time: Aug 13 14:13:31 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





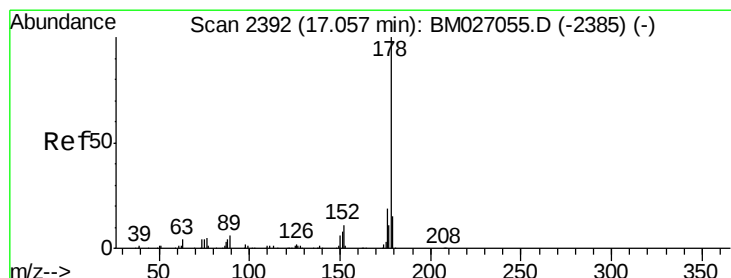
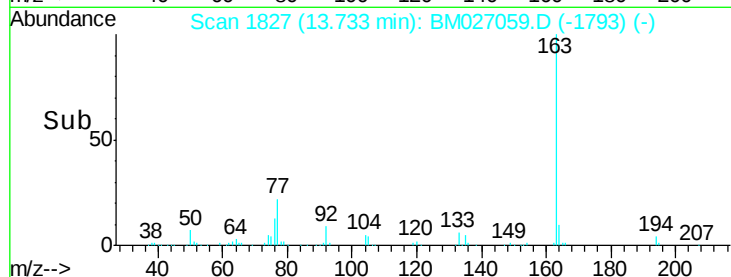
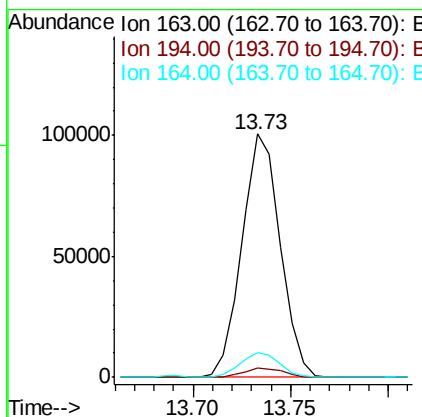
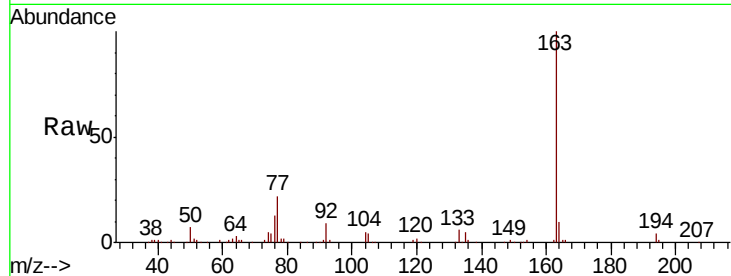
#45
Dimethylphthalate
Concen: 6.027 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027059.D
Acq: 13 Aug 2020 13:22

Instrument :
BNA_M
ClientSampled :
BFMK8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	137056		
194	3.7		3.2	4.8
164	10.3		8.2	12.2

