

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027101.D
 Acq On : 14 Aug 2020 23:57
 Operator : JU/CG
 Sample : L3631-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMM4

Manual Integrations
 APPROVED

mohammad
 8/19/2020 8:19:00 AM

Quant Time: Aug 17 03:00:17 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	138416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	496553	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	322182	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	687212	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	769677	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	784346	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	6868	2.25	ng/uL	0.00
5) Phenol-d5	6.82	99	147381	13.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	105123	14.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	119436	14.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	112047	13.35	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	58023	14.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	61546	15.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	130107	15.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	108378	10.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	419223	16.32	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	470539	15.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	47870	11.04	ng/ul	0.00
58) Fluorene-d10	15.27	176	345778	15.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	37846	10.08	ng/ul	0.00
71) Anthracene-d10	17.11	188	516478	15.26	ng/ul	0.00
79) Pyrene-d10	19.41	212	578502	15.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	635580	14.52	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	6.85	94	21240	1.872	ng/ul	97
45) Dimethylphthalate	13.73	163	62793	2.332	ng/ul#	99
70) Phenanthrene	17.06	178	245741	5.965	ng/ul	99
77) Fluoranthene	19.07	202	494884	9.906	ng/ul	99
80) Pyrene	19.44	202	466053	8.921	ng/ul	99
83) Benzo(a)anthracene	21.19	228	221860	4.282	ng/ul	95
85) Chrysene	21.24	228	269341	5.296	ng/ul	97
88) Benzo(b)fluoranthene	22.75	252	365311	6.707	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	102077m	1.891	ng/ul	
91) Benzo(a)pyrene	23.31	252	216900	4.376	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.59	276	163662	2.563	ng/ul	98
94) Benzo(g,h,i)perylene	26.26	276	139450	2.643	ng/ul	99

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

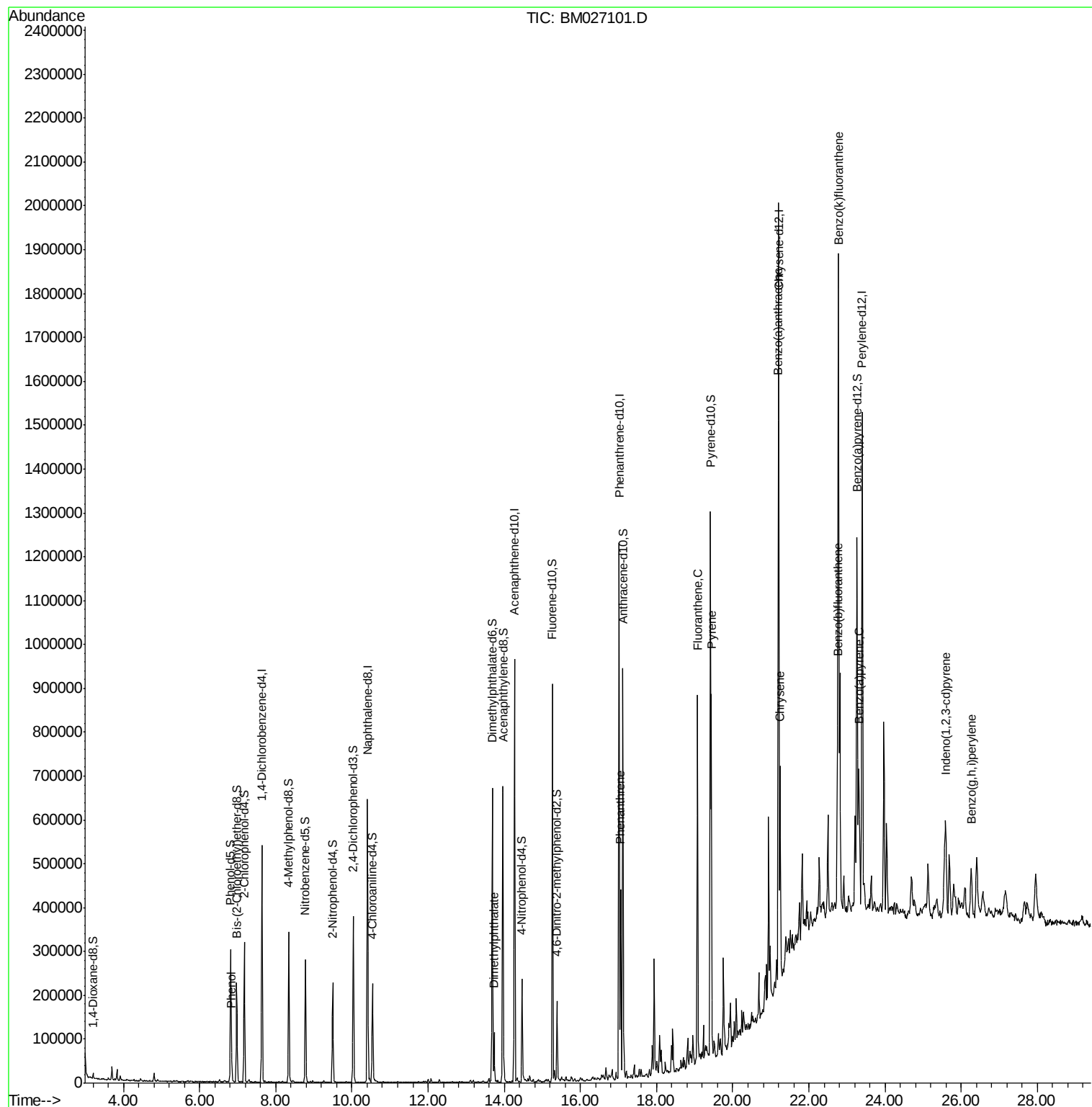
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027101.D
Acq On : 14 Aug 2020 23:57
Operator : JU/CG
Sample : L3631-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

