

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027098.D
 Acq On : 14 Aug 2020 22:08
 Operator : JU/CG
 Sample : L3631-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFML7

Manual Integrations
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Quant Time: Aug 17 07:40:42 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	94702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	332502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	212654	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	470367m	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	603657	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	669840	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	5206	2.50	ng/uL	0.00
5) Phenol-d5	6.82	99	99491	13.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	75535	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	82668	14.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	70875	12.35	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	40456	15.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	41913	15.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	87287	15.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	91117	13.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	295229	17.41	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	309367	15.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	30477	10.65	ng/ul	0.00
58) Fluorene-d10	15.27	176	236935	16.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	27102	10.55	ng/ul	0.00
71) Anthracene-d10	17.11	188	357130	15.41	ng/ul	0.00
79) Pyrene-d10	19.41	212	433957	14.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	562050	15.03	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	83474	4.697 ng/ul	100
70) Phenanthrene	17.06	178	129825m	4.604 ng/ul	
77) Fluoranthene	19.07	202	392515m	11.479 ng/ul	
80) Pyrene	19.44	202	360376	8.795 ng/ul	96
83) Benzo(a)anthracene	21.19	228	215167	5.295 ng/ul	94
85) Chrysene	21.24	228	198115	4.967 ng/ul	97
88) Benzo(b)fluoranthene	22.75	252	305774	6.574 ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	90155m	1.956 ng/ul	
91) Benzo(a)pyrene	23.31	252	197941	4.676 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.59	276	143615	2.633 ng/ul	95
94) Benzo(g,h,i)perylene	26.26	276	106548	2.365 ng/ul	96

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

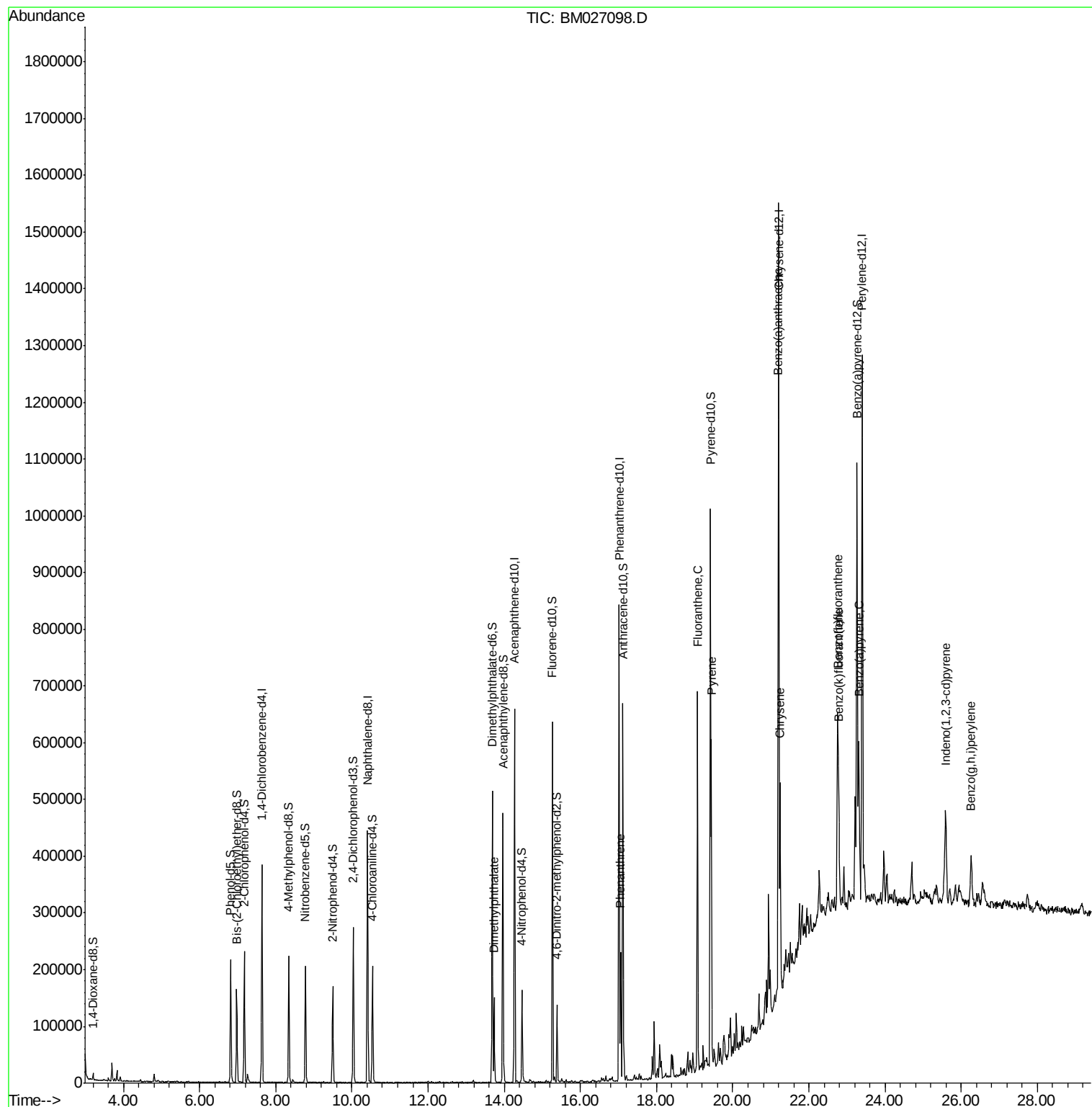
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027098.D
Acq On : 14 Aug 2020 22:08
Operator : JU/CG
Sample : L3631-01
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ALS Vial : 44 Sample Multiplier: 1

