

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
 Data File : BP006611.D
 Acq On : 09 Aug 2021 13:30
 Operator : CG/JU
 Sample : M3169-04DL 30X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00A3DL

Manual Integrations
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Quant Time: Aug 09 14:08:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 07 13:59:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	190617	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	811058	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	448683	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.140	188	853507	20.000	ng/ul	0.00
79) Chrysene-d12	21.239	240	807603	20.000	ng/ul	0.00
88) Perylene-d12	23.574	264	864438	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	1336	0.262	ng/uL	0.01
4) Pyridine-d5	3.699	84	14005m	0.924	ng/ul	0.02
7) Phenol-d5	6.928	99	23182	1.295	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	15410	1.383	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	18619	1.400	ng/ul	0.00
15) 4-Methylphenol-d8	8.464	113	18526	1.316	ng/ul	0.00
21) Nitrobenzene-d5	8.905	128	10056	1.665	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	9166	1.590	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.158	165	14712	1.302	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	17035	0.916	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	52051	1.630	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	62468	1.592	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.381	176	43449	1.618	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	1886	0.396	ng/ul	0.01
73) Anthracene-d10	17.240	188	67062	1.741	ng/ul	0.00
81) Pyrene-d10	19.481	212	73519	1.770	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.422	264	72849	1.658	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.581	128	327849	7.791	ng/ul	100
36) 2-Methylnaphthalene	12.199	142	104655	3.630	ng/ul	100
37) 1-Methylnaphthalene	12.416	142	63906	2.202	ng/ul	100
50) Acenaphthylene	14.104	152	118368	3.098	ng/ul	97
52) Acenaphthene	14.446	153	140303	5.005	ng/ul	98
56) Dibenzofuran	14.781	168	320349	8.521	ng/ul	100
61) Fluorene	15.434	166	377880	12.220	ng/ul	100
72) Phenanthrene	17.181	178	2516603	54.911	ng/ul	99
74) Anthracene	17.275	178	643417	13.846	ng/ul	100
77) Carbazole	17.551	167	186420	4.385	ng/ul	97
80) Fluoranthene	19.157	202	2503335	48.908	ng/ul	99
82) Pyrene	19.510	202	1925235	36.248	ng/ul	99
85) Benzo(a)anthracene	21.228	228	922138	18.427	ng/ul	97
87) Chrysene	21.275	228	716690	14.941	ng/ul	97
90) Benzo(b)fluoranthene	22.869	252	935341	17.035	ng/ul	98
91) Benzo(k)fluoranthene	22.910	252	332708m	6.385	ng/ul	
93) Benzo(a)pyrene	23.474	252	729782	15.206	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.986	276	446343	7.265	ng/ul	97
95) Dibenzo(a,h)anthracene	25.986	278	112651	2.165	ng/ul#	76
96) Benzo(g,h,i)perylene	26.721	276	347993	6.856	ng/ul	100

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

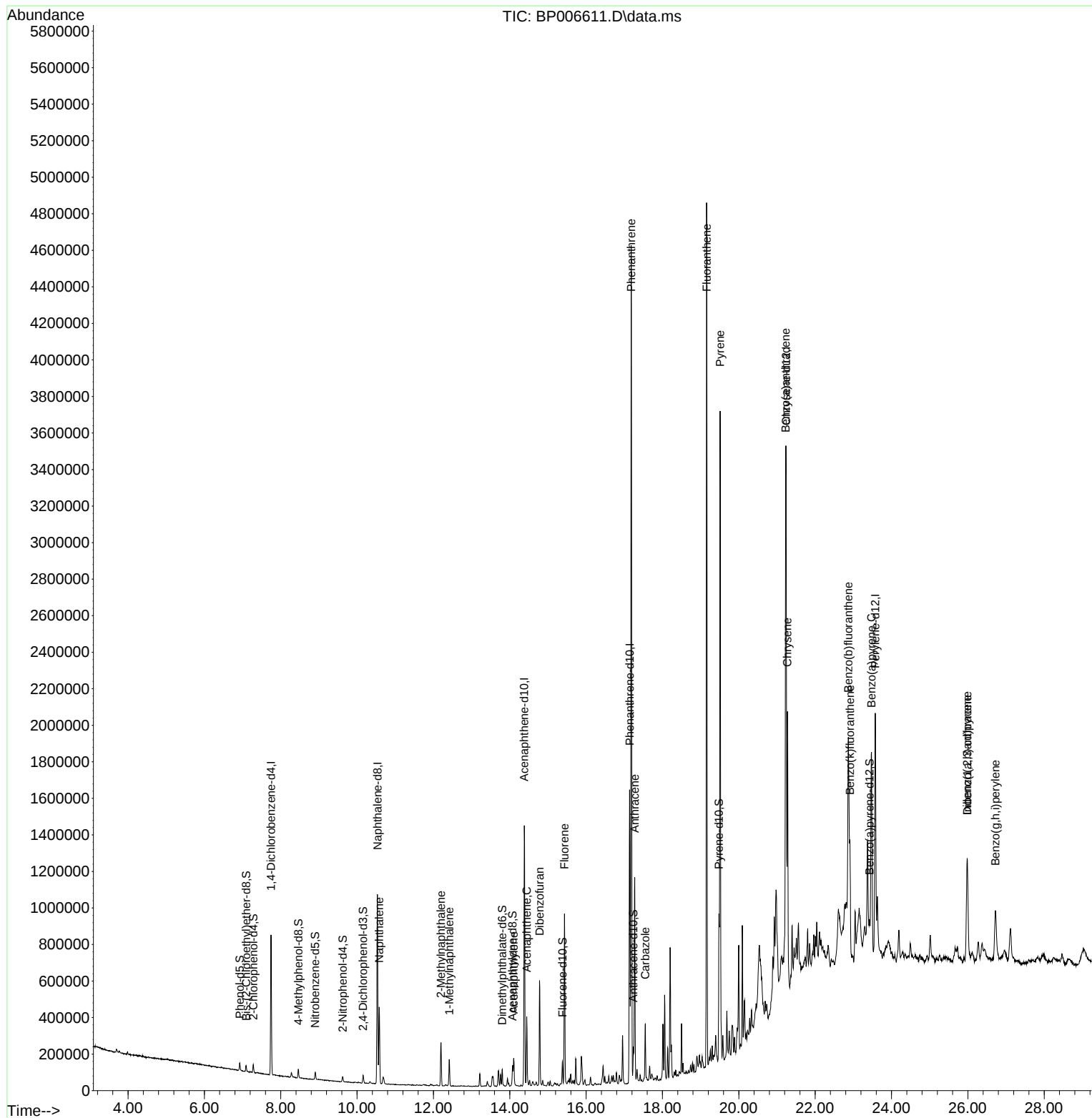
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Data File : BP006611.D
Acq On : 09 Aug 2021 13:30
Operator : CG/JU
Sample : M3169-04DL 30X
Misc :
ALS Vial : 8 Sample Multiplier: 1

