

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
 Data File : BP006613.D
 Acq On : 09 Aug 2021 15:01
 Operator : CG/JU
 Sample : M3169-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00C0

Manual Integrations
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Quant Time: Aug 09 16:41:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 09 16:04:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	201247	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	873616	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	481364	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188	904088	20.000	ng/ul	0.00
79) Chrysene-d12	21.239	240	859566	20.000	ng/ul	# 0.00
88) Perylene-d12	23.580	264	928122	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	9702	1.800	ng/uL	0.00
4) Pyridine-d5	3.687	84	90509	5.655	ng/ul	0.01
7) Phenol-d5	6.928	99	197526	10.451	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	129154	10.982	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	159029	11.325	ng/ul	0.00
15) 4-Methylphenol-d8	8.464	113	152939	10.289	ng/ul	0.00
21) Nitrobenzene-d5	8.905	128	81568	12.539	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	84979	13.682	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.158	165	143826	11.817	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	98350	4.908	ng/ul	0.00
46) Dimethylphthalate-d6	13.799	166	485116	14.160	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	601419	14.288	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	57185	8.406	ng/ul	0.01
60) Fluorene-d10	15.375	176	419474	14.565	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	26110	5.180	ng/ul	0.00
73) Anthracene-d10	17.234	188	614993	15.069	ng/ul	0.00
81) Pyrene-d10	19.481	212	676149	15.293	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.427	264	666871	14.139	ng/ul	0.02
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	12.199	142	33188	1.069	ng/ul	100
50) Acenaphthylene	14.104	152	207130	5.053	ng/ul	99
56) Dibenzofuran	14.781	168	60498	1.500	ng/ul	95
61) Fluorene	15.434	166	133468	4.023	ng/ul#	98
72) Phenanthrene	17.181	178	1439448	29.651	ng/ul	99
74) Anthracene	17.269	178	319732	6.495	ng/ul	97
77) Carbazole	17.545	167	79941	1.775	ng/ul#	91
80) Fluoranthene	19.157	202	1818364	33.378	ng/ul	98
82) Pyrene	19.510	202	1355359	23.976	ng/ul	97
85) Benzo(a)anthracene	21.228	228	778088	14.608	ng/ul#	88
87) Chrysene	21.275	228	729102	14.281	ng/ul#	94
90) Benzo(b)fluoranthene	22.869	252	866704	14.702	ng/ul#	86
91) Benzo(k)fluoranthene	22.910	252	254572m	4.550	ng/ul	
93) Benzo(a)pyrene	23.474	252	527040	10.228	ng/ul#	85
94) Indeno(1,2,3-cd)pyrene	25.992	276	373520	5.663	ng/ul	96
95) Dibenzo(a,h)anthracene	26.004	278	109534	1.961	ng/ul#	53
96) Benzo(g,h,i)perylene	26.739	276	85090	1.561	ng/ul#	68

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

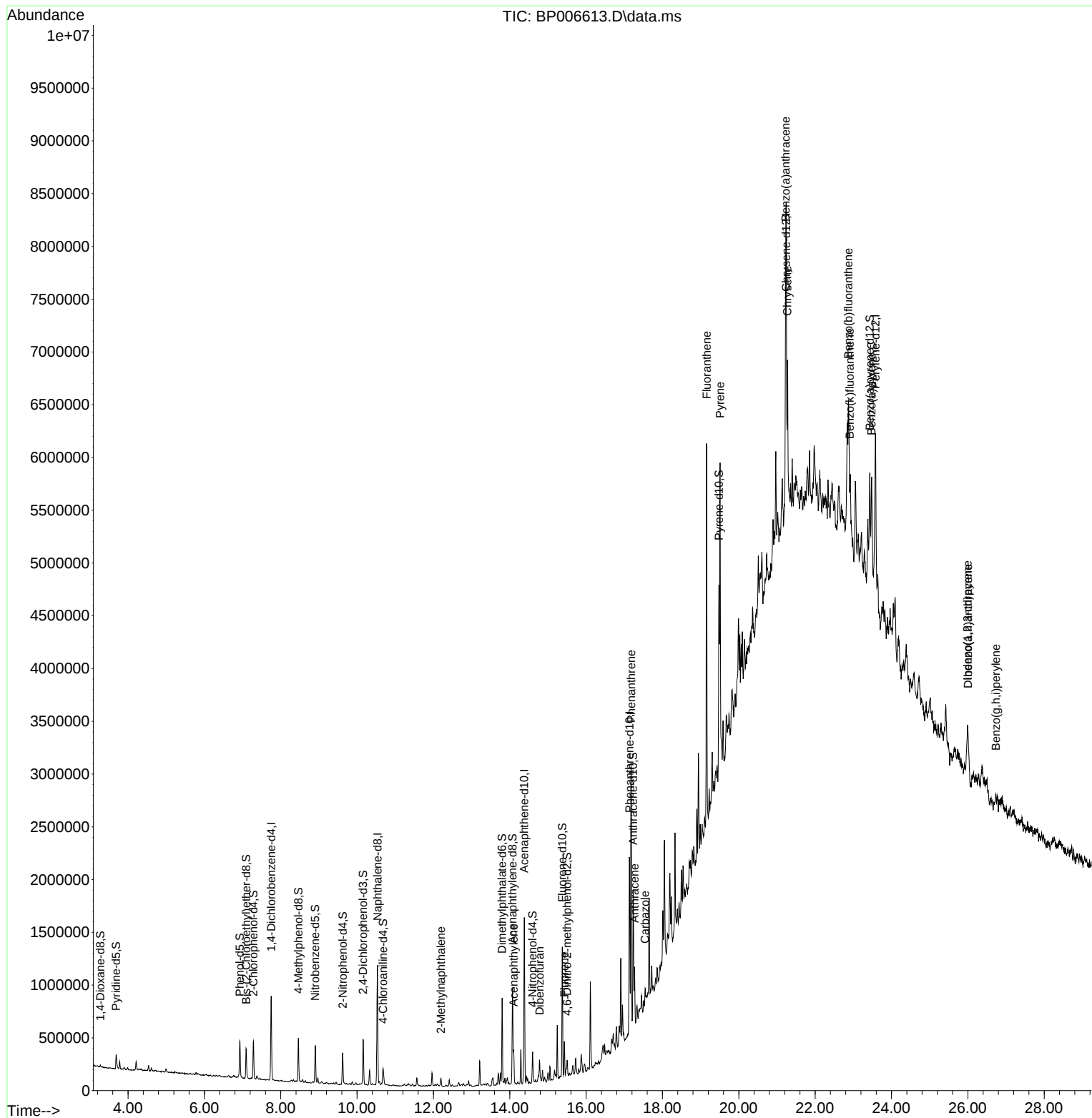
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Data File : BP006613.D
Acq On : 09 Aug 2021 15:01
Operator : CG/JU
Sample : M3169-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

