

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030859.D
 Acq On : 07 Jul 2021 16:29
 Operator : CG/JU
 Sample : M2854-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDW7

Manual Integrations
 APPROVED

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Quant Time: Jul 07 17:02:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	85136	20.000	ng/u1	0.00
20) Naphthalene-d8	10.545	136	357808	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	228717	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	454085	20.000	ng/u1	0.00
79) Chrysene-d12	21.303	240	340463	20.000	ng/u1	0.00
88) Perylene-d12	23.550	264	322222	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	5571	2.557	ng/uL	0.00
4) Pyridine-d5	3.693	84	41841	7.344	ng/u1	0.02
7) Phenol-d5	6.934	99	103593	13.926	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	74417	15.530	ng/u1	0.00
11) 2-Chlorophenol-d4	7.298	132	87914	15.403	ng/u1	0.00
15) 4-Methylphenol-d8	8.463	113	84890	14.239	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	41074	15.434	ng/u1	0.00
24) 2-Nitrophenol-d4	9.639	143	42352	14.545	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	79984	14.274	ng/u1	0.00
31) 4-Chloroaniline-d4	10.692	131	105932	13.312	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	289179	18.060	ng/u1	0.00
49) Acenaphthylene-d8	14.086	160	328114	16.222	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	23658	8.490	ng/u1	0.01
60) Fluorene-d10	15.386	176	248469	17.622	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	25247	8.671	ng/u1	0.00
73) Anthracene-d10	17.227	188	367030	17.345	ng/u1	0.00
81) Pyrene-d10	19.521	212	287683	15.321	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.409	264	145355	8.739	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.174	178	58304	2.406	ng/u1	99
74) Anthracene	17.262	178	45713	1.836	ng/u1	98
80) Fluoranthene	19.186	202	166865	7.207	ng/u1	99
82) Pyrene	19.545	202	91556	3.815	ng/u1	96
85) Benzo(a)anthracene	21.292	228	87864	4.128	ng/u1	95
87) Chrysene	21.339	228	69955	3.340	ng/u1	99
90) Benzo(b)fluoranthene	22.880	252	74428	3.586	ng/u1	99
91) Benzo(k)fluoranthene	22.915	252	34351m	1.703	ng/u1	
93) Benzo(a)pyrene	23.450	252	21732	1.183	ng/u1#	93

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

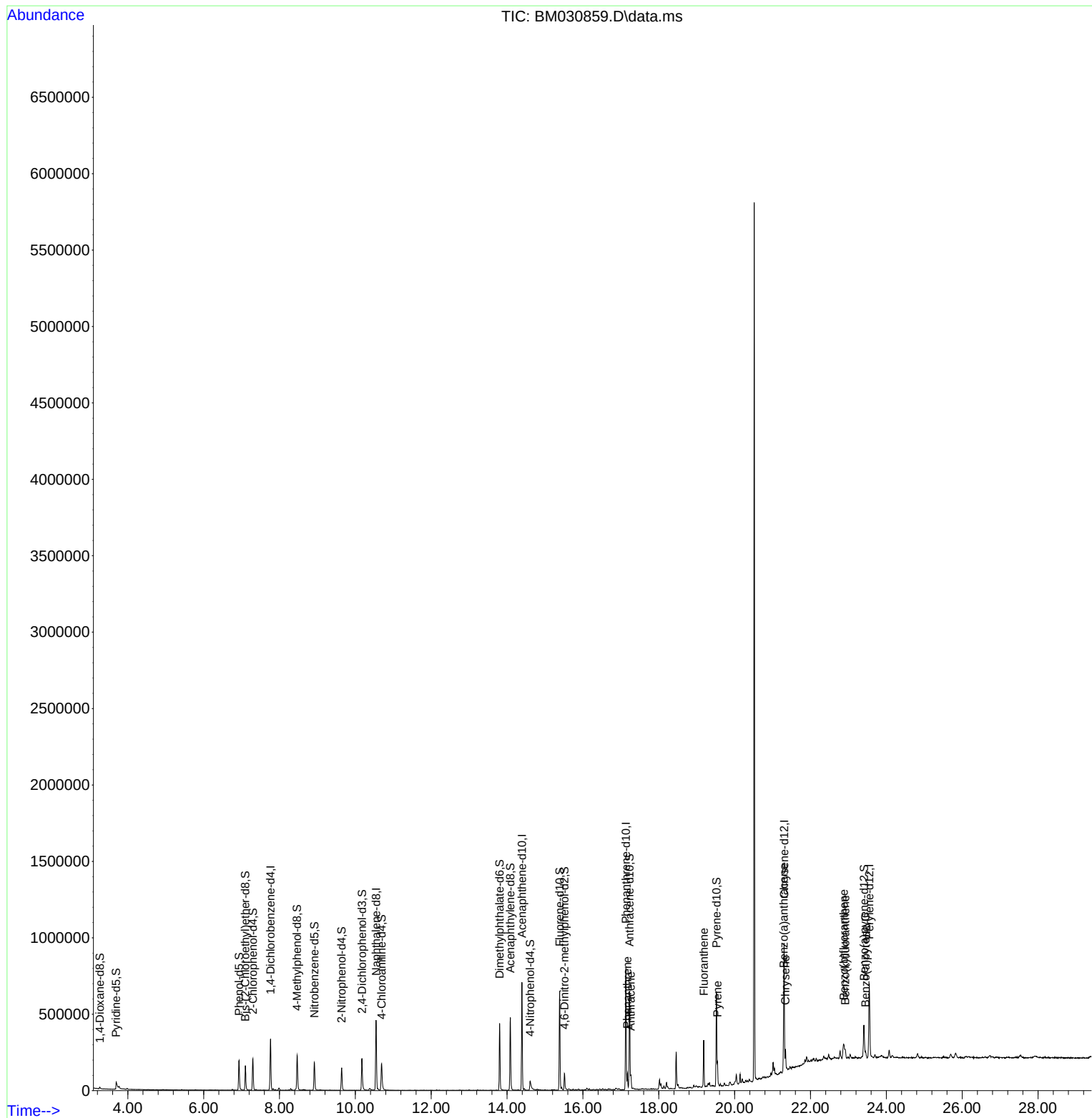
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030859.D
Acq On : 07 Jul 2021 16:29
Operator : CG/JU
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ALS Vial : 36 Sample Multiplier: 1

