

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027099.D
 Acq On : 14 Aug 2020 22:45
 Operator : JU/CG
 Sample : L3631-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMM5

Manual Integrations
 APPROVED

mohammad
 8/19/2020 8:18:53 AM

Quant Time: Aug 17 02:47:16 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	124117	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	440103	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	276575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	604892	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	709094	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	749163	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7843	2.87	ng/uL	0.00
5) Phenol-d5	6.82	99	148374	15.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	108967	16.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	123397	16.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	113665	15.11	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	59058	16.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	60529	16.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	127633	16.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	126410	14.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	415295	18.83	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	458308	17.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	44804	12.03	ng/ul	0.00
58) Fluorene-d10	15.27	176	345337	17.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	40635	12.30	ng/ul	0.00
71) Anthracene-d10	17.11	188	522514	17.53	ng/ul	0.00
79) Pyrene-d10	19.41	212	631678	17.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	739607	17.69	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	18072	1.776	ng/ul 100
45) Dimethylphthalate	13.73	163	84429	3.653	ng/ul 98
48) Acenaphthylene	13.99	152	30518	1.142	ng/ul 96
70) Phenanthrene	17.06	178	193485	5.335	ng/ul 100
77) Fluoranthene	19.08	202	460966	10.483	ng/ul 97
80) Pyrene	19.44	202	465025	9.662	ng/ul 99
83) Benzo(a)anthracene	21.19	228	238402	4.994	ng/ul 95
84) Bis(2-ethylhexyl)phthalate	21.15	149	36880	1.380	ng/ul# 95
85) Chrysene	21.24	228	268900	5.739	ng/ul 98
88) Benzo(b)fluoranthene	22.75	252	376884	7.245	ng/ul 97
89) Benzo(k)fluoranthene	22.79	252	130107m	2.524	ng/ul
91) Benzo(a)pyrene	23.31	252	262758	5.550	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.60	276	199639	3.273	ng/ul# 95
94) Benzo(g,h,i)perylene	26.26	276	183370	3.639	ng/ul 99

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

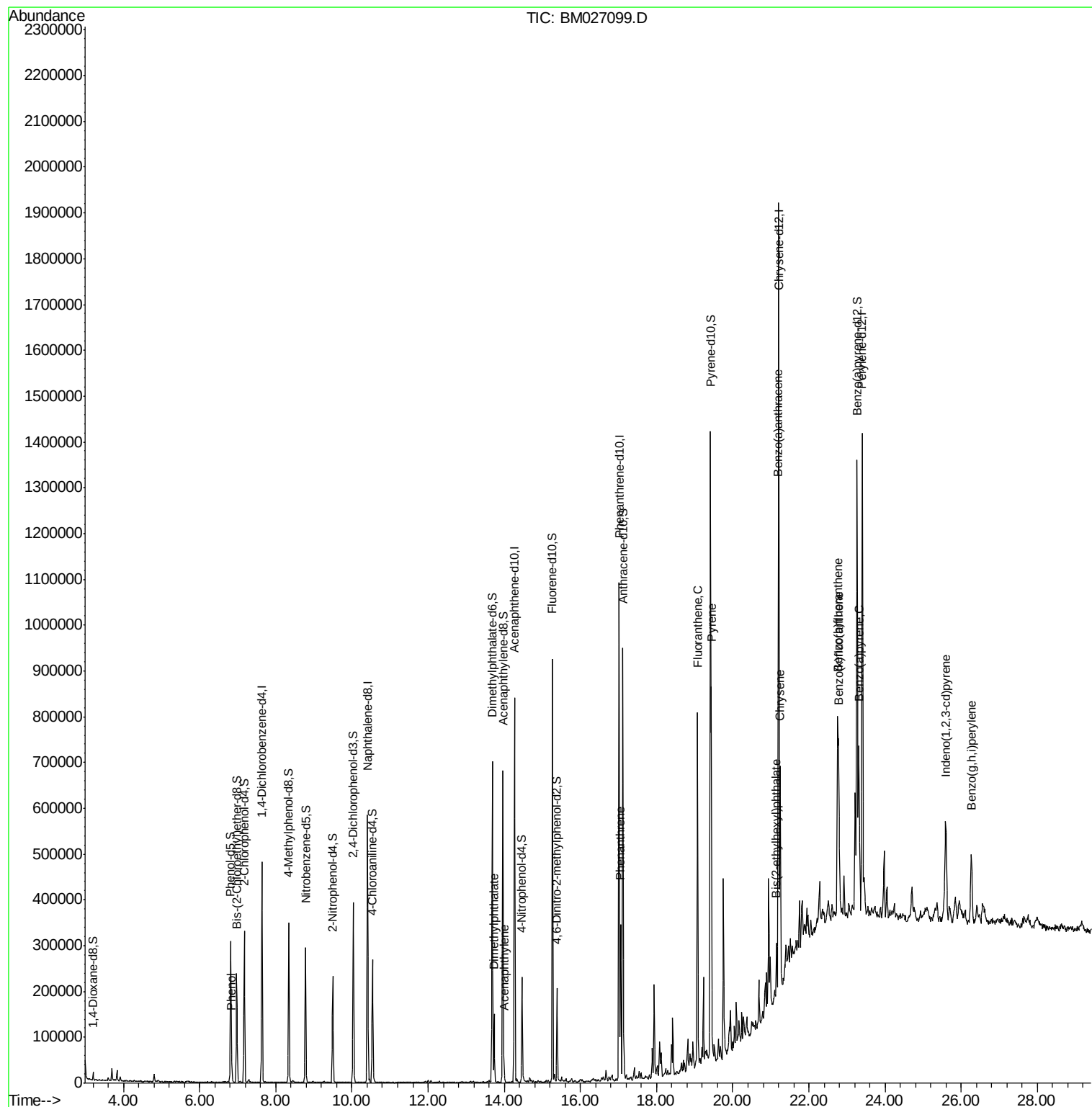
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027099.D
Acq On : 14 Aug 2020 22:45
Operator : JU/CG
Sample : L3631-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

