

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030840.D
 Acq On : 07 Jul 2021 04:15
 Operator : CG/JU
 Sample : M2854-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDS8

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Quant Time: Jul 07 04:59:31 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	114224	20.000	ng/ul	0.00
20) Naphthalene-d8	10.545	136	472233	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	312040	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	655498	20.000	ng/ul	0.00
79) Chrysene-d12	21.303	240	538685	20.000	ng/ul	0.00
88) Perylene-d12	23.545	264	486281	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	6328	2.165	ng/uL	0.00
4) Pyridine-d5	3.705	84	25225	3.300	ng/ul	0.03
7) Phenol-d5	6.934	99	105956	10.616	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	75395	11.727	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	90361	11.800	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	83030	10.381	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	42901	12.215	ng/ul	0.00
24) 2-Nitrophenol-d4	9.640	143	45154	11.750	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	84633	11.444	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	88742	8.450	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	301366	13.795	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	353362	12.805	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	25989	6.836	ng/ul	0.00
60) Fluorene-d10	15.386	176	271017	14.089	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	27520	6.547	ng/ul	0.00
73) Anthracene-d10	17.233	188	426182	13.952	ng/ul	0.00
81) Pyrene-d10	19.521	212	443410	14.925	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.403	264	288301	11.486	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.598	128	106106	4.468	ng/ul	99
36) 2-Methylnaphthalene	12.210	142	29075	1.717	ng/ul	97
37) 1-Methylnaphthalene	12.428	142	24746	1.442	ng/ul	99
50) Acenaphthylene	14.116	152	240724	9.338	ng/ul	99
52) Acenaphthene	14.457	153	71840	3.820	ng/ul	98
56) Dibenzofuran	14.792	168	141416	5.340	ng/ul	99
61) Fluorene	15.439	166	264208	12.114	ng/ul	98
72) Phenanthrene	17.180	178	3371292	96.385	ng/ul	99
74) Anthracene	17.268	178	980757	27.291	ng/ul	100
77) Carbazole	17.539	167	34946	1.119	ng/ul	96
80) Fluoranthene	19.192	202	4388301	119.791	ng/ul	99
82) Pyrene	19.551	202	2945153	77.570	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1524942	45.277	ng/ul	96
87) Chrysene	21.339	228	1234415	37.250	ng/ul	96
90) Benzo(b)fluoranthene	22.874	252	1236864	39.485	ng/ul	98
91) Benzo(k)fluoranthene	22.909	252	405102m	13.305	ng/ul	
93) Benzo(a)pyrene	23.450	252	652328	23.533	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.815	276	434800	12.612	ng/ul	97
95) Dibenzo(a,h)anthracene	25.815	278	139801	4.836	ng/ul#	91

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

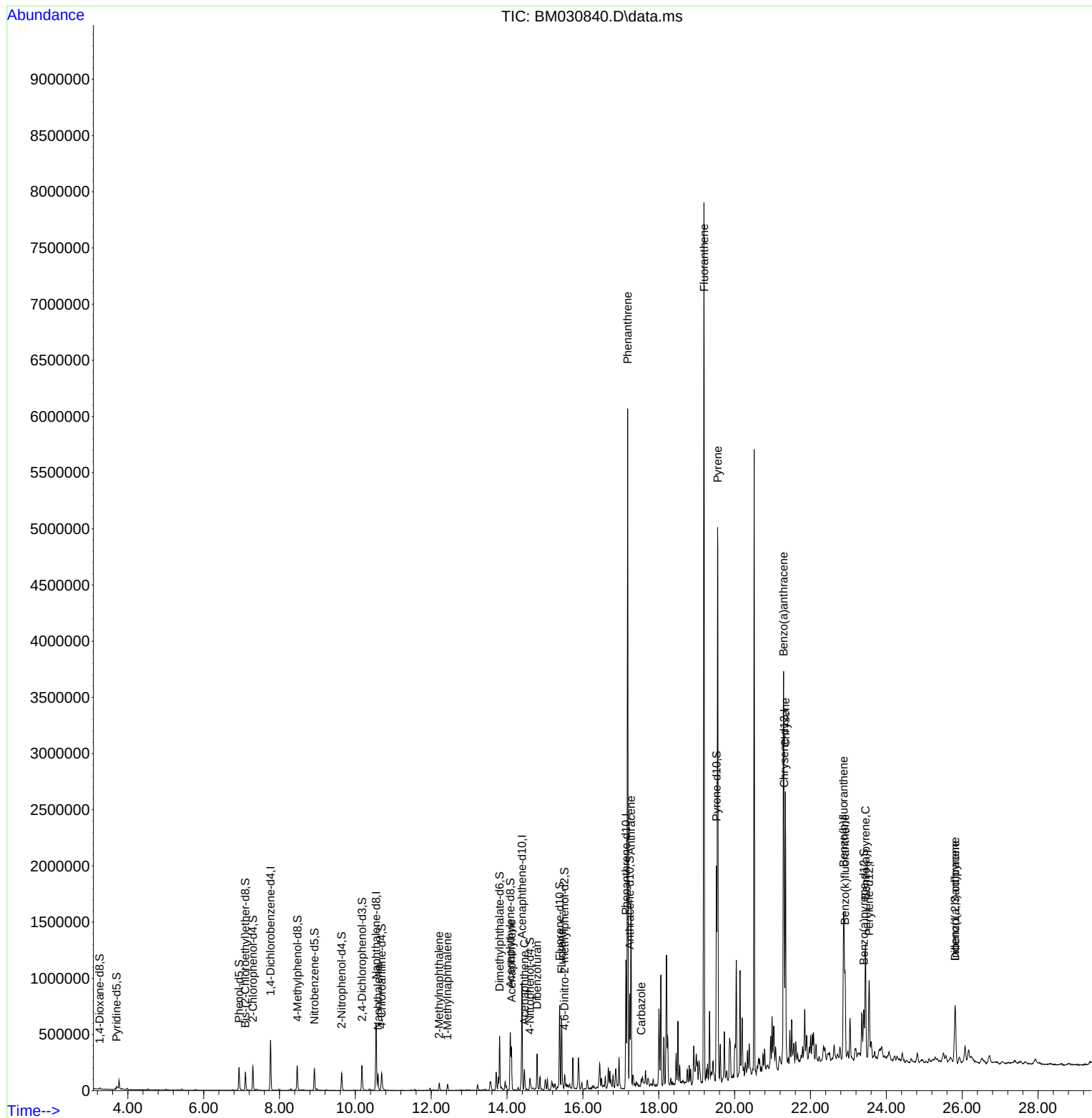
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030840.D
Acq On : 07 Jul 2021 04:15
Operator : CG/JU
Sample : M2854-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