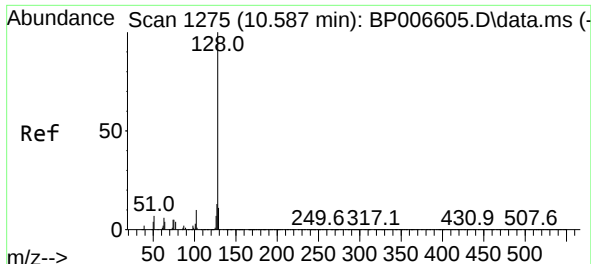
Instrument :
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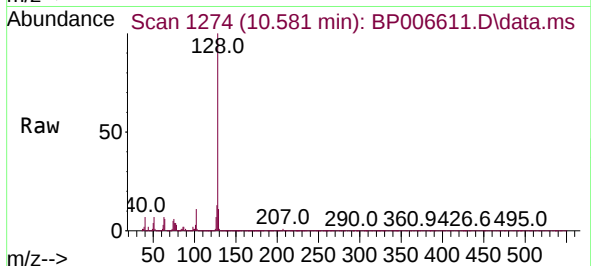
Quant Time: Aug 09 14:08:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 07 13:59:25 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 7.791 ng/ul
RT: 10.581 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

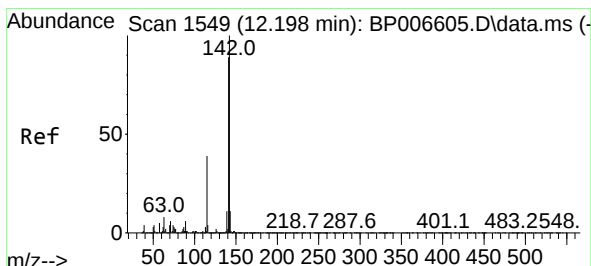
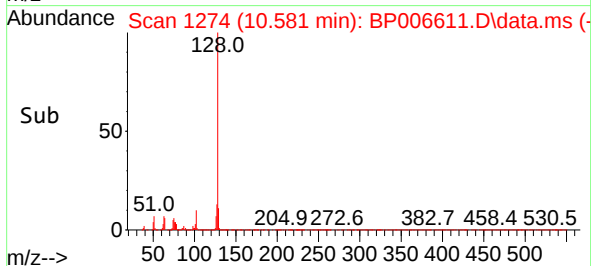
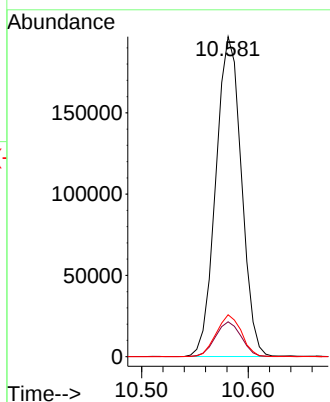
Instrument :
BNA_P
ClientSampleId :
C00A3DL



Tgt Ion:128 Resp: 327849
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.6 15.8

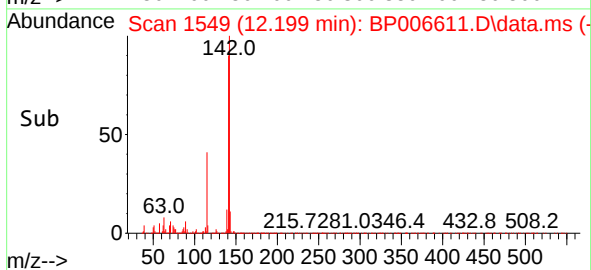
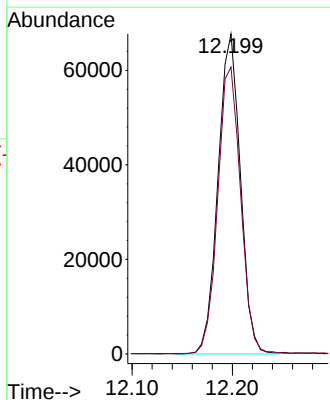
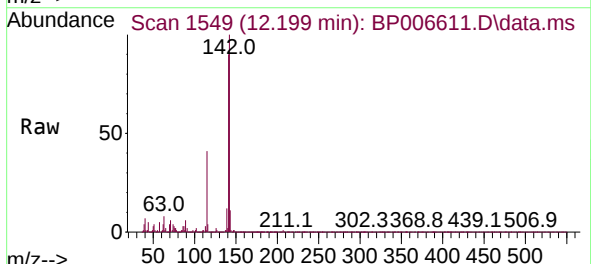
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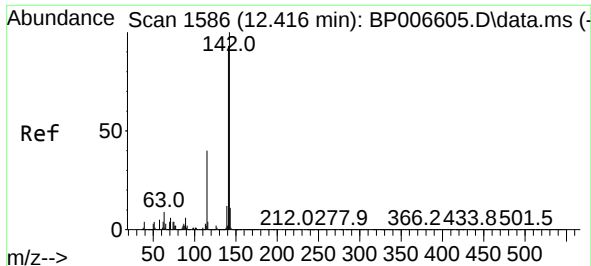
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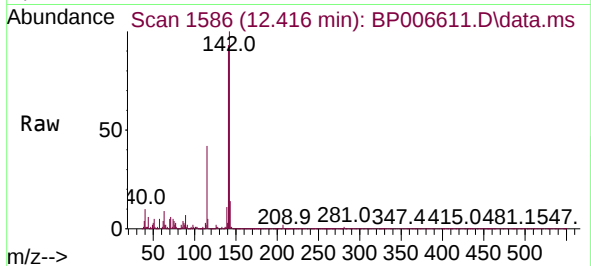
#36
2-Methylnaphthalene
Concen: 3.630 ng/ul
RT: 12.199 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

