

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030798.D
 Acq On : 03 Jul 2021 06:12
 Operator : CG/JU
 Sample : M2869-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDx1

Manual Integrations
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 7/6/2021 9:25:38 AM

Quant Time: Jul 03 06:53:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 03 06:52:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	89790	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	353904	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	202422	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	390179	20.00	ng/ul	0.00
79) Chrysene-d12	21.303	240	409916	20.00	ng/ul	0.00
88) Perylene-d12	23.550	264	452863	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	5812	2.62	ng/uL	0.00
4) Pyridine-d5	3.699	84	37178	6.25	ng/ul	0.02
7) Phenol-d5	6.934	99	87532	11.30	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	60348	12.40	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	74107	12.40	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	67594	11.22	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	30978	11.73	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	30818	10.50	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	61009	10.85	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	69992	8.93	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	190931	13.66	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	230108	12.68	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	14913m	5.63	ng/ul	0.01
60) Fluorene-d10	15.386	176	168879	13.62	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	8234	3.23	ng/ul	0.00
73) Anthracene-d10	17.233	188	253346	13.91	ng/ul	0.00
81) Pyrene-d10	19.521	212	259190	12.07	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	252780	10.74	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.598	128	29299	1.64	ng/ul	100
47) Dimethylphthalate	13.857	163	69349	5.06	ng/ul	99
50) Acenaphthylene	14.116	152	48964	2.91	ng/ul#	95
52) Acenaphthene	14.457	153	140906	11.54	ng/ul	99
56) Dibenzofuran	14.792	168	38114	2.24	ng/ul	97
61) Fluorene	15.445	166	165623	11.80	ng/ul	99
72) Phenanthrene	17.180	178	1982287	94.60	ng/ul	99
74) Anthracene	17.268	178	703818	32.85	ng/ul	99
80) Fluoranthene	19.192	202	2309649	88.05	ng/ul	99
82) Pyrene	19.551	202	1580906	57.35	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1118406	43.96	ng/ul	94
87) Chrysene	21.339	228	876564	35.35	ng/ul	98
90) Benzo(b)fluoranthene	22.880	252	1053763	36.65	ng/ul	99
91) Benzo(k)fluoranthene	22.915	252	427605m	15.48	ng/ul	
93) Benzo(a)pyrene	23.450	252	601411	23.26	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.821	276	411521	12.64	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.827	278	137875	5.11	ng/ul#	92
96) Benzo(g,h,i)perylene	26.515	276	33213	1.22	ng/ul#	90

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

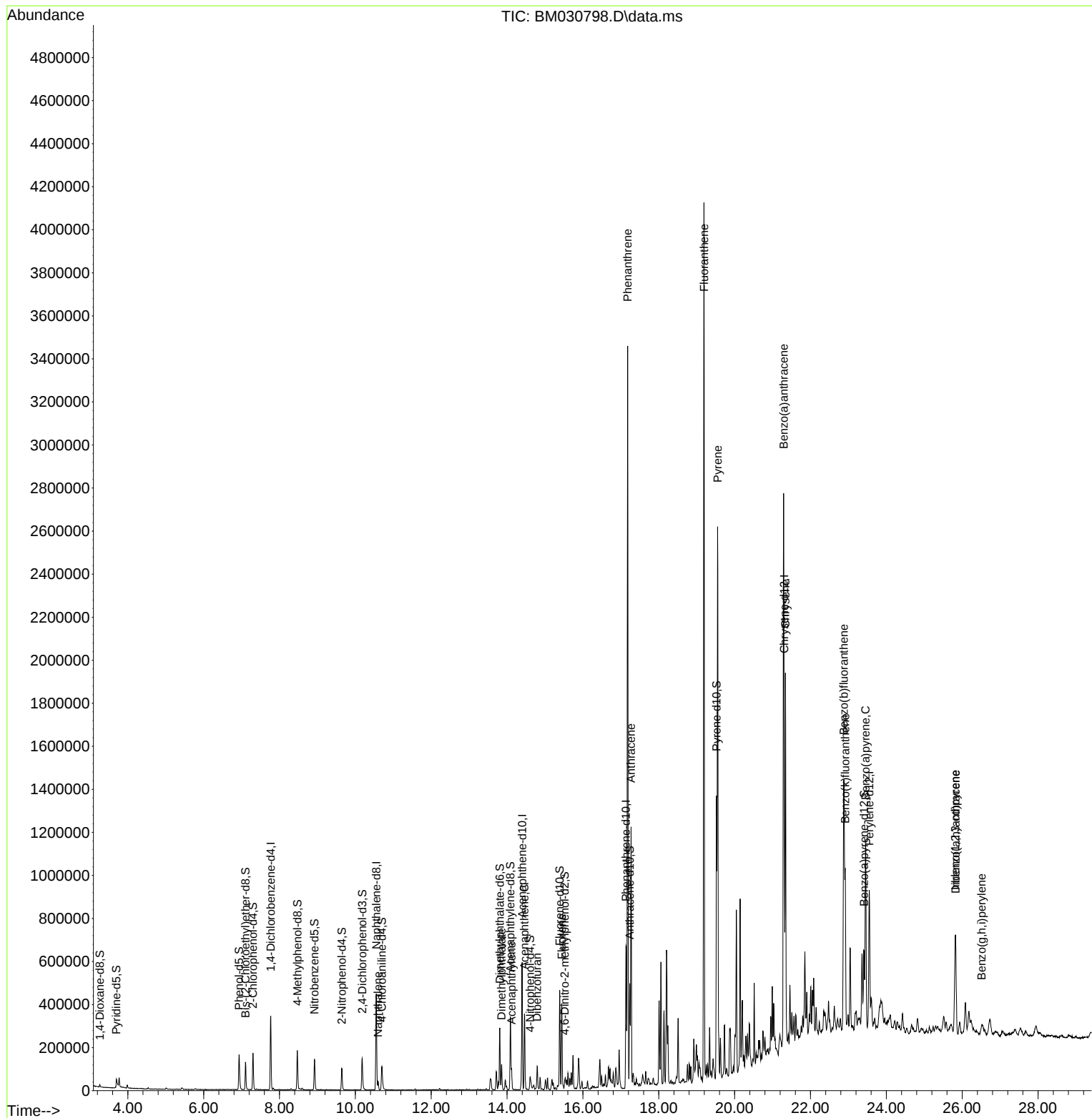
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Data File : BM030798.D
Acq On : 03 Jul 2021 06:12
Operator : CG/JU
Sample : M2869-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