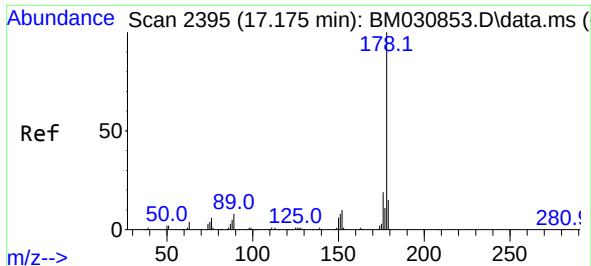
Instrument :
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ClientSampleId :
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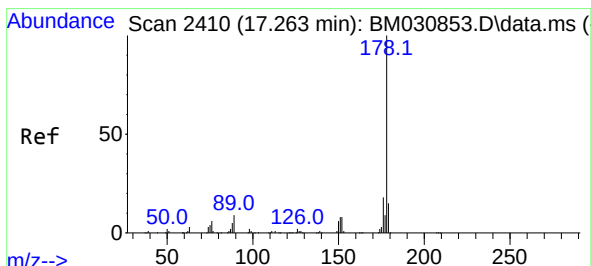
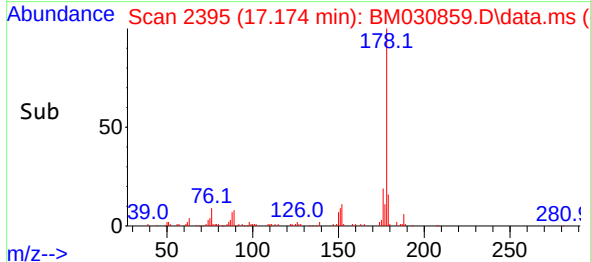
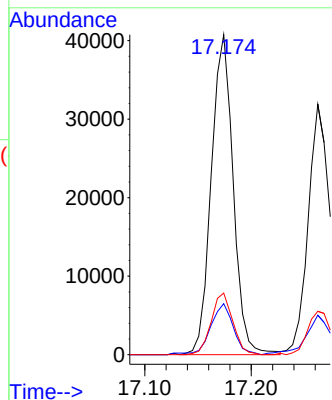
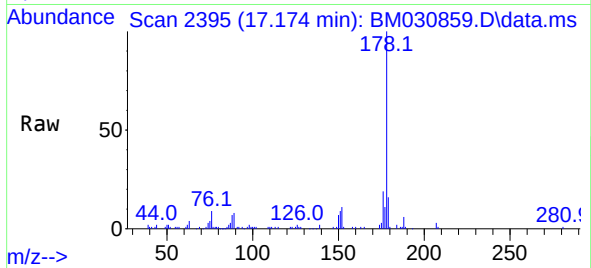
#72
Phenanthrene
Concen: 2.406 ng/u1
RT: 17.174 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM030859.D
Acq: 07 Jul 2021 16:29