Tgt Ion:142 Resp: 104655
Ion Ratio Lower Upper
142 100
141 89.6 71.5 107.3

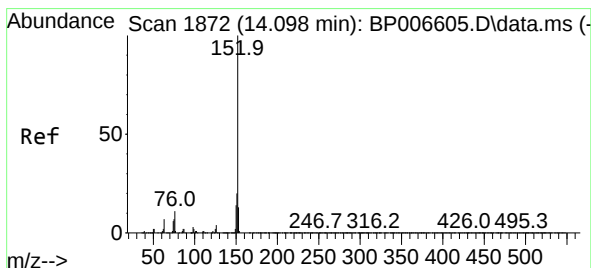
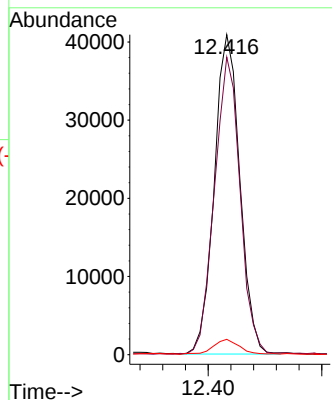
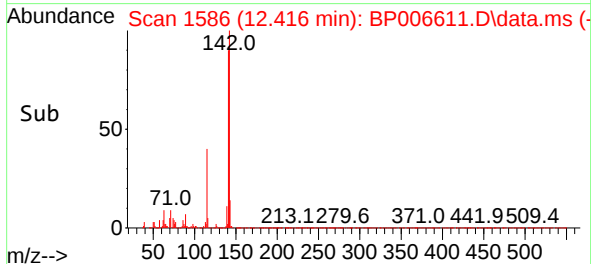




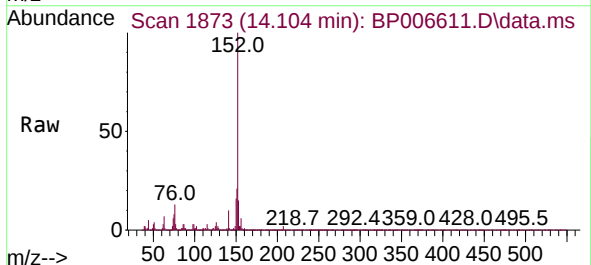
#37
1-Methylnaphthalene
Concen: 2.202 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30



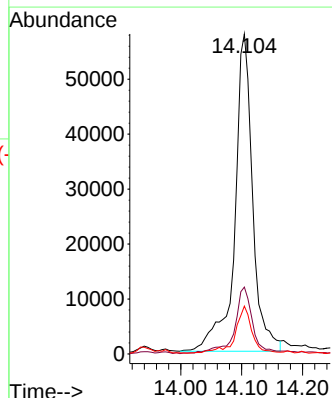
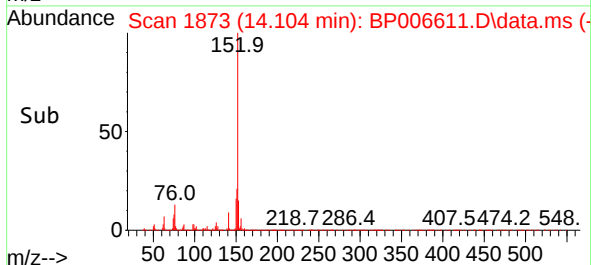
Tgt Ion:142 Resp: 63906
Ion Ratio Lower Upper
142 100
141 93.0 74.4 111.6
116 4.8 3.3 4.9



#50
Acenaphthylene
Concen: 3.098 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30



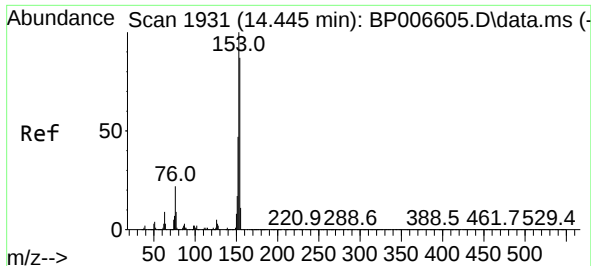
Tgt Ion:152 Resp: 118368
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 14.9 10.3 15.5



Instrument :
BNA_P
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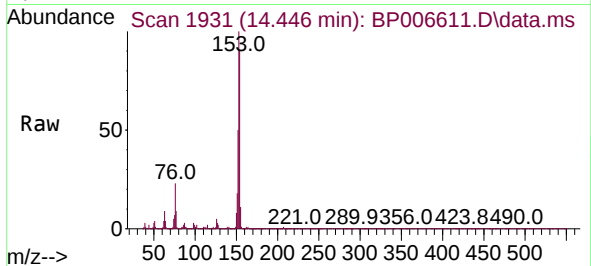
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#52
Acenaphthene
Concen: 5.005 ng/ul
RT: 14.446 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

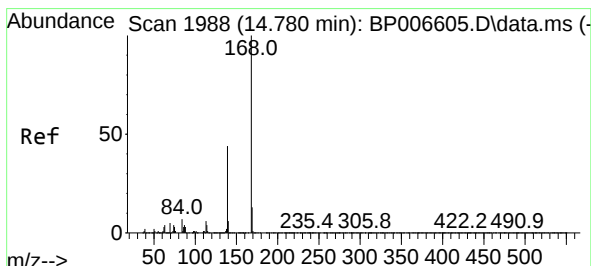
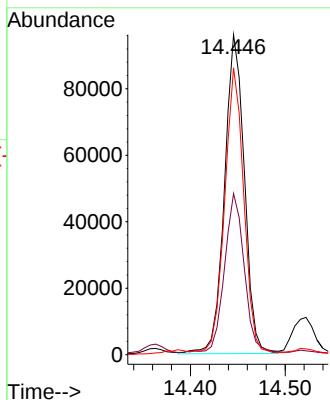
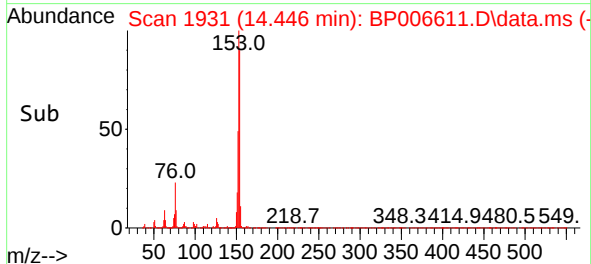
Instrument :
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ClientSampleId :
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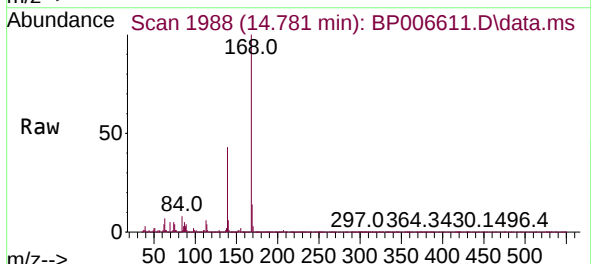
Tgt Ion:153 Resp: 140303
Ion Ratio Lower Upper
153 100
152 50.3 39.2 58.8
154 89.7 70.2 105.2

