

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011205.D
 Acq On : 01 Aug 2022 18:12
 Operator : CG/JU
 Sample : N3790-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBUK5

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 23:01:12 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	289389	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1194793	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	531765	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	891751	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.215	240	860795	20.000	ng/u1	# 0.00
88) Perylene-d12	23.562	264	986108	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	14152	2.240	ng/uL	0.00
4) Pyridine-d5	3.569	84	85843m	4.802	ng/u1	0.01
7) Phenol-d5	6.834	99	531825	21.055	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	364724	20.420	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	427945	21.499	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	411349	19.908	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	206435	22.232	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	202056	22.717	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	333878	21.300	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	324809m	12.782	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	908381	25.073	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1137841	24.992	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	102098	15.667	ng/u1	0.01
60) Fluorene-d10	15.316	176	709788	23.315	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	67548	15.026	ng/u1	0.00
73) Anthracene-d10	17.186	188	1004940	25.576	ng/u1	0.00
81) Pyrene-d10	19.445	212	1211524	26.193	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.409	264	1290686	26.352	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.033	152	90743	1.784	ng/u1	99
61) Fluorene	15.375	166	37535	1.069	ng/u1	97
72) Phenanthrene	17.127	178	424052	8.689	ng/u1	99
74) Anthracene	17.221	178	202126	4.186	ng/u1	99
77) Carbazole	17.504	167	100260	2.344	ng/u1	97
80) Fluoranthene	19.121	202	868676	15.204	ng/u1#	88
82) Pyrene	19.474	202	788902	13.436	ng/u1#	83
85) Benzo(a)anthracene	21.198	228	466836	8.724	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.133	149	89765	2.526	ng/u1#	92
87) Chrysene	21.251	228	523937	9.849	ng/u1	96
90) Benzo(b)fluoranthene	22.845	252	1005788	16.179	ng/u1#	91
91) Benzo(k)fluoranthene	22.892	252	269864m	4.574	ng/u1	
93) Benzo(a)pyrene	23.456	252	613793	10.122	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	25.992	276	501187	6.709	ng/u1#	88
95) Dibenzo(a,h)anthracene	26.003	278	142899	2.230	ng/u1#	76
96) Benzo(g,h,i)perylene	26.733	276	470938	7.289	ng/u1#	83