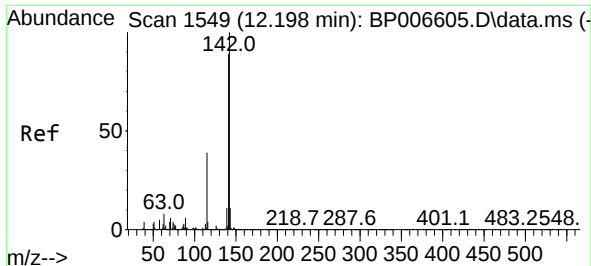
Instrument :
BNA_P
ClientSampled :
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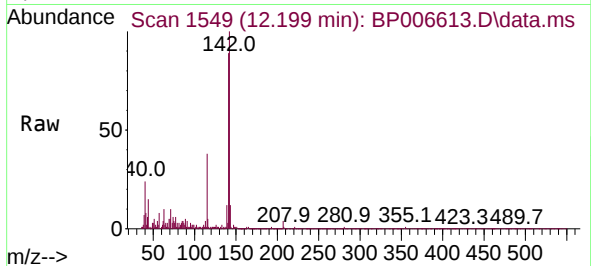
Quant Time: Aug 09 16:41:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 16:04:34 2021
Response via : Initial Calibration





#36
2-Methylnaphthalene
Concen: 1.069 ng/ul
RT: 12.199 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01

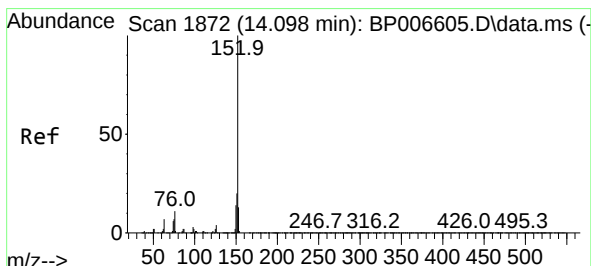
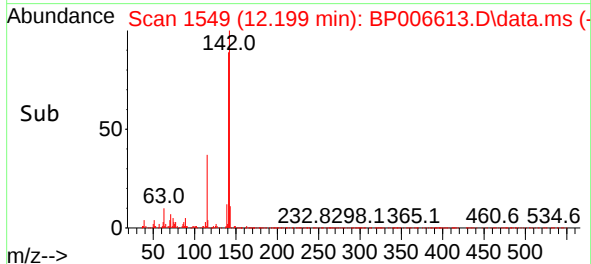
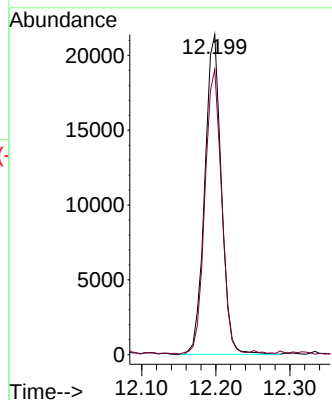
Instrument :
BNA_P
ClientSampled :
C00C0



Tgt Ion:142 Resp: 33188
Ion Ratio Lower Upper
142 100
141 89.2 71.5 107.3

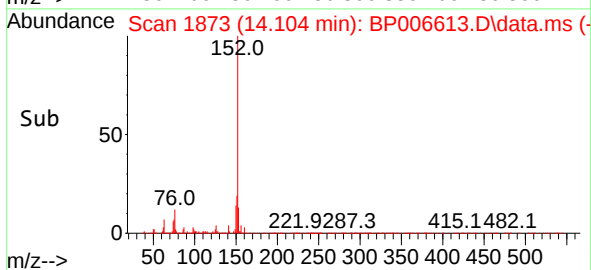
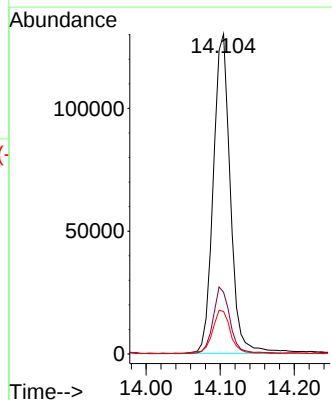
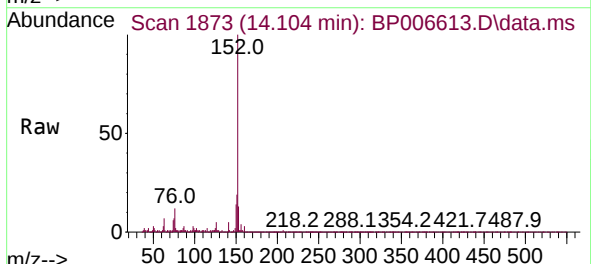
Manual Integrations
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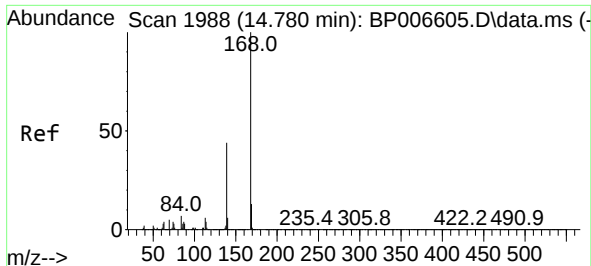
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#50
Acenaphthylene
Concen: 5.053 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01