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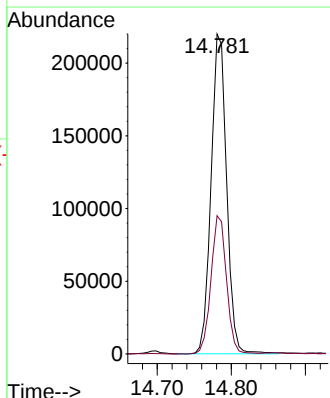
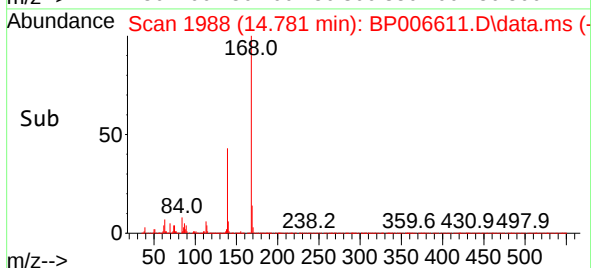
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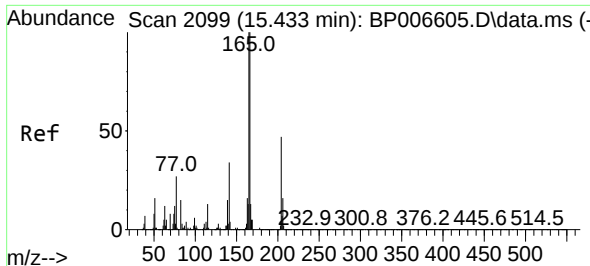


#56
Dibenzofuran
Concen: 8.521 ng/ul
RT: 14.781 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30



Tgt Ion:168 Resp: 320349
Ion Ratio Lower Upper
168 100
139 43.2 34.6 52.0





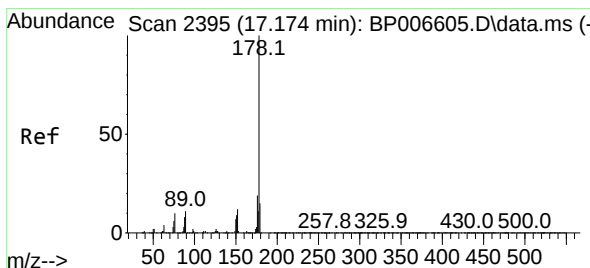
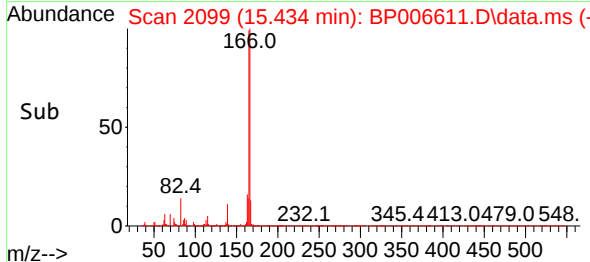
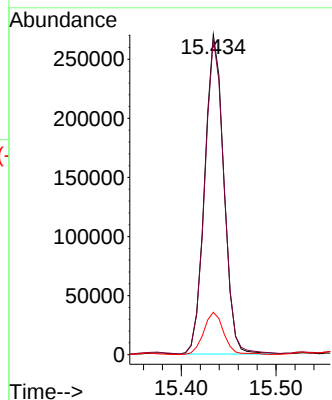
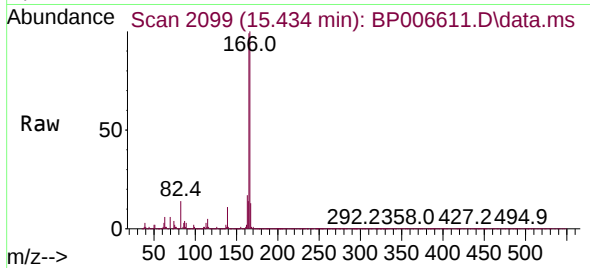
#61
Fluorene
Concen: 12.220 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

Instrument :
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ClientSampleId :
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Tgt Ion:166 Resp: 377880
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.2
167 13.3 10.6 16.0

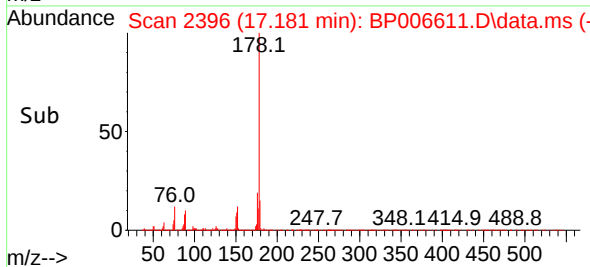
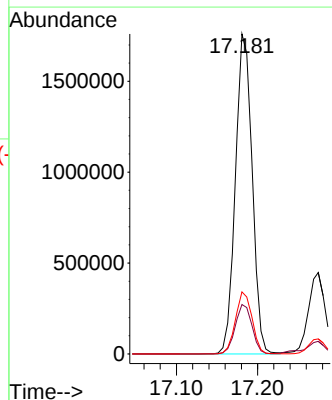
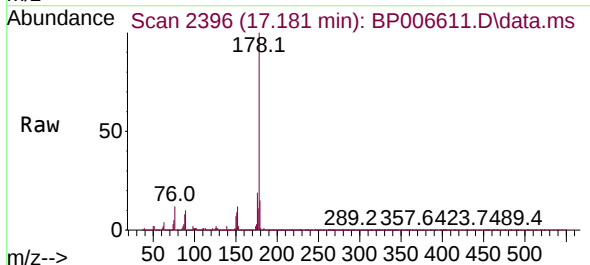
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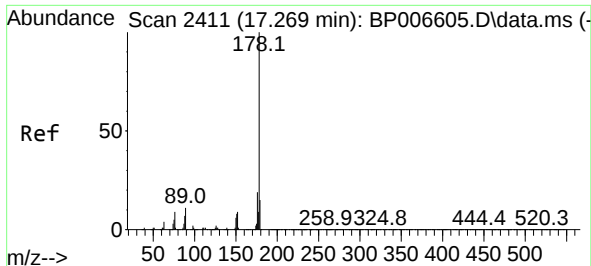
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#72
Phenanthrene
Concen: 54.911 ng/ul
RT: 17.181 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

Tgt Ion:178 Resp: 2516603
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.4 15.2 22.8





