

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030800.D
 Acq On : 03 Jul 2021 07:24
 Operator : CG/JU
 Sample : M2869-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD5

Manual Integrations
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Quant Time: Jul 05 01:01:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 05 01:01:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	112304	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	455526	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	281674	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	517243	20.00	ng/ul	0.00
79) Chrysene-d12	21.309	240	519825	20.00	ng/ul	0.00
88) Perylene-d12	23.556	264	534797	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	7873	2.84	ng/uL	0.00
4) Pyridine-d5	3.687	84	57479	7.72	ng/ul	0.01
7) Phenol-d5	6.934	99	141475	14.61	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	92086	15.13	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	118511	15.85	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	114313	15.17	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	53339	15.69	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	57884	15.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	111589	15.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	115406	11.44	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	338007	17.38	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	414896	16.43	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	34526	9.37	ng/ul	0.00
60) Fluorene-d10	15.386	176	289154	16.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	9532	2.82	ng/ul	0.01
73) Anthracene-d10	17.239	188	409465	16.96	ng/ul	0.00
81) Pyrene-d10	19.527	212	410612	15.07	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	384767	13.84	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	6.963	94	16191	1.65	ng/ul	98
18) 4-Methylphenol	8.534	108	10034	1.30	ng/ul	92
30) Naphthalene	10.598	128	211062	9.15	ng/ul	99
36) 2-Methylnaphthalene	12.216	142	30768	1.91	ng/ul	99
47) Dimethylphthalate	13.857	163	120946	6.35	ng/ul	100
50) Acenaphthylene	14.116	152	181611	7.76	ng/ul#	95
52) Acenaphthene	14.463	153	1120172	65.91	ng/ul	99
56) Dibenzofuran	14.792	168	685823	28.95	ng/ul	98
61) Fluorene	15.445	166	1253100	64.18	ng/ul	99
72) Phenanthrene	17.192	178	9919475	357.11	ng/ul	93
74) Anthracene	17.280	178	3799467	133.78	ng/ul	99
77) Carbazole	17.539	167	29634	1.16	ng/ul#	84
80) Fluoranthene	19.204	202	8986840	270.15	ng/ul	100
82) Pyrene	19.562	202	6649317	190.23	ng/ul	99
85) Benzo(a)anthracene	21.298	228	4558394m	141.30	ng/ul	
87) Chrysene	21.350	228	3428382	109.01	ng/ul	95
90) Benzo(b)fluoranthene	22.892	252	4204340	123.83	ng/ul	99
91) Benzo(k)fluoranthene	22.927	252	1648187m	50.51	ng/ul	
93) Benzo(a)pyrene	23.468	252	2756866	90.30	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.844	276	1734023	45.12	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.844	278	544015	17.07	ng/ul	95
96) Benzo(g,h,i)perylene	26.527	276	129609	4.04	ng/ul#	95

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

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

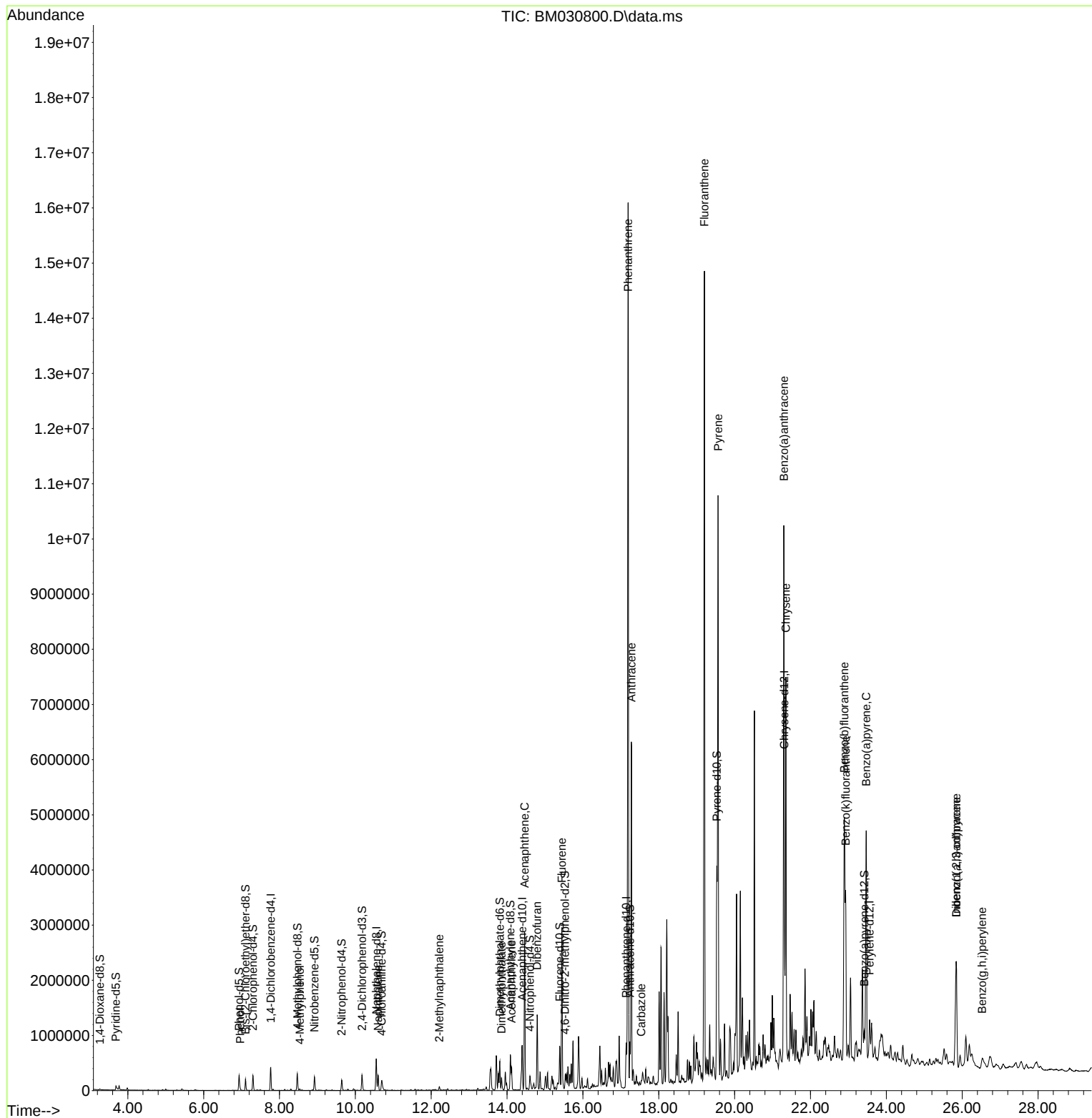
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030800.D
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Operator : CG/JU
Sample : M2869-07
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ALS Vial : 23 Sample Multiplier: 1