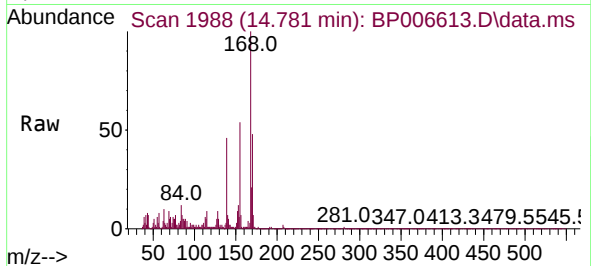
Tgt Ion:152 Resp: 207130
Ion Ratio Lower Upper
152 100
151 19.3 16.0 24.0
153 13.3 10.3 15.5





#56
Dibenzofuran
Concen: 1.500 ng/ul
RT: 14.781 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01

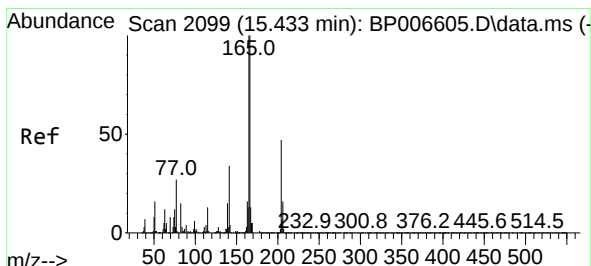
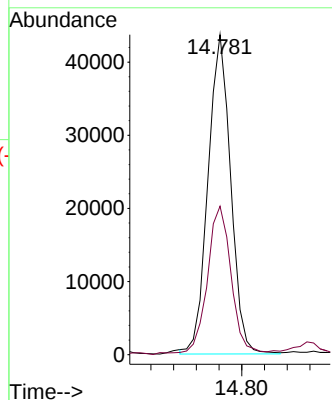
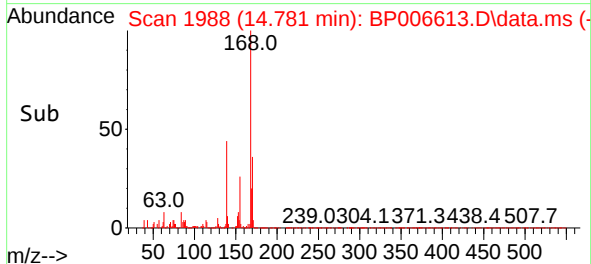
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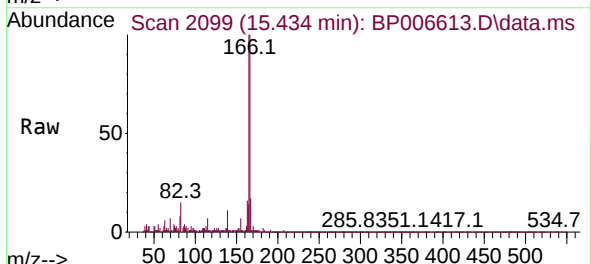
Tgt Ion:168 Resp: 60498
Ion Ratio Lower Upper
168 100
139 46.4 34.6 52.0

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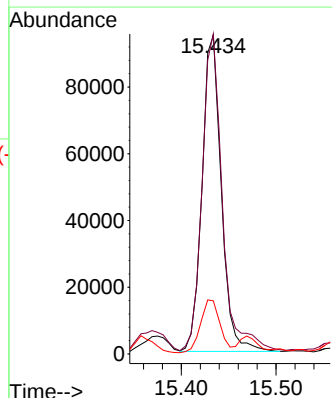
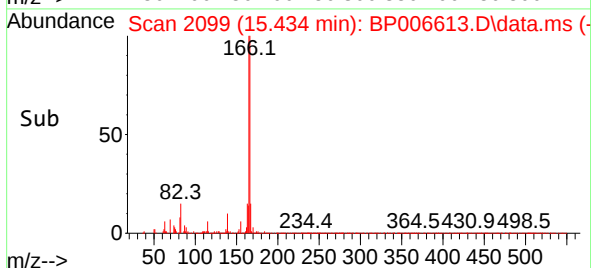
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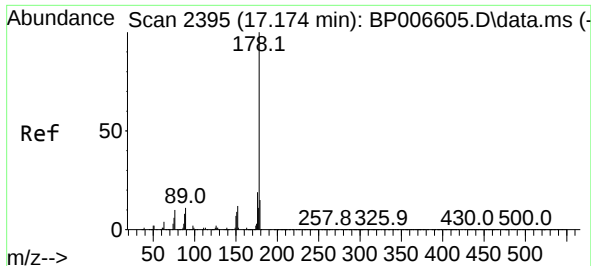


#61
Fluorene
Concen: 4.023 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01



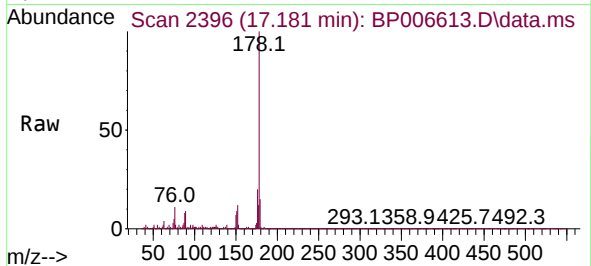
Tgt Ion:166 Resp: 133468
Ion Ratio Lower Upper
166 100
165 100.4 79.4 119.2
167 16.7 10.6 16.0#





#72
Phenanthrene
Concen: 29.651 ng/u1
RT: 17.181 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01