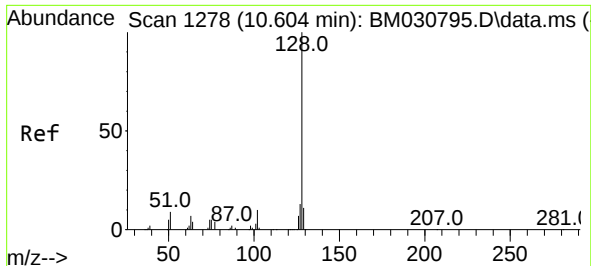
Instrument :
BNA_M
ClientSampleId :
BGDX1

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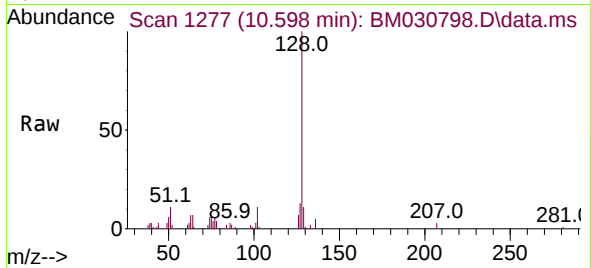
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Quant Title : SVOA CALIBRATION
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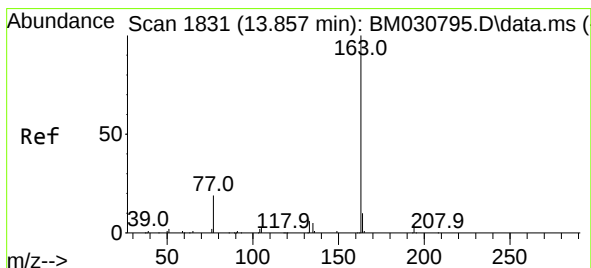
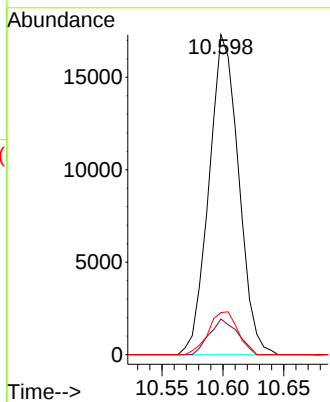
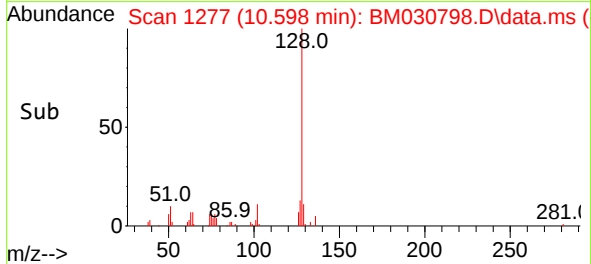




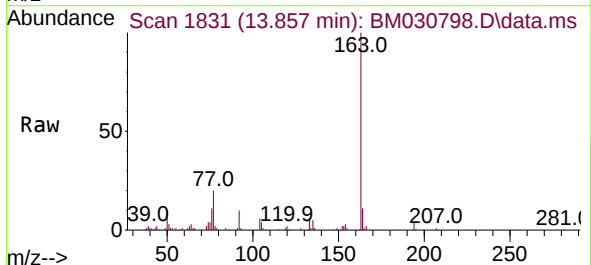
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Naphthalene
Concen: 1.64 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12



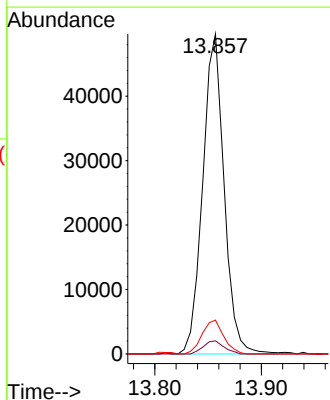
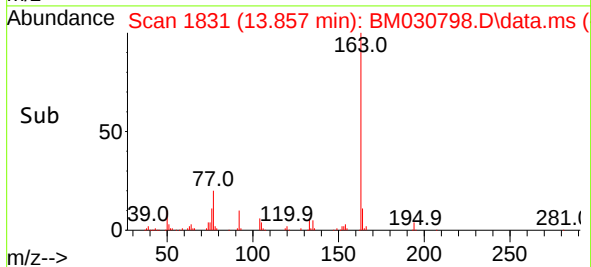
Tgt Ion:128 Resp: 29299
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.6 15.8



#47
Dimethylphthalate
Concen: 5.06 ng/ul
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12



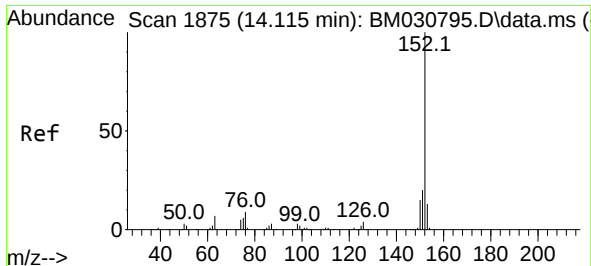
Tgt Ion:163 Resp: 69349
Ion Ratio Lower Upper
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194 4.1 3.2 4.8
164 10.6 8.2 12.4



