

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030717.D
 Acq On : 30 Jun 2021 22:32
 Operator : CG/JU
 Sample : M2808-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDW9

Manual Integrations
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Quant Time: Jul 01 00:59:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 30 12:31:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	97233	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	412555	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	262344	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	541272	20.000	ng/u1	0.00
79) Chrysene-d12	21.315	240	457889	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	406487	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	5921	2.469	ng/uL	0.00
4) Pyridine-d5	3.699	84	41921	6.506	ng/u1	0.02
7) Phenol-d5	6.946	99	100886	12.031	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	69012	13.093	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	84862	13.110	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	86096	13.193	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	38616	12.544	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	41535	12.140	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	83659	12.765	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	104634	11.449	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	280021	15.459	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	327910	13.946	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	27817	8.106	ng/u1	0.00
60) Fluorene-d10	15.398	176	249079	15.503	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	28052	7.921	ng/u1	0.00
73) Anthracene-d10	17.245	188	400978	15.873	ng/u1	0.00
81) Pyrene-d10	19.533	212	427812	17.831	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.421	264	292999	13.864	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.186	178	240929	8.289	ng/u1	99
74) Anthracene	17.280	178	120662	4.060	ng/u1	100
80) Fluoranthene	19.198	202	748768	25.553	ng/u1	100
82) Pyrene	19.562	202	548520	17.815	ng/u1	98
85) Benzo(a)anthracene	21.298	228	354933	12.491	ng/u1	97
87) Chrysene	21.350	228	270806	9.776	ng/u1	97
90) Benzo(b)fluoranthene	22.886	252	288370	11.174	ng/u1	99
91) Benzo(k)fluoranthene	22.927	252	104638m	4.219	ng/u1	
93) Benzo(a)pyrene	23.462	252	173625	7.482	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	25.844	276	105205	3.601	ng/u1	98
95) Dibenzo(a,h)anthracene	25.844	278	32662	1.349	ng/u1#	86

