

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030730.D
 Acq On : 01 Jul 2021 07:03
 Operator : CG/JU
 Sample : M2808-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDS7

Manual Integrations
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Quant Time: Jul 01 08:27:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:56:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	100001	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	387446	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	228612	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	428446	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	399270	20.000	ng/ul	0.00
88) Perylene-d12	23.562	264	466704	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	4297m	1.742	ng/uL	0.00
4) Pyridine-d5	3.716	84	22695m	3.424	ng/ul	0.04
7) Phenol-d5	6.945	99	77386	8.973	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	50159	9.253	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	66764	10.029	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	59201	8.820	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	29302	10.135	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	31010	9.651	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	58713	9.539	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	72778	8.479	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	176875	11.205	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	215157	10.501	ng/ul	0.00
54) 4-Nitrophenol-d4	14.621	143	14382m	4.809	ng/ul	0.01
60) Fluorene-d10	15.398	176	152791	10.913	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	11903	4.246	ng/ul	0.00
73) Anthracene-d10	17.239	188	226980	11.352	ng/ul	0.00
81) Pyrene-d10	19.527	212	246407	11.778	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	258524	10.655	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.186	178	84636	3.678	ng/ul	97
74) Anthracene	17.274	178	35102	1.492	ng/ul	98
80) Fluoranthene	19.198	202	272929	10.682	ng/ul	97
82) Pyrene	19.556	202	212286	7.907	ng/ul	97
85) Benzo(a)anthracene	21.297	228	162189	6.546	ng/ul	97
87) Chrysene	21.345	228	122916	5.089	ng/ul	97
90) Benzo(b)fluoranthene	22.886	252	171215	5.778	ng/ul	97
91) Benzo(k)fluoranthene	22.927	252	59814m	2.101	ng/ul	
93) Benzo(a)pyrene	23.462	252	106311	3.990	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.838	276	74059	2.208	ng/ul#	94

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

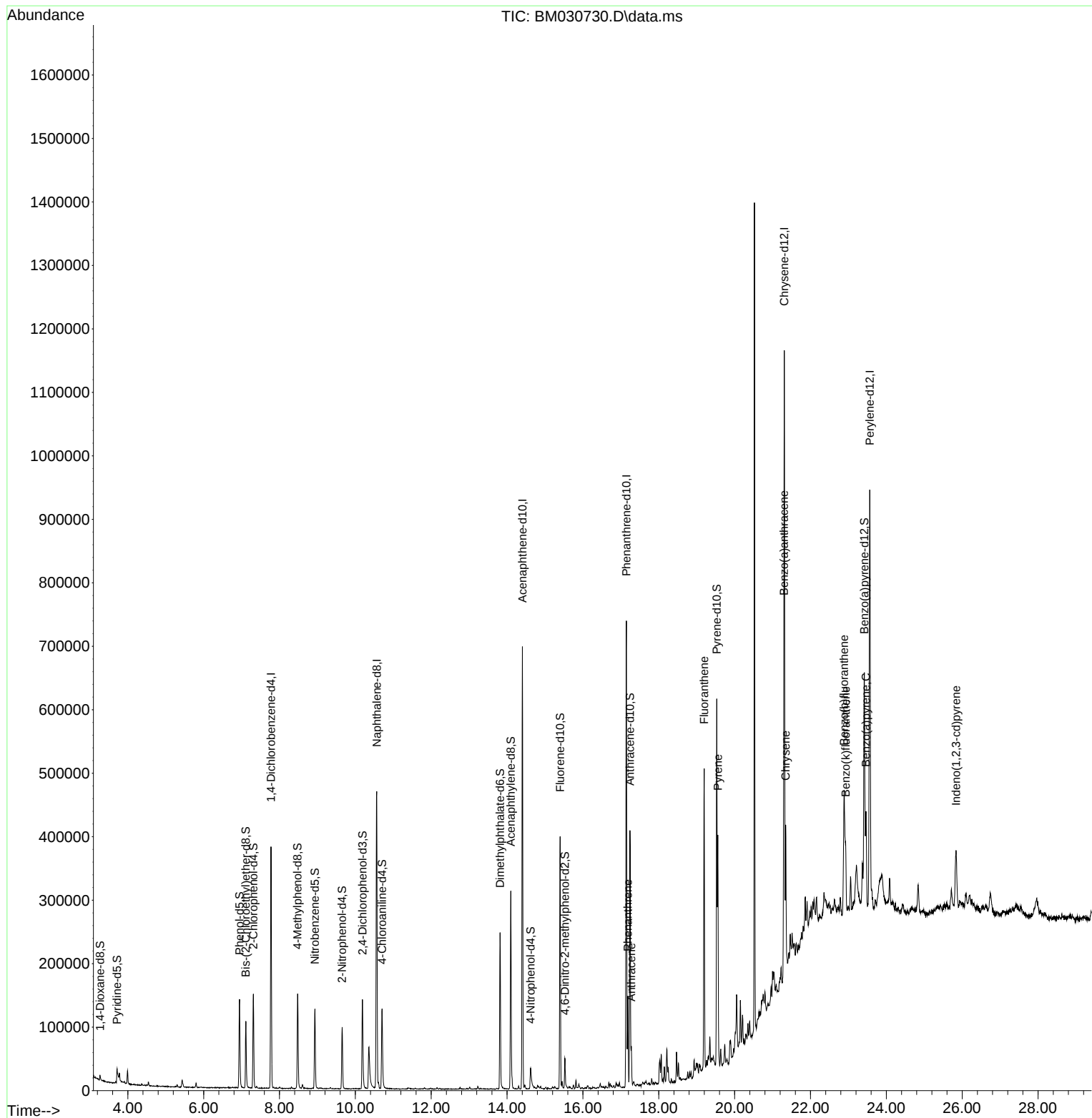
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Data File : BM030730.D
Acq On : 01 Jul 2021 07:03
Operator : CG/JU
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ALS Vial : 33 Sample Multiplier: 1

