

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011217.D
 Acq On : 02 Aug 2022 01:38
 Operator : CG/JU
 Sample : N3790-12DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBUK6DL

Quant Time: Aug 02 02:28:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 16:05:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
 Supervised By :mohammad ahmed 08/03/2022

08/02/2022
 Supervised By :mohammad
 ahmed

08/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	300637	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1247309	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.310	164	604841	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	1114253	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.210	240	1092069	20.000	ng/ul	# 0.00
88) Perylene-d12	23.551	264	1190068	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	2877m	0.438	ng/uL	0.00
4) Pyridine-d5	3.581	84	14898m	0.802	ng/ul	0.02
7) Phenol-d5	6.828	99	101380	3.863	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	68987	3.718	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	82781	4.003	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	79789	3.717	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	34000	3.507	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	31490	3.391	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	66614	4.071	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	61187	2.307	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	203279	4.933	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	253930	4.904	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.316	176	166936	4.821	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.181	188	243988	4.970	ng/ul	0.00
81) Pyrene-d10	19.439	212	298784	5.092	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.398	264	311635	5.272	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.375	153	75144	1.989	ng/ul	96
61) Fluorene	15.369	166	86665	2.170	ng/ul	98
72) Phenanthrene	17.128	178	1040579	17.064	ng/ul	98
74) Anthracene	17.216	178	244370	4.051	ng/ul	99
77) Carbazole	17.498	167	173923	3.254	ng/ul	96
80) Fluoranthene	19.116	202	1559465	21.514	ng/ul#	86
82) Pyrene	19.469	202	1195044	16.043	ng/ul#	80
85) Benzo(a)anthracene	21.192	228	846783	12.473	ng/ul	97
87) Chrysene	21.245	228	784398	11.623	ng/ul	96
90) Benzo(b)fluoranthene	22.839	252	968251	12.906	ng/ul#	93
91) Benzo(k)fluoranthene	22.880	252	358945m	5.041	ng/ul	
93) Benzo(a)pyrene	23.445	252	636129	8.693	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	25.968	276	417678	4.633	ng/ul#	89
95) Dibenzo(a,h)anthracene	25.986	278	144061	1.863	ng/ul#	82
96) Benzo(g,h,i)perylene	26.715	276	315050	4.040	ng/ul#	87

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

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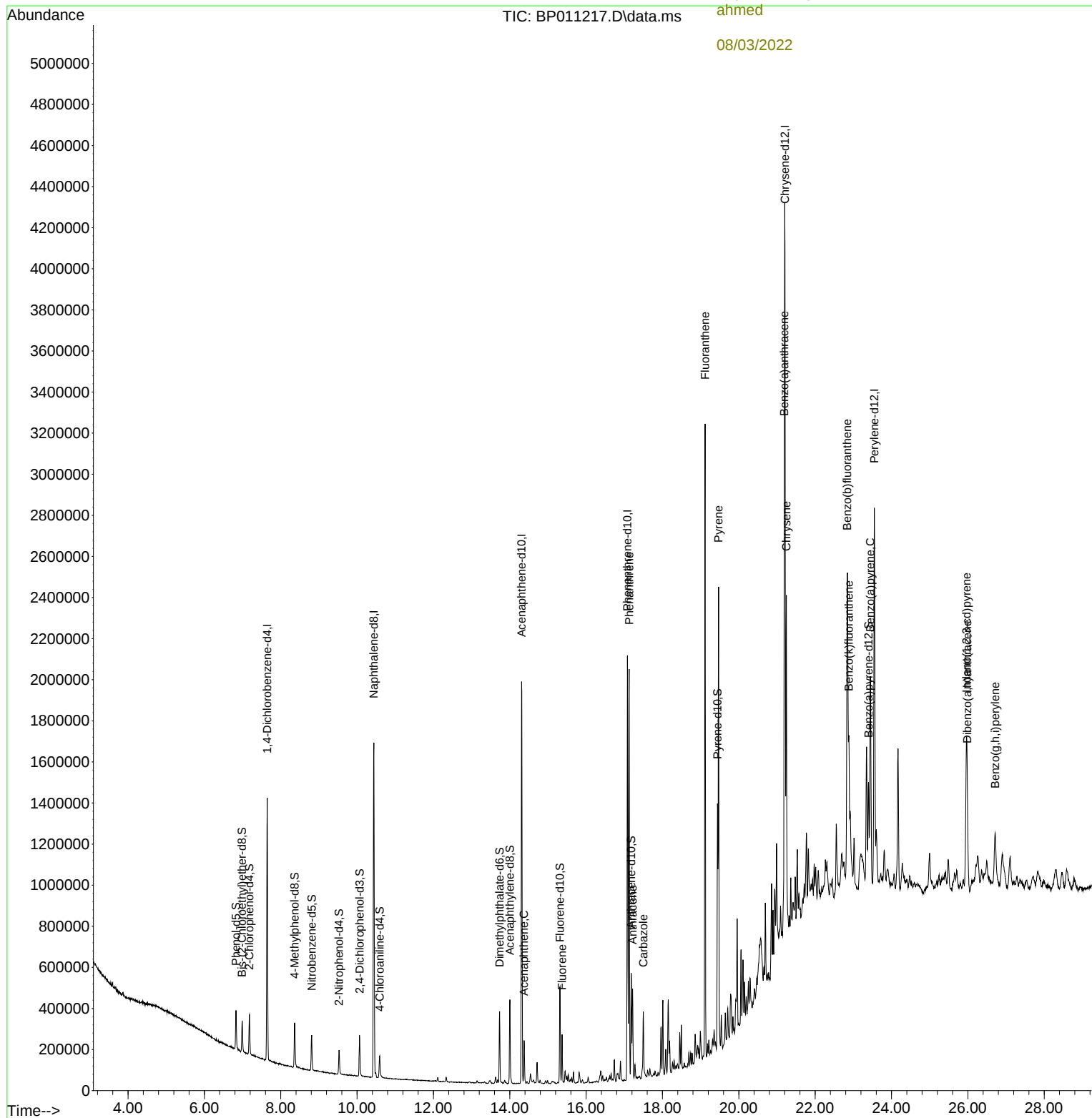
Instrument :
 BNA_P
 ClientSampleId :
 DBUK6DL