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

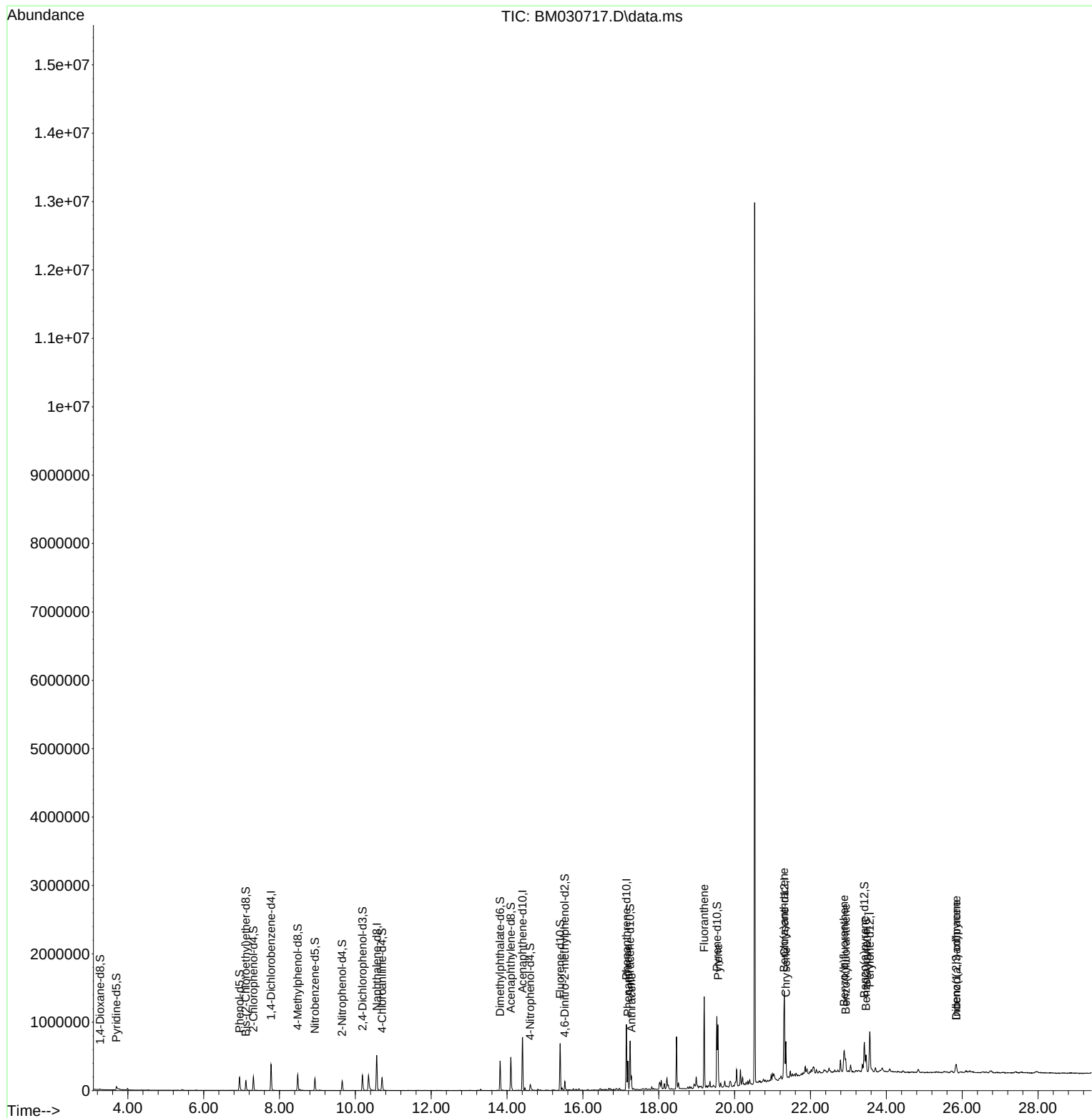
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030717.D
Acq On : 30 Jun 2021 22:32
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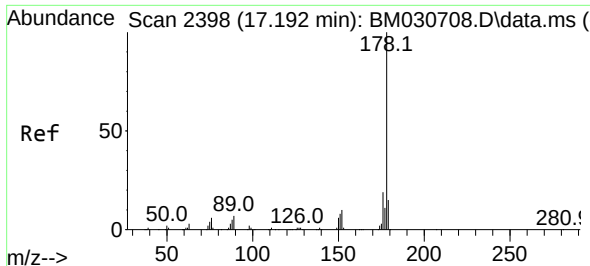
Instrument :
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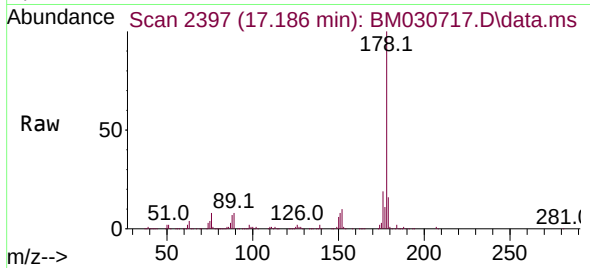
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 30 12:31:14 2021
Response via : Initial Calibration