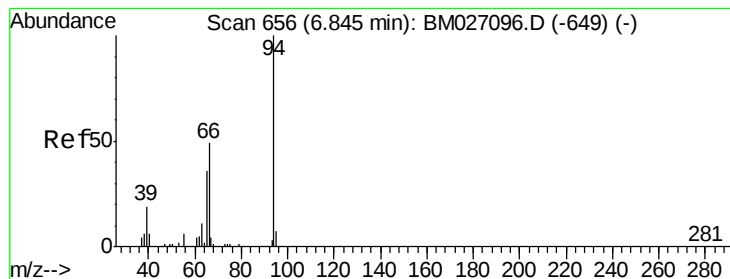
Instrument :
BNA_M
ClientSampleId :
BFMM4

Quant Time: Aug 17 03:00:17 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

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#6

Phenol

Concen: 1.872 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM027101.D

Acq: 14 Aug 2020 23:57

Instrument :

BNA_M

ClientSampled :

BFMM4

Tot Ion: 94 Resp: 21240

Ion Ratio Lower Upper

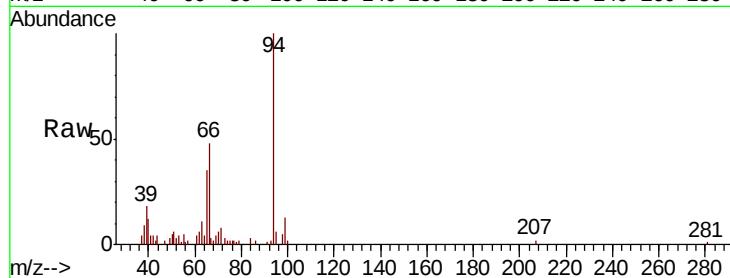
94 100

65 34.7 28.6 43.0

66 48.4 41.3 61.9

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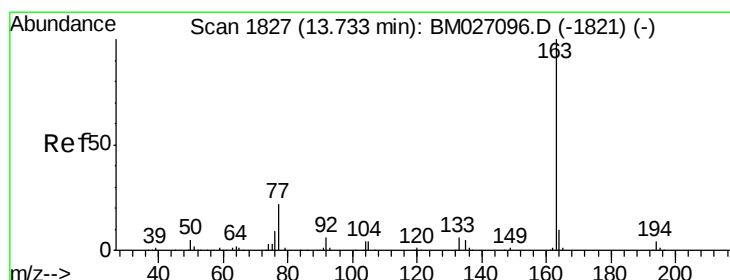
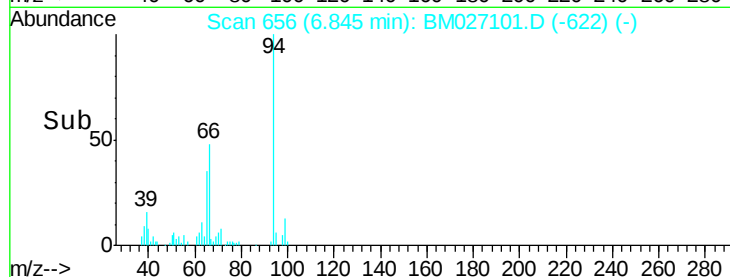
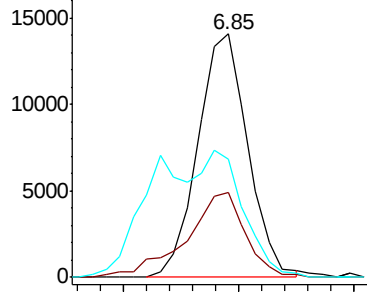
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Abundance Ion 94.00 (93.70 to 94.70): BM027096.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM027096.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM027096.D (-649) (-)