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

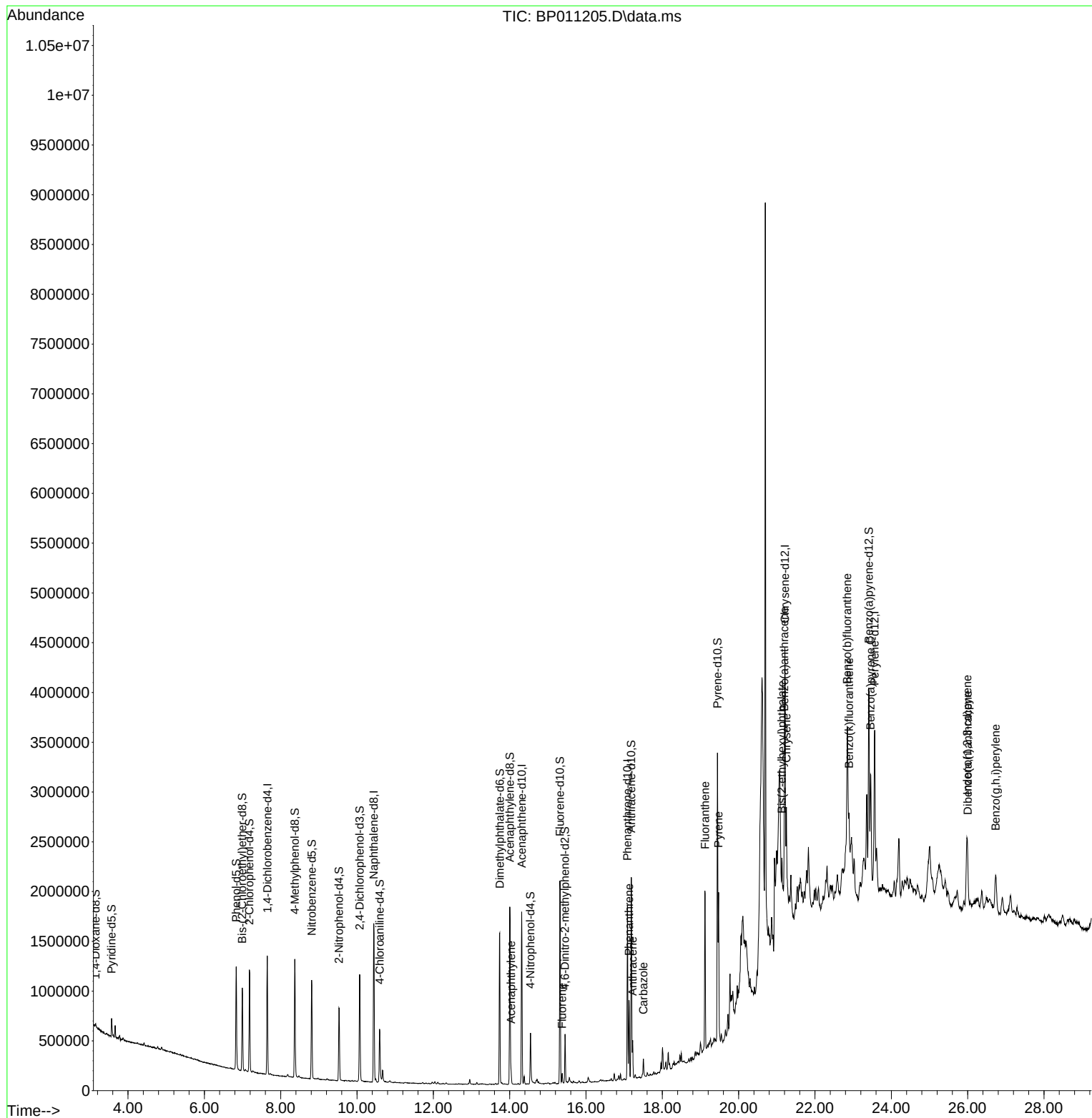
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011205.D
 Acq On : 01 Aug 2022 18:12
 Operator : CG/JU
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 ALS Vial : 14 Sample Multiplier: 1

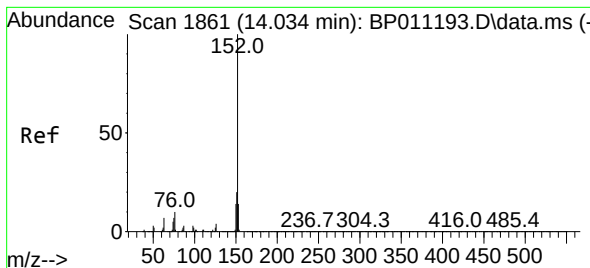
Instrument :
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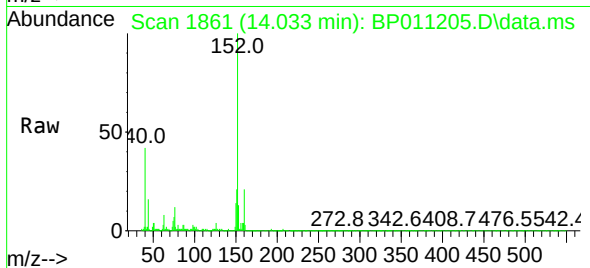
Quant Time: Aug 01 23:01:12 2022
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 Quant Title : SVOA CALIBRATION
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#50
Acenaphthylene
Concen: 1.784 ng/ul
RT: 14.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BP011205.D
Acq: 01 Aug 2022 18:12