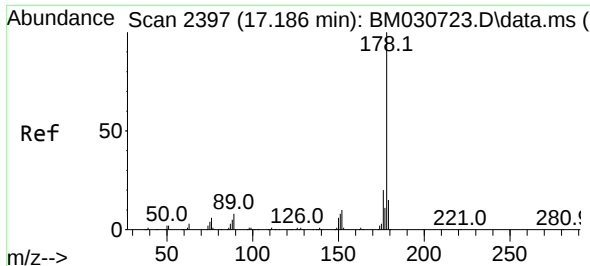
Instrument :
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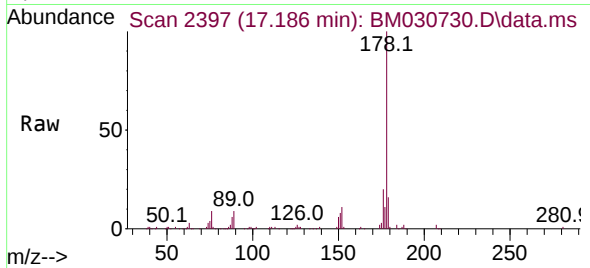
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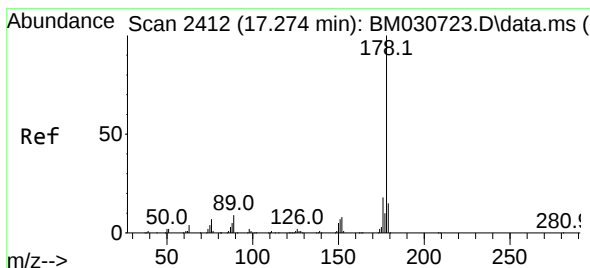
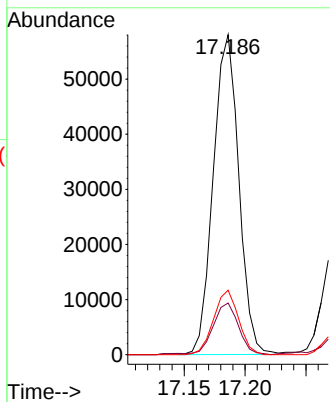
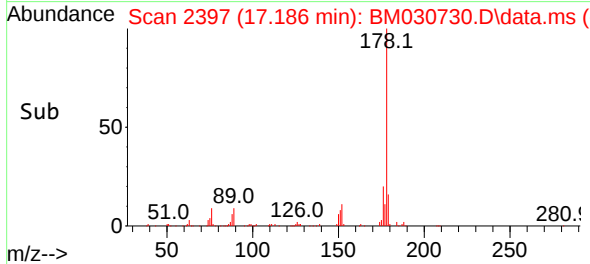