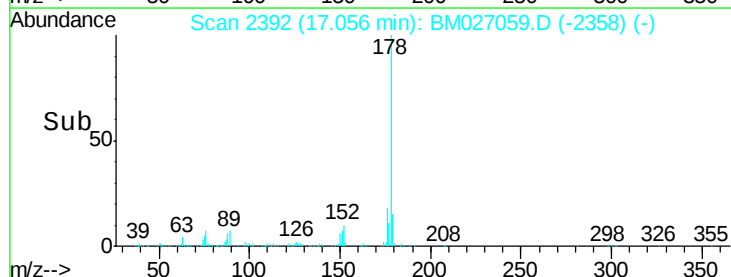
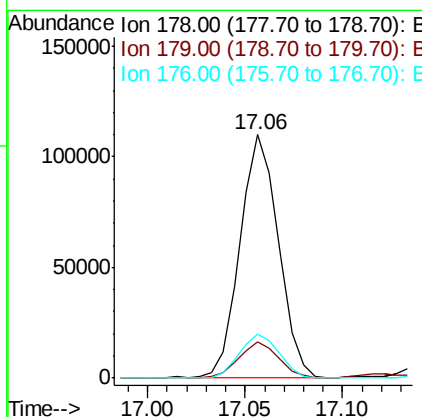
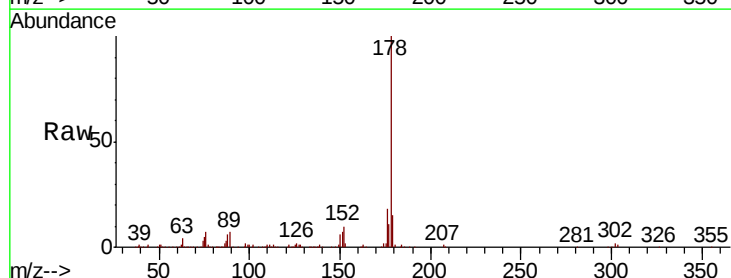
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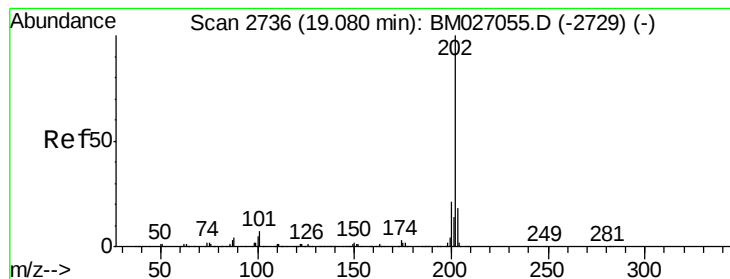
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#70
Phenanthrene
Concen: 4.352 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027059.D
Acq: 13 Aug 2020 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	149553		
179	15.0		11.9	17.9
176	18.0		14.6	22.0





#77

Fluoranthene

Concen: 8.058 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM027059.D

Acq: 13 Aug 2020 13:22

Instrument :

BNA_M

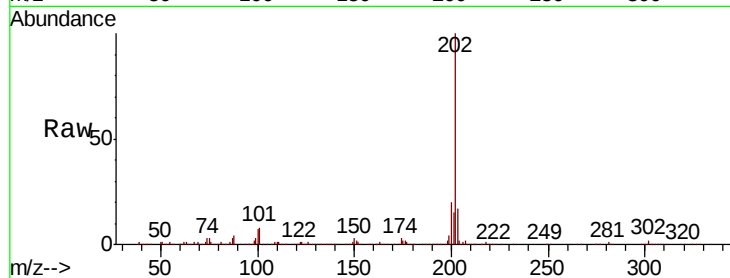
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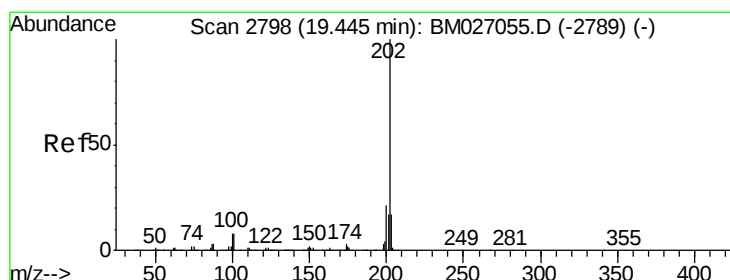
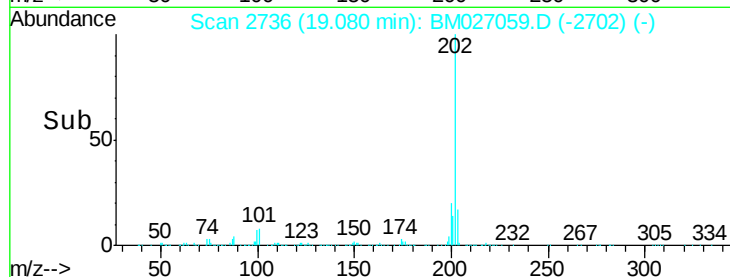
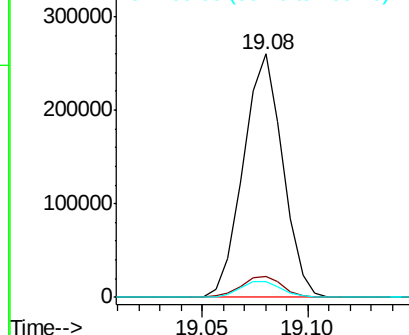
Tot Ion	Ratio	Resp	Lower	Upper
202	100	335786		
101	8.4	6.7	10.1	
100	6.7	5.4	8.2	

