

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
 Data File : BP006661.D
 Acq On : 12 Aug 2021 11:36
 Operator : CG/JU
 Sample : M3287-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGB03DL

Manual Integrations
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Quant Time: Aug 12 11:50:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 12 11:07:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	160749	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	697768	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	414280	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	836594	20.000	ng/u1	0.00
79) Chrysene-d12	21.216	240	812385	20.000	ng/u1	0.00
88) Perylene-d12	23.527	264	865181	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	4297	0.904	ng/uL	0.00
4) Pyridine-d5	3.640	84	28109	2.057	ng/u1	0.01
7) Phenol-d5	6.893	99	56100	3.472	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	40734	4.102	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	46354	3.851	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	37790	2.927	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	24438	4.126	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	24406	3.938	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	40471	3.865	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	45727	2.687	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	150321	4.731	ng/u1	0.00
49) Acenaphthylene-d8	14.039	160	175837	4.512	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	15026	2.264	ng/u1	0.00
60) Fluorene-d10	15.345	176	125450	4.855	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	12375	2.238	ng/u1	0.00
73) Anthracene-d10	17.210	188	196384	4.961	ng/u1	0.00
81) Pyrene-d10	19.451	212	227068	5.323	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.380	264	228185	4.891	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.069	152	55196	1.449	ng/u1	99
52) Acenaphthene	14.416	153	72583	2.672	ng/u1	97
56) Dibenzofuran	14.751	168	64329	1.771	ng/u1	99
61) Fluorene	15.404	166	142729	4.713	ng/u1	99
72) Phenanthrene	17.151	178	819836	17.347	ng/u1	100
74) Anthracene	17.239	178	989250	20.612	ng/u1	100
77) Carbazole	17.516	167	222047	4.954	ng/u1	99
80) Fluoranthene	19.133	202	1493767	27.858	ng/u1	99
82) Pyrene	19.486	202	1519168	27.430	ng/u1	99
85) Benzo(a)anthracene	21.198	228	546402	10.326	ng/u1	96
87) Chrysene	21.251	228	764703	14.989	ng/u1	98
90) Benzo(b)fluoranthene	22.827	252	720998	12.828	ng/u1	97
91) Benzo(k)fluoranthene	22.868	252	224285m	4.122	ng/u1	
93) Benzo(a)pyrene	23.427	252	413437	8.120	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.909	276	225755	3.391	ng/u1	97
95) Dibenzo(a,h)anthracene	25.921	278	60939	1.090	ng/u1#	83
96) Benzo(g,h,i)perylene	26.639	276	183790	3.325	ng/u1	98

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

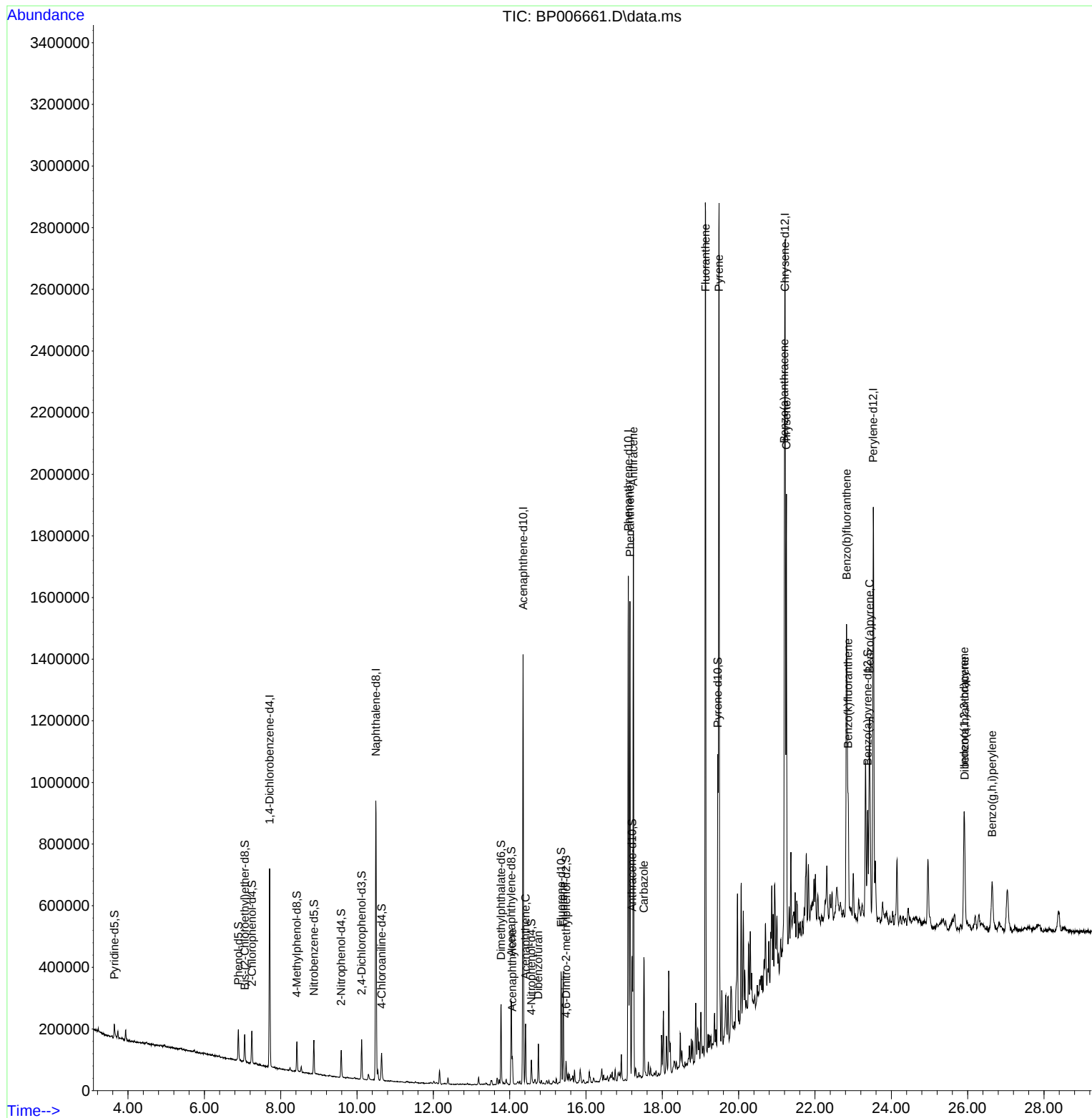
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006661.D
Acq On : 12 Aug 2021 11:36
Operator : CG/JU
Sample : M3287-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