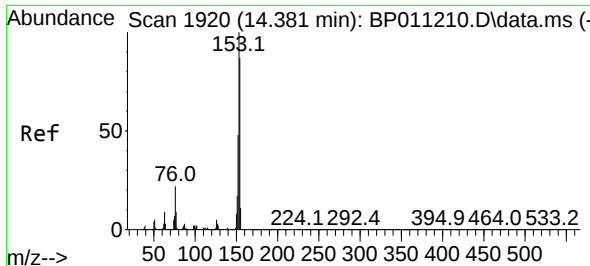
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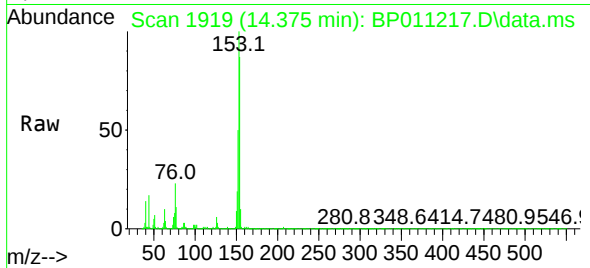
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#52
Acenaphthene
Concen: 1.989 ng/ul
RT: 14.375 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP011217.D
Acq: 02 Aug 2022 01:38

Instrument :
BNA_P
ClientSampleId :
DBUK6DL



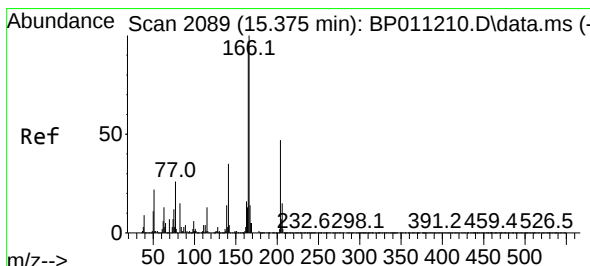
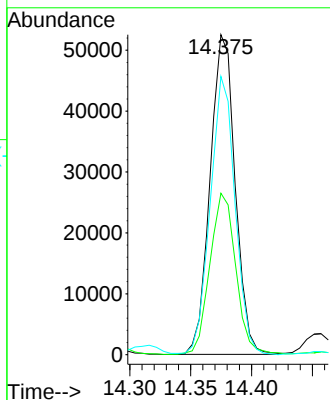
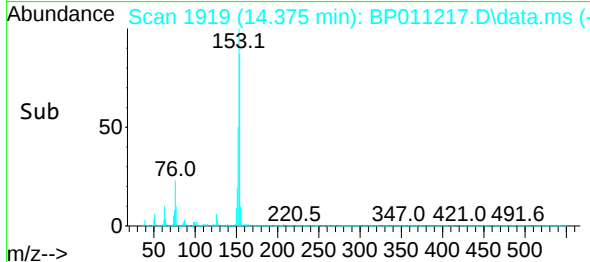
Tgt Ion:153 Resp: 75144
Ion Ratio Lower Upper
153 100
152 50.5 36.2 54.2
154 87.0 70.8 106.2

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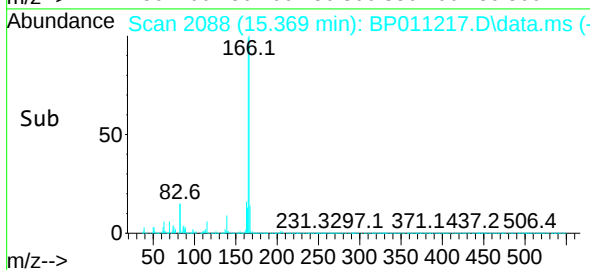
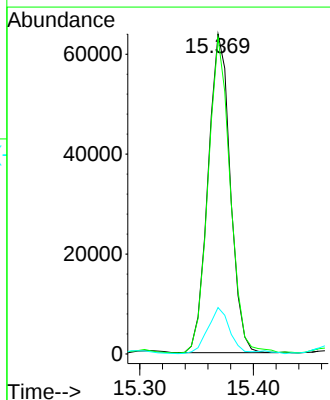
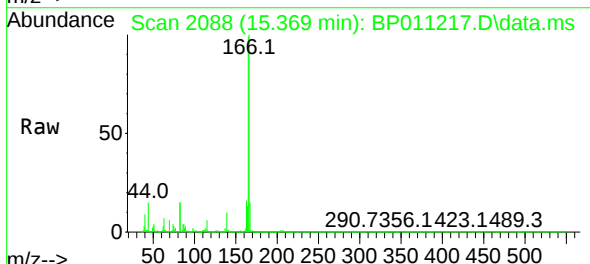
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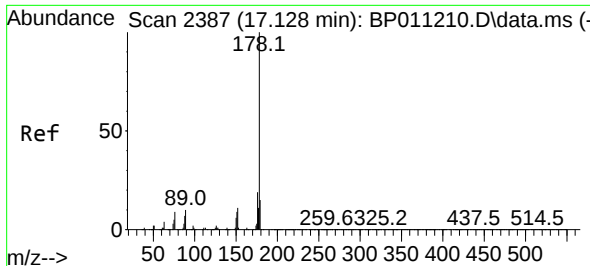
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#61
Fluorene
Concen: 2.170 ng/ul
RT: 15.369 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP011217.D
Acq: 02 Aug 2022 01:38