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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: 7.549 ng/ul

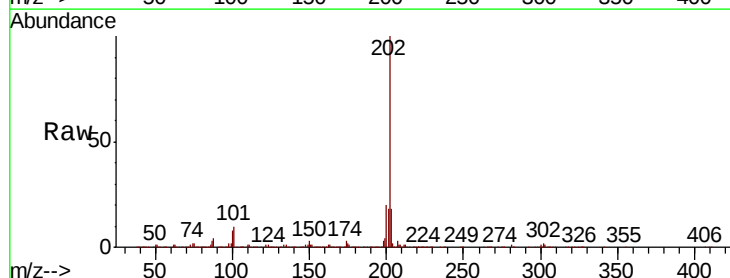
RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

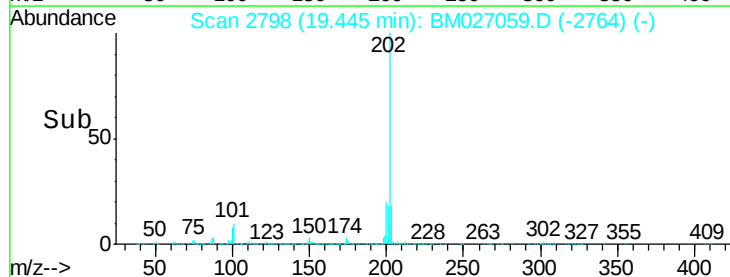
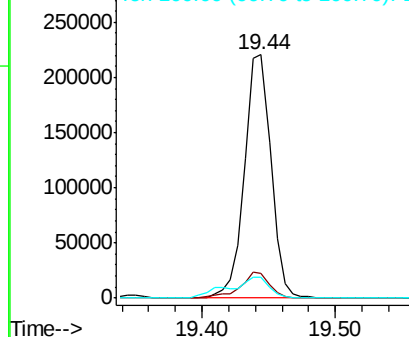
Lab File: BM027059.D

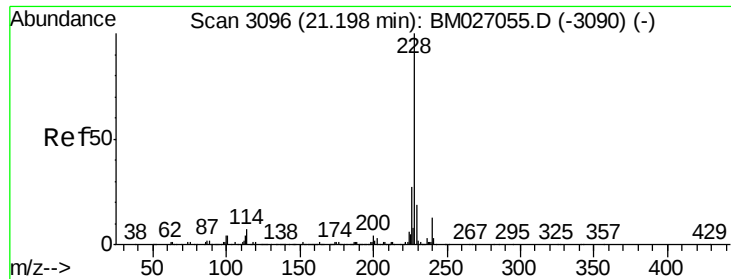
Acq: 13 Aug 2020 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	301141		
101	10.1	7.6	11.4	
100	8.3	6.3	9.5	



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





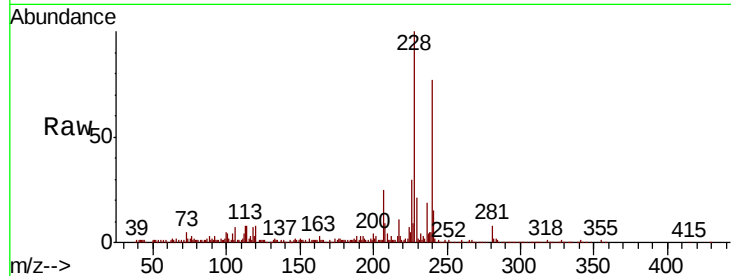
#83
 Benzo(a)anthracene
 Concen: 4.358 ng/ul
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BM027059.D
 Acq: 13 Aug 2020 13:22