#45

Dimethylphthalate

Concen: 2.332 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM027101.D

Acq: 14 Aug 2020 23:57

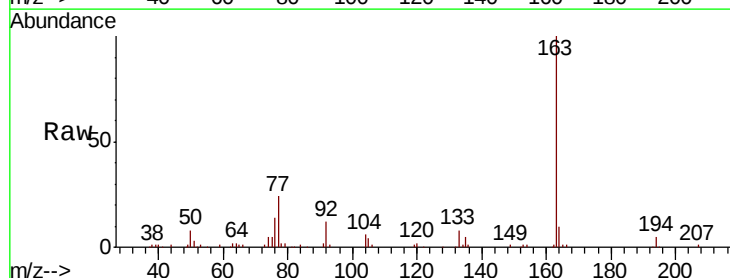
Tgt Ion: 163 Resp: 62793

Ion Ratio Lower Upper

163 100

194 4.8 3.2 4.8#

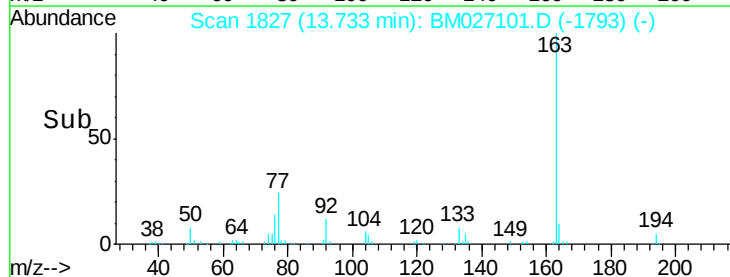
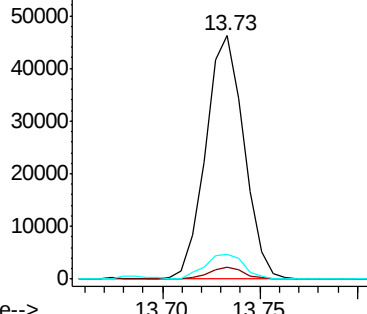
164 9.9 8.2 12.2

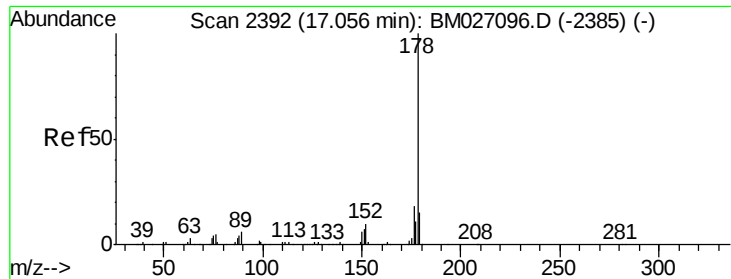


Abundance Ion 163.00 (162.70 to 163.70): BM027096.D (-1821) (-)

Ion 194.00 (193.70 to 194.70): BM027096.D (-1821) (-)

Ion 164.00 (163.70 to 164.70): BM027096.D (-1821) (-)





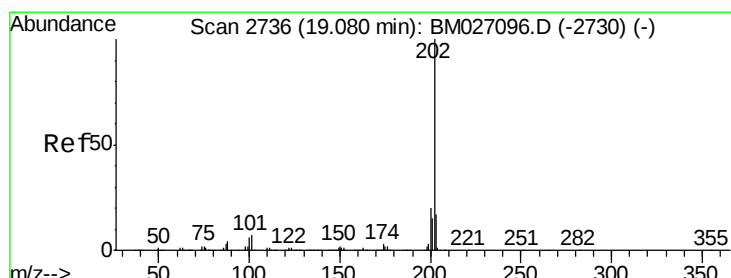
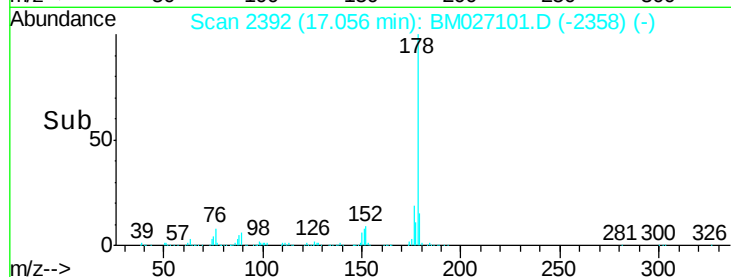
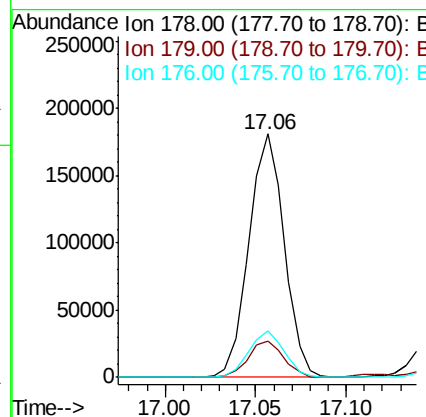
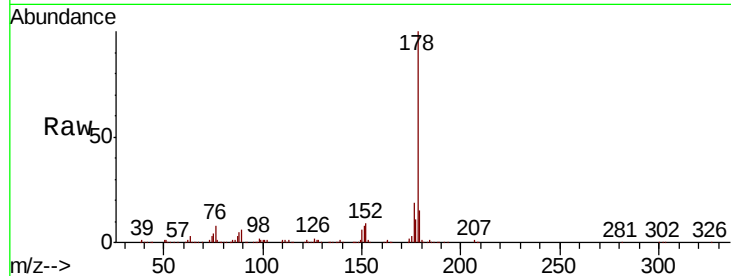
#70
Phenanthrene
Concen: 5.965 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Instrument :
BNA_M
ClientSampleId :
BFMM4