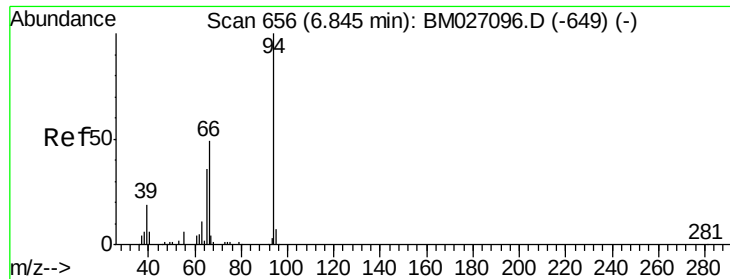
Instrument :
BNA_M
ClientSampleId :
BFMM5

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Quant Time: Aug 17 02:47:16 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





#6

Phenol

Concen: 1.776 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

Instrument :

BNA_M

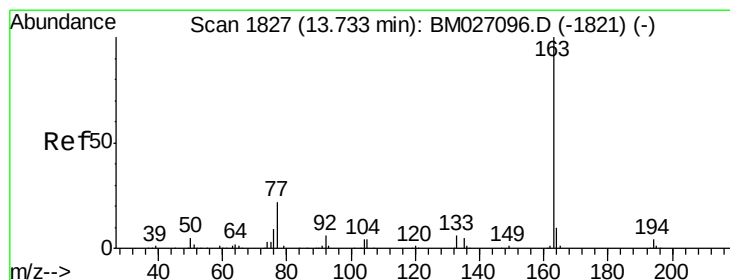
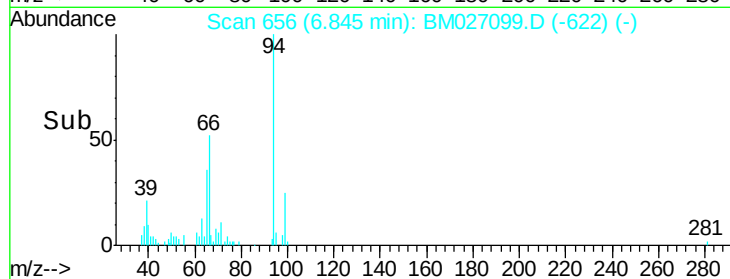
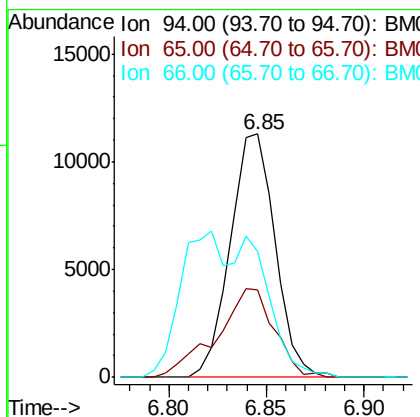
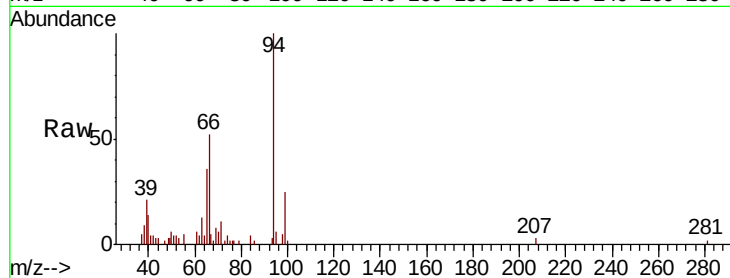
ClientSampled :

BFMM5

Tot Ion:	94	Resp:	18072
Ion	Ratio	Lower	Upper
94	100		
65	35.8	28.6	43.0
66	51.9	41.3	61.9

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#45

Dimethylphthalate

Concen: 3.653 ng/ul

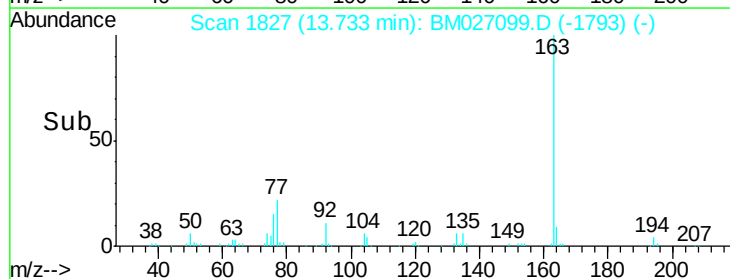
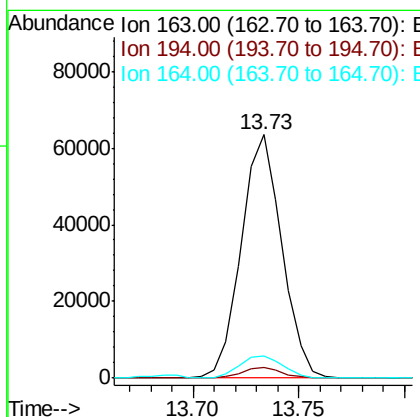
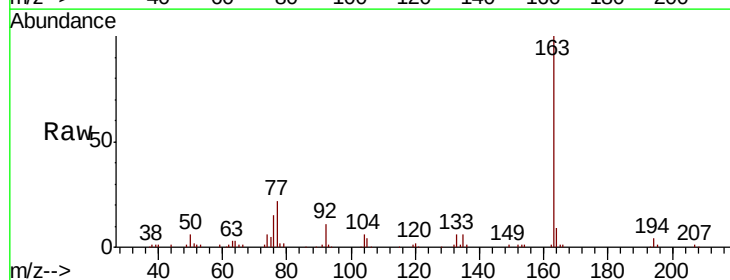
RT: 13.73 min Scan# 1827