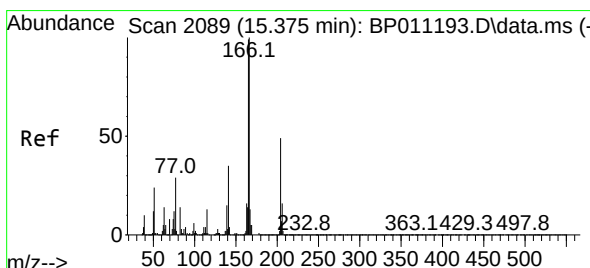
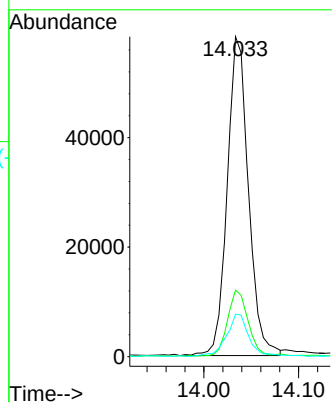
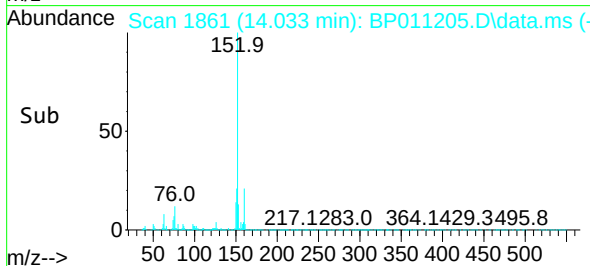
Instrument :
BNA_P
ClientSampleId :
DBUK5



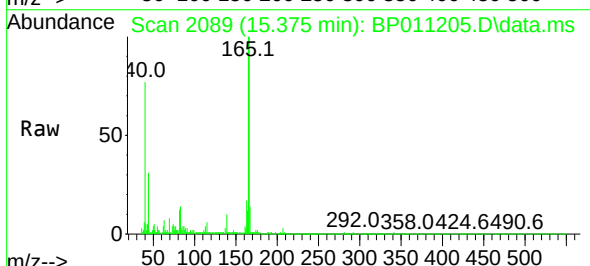
Tgt Ion:152 Resp: 9074
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 13.3 10.1 15.1

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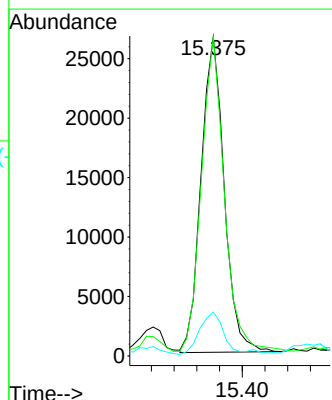
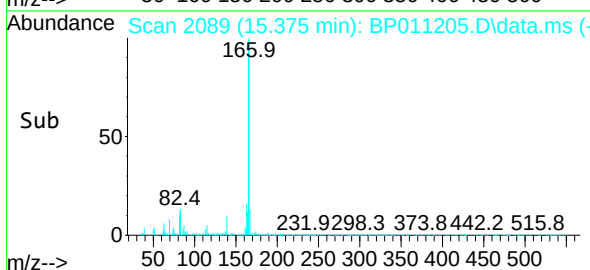
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022

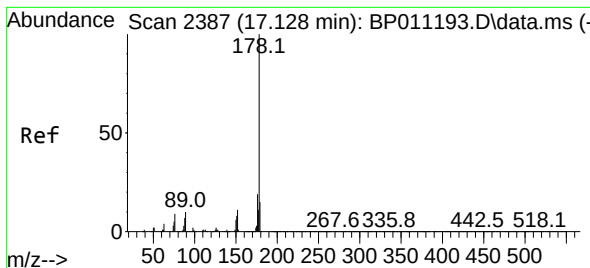


#61
Fluorene
Concen: 1.069 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BP011205.D
Acq: 01 Aug 2022 18:12