Tot Ion:	178	Resp:	245741
Ion Ratio	Lower	Upper	
178	100		
179	14.8	11.9	17.9
176	18.9	14.6	22.0

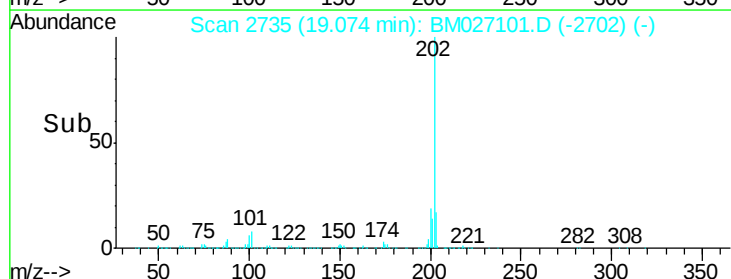
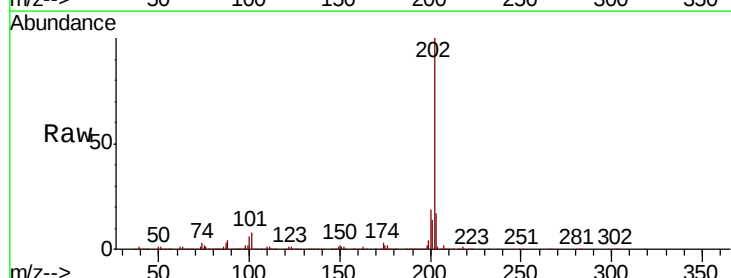
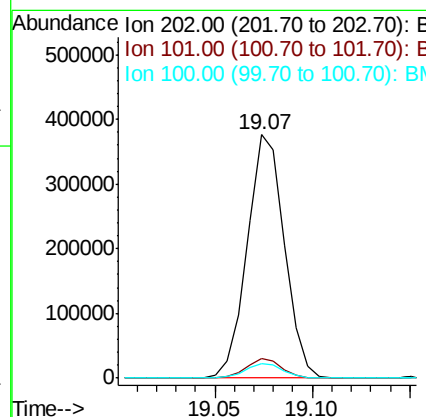
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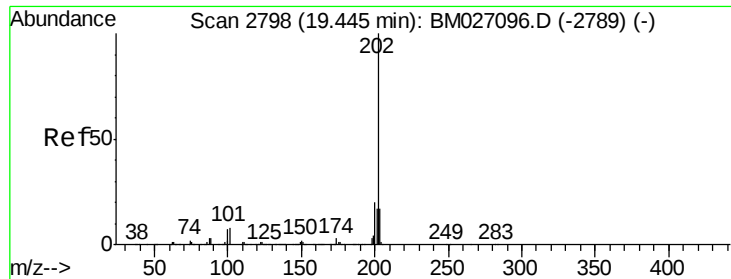
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#77
Fluoranthene
Concen: 9.906 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Tgt Ion:	202	Resp:	494884
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.7	10.1
100	6.1	5.4	8.2