Instrument :
 BNA_M
 ClientSampled :
 BFMK8

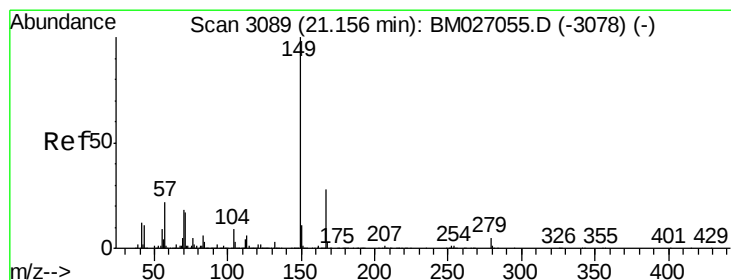
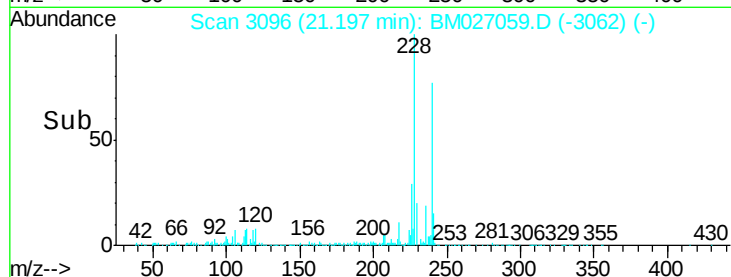
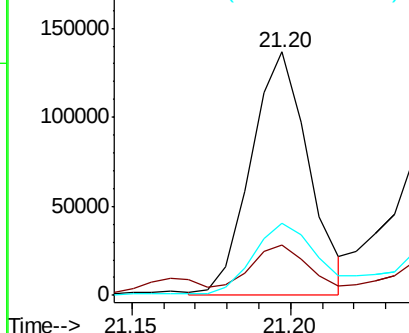
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	29.6	21.2	31.8

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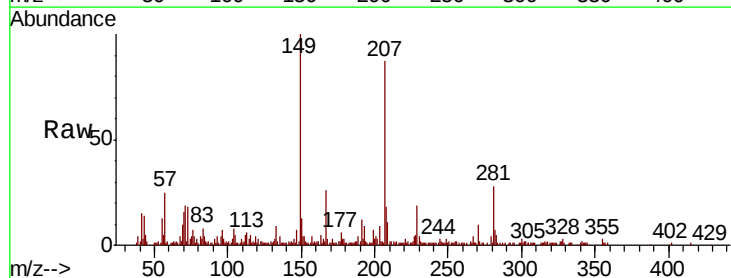


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E

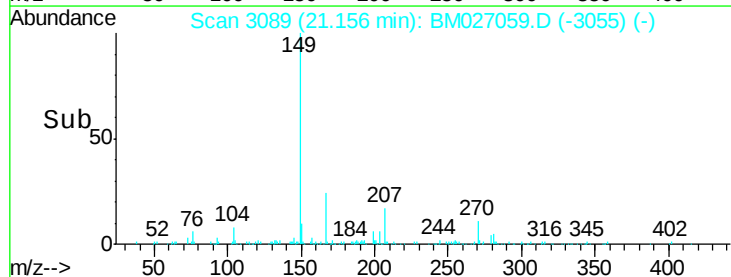
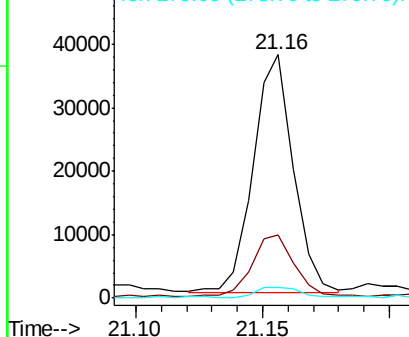