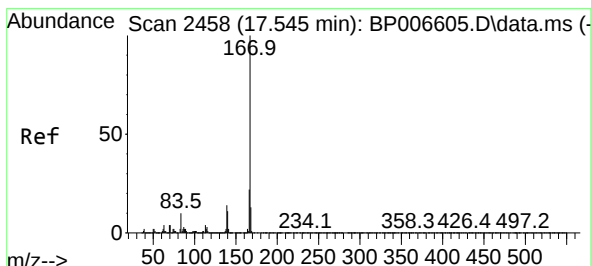
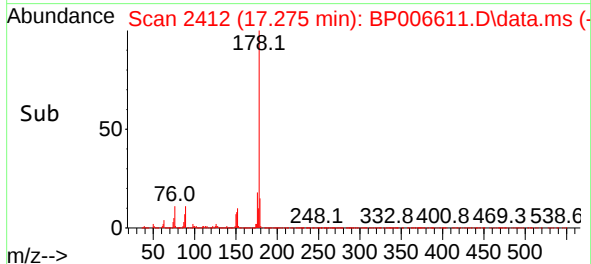
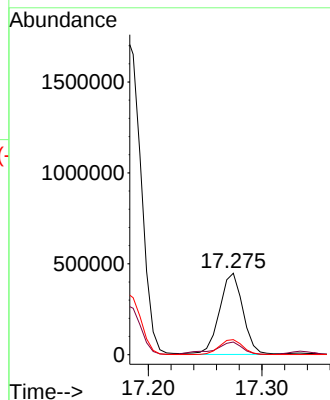
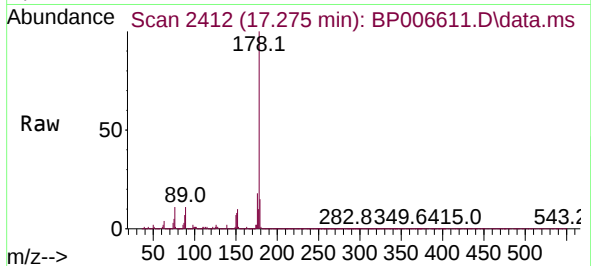
#74
 Anthracene
 Concen: 13.846 ng/ul
 RT: 17.275 min Scan# 2412
 Delta R.T. 0.006 min
 Lab File: BP006611.D
 Acq: 09 Aug 2021 13:30

Tgt Ion:178 Resp: 643417
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.0 18.0
 176 18.4 14.7 22.1

Instrument :
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 C00A3DL

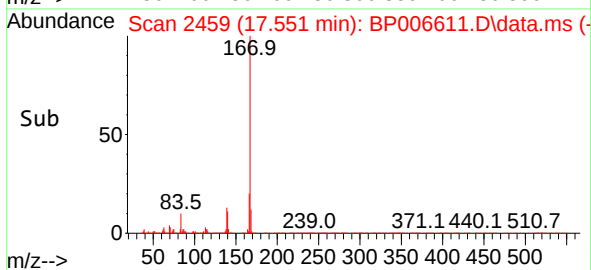
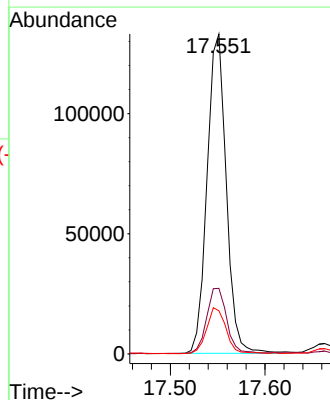
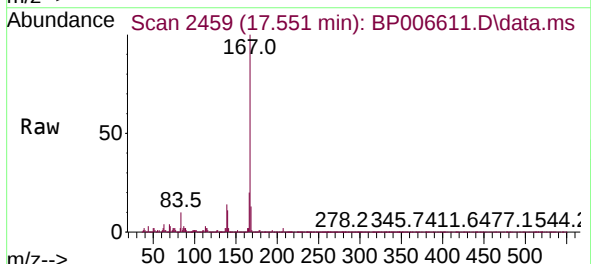
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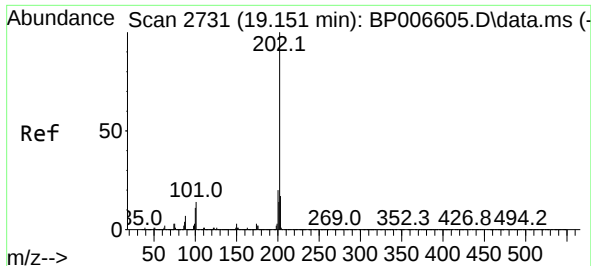
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#77
 Carbazole
 Concen: 4.385 ng/ul
 RT: 17.551 min Scan# 2459
 Delta R.T. 0.006 min
 Lab File: BP006611.D
 Acq: 09 Aug 2021 13:30

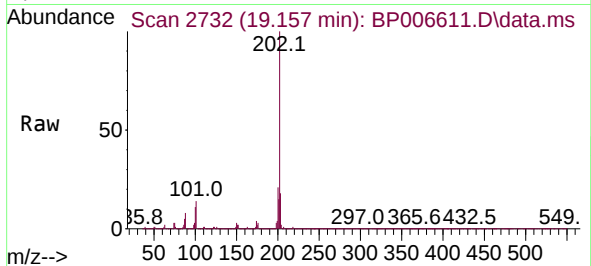
Tgt Ion:167 Resp: 186420
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.7 26.5
 139 13.5 11.7 17.5





#80
Fluoranthene
Concen: 48.908 ng/u1
RT: 19.157 min Scan# 2732
Delta R.T. 0.006 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

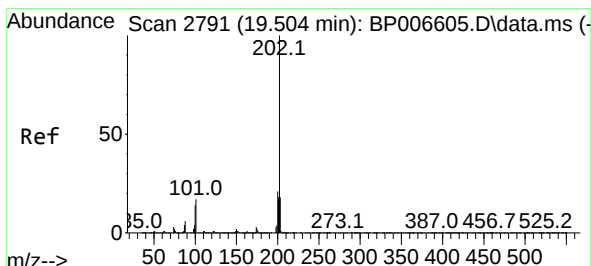
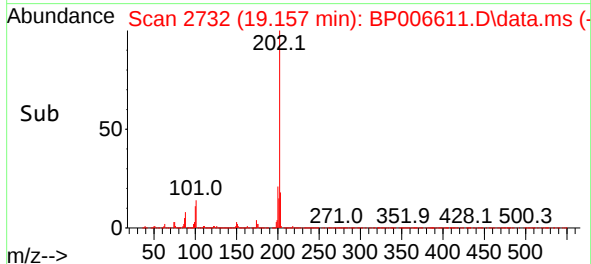
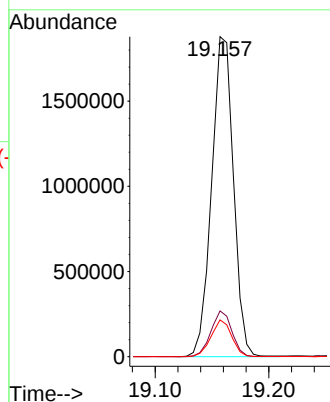
Instrument :
BNA_P
ClientSampleId :
C00A3DL



Tgt Ion:202 Resp: 2503335
Ion Ratio Lower Upper
202 100
101 14.3 11.2 16.8
100 11.5 8.7 13.1

