

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072721\
 Data File : BP006370.D
 Acq On : 27 Jul 2021 18:59
 Operator : CG/JU
 Sample : M3091-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0050

Manual Integrations
 APPROVED

mohammad
 7/28/2021 11:33:54 AM

Quant Time: Jul 28 01:19:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	340765	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1505408	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.410	164	876820	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.169	188	1709530	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1583060	20.000	ng/u1	0.00
88) Perylene-d12	23.610	264	1470884	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	21172	2.319	ng/uL	0.00
4) Pyridine-d5	3.705	84	155068	5.722	ng/u1	0.00
7) Phenol-d5	6.958	99	401919	12.558	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	286933	14.409	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	312536	13.144	ng/u1	-0.01
15) 4-Methylphenol-d8	8.487	113	309353	12.291	ng/u1	-0.01
21) Nitrobenzene-d5	8.940	128	135185	12.060	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.657	143	107031	10.000	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	258348	12.318	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.710	131	349100	10.110	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	918280	14.715	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1108738	14.461	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	99095	7.997	ng/u1	0.00
60) Fluorene-d10	15.404	176	786130	14.985	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.522	200	50047	5.251	ng/u1	-0.01
73) Anthracene-d10	17.263	188	1201486	15.569	ng/u1	0.00
81) Pyrene-d10	19.504	212	1355052	16.642	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.457	264	1150268	15.389	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.616	128	174167	2.230	ng/u1	99
36) 2-Methylnaphthalene	12.228	142	171566	3.206	ng/u1	98
37) 1-Methylnaphthalene	12.451	142	121038	2.247	ng/u1	99
72) Phenanthrene	17.210	178	402310	4.383	ng/u1	98
80) Fluoranthene	19.180	202	450422	4.489	ng/u1	97
82) Pyrene	19.533	202	419203	4.027	ng/u1	99
85) Benzo(a)anthracene	21.251	228	261419	2.665	ng/u1#	93
87) Chrysene	21.298	228	329033	3.499	ng/u1#	95
90) Benzo(b)fluoranthene	22.898	252	324603	3.474	ng/u1	98
91) Benzo(k)fluoranthene	22.939	252	105097m	1.185	ng/u1	
93) Benzo(a)pyrene	23.504	252	205095	2.511	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.027	276	119029	1.139	ng/u1	96
96) Benzo(g,h,i)perylene	26.768	276	100339	1.162	ng/u1	99

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

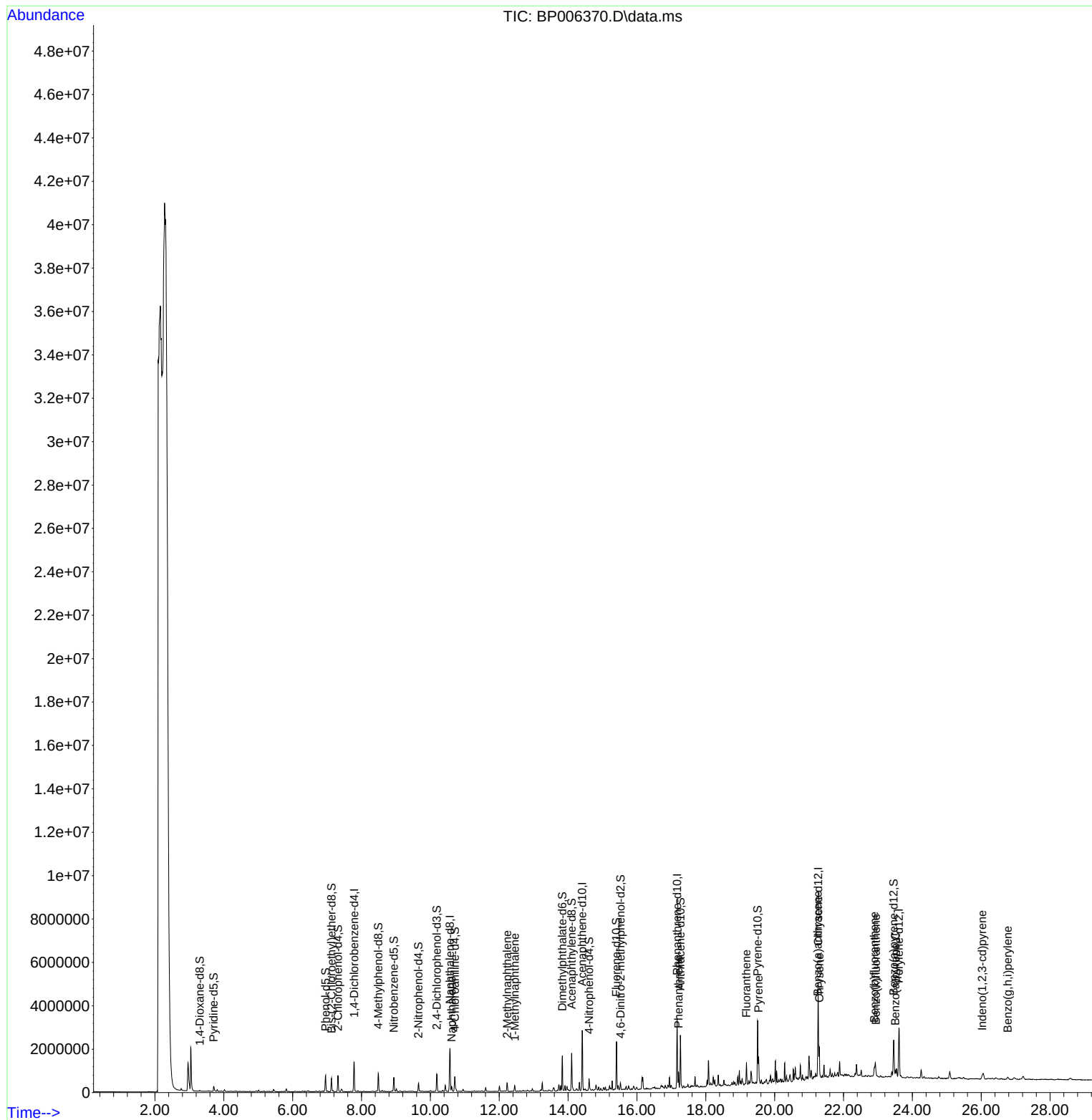
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Data File : BP006370.D
Acq On : 27 Jul 2021 18:59
Operator : CG/JU
Sample : M3091-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