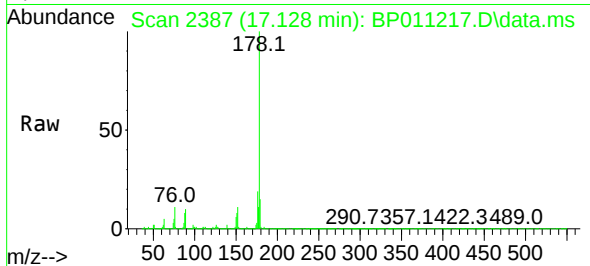
Tgt Ion:166 Resp: 86665
Ion Ratio Lower Upper
166 100
165 98.9 77.4 116.2
167 14.5 10.8 16.2





#72
Phenanthrene
Concen: 17.064 ng/u1
RT: 17.128 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011217.D
Acq: 02 Aug 2022 01:38

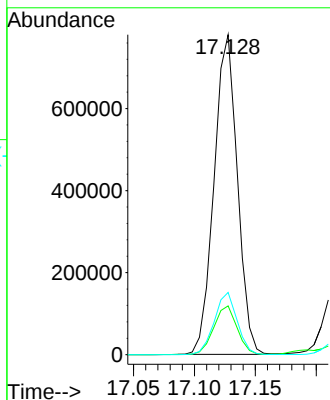
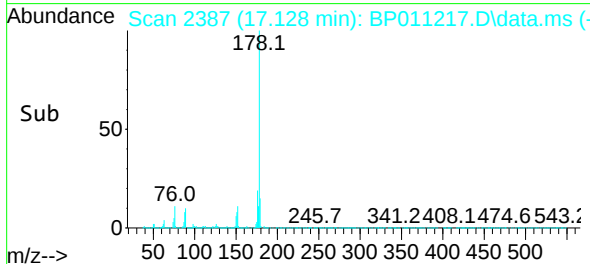
Instrument :
BNA_P
ClientSampleId :
DBUK6DL



Tgt Ion:178 Resp: 1040579
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.4 14.6 22.0

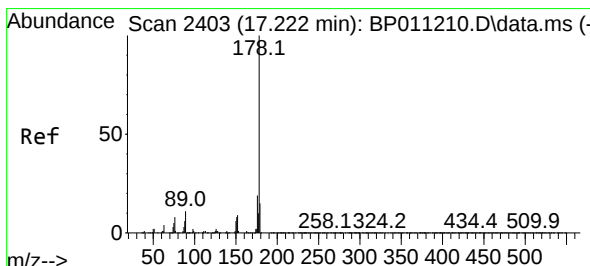
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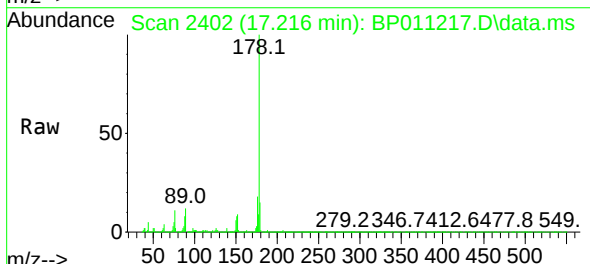


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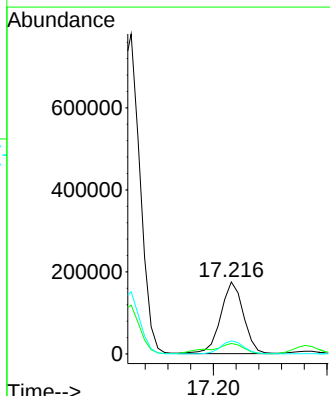
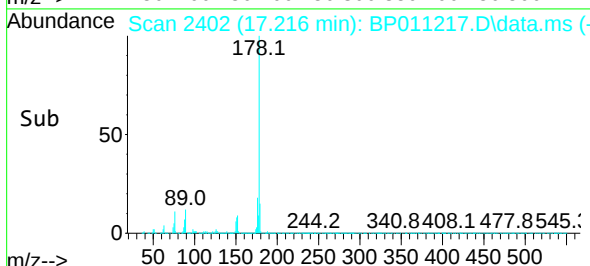
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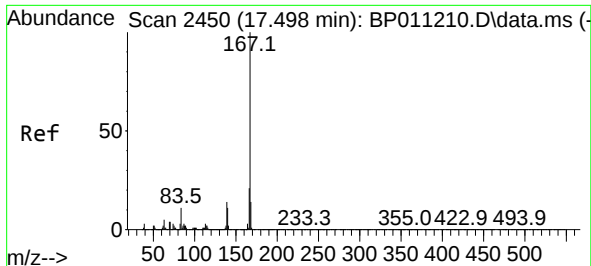