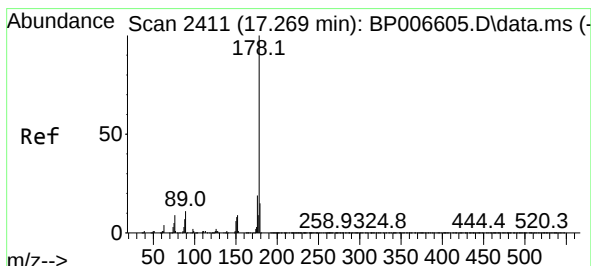
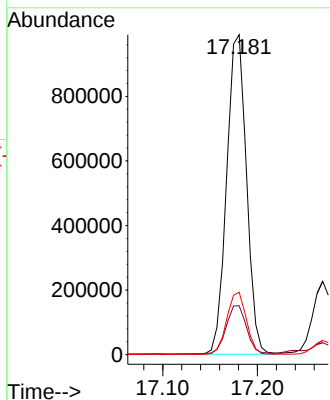
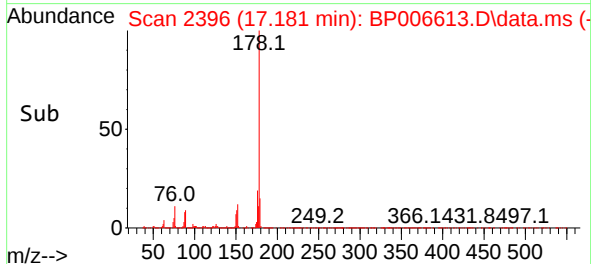
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BNA_P
ClientSampled :
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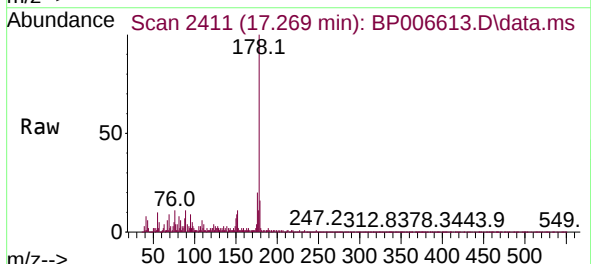
Tgt Ion:178 Resp: 1439448
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.5 15.2 22.8

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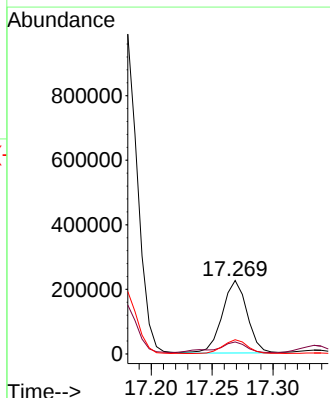
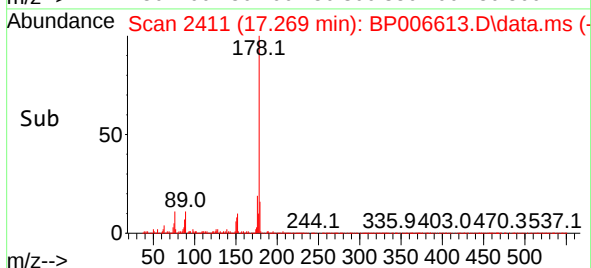
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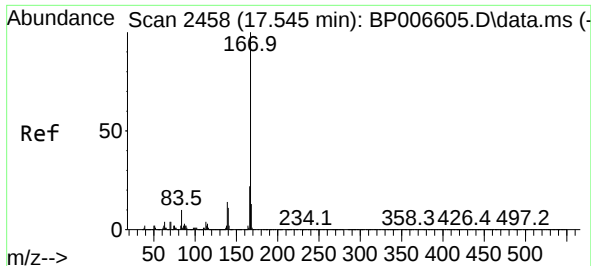


#74
Anthracene
Concen: 6.495 ng/u1
RT: 17.269 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01



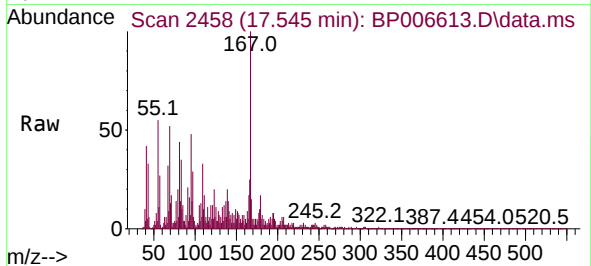
Tgt Ion:178 Resp: 319732
Ion Ratio Lower Upper
178 100
179 16.3 12.0 18.0
176 19.5 14.7 22.1





#77
 Carbazole
 Concen: 1.775 ng/ul
 RT: 17.545 min Scan# 2458
 Delta R.T. -0.000 min
 Lab File: BP006613.D
 Acq: 09 Aug 2021 15:01

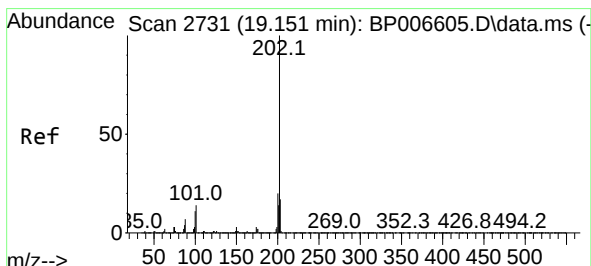
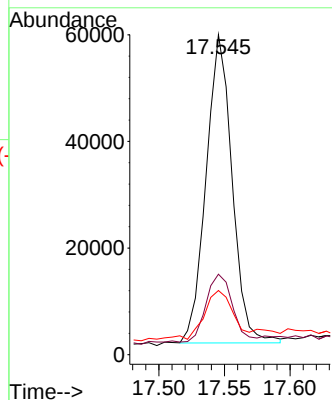
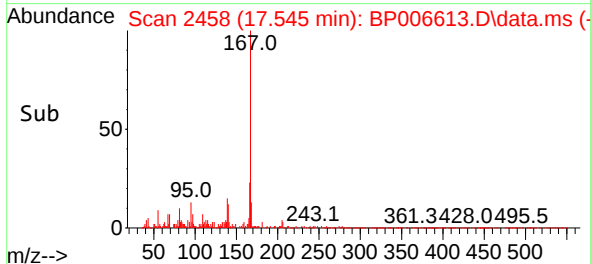
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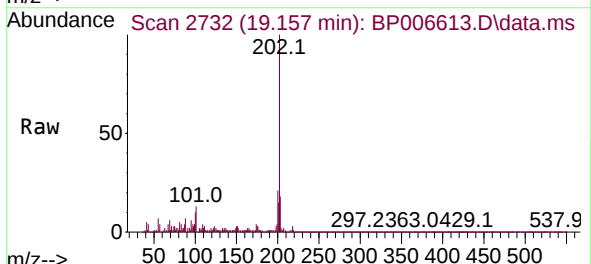
Tgt Ion:167 Resp: 79941
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.7 26.5
 139 20.1 11.7 17.5#

