

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030844.D
 Acq On : 07 Jul 2021 06:40
 Operator : CG/JU
 Sample : M2854-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD6

Manual Integrations
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Quant Time: Jul 07 07:19:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 07 04:59:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	100669	20.000	ng/ul	0.00
20) Naphthalene-d8	10.545	136	410073	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	249977	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	466395	20.000	ng/ul	0.00
79) Chrysene-d12	21.297	240	366227	20.000	ng/ul	0.00
88) Perylene-d12	23.544	264	381668	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	8206	3.185	ng/uL	0.00
4) Pyridine-d5	3.693	84	49877	7.403	ng/ul	0.02
7) Phenol-d5	6.934	99	126278	14.356	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	92740	16.368	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	110556	16.382	ng/ul	0.00
15) 4-Methylphenol-d8	8.463	113	99998	14.186	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	51316	16.825	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	53962	16.170	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	96009	14.950	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	113664	12.463	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	336327	19.218	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	376487	17.031	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	27224	8.939	ng/ul	0.01
60) Fluorene-d10	15.386	176	280216	18.184	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	30258	10.118	ng/ul	0.00
73) Anthracene-d10	17.227	188	393288	18.096	ng/ul	0.00
81) Pyrene-d10	19.515	212	277280	13.728	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.403	264	157564	7.998	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.174	178	69735	2.802	ng/ul	100
74) Anthracene	17.262	178	35528	1.389	ng/ul	100
80) Fluoranthene	19.186	202	314063	12.610	ng/ul	98
82) Pyrene	19.545	202	155285	6.016	ng/ul	98
85) Benzo(a)anthracene	21.286	228	196773	8.594	ng/ul	96
87) Chrysene	21.339	228	162460	7.211	ng/ul	97
90) Benzo(b)fluoranthene	22.868	252	194134	7.896	ng/ul	97
91) Benzo(k)fluoranthene	22.909	252	83218m	3.482	ng/ul	
93) Benzo(a)pyrene	23.444	252	48909	2.248	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	25.815	276	45792	1.692	ng/ul	98
95) Dibenzo(a,h)anthracene	25.815	278	24279	1.070	ng/ul#	90