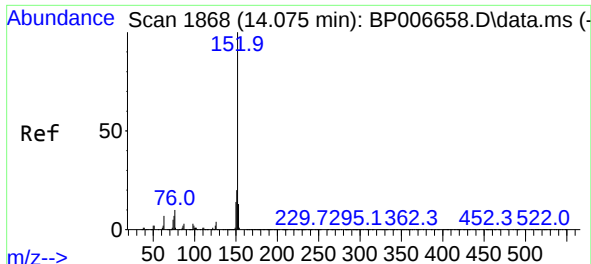
Instrument :
BNA_P
ClientSampled :
BGB03DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





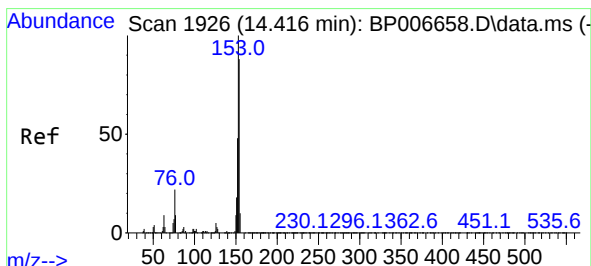
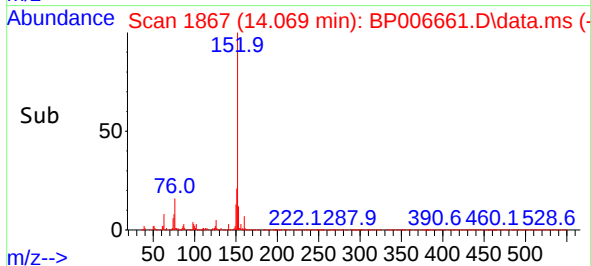
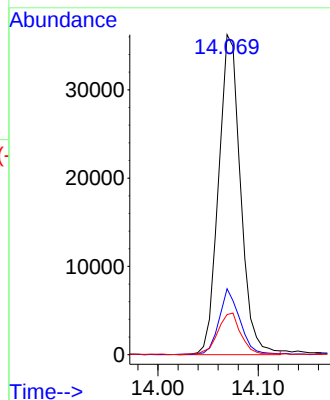
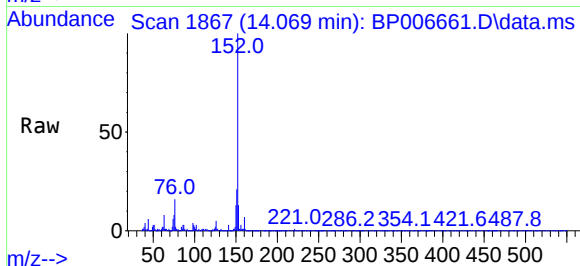
#50
Acenaphthylene
Concen: 1.449 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

Tgt Ion:	152	Resp:	55196
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.0	24.0
153	12.6	10.3	15.5

Instrument :
BNA_P
ClientSampleId :
BGB03DL

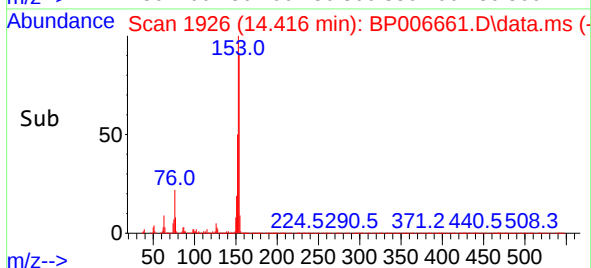
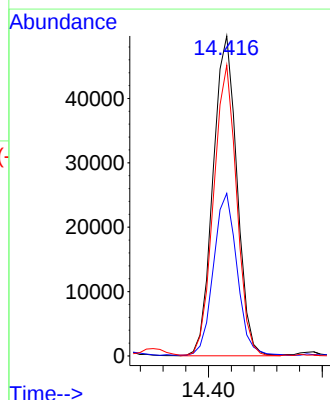
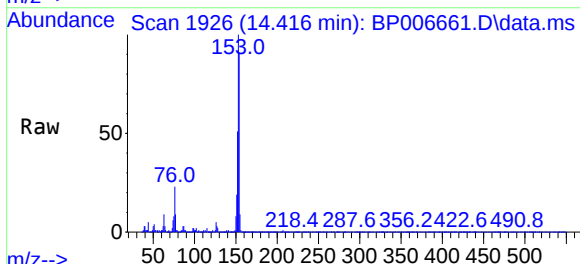
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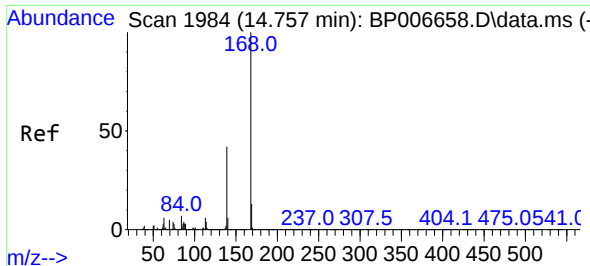
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#52
Acenaphthene
Concen: 2.672 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