Tgt Ion:166 Resp: 37535
Ion Ratio Lower Upper
166 100
165 100.3 77.4 116.2
167 13.8 10.8 16.2





#72

Phenanthrene

Concen: 8.689 ng/ul

RT: 17.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011205.D

Acq: 01 Aug 2022 18:12

Instrument :

BNA_P

ClientSampleId :

DBUK5

Tgt Ion:178 Resp: 424052

Ion Ratio Lower Upper

178 100

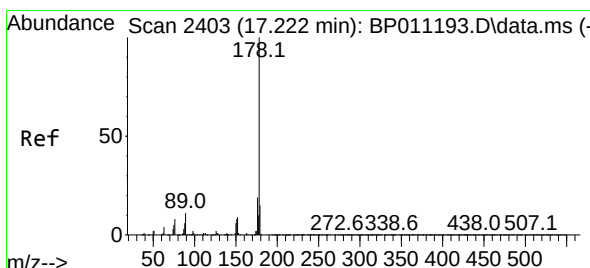
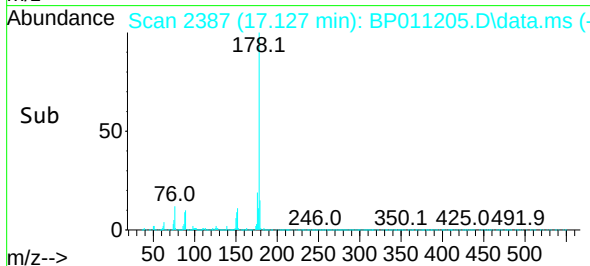
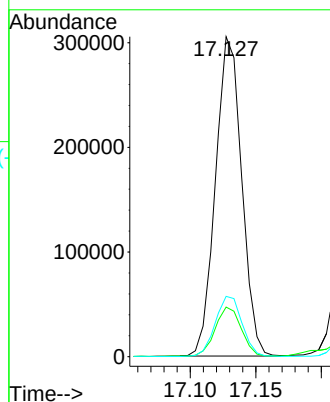
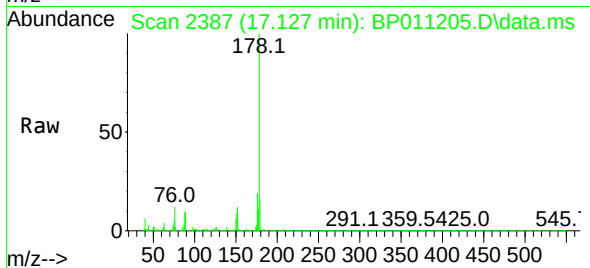
179 15.5 12.7 19.1

176 18.8 14.6 22.0

Manual Integrations

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#74

Anthracene

Concen: 4.186 ng/ul

RT: 17.221 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BP011205.D

Acq: 01 Aug 2022 18:12

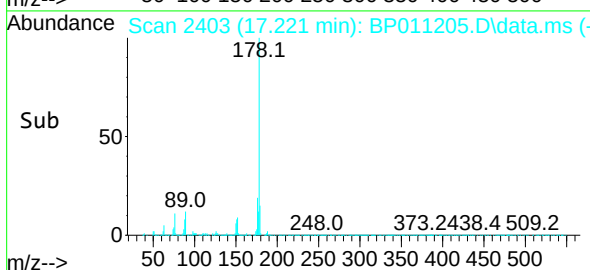
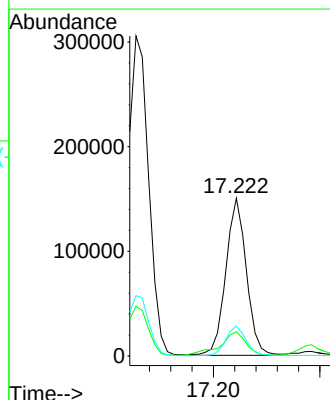
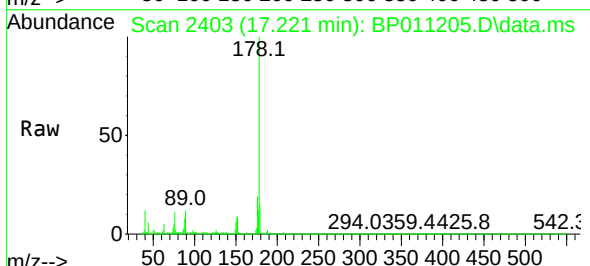
Tgt Ion:178 Resp: 202126