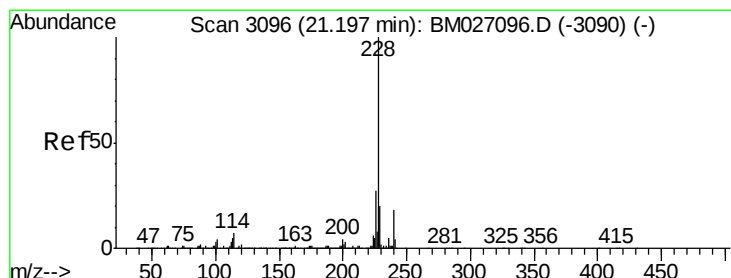
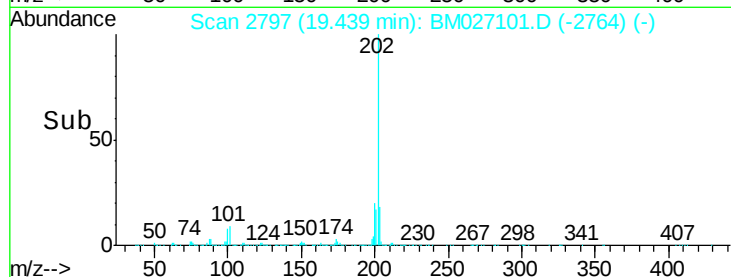
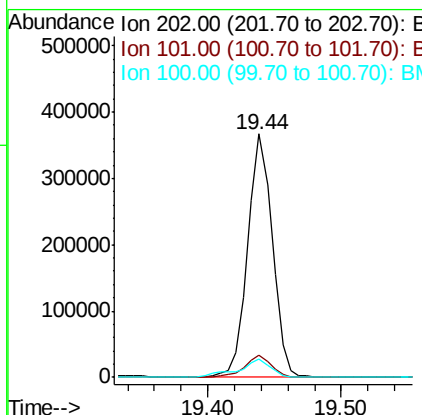
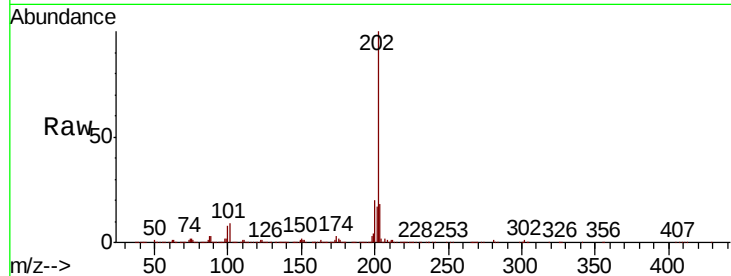
#80
Pvrene
Concen: 8.921 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Instrument :
BNA_M
ClientSampleID :
BFMM4

Tot Ion	Ratio	Resp	Lower	Upper
202	100	466053		
101	9.3	7.6	11.4	
100	7.6	6.3	9.5	

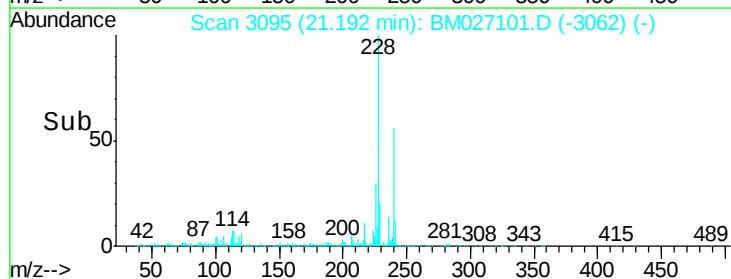
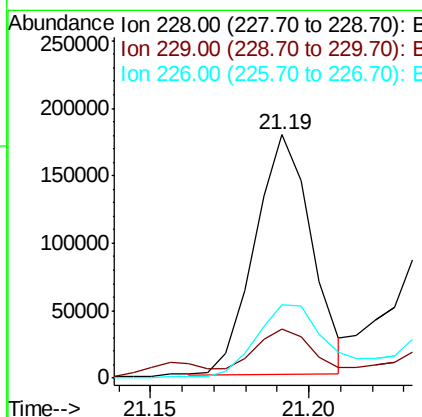
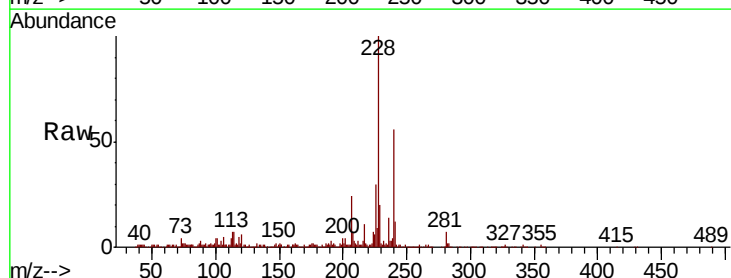
Manual Integrations
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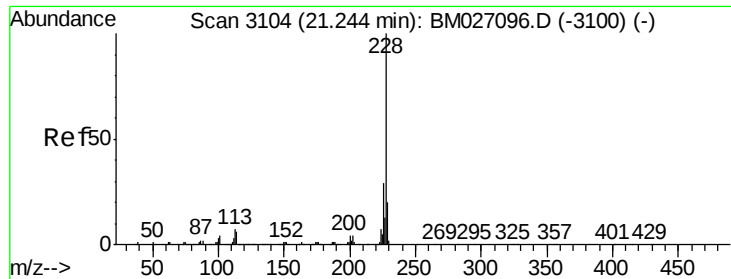
mohammad
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#83
Benzo(a)anthracene
Concen: 4.282 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	221860		
229	20.4	15.8	23.6	
226	30.2	21.2	31.8	