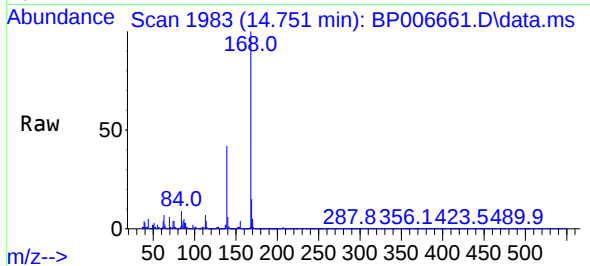
Tgt Ion:	153	Resp:	72583
Ion Ratio	Lower	Upper	
153	100		
152	50.8	38.2	57.2
154	90.9	70.7	106.1





#56
Dibenzofuran
Concen: 1.771 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

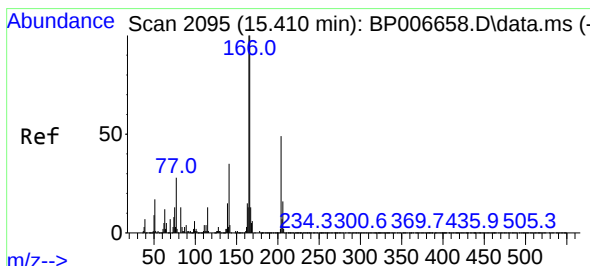
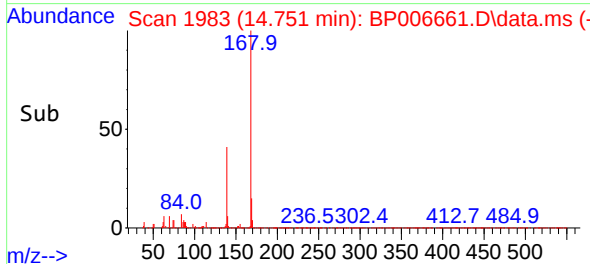
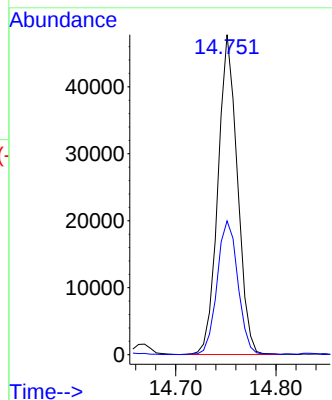
Instrument :
BNA_P
ClientSampleID :
BGB03DL



Tgt Ion:168 Resp: 64329
Ion Ratio Lower Upper
168 100
139 41.8 33.9 50.9

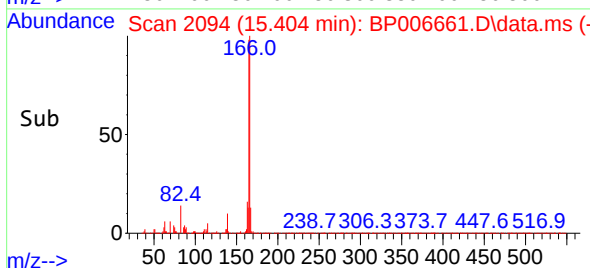
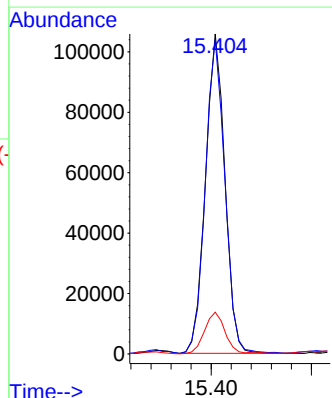
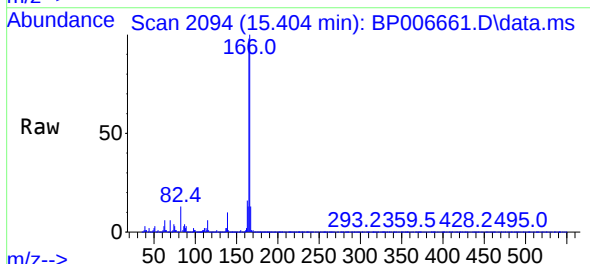
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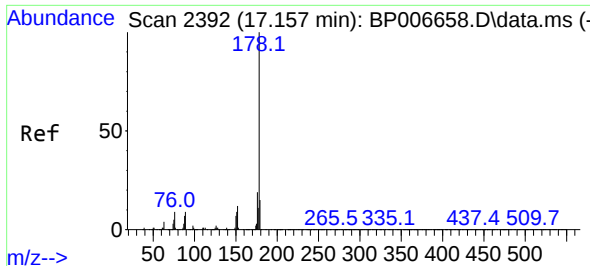
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#61
Fluorene
Concen: 4.713 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

Tgt Ion:166 Resp: 142729
Ion Ratio Lower Upper
166 100
165 98.3 79.6 119.4
167 13.0 10.6 15.8