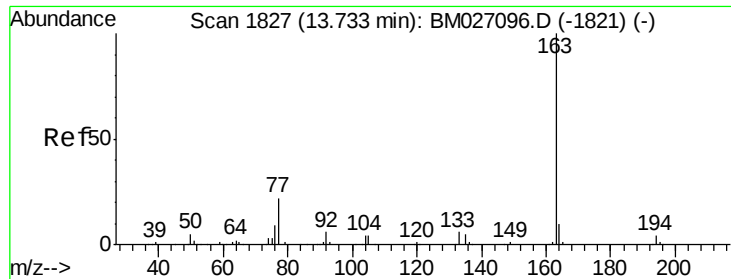
Instrument :
BNA_M
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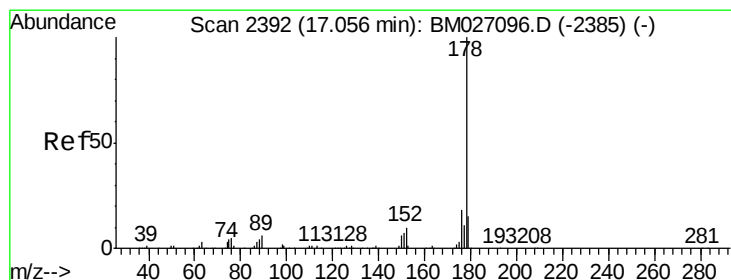
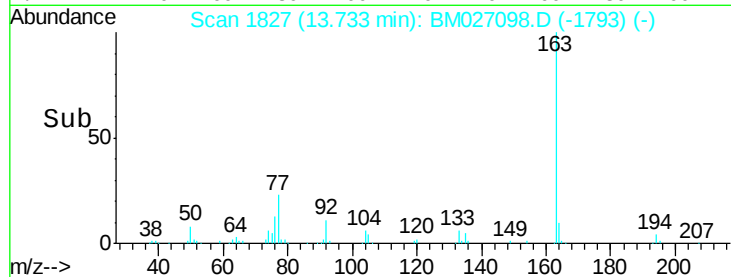
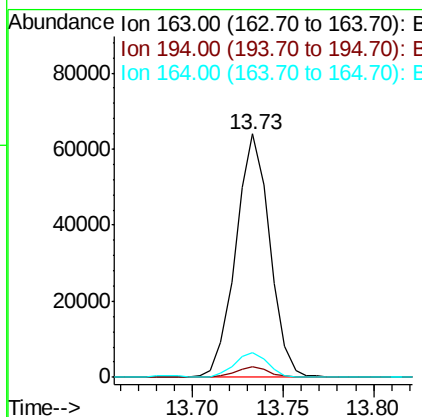
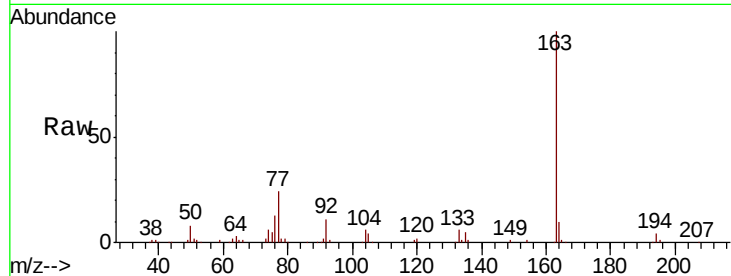
#45
Dimethylphthalate
Concen: 4.697 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027098.D
Acq: 14 Aug 2020 22:08