Tgt Ion:178 Resp: 58304
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 19.3 15.4 23.0

Instrument :
BNA_M
ClientSampled :
BGDW7

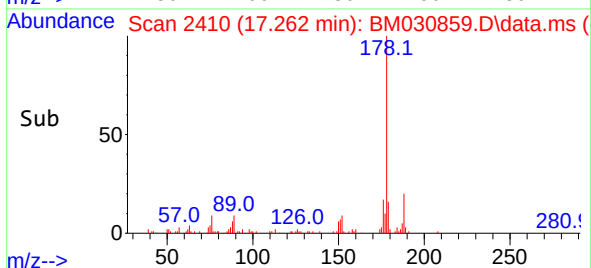
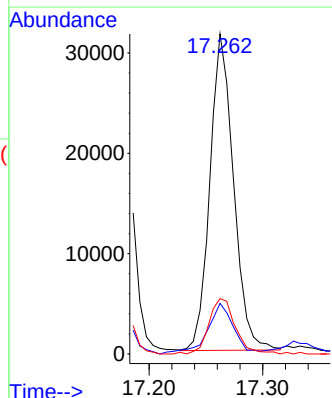
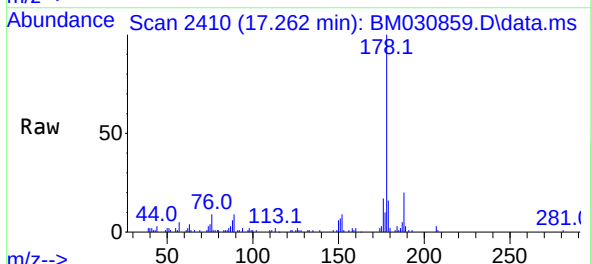
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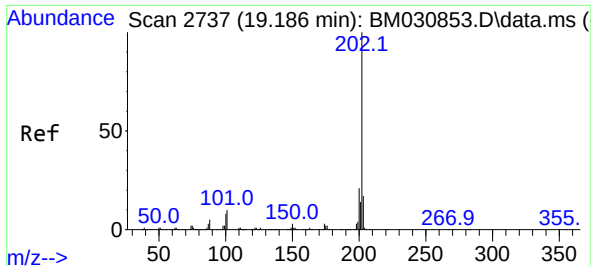
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#74
Anthracene
Concen: 1.836 ng/u1
RT: 17.262 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM030859.D
Acq: 07 Jul 2021 16:29

Tgt Ion:178 Resp: 45713
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 17.3 14.7 22.1





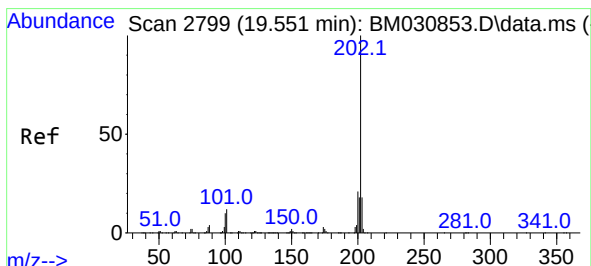
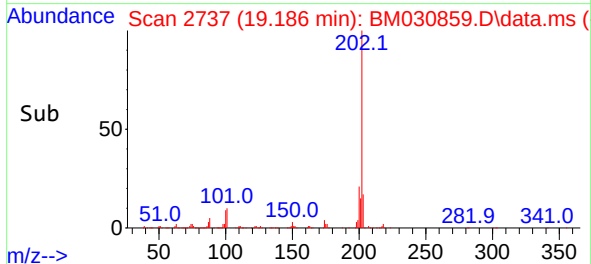
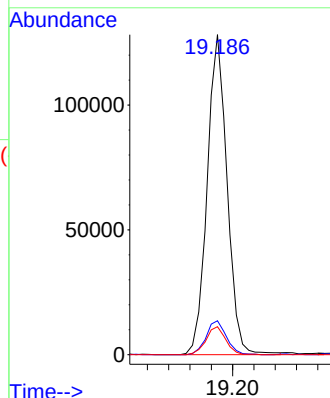
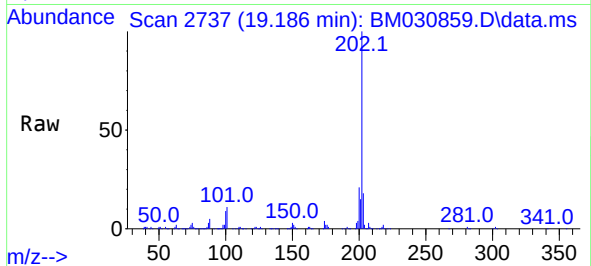
#80
Fluoranthene
Concen: 7.207 ng/ul
RT: 19.186 min Scan# 2737
Delta R.T. -0.000 min
Lab File: BM030859.D
Acq: 07 Jul 2021 16:29