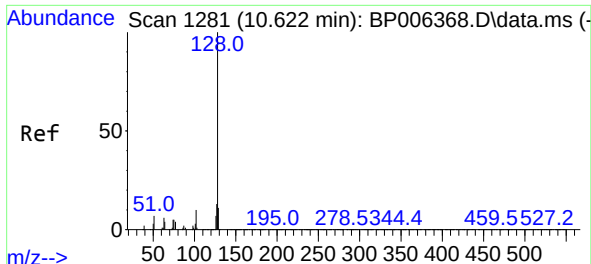
Instrument :
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Quant Title : SVOA CALIBRATION
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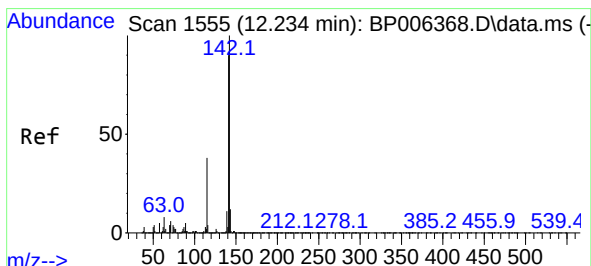
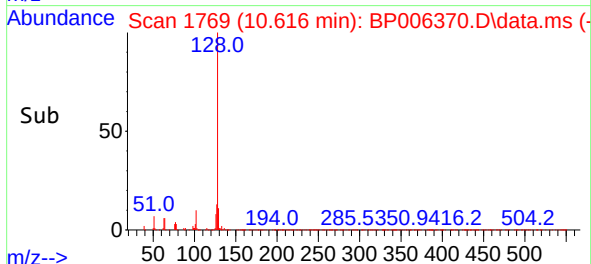
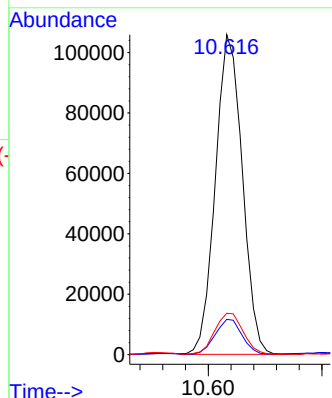
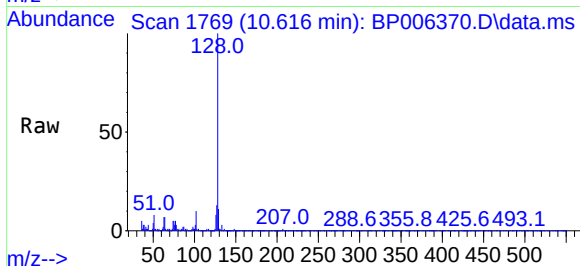
#30
Naphthalene
Concen: 2.230 ng/ul
RT: 10.616 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59

