

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
 Data File : BM019791.D
 Acq On : 08 Apr 2019 12:52
 Operator : JU/SJ
 Sample : K2254-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC30

Manual Integrations
 APPROVED

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Quant Time: Apr 09 06:50:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 06:31:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	119964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	581299	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	358044	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	824142	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	910203	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	882301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	18656	6.09	ng/uL	0.00
5) Phenol-d5	6.75	99	160447	15.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	107933	15.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	133199	16.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	132263	16.49	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	61375	14.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	69700	15.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	132442	15.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	170644	16.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	511581	17.71	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	581910	16.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	36728m	8.11	ng/ul	0.03
58) Fluorene-d10	15.22	176	435062	17.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	33159	6.08	ng/ul	0.00
71) Anthracene-d10	17.08	188	685440	17.33	ng/ul	0.00
79) Pyrene-d10	19.39	212	771370	18.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	685526	14.66	ng/ul	0.00

Target Compounds

					Qvalue	
45) Dimethylphthalate	13.69	163	122363	4.221	ng/ul	99
70) Phenanthrene	17.02	178	183938	3.936	ng/ul	99
77) Fluoranthene	19.05	202	256341	4.787	ng/ul#	88
80) Pyrene	19.42	202	203299	3.713	ng/ul#	88
83) Benzo(a)anthracene	21.17	228	109251	1.994	ng/ul	99
85) Chrysene	21.23	228	94427	1.796	ng/ul	99
88) Benzo(b)fluoranthene	22.73	252	94965	1.767	ng/ul#	96
91) Benzo(a)pyrene	23.30	252	57799	1.125	ng/ul#	95

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

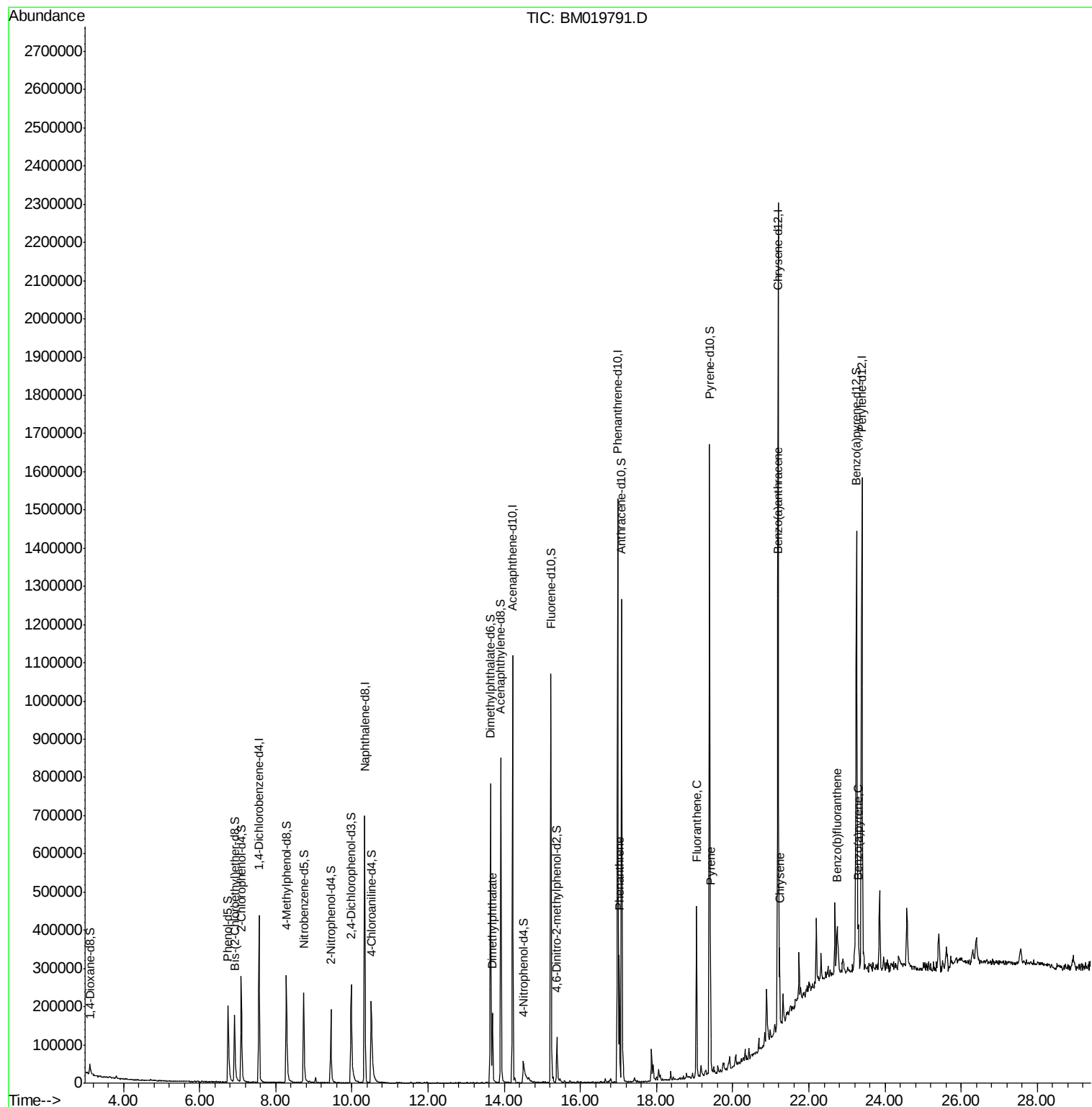
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019791.D
Acq On : 08 Apr 2019 12:52
Operator : JU/SJ
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ALS Vial : 6 Sample Multiplier: 1