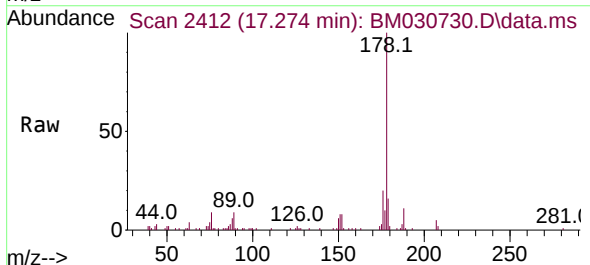
#72
Phenanthrene
Concen: 3.678 ng/ul
RT: 17.186 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM030730.D
Acq: 01 Jul 2021 07:03



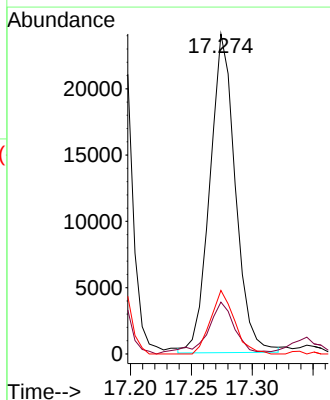
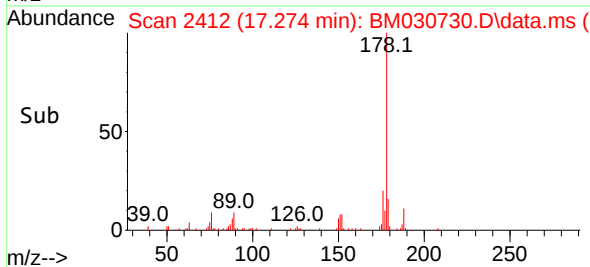
Tgt Ion:178 Resp: 84636
Ion Ratio Lower Upper
178 100
179 16.2 12.1 18.1
176 20.1 15.2 22.8



#74
Anthracene
Concen: 1.492 ng/ul
RT: 17.274 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM030730.D
Acq: 01 Jul 2021 07:03



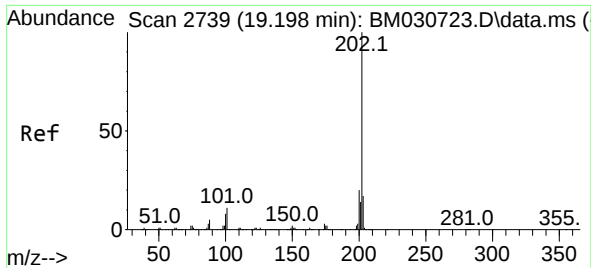
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Ion Ratio Lower Upper
178 100
179 16.2 12.1 18.1
176 19.9 15.2 22.8



Instrument :
BNA_M
ClientSampled :
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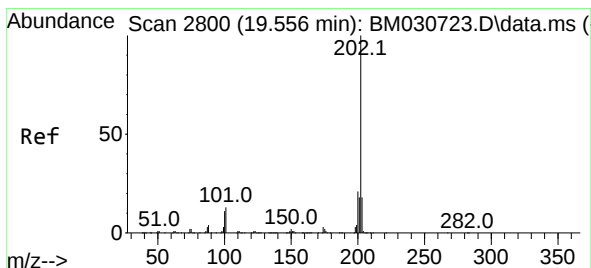
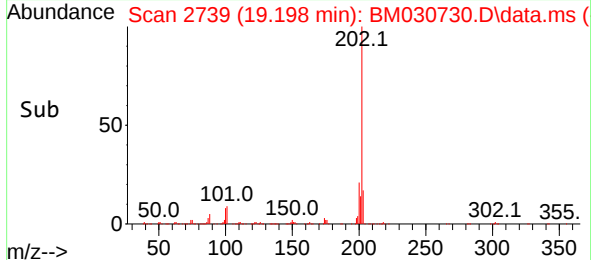
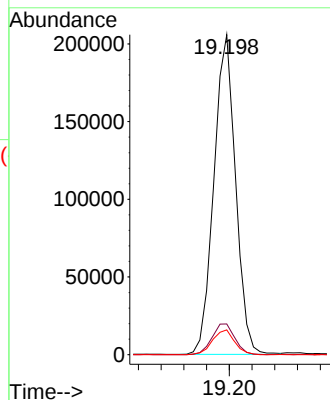
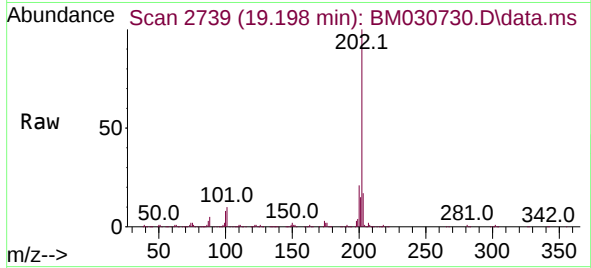
#80
Fluoranthene
Concen: 10.682 ng/ul
RT: 19.198 min Scan# 2739
Delta R.T. -0.006 min
Lab File: BM030730.D
Acq: 01 Jul 2021 07:03