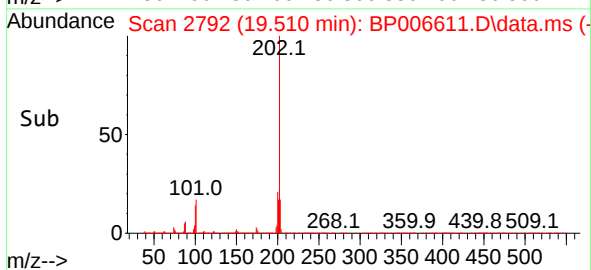
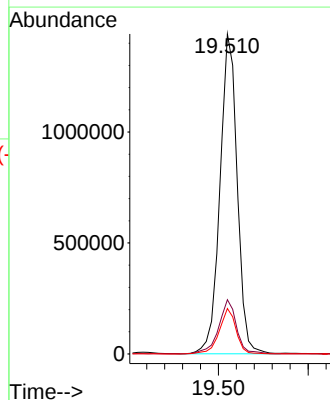
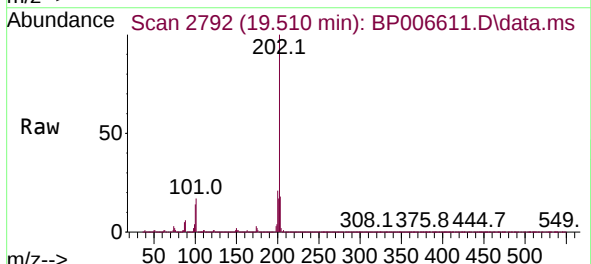
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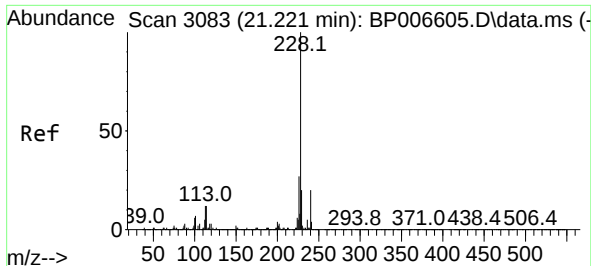
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#82
Pyrene
Concen: 36.248 ng/u1
RT: 19.510 min Scan# 2792
Delta R.T. 0.006 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

Tgt Ion:202 Resp: 1925235
Ion Ratio Lower Upper
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101 17.0 13.0 19.6
100 14.2 11.4 17.0





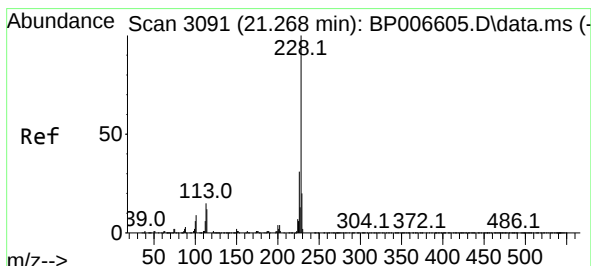
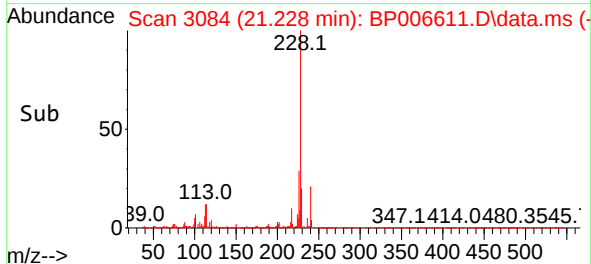
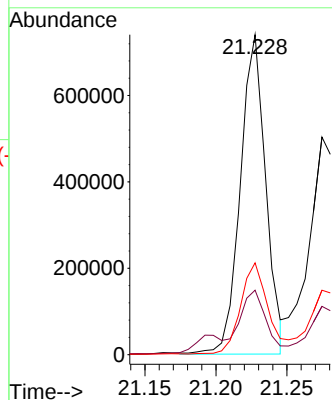
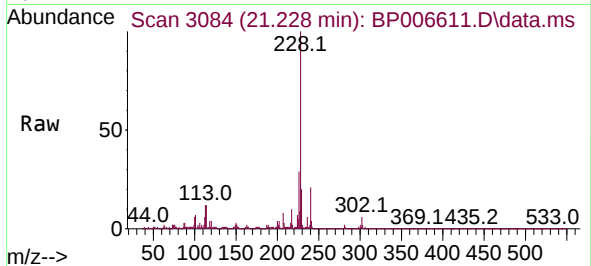
#85
Benzo(a)anthracene
Concen: 18.427 ng/ul
RT: 21.228 min Scan# 3084
Delta R.T. 0.012 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

Tgt Ion:228 Resp: 922138
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 28.7 21.2 31.8

Instrument :
BNA_P
ClientSampleId :
C00A3DL

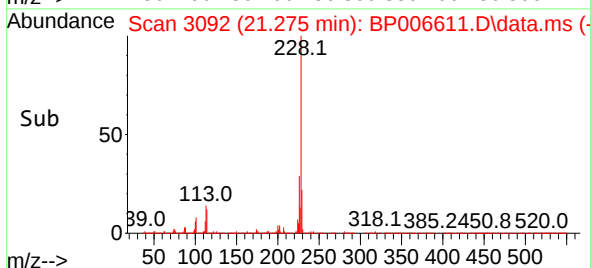
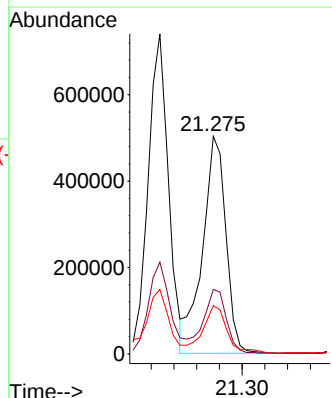
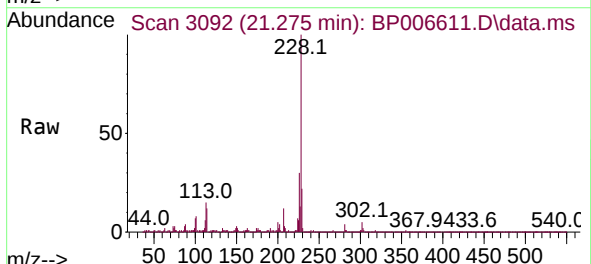
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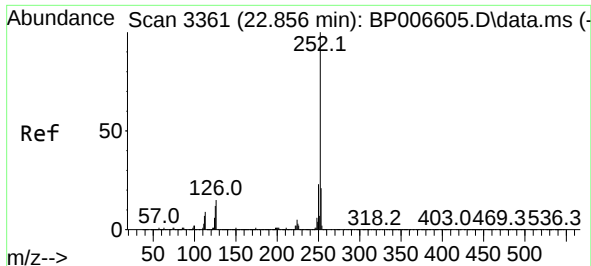
mohammad
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#87
Chrysene
Concen: 14.941 ng/ul
RT: 21.275 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