Instrument :
BNA_P
ClientSampleId :
C0050

Tgt Ion:128 Resp: 174167
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.7 16.1

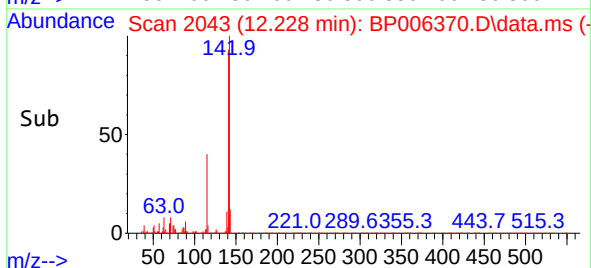
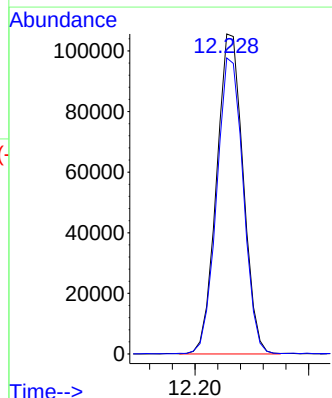
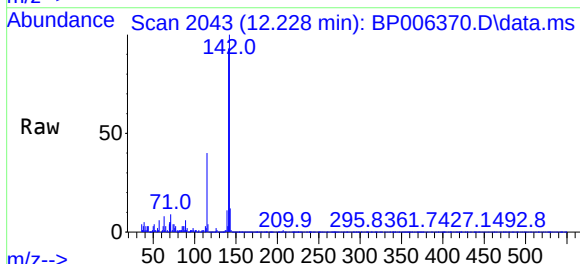
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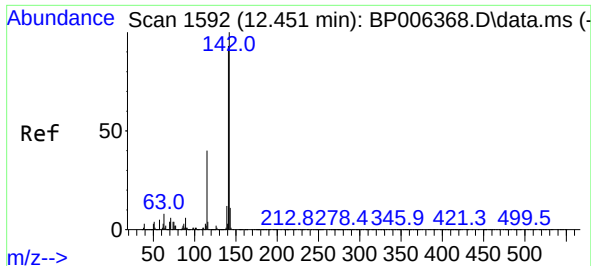
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#36
2-Methylnaphthalene
Concen: 3.206 ng/ul
RT: 12.228 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59

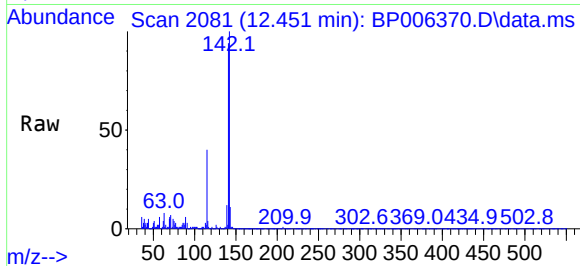
Tgt Ion:142 Resp: 171566
Ion Ratio Lower Upper
142 100
141 92.5 72.6 108.8





#37
1-Methylnaphthalene
Concen: 2.247 ng/ul
RT: 12.451 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59

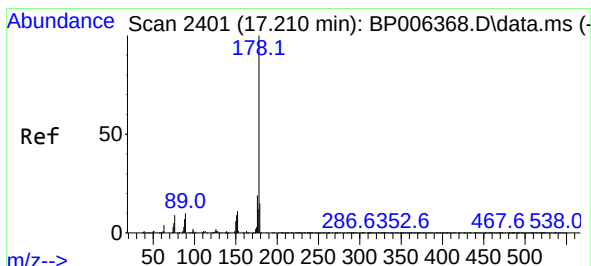
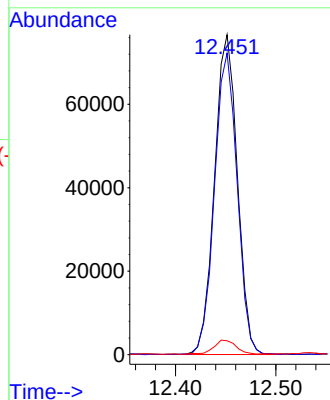
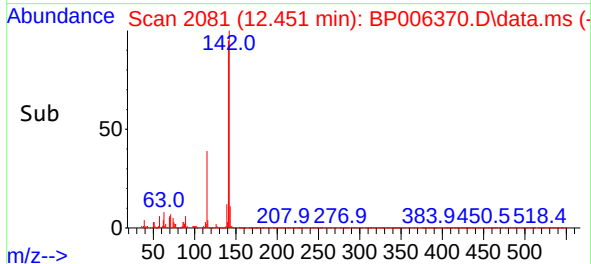
Instrument :
BNA_P
ClientSampled :
C0050