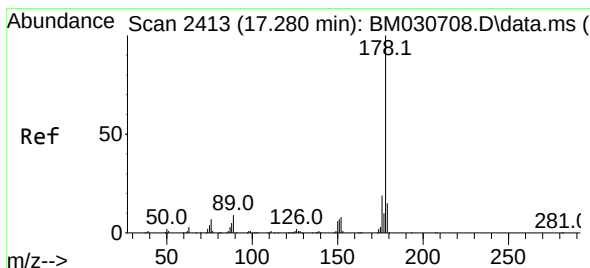
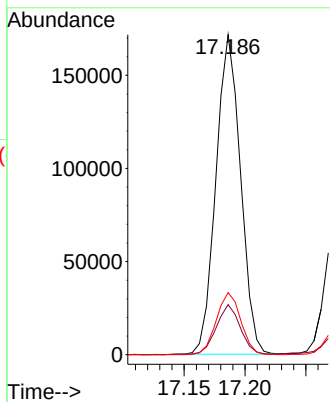
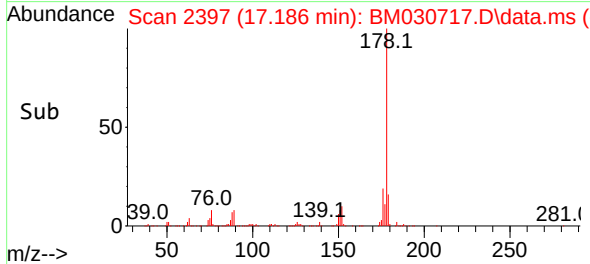




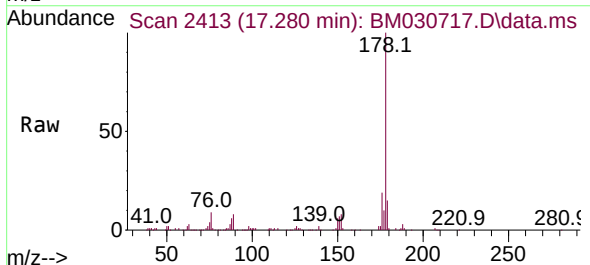
#72
Phenanthrene
Concen: 8.289 ng/u1
RT: 17.186 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM030717.D
Acq: 30 Jun 2021 22:32



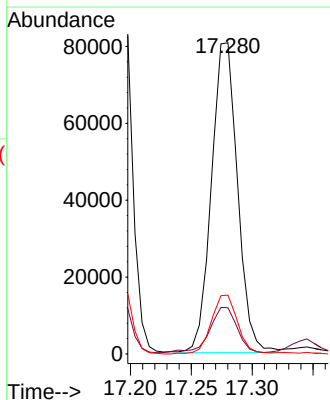
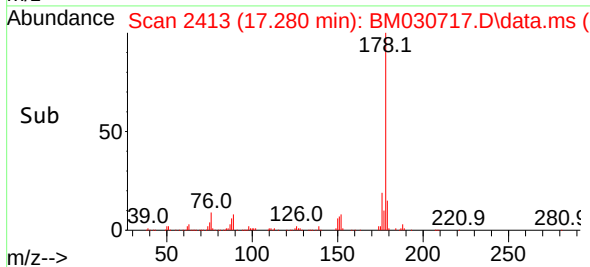
Tgt Ion:178 Resp: 240929
Ion Ratio Lower Upper
178 100
179 15.7 12.1 18.1
176 19.4 15.2 22.8



#74
Anthracene
Concen: 4.060 ng/u1
RT: 17.280 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM030717.D
Acq: 30 Jun 2021 22:32



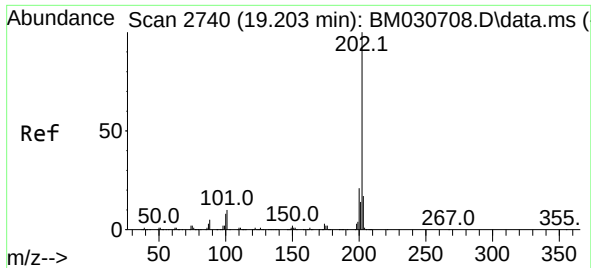
Tgt Ion:178 Resp: 120662
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 18.9 15.2 22.8