Tgt Ion:202 Resp: 166865
Ion Ratio Lower Upper
202 100
101 10.6 8.8 13.2
100 8.8 6.7 10.1

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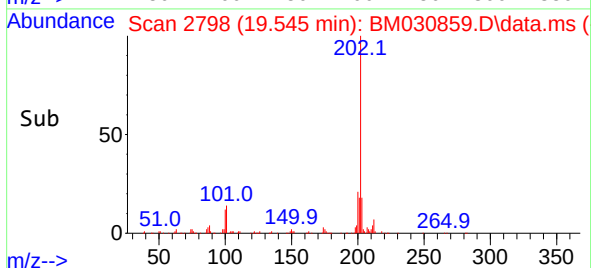
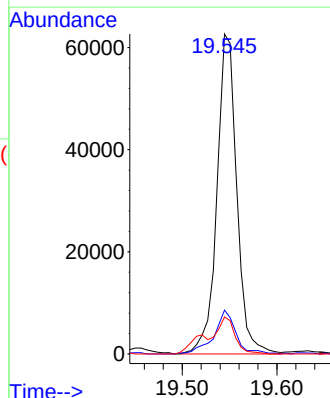
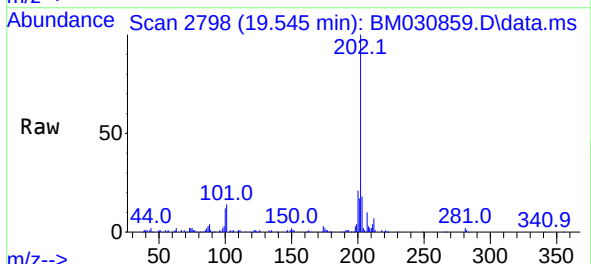
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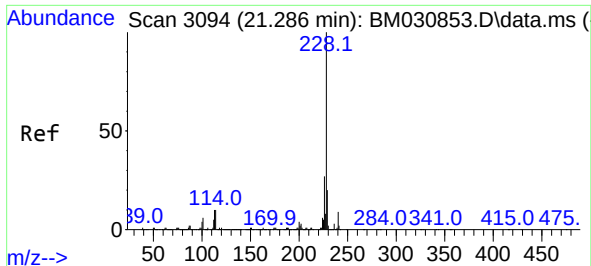
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#82
Pyrene
Concen: 3.815 ng/ul
RT: 19.545 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BM030859.D
Acq: 07 Jul 2021 16:29

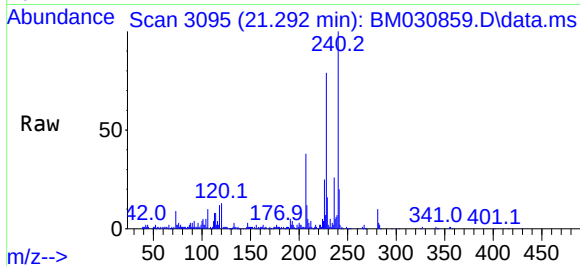
Tgt Ion:202 Resp: 91556
Ion Ratio Lower Upper
202 100
101 13.7 9.8 14.6
100 11.6 8.0 12.0





#85
Benzo(a)anthracene
Concen: 4.128 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BM030859.D
Acq: 07 Jul 2021 16:29