Instrument :
BNA_M
ClientSampleId :
BFML7

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	8.2	12.2

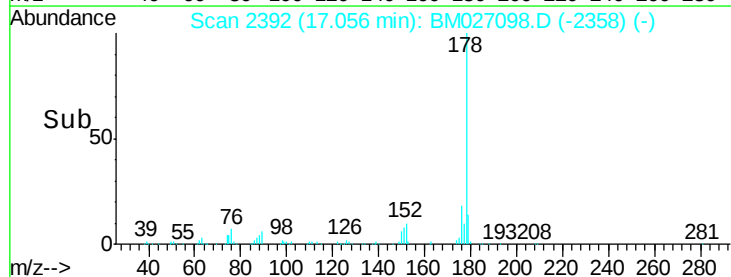
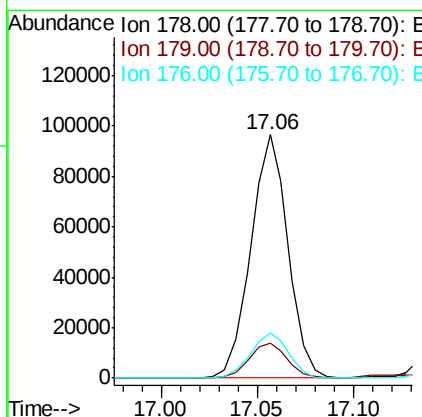
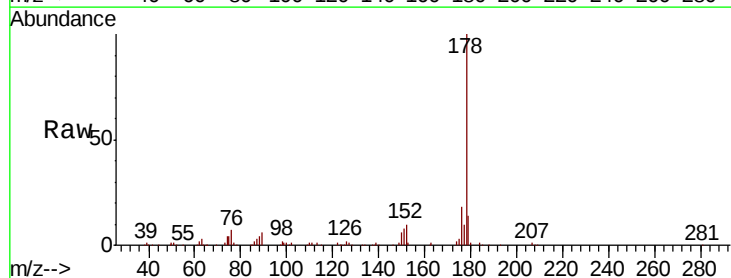
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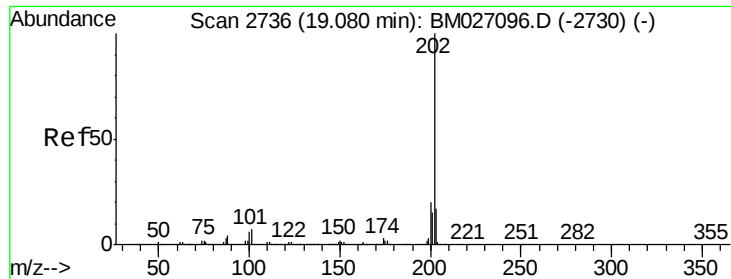
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#70
Phenanthrene
Concen: 4.604 ng/ul m
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027098.D
Acq: 14 Aug 2020 22:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.9	17.9
176	18.4	14.6	22.0





