

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
 Data File : BM028886.D
 Acq On : 24 Feb 2021 19:22
 Operator : CG/JU
 Sample : M1460-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-01-022221

Manual Integrations
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Quant Time: Feb 25 00:12:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 23 16:39:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	14147	20.00	ng	0.00
21) Naphthalene-d8	10.604	136	61496	20.00	ng	#-0.01
39) Acenaphthene-d10	14.463	164	39208	20.00	ng	-0.01
64) Phenanthrene-d10	17.209	188	87881	20.00	ng	0.00
76) Chrysene-d12	21.368	240	81896	20.00	ng	# 0.00
86) Perylene-d12	23.586	264	69245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	82578	96.75	ng	0.00
7) Phenol-d6	6.992	99	106241	94.24	ng	0.00
23) Nitrobenzene-d5	8.981	82	63652	55.84	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	44697	96.19	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	154141	52.34	ng	0.00
79) Terphenyl-d14	19.821	244	237690	53.59	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.016	94	2635	2.35	ng	94
71) Phenanthrene	17.251	178	25194	4.81	ng	98
75) Fluoranthene	19.256	202	77893	13.54	ng	97
78) Pyrene	19.621	202	68155	11.33	ng	98
81) Benzo(a)anthracene	21.356	228	38404	6.76	ng	98
83) Chrysene	21.403	228	33328	6.02	ng	96
87) Indeno(1,2,3-cd)pyrene	25.809	276	16115	3.08	ng	# 92
88) Benzo(b)fluoranthene	22.921	252	40249	8.23	ng	# 96
89) Benzo(k)fluoranthene	22.956	252	12116m	2.61	ng	
90) Benzo(a)pyrene	23.486	252	28133	6.30	ng	# 94
92) Benzo(g,h,i)perylene	26.491	276	14619	3.33	ng	# 88

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

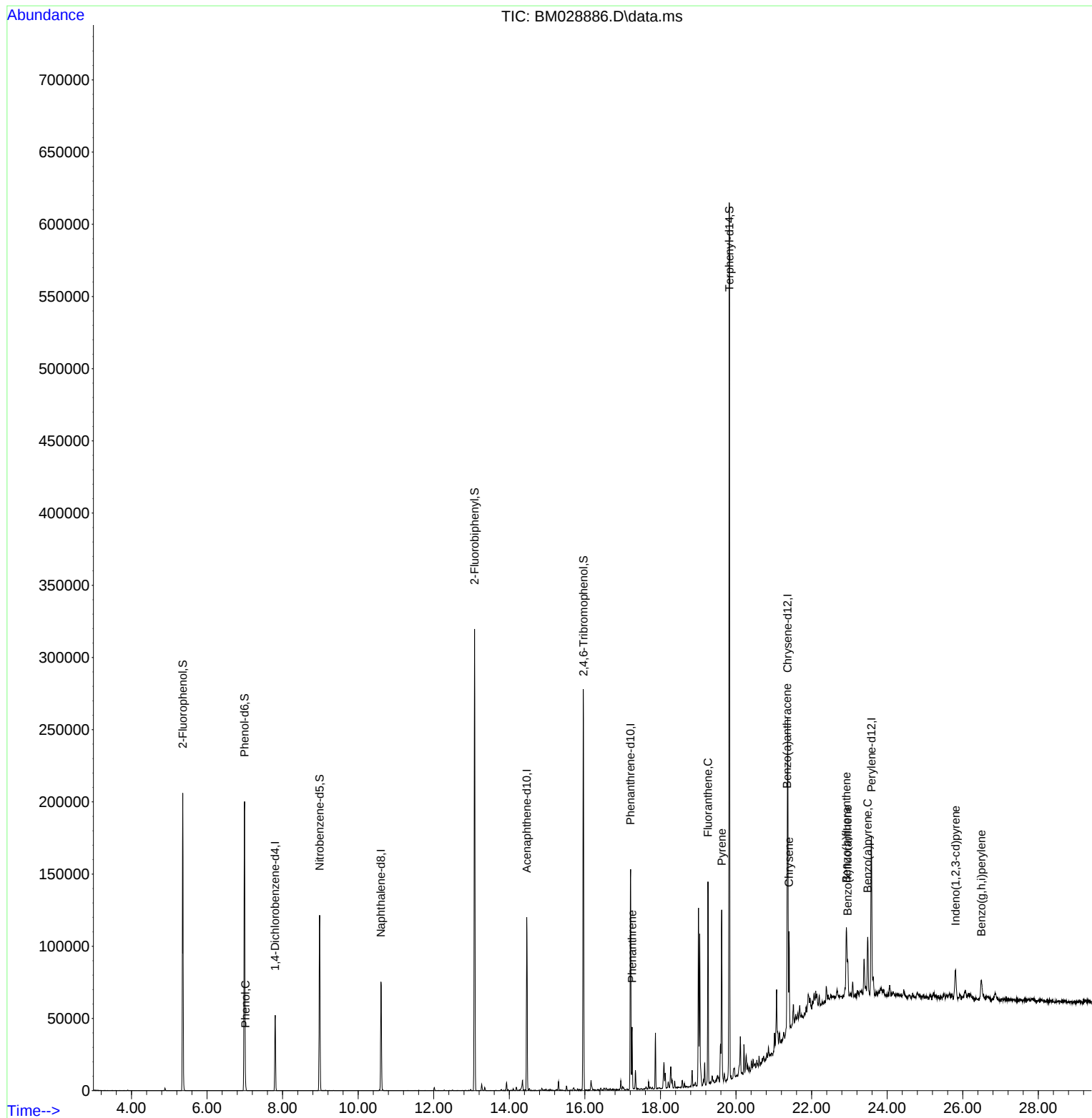
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Data File : BM028886.D
Acq On : 24 Feb 2021 19:22
Operator : CG/JU
Sample : M1460-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