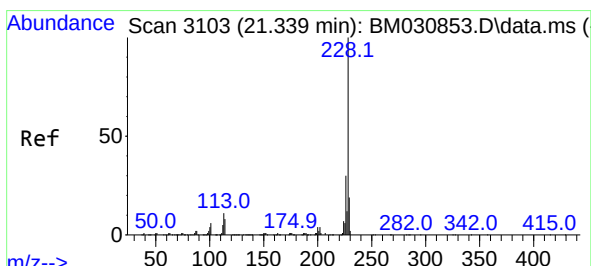
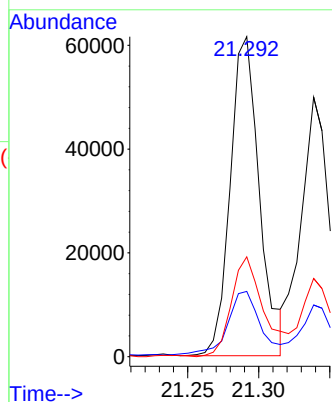
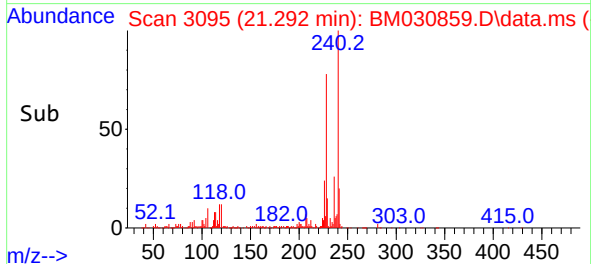
Instrument :
BNA_M
ClientSampled :
BGDW7



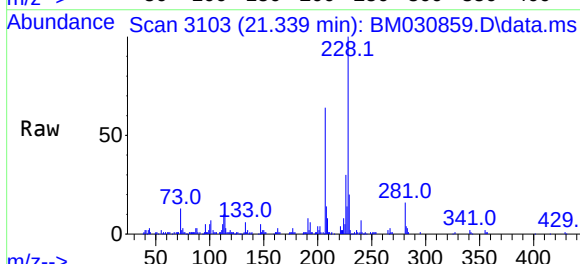
Tgt Ion:228 Resp: 87864
Ion Ratio Lower Upper
228 100
229 20.4 15.4 23.2
226 31.2 21.8 32.8

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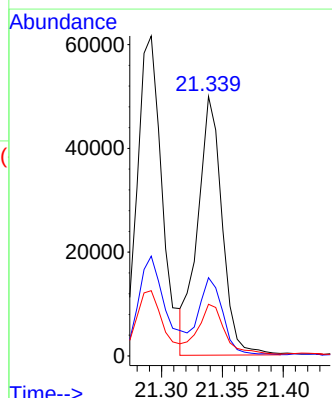
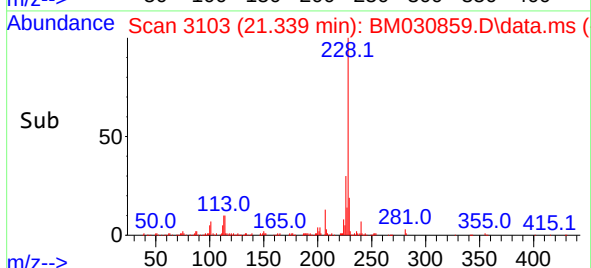
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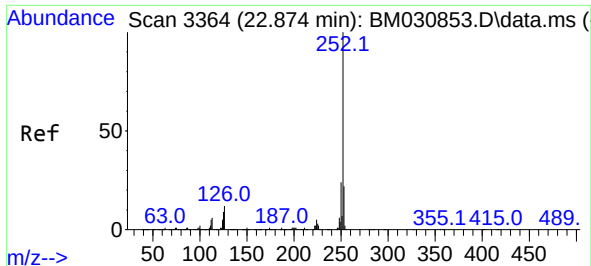


#87
Chrysene
Concen: 3.340 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030859.D
Acq: 07 Jul 2021 16:29



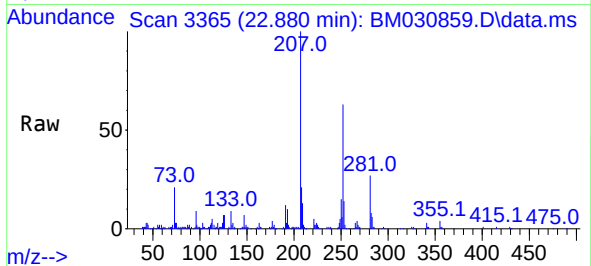
Tgt Ion:228 Resp: 69955
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 19.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 3.586 ng/ul
RT: 22.880 min Scan# 3365
Delta R.T. 0.006 min
Lab File: BM030859.D
Acq: 07 Jul 2021 16:29