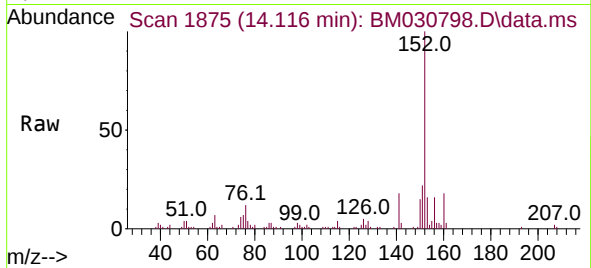
Instrument :
BNA_M
ClientSampled :
BGDX1

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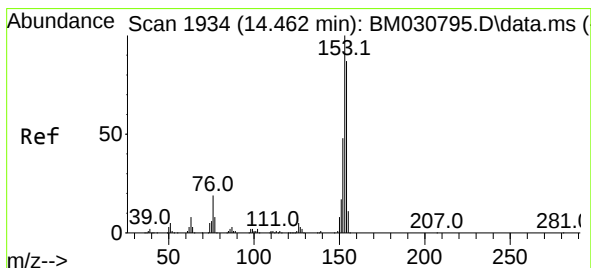
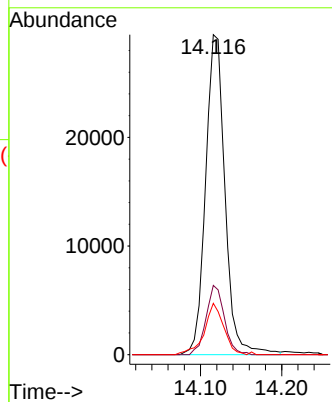
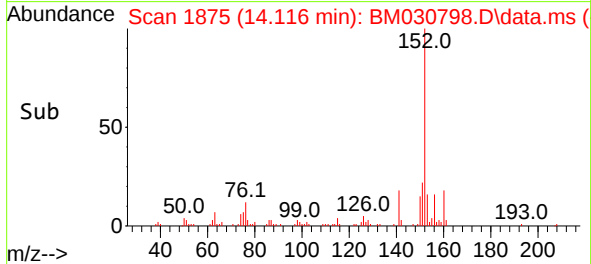
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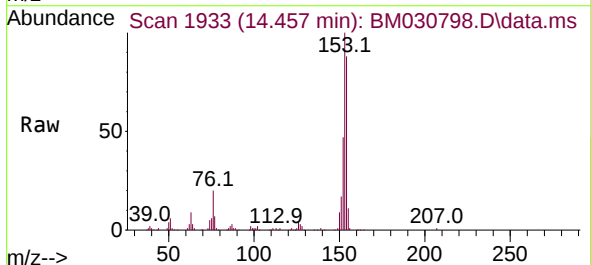
#50
Acenaphthylene
Concen: 2.91 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12



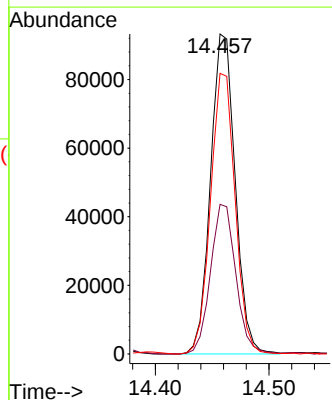
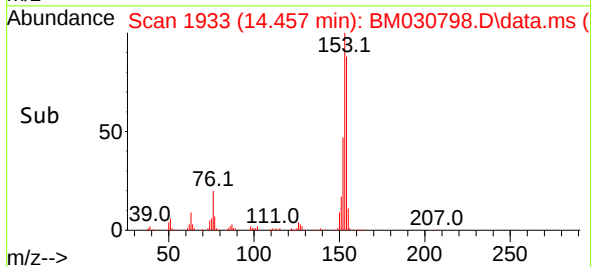
Tgt Ion:152 Resp: 48964
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.2
153 16.1 10.2 15.4#



#52
Acenaphthene
Concen: 11.54 ng/ul
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12



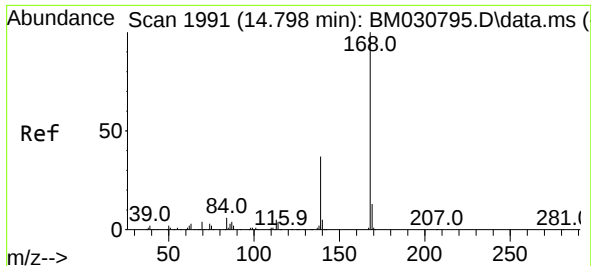
Tgt Ion:153 Resp: 140906
Ion Ratio Lower Upper
153 100
152 46.8 37.4 56.2
154 87.7 69.4 104.0



Instrument :
BNA_M
ClientSampled :
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Manual Integrations
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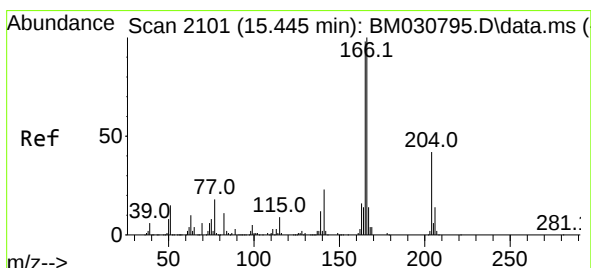
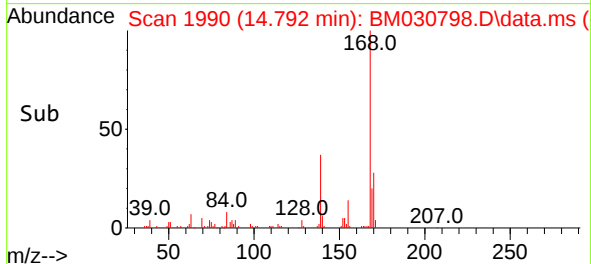
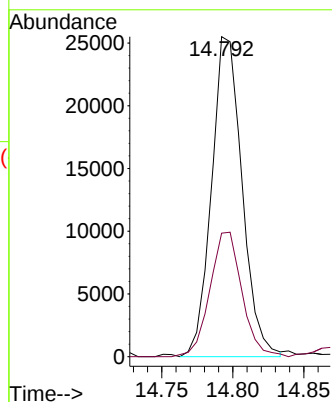
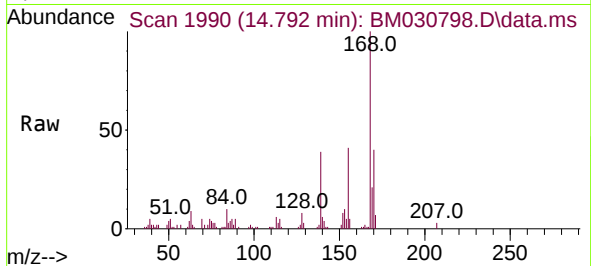
#56
Dibenzofuran
Concen: 2.24 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12