#74
Anthracene
Concen: 4.051 ng/u1
RT: 17.216 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BP011217.D
Acq: 02 Aug 2022 01:38



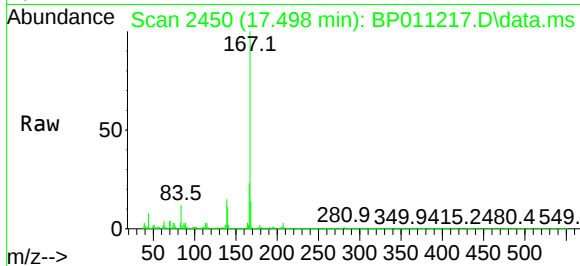
Tgt Ion:178 Resp: 244370
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.2
176 18.3 14.5 21.7





#77
 Carbazole
 Concen: 3.254 ng/ul
 RT: 17.498 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BP011217.D
 Acq: 02 Aug 2022 01:38

Instrument :
 BNA_P
 ClientSampleId :
 DBUK6DL



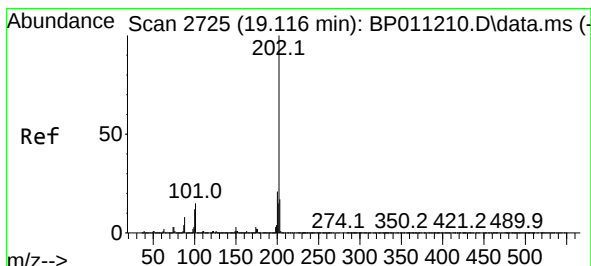
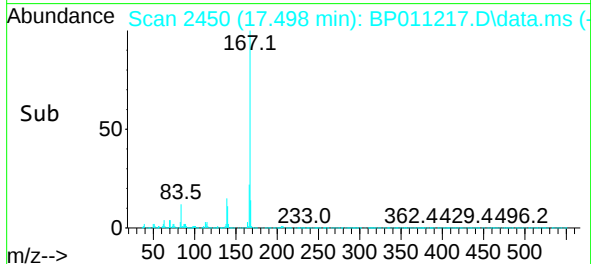
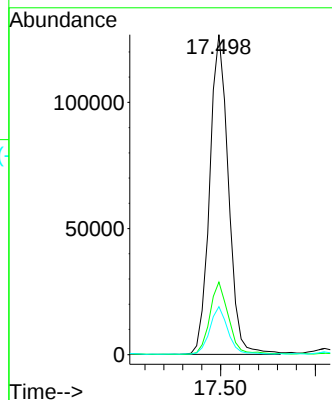
Tgt Ion:167 Resp: 17392
 Ion Ratio Lower Upper
 167 100
 166 22.7 16.9 25.3
 139 15.0 10.6 16.0

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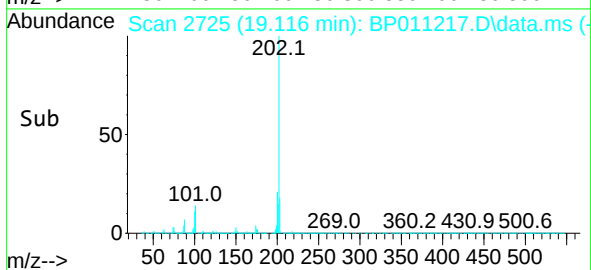
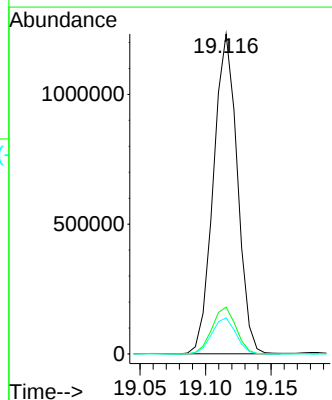
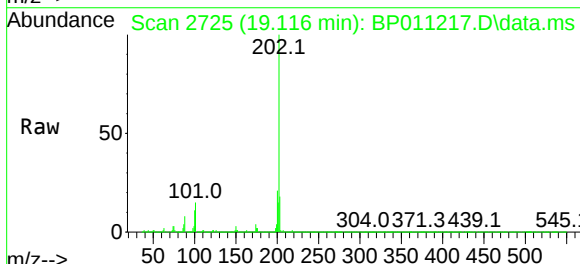
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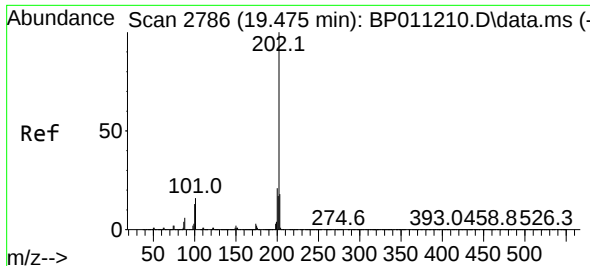
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#80
 Fluoranthene
 Concen: 21.514 ng/ul
 RT: 19.116 min Scan# 2725
 Delta R.T. 0.000 min
 Lab File: BP011217.D
 Acq: 02 Aug 2022 01:38