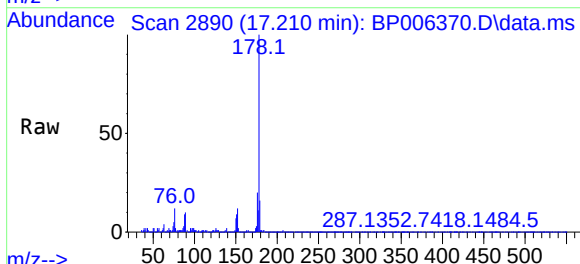
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Ion Ratio Lower Upper
142 100
141 94.3 74.5 111.7
116 4.4 3.5 5.3

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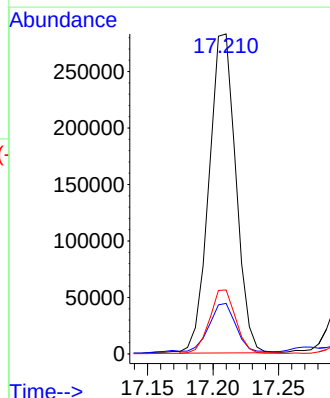
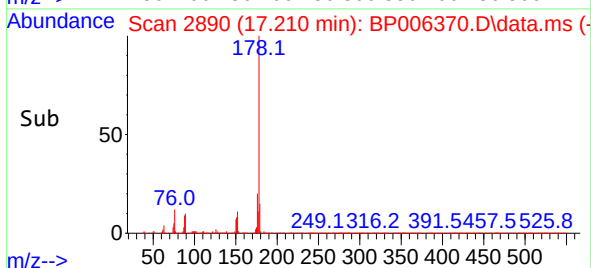
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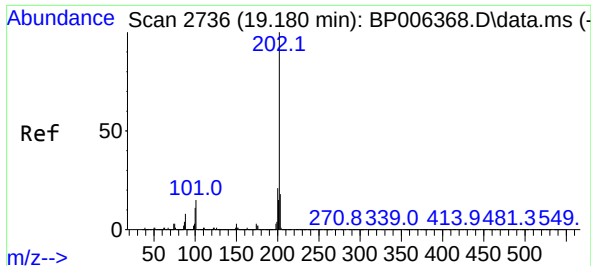


#72
Phenanthrene
Concen: 4.383 ng/ul
RT: 17.210 min Scan# 2890
Delta R.T. -0.006 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59



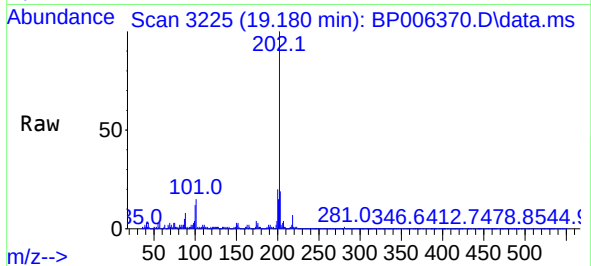
Tgt Ion:178 Resp: 402310
Ion Ratio Lower Upper
178 100
179 15.8 12.0 18.0
176 20.0 15.0 22.6





#80
Fluoranthene
Concen: 4.489 ng/ul
RT: 19.180 min Scan# 3225
Delta R.T. -0.006 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59

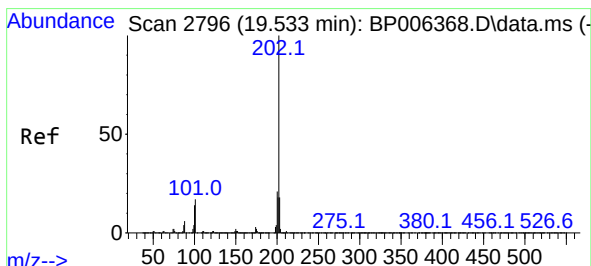
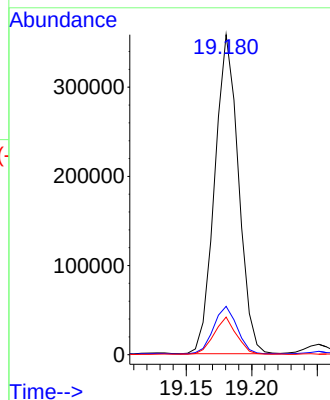
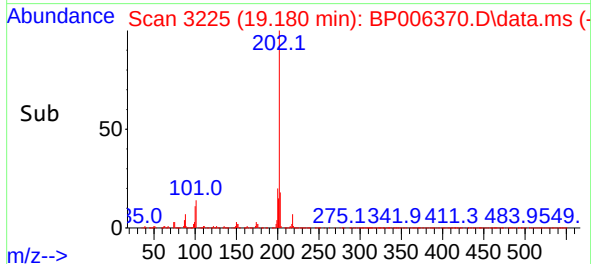
Instrument :
BNA_P
ClientSampled :
C0050