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

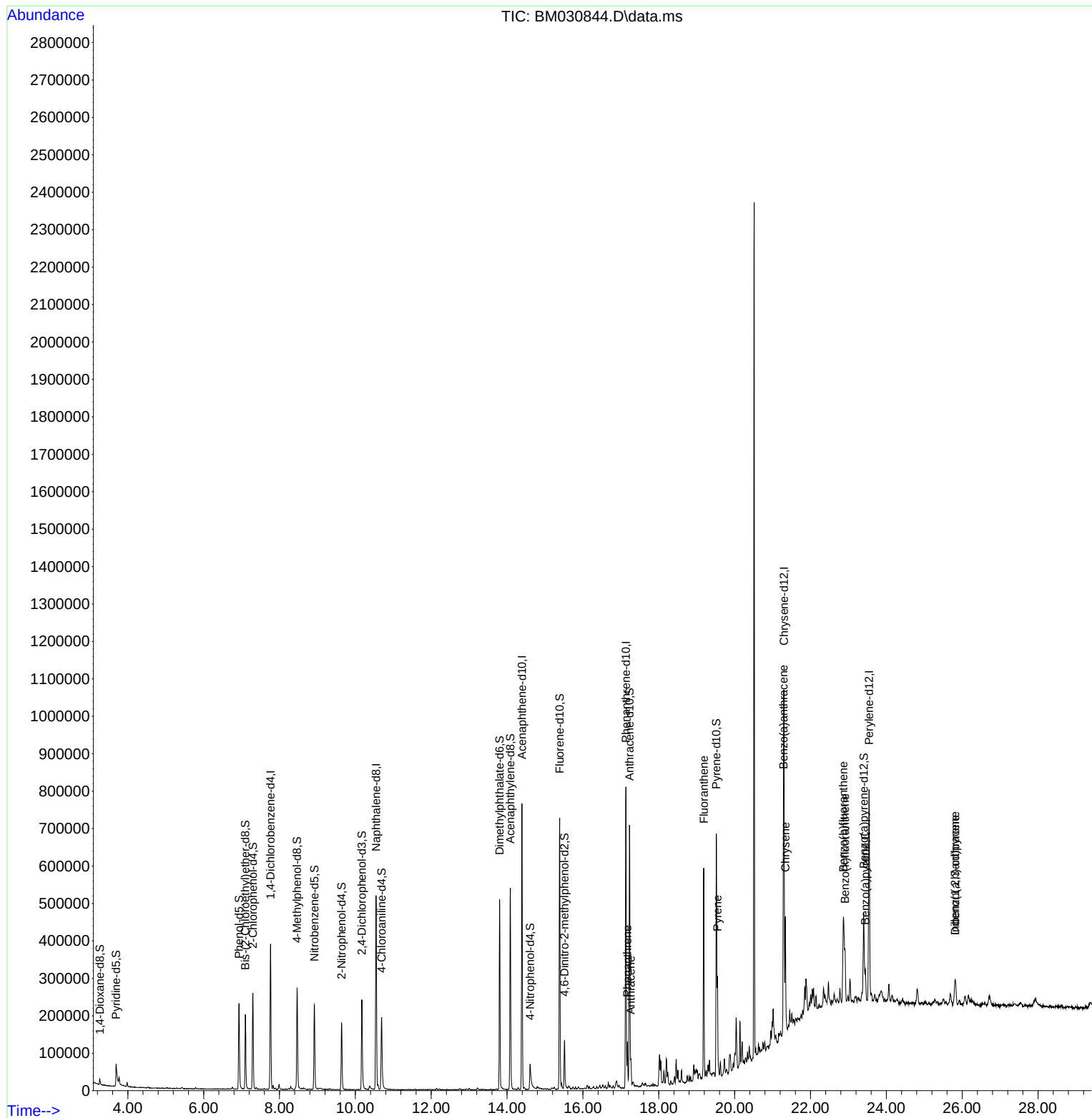
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030844.D
Acq On : 07 Jul 2021 06:40
Operator : CG/JU
Sample : M2854-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

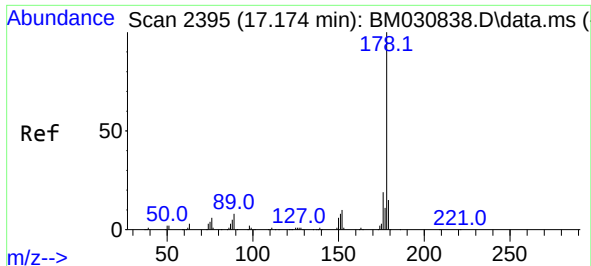
Instrument :
BNA_M
ClientSampleId :
BGDT6

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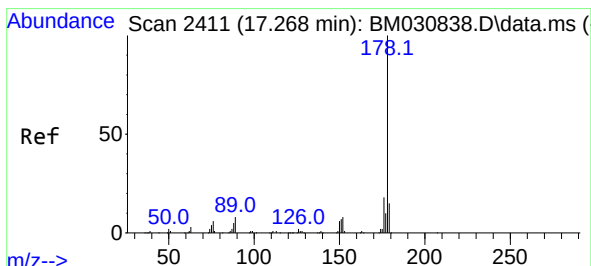
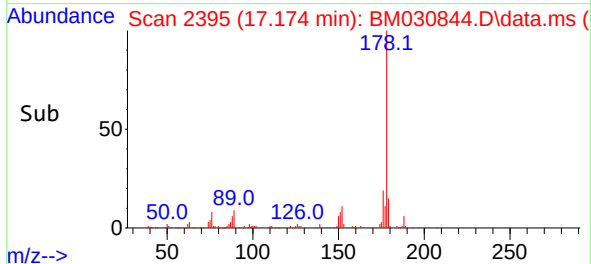
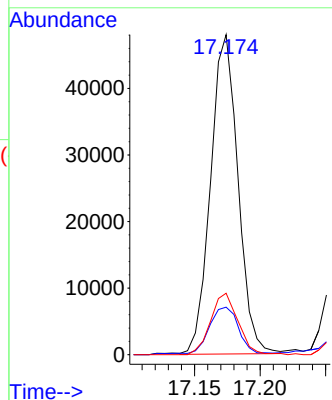
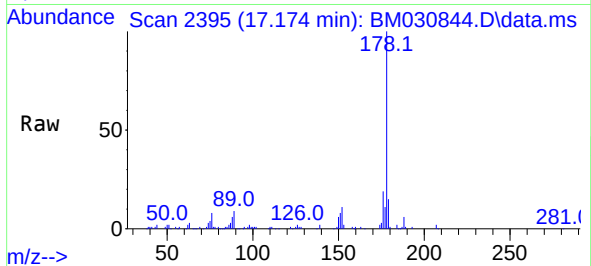
#72
Phenanthrene
Concen: 2.802 ng/u1
RT: 17.174 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM030844.D
Acq: 07 Jul 2021 06:40