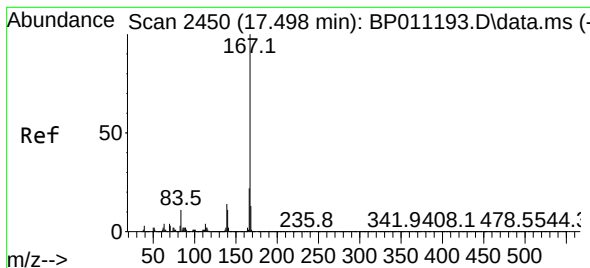
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.0 14.5 21.7





#77

Carbazole

Concen: 2.344 ng/ul

RT: 17.504 min Scan# 2450

Delta R.T. 0.006 min

Lab File: BP011205.D

Acq: 01 Aug 2022 18:12

Instrument :

BNA_P

ClientSampleId :

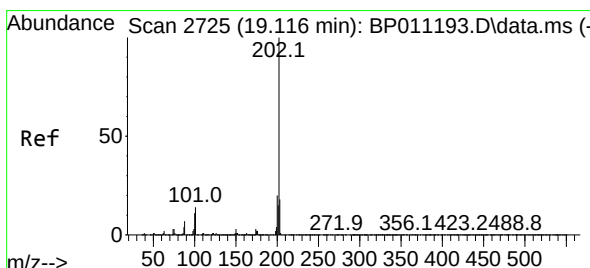
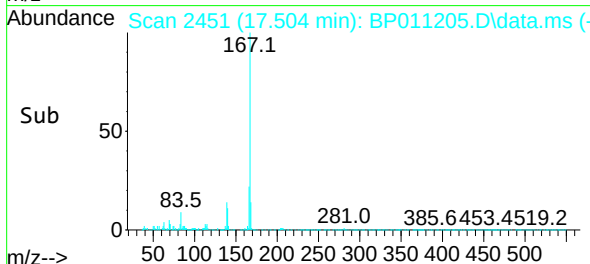
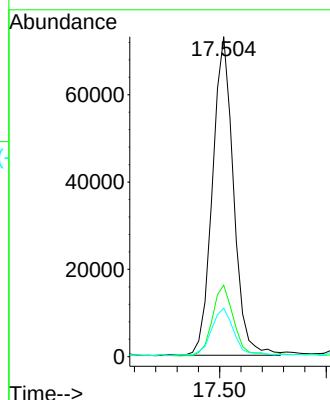
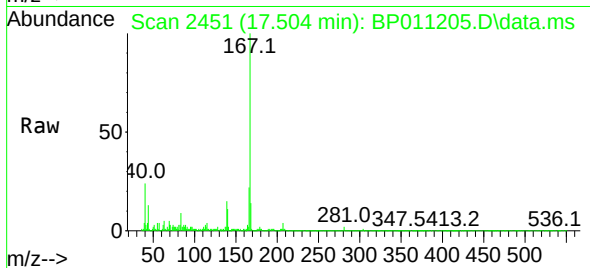
DBUK5

Tgt Ion:167	Resp: 100260
Ion Ratio	Lower Upper
167 100	
166 22.3	16.9 25.3
139 15.2	10.6 16.0