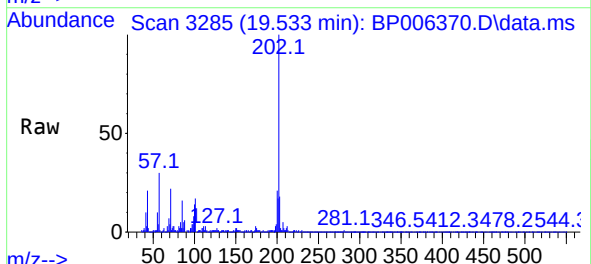
Tgt Ion:202 Resp: 450422
Ion Ratio Lower Upper
202 100
101 15.1 11.0 16.6
100 11.7 8.8 13.2

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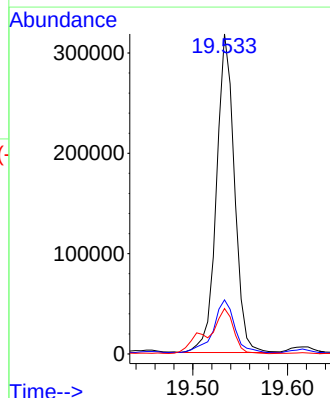
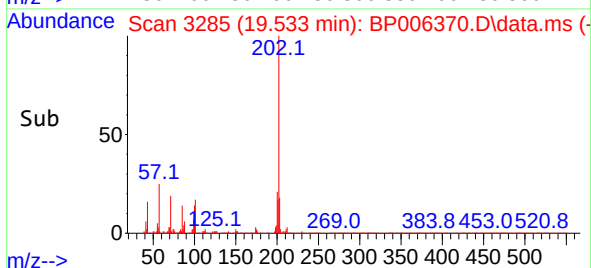
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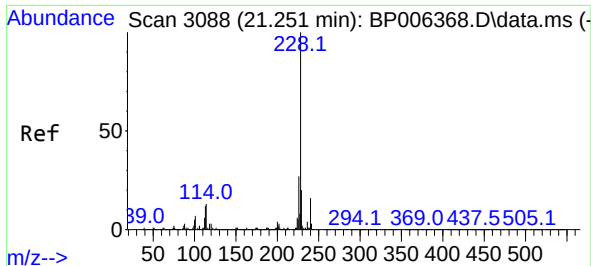


#82
Pyrene
Concen: 4.027 ng/ul
RT: 19.533 min Scan# 3285
Delta R.T. -0.006 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59



Tgt Ion:202 Resp: 419203
Ion Ratio Lower Upper
202 100
101 16.9 13.0 19.4
100 14.2 11.0 16.4





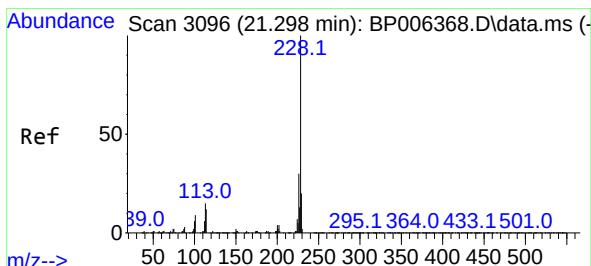
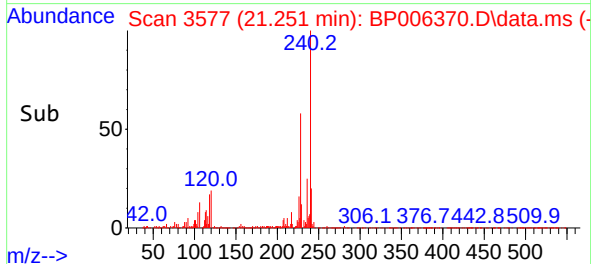
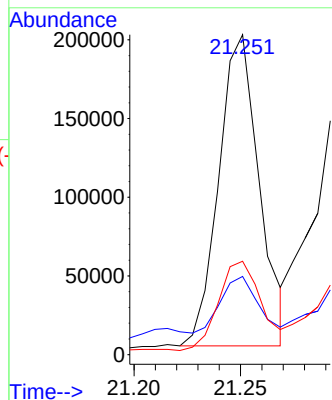
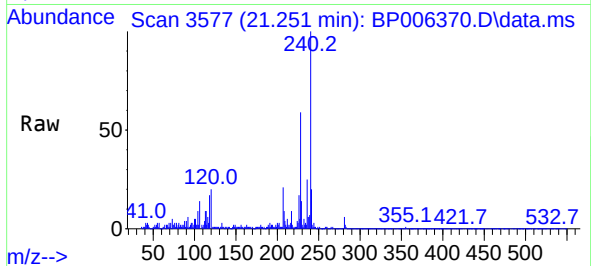
#85
Benzo(a)anthracene
Concen: 2.665 ng/u1
RT: 21.251 min Scan# 3577
Delta R.T. 0.000 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59