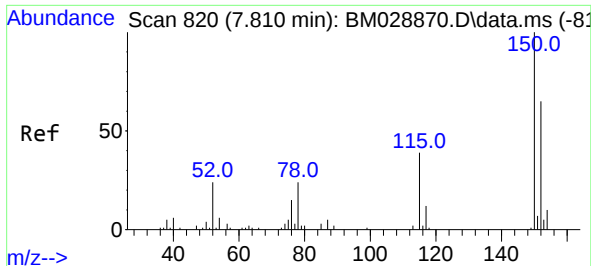
Instrument :
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Quant Time: Feb 25 00:12:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
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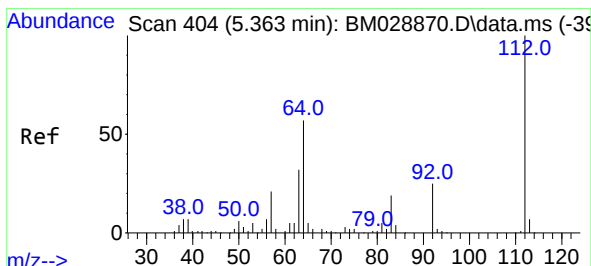
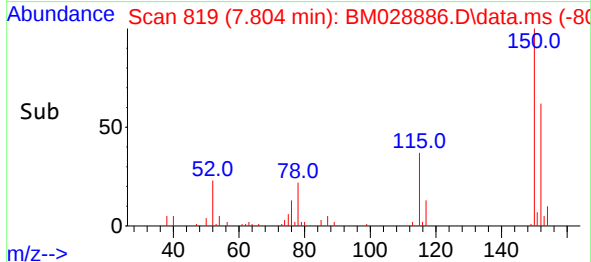
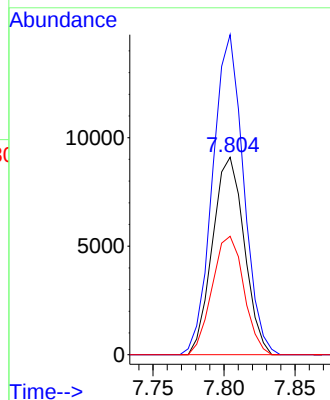
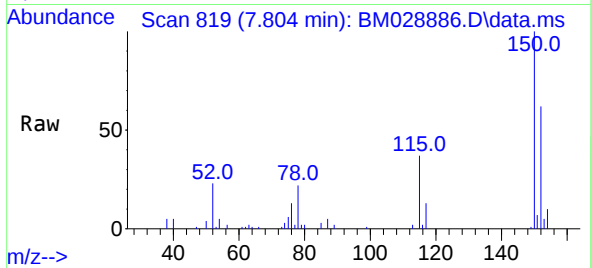
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion:152 Resp: 14147
Ion Ratio Lower Upper
152 100
150 162.1 120.6 181.0
115 60.0 47.2 70.8

Instrument :
BNA_M
ClientSampled :
HD-01-022221

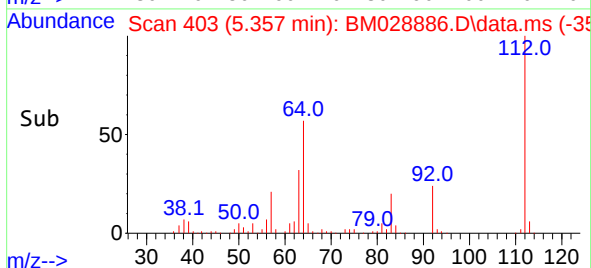
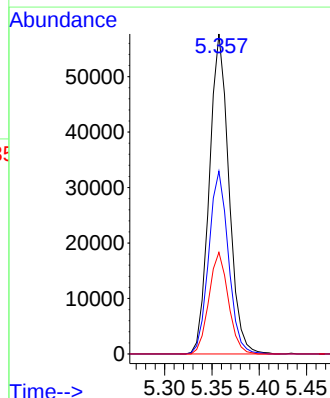
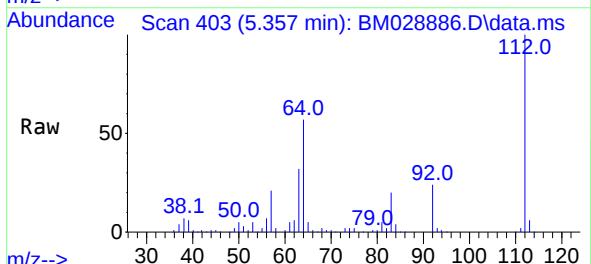
Manual Integrations
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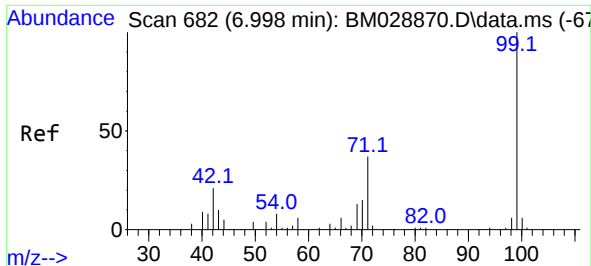
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#5
2-Fluorophenol
Concen: 96.75 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion:112 Resp: 82578
Ion Ratio Lower Upper
112 100
64 57.1 50.6 76.0
63 31.8 31.0 46.6





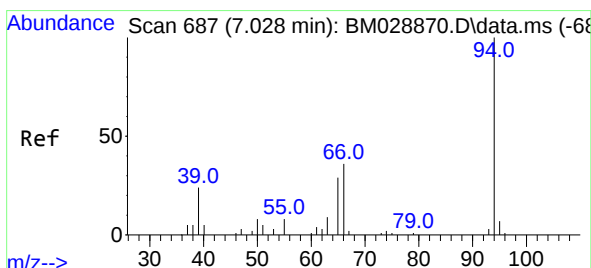
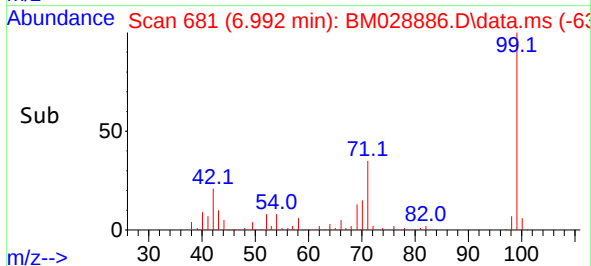
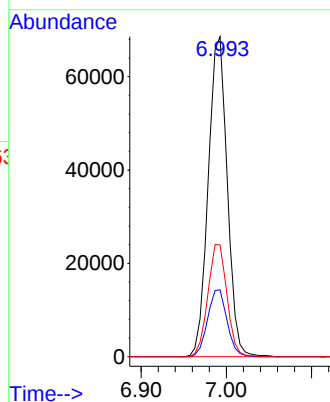
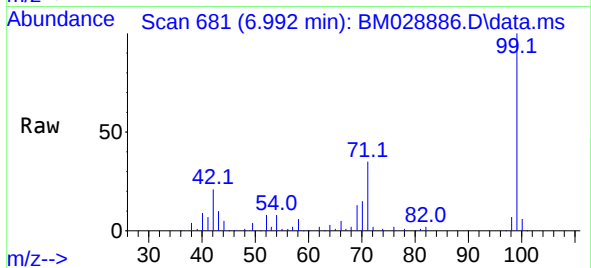
#7
Phenol-d6
Concen: 94.24 ng
RT: 6.992 min Scan# 681
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion: 99 Resp: 106241
Ion Ratio Lower Upper
99 100
42 20.9 13.5 20.3#
71 34.9 39.4 59.0#