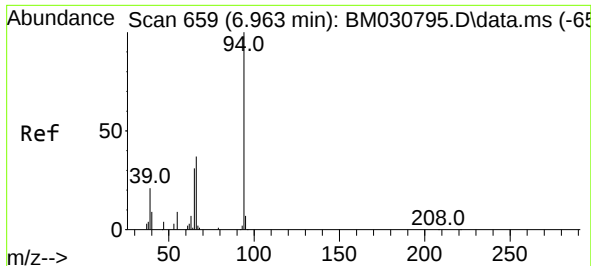
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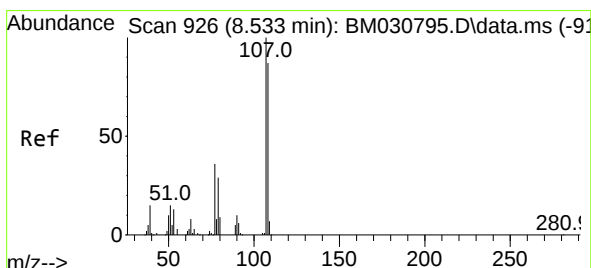
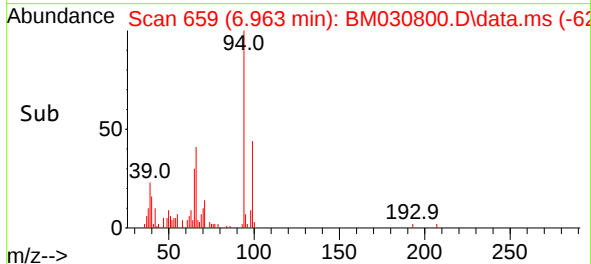
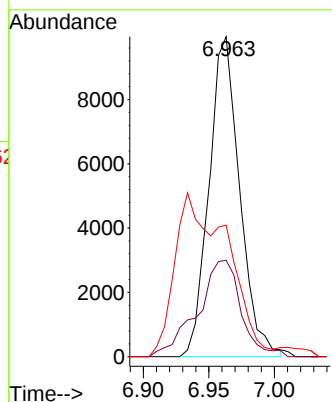
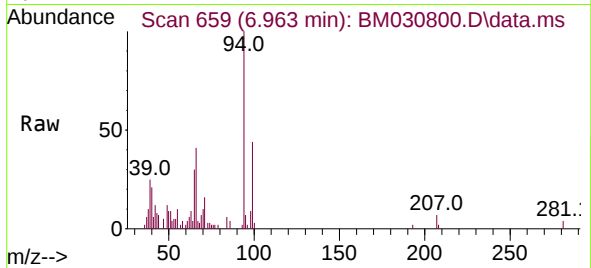
#8
Phenol
Concen: 1.65 ng/ul
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24

Tgt Ion:	94	Resp:	16191
Ion	Ratio	Lower	Upper
94	100		
65	30.1	24.2	36.4
66	41.1	31.4	47.0

Instrument :
BNA_M
ClientSampled :
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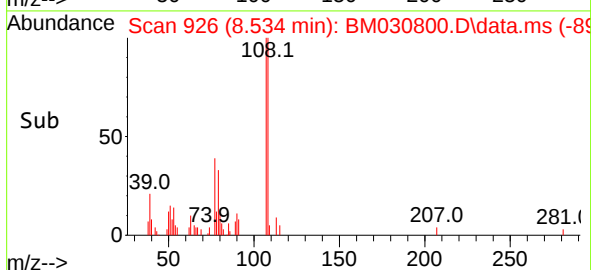
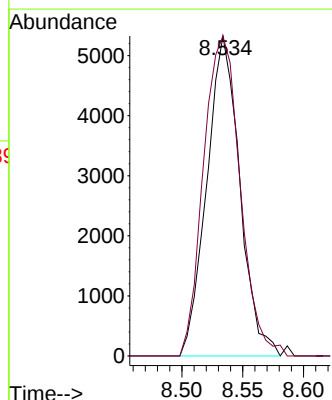
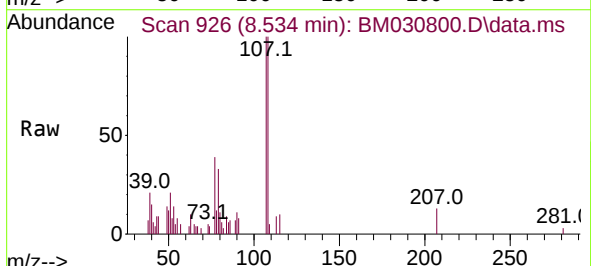
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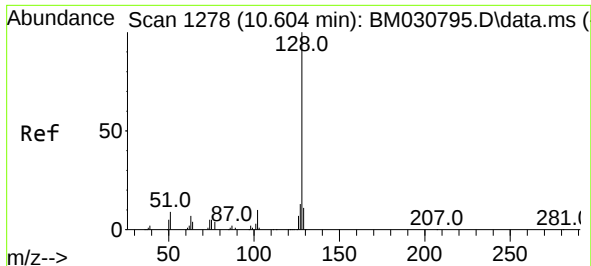
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#18
4-Methylphenol
Concen: 1.30 ng/ul
RT: 8.534 min Scan# 926
Delta R.T. 0.000 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24

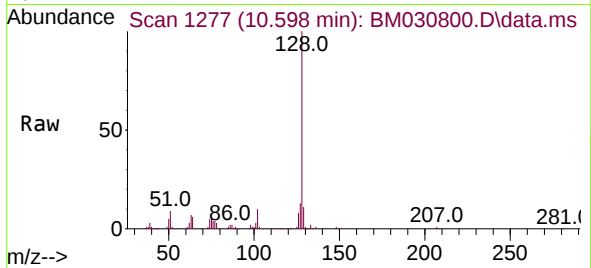
Tgt Ion:	108	Resp:	10034
Ion	Ratio	Lower	Upper
108	100		
107	100.1	87.0	130.6





#30
Naphthalene
Concen: 9.15 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24

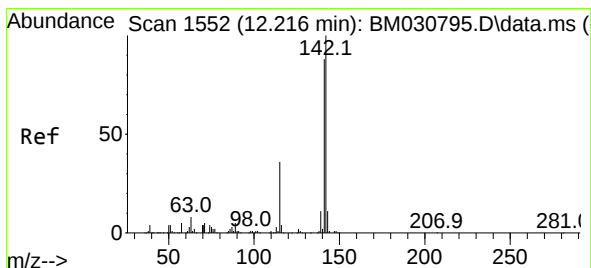
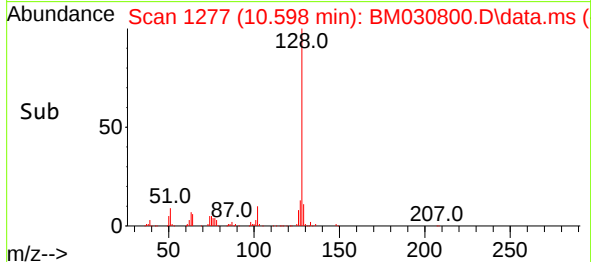
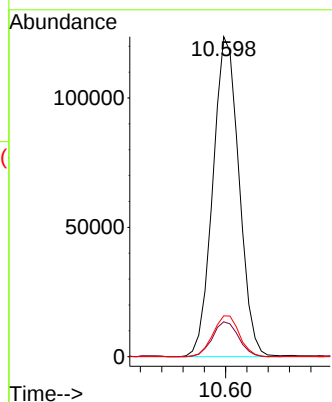
Instrument :
BNA_M
ClientSampled :
BGDX5



Tgt Ion:128 Resp: 211062
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.7 10.6 15.8