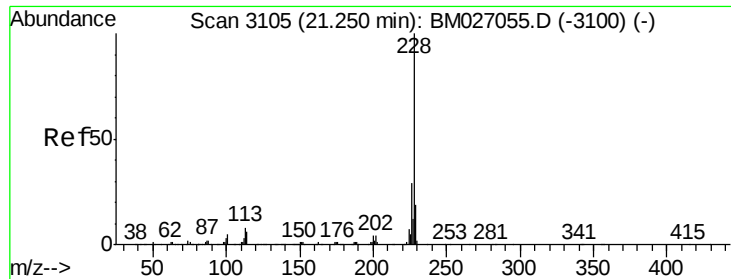
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.848 ng/ul
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BM027059.D
 Acq: 13 Aug 2020 13:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.6	32.4
279	4.5	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: 5.193 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM027059.D

Acq: 13 Aug 2020 13:22

Instrument :

BNA_M

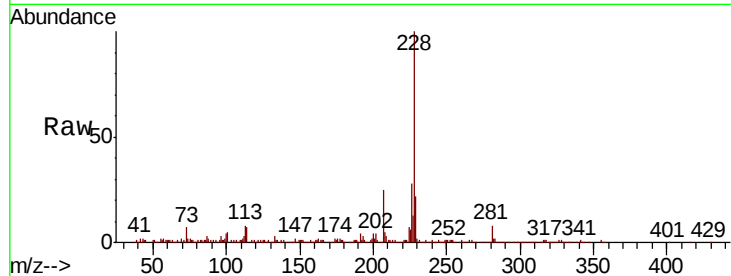
ClientSampleId :

BFMK8

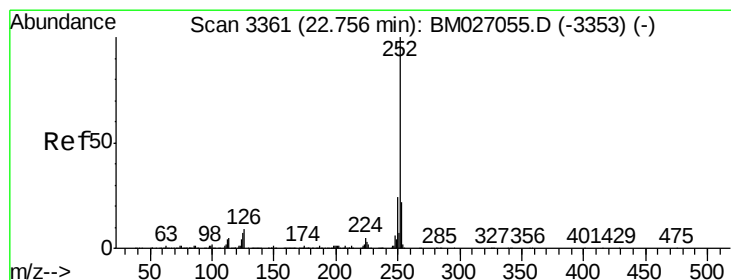
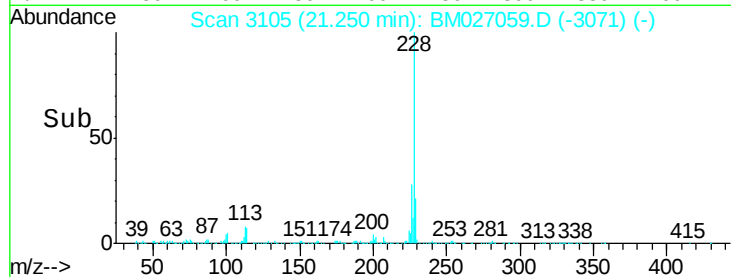
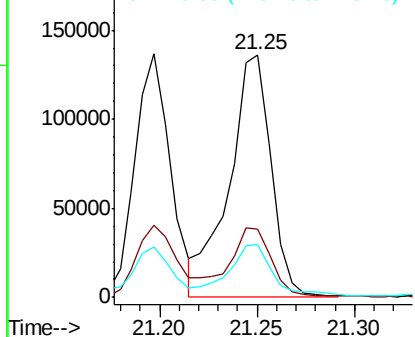
Tot Ion:	228	Resp:	201683
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.8	35.6
229	21.7	15.8	23.8

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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: 6.782 ng/ul