Instrument :
BNA_M
ClientSampled :
HD-01-022221

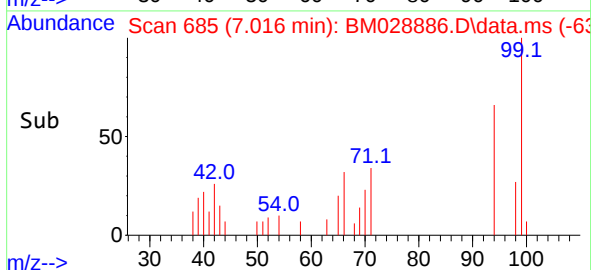
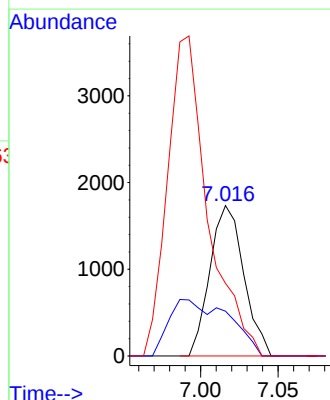
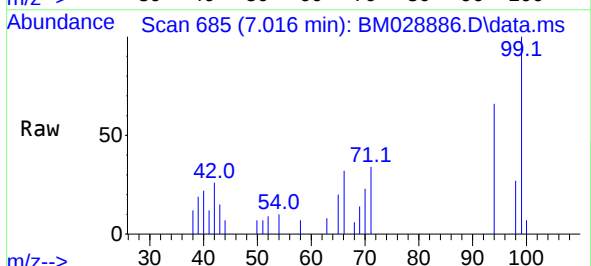
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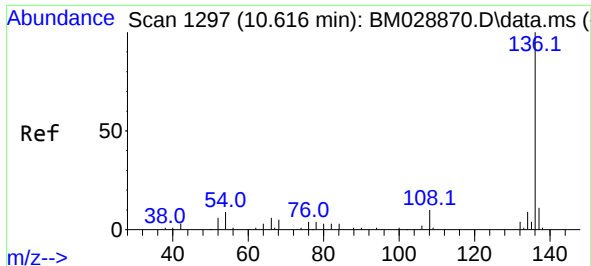
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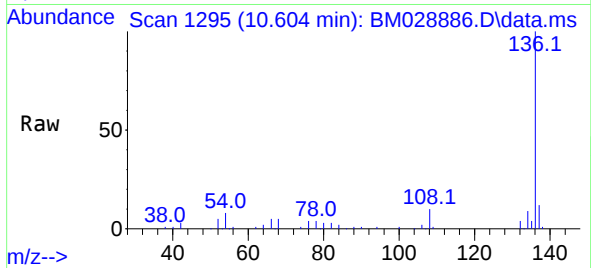
#10
Phenol
Concen: 2.35 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.012 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion: 94 Resp: 2635
Ion Ratio Lower Upper
94 100
65 29.8 16.4 56.4
66 48.3 30.2 70.2

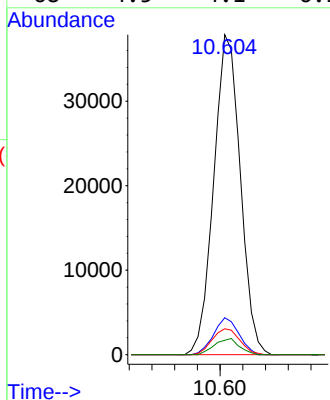




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22



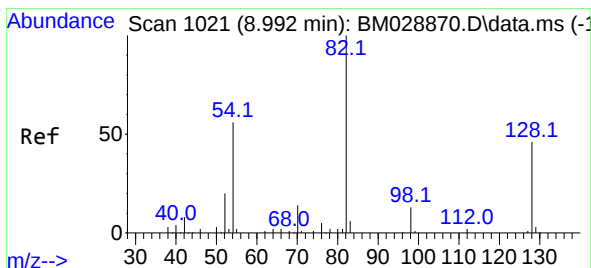
Tgt Ion:	136	Resp:	61496
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	12.8
54	8.1	4.6	7.0#
68	4.5	4.1	6.1



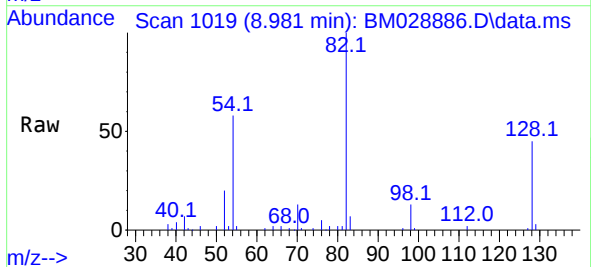
Instrument :
BNA_M
ClientSampleId :
HD-01-022221

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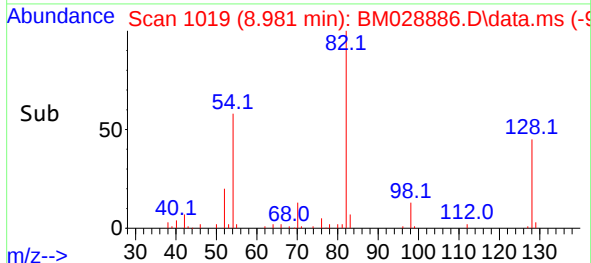
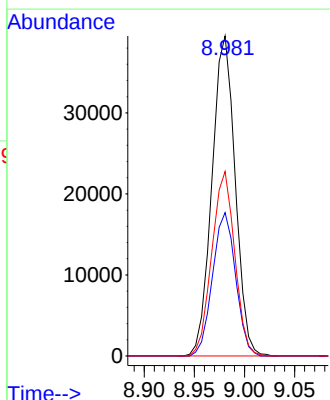
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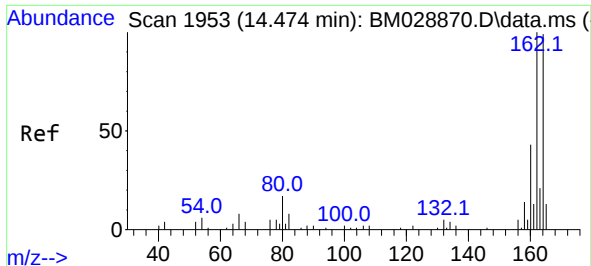


#23
Nitrobenzene-d5
Concen: 55.84 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22



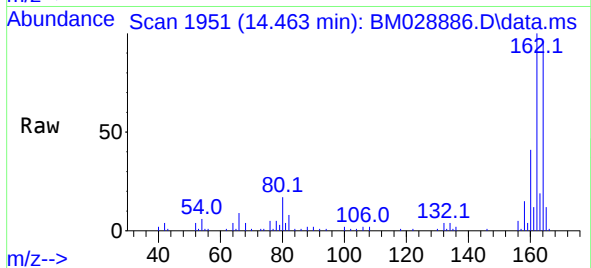
Tgt Ion:	82	Resp:	63652
Ion Ratio	Lower	Upper	
82	100		
128	44.8	27.4	41.0#
54	57.7	31.4	47.0#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

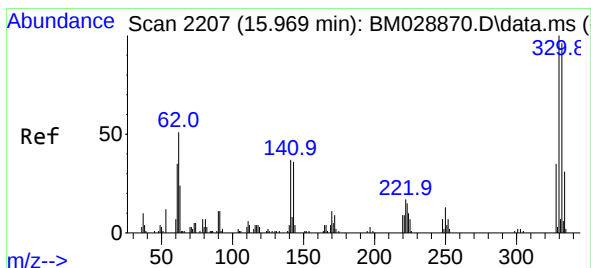
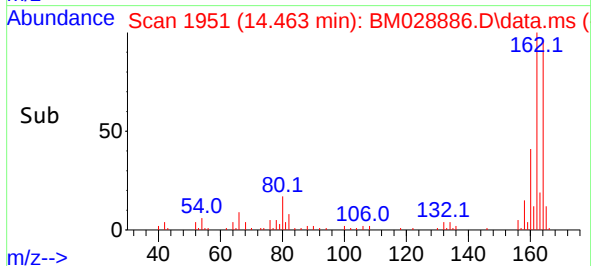
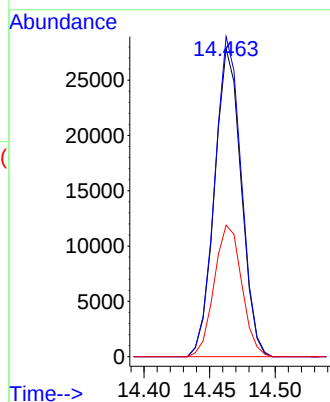
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BNA_M
ClientSampleId :
HD-01-022221