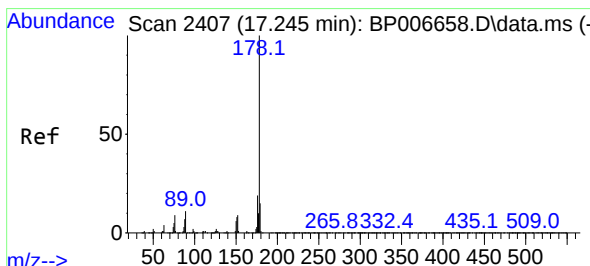
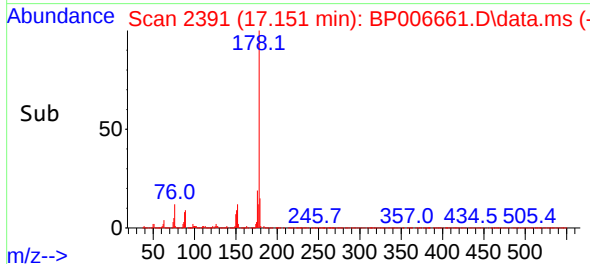
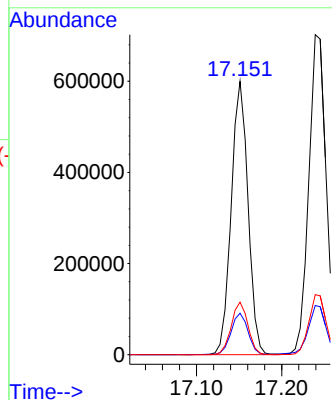
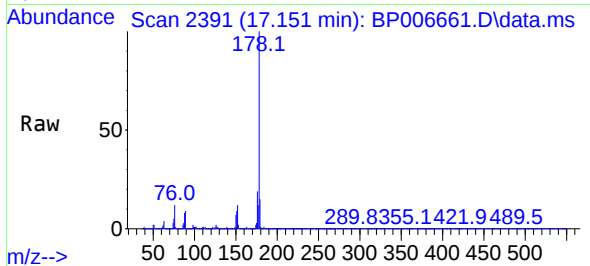
#72
Phenanthrene
Concen: 17.347 ng/ul
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

Tgt Ion:178 Resp: 819836
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 19.2 15.2 22.8

Instrument :
BNA_P
ClientSampleId :
BGB03DL

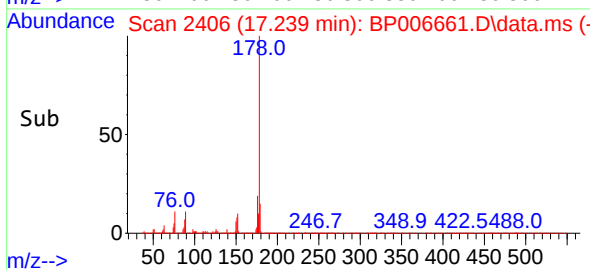
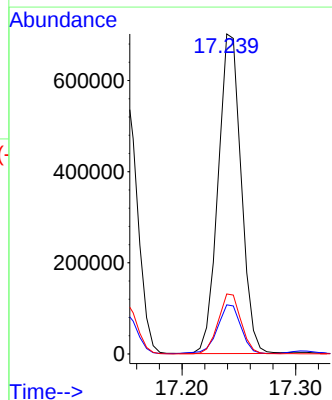
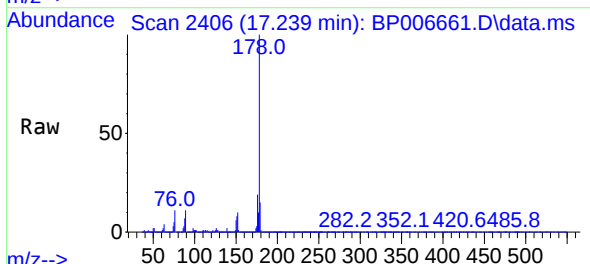
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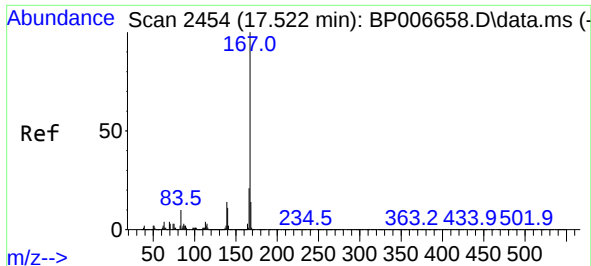
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#74
Anthracene
Concen: 20.612 ng/ul
RT: 17.239 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

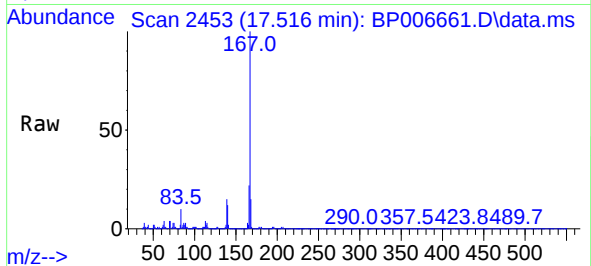
Tgt Ion:178 Resp: 989250
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.7 15.0 22.6





#77
 Carbazole
 Concen: 4.954 ng/ul
 RT: 17.516 min Scan# 2453
 Delta R.T. -0.006 min
 Lab File: BP006661.D
 Acq: 12 Aug 2021 11:36

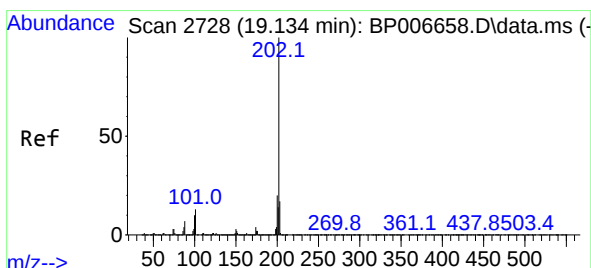
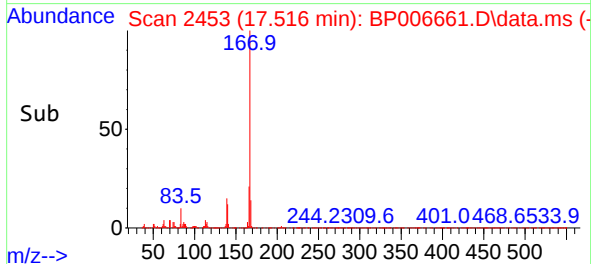
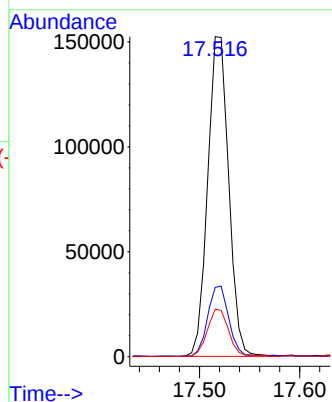
Instrument :
 BNA_P
 ClientSampleID :
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Tgt Ion:167 Resp: 222047
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 14.8 11.5 17.3