Tgt Ion:228 Resp: 261419
Ion Ratio Lower Upper
228 100
229 24.5 15.9 23.9#
226 29.2 21.6 32.4

Instrument :
BNA_P
ClientSampled :
C0050

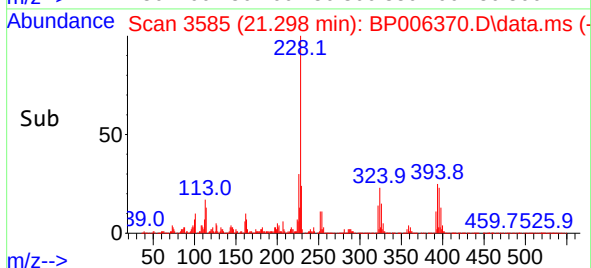
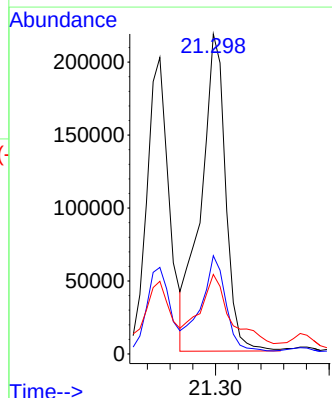
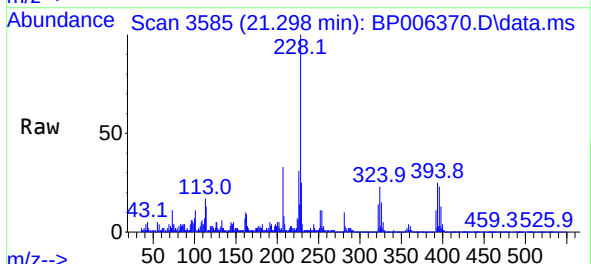
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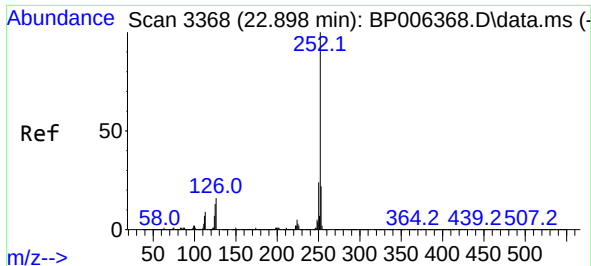
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#87
Chrysene
Concen: 3.499 ng/u1
RT: 21.298 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59

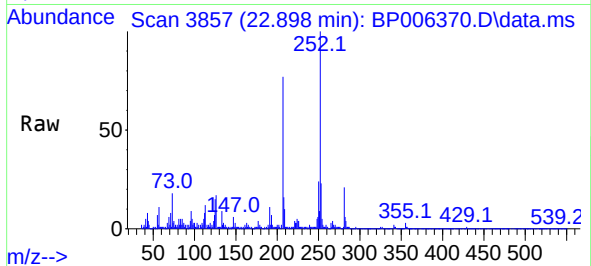
Tgt Ion:228 Resp: 329033
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 24.8 15.8 23.6#





#90
Benzo(b)fluoranthene
Concen: 3.474 ng/ul
RT: 22.898 min Scan# 3857
Delta R.T. 0.000 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59