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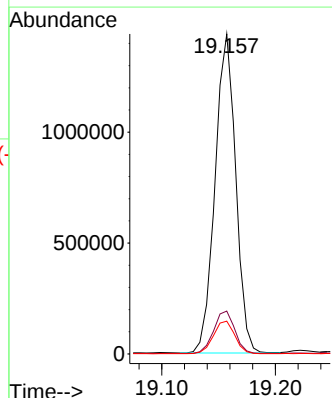
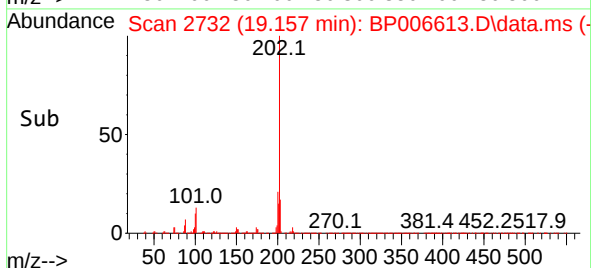
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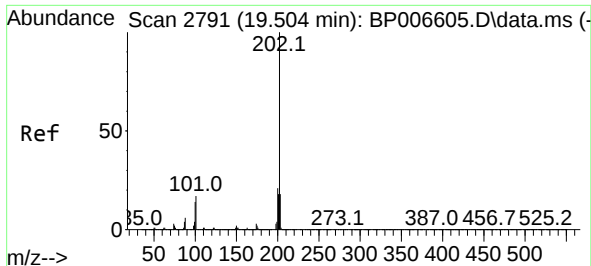


#80
 Fluoranthene
 Concen: 33.378 ng/ul
 RT: 19.157 min Scan# 2732
 Delta R.T. 0.006 min
 Lab File: BP006613.D
 Acq: 09 Aug 2021 15:01



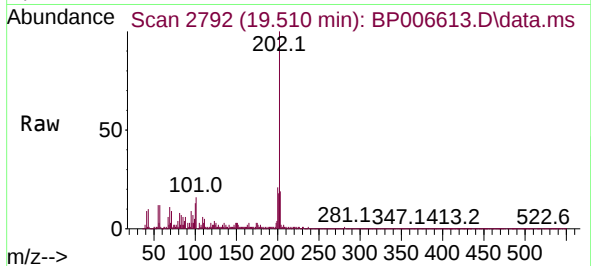
Tgt Ion:202 Resp: 1818364
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.2 16.8
 100 10.2 8.7 13.1





#82
Pyrene
Concen: 23.976 ng/ul
RT: 19.510 min Scan# 2792
Delta R.T. 0.006 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01

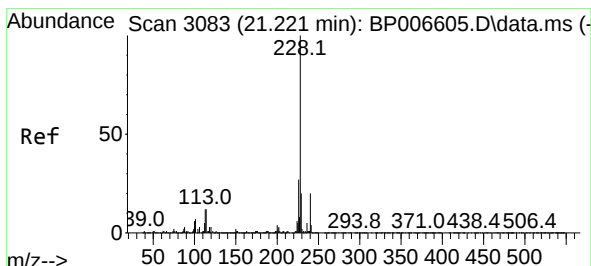
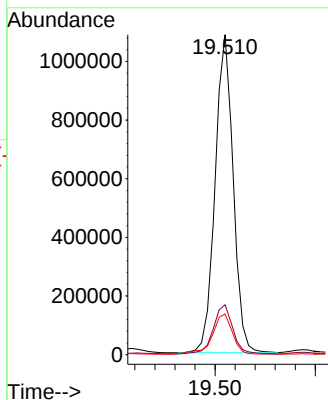
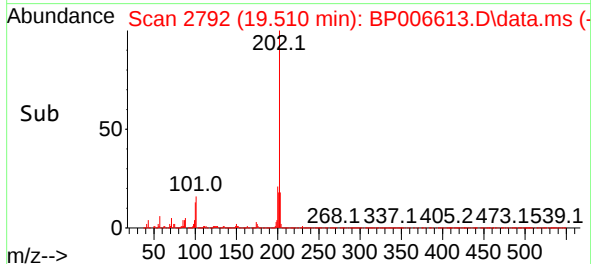
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ClientSampleId :
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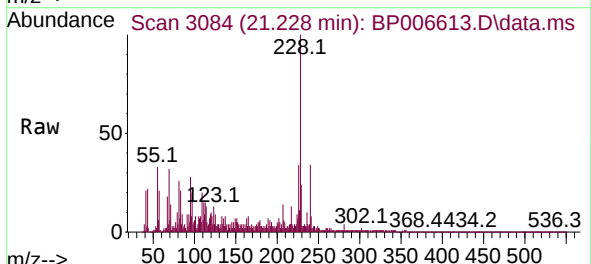
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Ion Ratio Lower Upper
202 100
101 15.6 13.0 19.6
100 12.7 11.4 17.0