Tgt Ion:178 Resp: 69735
Ion Ratio Lower Upper
178 100
179 14.8 12.1 18.1
176 19.2 15.4 23.0

Instrument :
BNA_M
ClientSampled :
BGDT6

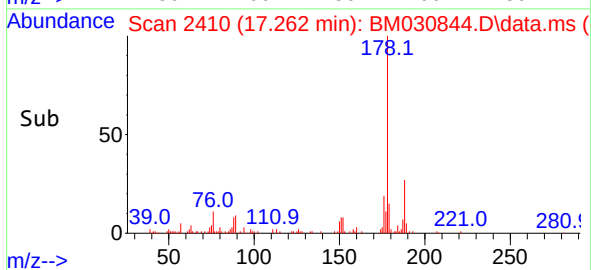
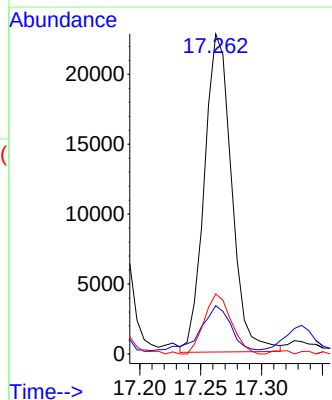
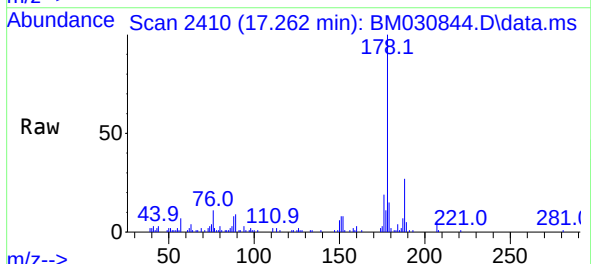
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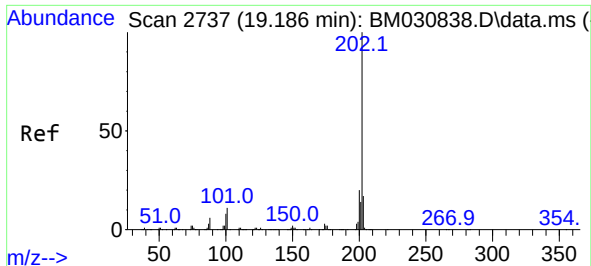
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#74
Anthracene
Concen: 1.389 ng/u1
RT: 17.262 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM030844.D
Acq: 07 Jul 2021 06:40

Tgt Ion:178 Resp: 35528
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 18.7 14.7 22.1