Instrument :
BNA_M
ClientSampled :
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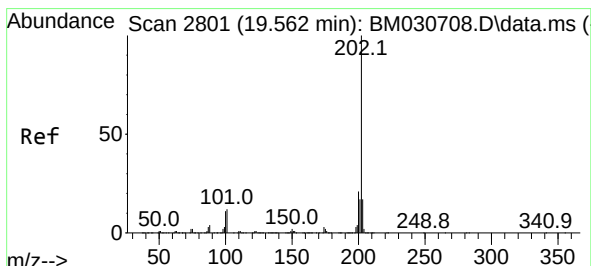
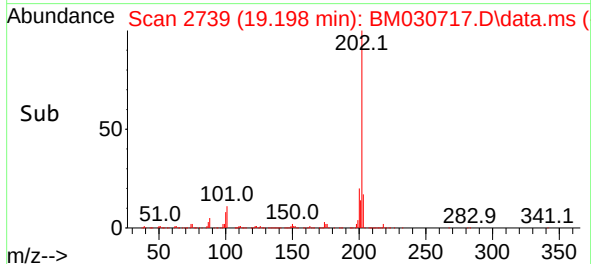
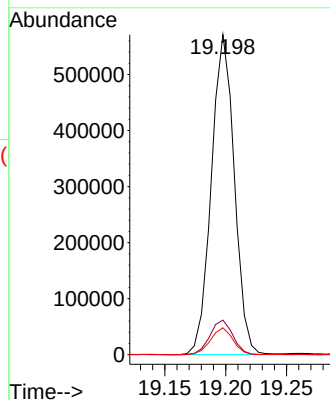
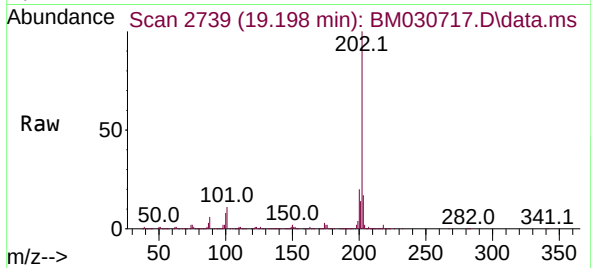
#80
Fluoranthene
Concen: 25.553 ng/u1
RT: 19.198 min Scan# 2739
Delta R.T. -0.006 min
Lab File: BM030717.D
Acq: 30 Jun 2021 22:32

Tgt Ion:202 Resp: 748768
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 8.4 6.8 10.2

Instrument :
BNA_M
ClientSampled :
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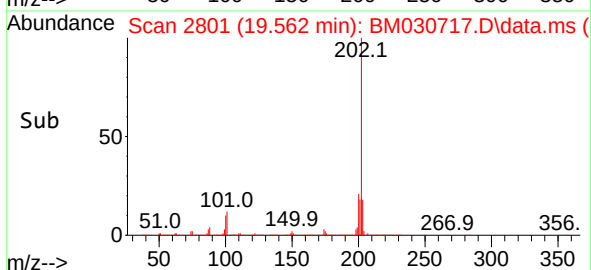
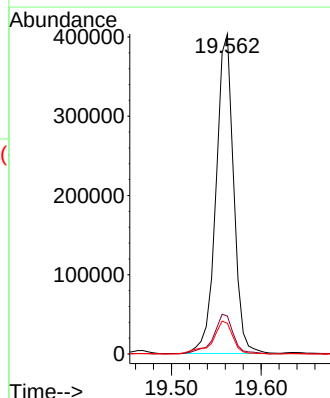
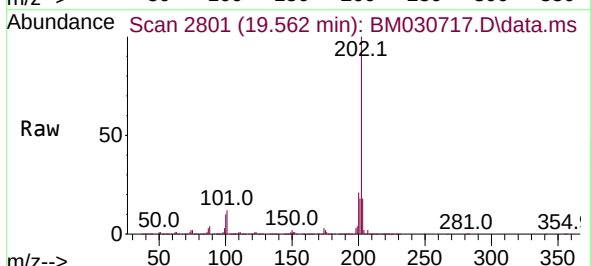
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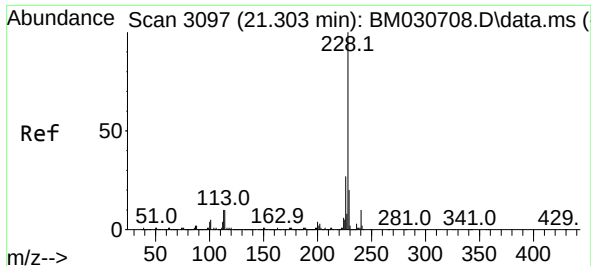
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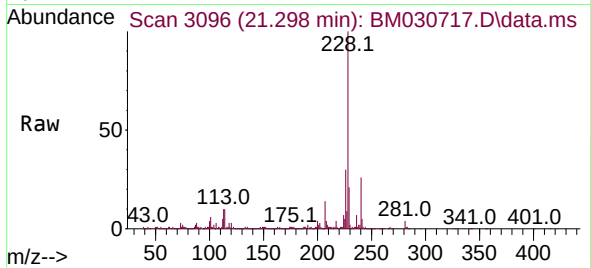
#82
Pyrene
Concen: 17.815 ng/u1
RT: 19.562 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM030717.D
Acq: 30 Jun 2021 22:32