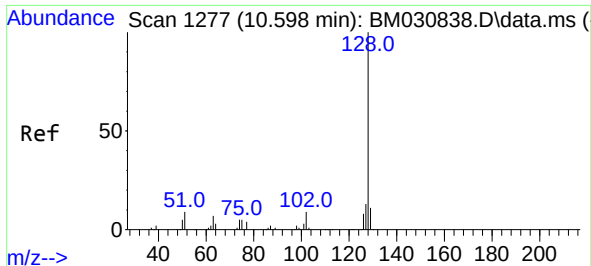
Instrument :
BNA_M
ClientSampleId :
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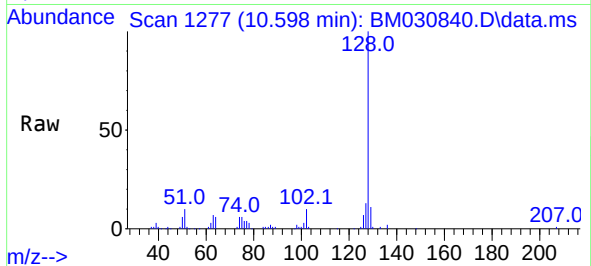
Quant Time: Jul 07 04:59:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 07 04:59:15 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 4.468 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15

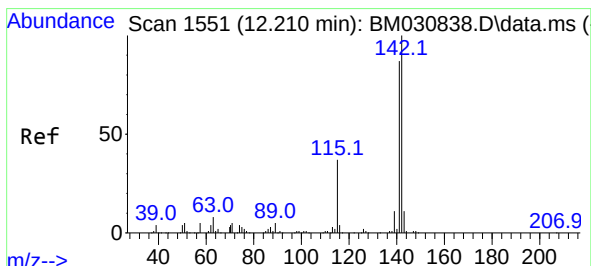
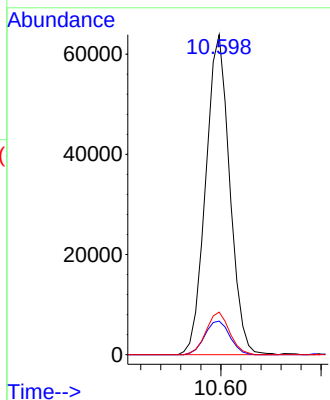
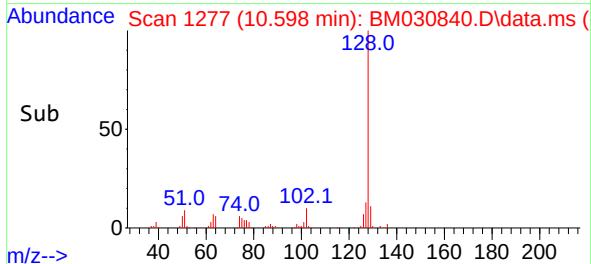
Instrument :
BNA_M
ClientSampled :
BGDS8



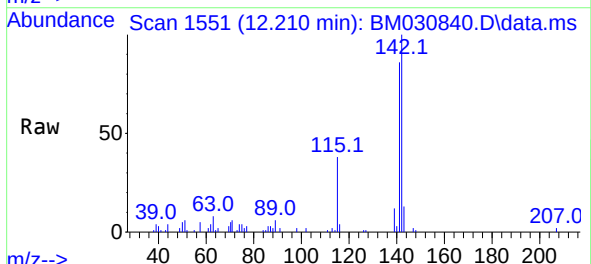
Tgt Ion:128 Resp: 106106
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.3 10.3 15.5

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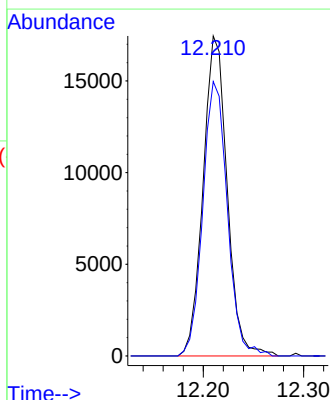
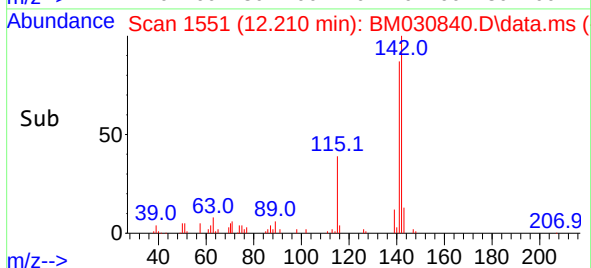
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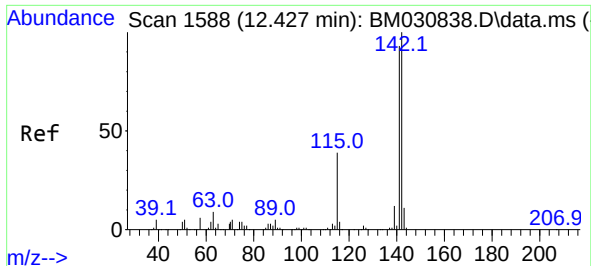


#36
2-Methylnaphthalene
Concen: 1.717 ng/ul
RT: 12.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15



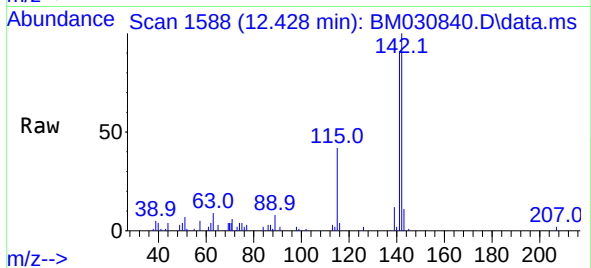
Tgt Ion:142 Resp: 29075
Ion Ratio Lower Upper
142 100
141 85.8 71.0 106.6





#37
1-Methylnaphthalene
Concen: 1.442 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15