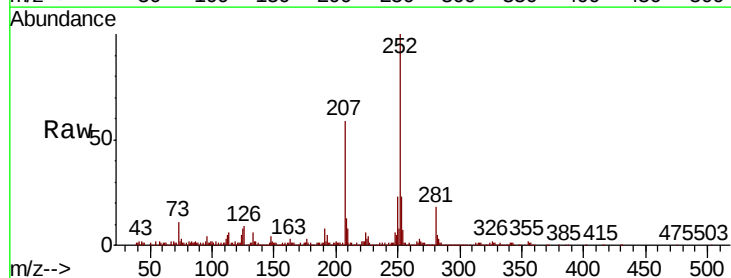
RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

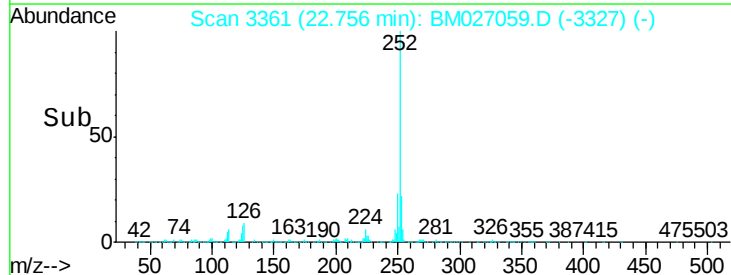
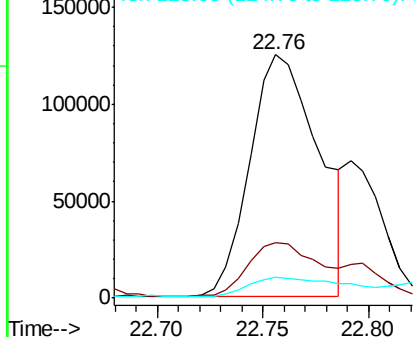
Lab File: BM027059.D

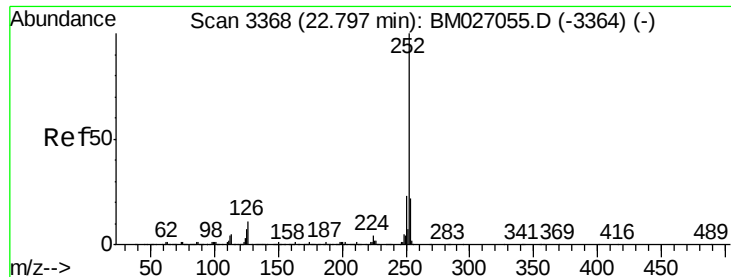
Acq: 13 Aug 2020 13:22

Tgt Ion:	252	Resp:	283606
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.6	26.4
125	8.5	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