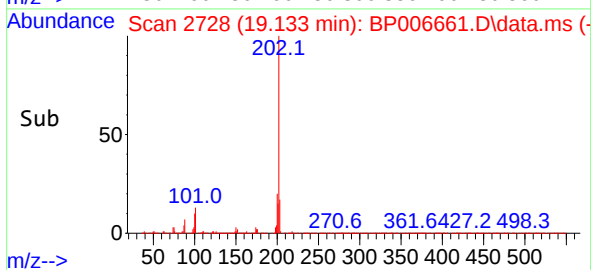
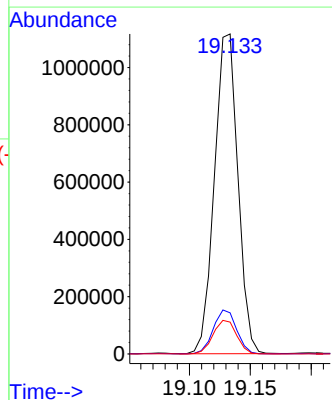
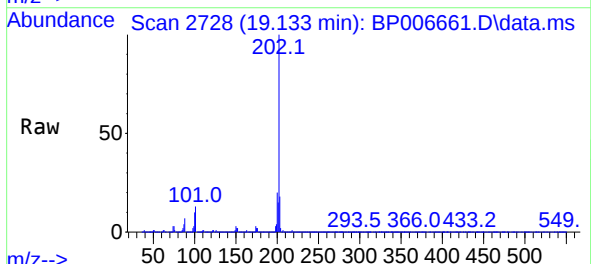
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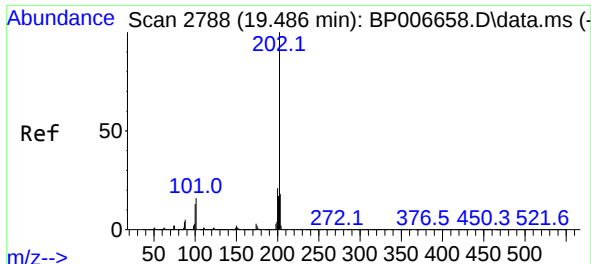
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#80
 Fluoranthene
 Concen: 27.858 ng/ul
 RT: 19.133 min Scan# 2728
 Delta R.T. -0.000 min
 Lab File: BP006661.D
 Acq: 12 Aug 2021 11:36

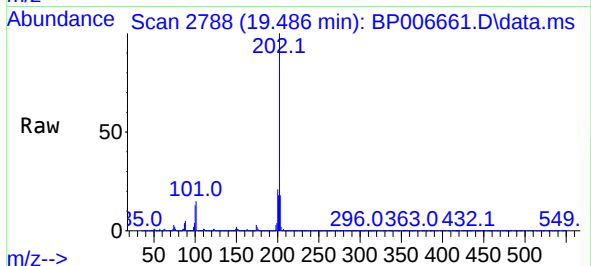
Tgt Ion:202 Resp: 1493767
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.8 16.2
 100 10.0 8.2 12.4





#82
Pyrene
Concen: 27.430 ng/ul
RT: 19.486 min Scan# 2788
Delta R.T. -0.000 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

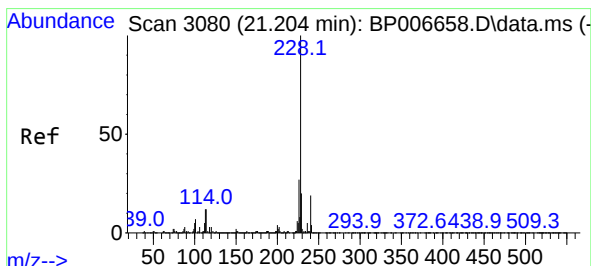
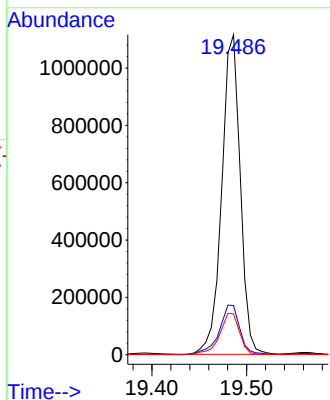
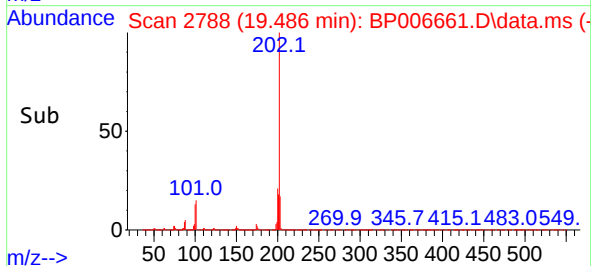
Instrument :
BNA_P
ClientSampleID :
BGB03DL



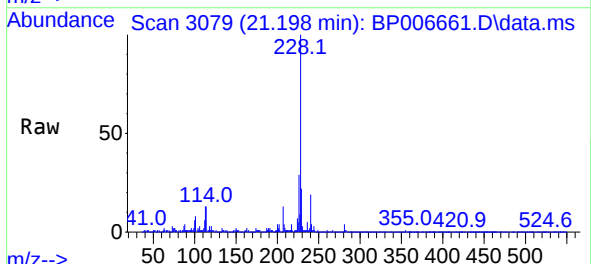
Tgt Ion:202 Resp: 1519168
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 12.8 10.5 15.7