Tgt Ion:202 Resp: 548520
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 9.6 8.5 12.7

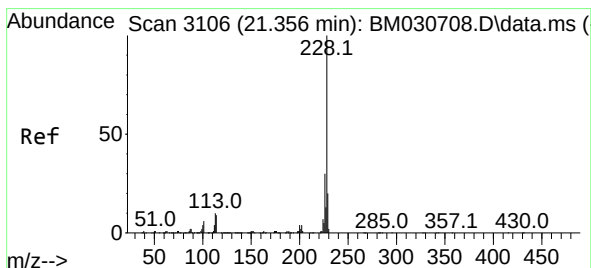
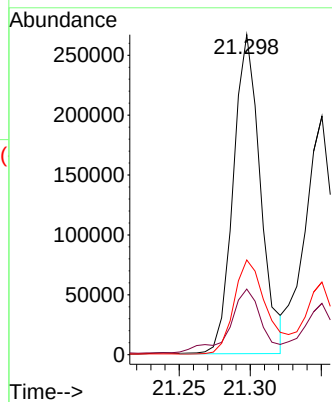
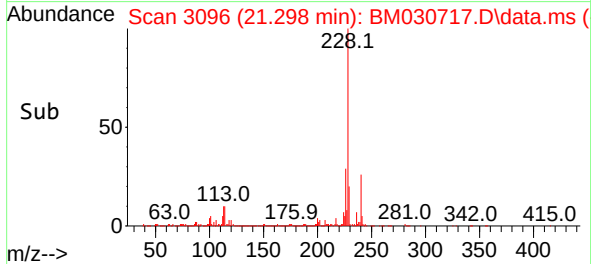




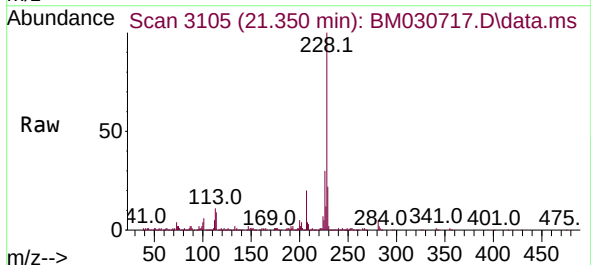
#85
Benzo(a)anthracene
Concen: 12.491 ng/u1
RT: 21.298 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM030717.D
Acq: 30 Jun 2021 22:32