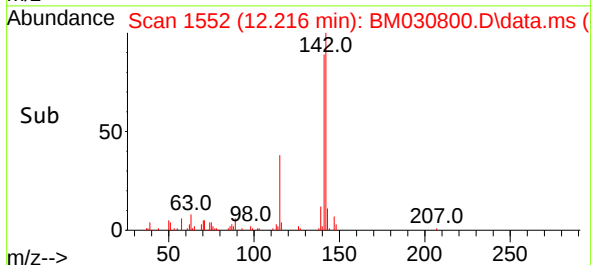
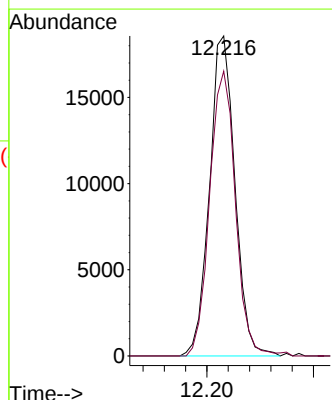
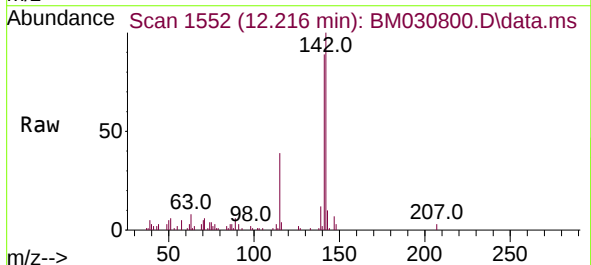
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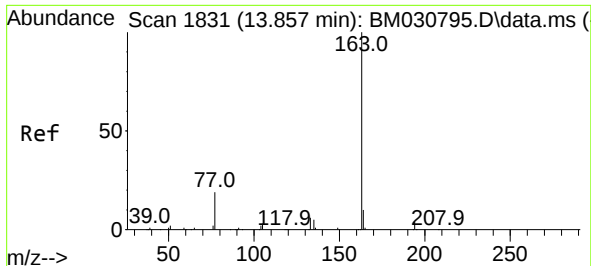
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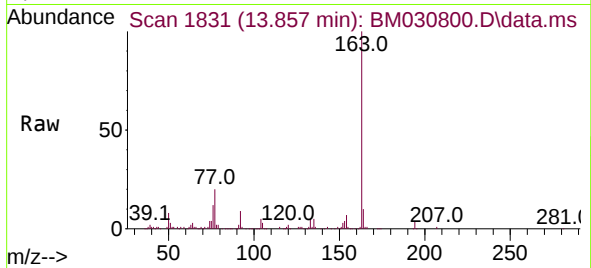
#36
2-Methylnaphthalene
Concen: 1.91 ng/ul
RT: 12.216 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24

Tgt Ion:142 Resp: 30768
Ion Ratio Lower Upper
142 100
141 89.0 70.6 105.8

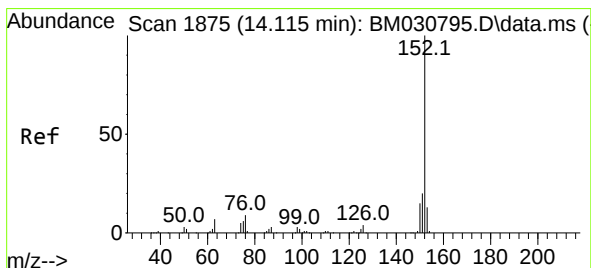
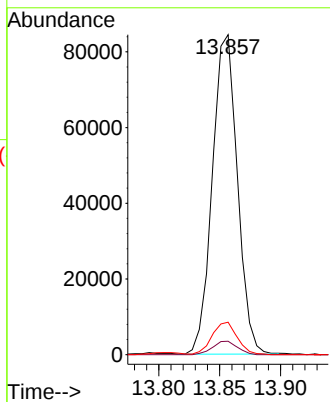
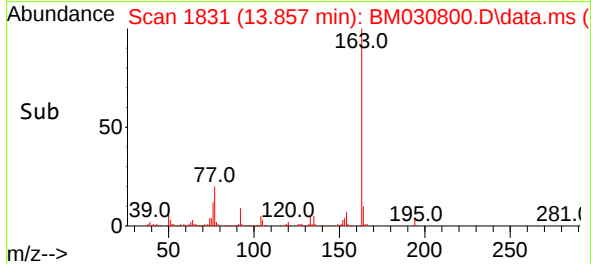




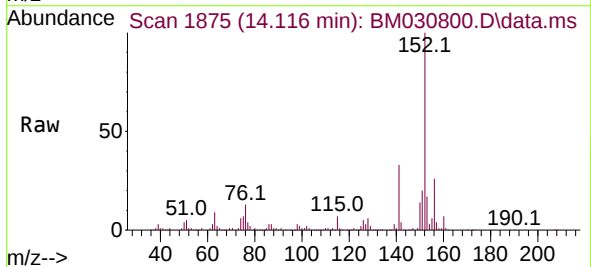
#47
Dimethylphthalate
Concen: 6.35 ng/ul
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24



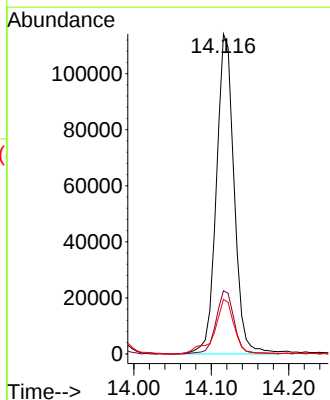
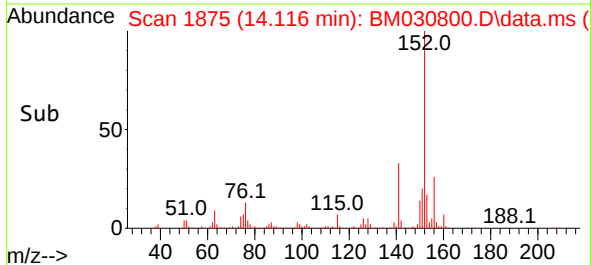
Tgt Ion:163 Resp: 120946
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 8.2 12.4



#50
Acenaphthylene
Concen: 7.76 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24



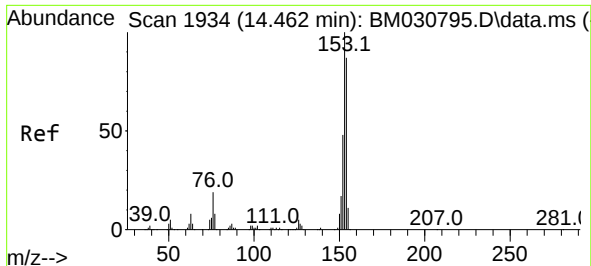
Tgt Ion:152 Resp: 181611
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 17.0 10.2 15.4#



Instrument :
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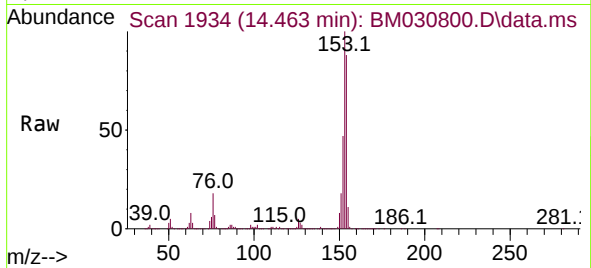
Manual Integrations
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#52
Acenaphthene
Concen: 65.91 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24