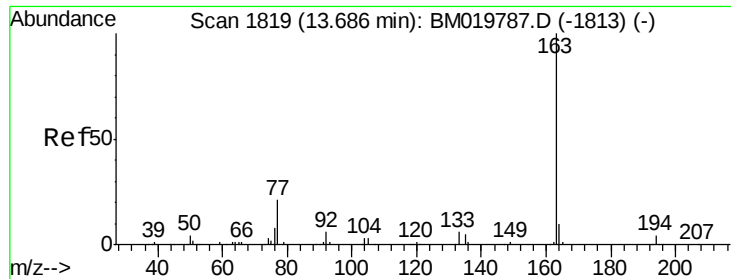
Instrument :
BNA_M
ClientSampleId :
BFC30

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Manual Integrations
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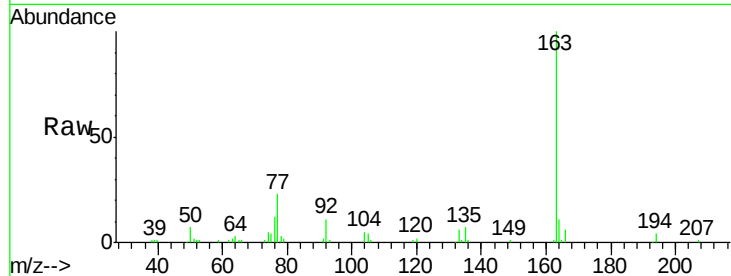
#45
Dimethylphthalate
Concen: 4.221 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM019791.D
Acq: 08 Apr 2019 12:52

Instrument :
BNA_M
ClientSampled :
BFC30

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	4.0	6.0
164	10.5	8.4	12.6

Manual Integrations
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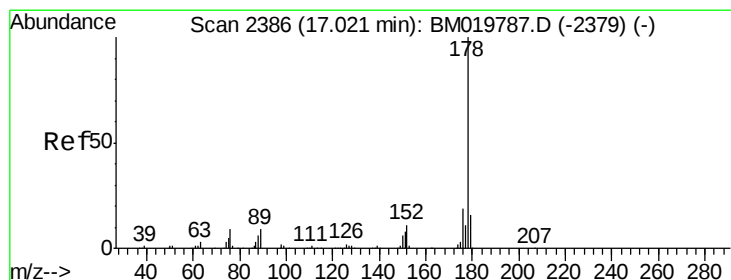
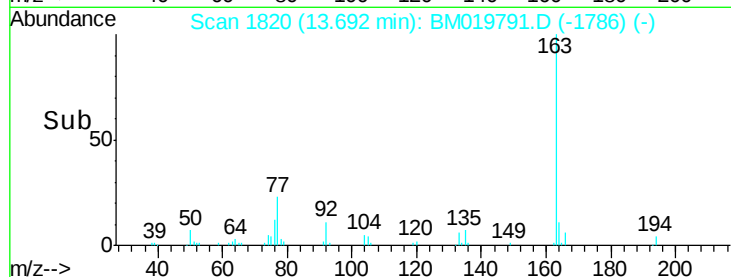
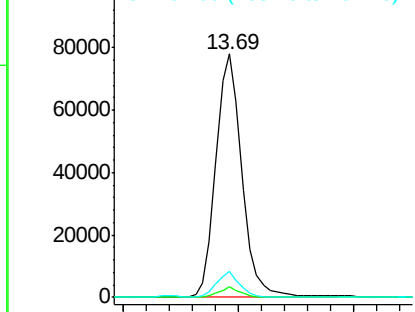