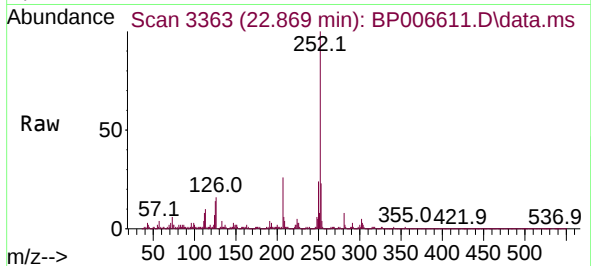
Tgt Ion:228 Resp: 716690
Ion Ratio Lower Upper
228 100
226 29.6 24.5 36.7
229 22.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 17.035 ng/ul
RT: 22.869 min Scan# 3363
Delta R.T. 0.018 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

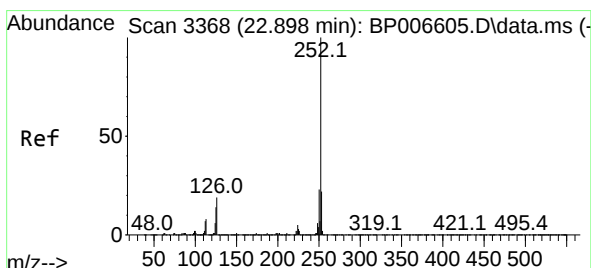
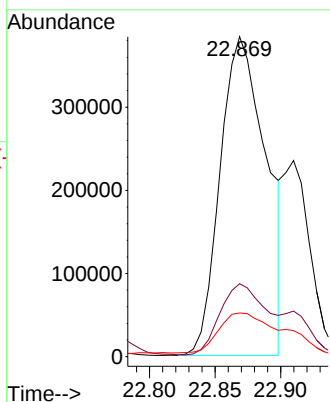
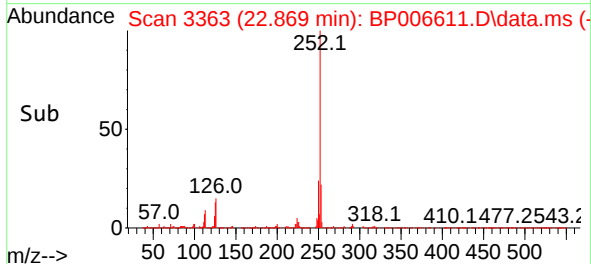
Instrument :
BNA_P
ClientSampled :
C00A3DL



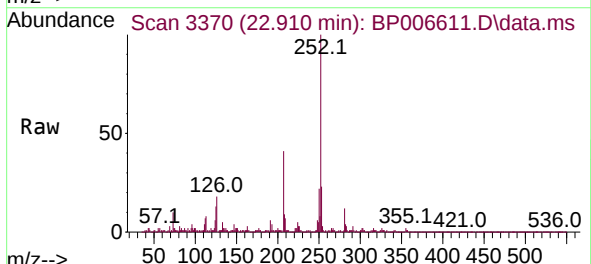
Tgt Ion:252 Resp: 935341
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 13.6 10.6 15.8

Manual Integrations
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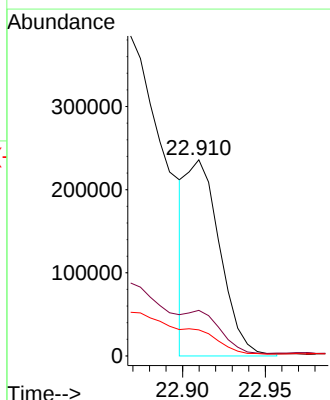
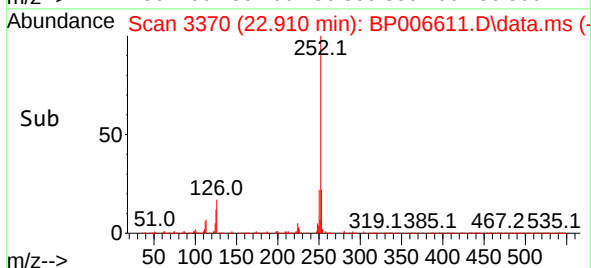
mohammad
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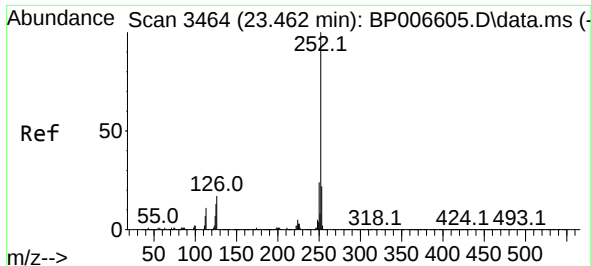


#91
Benzo(k)fluoranthene
Concen: 6.385 ng/ul m
RT: 22.910 min Scan# 3370
Delta R.T. 0.012 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30



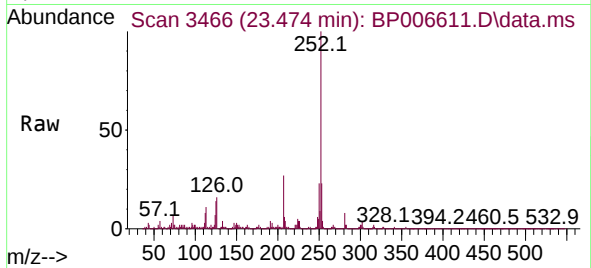
Tgt Ion:252 Resp: 332708
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 13.3 9.6 14.4





#93
Benzo(a)pyrene
Concen: 15.206 ng/ul
RT: 23.474 min Scan# 3466
Delta R.T. 0.018 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

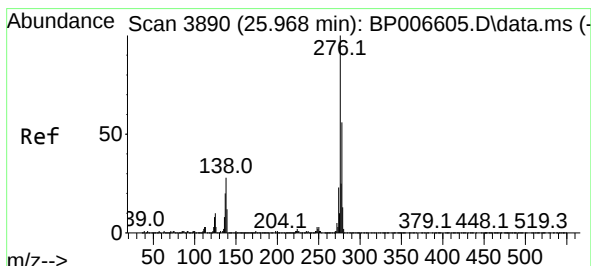
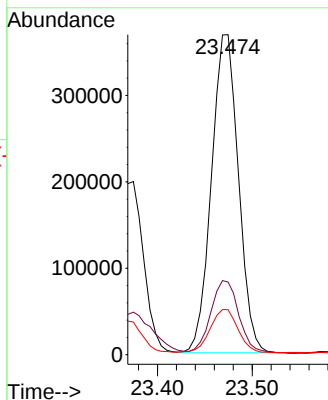
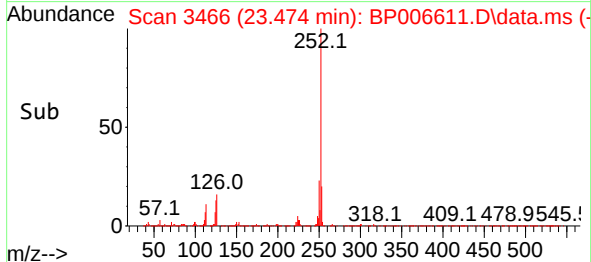
Instrument :
BNA_P
ClientSampleId :
C00A3DL