Instrument :
BNA_M
ClientSampled :
BGDX1

Tgt Ion:168 Resp: 38114
Ion Ratio Lower Upper
168 100
139 38.6 29.5 44.3

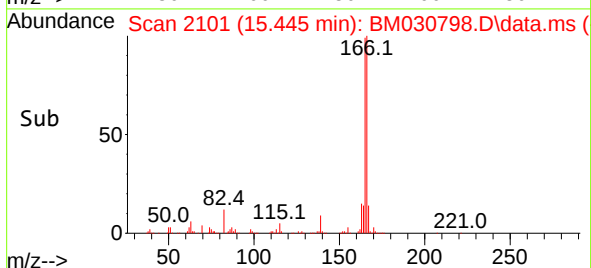
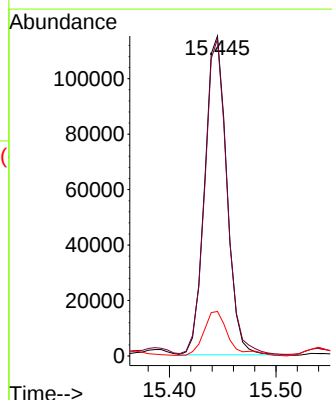
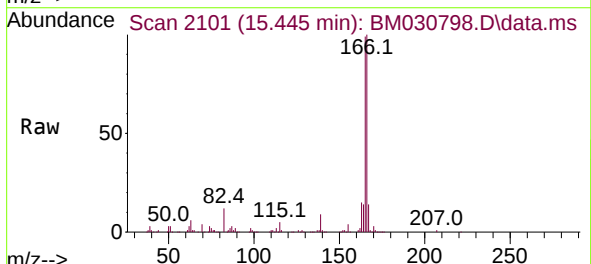
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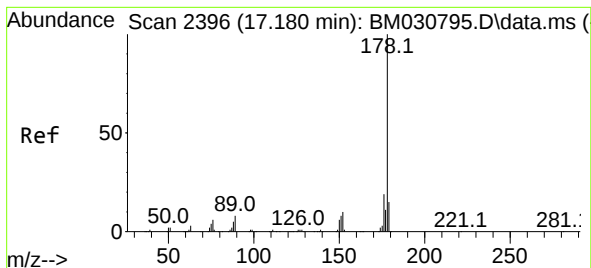
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#61
Fluorene
Concen: 11.80 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12

Tgt Ion:166 Resp: 165623
Ion Ratio Lower Upper
166 100
165 99.1 78.4 117.6
167 13.9 10.6 15.8





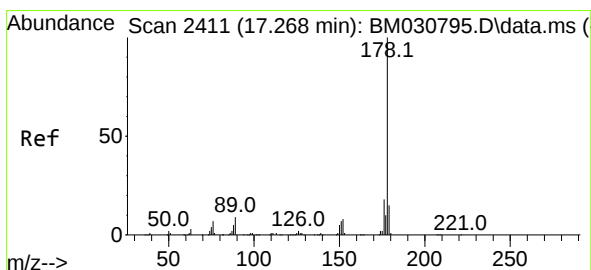
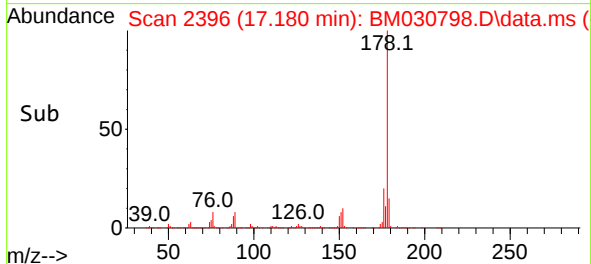
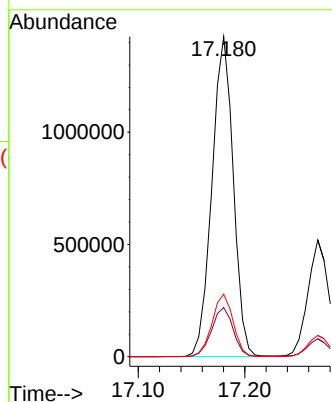
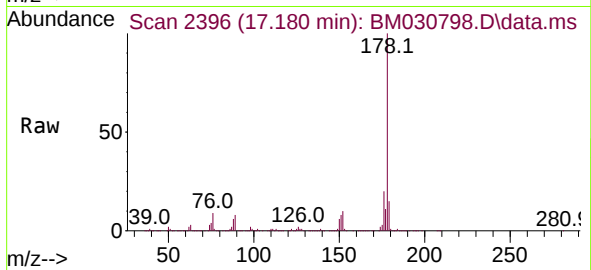
#72
Phenanthrene
Concen: 94.60 ng/ul
RT: 17.180 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12

Tgt Ion:178 Resp: 1982287
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.5 15.2 22.8