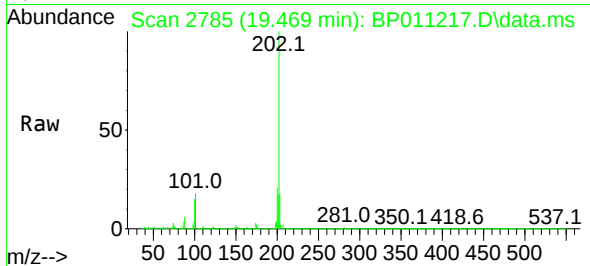
Tgt Ion:202 Resp: 1559465
 Ion Ratio Lower Upper
 202 100
 101 14.6 7.1 10.7#
 100 11.3 5.7 8.5#





#82
Pyrene
Concen: 16.043 ng/ul
RT: 19.469 min Scan# 21195044
Delta R.T. -0.006 min
Lab File: BP011217.D
Acq: 02 Aug 2022 01:38

Instrument :
BNA_P
ClientSampleId :
DBUK6DL



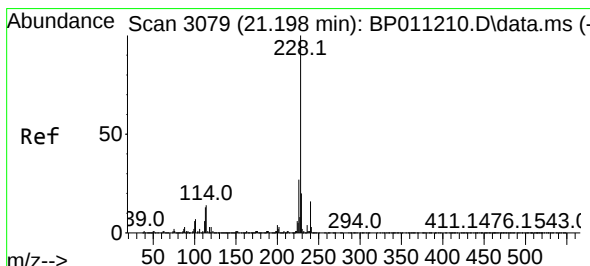
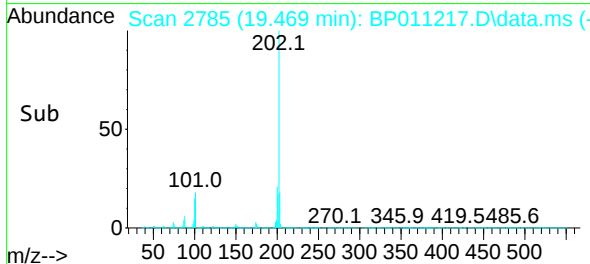
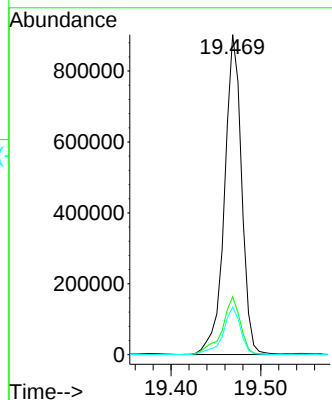
Tgt Ion:202 Resp: 1195044
Ion Ratio Lower Upper
202 100
101 18.1 7.9 11.9
100 14.9 6.7 10.1

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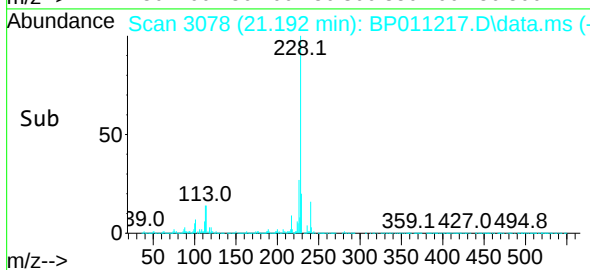
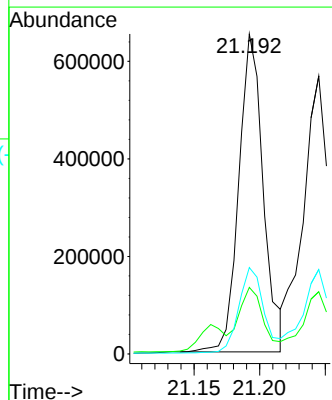
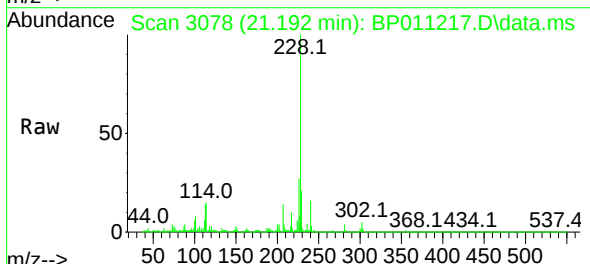
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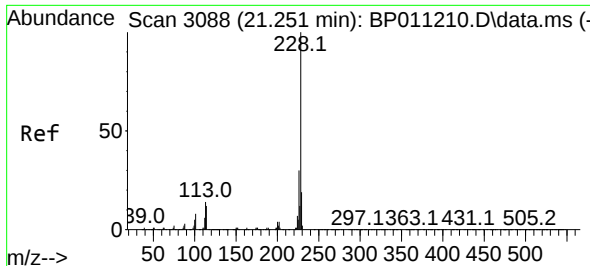
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#85
Benzo(a)anthracene
Concen: 12.473 ng/ul
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP011217.D
Acq: 02 Aug 2022 01:38

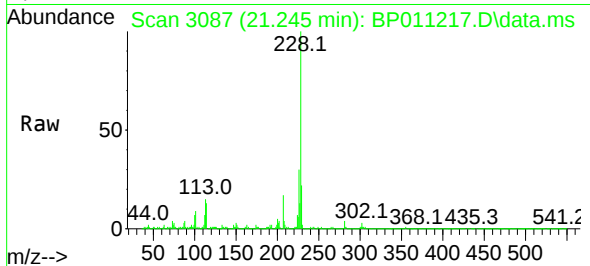
Tgt Ion:228 Resp: 846783
Ion Ratio Lower Upper
228 100
229 20.8 15.0 22.4
226 27.0 20.6 31.0