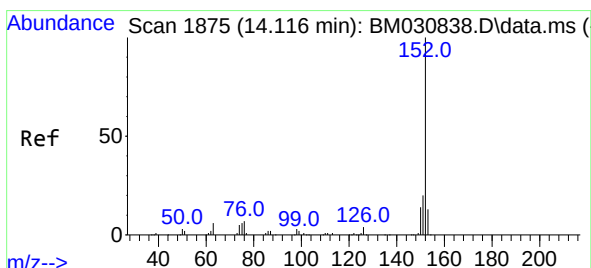
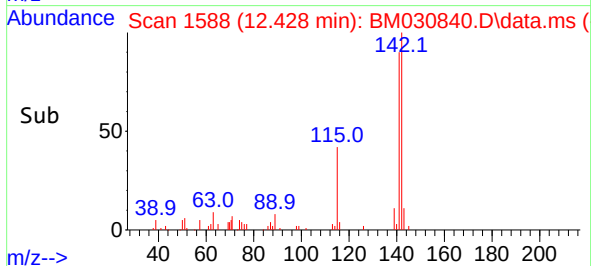
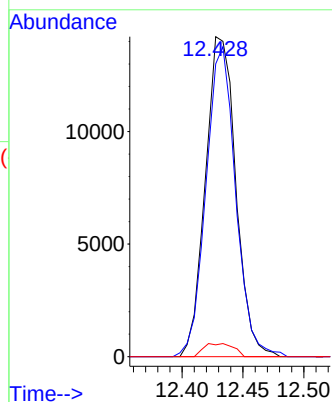
Instrument :
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ClientSampled :
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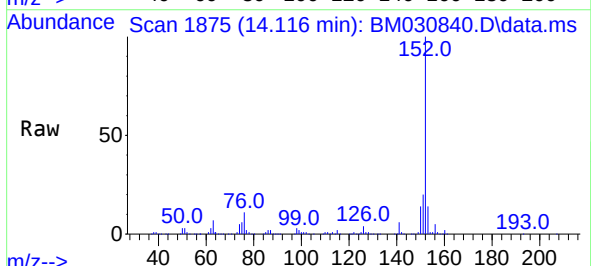
Tgt Ion:	142	Resp:	24746
Ion Ratio	Lower	Upper	
142	100		
141	91.5	74.2	111.4
116	3.7	3.2	4.8

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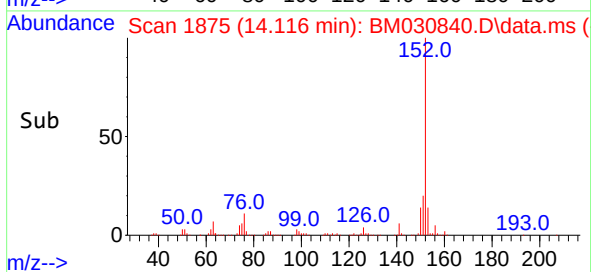
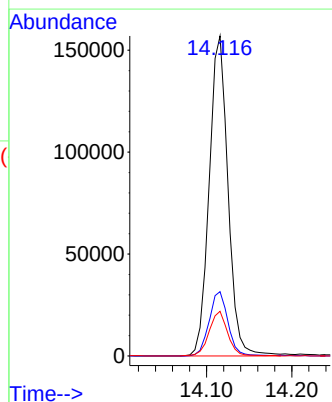
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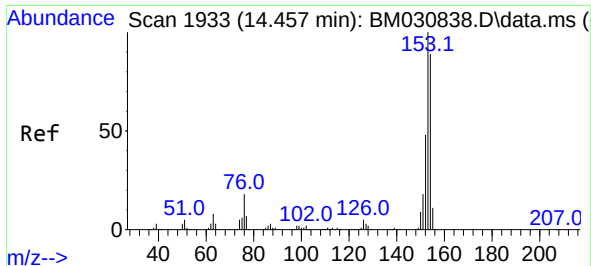


#50
Acenaphthylene
Concen: 9.338 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15



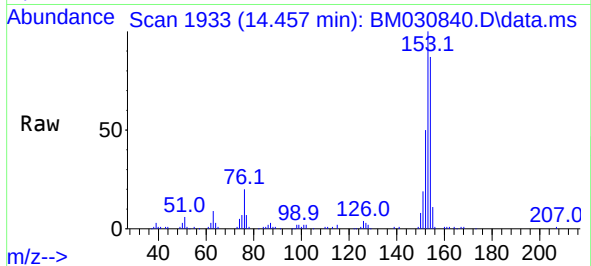
Tgt Ion:	152	Resp:	240724
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	14.0	10.2	15.4





#52
Acenaphthene
Concen: 3.820 ng/ul
RT: 14.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15

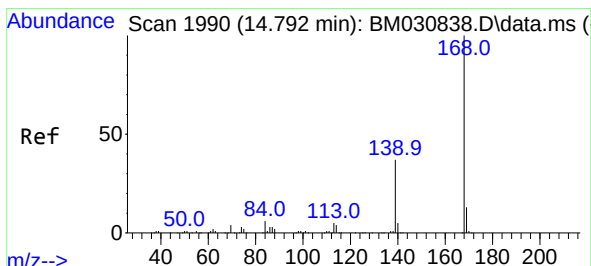
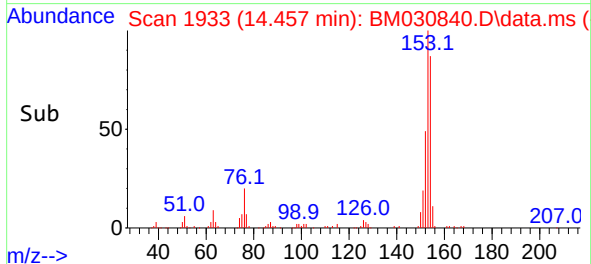
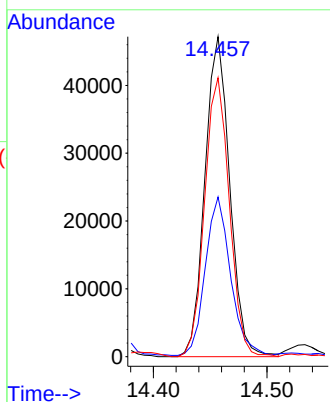
Instrument :
BNA_M
ClientSampled :
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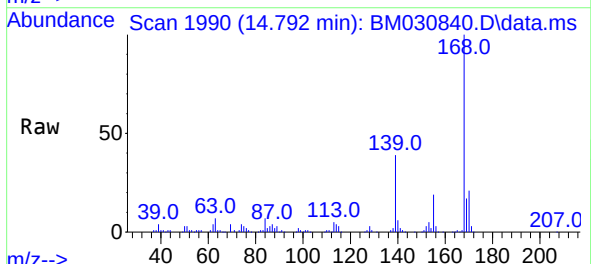
Tgt Ion:153 Resp: 71840
Ion Ratio Lower Upper
153 100
152 49.9 38.8 58.2
154 87.2 71.3 106.9