Instrument :
BNA_M
ClientSampled :
BGDX1

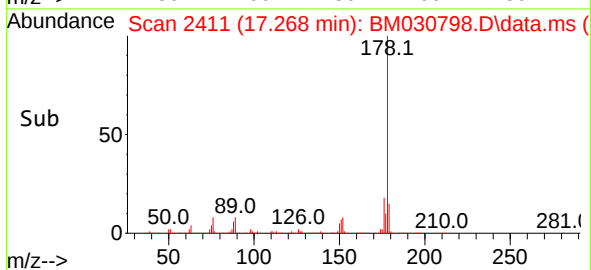
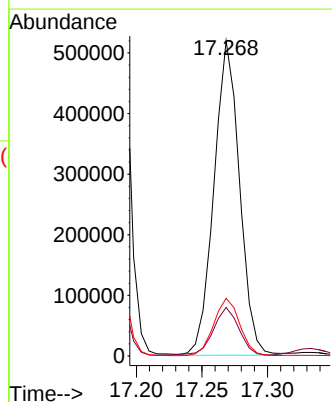
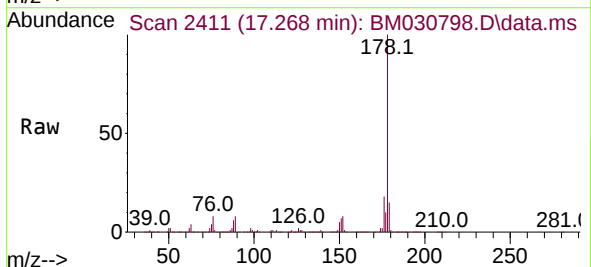
Manual Integrations
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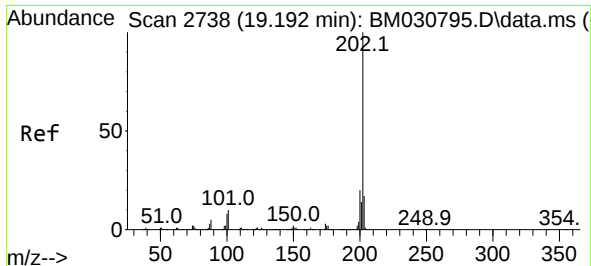
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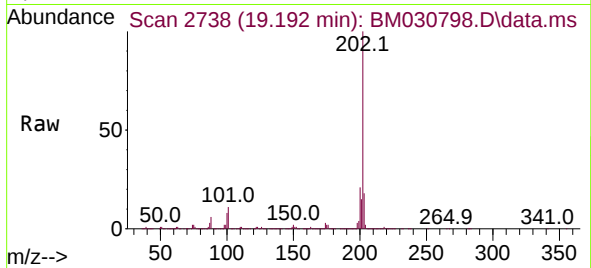
#74
Anthracene
Concen: 32.85 ng/ul
RT: 17.268 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12

Tgt Ion:178 Resp: 703818
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 18.3 15.2 22.8

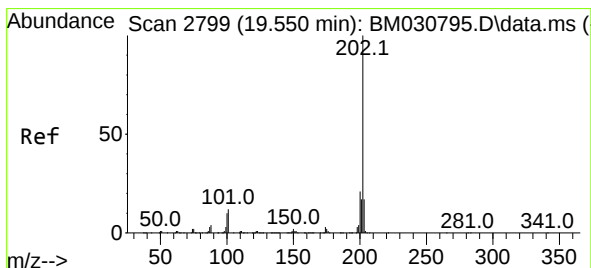
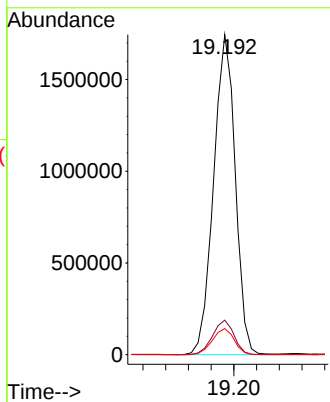
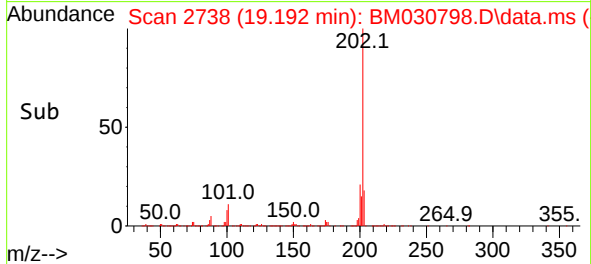




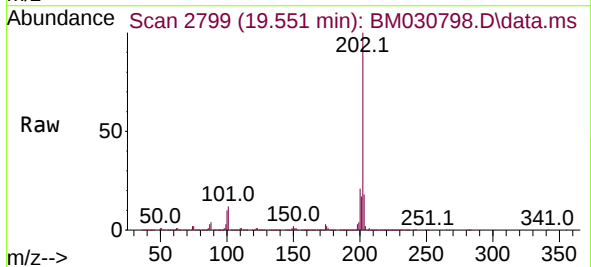
#80
Fluoranthene
Concen: 88.05 ng/ul
RT: 19.192 min Scan# 2738
Delta R.T. 0.000 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12



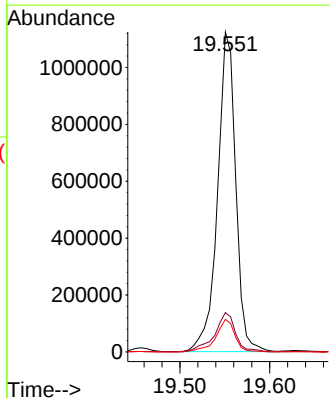
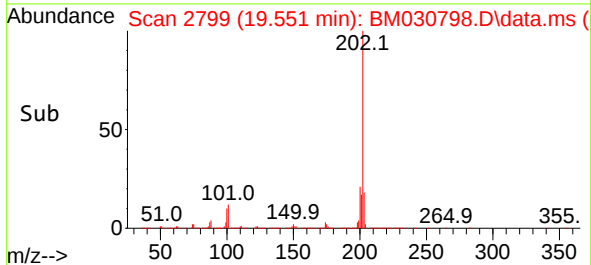
Tgt Ion:202 Resp: 2309649
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 8.2 6.8 10.2



#82
Pyrene
Concen: 57.35 ng/ul
RT: 19.551 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12