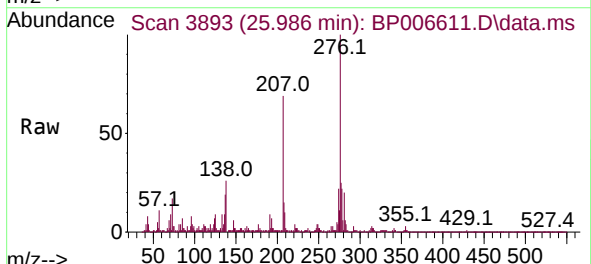
Tgt Ion:252 Resp: 729782
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 14.0 11.6 17.4

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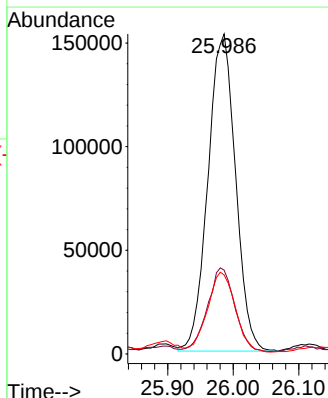
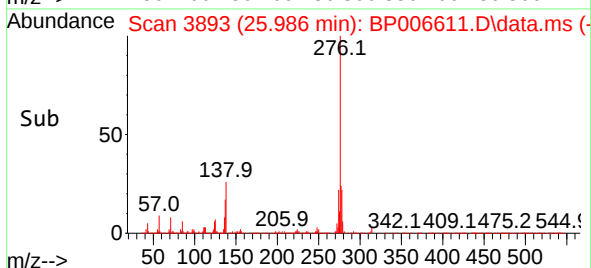
mohammad
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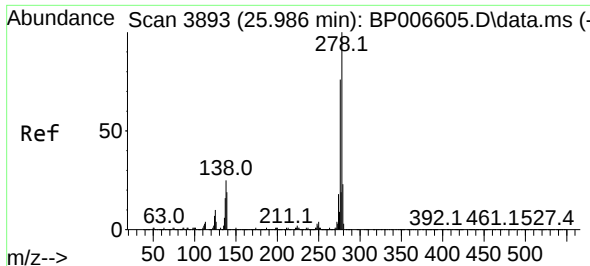


#94
Indeno(1,2,3-cd)pyrene
Concen: 7.265 ng/ul
RT: 25.986 min Scan# 3893
Delta R.T. 0.024 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30



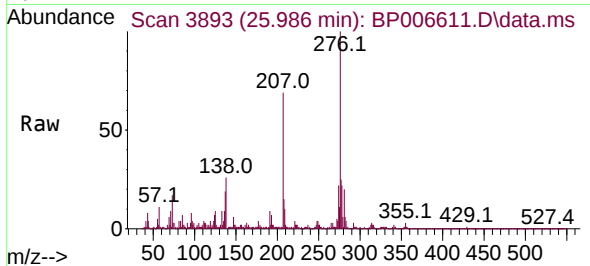
Tgt Ion:276 Resp: 446343
Ion Ratio Lower Upper
276 100
138 26.2 22.9 34.3
277 24.7 20.0 30.0





#95
Dibenzo(a,h)anthracene
Concen: 2.165 ng/ul
RT: 25.986 min Scan# 3893
Delta R.T. -0.000 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30

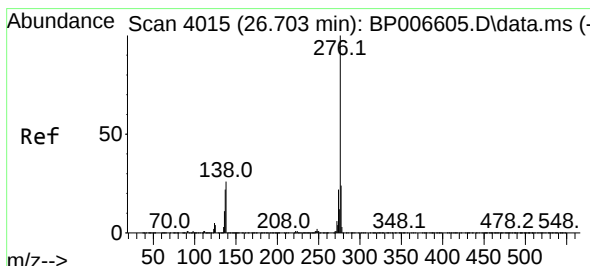
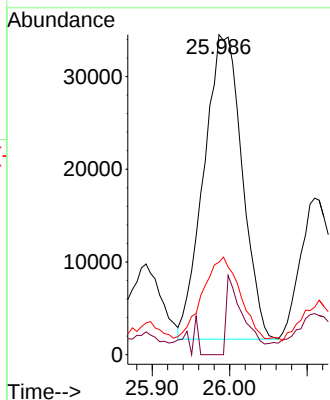
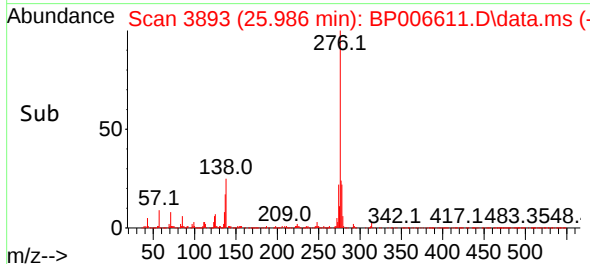
Instrument :
BNA_P
ClientSampleId :
C00A3DL



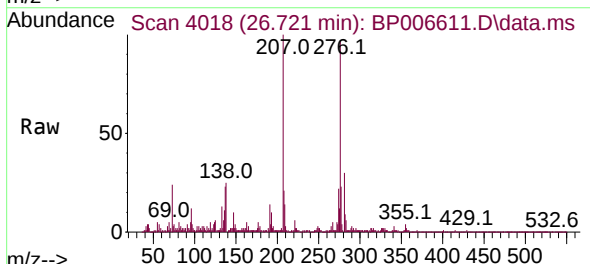
Tgt Ion:278 Resp: 112651
Ion Ratio Lower Upper
278 100
139 0.0 15.1 22.7#
279 28.9 19.0 28.6#

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 6.856 ng/ul
RT: 26.721 min Scan# 4018
Delta R.T. 0.018 min
Lab File: BP006611.D
Acq: 09 Aug 2021 13:30



Tgt Ion:276 Resp: 347993
Ion Ratio Lower Upper
276 100
138 25.7 20.4 30.6
277 23.4 18.6 27.8