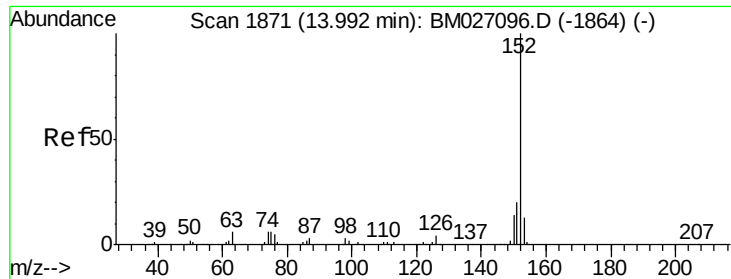
Delta R.T. -0.00 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

Tgt Ion:	163	Resp:	84429
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.3	8.2	12.2





#48

Acenaphthylene

Concen: 1.142 ng/ul

RT: 13.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

Instrument :

BNA_M

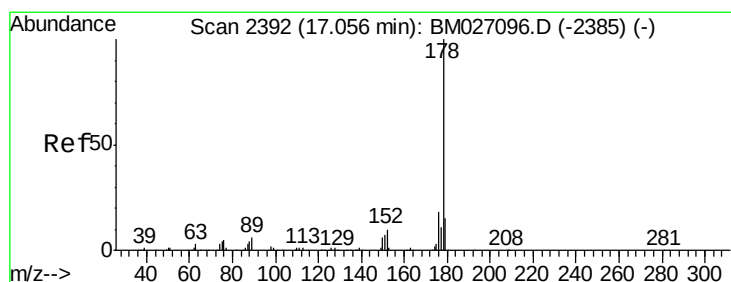
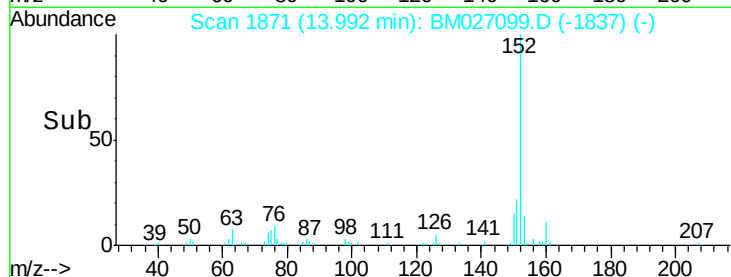
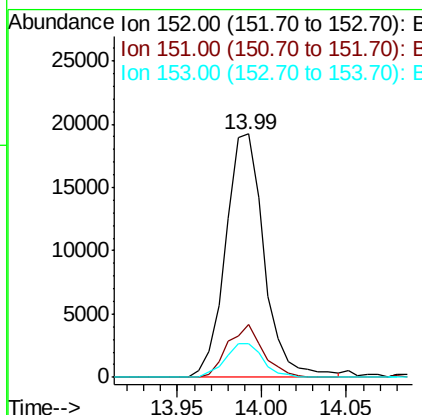
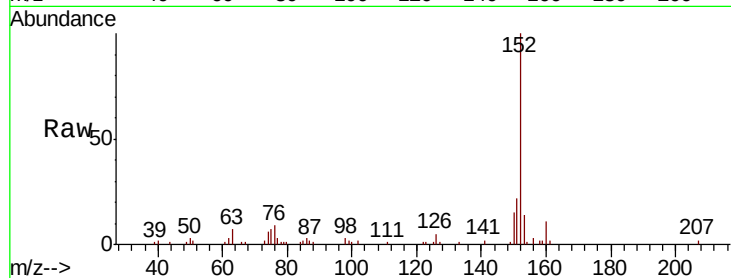
ClientSampled :

BFMM5

Tot Ion:	152	Resp:	30518
Ion Ratio	Lower	Upper	
152	100		
151	21.9	15.9	23.9
153	13.8	9.8	14.8