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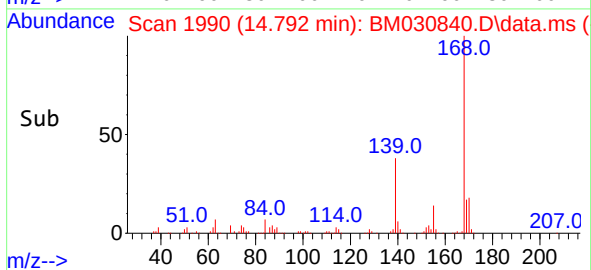
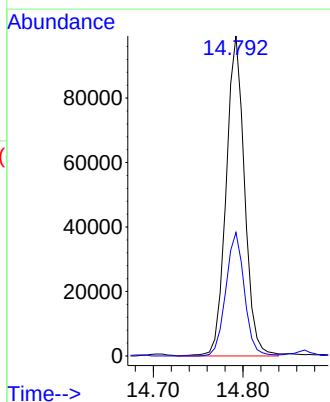
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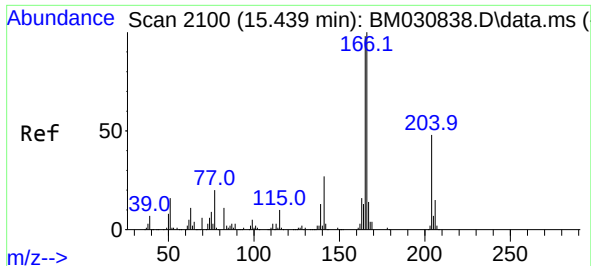


#56
Dibenzofuran
Concen: 5.340 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15

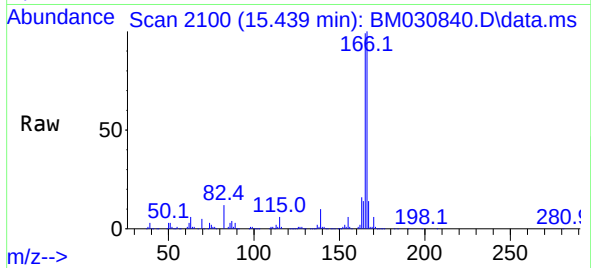


Tgt Ion:168 Resp: 141416
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.4

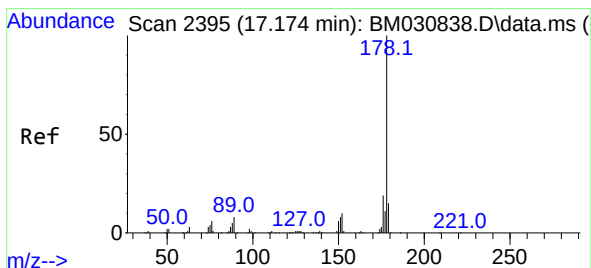
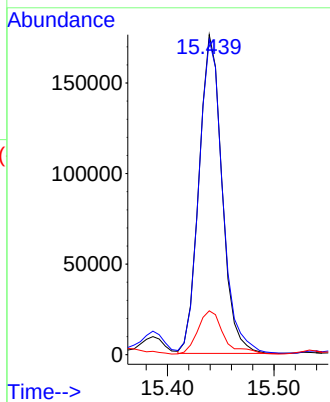
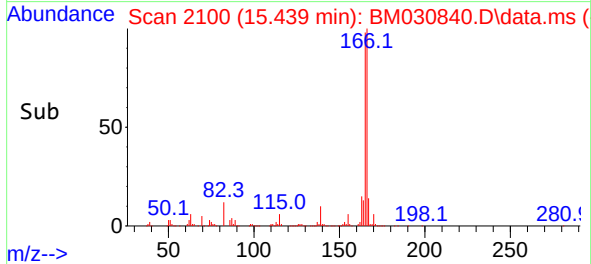




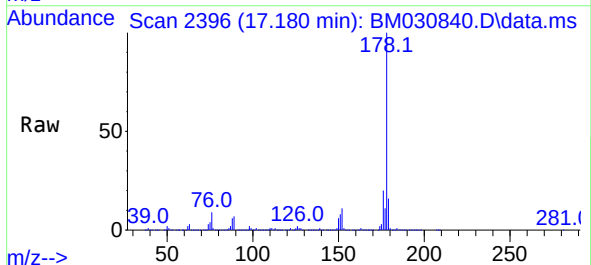
#61
Fluorene
Concen: 12.114 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15



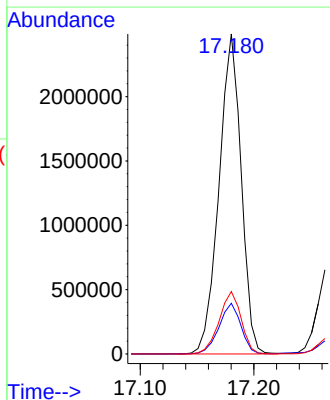
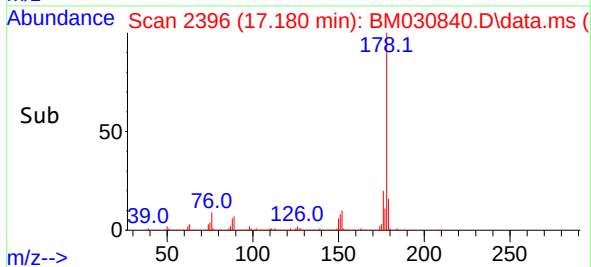
Tgt Ion:166 Resp: 264208
Ion Ratio Lower Upper
166 100
165 98.5 77.4 116.2
167 13.7 10.6 15.8



#72
Phenanthrene
Concen: 96.385 ng/ul
RT: 17.180 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15