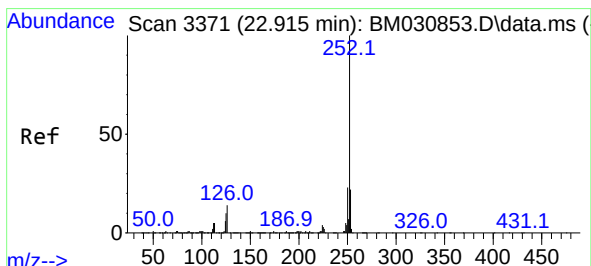
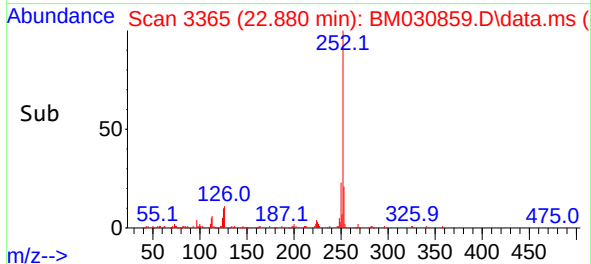
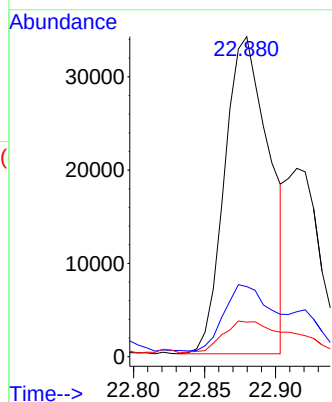
Instrument :
BNA_M
ClientSampled :
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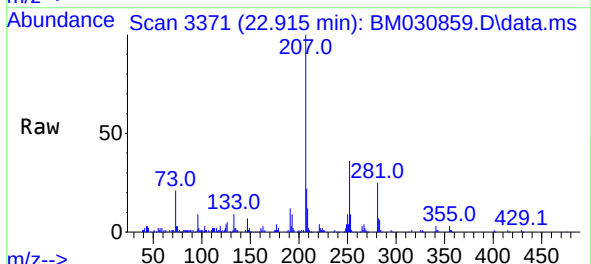
Tgt Ion:252 Resp: 74428
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.8 7.7 11.5

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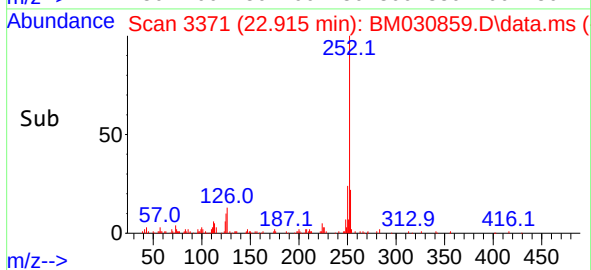
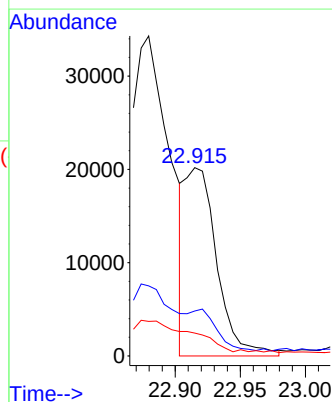
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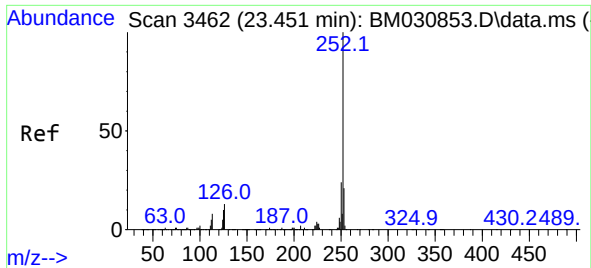


#91
Benzo(k)fluoranthene
Concen: 1.703 ng/ul m
RT: 22.915 min Scan# 3371
Delta R.T. -0.006 min
Lab File: BM030859.D
Acq: 07 Jul 2021 16:29



Tgt Ion:252 Resp: 34351
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 12.1 7.4 11.0#





#93
Benzo(a)pyrene
Concen: 1.183 ng/ul
RT: 23.450 min Scan# 3462
Delta R.T. -0.006 min
Lab File: BM030859.D
Acq: 07 Jul 2021 16:29

Tgt Ion:252 Resp: 21732
Ion Ratio Lower Upper
252 100
253 23.6 16.7 25.1
125 14.4 8.5 12.7#

Instrument :
BNA_M
ClientSampleId :
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