Abundance

Ion 163.00 (162.70 to 163.70): E

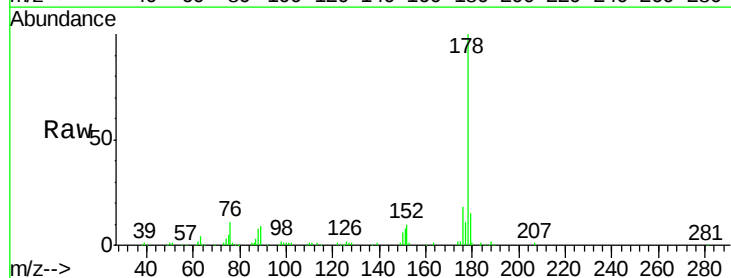
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 3.936 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019791.D
Acq: 08 Apr 2019 12:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.5	12.3	18.5
176	18.2	15.4	23.0

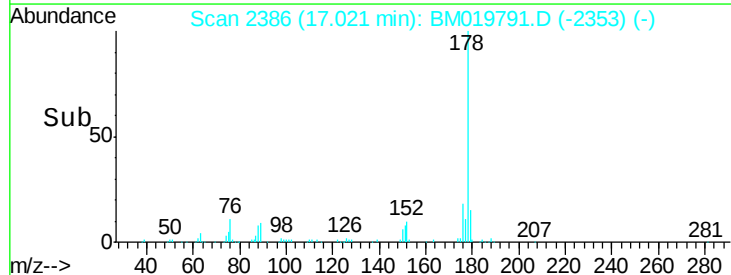
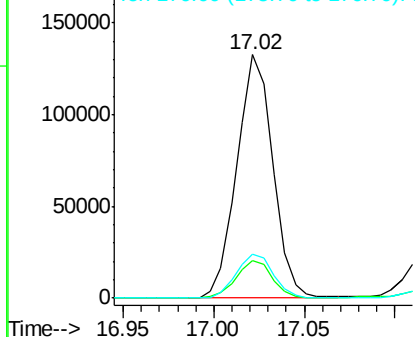