Manual Integrations

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#80

Fluoranthene

Concen: 15.204 ng/ul

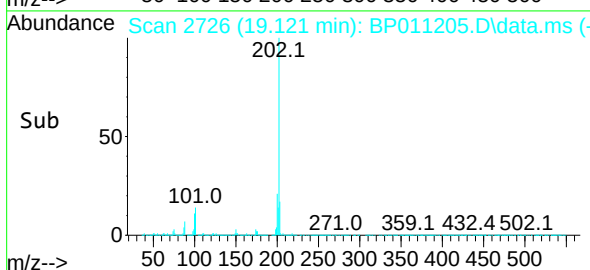
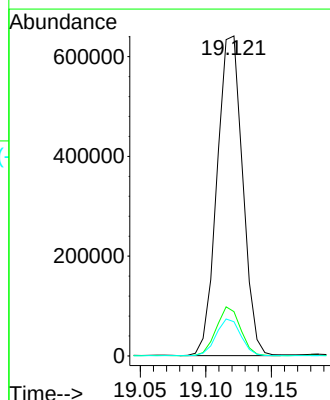
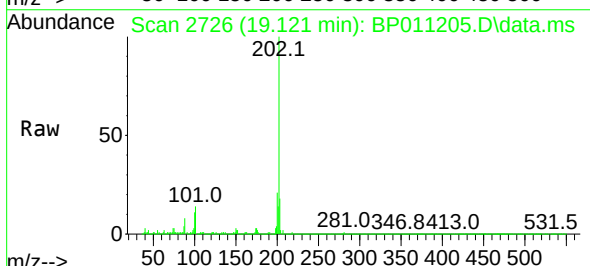
RT: 19.121 min Scan# 2726

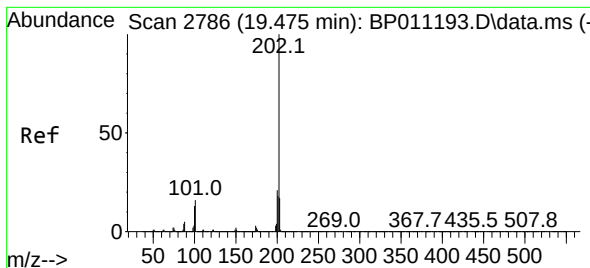
Delta R.T. 0.006 min

Lab File: BP011205.D

Acq: 01 Aug 2022 18:12

Tgt Ion:202	Resp: 868676
Ion Ratio	Lower Upper
202 100	
101 13.8	7.1 10.7#
100 10.7	5.7 8.5#





#82

Pyrene

Concen: 13.436 ng/ul

RT: 19.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011205.D

Acq: 01 Aug 2022 18:12

Instrument :

BNA_P

ClientSampleId :

DBUK5

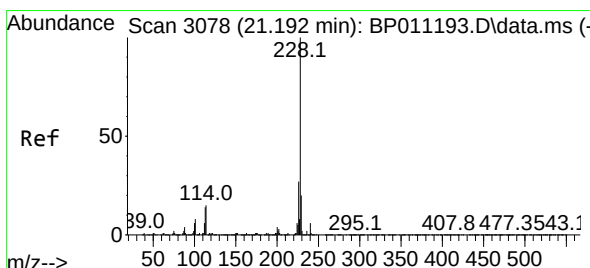
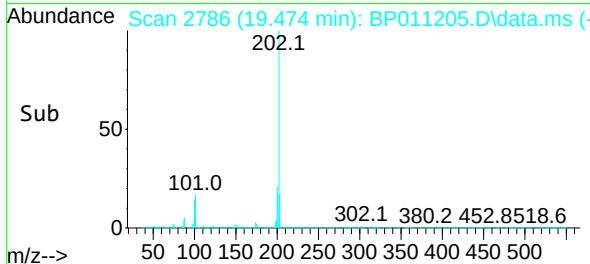
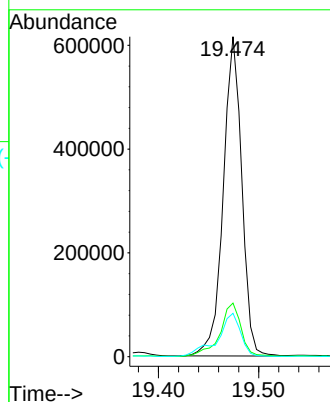
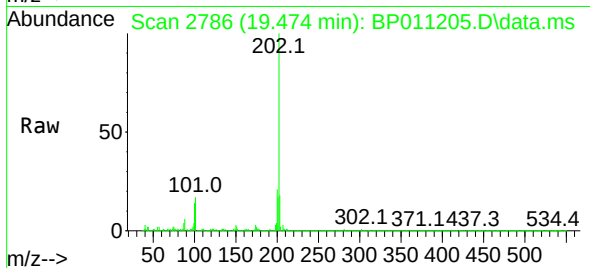
Tgt Ion:202 Resp: 78890