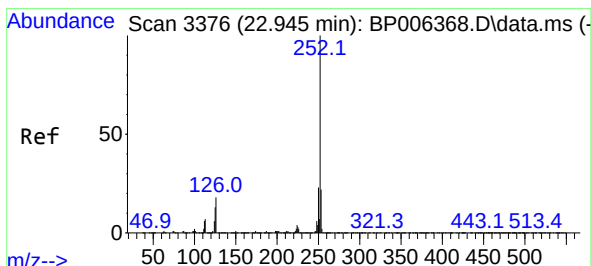
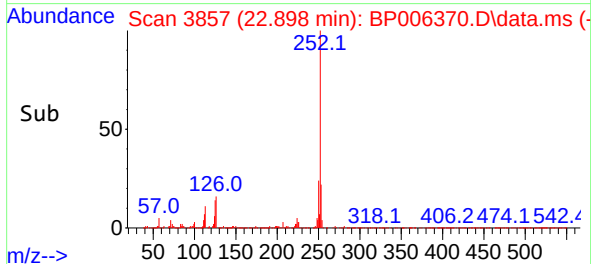
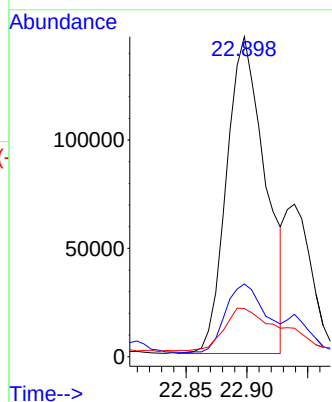
Instrument :
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C0050



Tgt Ion:252 Resp: 324603
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 15.1 10.6 16.0

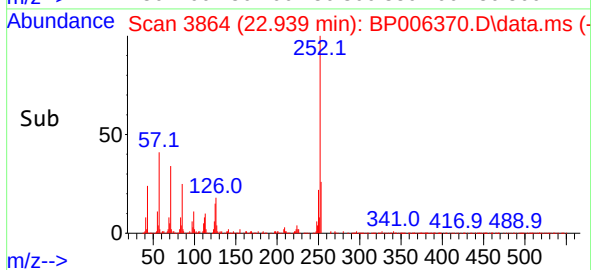
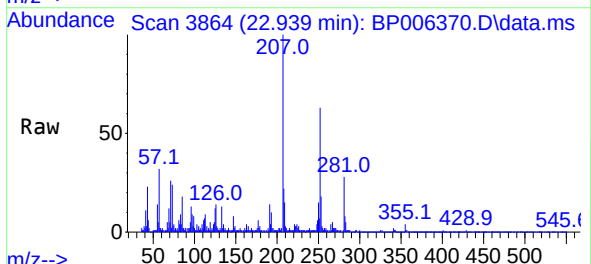
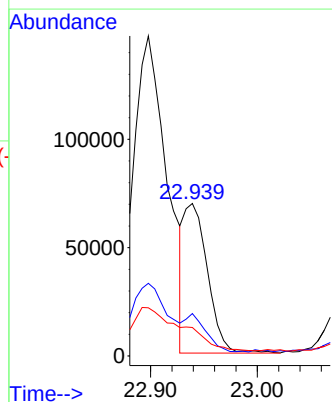
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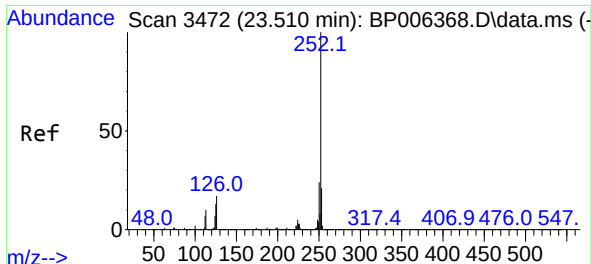
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#91
Benzo(k)fluoranthene
Concen: 1.185 ng/ul m
RT: 22.939 min Scan# 3864
Delta R.T. -0.012 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59

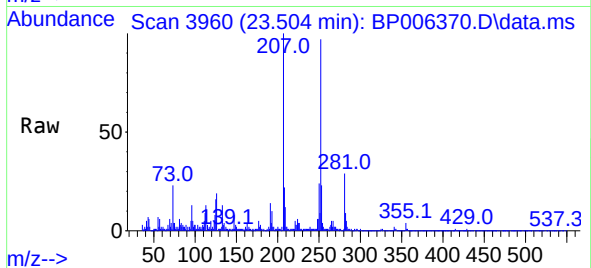
Tgt Ion:252 Resp: 105097
Ion Ratio Lower Upper
252 100
253 27.8 17.5 26.3#
125 18.7 10.3 15.5#





#93
Benzo(a)pyrene
Concen: 2.511 ng/ul
RT: 23.504 min Scan# 3960
Delta R.T. -0.006 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59