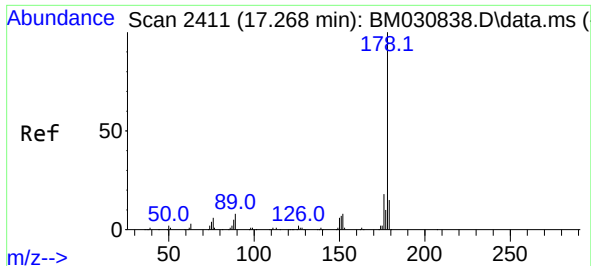
Tgt Ion:178 Resp: 3371292
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 19.5 15.4 23.0



Instrument :
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ClientSampled :
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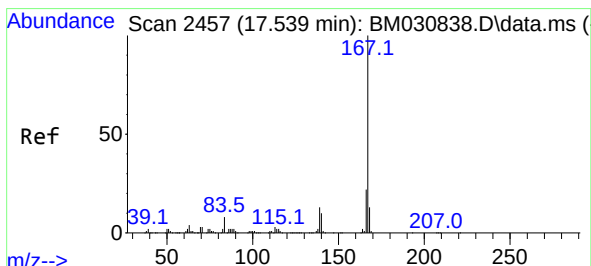
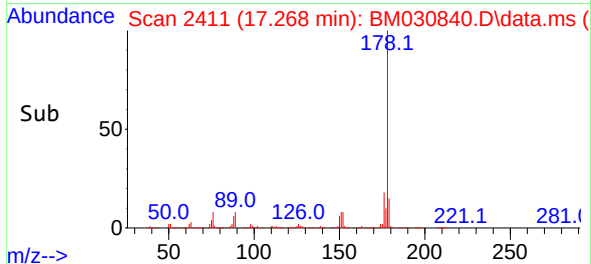
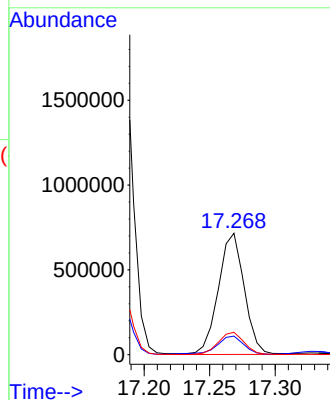
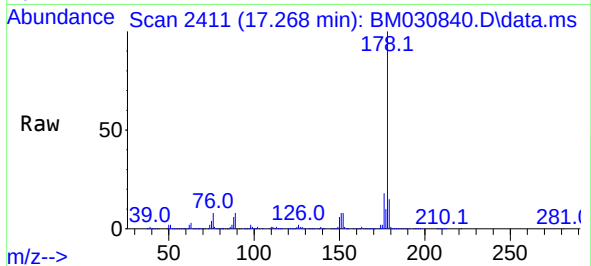
#74
 Anthracene
 Concen: 27.291 ng/ul
 RT: 17.268 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BM030840.D
 Acq: 07 Jul 2021 04:15

Tgt Ion:178 Resp: 980757
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.1 18.1
 176 18.5 14.7 22.1

Instrument :
 BNA_M
 ClientSampleId :
 BGDS8

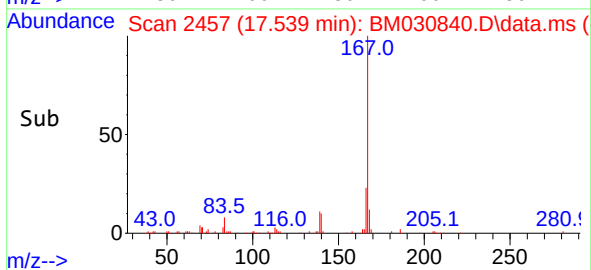
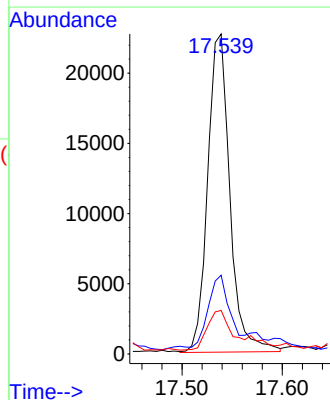
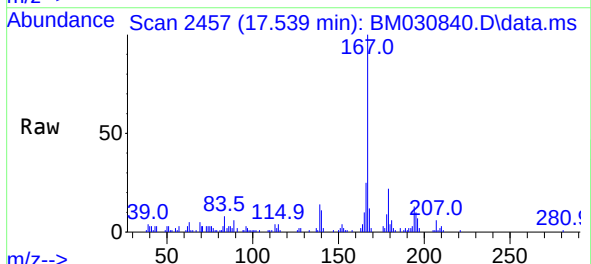
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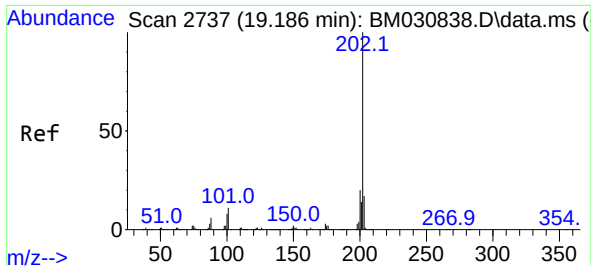
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#77
 Carbazole
 Concen: 1.119 ng/ul
 RT: 17.539 min Scan# 2457
 Delta R.T. 0.000 min
 Lab File: BM030840.D
 Acq: 07 Jul 2021 04:15

Tgt Ion:167 Resp: 34946
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.5 26.3
 139 13.6 10.4 15.6