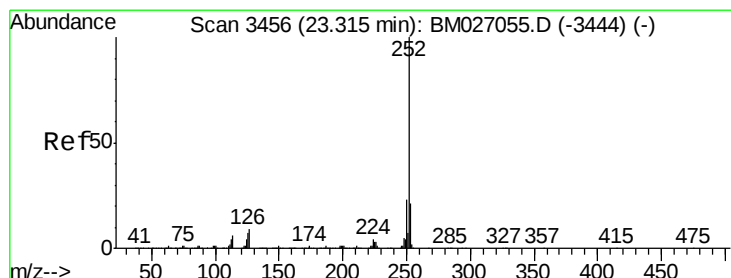
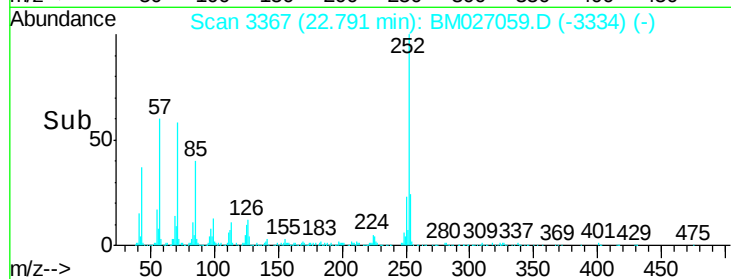
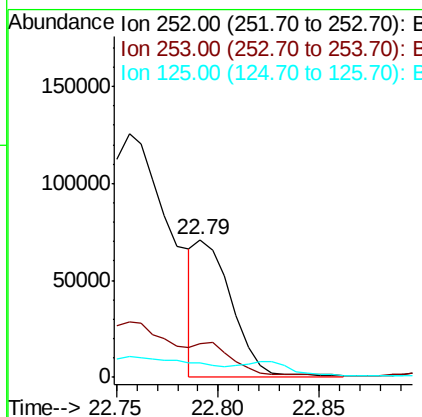
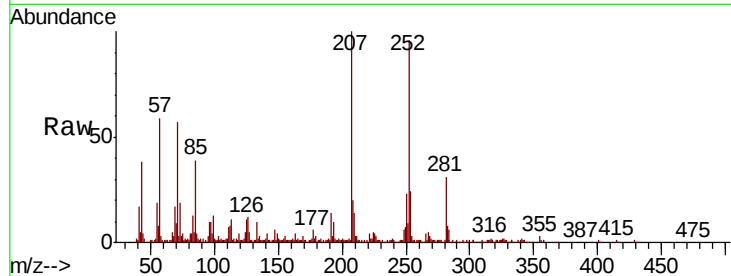
#89
Benzo(k)fluoranthene
Concen: 2.149 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM027059.D
Acq: 13 Aug 2020 13:22

Instrument :
BNA_M
ClientSampleId :
BFMK8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	10.9	5.5	8.3#

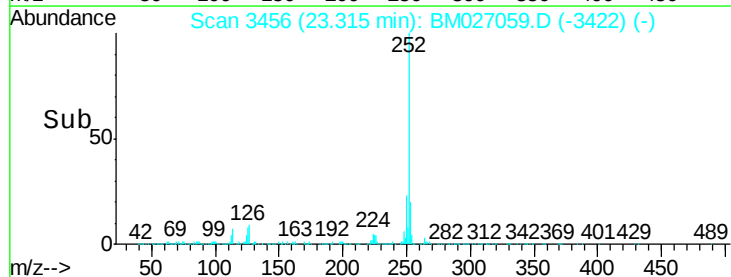
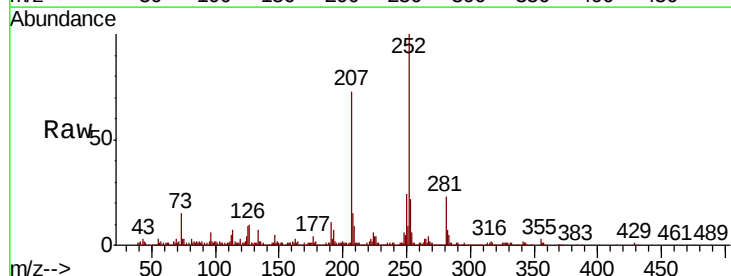
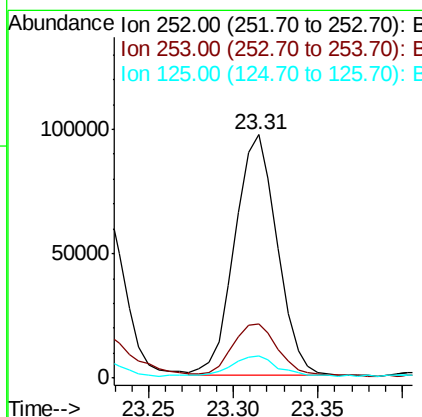
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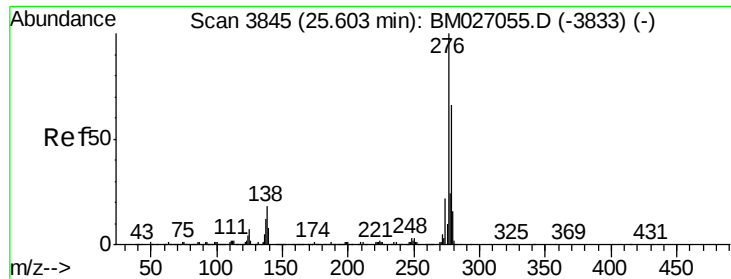
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#91
Benzo(a)pyrene
Concen: 4.458 ng/ul
RT: 23.31 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM027059.D
Acq: 13 Aug 2020 13:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	9.0	5.8	8.8#