Tgt Ion:202 Resp: 272929
Ion Ratio Lower Upper
202 100
101 9.6 8.8 13.2
100 7.8 6.8 10.2

Instrument :
BNA_M
ClientSampled :
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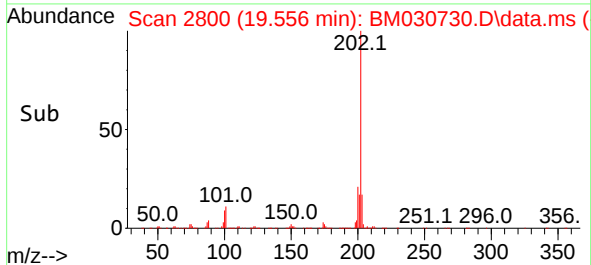
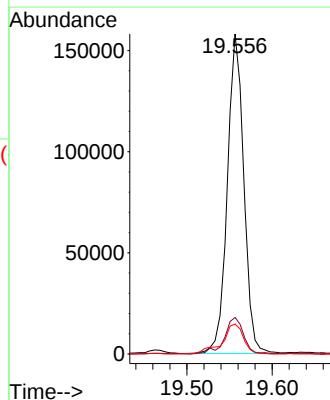
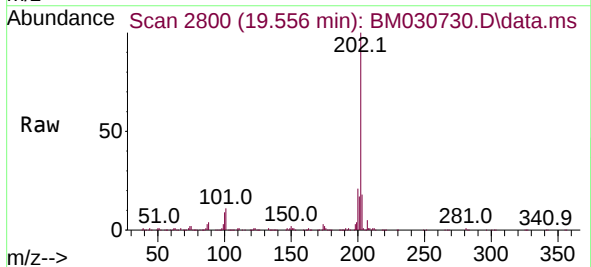
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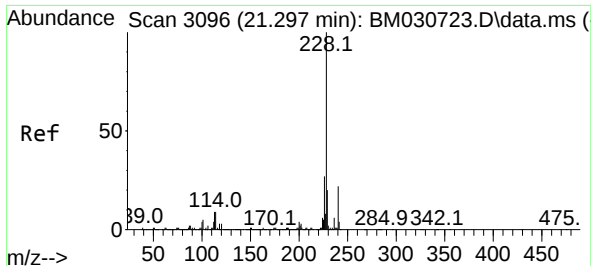
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#82
Pyrene
Concen: 7.907 ng/ul
RT: 19.556 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM030730.D
Acq: 01 Jul 2021 07:03

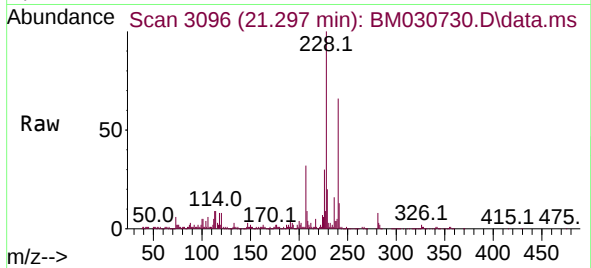
Tgt Ion:202 Resp: 212286
Ion Ratio Lower Upper
202 100
101 11.4 10.0 15.0
100 9.4 8.5 12.7