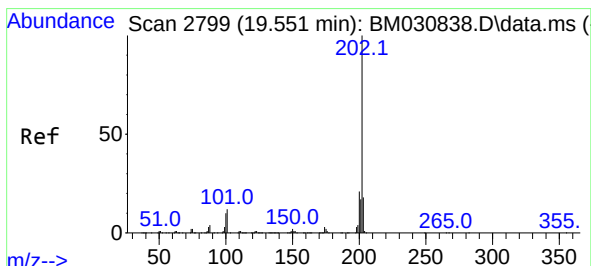
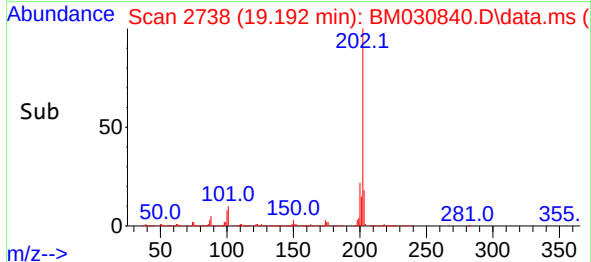
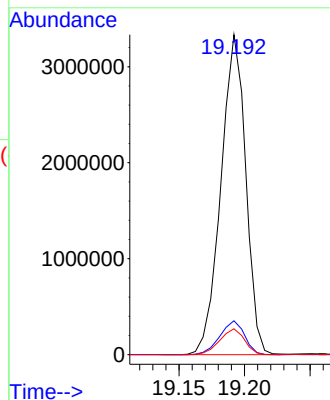
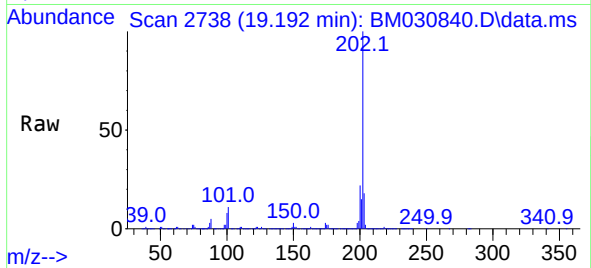
#80
Fluoranthene
Concen: 119.791 ng/u1
RT: 19.192 min Scan# 2738
Delta R.T. 0.006 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15

Tgt Ion:202 Resp: 4388301
Ion Ratio Lower Upper
202 100
101 10.6 8.8 13.2
100 8.1 6.7 10.1

Instrument :
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ClientSampled :
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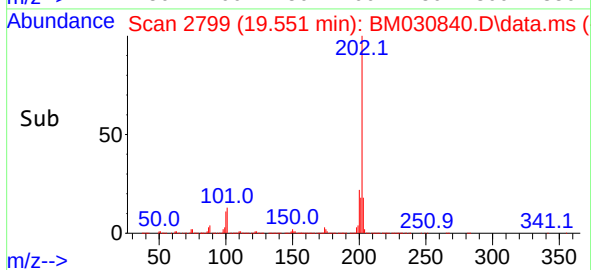
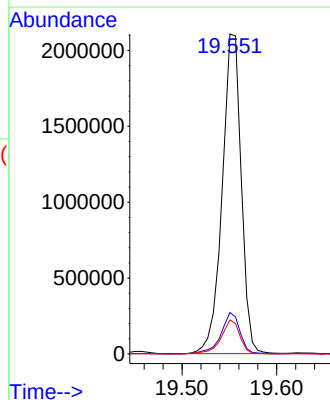
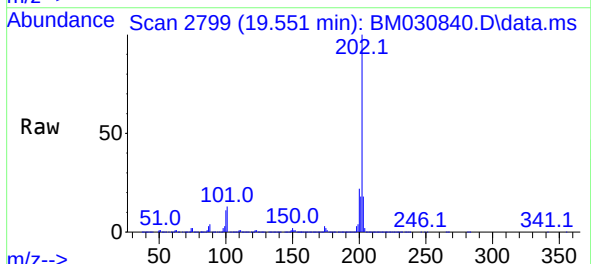
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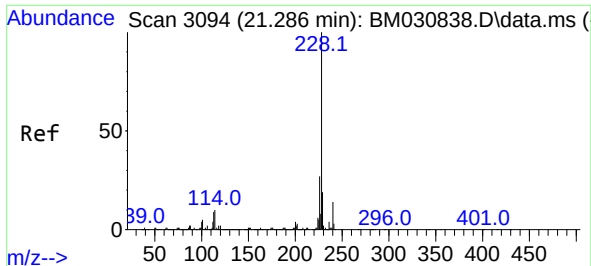
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#82
Pyrene
Concen: 77.570 ng/u1
RT: 19.551 min Scan# 2799
Delta R.T. 0.000 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15

Tgt Ion:202 Resp: 2945153
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.6
100 10.6 8.0 12.0





#85
Benzo(a)anthracene
Concen: 45.277 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15

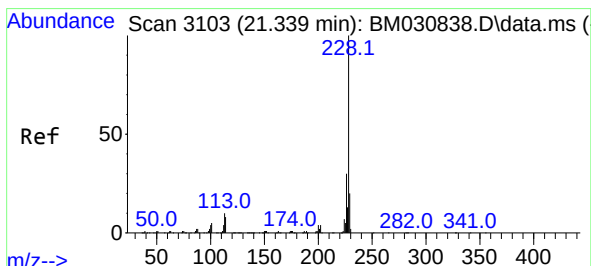
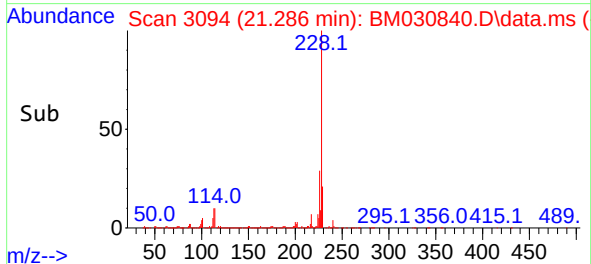
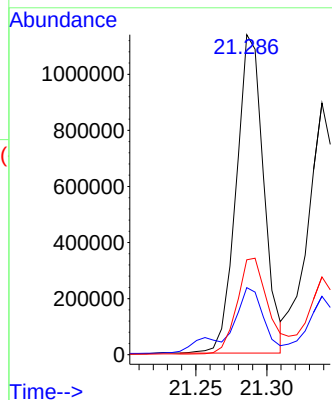
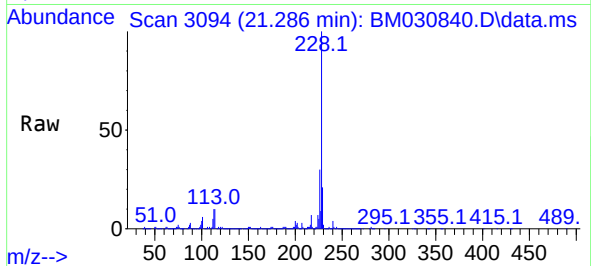
Tgt Ion:228 Resp: 1524942