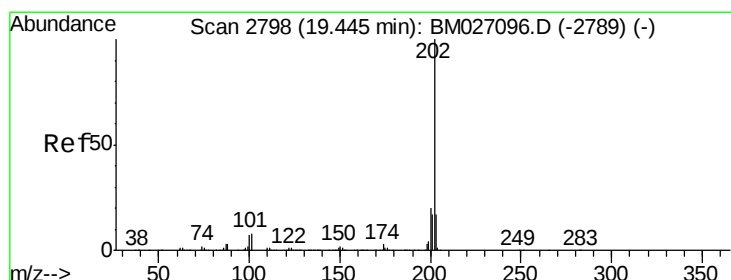
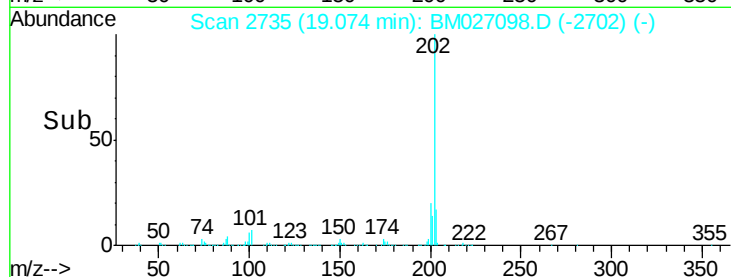
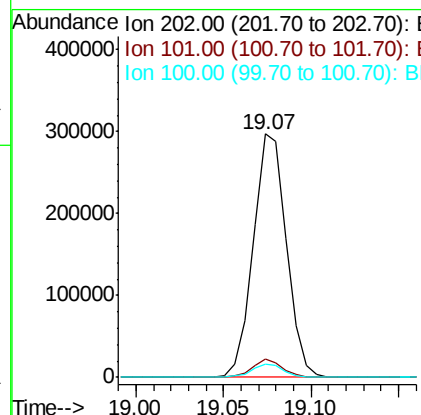
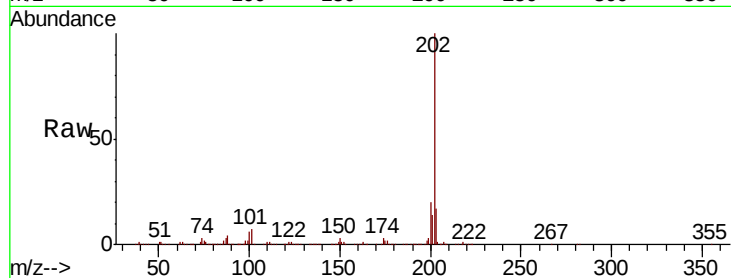
#77
Fluoranthene
 Concen: 11.479 ng/ul m
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: BM027098.D
 Acq: 14 Aug 2020 22:08

Instrument :
 BNA_M
 ClientSampleId :
 BFML7

Tot Ion	Ratio	Resp	Lower	Upper
202	100	392515		
101	7.3	6.7	10.1	
100	5.6	5.4	8.2	

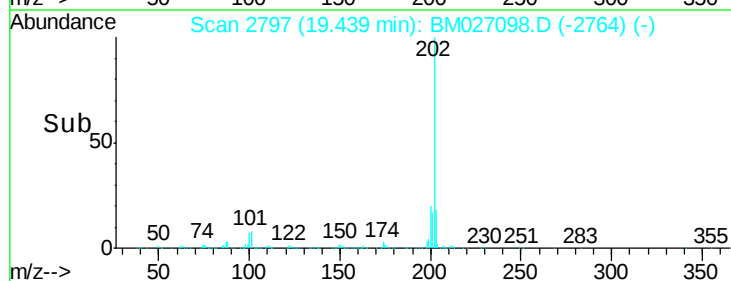
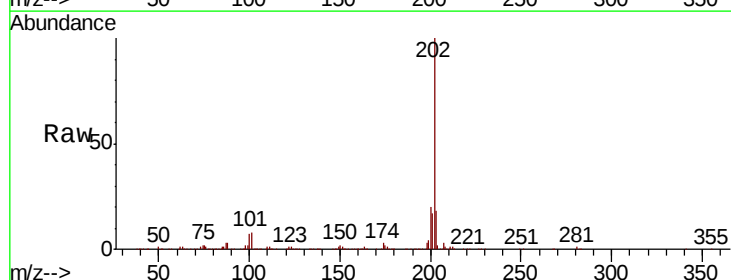
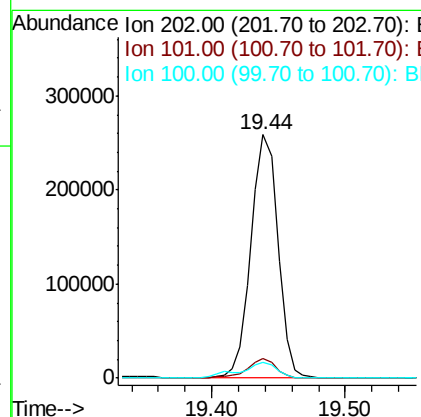
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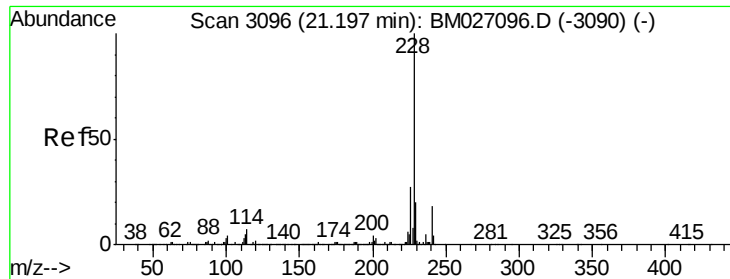
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#80
Pyrene
 Concen: 8.795 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BM027098.D
 Acq: 14 Aug 2020 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	360376		
101	8.2	7.6	11.4	
100	6.7	6.3	9.5	