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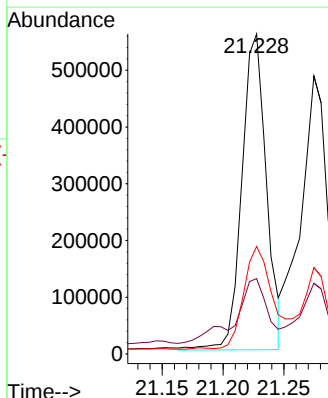
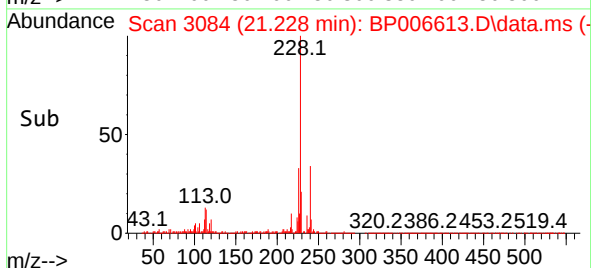
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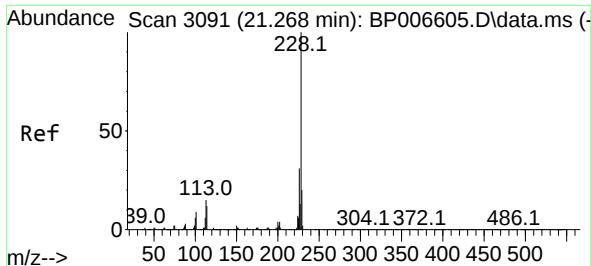


#85
Benzo(a)anthracene
Concen: 14.608 ng/ul
RT: 21.228 min Scan# 3084
Delta R.T. 0.012 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01



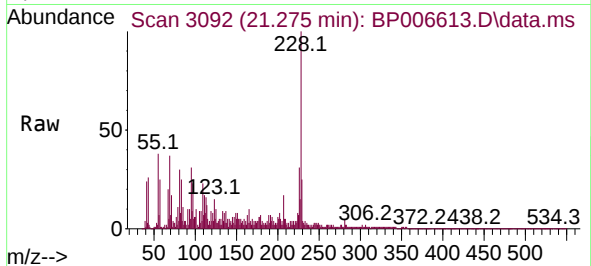
Tgt Ion:228 Resp: 778088
Ion Ratio Lower Upper
228 100
229 23.5 15.6 23.4#
226 33.6 21.2 31.8#





#87
Chrysene
Concen: 14.281 ng/ul
RT: 21.275 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01

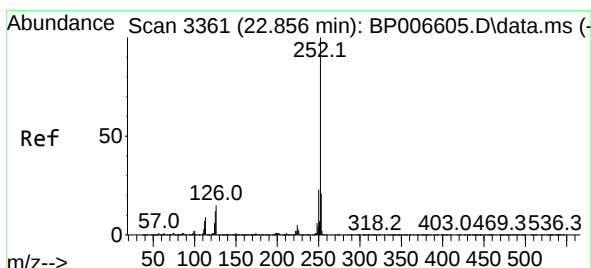
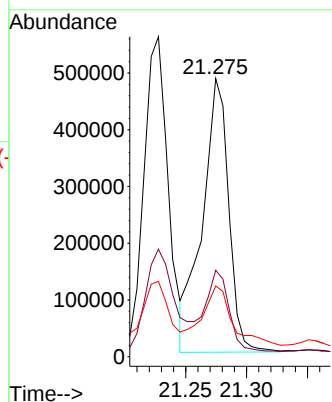
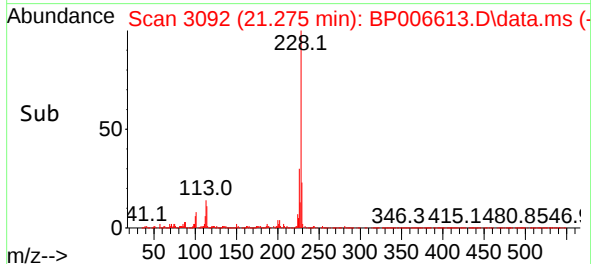
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ClientSampled :
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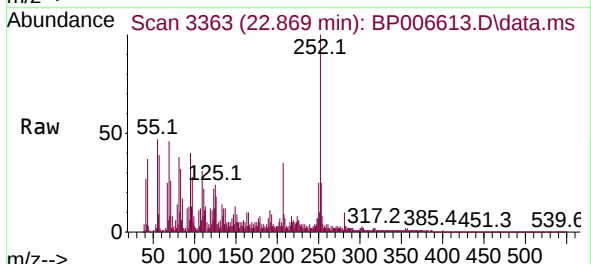
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Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 25.4 15.5 23.3#

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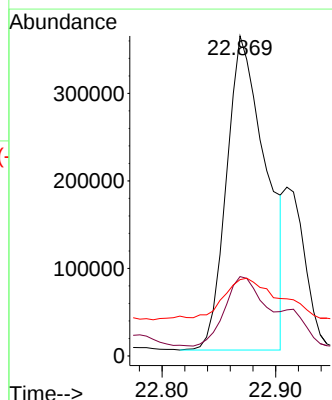
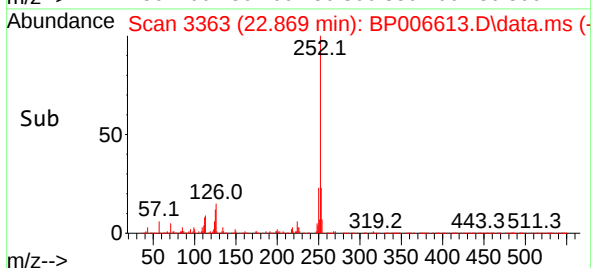
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8/11/2021 9:24:11 PM

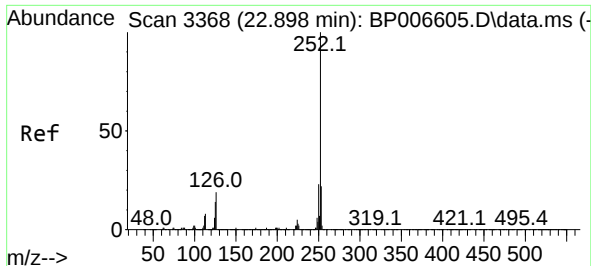


#90
Benzo(b)fluoranthene
Concen: 14.702 ng/ul
RT: 22.869 min Scan# 3363
Delta R.T. 0.018 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01