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	29.6	21.8	32.8

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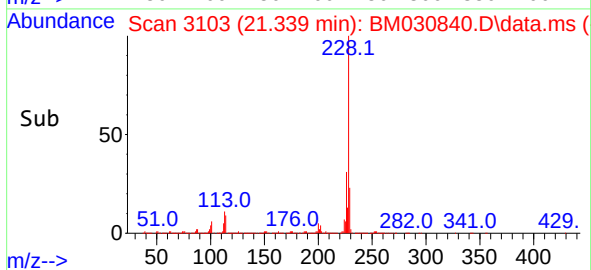
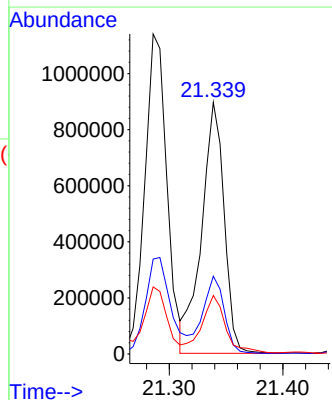
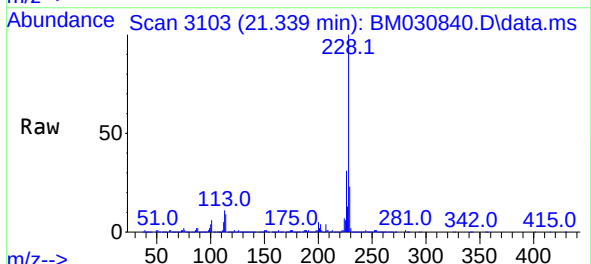
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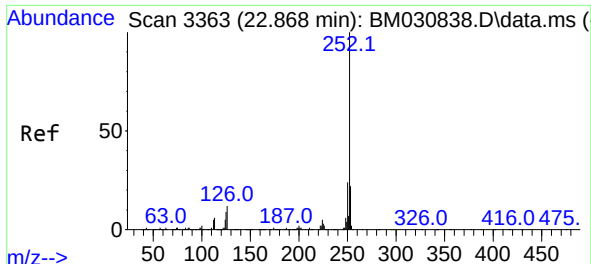


#87
Chrysene
Concen: 37.250 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15

Tgt Ion:228 Resp: 1234415

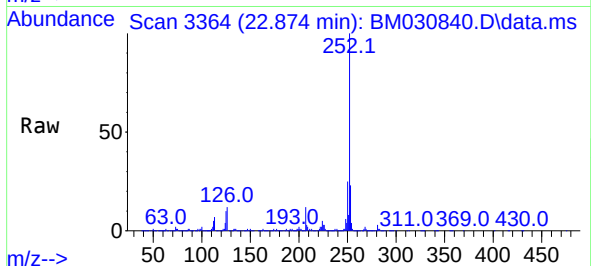
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	23.2	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 39.485 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. 0.000 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15

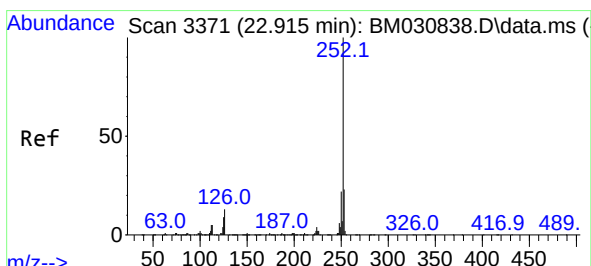
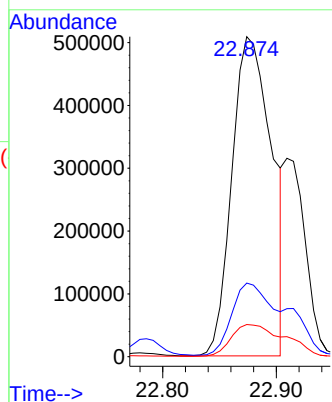
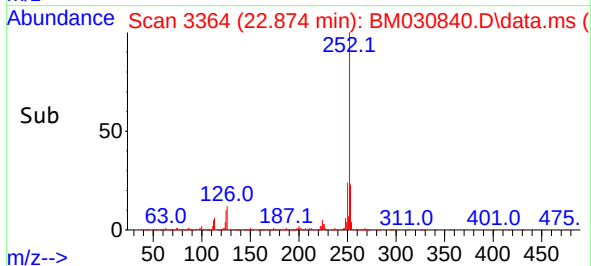
Instrument :
BNA_M
ClientSampled :
BGDS8



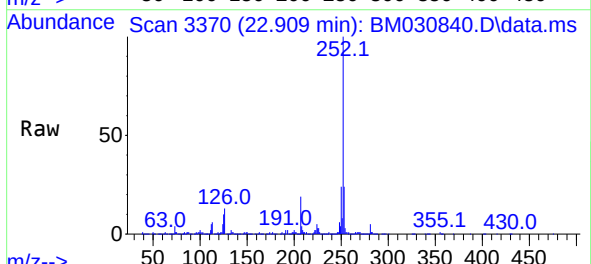
Tgt Ion:252 Resp: 1236864
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 10.0 7.7 11.5

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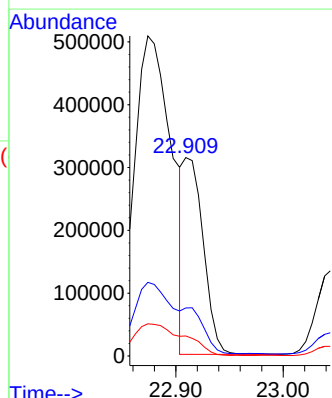
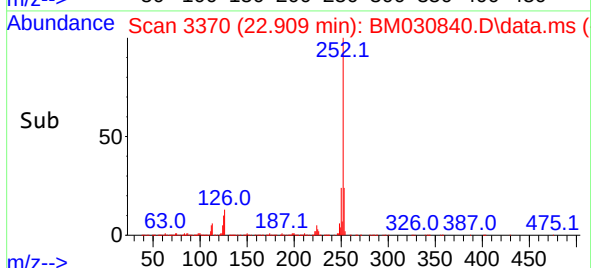
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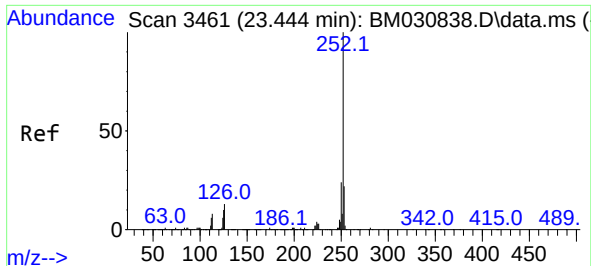