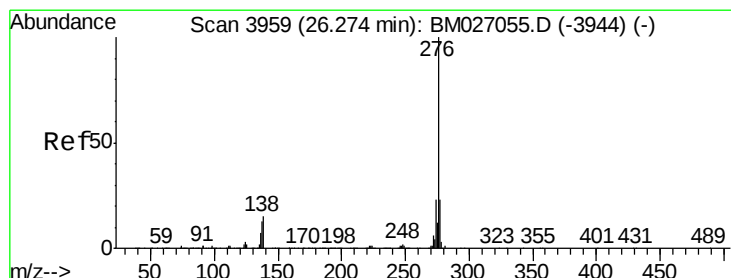
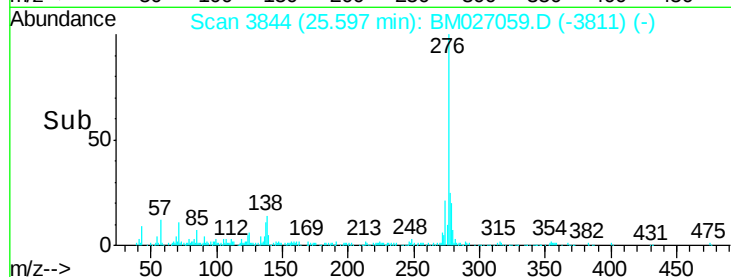
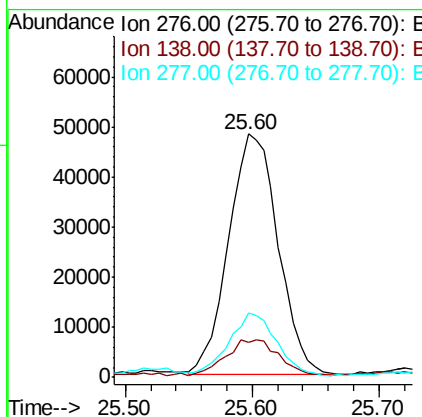
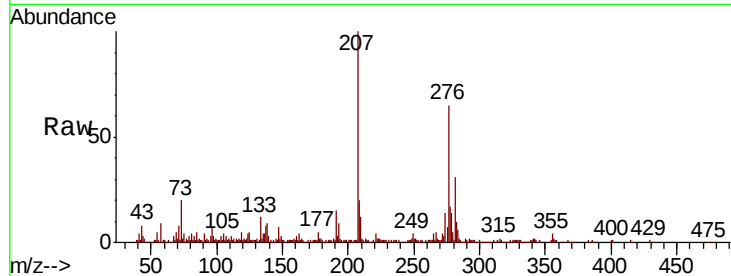
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.642 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. -0.01 min
 Lab File: BM027059.D
 Acq: 13 Aug 2020 13:22

Instrument :
 BNA_M
 ClientSampleId :
 BFMK8

Tot Ion:	276	Resp:	129563
Ion Ratio	Lower	Upper	
276	100		
138	14.5	13.9	20.9
277	26.2	19.8	29.8

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#94
 Benzo(g,h,i)perylene
 Concen: 2.834 ng/ul
 RT: 26.27 min Scan# 3958
 Delta R.T. -0.01 min
 Lab File: BM027059.D
 Acq: 13 Aug 2020 13:22

Tgt Ion:	276	Resp:	114798
Ion Ratio	Lower	Upper	
276	100		
138	15.1	12.3	18.5
277	27.2	19.0	28.6