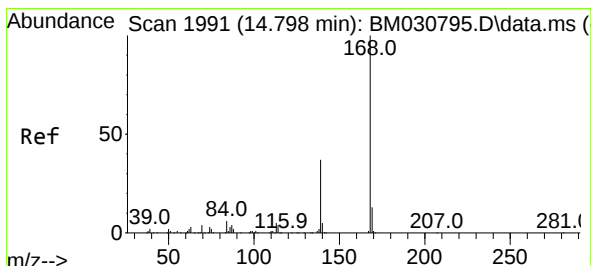
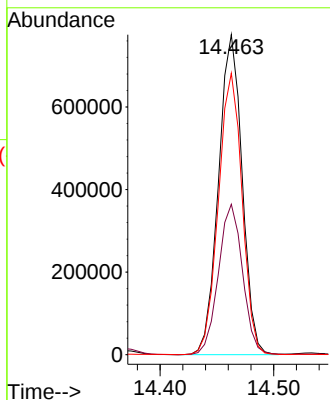
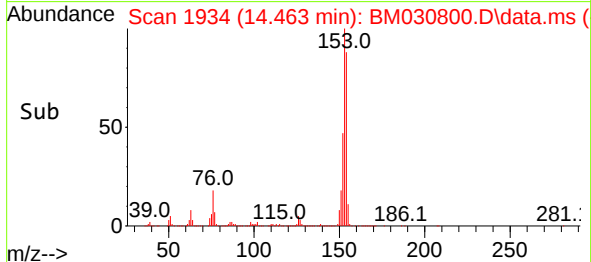
Instrument :
BNA_M
ClientSampled :
BGDX5



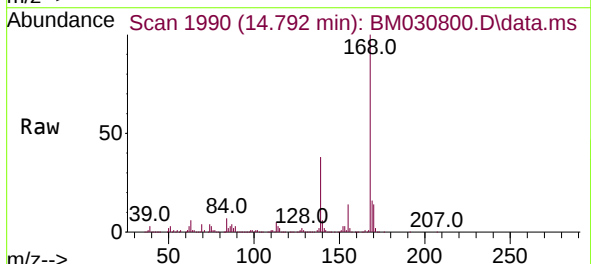
Tgt Ion:153 Resp: 1120172
Ion Ratio Lower Upper
153 100
152 47.0 37.4 56.2
154 88.0 69.4 104.0

Manual Integrations
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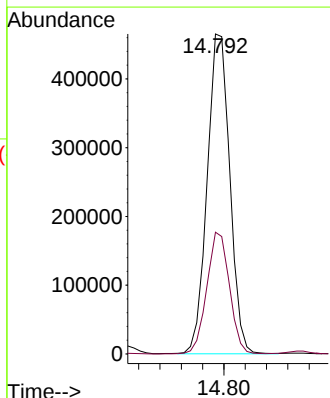
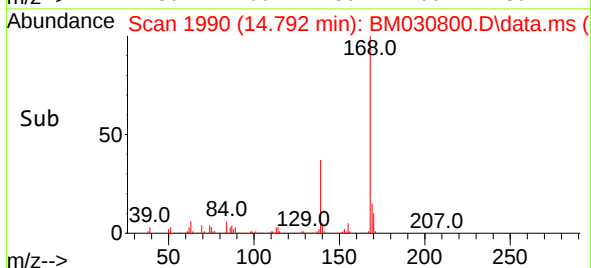
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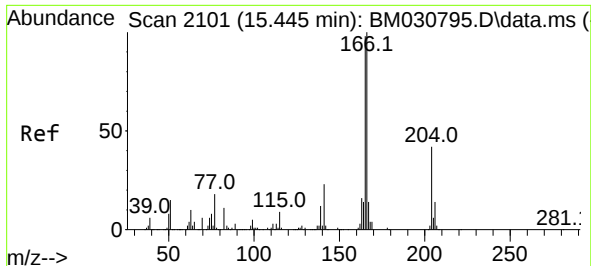


#56
Dibenzofuran
Concen: 28.95 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24

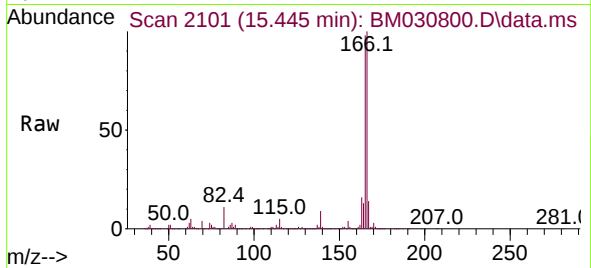


Tgt Ion:168 Resp: 685823
Ion Ratio Lower Upper
168 100
139 38.1 29.5 44.3

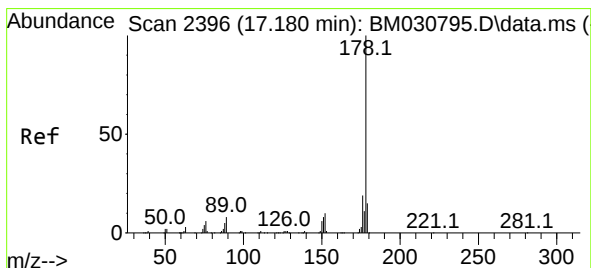
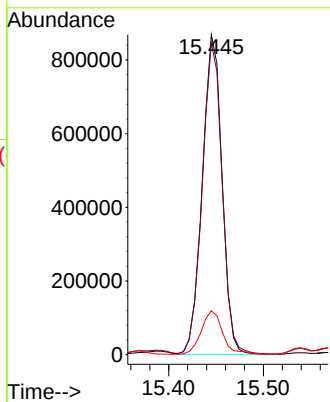
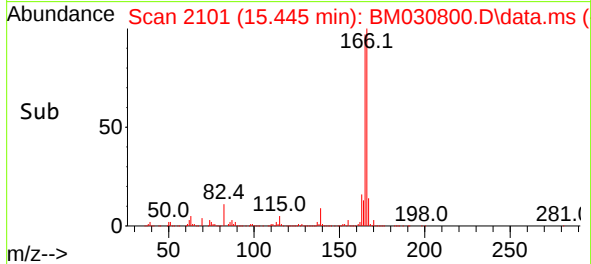




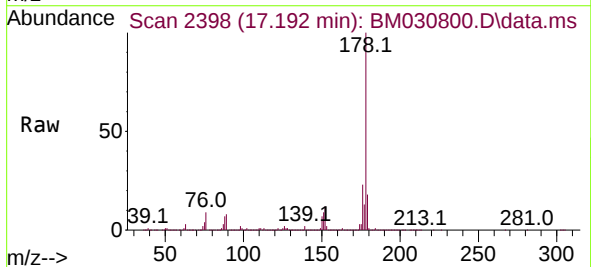
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Fluorene
Concen: 64.18 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24