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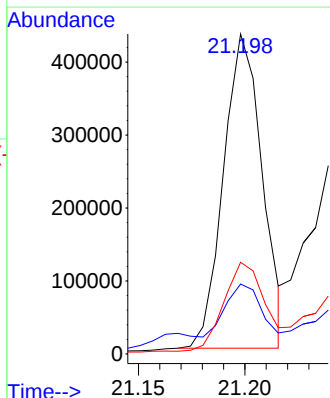
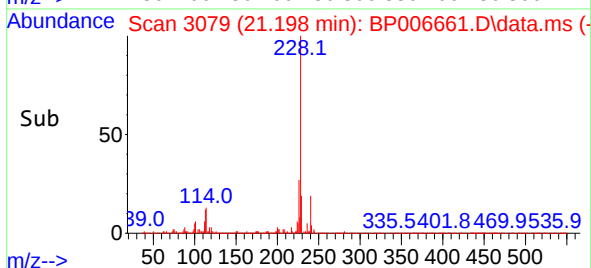
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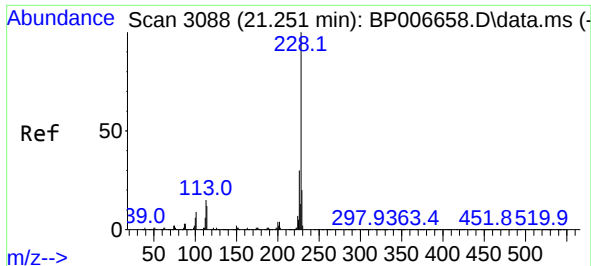


#85
Benzo(a)anthracene
Concen: 10.326 ng/ul
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36



Tgt Ion:228 Resp: 546402
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 28.6 21.6 32.4





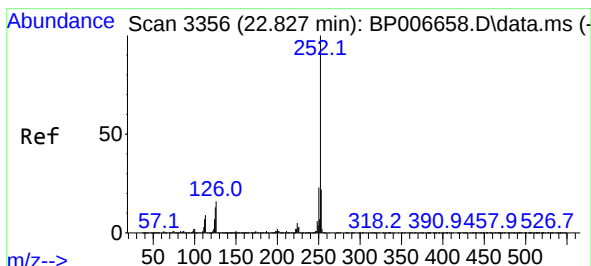
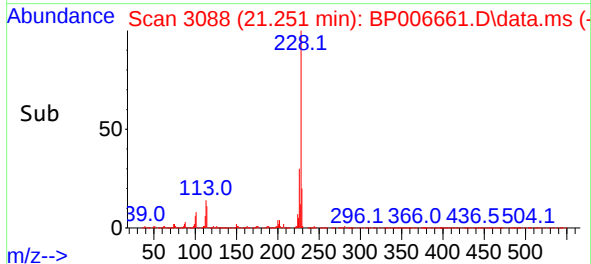
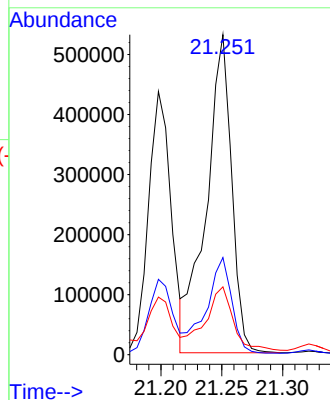
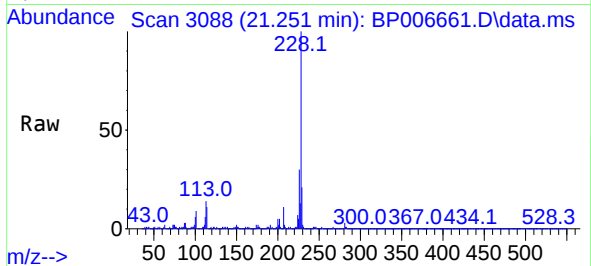
#87
Chrysene
Concen: 14.989 ng/u1
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

Tgt Ion:	228	Resp:	764703
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.9	35.9
229	21.2	15.9	23.9

Instrument :
BNA_P
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BGB03DL

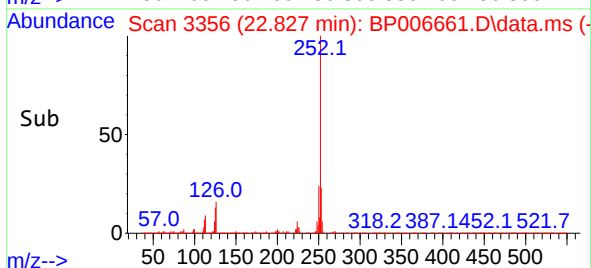
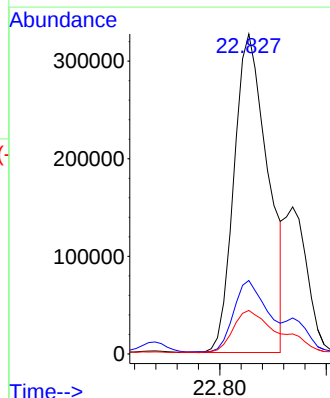
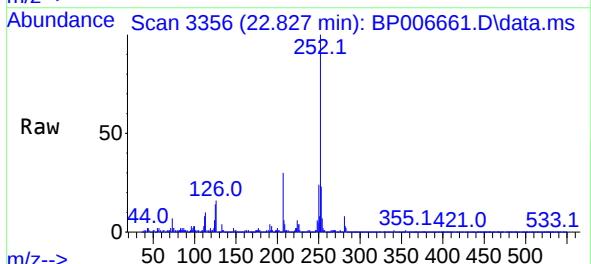
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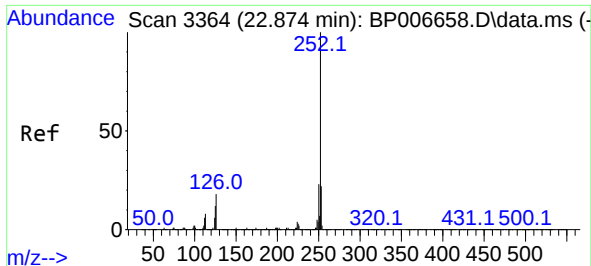
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#90
Benzo(b)fluoranthene
Concen: 12.828 ng/u1
RT: 22.827 min Scan# 3356
Delta R.T. -0.000 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