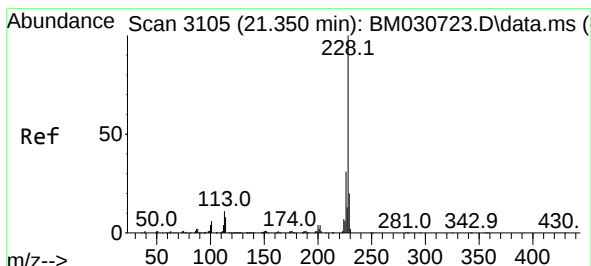
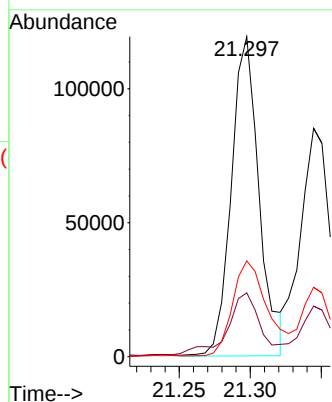
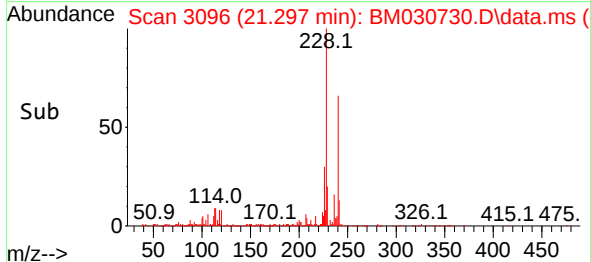


#85
Benzo(a)anthracene
Concen: 6.546 ng/u1
RT: 21.297 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM030730.D
Acq: 01 Jul 2021 07:03

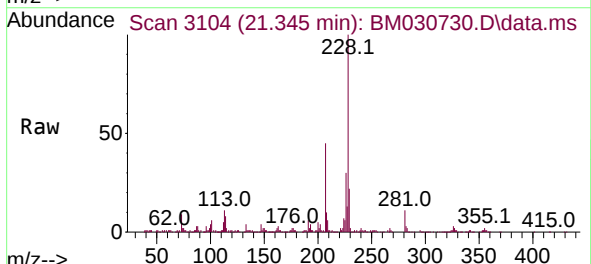
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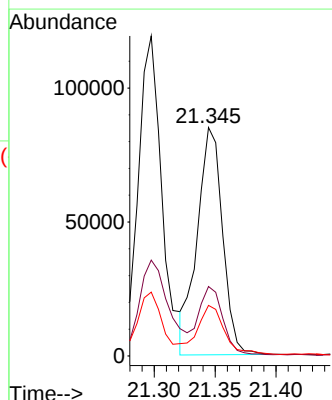
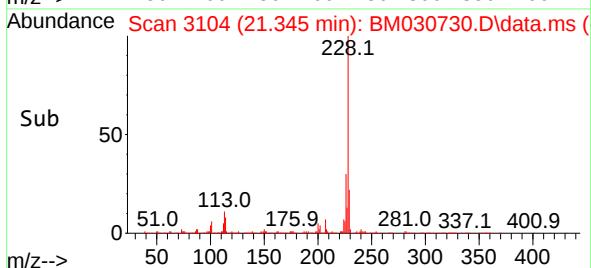
Tgt Ion:228 Resp: 162189
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 30.0 22.2 33.2

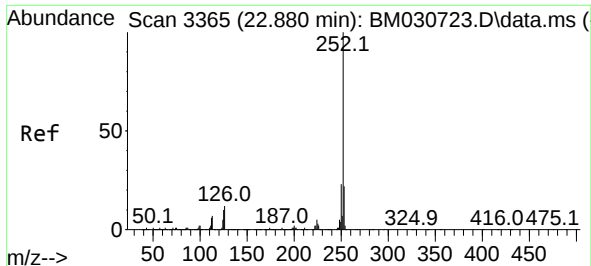


#87
Chrysene
Concen: 5.089 ng/u1
RT: 21.345 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM030730.D
Acq: 01 Jul 2021 07:03



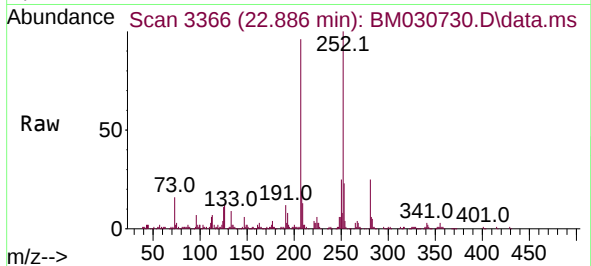
Tgt Ion:228 Resp: 122916
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 22.2 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 5.778 ng/ul
RT: 22.886 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BM030730.D
Acq: 01 Jul 2021 07:03