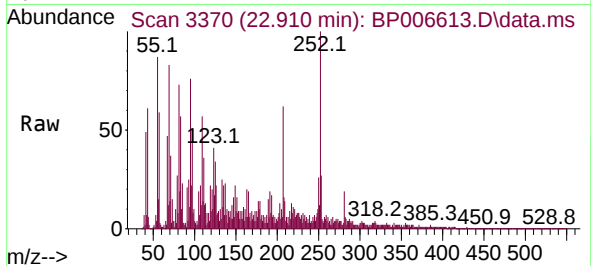
Tgt Ion:252 Resp: 866704
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.2
125 23.9 10.6 15.8#





#91
Benzo(k)fluoranthene
Concen: 4.550 ng/ul m
RT: 22.910 min Scan# 3370
Delta R.T. 0.012 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01

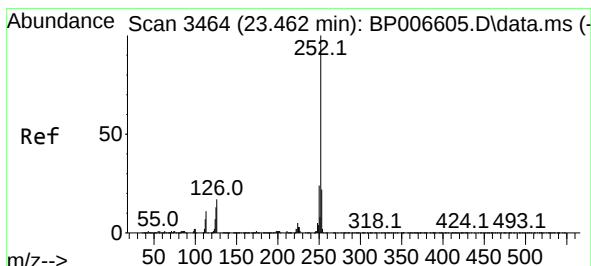
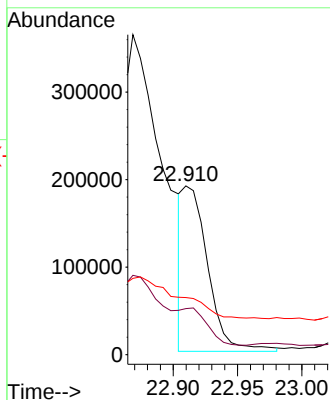
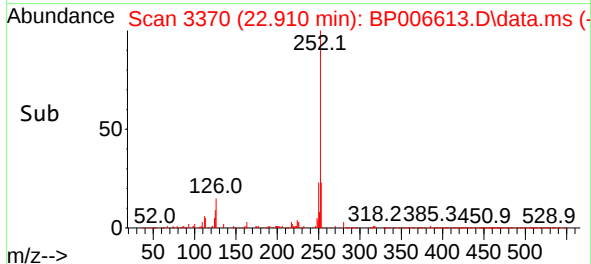
Instrument :
BNA_P
ClientSampled :
C00C0



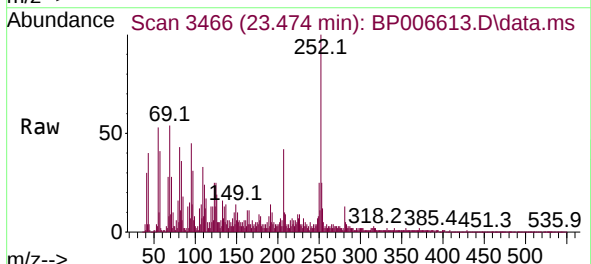
Tgt Ion:252 Resp: 254572
Ion Ratio Lower Upper
252 100
253 27.3 17.7 26.5#
125 33.8 9.6 14.4#

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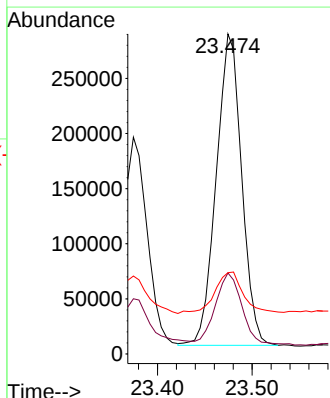
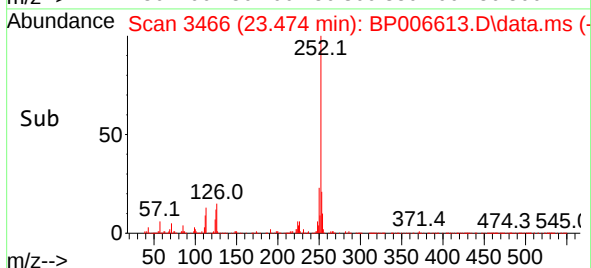
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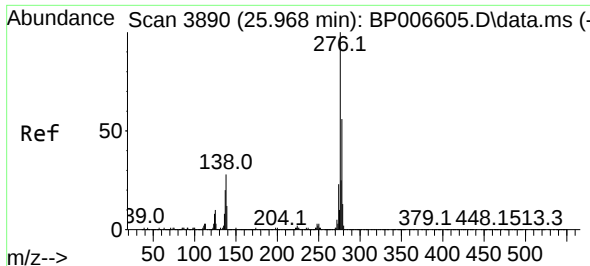


#93
Benzo(a)pyrene
Concen: 10.228 ng/ul
RT: 23.474 min Scan# 3466
Delta R.T. 0.018 min
Lab File: BP006613.D
Acq: 09 Aug 2021 15:01



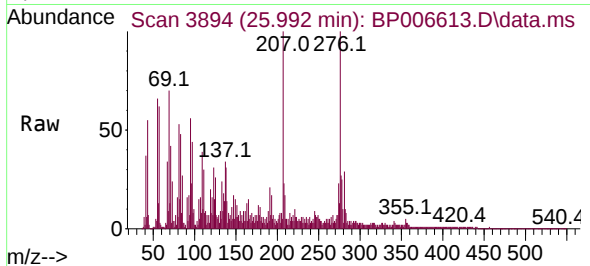
Tgt Ion:252 Resp: 527040
Ion Ratio Lower Upper
252 100
253 25.3 17.5 26.3
125 25.4 11.6 17.4#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 5.663 ng/ul
 RT: 25.992 min Scan# 3894
 Delta R.T. 0.029 min
 Lab File: BP006613.D
 Acq: 09 Aug 2021 15:01