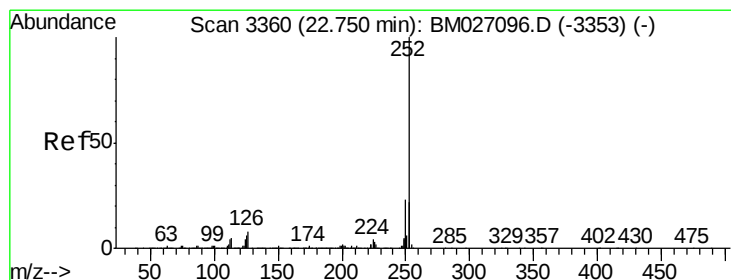
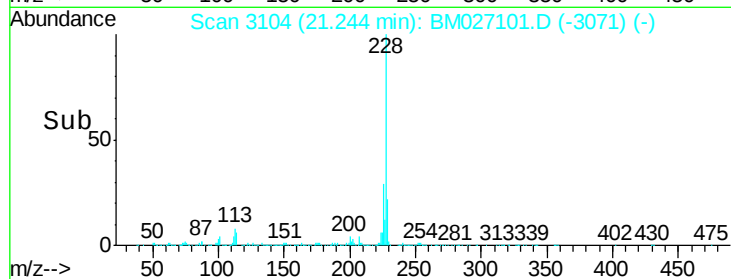
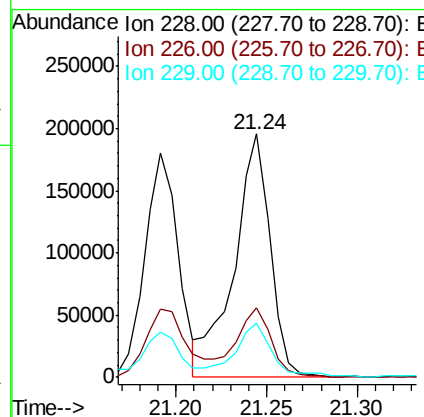
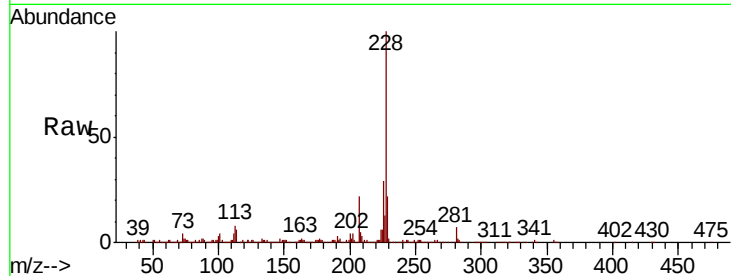
#85
Chrysene
Concen: 5.296 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Instrument :
BNA_M
ClientSampled :
BFMM4

Tot Ion:	228	Resp:	269341
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.8	35.6
229	22.2	15.8	23.8

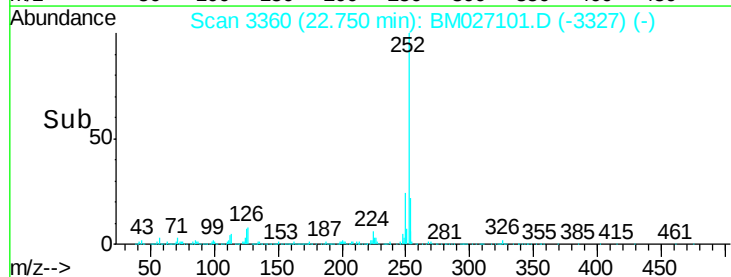
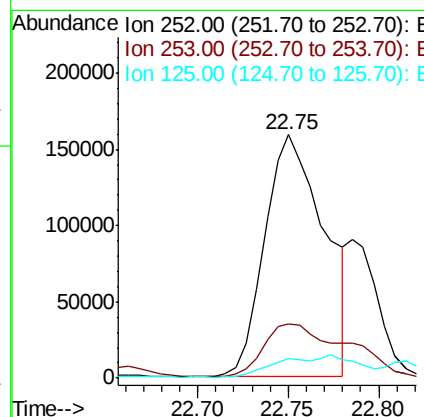
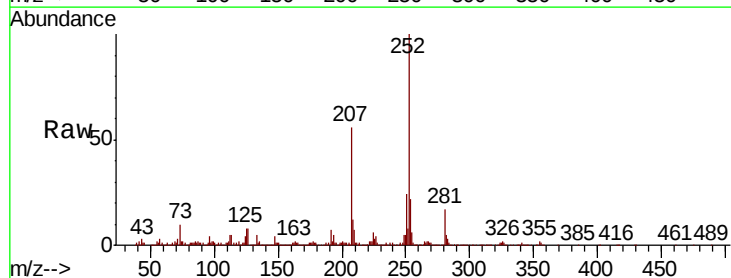
Manual Integrations
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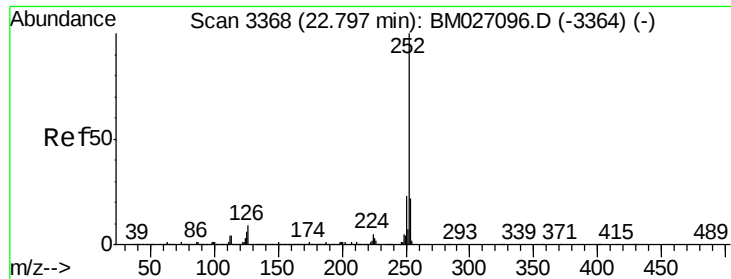
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#88
Benzo(b)fluoranthene
Concen: 6.707 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Tgt Ion:	252	Resp:	365311
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	7.8	6.0	9.0