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#70

Phenanthrene

Concen: 5.335 ng/ul

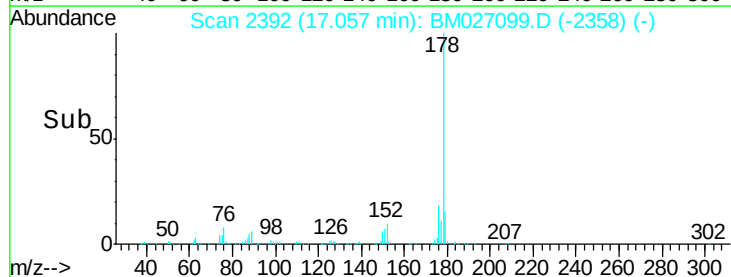
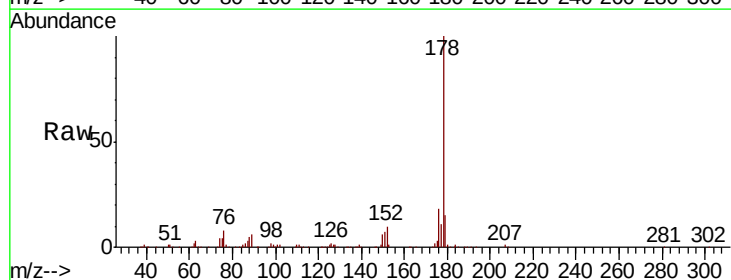
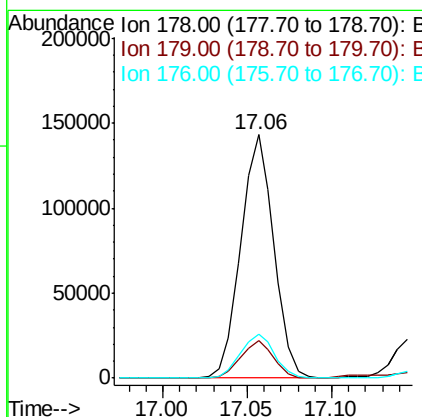
RT: 17.06 min Scan# 2392

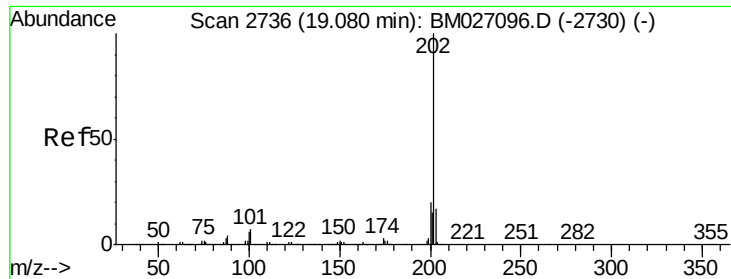
Delta R.T. -0.00 min

Lab File: BM027099.D

Acq: 14 Aug 2020 22:45

Tgt Ion:	178	Resp:	193485
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.9	17.9
176	18.2	14.6	22.0





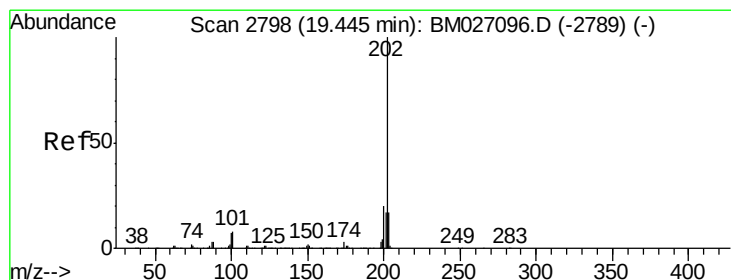
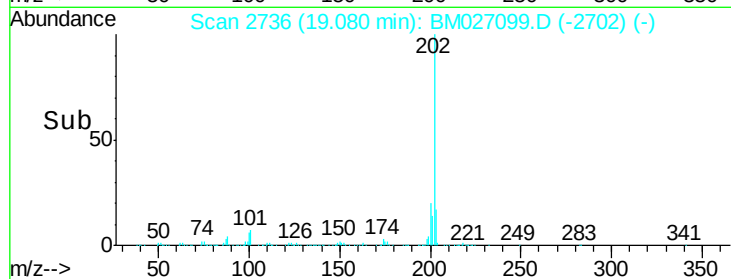
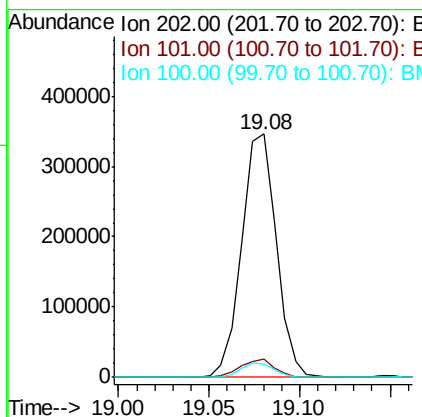
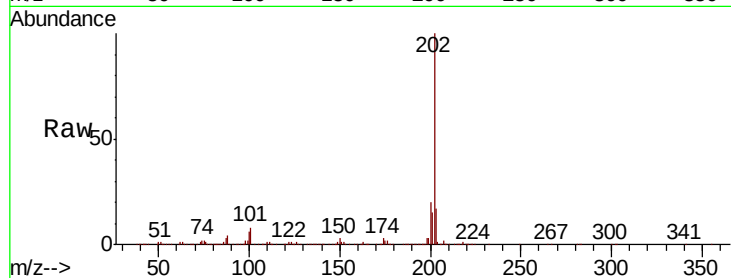
#77
 Fluoranthene
 Concen: 10.483 ng/ul
 RT: 19.08 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM027099.D
 Acq: 14 Aug 2020 22:45

Instrument :
 BNA_M
 ClientSampleId :
 BFMM5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	460966		
101	7.5	6.7	10.1	
100	5.7	5.4	8.2	