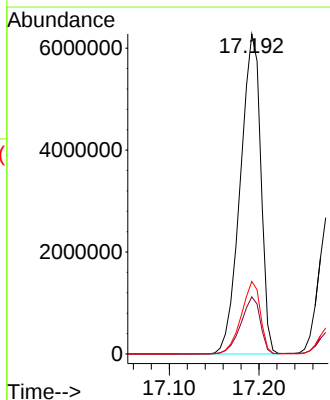
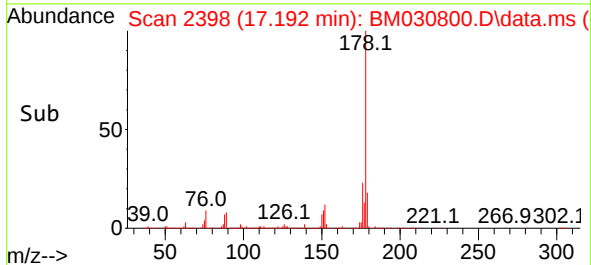
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Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.8 10.6 15.8



#72
Phenanthrene
Concen: 357.11 ng/ul
RT: 17.192 min Scan# 2398
Delta R.T. 0.012 min
Lab File: BM030800.D
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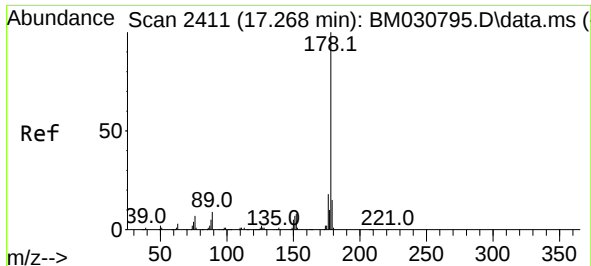
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Ion Ratio Lower Upper
178 100
179 17.9 12.1 18.1
176 22.7 15.2 22.8



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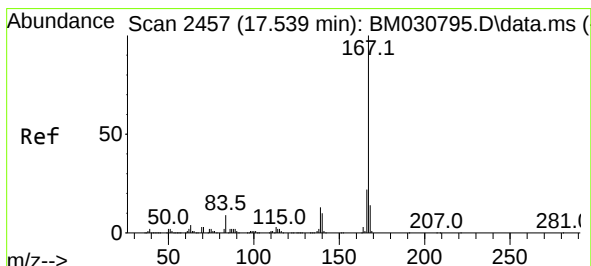
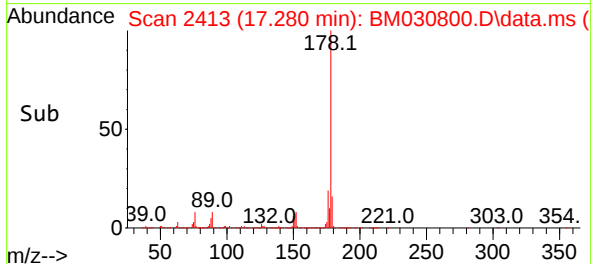
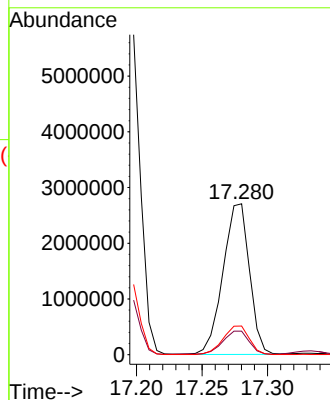
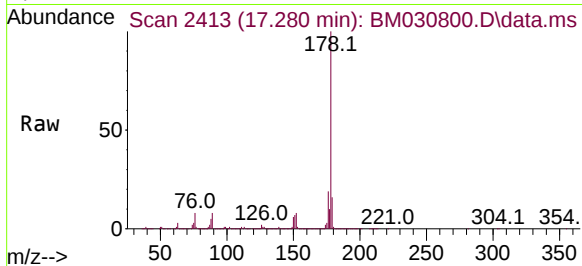
#74
 Anthracene
 Concen: 133.78 ng/ul
 RT: 17.280 min Scan# 2413
 Delta R.T. 0.006 min
 Lab File: BM030800.D
 Acq: 03 Jul 2021 07:24

Tgt Ion:178 Resp: 3799467
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.1 18.1
 176 19.0 15.2 22.8

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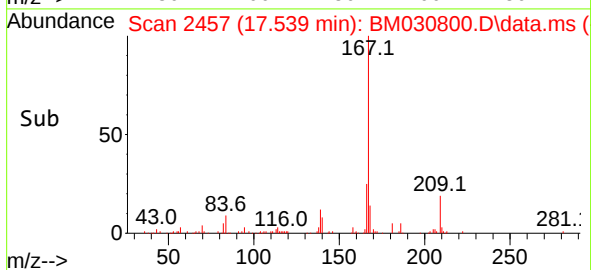
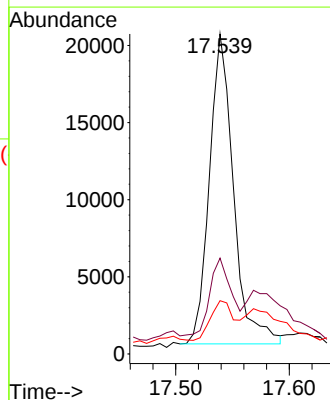
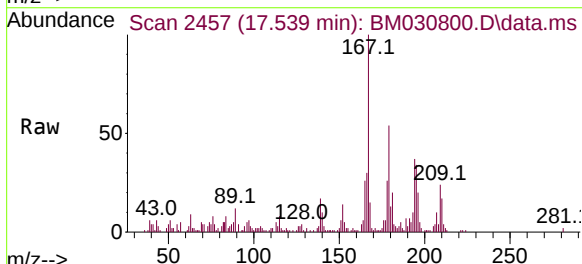
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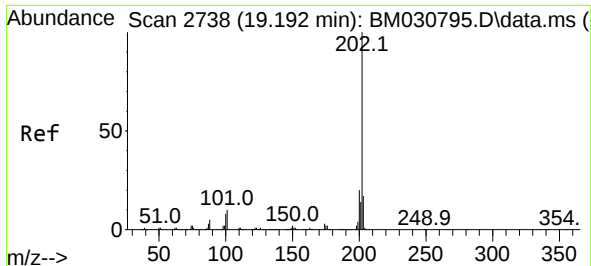
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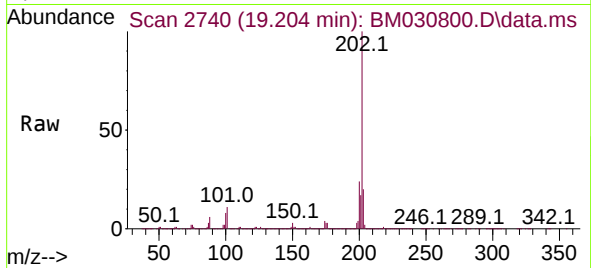
#77
 Carbazole
 Concen: 1.16 ng/ul
 RT: 17.539 min Scan# 2457
 Delta R.T. -0.006 min
 Lab File: BM030800.D
 Acq: 03 Jul 2021 07:24

Tgt Ion:167 Resp: 29634
 Ion Ratio Lower Upper
 167 100
 166 29.9 17.0 25.6#
 139 16.7 9.9 14.9#