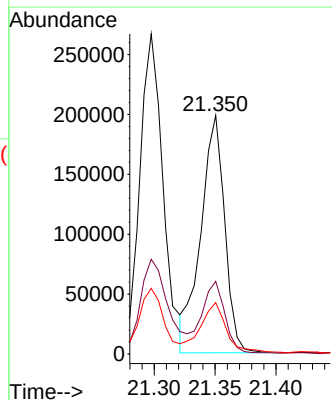
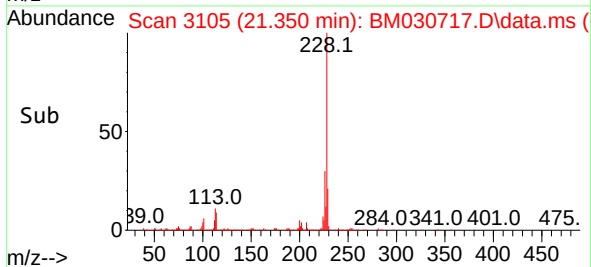
Tgt Ion:228 Resp: 354933
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 29.6 22.2 33.2



#87
Chrysene
Concen: 9.776 ng/u1
RT: 21.350 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM030717.D
Acq: 30 Jun 2021 22:32



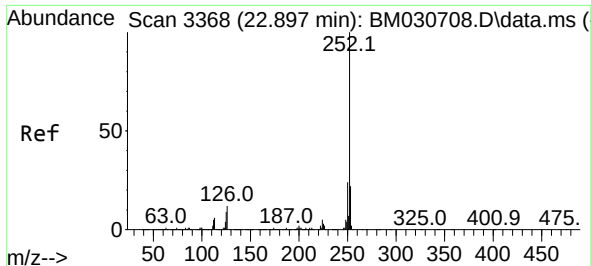
Tgt Ion:228 Resp: 270806
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 21.6 15.9 23.9



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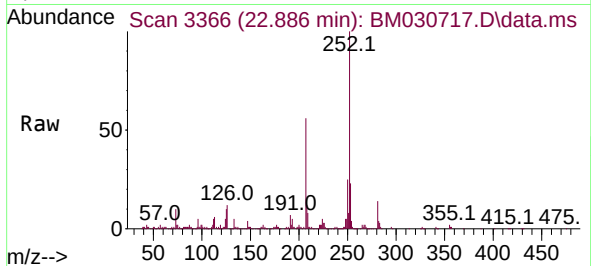
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#90
Benzo(b)fluoranthene
Concen: 11.174 ng/ul
RT: 22.886 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BM030717.D
Acq: 30 Jun 2021 22:32

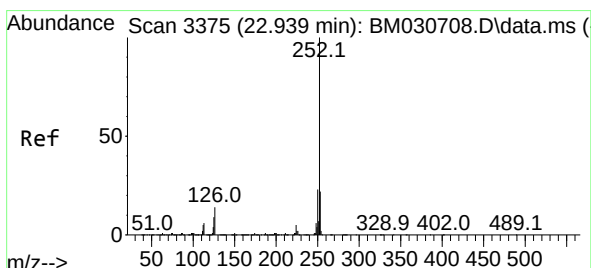
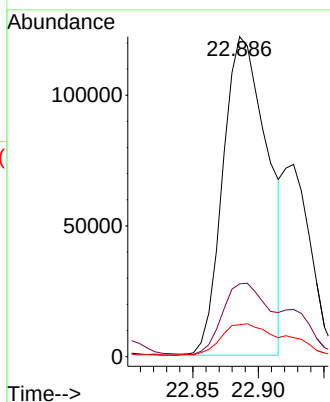
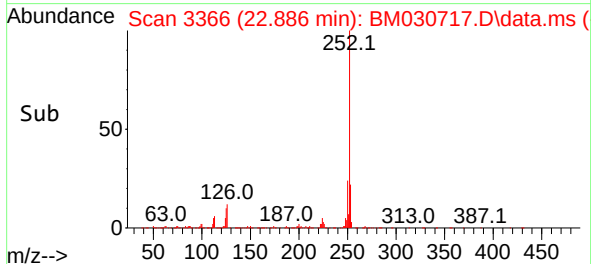
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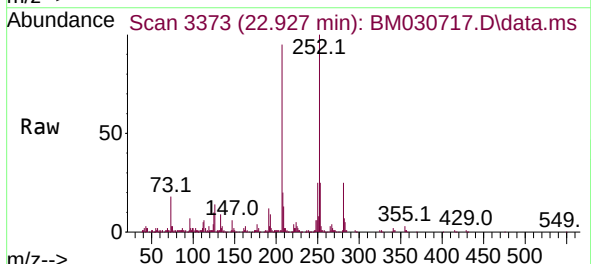
Tgt Ion:252 Resp: 288370
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.0 7.7 11.5