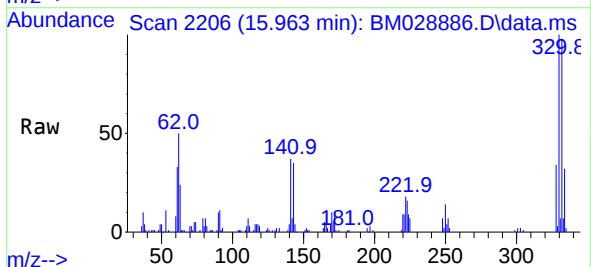
Tgt Ion:164 Resp: 39208
Ion Ratio Lower Upper
164 100
162 103.9 80.4 120.6
160 42.7 35.9 53.9

Manual Integrations
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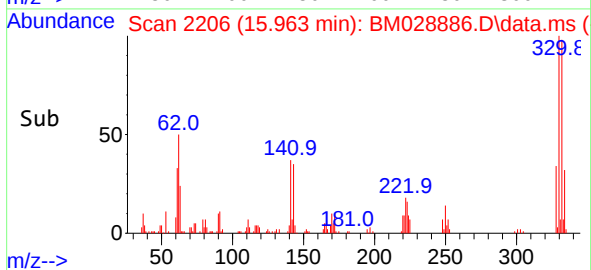
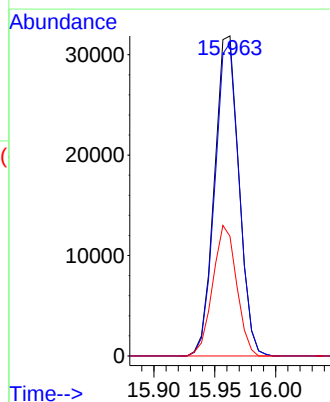
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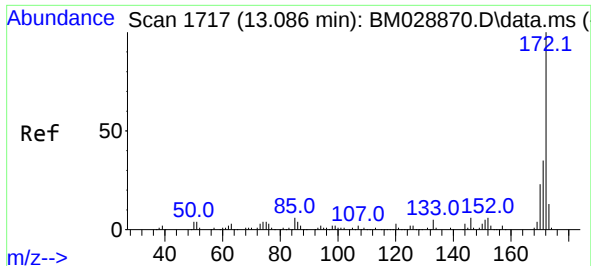


#42
2,4,6-Tribromophenol
Concen: 96.19 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22



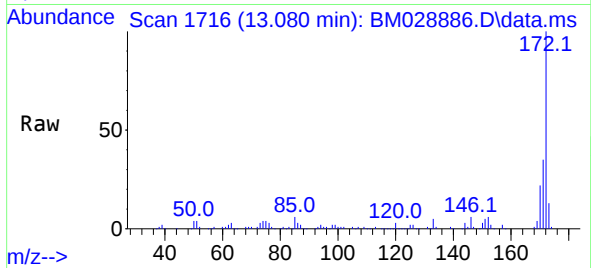
Tgt Ion:330 Resp: 44697
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 39.7 28.4 42.6





#45
2-Fluorobiphenyl
Concen: 52.34 ng
RT: 13.080 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

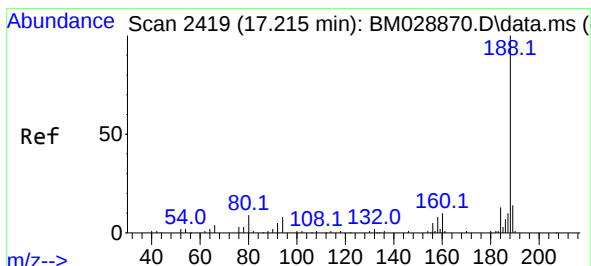
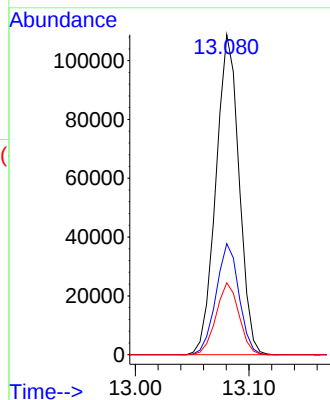
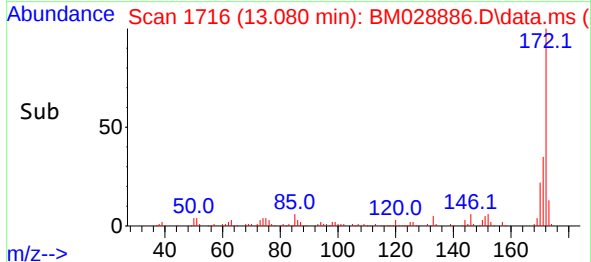
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ClientSampleId :
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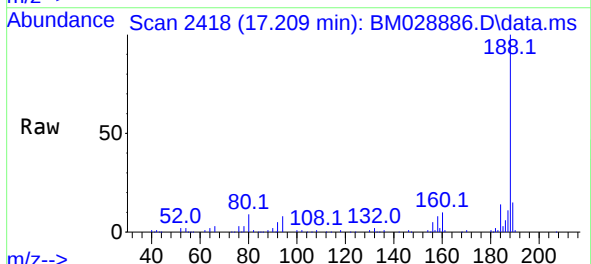
Tgt Ion:172 Resp: 154141
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.4 18.6 27.8

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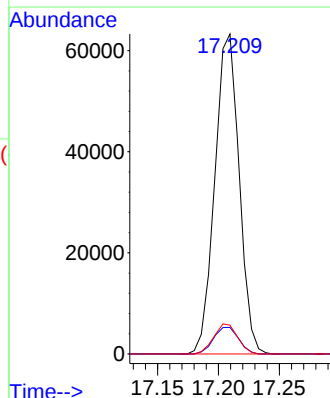
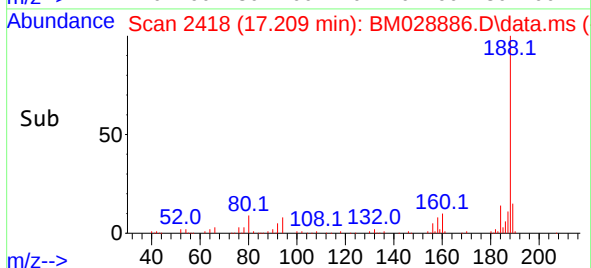
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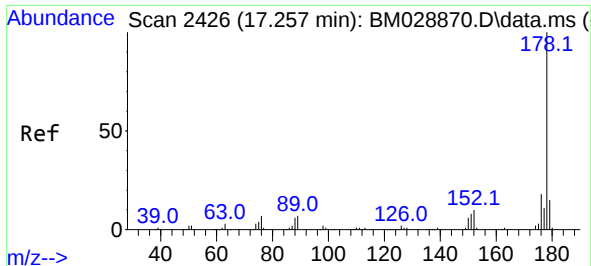