#89

Benzo(k)fluoranthene

Concen: 1.891 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BM027101.D

Acq: 14 Aug 2020 23:57

Instrument :

BNA_M

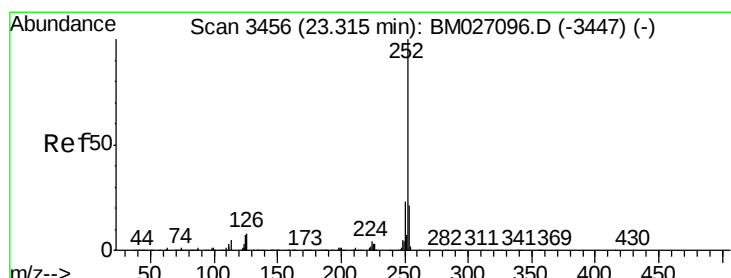
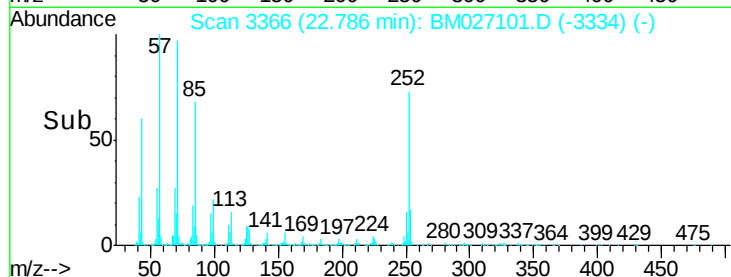
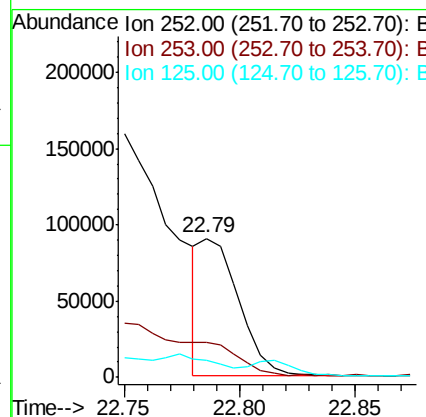
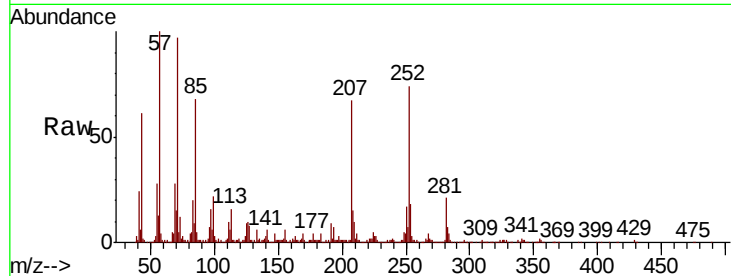
ClientSampled :

BFMM4

Tot Ion:	252	Resp:	102077
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.2	25.8
125	12.3	5.5	8.3#

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#91

Benzo(a)pyrene

Concen: 4.376 ng/ul

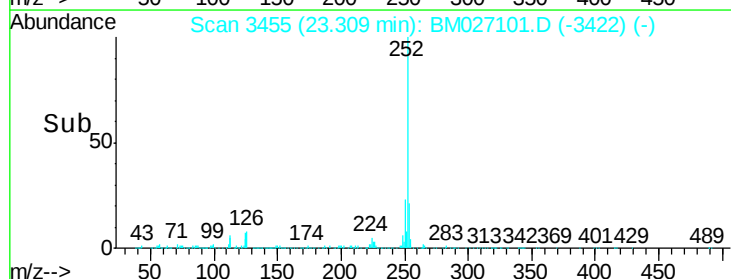
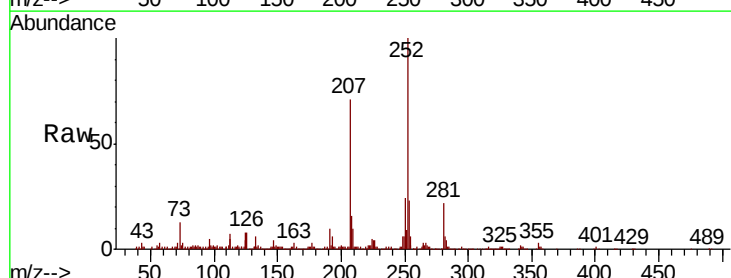
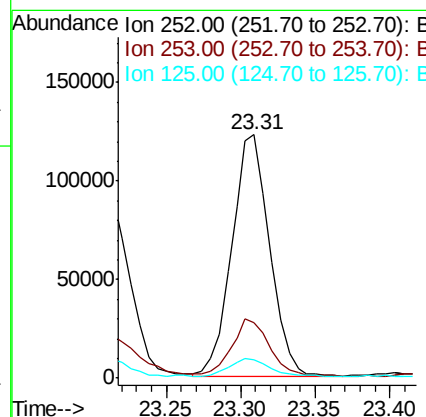
RT: 23.31 min Scan# 3455