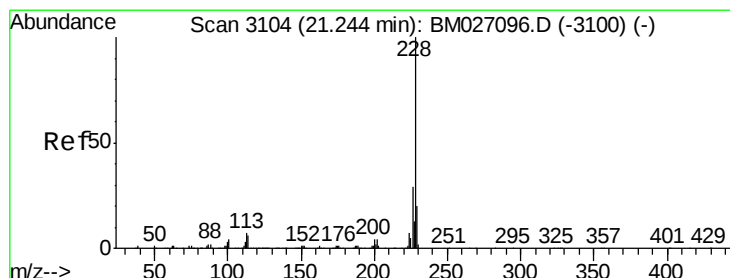
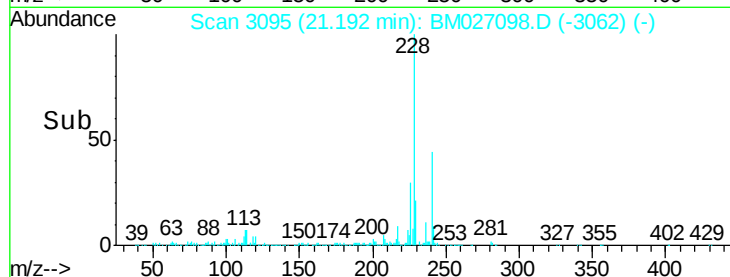
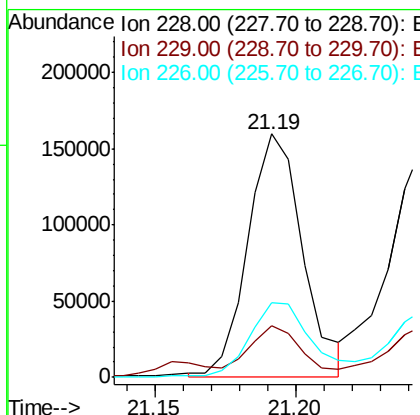
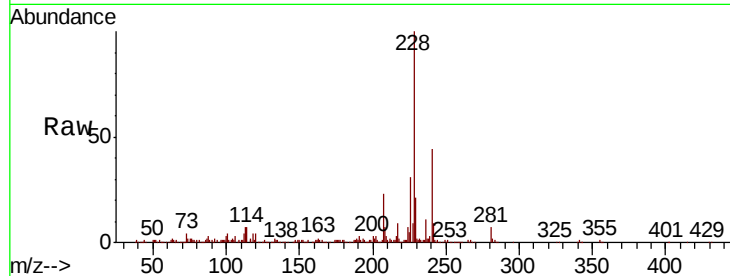
#83
Benzo(a)anthracene
Concen: 5.295 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027098.D
Acq: 14 Aug 2020 22:08

Instrument :
BNA_M
ClientSampleId :
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Tot Ion:228	Resp:	215167
Ion Ratio	Lower	Upper
228 100		
229 21.1	15.8	23.6
226 30.5	21.2	31.8

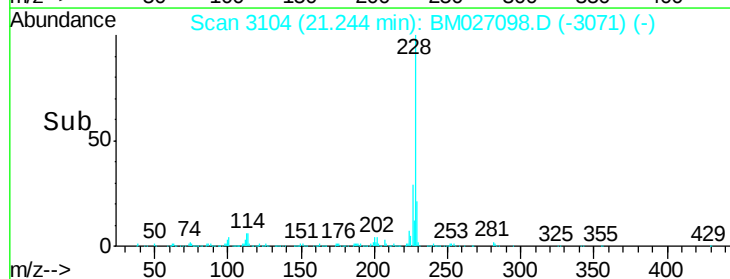
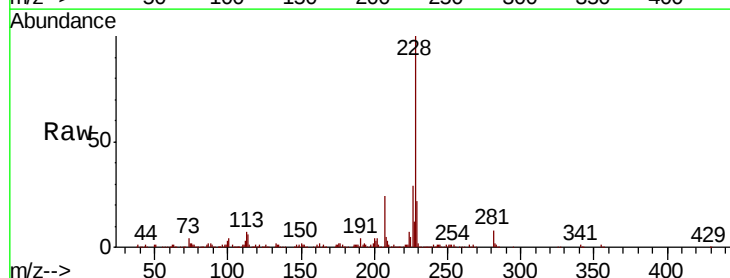
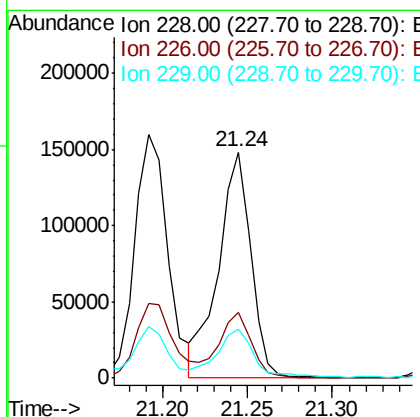
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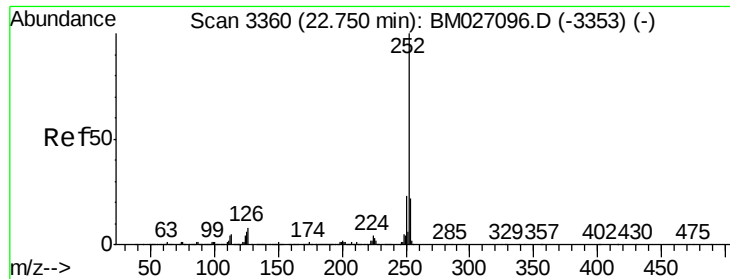
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#85
Chrysene
Concen: 4.967 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027098.D
Acq: 14 Aug 2020 22:08