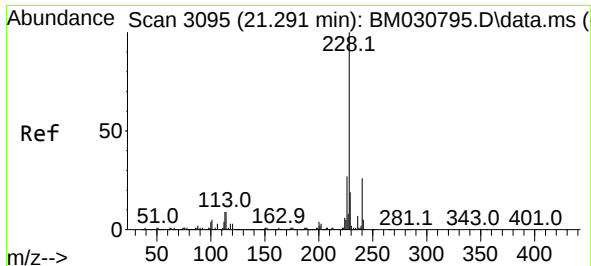
Tgt Ion:202 Resp: 1580906
Ion Ratio Lower Upper
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101 12.3 10.0 15.0
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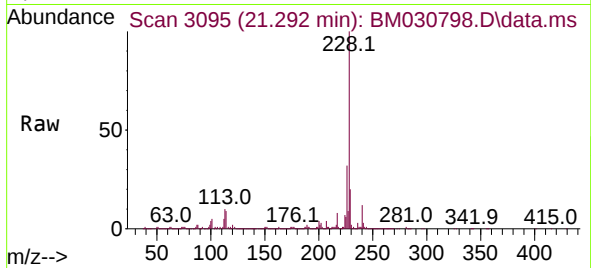
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#85
Benzo(a)anthracene
Concen: 43.96 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12

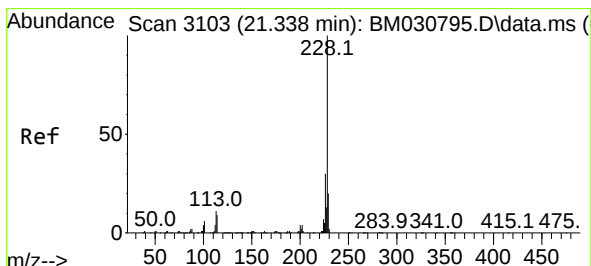
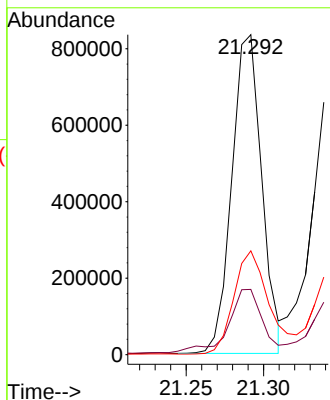
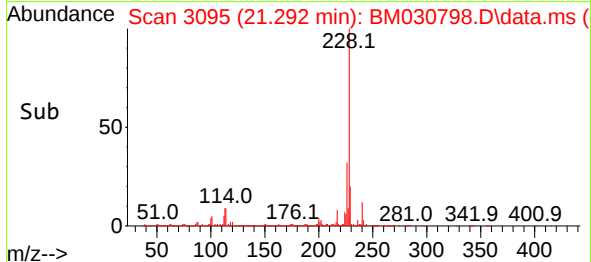
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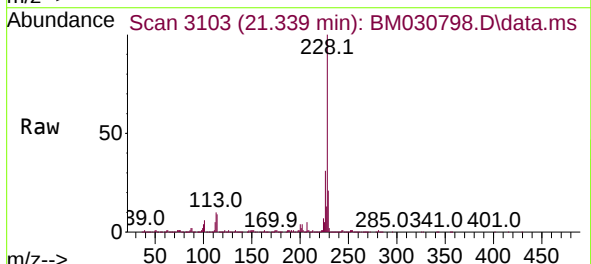
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Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 32.5 22.2 33.2

Manual Integrations
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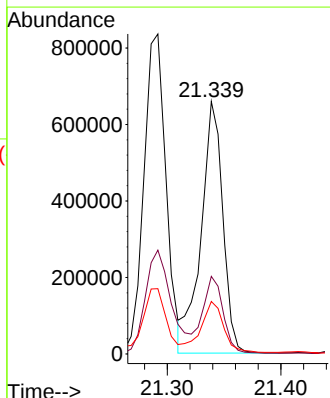
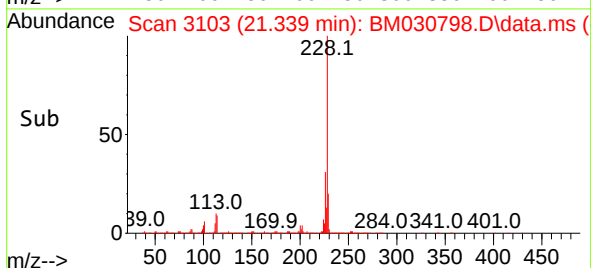
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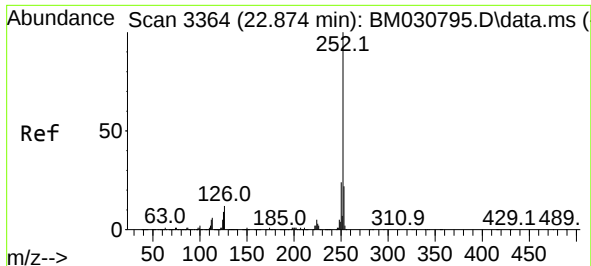


#87
Chrysene
Concen: 35.35 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12