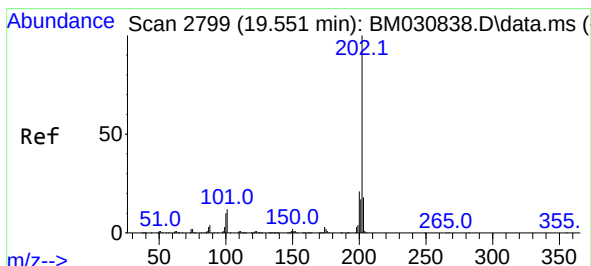
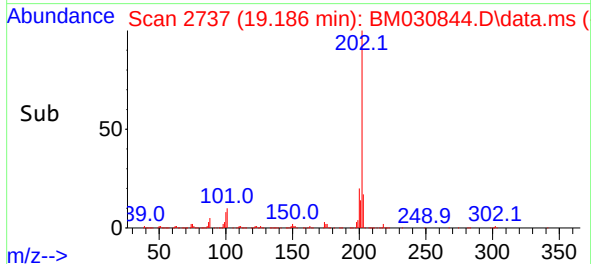
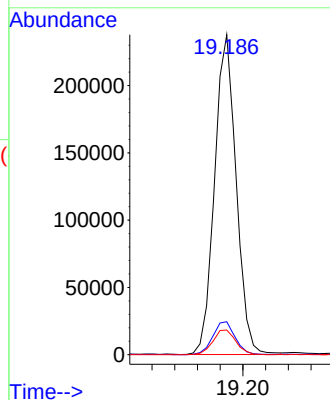
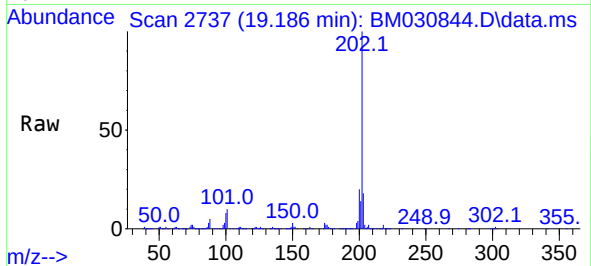
#80
Fluoranthene
Concen: 12.610 ng/ul
RT: 19.186 min Scan# 2737
Delta R.T. -0.000 min
Lab File: BM030844.D
Acq: 07 Jul 2021 06:40

Tgt Ion:202 Resp: 314063
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 7.7 6.7 10.1

Instrument :
BNA_M
ClientSampled :
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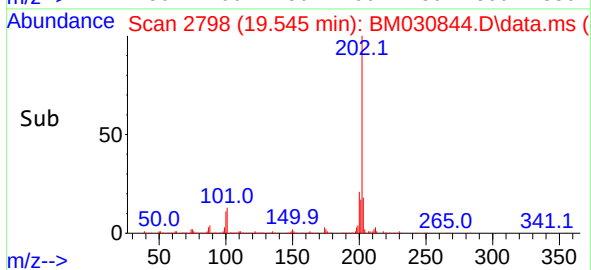
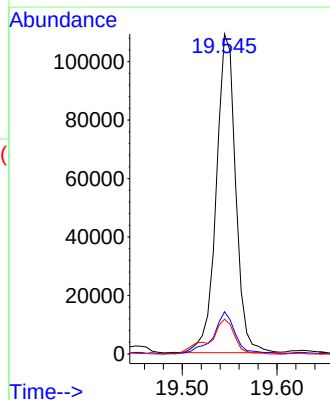
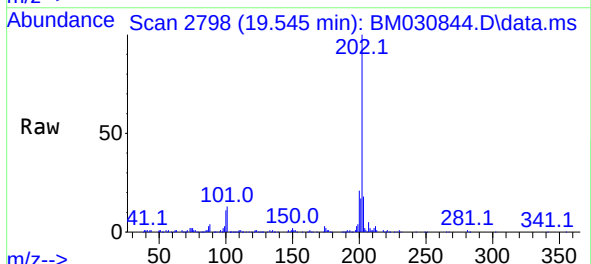
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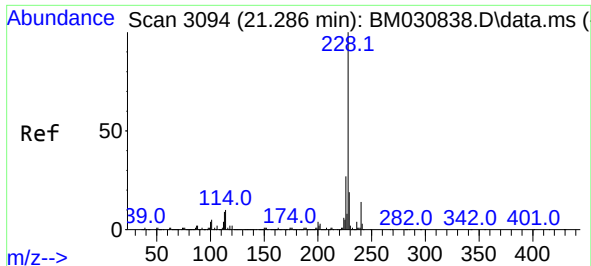
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#82
Pyrene
Concen: 6.016 ng/ul
RT: 19.545 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BM030844.D
Acq: 07 Jul 2021 06:40