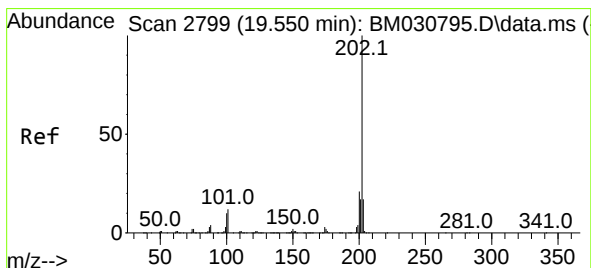
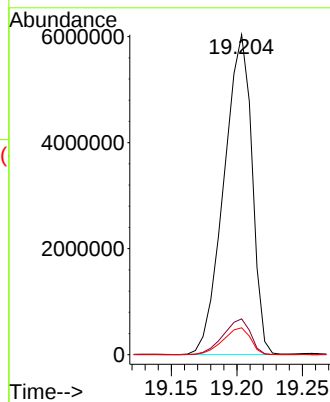
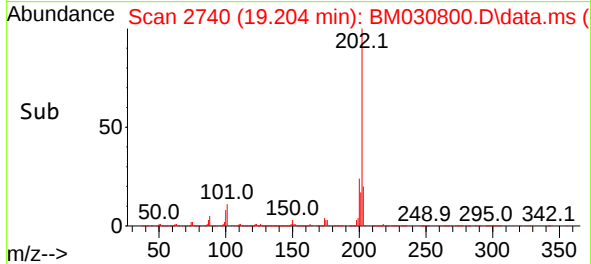




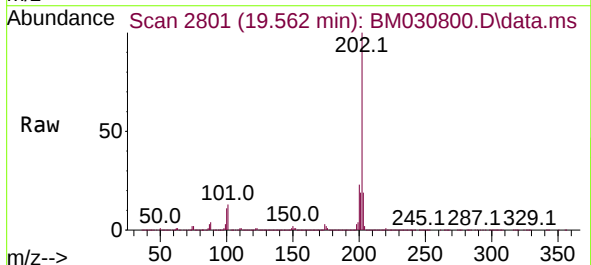
#80
Fluoranthene
Concen: 270.15 ng/ul
RT: 19.204 min Scan# 2740
Delta R.T. 0.012 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24



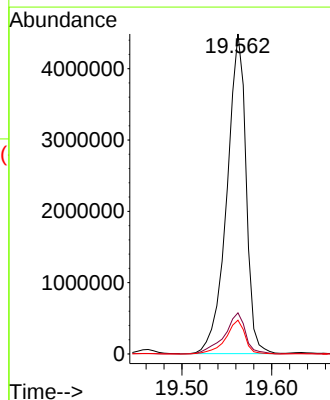
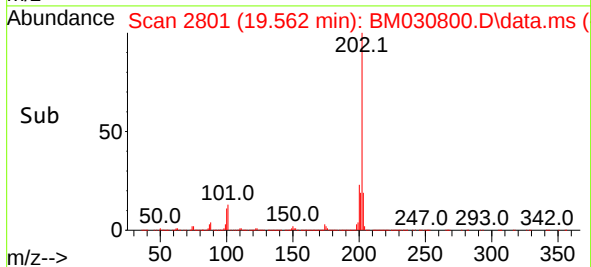
Tgt Ion:202 Resp: 8986840
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.4 6.8 10.2



#82
Pyrene
Concen: 190.23 ng/ul
RT: 19.562 min Scan# 2801
Delta R.T. 0.006 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24



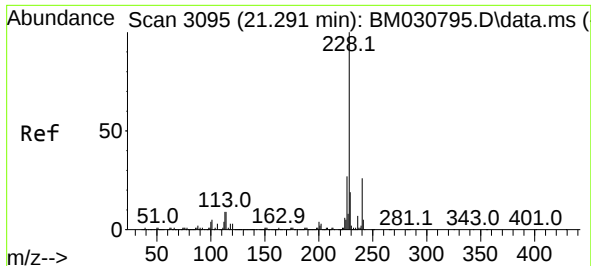
Tgt Ion:202 Resp: 6649317
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 10.6 8.5 12.7



Instrument :
BNA_M
ClientSampled :
BGDX5

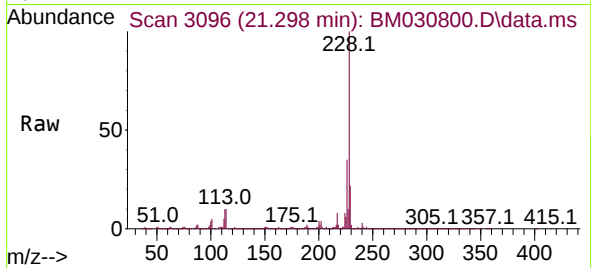
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#85
Benzo(a)anthracene
Concen: 141.30 ng/ul m
RT: 21.298 min Scan# 3096
Delta R.T. 0.006 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24

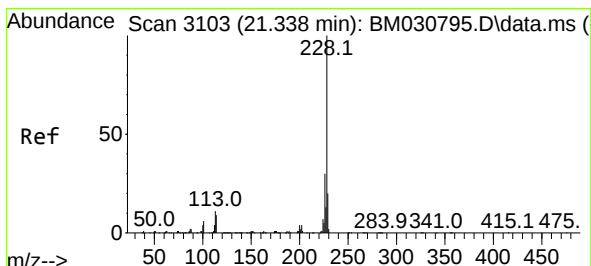
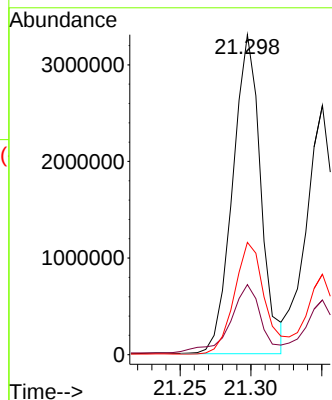
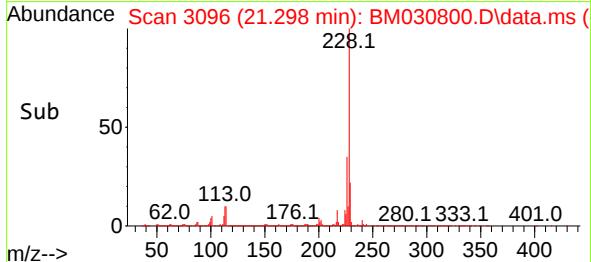
Instrument :
BNA_M
ClientSampled :
BGDX5



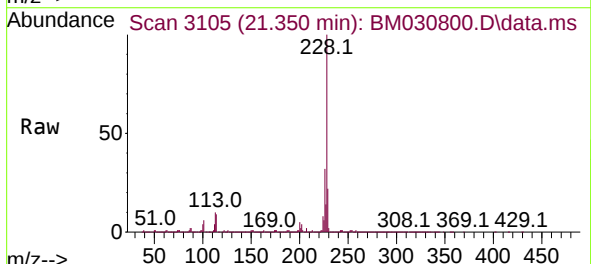
Tgt Ion:228 Resp: 4558394
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 35.1 22.2 33.2#