Ion	Ratio	Lower	Upper
202	100		
101	16.8	7.9	11.9
100	13.6	6.7	10.1

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#85

Benzo(a)anthracene

Concen: 8.724 ng/ul

RT: 21.198 min Scan# 3079

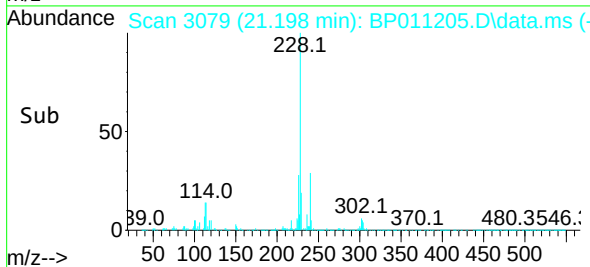
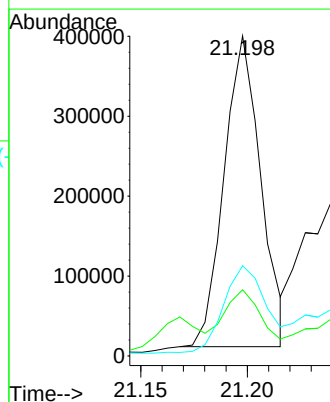
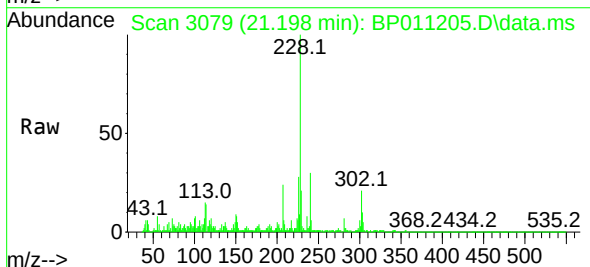
Delta R.T. -0.000 min

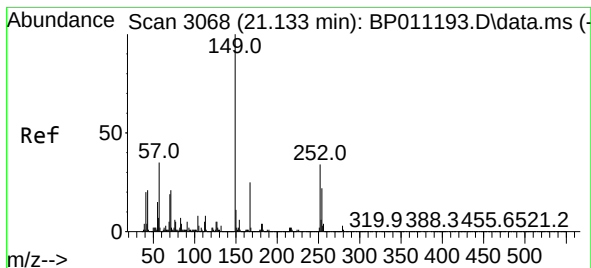
Lab File: BP011205.D

Acq: 01 Aug 2022 18:12

Tgt Ion:228 Resp: 466836

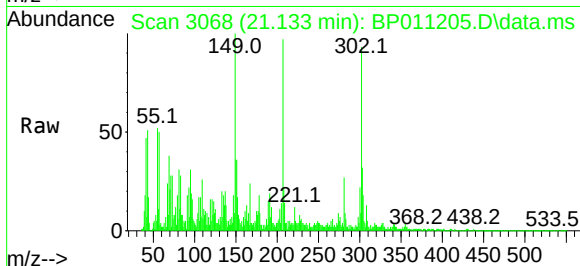
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.0	22.4
226	28.2	20.6	31.0





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.526 ng/ul
RT: 21.133 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP011205.D
Acq: 01 Aug 2022 18:12