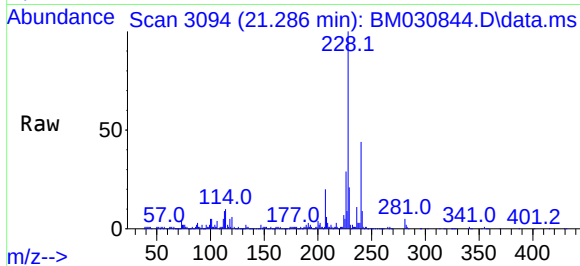
Tgt Ion:202 Resp: 155285
Ion Ratio Lower Upper
202 100
101 13.2 9.8 14.6
100 10.9 8.0 12.0





#85
Benzo(a)anthracene
Concen: 8.594 ng/u1
RT: 21.286 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM030844.D
Acq: 07 Jul 2021 06:40

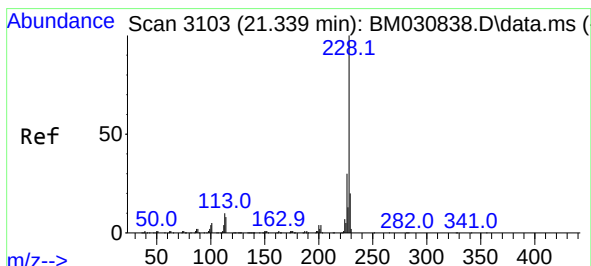
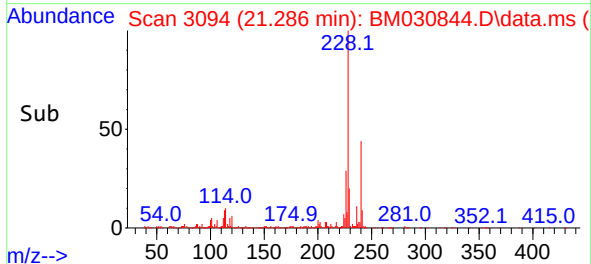
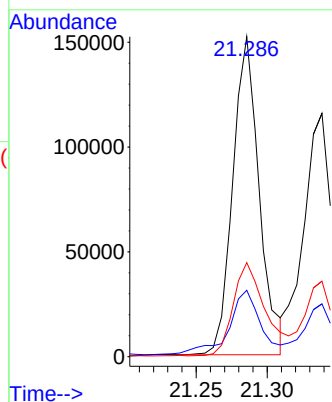
Instrument :
BNA_M
ClientSampled :
BGDT6



Tgt Ion:228 Resp: 196773
Ion Ratio Lower Upper
228 100
229 20.7 15.4 23.2
226 29.4 21.8 32.8