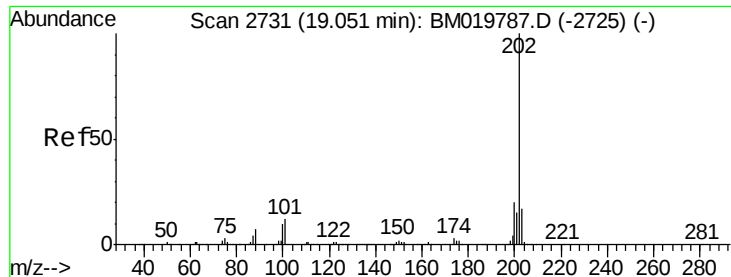
Abundance

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





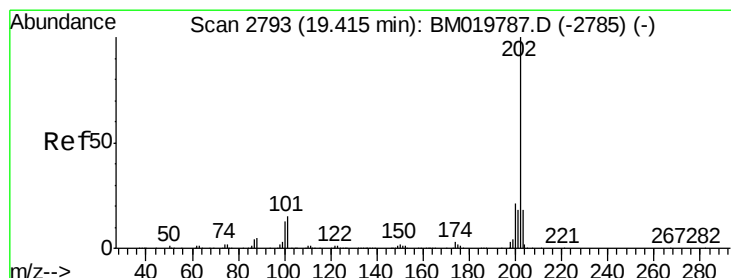
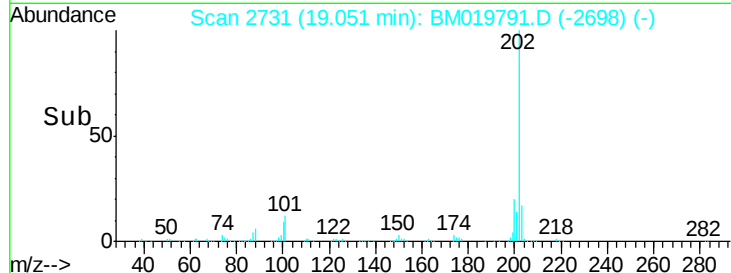
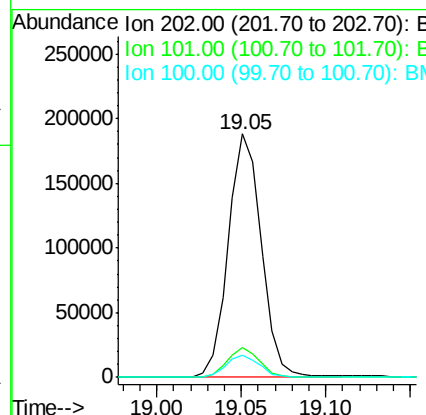
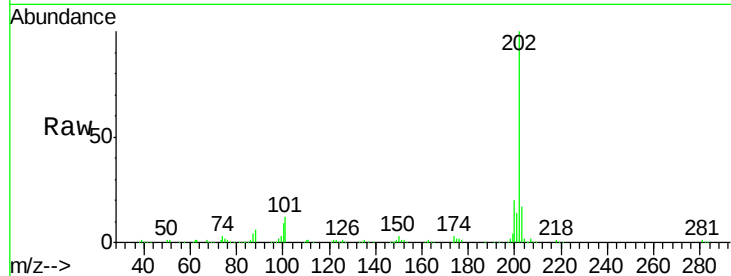
#77
Fluoranthene
Concen: 4.787 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BM019791.D
Acq: 08 Apr 2019 12:52

Instrument :
BNA_M
ClientSampled :
BFC30

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.2	6.1	9.1#
100	9.3	4.6	7.0#

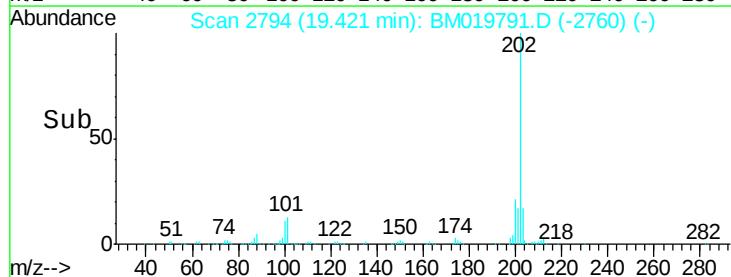
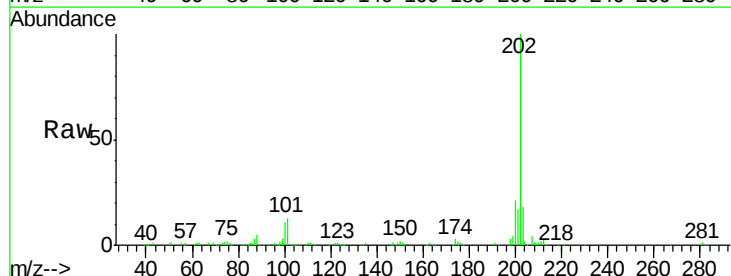
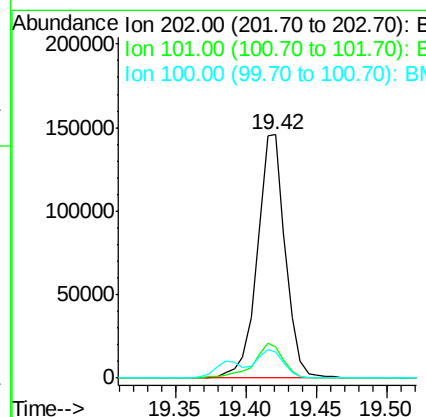
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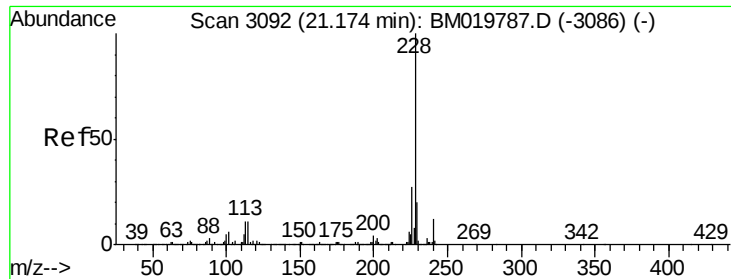
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#80
Pyrene
Concen: 3.713 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BM019791.D
Acq: 08 Apr 2019 12:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.8	6.9	10.3#
100	10.9	5.6	8.4#