Tgt Ion:	252	Resp:	720998
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	13.6	10.2	15.2





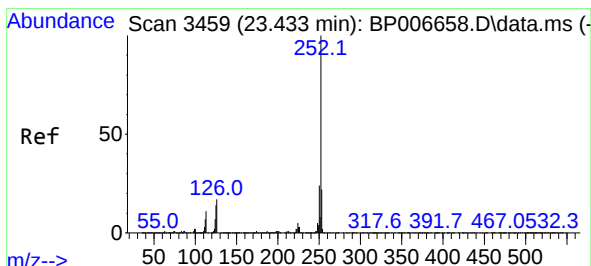
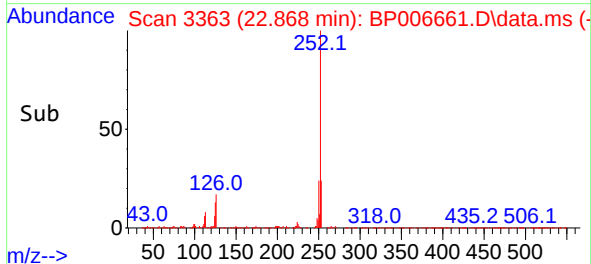
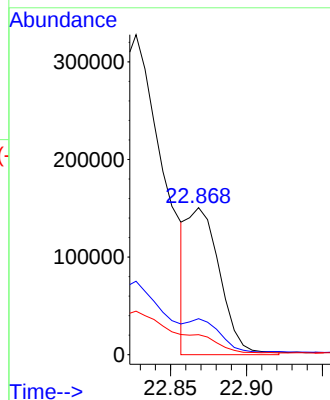
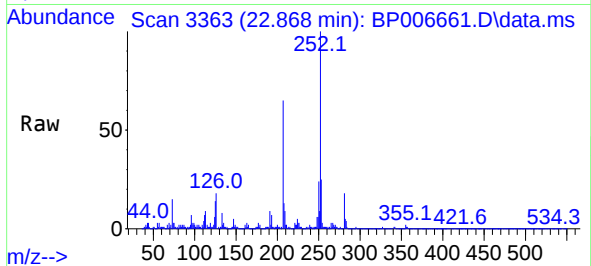
#91
Benzo(k)fluoranthene
Concen: 4.122 ng/ul m
RT: 22.868 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

Tgt Ion:252 Resp: 224285
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 13.6 9.8 14.8

Instrument :
BNA_P
ClientSampleId :
BGB03DL

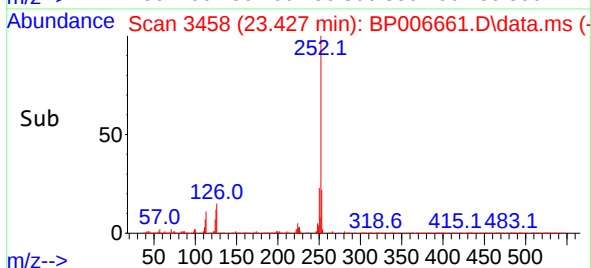
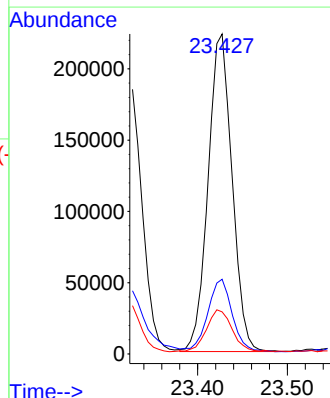
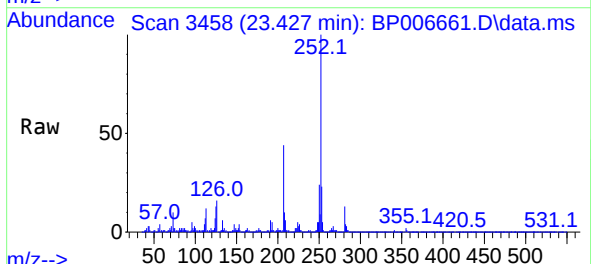
Manual Integrations
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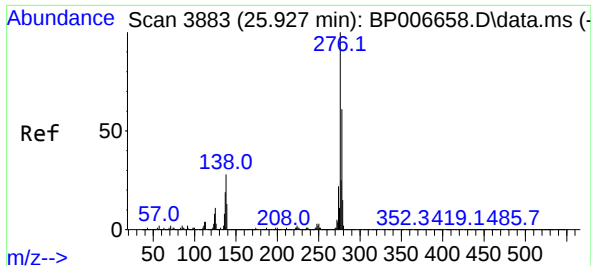
mohammad
8/13/2021 8:47:44 AM



#93
Benzo(a)pyrene
Concen: 8.120 ng/ul
RT: 23.427 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