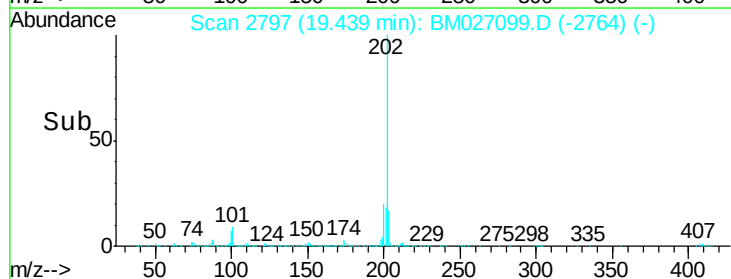
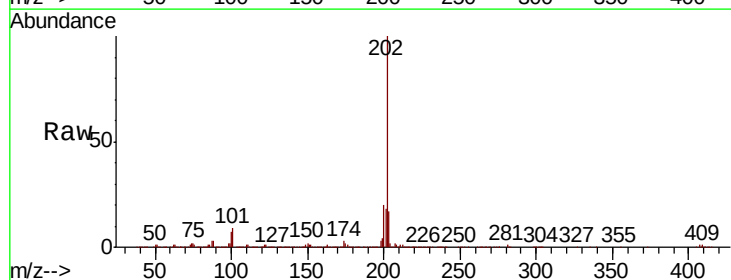
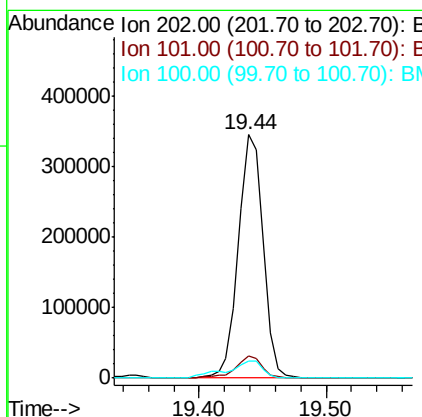
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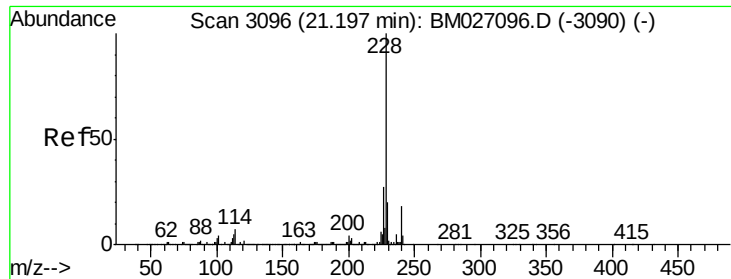
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#80
 Pyrene
 Concen: 9.662 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BM027099.D
 Acq: 14 Aug 2020 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	465025		
101	9.2	7.6	11.4	
100	7.2	6.3	9.5	





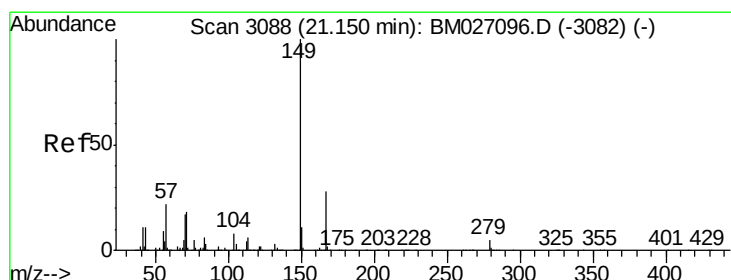
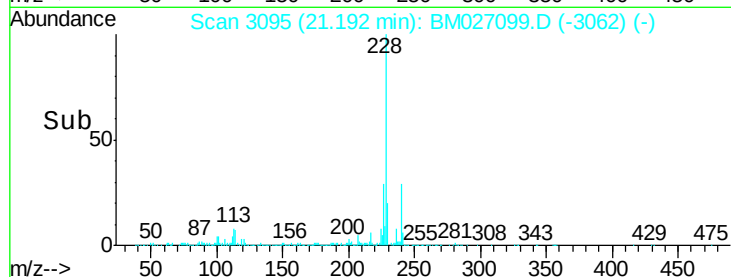
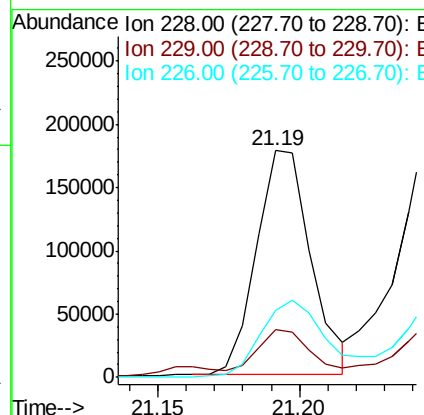
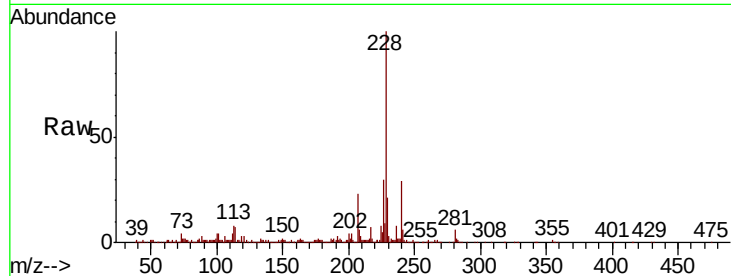
#83
Benzo(a)anthracene
Concen: 4.994 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Instrument :
BNA_M
ClientSampled :
BFMM5