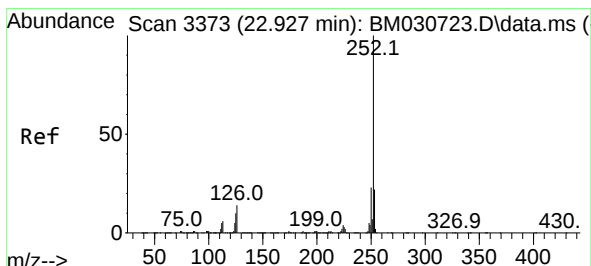
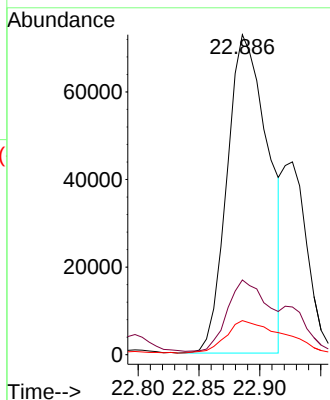
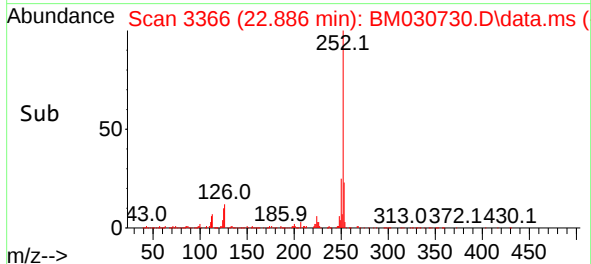
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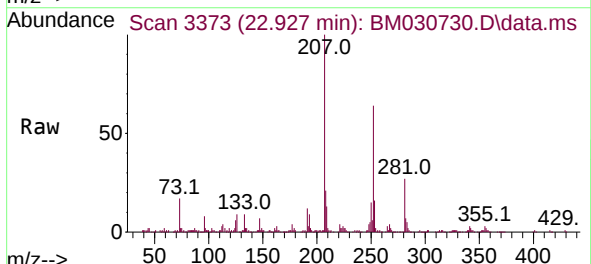
Tgt Ion:252 Resp: 171215
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 10.7 7.7 11.5

Manual Integrations
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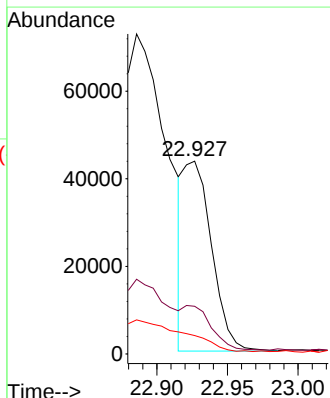
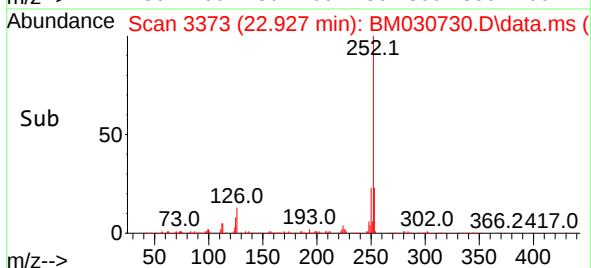
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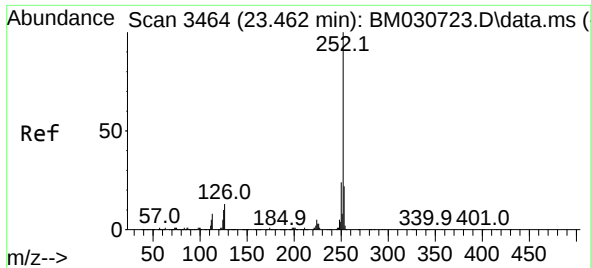


#91
Benzo(k)fluoranthene
Concen: 2.101 ng/ul m
RT: 22.927 min Scan# 3373
Delta R.T. -0.012 min
Lab File: BM030730.D
Acq: 01 Jul 2021 07:03