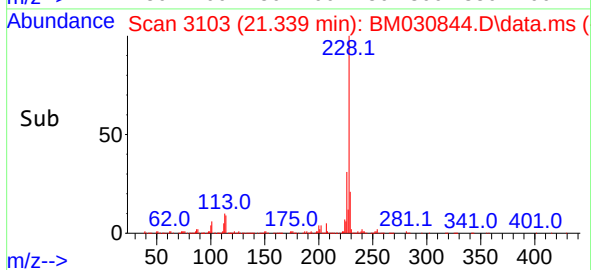
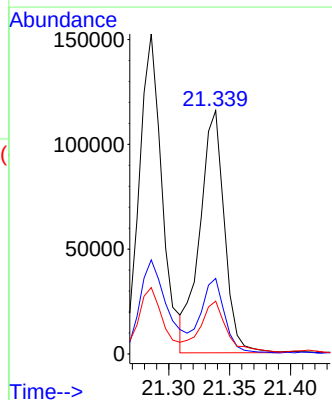
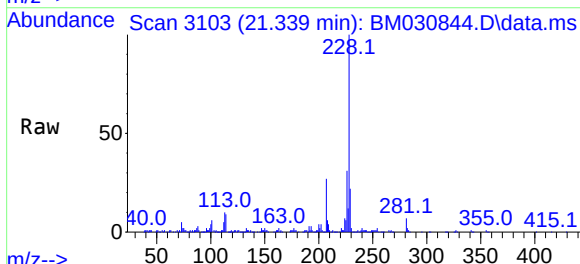
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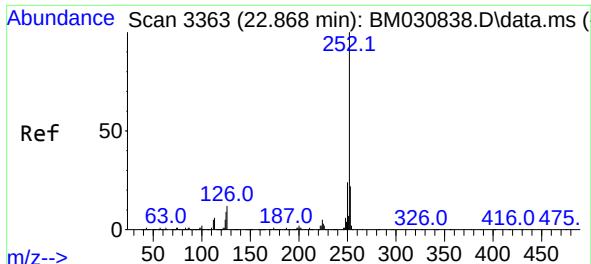
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#87
Chrysene
Concen: 7.211 ng/u1
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030844.D
Acq: 07 Jul 2021 06:40

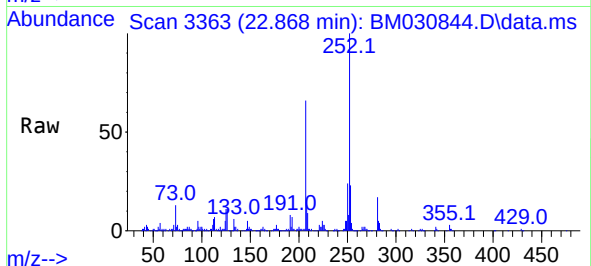
Tgt Ion:228 Resp: 162460
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 21.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 7.896 ng/ul
RT: 22.868 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BM030844.D
Acq: 07 Jul 2021 06:40

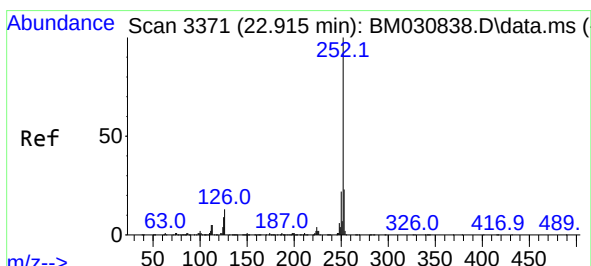
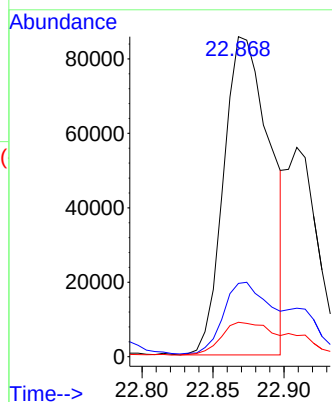
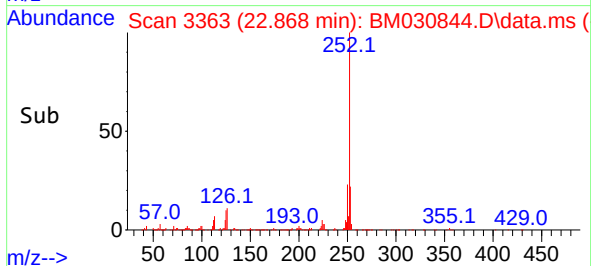
Instrument :
BNA_M
ClientSampled :
BGDT6



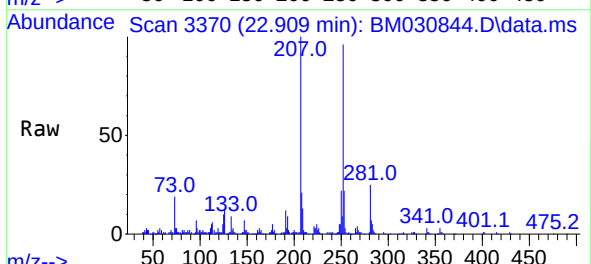
Tgt Ion:252 Resp: 194134
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 10.7 7.7 11.5