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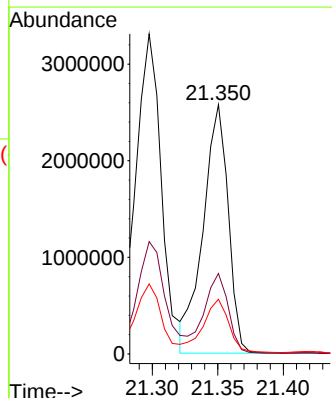
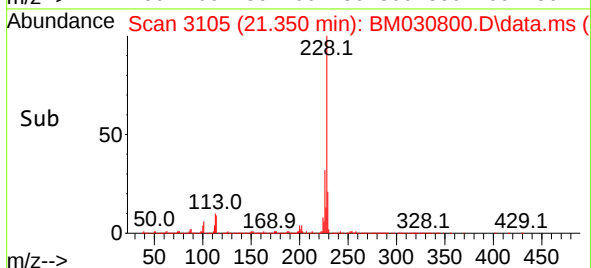
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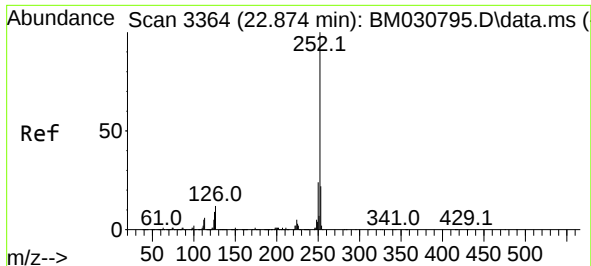


#87
Chrysene
Concen: 109.01 ng/ul
RT: 21.350 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24



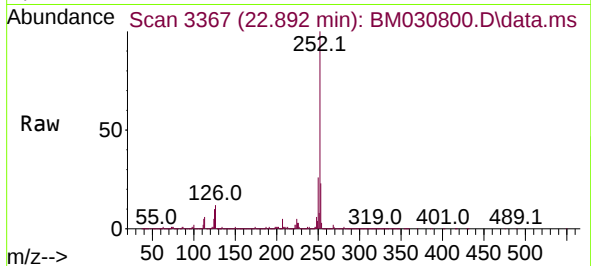
Tgt Ion:228 Resp: 3428382
Ion Ratio Lower Upper
228 100
226 32.3 23.6 35.4
229 21.9 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 123.83 ng/ul
RT: 22.892 min Scan# 3367
Delta R.T. 0.012 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24

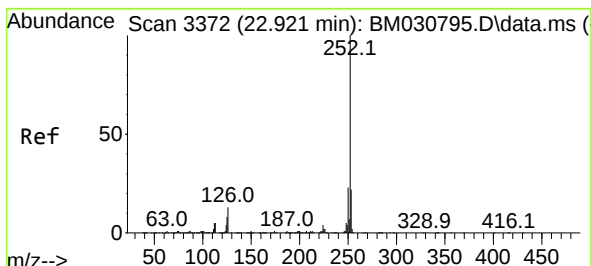
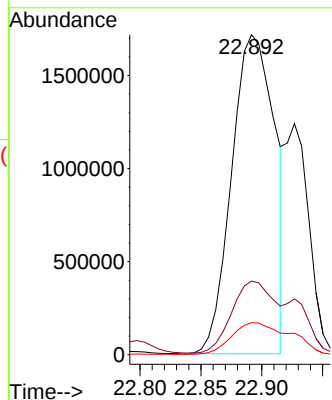
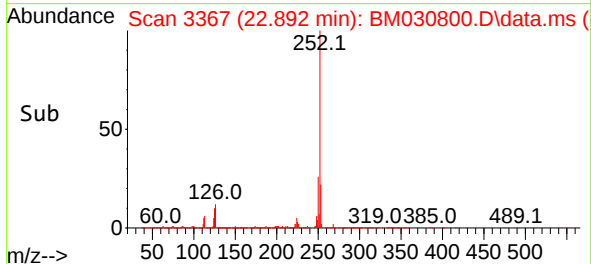
Instrument :
BNA_M
ClientSampled :
BGDX5



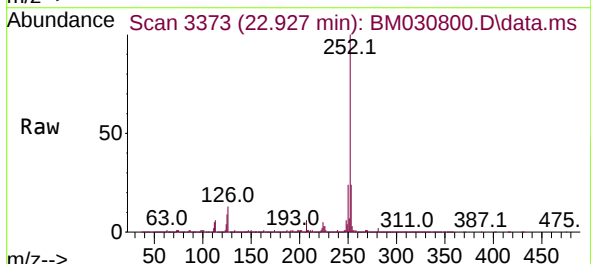
Tgt Ion:252 Resp: 4204340
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 10.0 7.7 11.5

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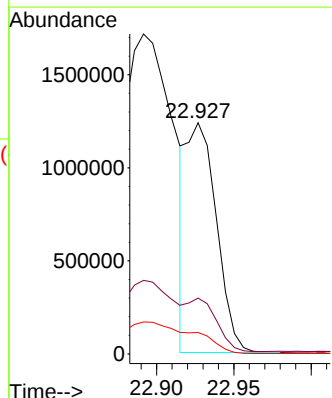
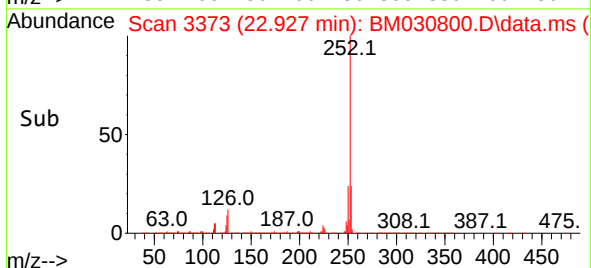
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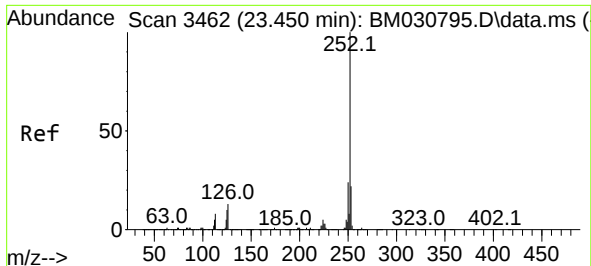


#91
Benzo(k)fluoranthene
Concen: 50.51 ng/ul m
RT: 22.927 min Scan# 3373
Delta R.T. 0.000 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24



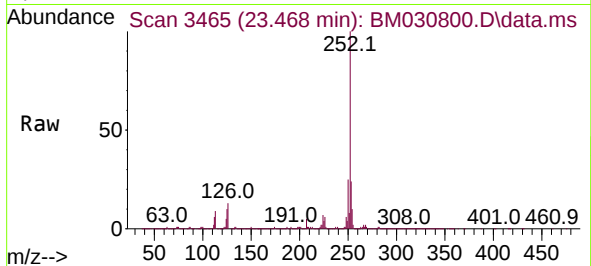
Tgt Ion:252 Resp: 1648187
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 9.3 7.9 11.9





#93
Benzo(a)pyrene
Concen: 90.30 ng/ul
RT: 23.468 min Scan# 3465
Delta R.T. 0.006 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24