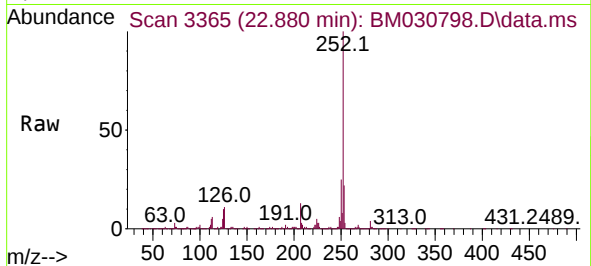
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Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 20.8 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 36.65 ng/ul
RT: 22.880 min Scan# 3365
Delta R.T. 0.000 min
Lab File: BM030798.D
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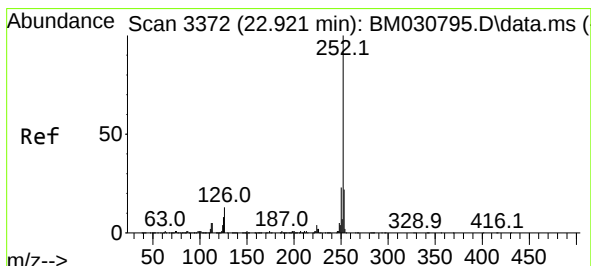
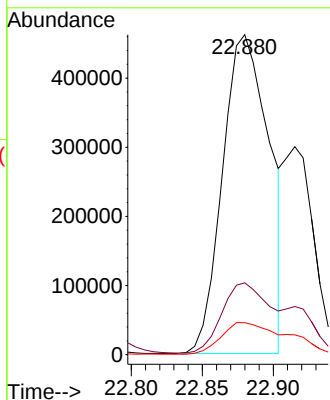
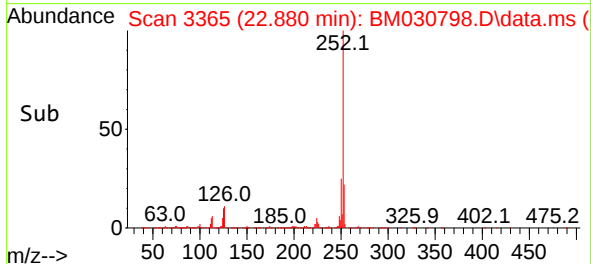
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BNA_M
ClientSampled :
BGDX1



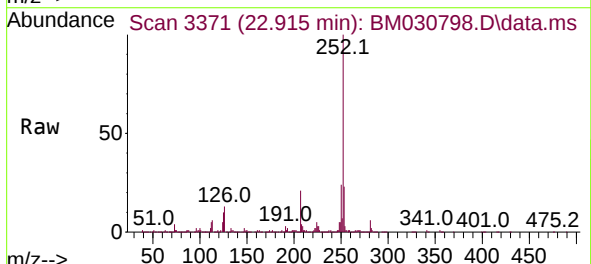
Tgt Ion:252 Resp: 1053763
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.0 7.7 11.5

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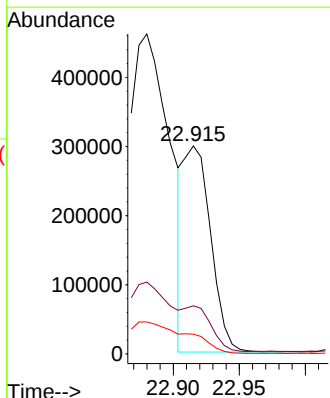
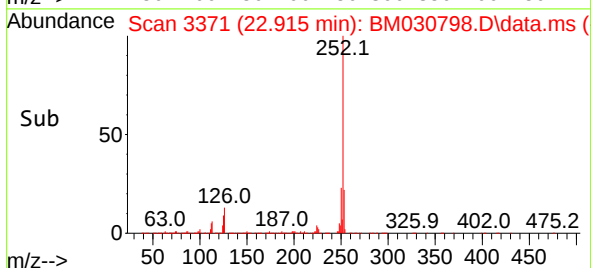
mohammad
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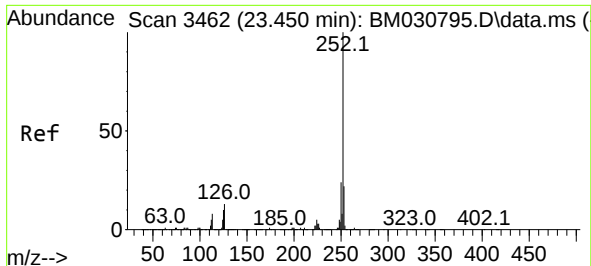


#91
Benzo(k)fluoranthene
Concen: 15.48 ng/ul m
RT: 22.915 min Scan# 3371
Delta R.T. -0.012 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12



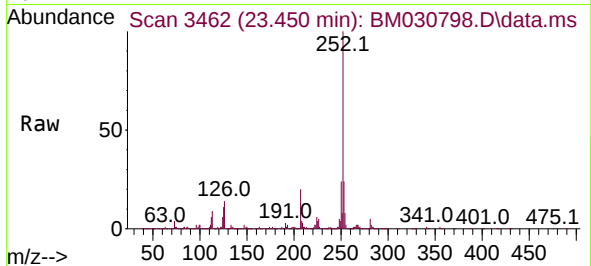
Tgt Ion:252 Resp: 427605
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 9.5 7.9 11.9





#93
Benzo(a)pyrene
Concen: 23.26 ng/ul
RT: 23.450 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12

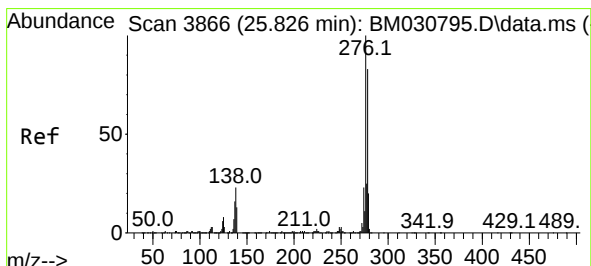
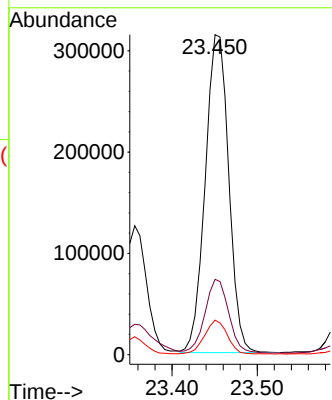
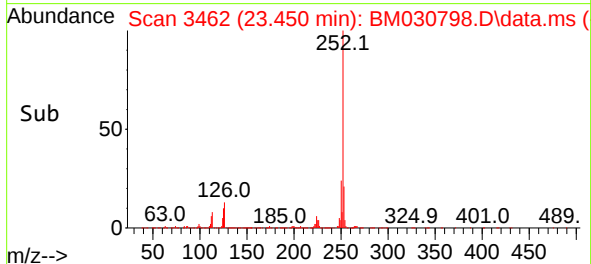
Instrument :
BNA_M
ClientSampled :
BGDX1