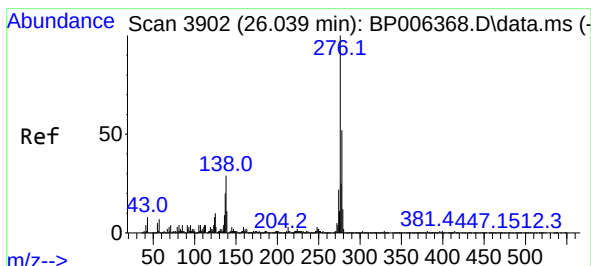
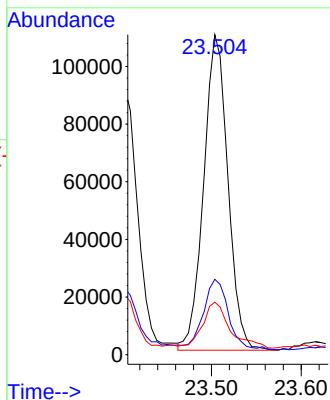
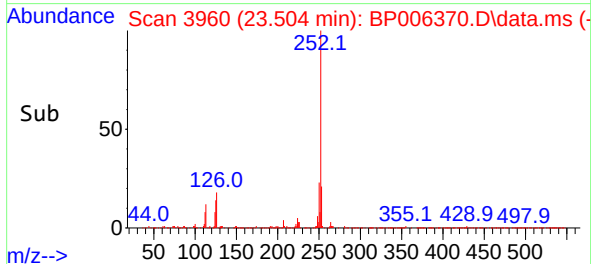
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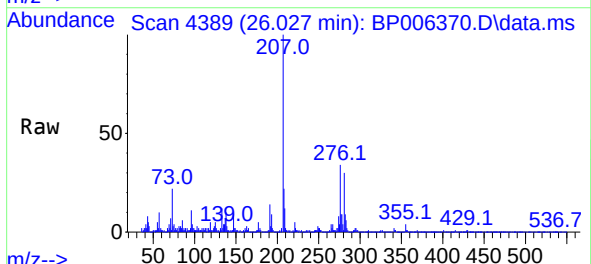
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Ion Ratio Lower Upper
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253 23.5 17.6 26.4
125 16.4 11.8 17.8

Manual Integrations
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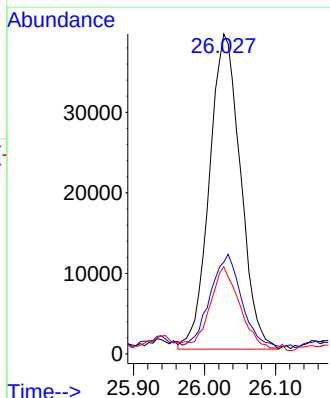
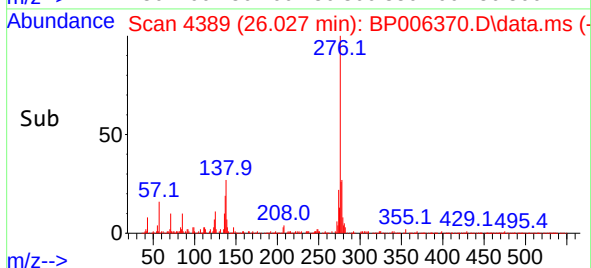
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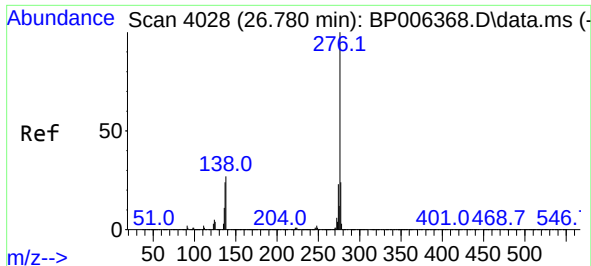


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.139 ng/ul
RT: 26.027 min Scan# 4389
Delta R.T. -0.018 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59



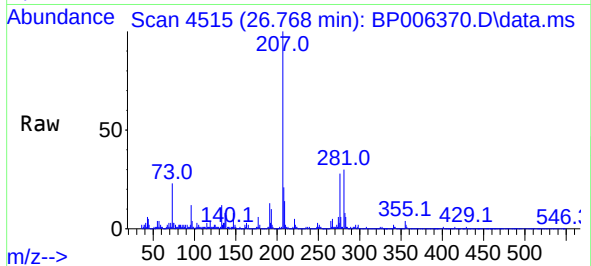
Tgt Ion:276 Resp: 119029
Ion Ratio Lower Upper
276 100
138 28.6 21.8 32.6
277 27.3 19.6 29.4





#96
Benzo(g,h,i)perylene
Concen: 1.162 ng/ul
RT: 26.768 min Scan# 4515
Delta R.T. -0.024 min
Lab File: BP006370.D
Acq: 27 Jul 2021 18:59

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 276 Resp: 100339
Ion Ratio Lower Upper
276 100
138 26.5 20.2 30.4
277 23.1 18.6 27.8

Manual Integrations
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