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22



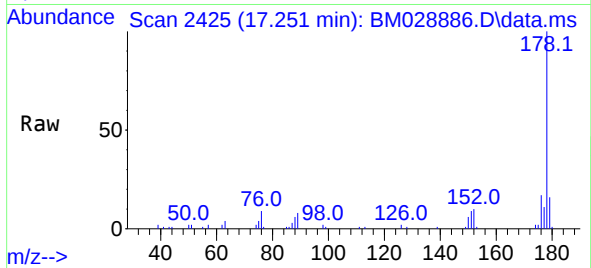
Tgt Ion:188 Resp: 87881
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.4
80 9.0 7.5 11.3





#71
Phenanthrene
Concen: 4.81 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

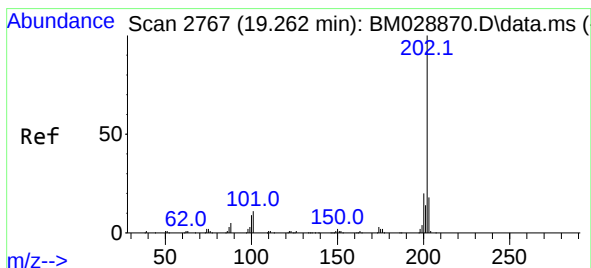
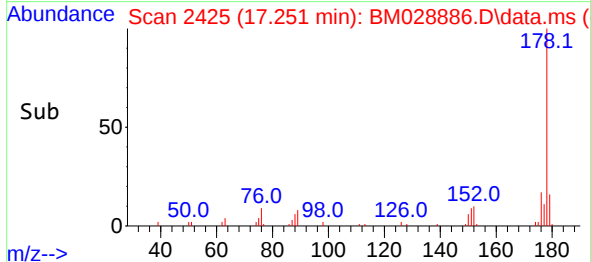
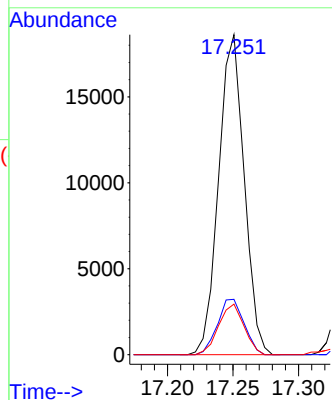
Instrument :
BNA_M
ClientSampled :
HD-01-022221



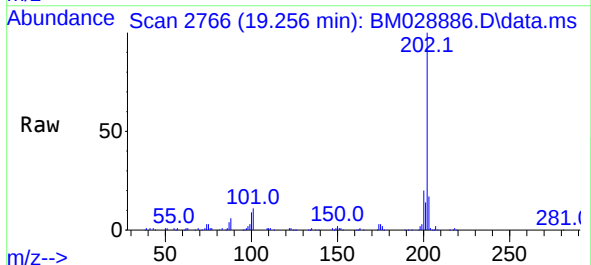
Tgt Ion:178 Resp: 25194
Ion Ratio Lower Upper
178 100
176 17.3 15.0 22.6
179 15.8 12.2 18.4

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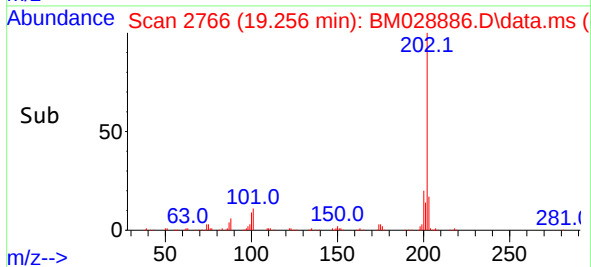
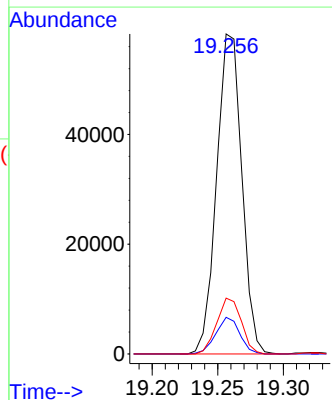
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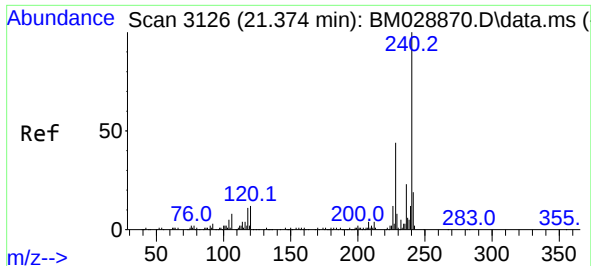


#75
Fluoranthene
Concen: 13.54 ng
RT: 19.256 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22



Tgt Ion:202 Resp: 77893
Ion Ratio Lower Upper
202 100
101 11.4 0.0 28.5
203 17.4 0.0 37.3





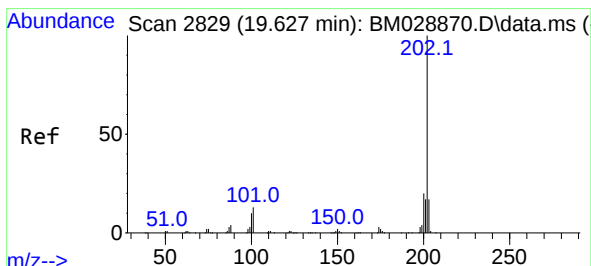
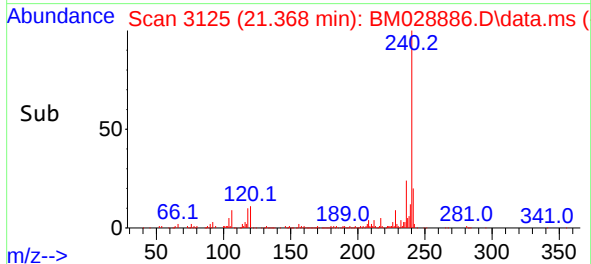
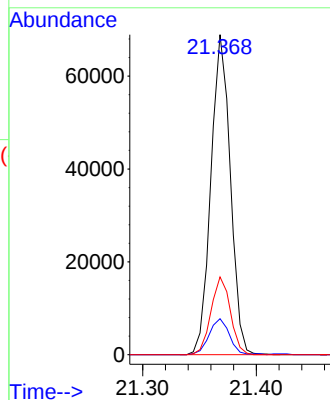
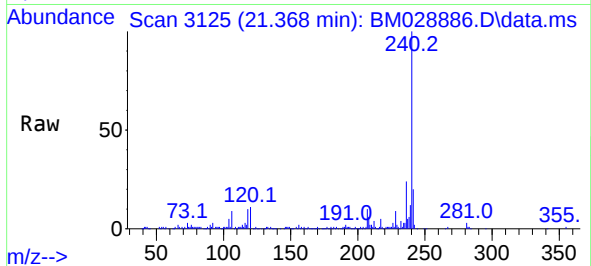
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion:240 Resp: 81896
Ion Ratio Lower Upper
240 100
120 11.3 6.4 9.6#
236 24.3 20.1 30.1