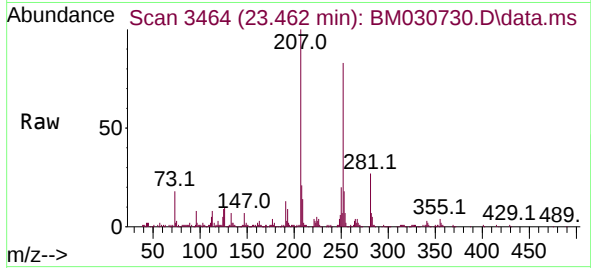


Tgt Ion:252 Resp: 59814
Ion Ratio Lower Upper
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253 24.8 17.4 26.2
125 9.5 7.9 11.9

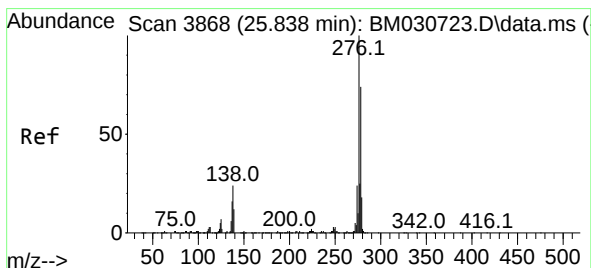
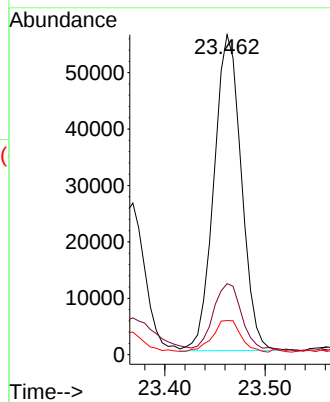
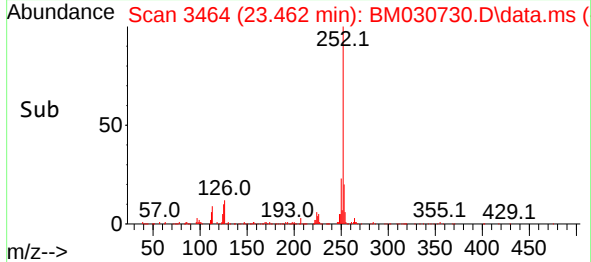




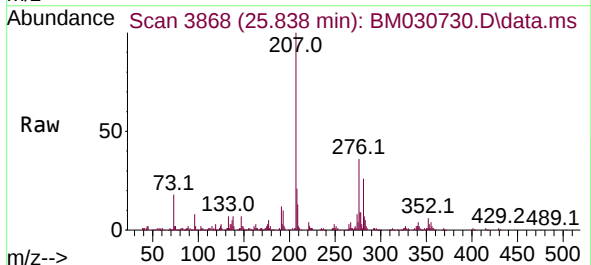
#93
Benzo(a)pyrene
Concen: 3.990 ng/ul
RT: 23.462 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BM030730.D
Acq: 01 Jul 2021 07:03



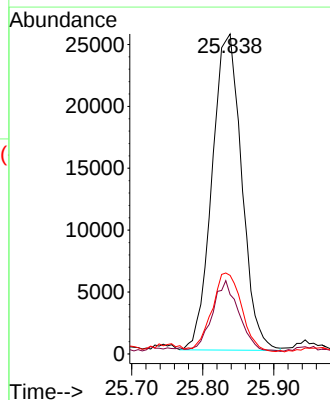
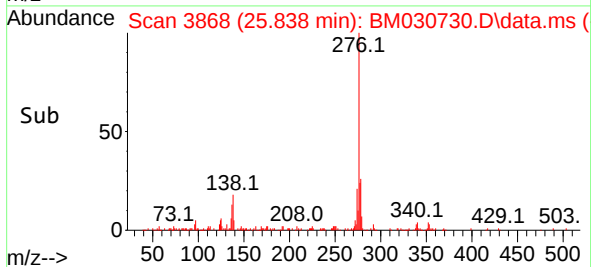
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Ion Ratio Lower Upper
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253 22.2 17.5 26.3
125 10.7 8.6 13.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.208 ng/ul
RT: 25.838 min Scan# 3868
Delta R.T. -0.012 min
Lab File: BM030730.D
Acq: 01 Jul 2021 07:03



Tgt Ion:276 Resp: 74059
Ion Ratio Lower Upper
276 100
138 18.6 19.5 29.3#
277 24.6 19.6 29.4



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