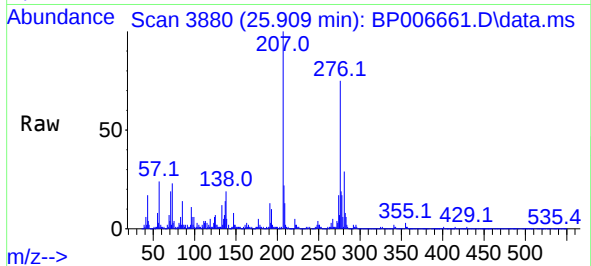
Tgt Ion:252 Resp: 413437
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 13.2 11.2 16.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.391 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.018 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

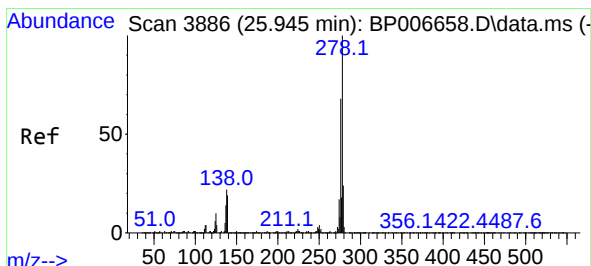
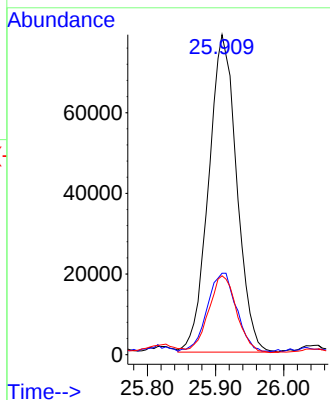
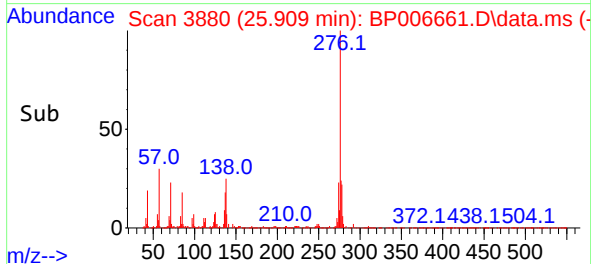
Instrument :
BNA_P
ClientSampleId :
BGB03DL



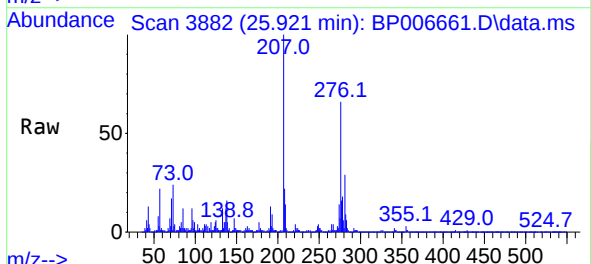
Tgt Ion: 276 Resp: 225755
Ion Ratio Lower Upper
276 100
138 25.4 22.3 33.5
277 24.7 19.7 29.5

Manual Integrations
APPROVED

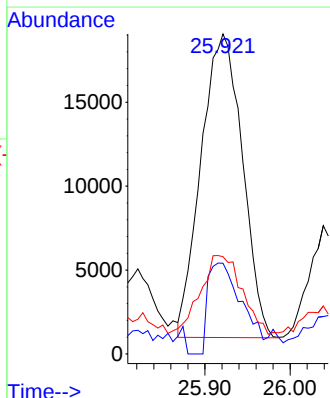
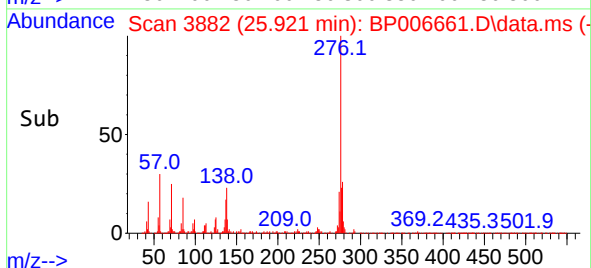
mohammad
8/13/2021 8:47:44 AM

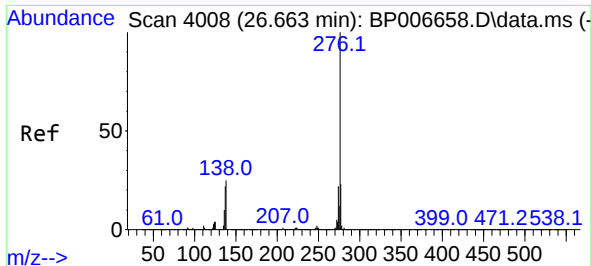


#95
Dibenzo(a,h)anthracene
Concen: 1.090 ng/ul
RT: 25.921 min Scan# 3882
Delta R.T. -0.024 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36



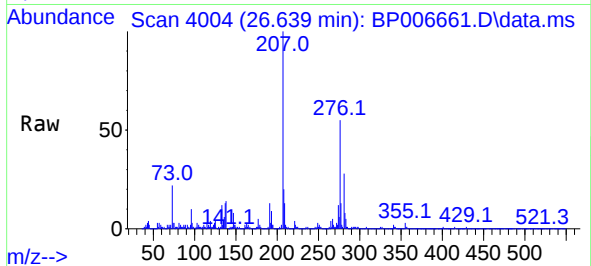
Tgt Ion: 278 Resp: 60939
Ion Ratio Lower Upper
278 100
139 28.3 15.0 22.6#
279 30.4 19.1 28.7#





#96
Benzo(g,h,i)perylene
Concen: 3.325 ng/ul
RT: 26.639 min Scan# 4004
Delta R.T. -0.024 min
Lab File: BP006661.D
Acq: 12 Aug 2021 11:36

Instrument :
BNA_P
ClientSampleId :
BGB03DL



Tgt Ion:276 Resp: 183790
Ion Ratio Lower Upper
276 100
138 25.5 19.9 29.9
277 24.0 18.5 27.7

Manual Integrations
APPROVED

mohammad
8/13/2021 8:47:44 AM