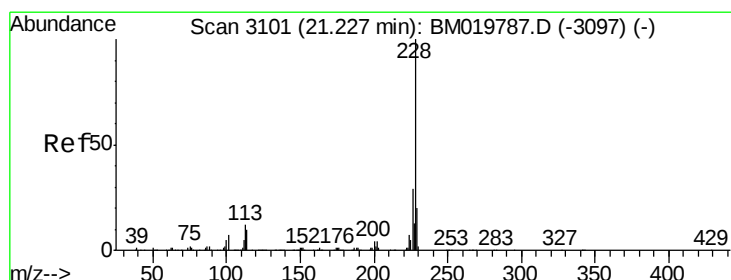
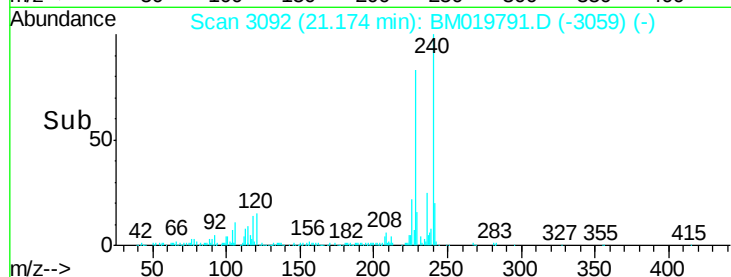
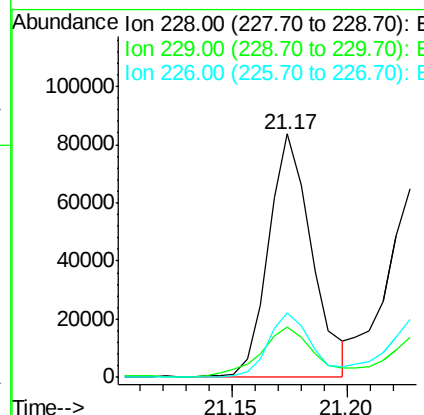
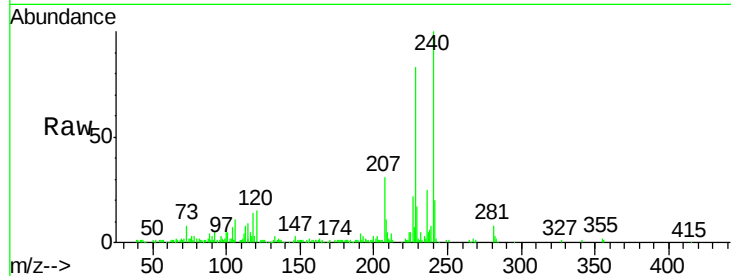
#83
Benzo(a)anthracene
Concen: 1.994 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019791.D
Acq: 08 Apr 2019 12:52

Instrument :
BNA_M
ClientSampleId :
BFC30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	26.7	21.8	32.8

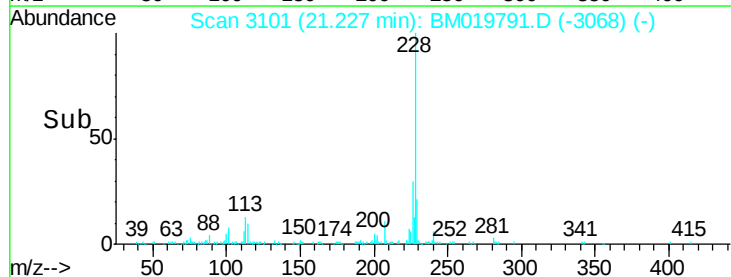
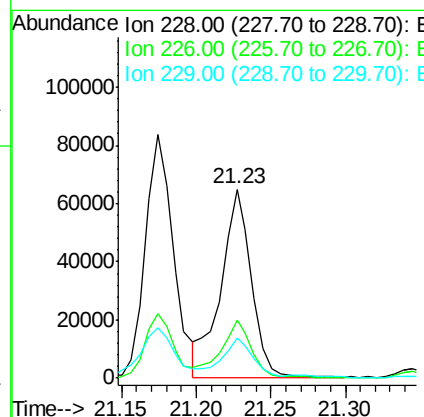
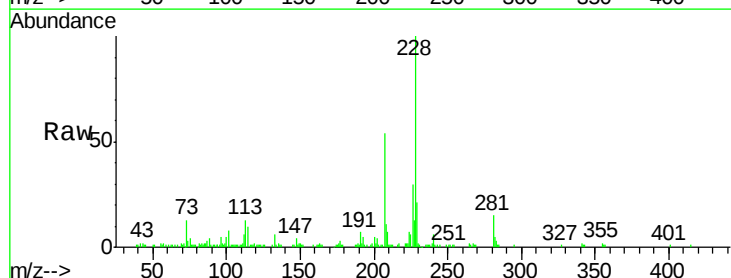
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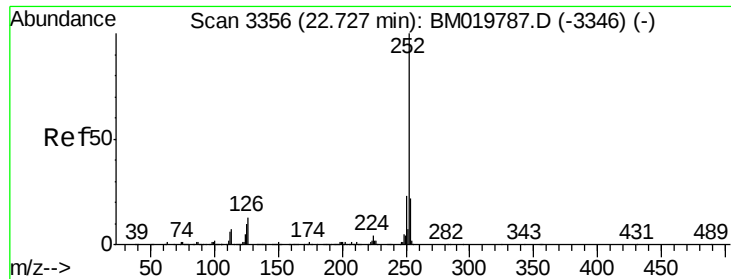
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#85
Chrysene
Concen: 1.796 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM019791.D
Acq: 08 Apr 2019 12:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	21.0	16.0	24.0