Tgt Ion:228	Resp:	198115
Ion Ratio	Lower	Upper
228 100		
226 28.9	23.8	35.6
229 21.8	15.8	23.8





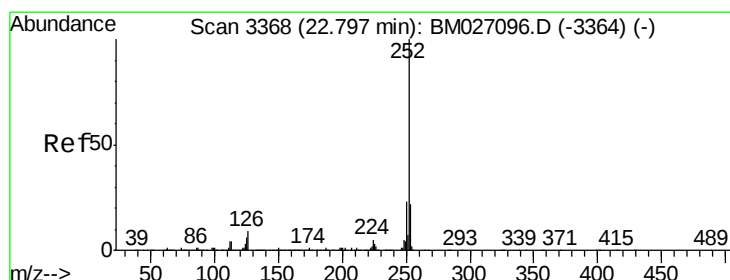
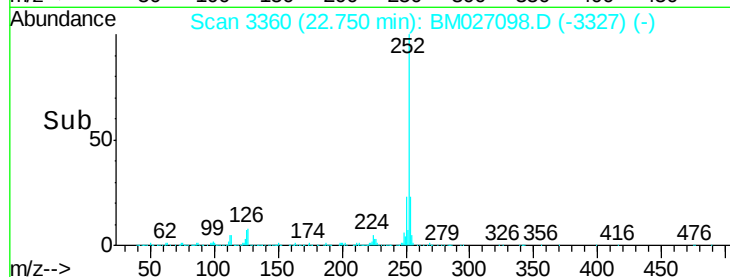
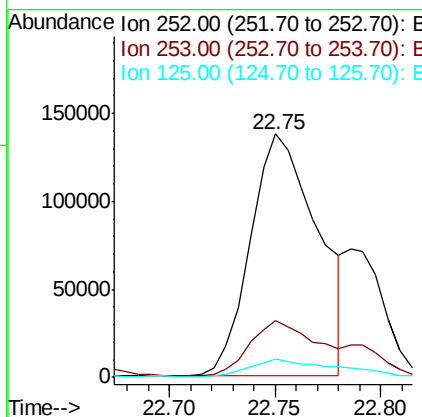
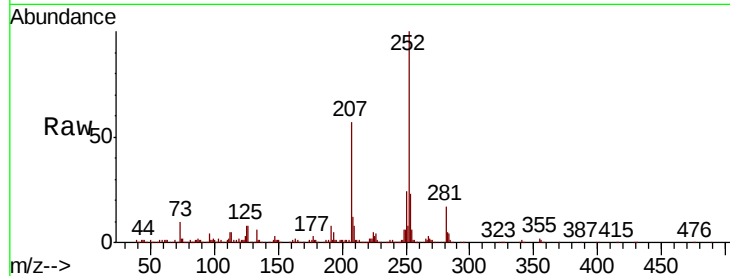
#88
Benzo(b)fluoranthene
Concen: 6.574 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM027098.D
Acq: 14 Aug 2020 22:08

Instrument :
BNA_M
ClientSampleId :
BFML7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	7.7	6.0	9.0