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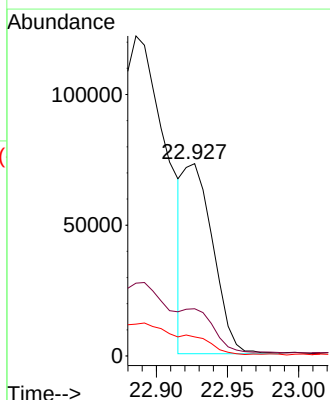
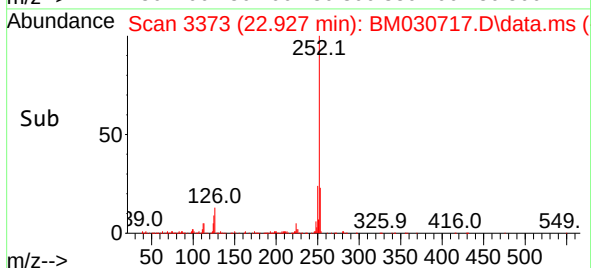
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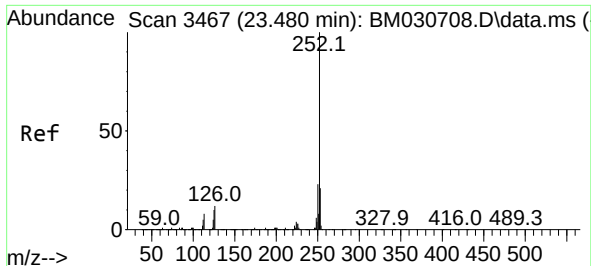


#91
Benzo(k)fluoranthene
Concen: 4.219 ng/ul m
RT: 22.927 min Scan# 3373
Delta R.T. -0.012 min
Lab File: BM030717.D
Acq: 30 Jun 2021 22:32



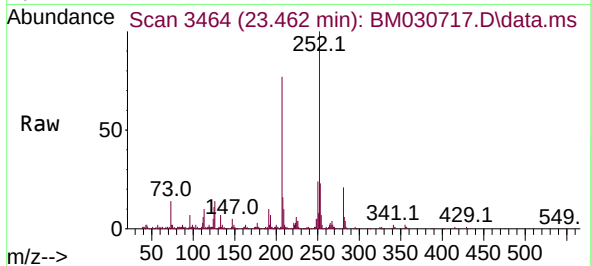
Tgt Ion:252 Resp: 104638
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 9.9 7.9 11.9





#93
Benzo(a)pyrene
Concen: 7.482 ng/ul
RT: 23.462 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BM030717.D
Acq: 30 Jun 2021 22:32