#91
Benzo(k)fluoranthene
Concen: 13.305 ng/ul m
RT: 22.909 min Scan# 3370
Delta R.T. -0.012 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15



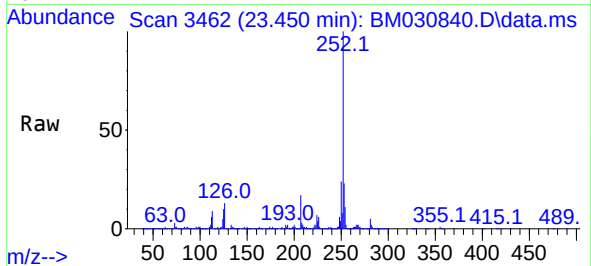
Tgt Ion:252 Resp: 405102
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 10.0 7.4 11.0





#93
Benzo(a)pyrene
Concen: 23.533 ng/ul
RT: 23.450 min Scan# 3462
Delta R.T. -0.006 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15

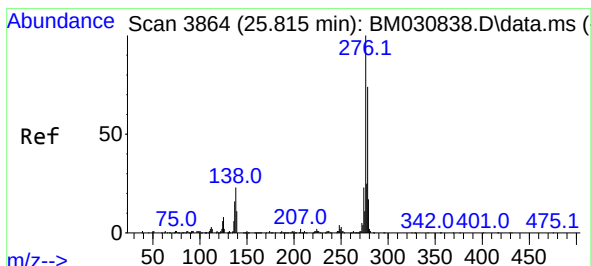
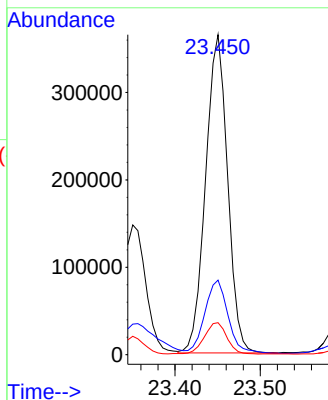
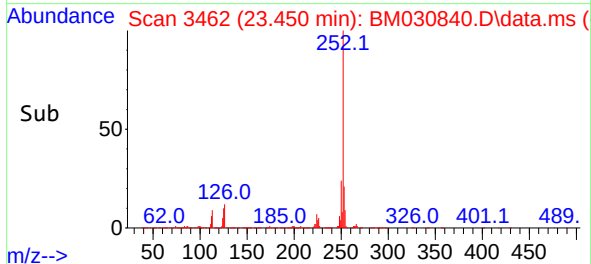
Instrument :
BNA_M
ClientSampled :
BGDS8



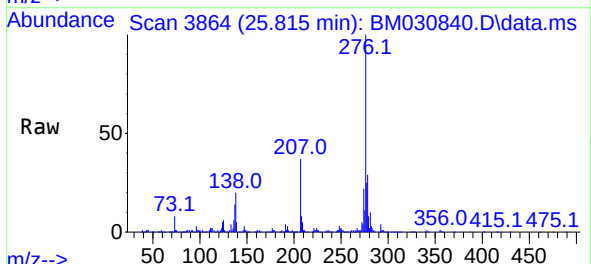
Tgt Ion:252 Resp: 652328
Ion Ratio Lower Upper
252 100
253 23.3 16.7 25.1
125 10.0 8.5 12.7

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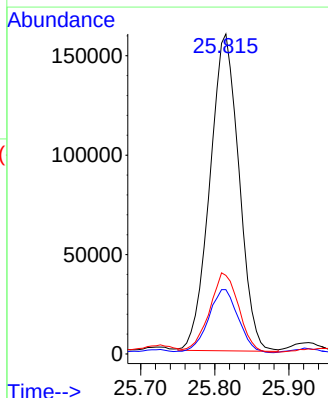
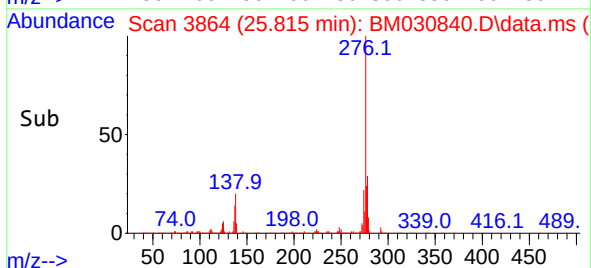
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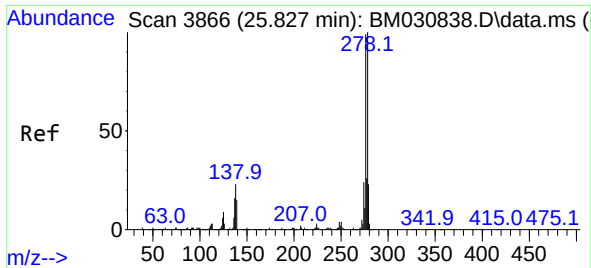


#94
Indeno(1,2,3-cd)pyrene
Concen: 12.612 ng/ul
RT: 25.815 min Scan# 3864
Delta R.T. -0.012 min
Lab File: BM030840.D
Acq: 07 Jul 2021 04:15



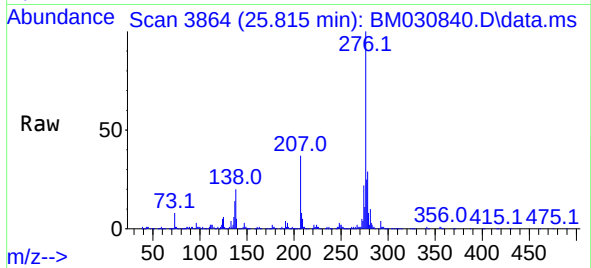
Tgt Ion:276 Resp: 434800
Ion Ratio Lower Upper
276 100
138 20.1 18.1 27.1
277 24.6 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 4.836 ng/ul
 RT: 25.815 min Scan# 3864
 Delta R.T. -0.023 min
 Lab File: BM030840.D
 Acq: 07 Jul 2021 04:15

Instrument :
 BNA_M
 ClientSampleId :
 BGDS8



Tgt Ion:278 Resp: 139801

Ion	Ratio	Lower	Upper
278	100		
139	18.6	12.4	18.6#
279	28.9	19.0	28.6#

Manual Integrations
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