#87
Chrysene
Concen: 11.623 ng/u1
RT: 21.245 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP011217.D
Acq: 02 Aug 2022 01:38

Instrument :
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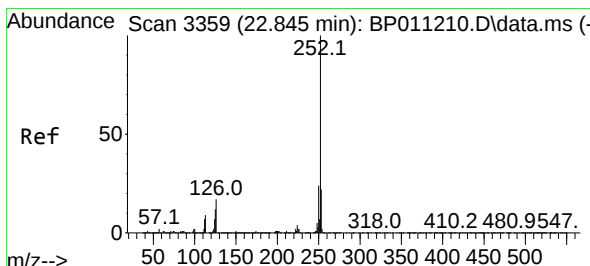
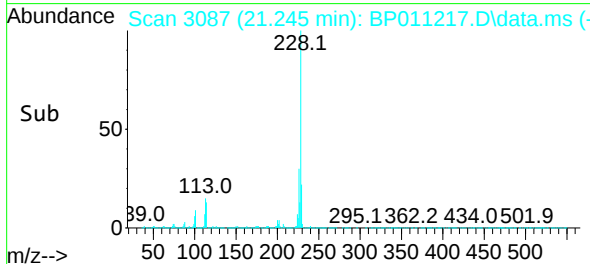
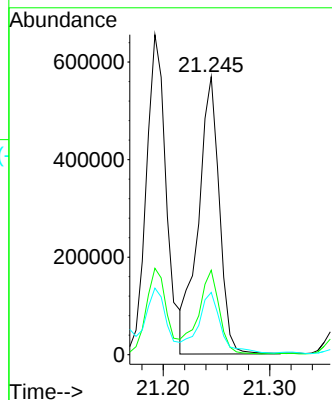
Tgt Ion:228 Resp: 784398
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 22.4 15.6 23.4

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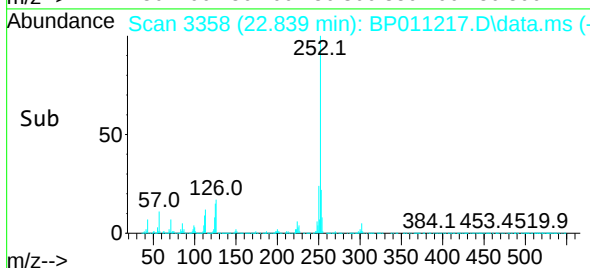
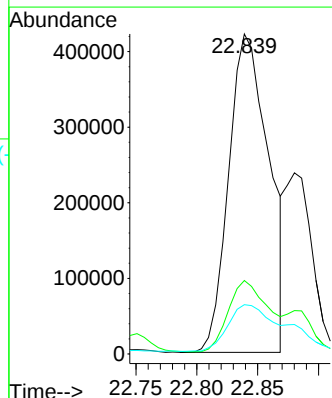
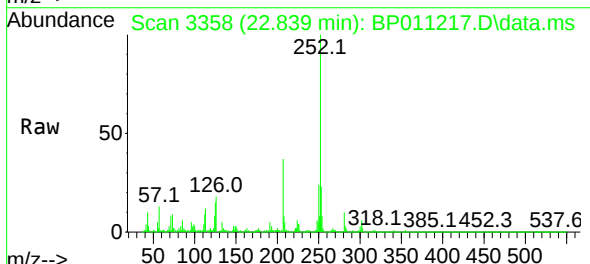
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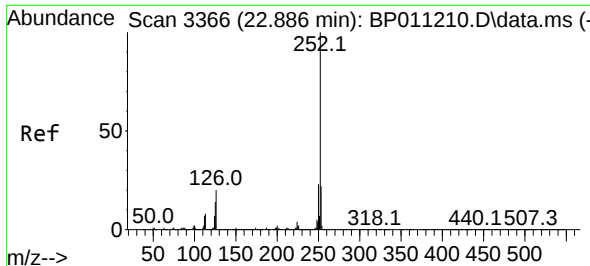
08/03/2022



#90
Benzo(b)fluoranthene
Concen: 12.906 ng/u1
RT: 22.839 min Scan# 3358
Delta R.T. 0.000 min
Lab File: BP011217.D
Acq: 02 Aug 2022 01:38

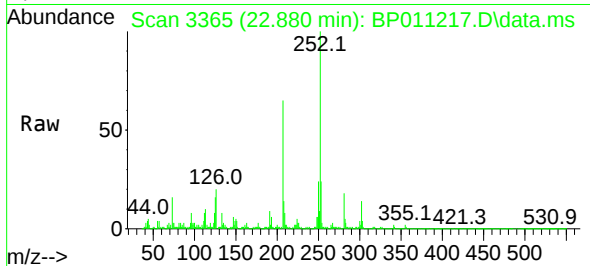
Tgt Ion:252 Resp: 968251
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 15.4 6.2 9.2#