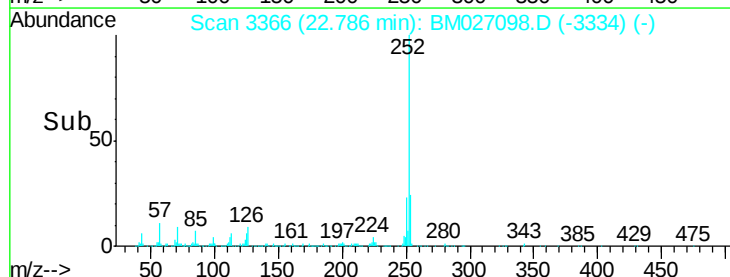
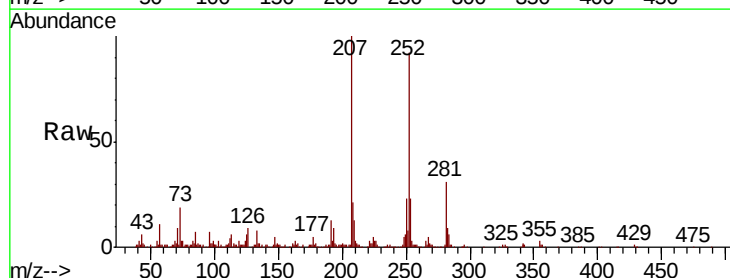
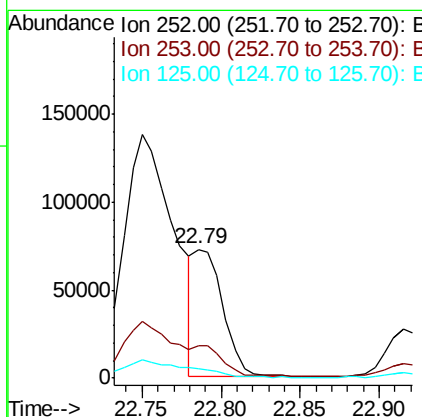
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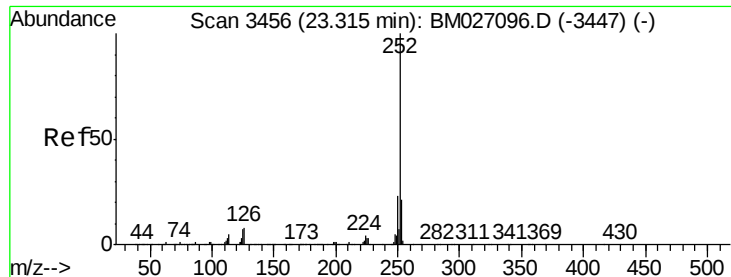
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#89
Benzo(k)fluoranthene
Concen: 1.956 ng/ul m
RT: 22.79 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM027098.D
Acq: 14 Aug 2020 22:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	6.9	5.5	8.3





#91

Benzo(a)pyrene

Concen: 4.676 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

Instrument :

BNA_M

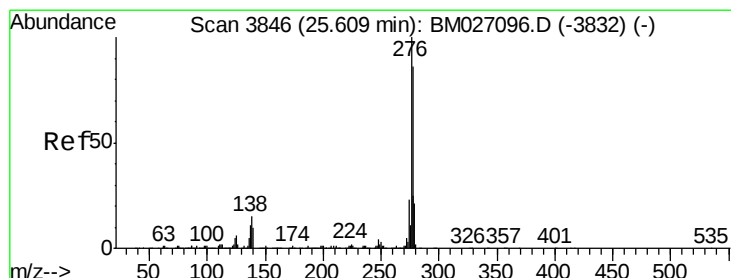
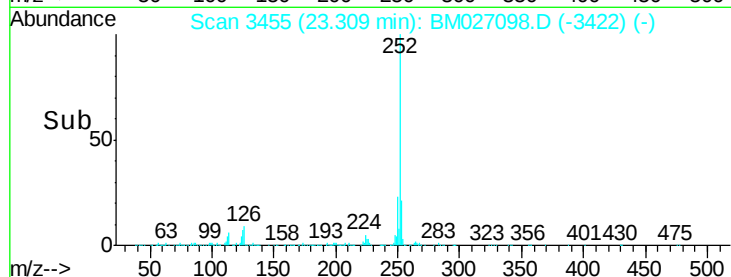
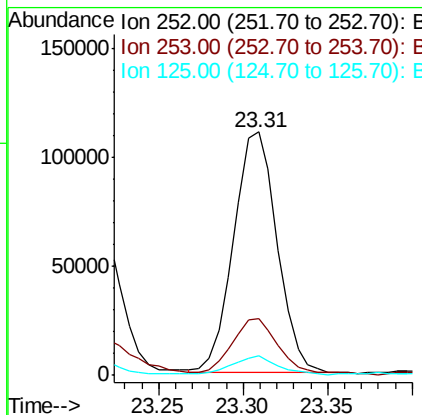
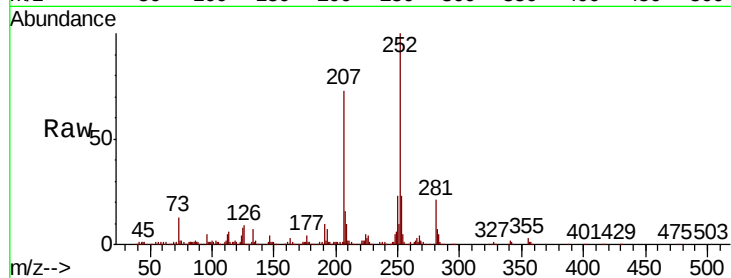
ClientSampled :