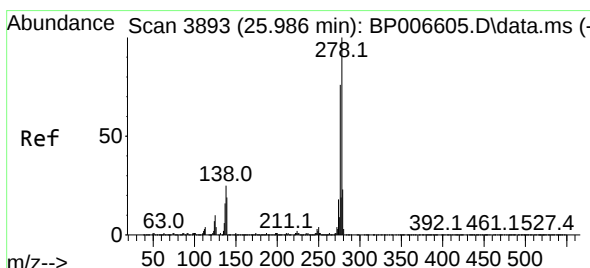
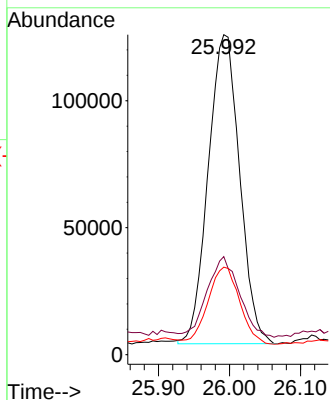
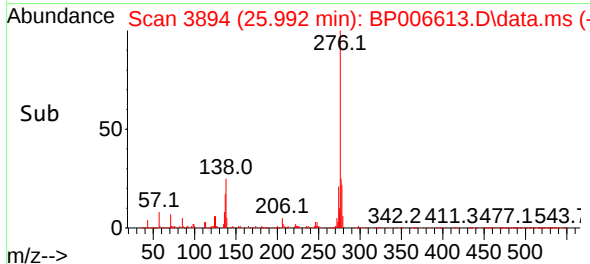
Instrument :
 BNA_P
 ClientSampled :
 C00C0



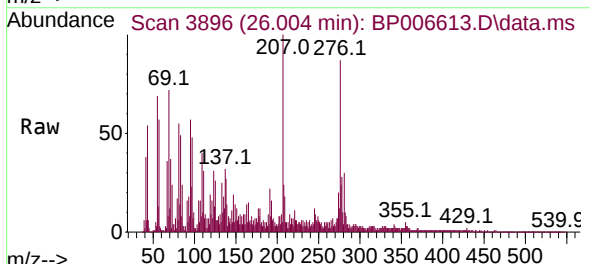
Tgt Ion: 276 Resp: 373520
 Ion Ratio Lower Upper
 276 100
 138 30.6 22.9 34.3
 277 27.4 20.0 30.0

Manual Integrations
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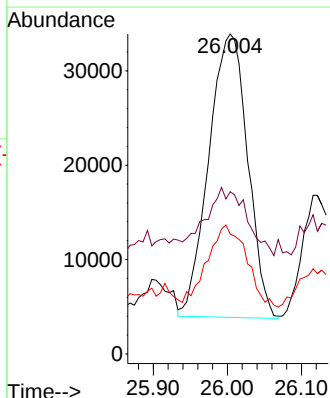
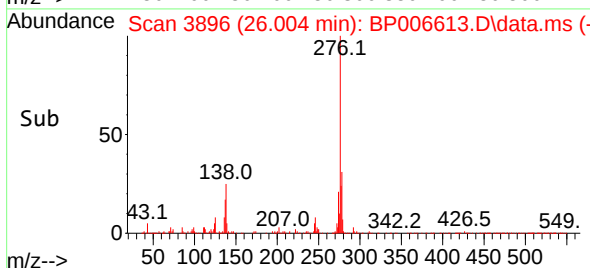
mohammad
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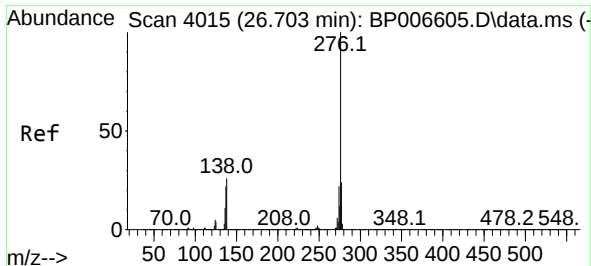


#95
 Dibenzo(a,h)anthracene
 Concen: 1.961 ng/ul
 RT: 26.004 min Scan# 3896
 Delta R.T. 0.018 min
 Lab File: BP006613.D
 Acq: 09 Aug 2021 15:01

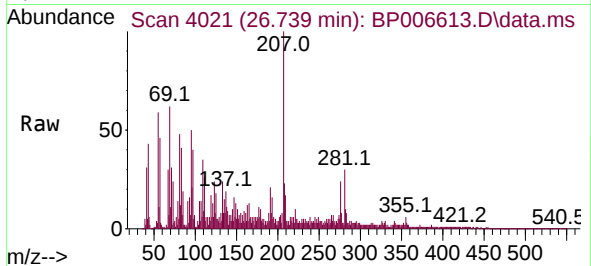


Tgt Ion: 278 Resp: 109534
 Ion Ratio Lower Upper
 278 100
 139 50.7 15.1 22.7#
 279 37.4 19.0 28.6#

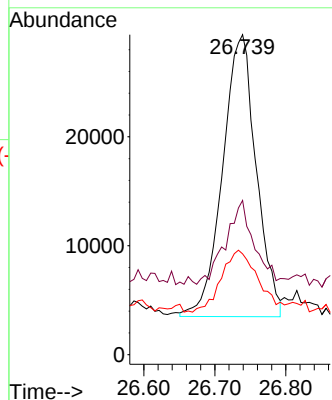
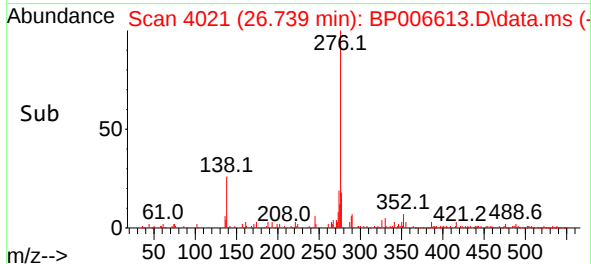




#96
 Benzo(g,h,i)perylene
 Concen: 1.561 ng/ul
 RT: 26.739 min Scan# 4021
 Delta R.T. 0.035 min
 Lab File: BP006613.D
 Acq: 09 Aug 2021 15:01



Tgt Ion:	276	Resp:	85090
Ion Ratio	Lower	Upper	
276	100		
138	48.2	20.4	30.6#
277	31.5	18.6	27.8#



Instrument :
 BNA_P
 ClientSampleId :
 C00C0

Manual Integrations
 APPROVED

mohammad
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