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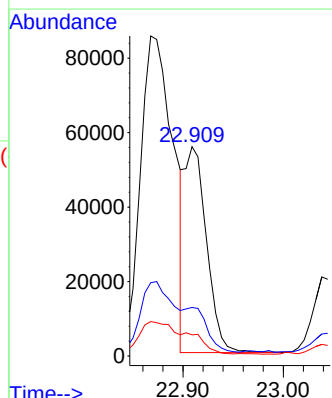
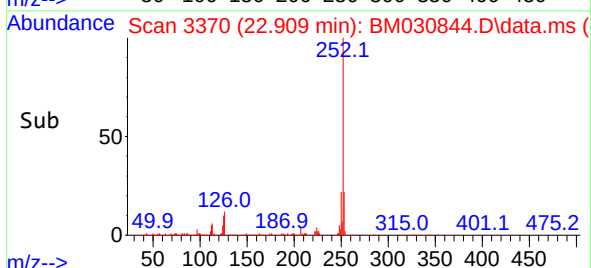
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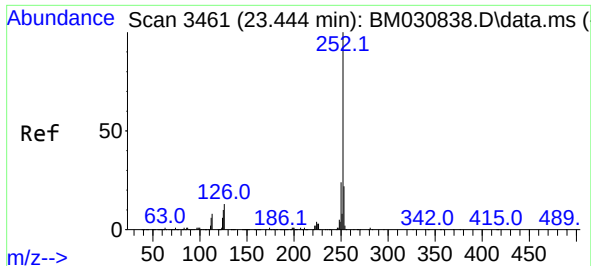


#91
Benzo(k)fluoranthene
Concen: 3.482 ng/ul m
RT: 22.909 min Scan# 3370
Delta R.T. -0.012 min
Lab File: BM030844.D
Acq: 07 Jul 2021 06:40



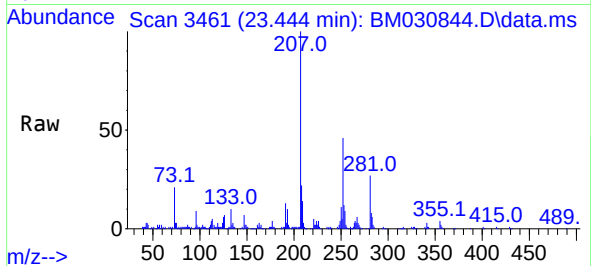
Tgt Ion:252 Resp: 83218
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 10.1 7.4 11.0





#93
Benzo(a)pyrene
Concen: 2.248 ng/ul
RT: 23.444 min Scan# 3461
Delta R.T. -0.012 min
Lab File: BM030844.D
Acq: 07 Jul 2021 06:40

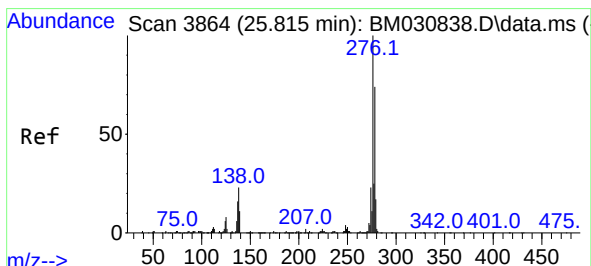
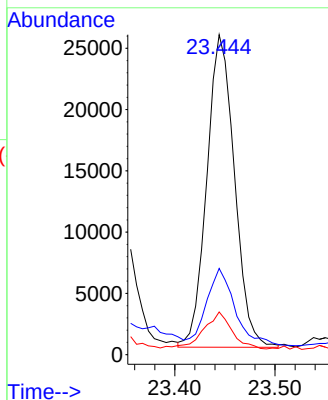
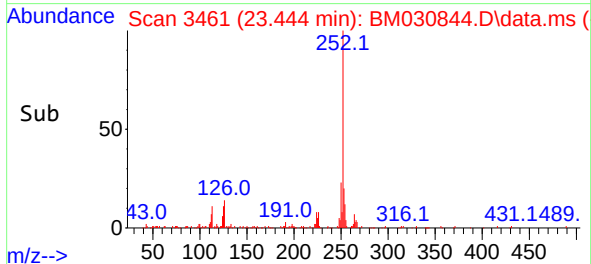
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BGDT6