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	29.7	21.2	31.8

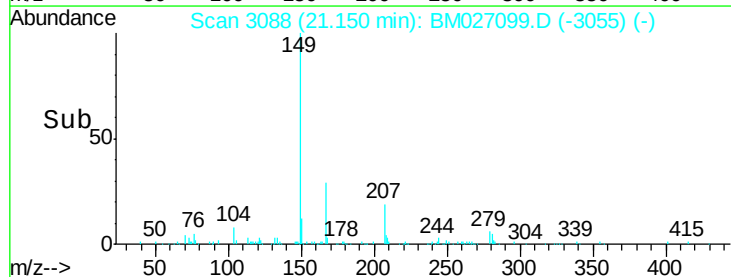
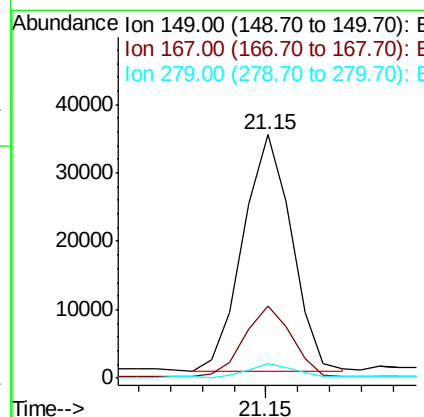
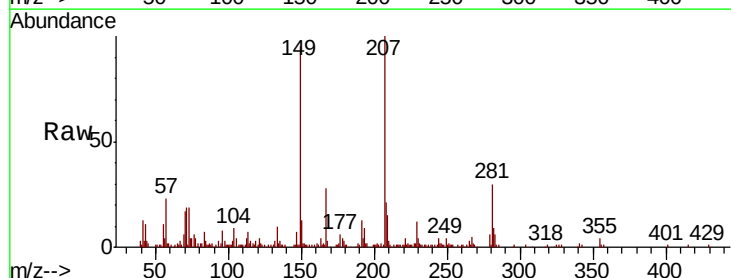
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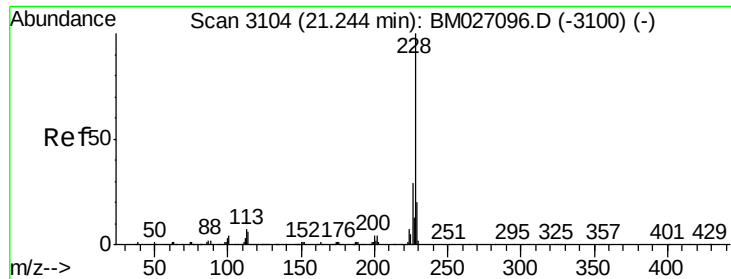
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.380 ng/ul
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	21.6	32.4
279	6.0	3.9	5.9#





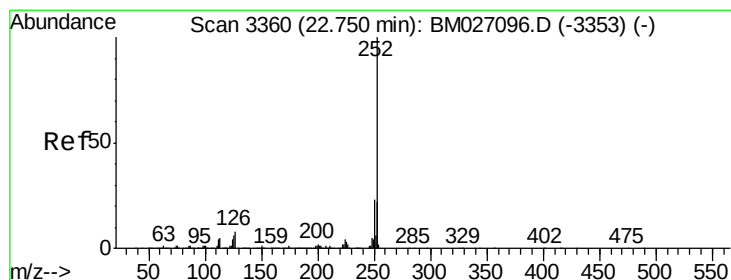
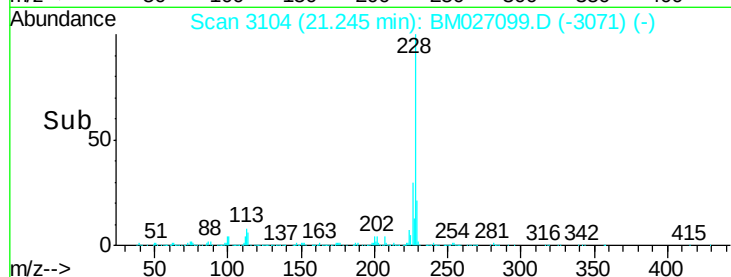
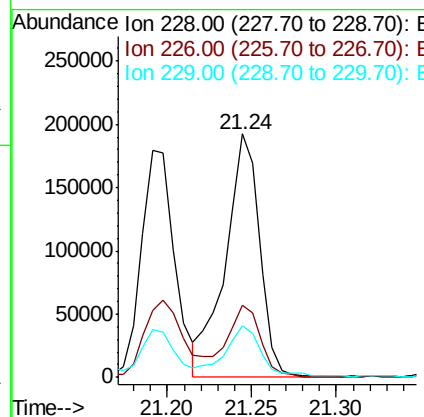
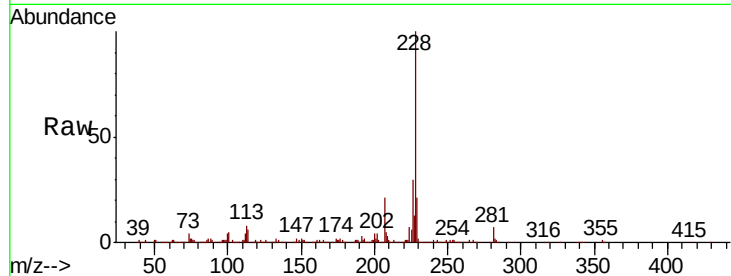
#85
Chrysene
Concen: 5.739 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Instrument :
BNA_M
ClientSampled :
BFMM5

Tot Ion:	228	Resp:	268900
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.8	35.6
229	21.4	15.8	23.8