#91
Benzo(k)fluoranthene
Concen: 5.041 ng/ul m
RT: 22.880 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011217.D
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Instrument :
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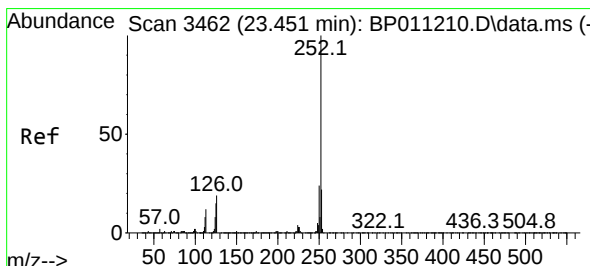
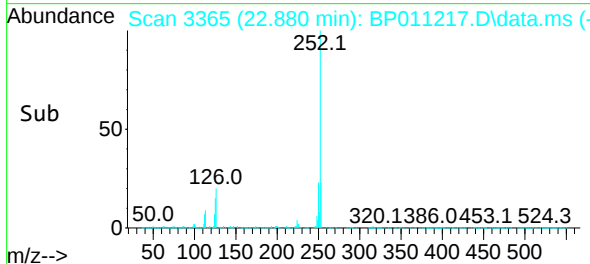
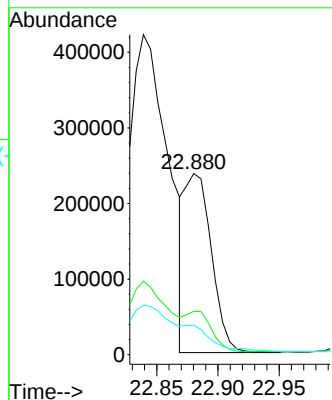
Tgt Ion:252 Resp: 35894
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 16.2 6.2 9.4

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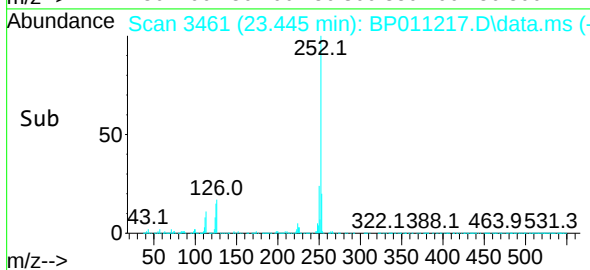
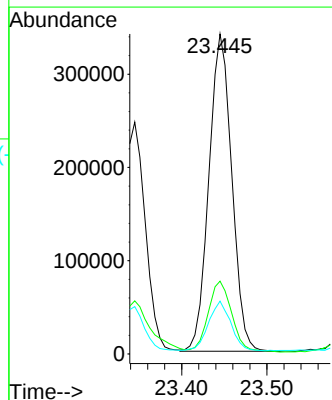
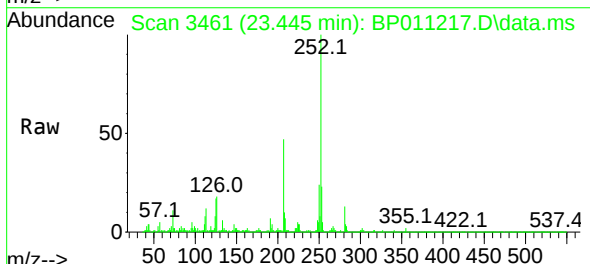
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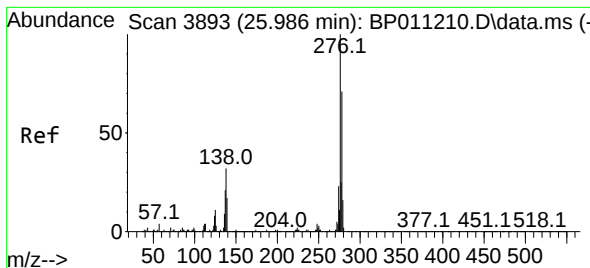
08/03/2022



#93
Benzo(a)pyrene
Concen: 8.693 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. -0.006 min
Lab File: BP011217.D
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Tgt Ion:252 Resp: 636129
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 16.5 6.6 10.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.633 ng/ul

RT: 25.968 min Scan# 3893

Delta R.T. -0.012 min

Lab File: BP011217.D

Acq: 02 Aug 2022 01:38

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:	276	Resp:	417678
Ion Ratio	Lower	Upper	
276	100		
138	29.1	14.6	22.0
277	25.2	19.6	29.4

Manual Integrations

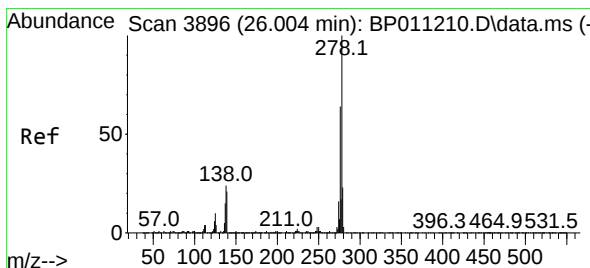
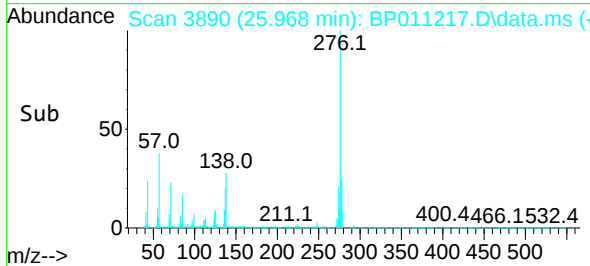
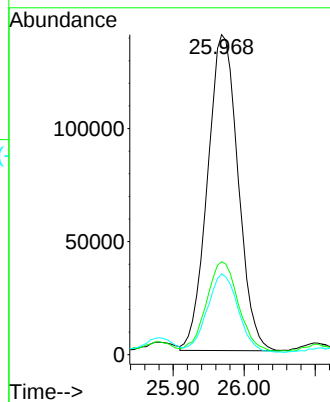
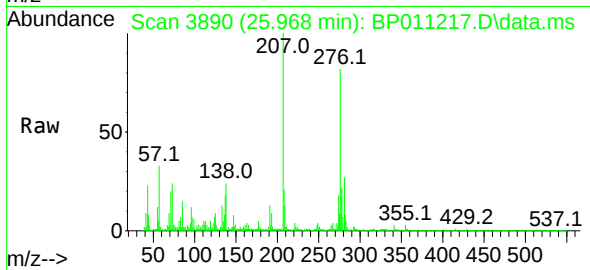
APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022