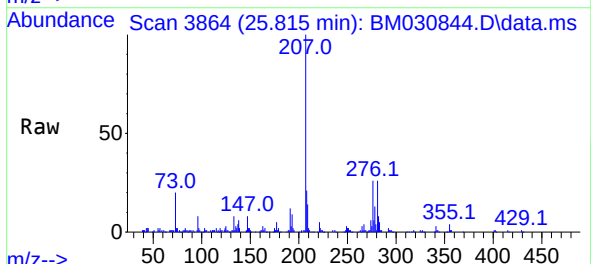
Tgt Ion:252 Resp: 48909
Ion Ratio Lower Upper
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253 27.0 16.7 25.1#
125 13.3 8.5 12.7#

Manual Integrations
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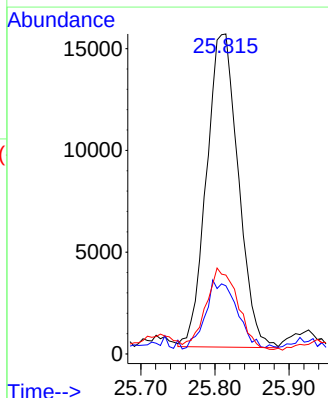
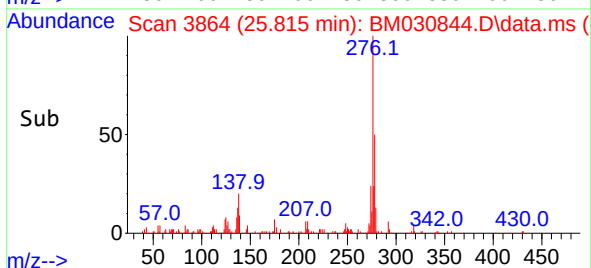
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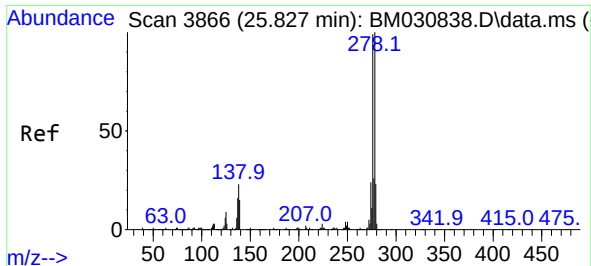


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.692 ng/ul
RT: 25.815 min Scan# 3864
Delta R.T. -0.012 min
Lab File: BM030844.D
Acq: 07 Jul 2021 06:40



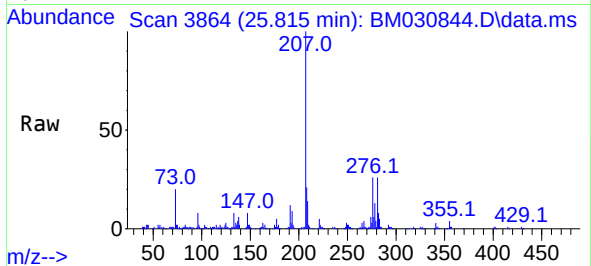
Tgt Ion:276 Resp: 45792
Ion Ratio Lower Upper
276 100
138 21.3 18.1 27.1
277 24.7 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 1.070 ng/ul
 RT: 25.815 min Scan# 3864
 Delta R.T. -0.024 min
 Lab File: BM030844.D
 Acq: 07 Jul 2021 06:40

Instrument :
 BNA_M
 ClientSampleId :
 BGD6



Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.4	18.6
279	31.1	19.0	28.6

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