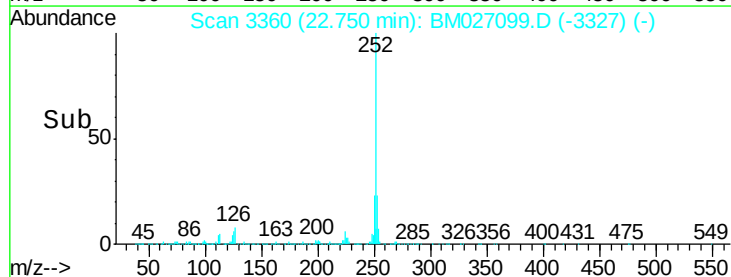
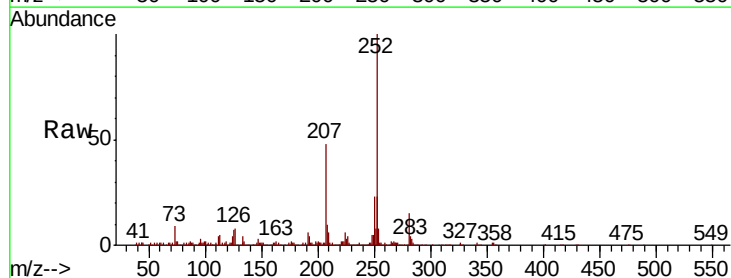
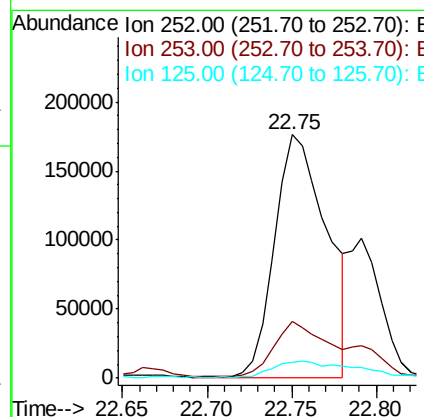
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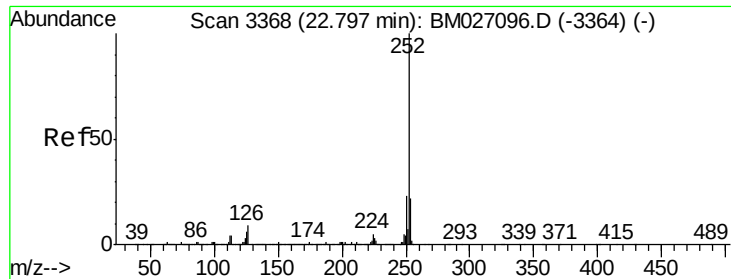
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#88
Benzo(b)fluoranthene
Concen: 7.245 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Tgt Ion:	252	Resp:	376884
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	6.7	6.0	9.0





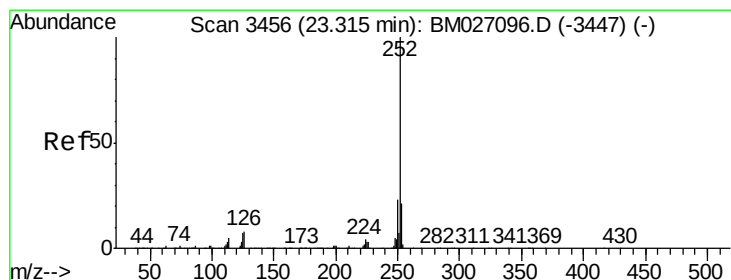
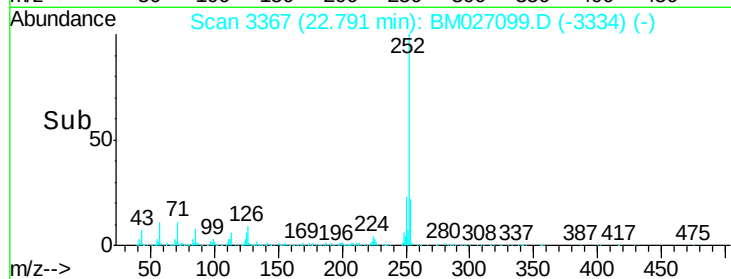
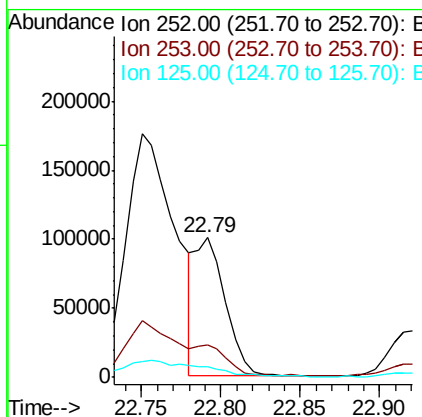
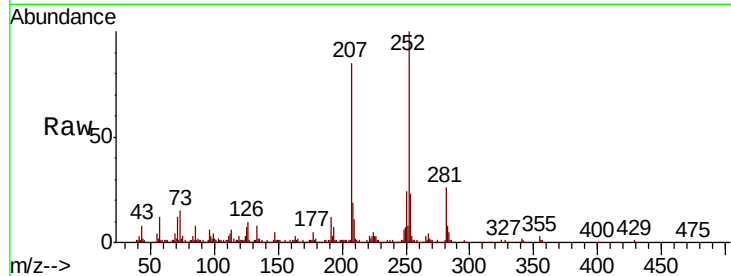
#89
Benzo(k)fluoranthene
Concen: 2.524 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Instrument :
BNA_M
ClientSampled :
BFMM5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	7.3	5.5	8.3