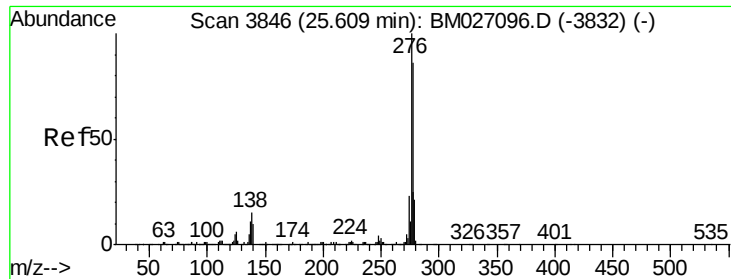
Delta R.T. -0.01 min

Lab File: BM027101.D

Acq: 14 Aug 2020 23:57

Tgt Ion:	252	Resp:	216900
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.0	25.4
125	7.5	5.8	8.8





#92

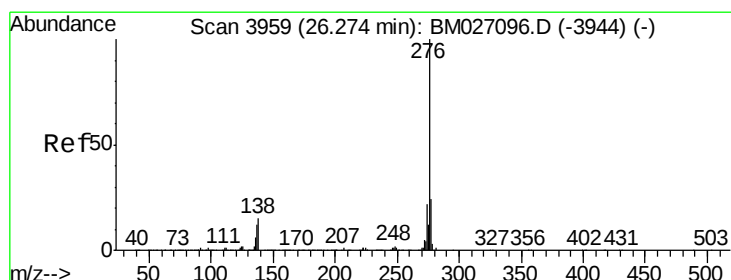
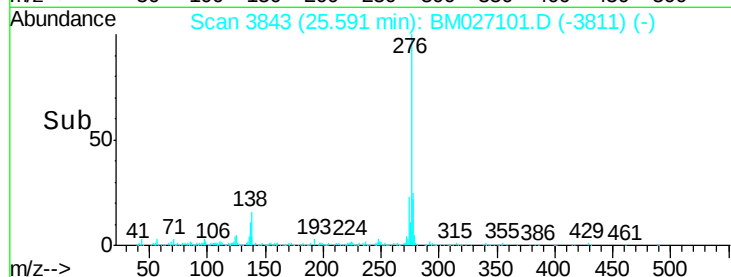
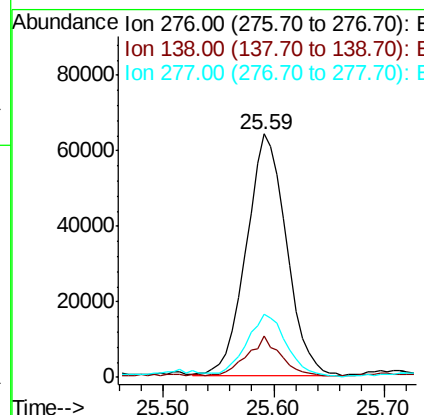
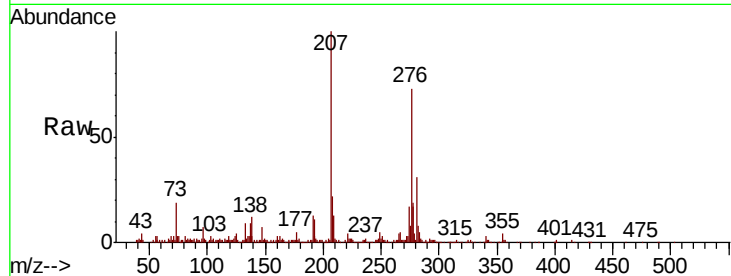
Indeno(1,2,3-cd)pyrene
Concen: 2.563 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Instrument :
BNA_M
ClientSampleId :
BFMM4

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	13.9	20.9
277	25.7	19.8	29.8

Manual Integrations
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#94

Benzo(g,h,i)perylene
Concen: 2.643 ng/ul
RT: 26.26 min Scan# 3956
Delta R.T. -0.02 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.3	18.5
277	24.2	19.0	28.6