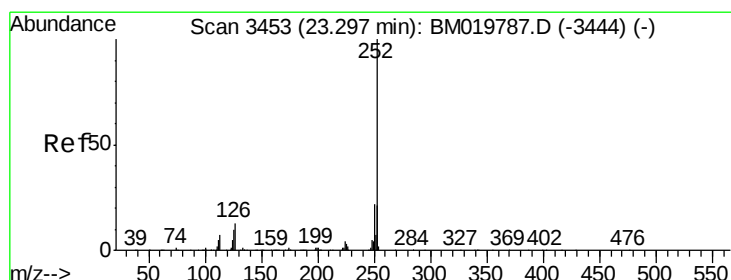
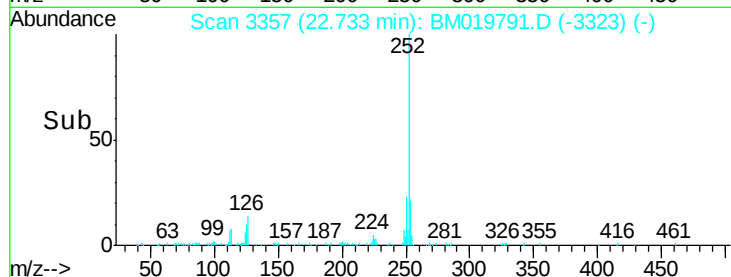
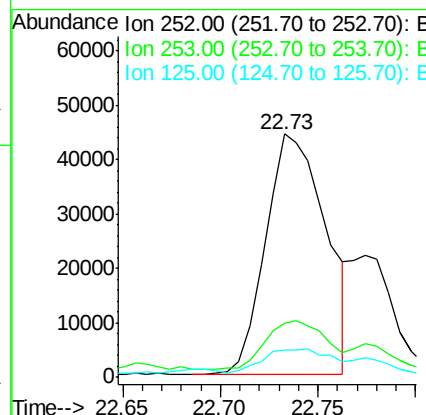
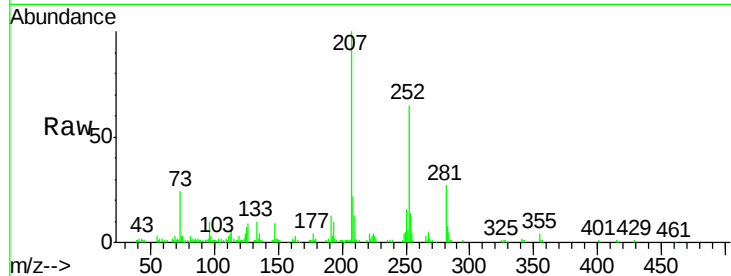
#88
Benzo(b)fluoranthene
Concen: 1.767 ng/ul
RT: 22.73 min Scan# 3357
Delta R.T. 0.00 min
Lab File: BM019791.D
Acq: 08 Apr 2019 12:52

Instrument :
BNA_M
ClientSampled :
BFC30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	11.3	4.9	7.3#

Manual Integrations
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#91
Benzo(a)pyrene
Concen: 1.125 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM019791.D
Acq: 08 Apr 2019 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	10.9	5.8	8.6#