Instrument :
BNA_M
ClientSampleId :
HD-01-022221

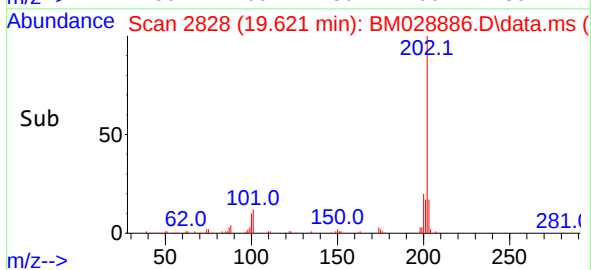
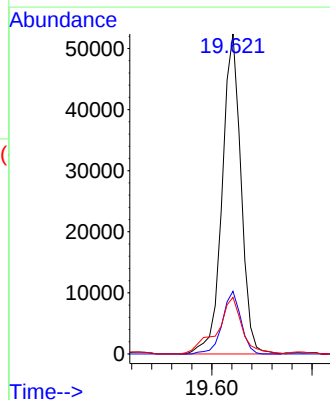
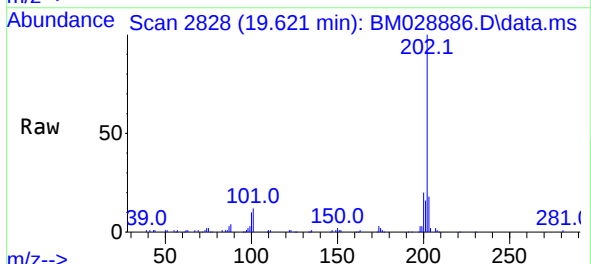
Manual Integrations
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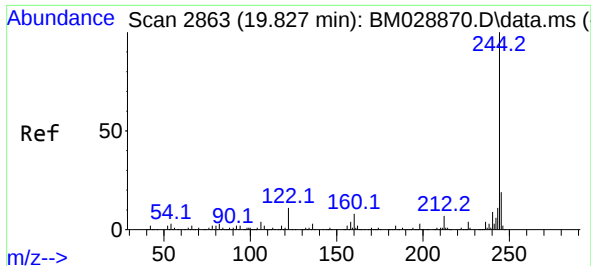
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#78
Pyrene
Concen: 11.33 ng
RT: 19.621 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion:202 Resp: 68155
Ion Ratio Lower Upper
202 100
200 19.6 16.6 24.8
203 17.7 13.8 20.6





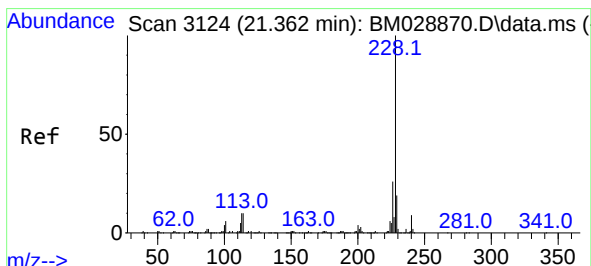
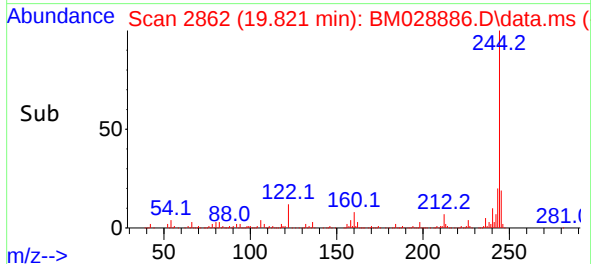
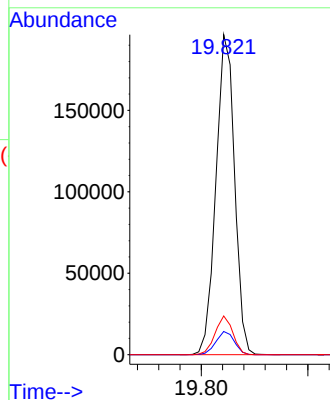
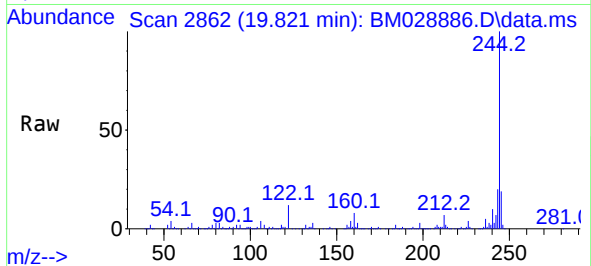
#79
Terphenyl-d14
Concen: 53.59 ng
RT: 19.821 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion:244 Resp: 237690
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 12.1 6.5 9.7#

Instrument :
BNA_M
ClientSampleId :
HD-01-022221

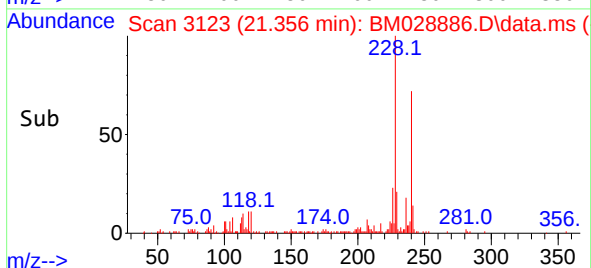
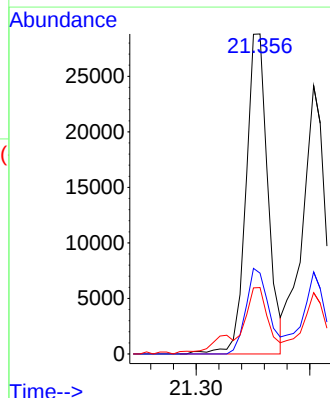
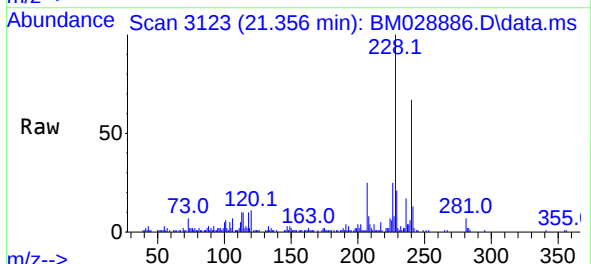
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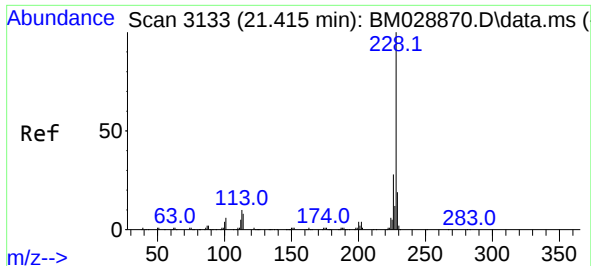
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#81
Benzo(a)anthracene
Concen: 6.76 ng
RT: 21.356 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion:228 Resp: 38404
Ion Ratio Lower Upper
228 100
226 25.3 21.1 31.7
229 20.8 15.7 23.5