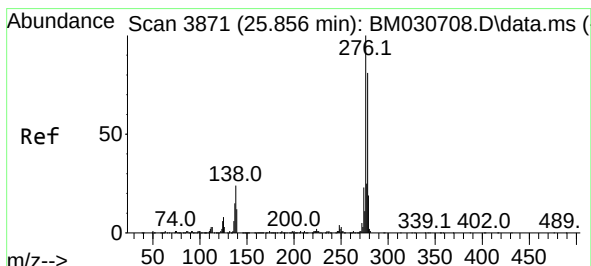
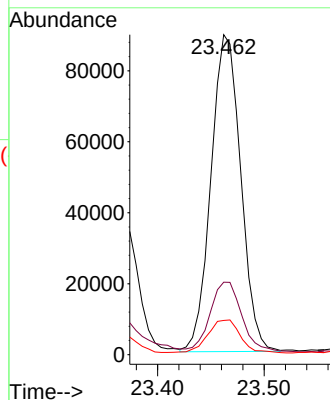
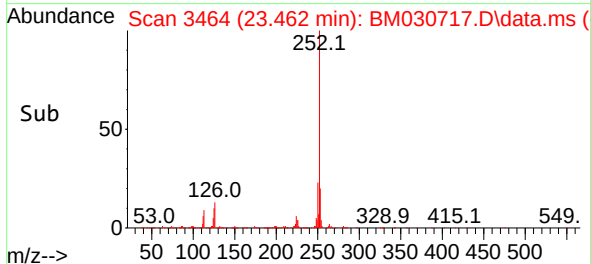
Instrument :
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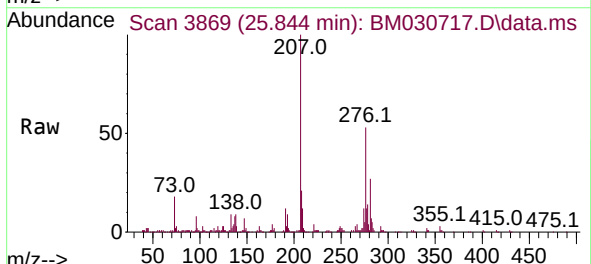
Tgt Ion:252 Resp: 173625
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.7 8.6 13.0

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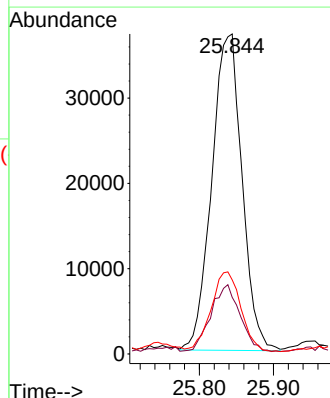
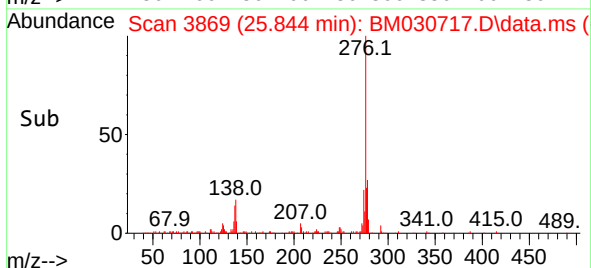
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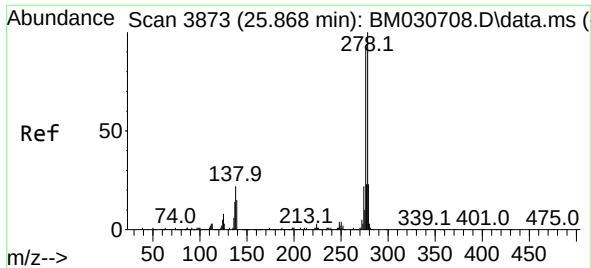


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.601 ng/ul
RT: 25.844 min Scan# 3869
Delta R.T. -0.006 min
Lab File: BM030717.D
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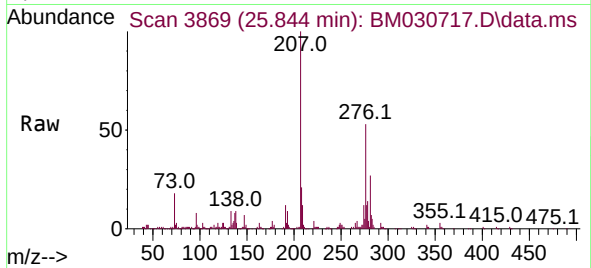
Tgt Ion:276 Resp: 105205
Ion Ratio Lower Upper
276 100
138 23.9 19.5 29.3
277 23.1 19.6 29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.349 ng/ul
 RT: 25.844 min Scan# 3869
 Delta R.T. -0.012 min
 Lab File: BM030717.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	12.8	19.2#
279	30.1	19.1	28.7#

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