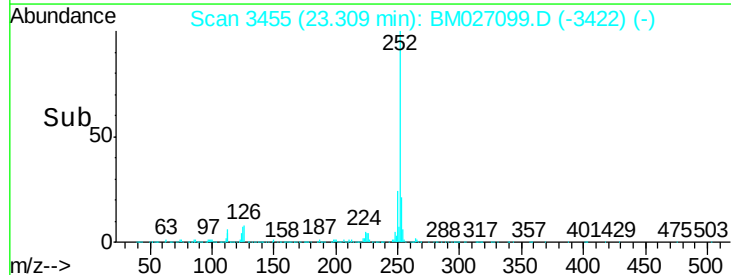
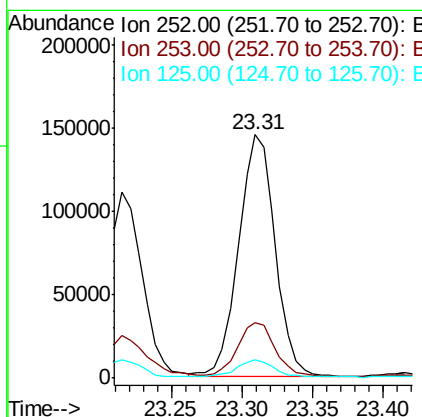
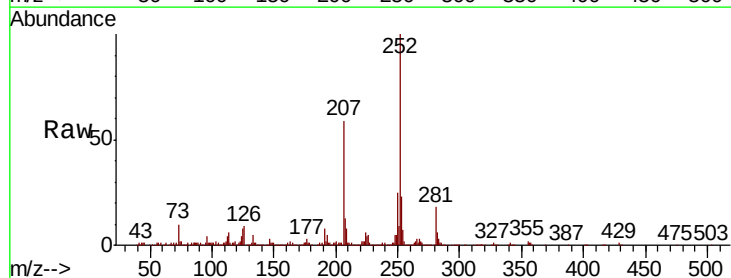
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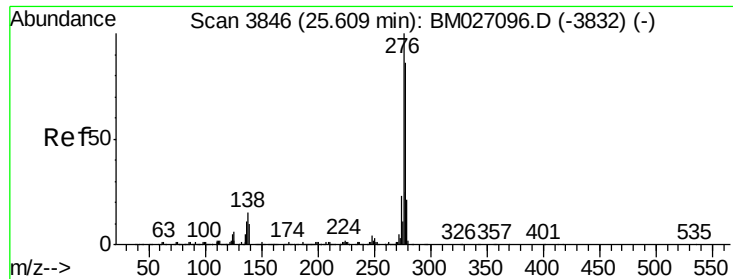
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#91
Benzo(a)pyrene
Concen: 5.550 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	7.6	5.8	8.8





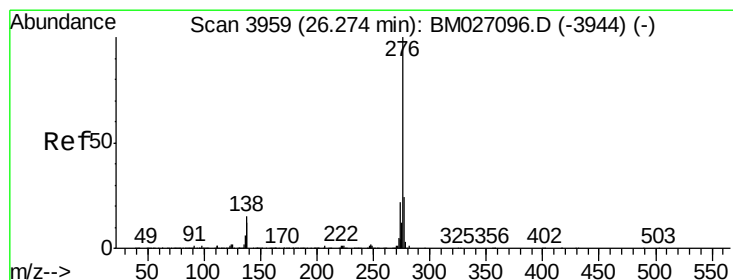
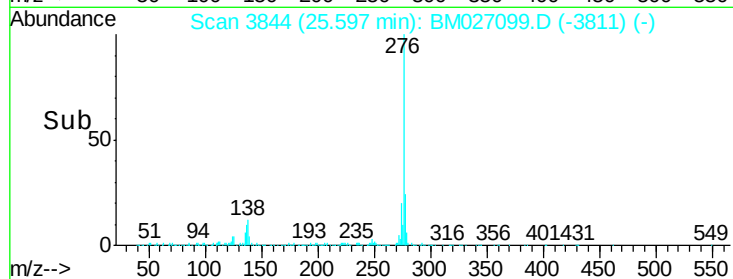
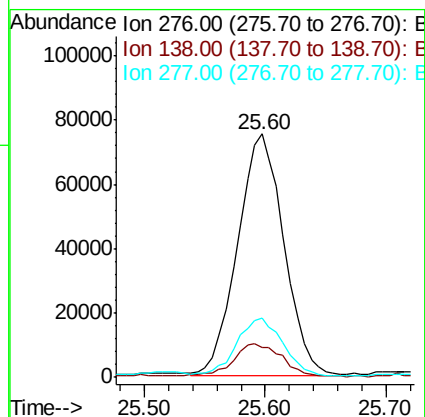
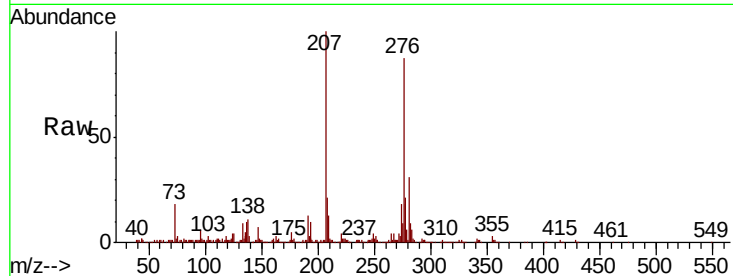
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.273 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Instrument :
BNA_M
ClientSampleId :
BFMM5

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.3	13.9	20.9#
277	24.6	19.8	29.8

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 3.639 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM027099.D
Acq: 14 Aug 2020 22:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.3	18.5
277	23.7	19.0	28.6