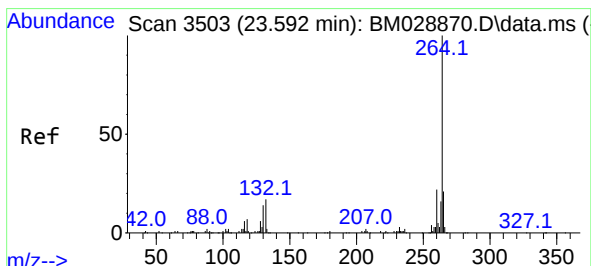
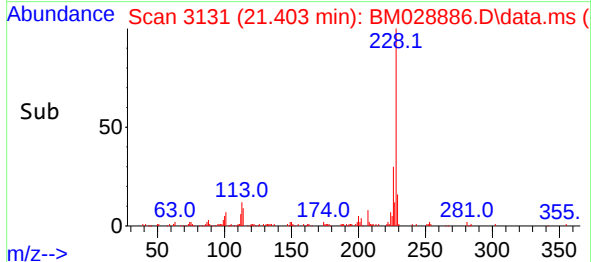
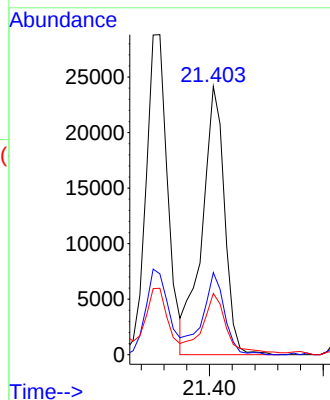
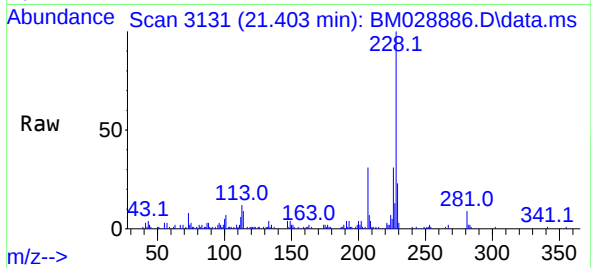
#83
Chrysene
Concen: 6.02 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.012 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion:	228	Resp:	33328
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	22.8	15.7	23.5

Instrument :
BNA_M
ClientSampled :
HD-01-022221

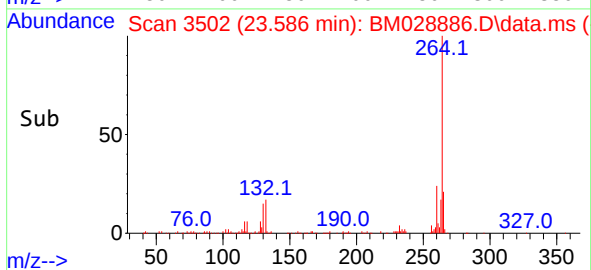
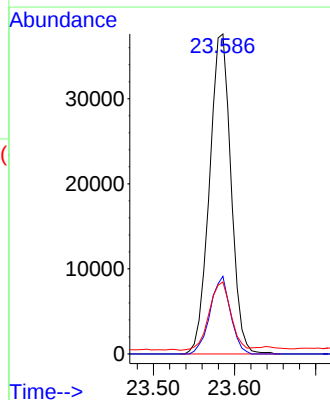
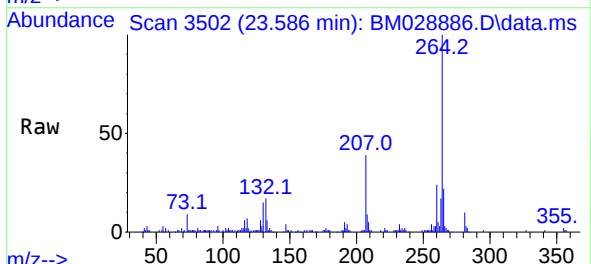
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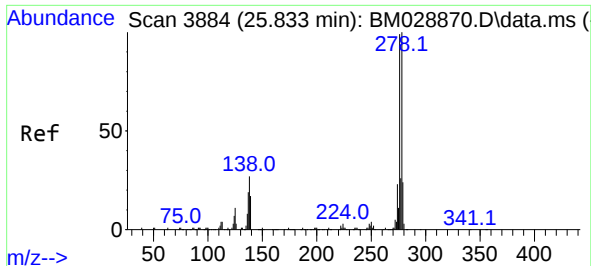
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.586 min Scan# 3502
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion:	264	Resp:	69245
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.0	28.4
265	22.5	17.7	26.5





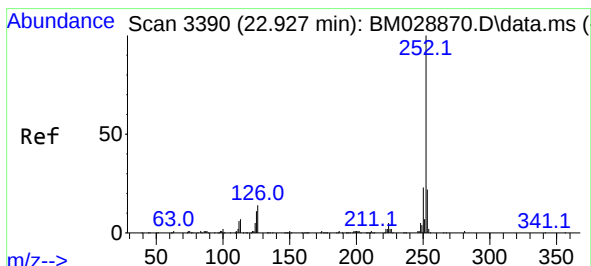
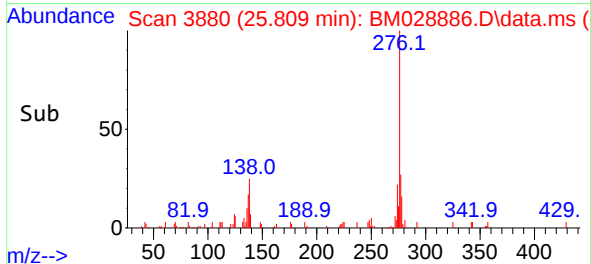
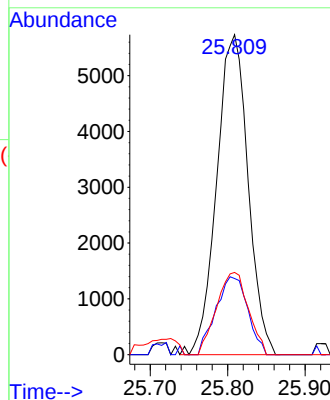
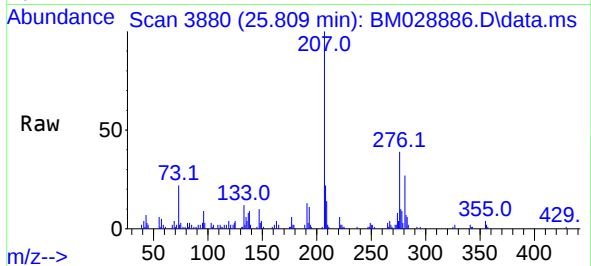
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.08 ng
RT: 25.809 min Scan# 3880
Delta R.T. -0.024 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion: 276 Resp: 16115
Ion Ratio Lower Upper
276 100
138 24.8 14.2 21.4#
277 26.1 19.8 29.8