08/02/2022

Supervised By :mohammad
ahmed

08/03/2022



#95

Dibenzo(a,h)anthracene

Concen: 1.863 ng/ul

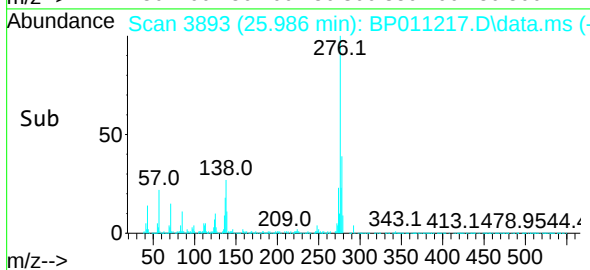
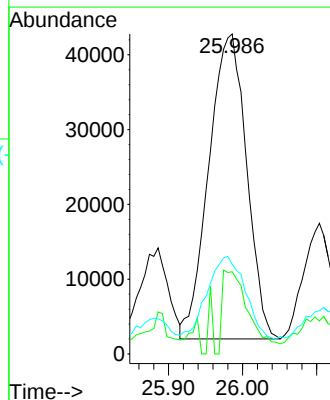
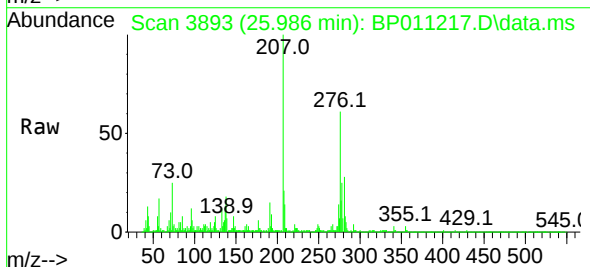
RT: 25.986 min Scan# 3893

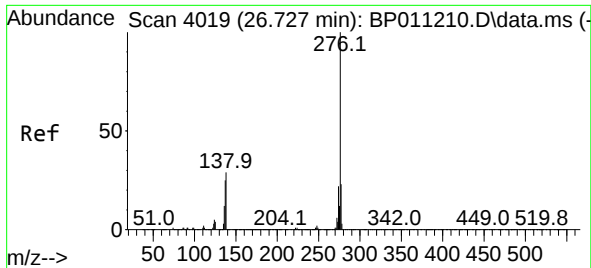
Delta R.T. -0.018 min

Lab File: BP011217.D

Acq: 02 Aug 2022 01:38

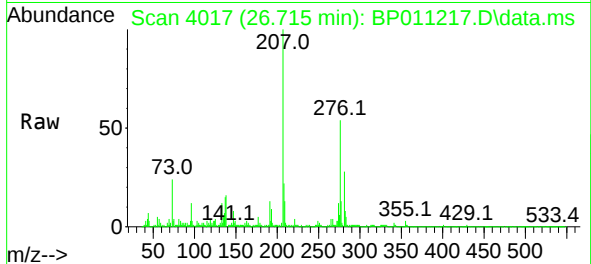
Tgt Ion:	278	Resp:	144061
Ion Ratio	Lower	Upper	
278	100		
139	25.7	9.4	14.2
279	28.0	18.9	28.3





#96
 Benzo(g,h,i)perylene
 Concen: 4.040 ng/ul
 RT: 26.715 min Scan# 4017
 Delta R.T. -0.006 min
 Lab File: BP011217.D
 Acq: 02 Aug 2022 01:38

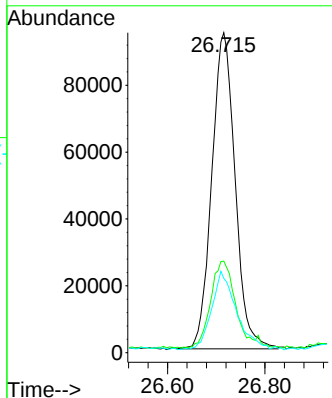
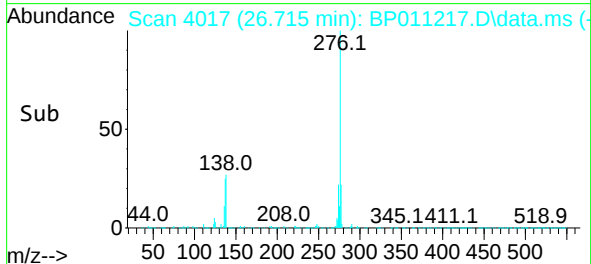
Instrument :
 BNA_P
 ClientSampleId :
 DBUK6DL



Tgt Ion:	276	Resp:	315050
Ion Ratio	Lower	Upper	
276	100		
138	28.6	12.7	19.1
277	23.2	18.2	27.4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
 Supervised By :mohammad ahmed 08/03/2022



08/02/2022
 Supervised By :mohammad
 ahmed
 08/03/2022