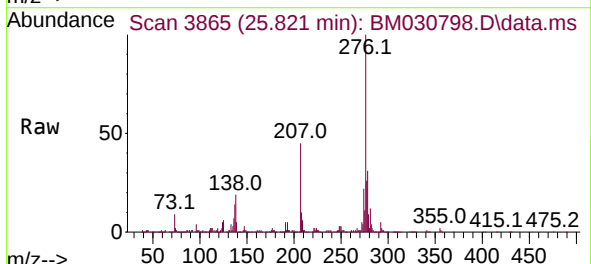
Tgt Ion:252 Resp: 601411
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 10.8 8.6 13.0

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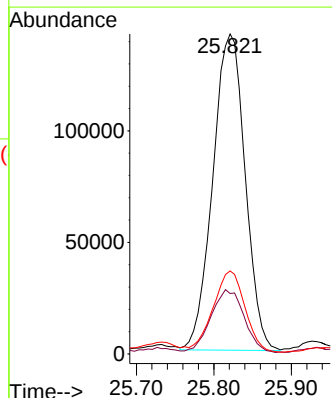
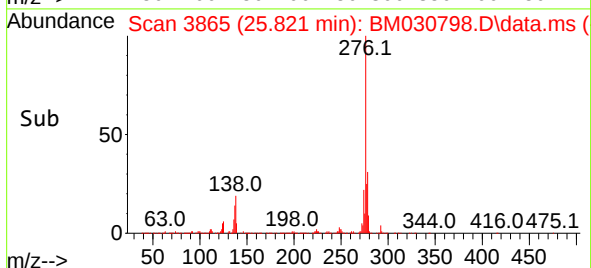
mohammad
7/6/2021 9:25:38 AM

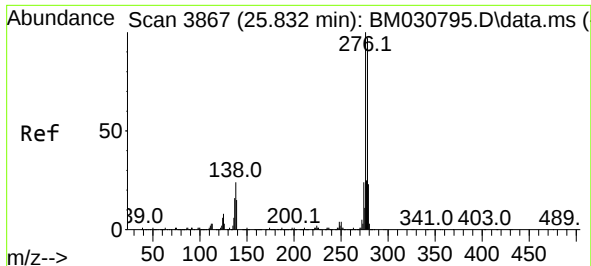


#94
Indeno(1,2,3-cd)pyrene
Concen: 12.64 ng/ul
RT: 25.821 min Scan# 3865
Delta R.T. -0.017 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12



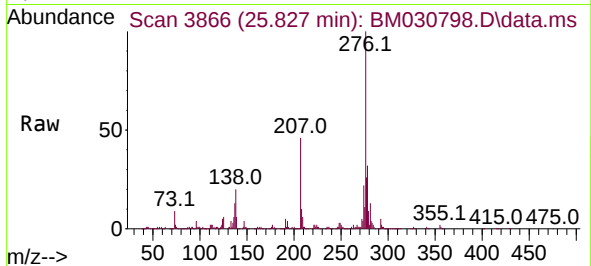
Tgt Ion:276 Resp: 411521
Ion Ratio Lower Upper
276 100
138 18.9 19.5 29.3#
277 26.0 19.6 29.4





#95
Dibenzo(a,h)anthracene
Concen: 5.11 ng/ul
RT: 25.827 min Scan# 3866
Delta R.T. -0.017 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12

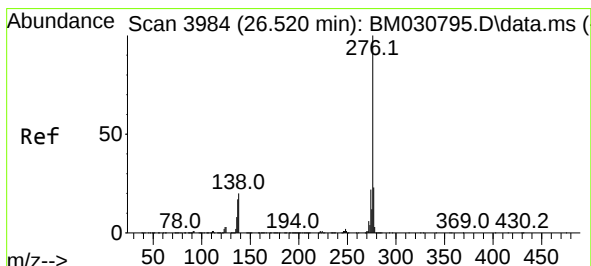
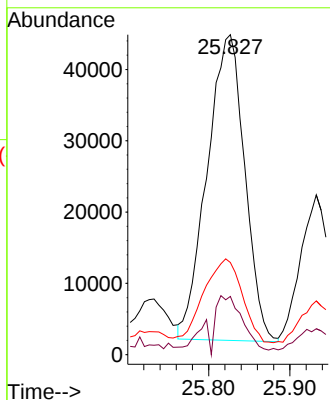
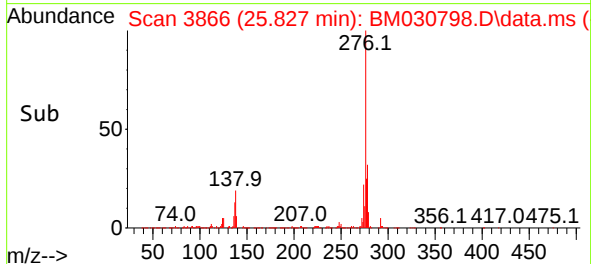
Instrument :
BNA_M
ClientSampled :
BGDX1



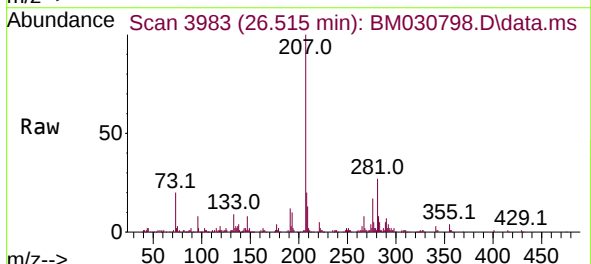
Tgt Ion:278 Resp: 137875
Ion Ratio Lower Upper
278 100
139 18.2 12.8 19.2
279 28.8 19.1 28.7#

Manual Integrations
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mohammad
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#96
Benzo(g,h,i)perylene
Concen: 1.22 ng/ul
RT: 26.515 min Scan# 3983
Delta R.T. -0.023 min
Lab File: BM030798.D
Acq: 03 Jul 2021 06:12



Tgt Ion:276 Resp: 33213
Ion Ratio Lower Upper
276 100
138 24.5 16.5 24.7
277 28.7 18.5 27.7#