Instrument :
BNA_M
ClientSampleId :
HD-01-022221

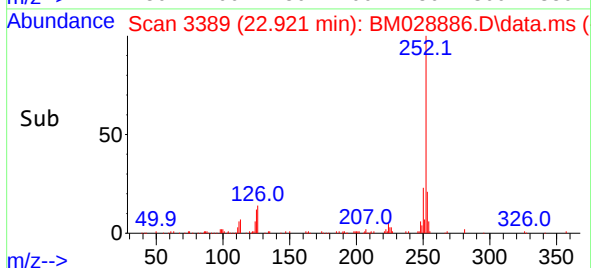
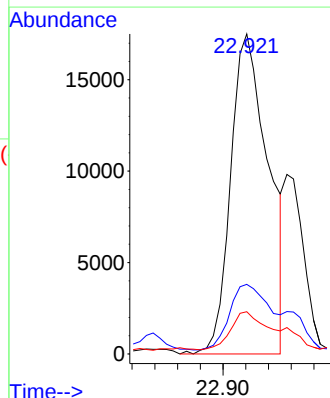
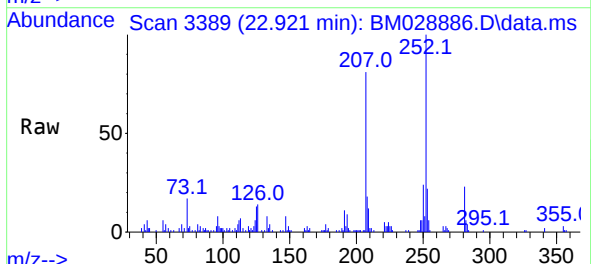
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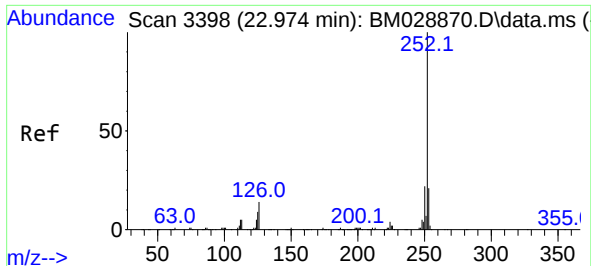
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#88
Benzo(b)fluoranthene
Concen: 8.23 ng
RT: 22.921 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

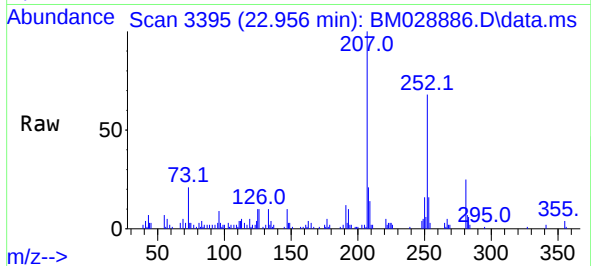
Tgt Ion: 252 Resp: 40249
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 13.2 5.7 8.5#





#89
Benzo(k)fluoranthene
Concen: 2.61 ng m
RT: 22.956 min Scan# 3395
Delta R.T. -0.018 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

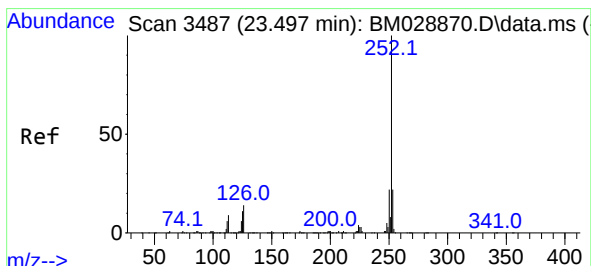
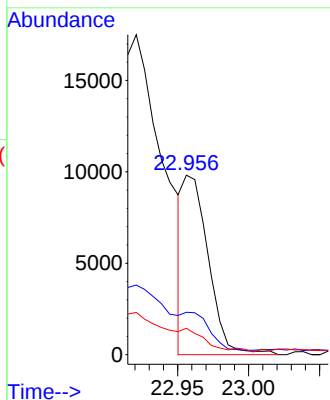
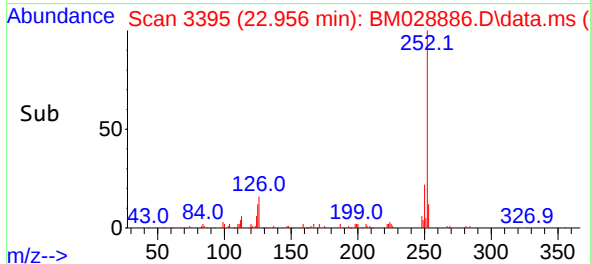
Instrument :
BNA_M
ClientSampleId :
HD-01-022221



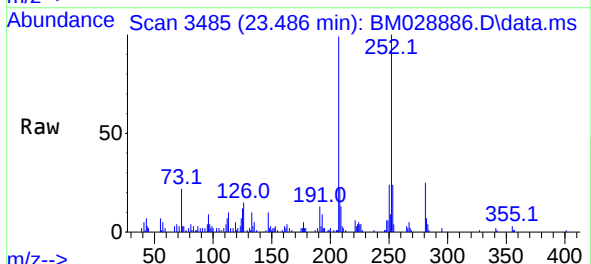
Tgt Ion:252 Resp: 12116
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 14.7 5.6 8.4#

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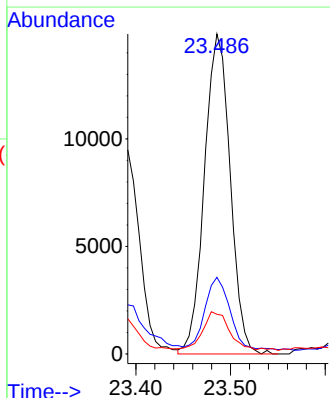
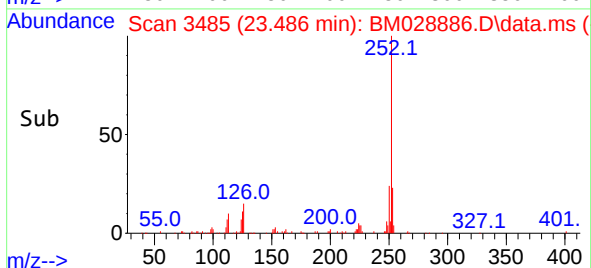
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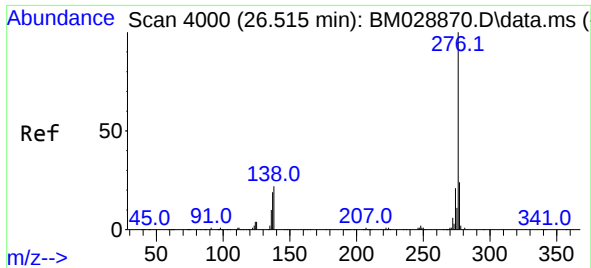


#90
Benzo(a)pyrene
Concen: 6.30 ng
RT: 23.486 min Scan# 3485
Delta R.T. -0.012 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22



Tgt Ion:252 Resp: 28133
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 12.4 6.6 9.8#





#92
Benzo(g,h,i)perylene
Concen: 3.33 ng
RT: 26.491 min Scan# 3996
Delta R.T. -0.024 min
Lab File: BM028886.D
Acq: 24 Feb 2021 19:22

Tgt Ion: 276 Resp: 14619
Ion Ratio Lower Upper
276 100
277 27.2 18.6 28.0
138 22.6 12.2 18.2#

Instrument :
BNA_M
ClientSampleId :
HD-01-022221

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