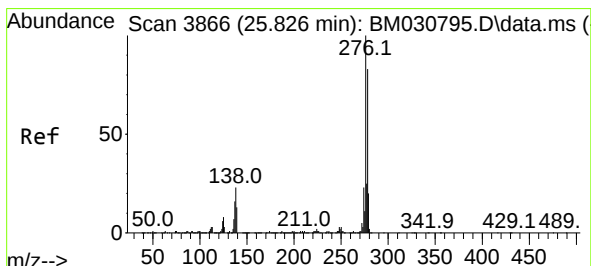
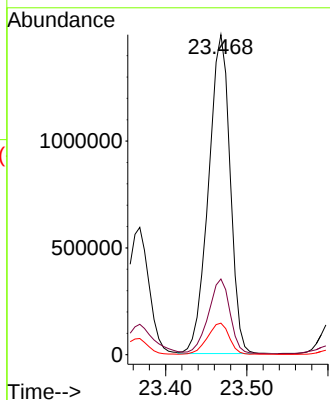
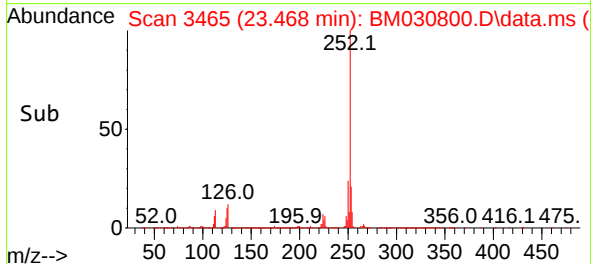
Instrument :
BNA_M
ClientSampled :
BGDX5



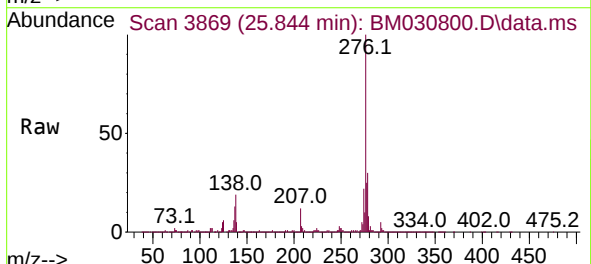
Tgt Ion:252 Resp: 2756866
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 9.9 8.6 13.0

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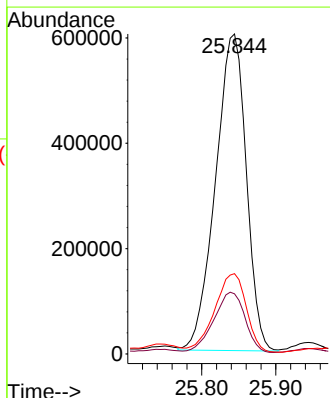
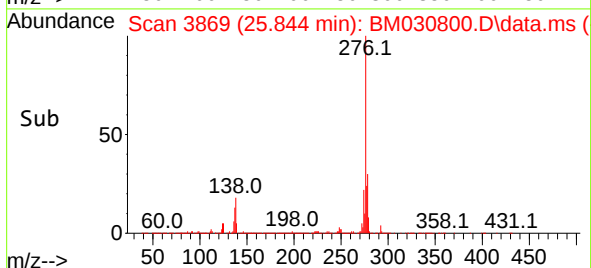
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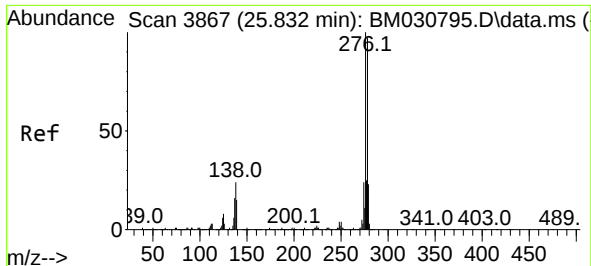


#94
Indeno(1,2,3-cd)pyrene
Concen: 45.12 ng/ul
RT: 25.844 min Scan# 3869
Delta R.T. 0.006 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24



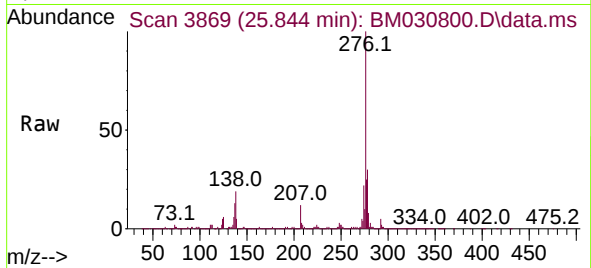
Tgt Ion:276 Resp: 1734023
Ion Ratio Lower Upper
276 100
138 18.8 19.5 29.3#
277 25.1 19.6 29.4





#95
Dibenzo(a,h)anthracene
Concen: 17.07 ng/ul
RT: 25.844 min Scan# 3869
Delta R.T. 0.000 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24

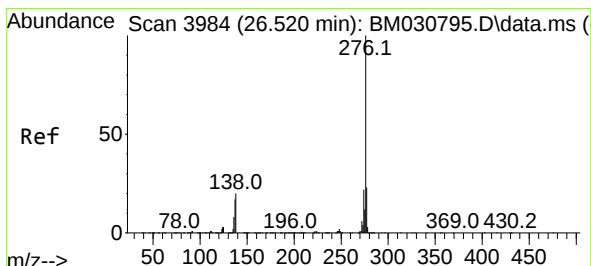
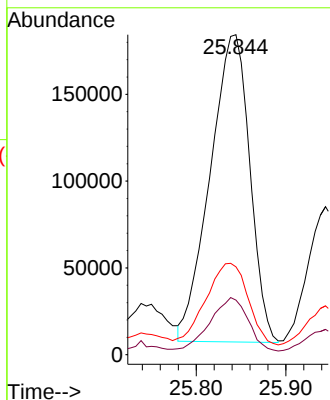
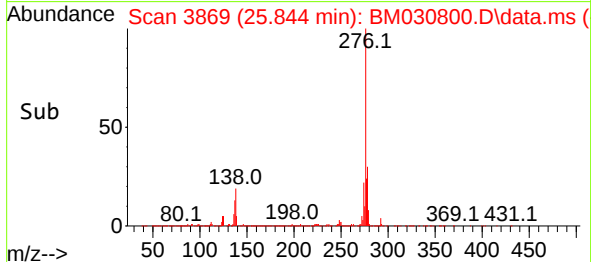
Instrument :
BNA_M
ClientSampled :
BGDX5



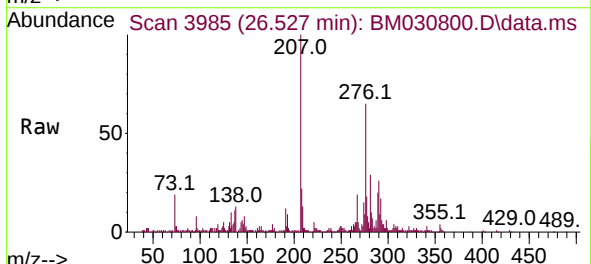
Tgt Ion:278 Resp: 544015
Ion Ratio Lower Upper
278 100
139 17.0 12.8 19.2
279 27.5 19.1 28.7

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 4.04 ng/ul
RT: 26.527 min Scan# 3985
Delta R.T. -0.012 min
Lab File: BM030800.D
Acq: 03 Jul 2021 07:24



Tgt Ion:276 Resp: 129609
Ion Ratio Lower Upper
276 100
138 20.3 16.5 24.7
277 27.8 18.5 27.7#