BFML7

Tot Ion:	252	Resp:	197941
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.0	25.4
125	7.9	5.8	8.8

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.633 ng/ul

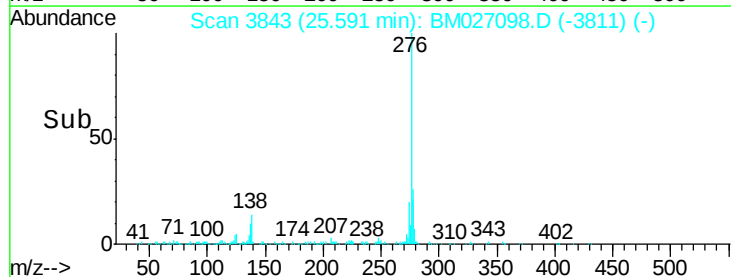
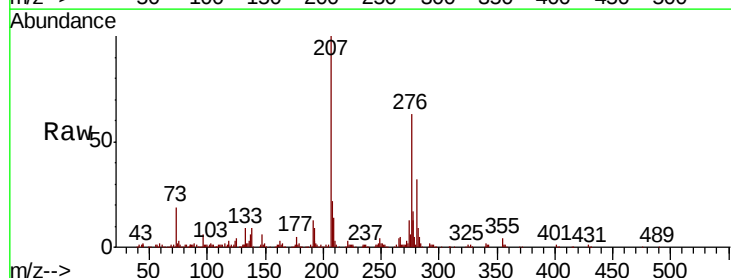
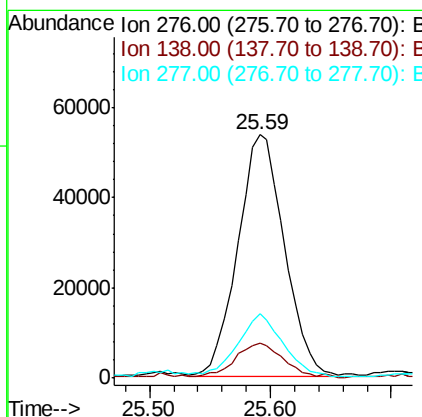
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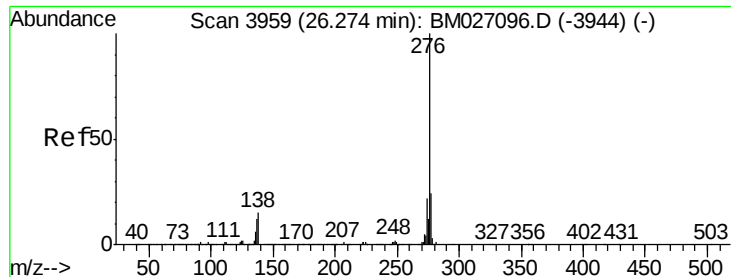
Delta R.T. -0.01 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

Tgt Ion:	276	Resp:	143615
Ion Ratio	Lower	Upper	
276	100		
138	14.2	13.9	20.9
277	26.5	19.8	29.8





#94

Benzo(a,h,i)perylene

Concen: 2.365 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. -0.02 min

Lab File: BM027098.D

Acq: 14 Aug 2020 22:08

Instrument :

BNA_M

ClientSampleId :

BFML7

Tot Ion:	276	Resp:	106548
Ion Ratio		Lower	Upper
276	100		
138	13.5	12.3	18.5
277	21.6	19.0	28.6

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