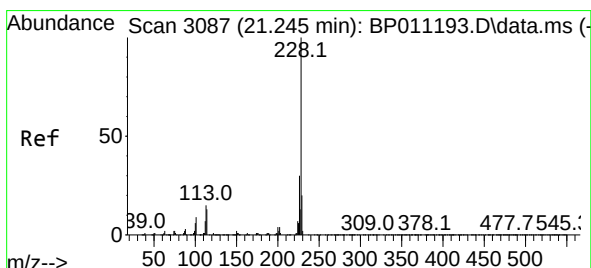
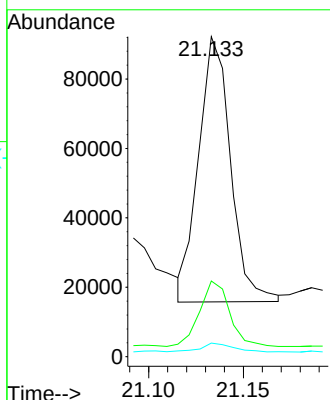
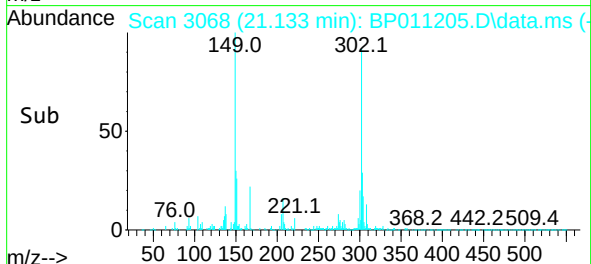
Instrument :
BNA_P
ClientSampleId :
DBUK5



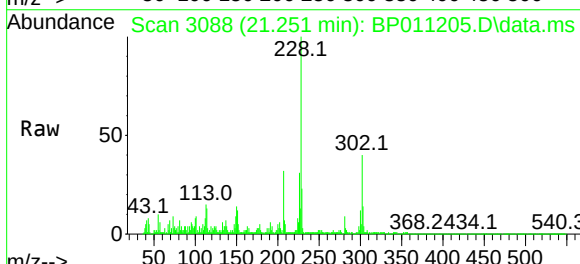
Tgt Ion:149 Resp: 8976
Ion Ratio Lower Upper
149 100
167 23.7 22.6 33.8
279 4.2 4.2 6.4

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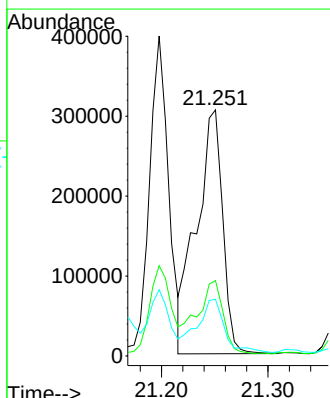
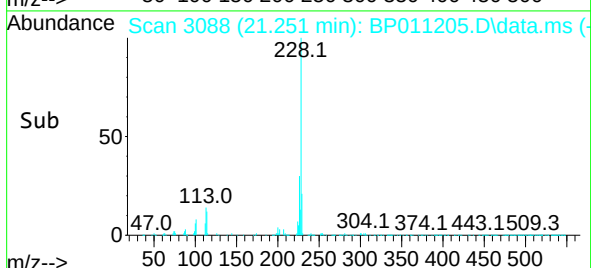
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022

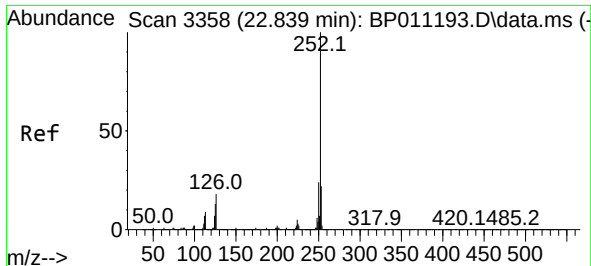


#87
Chrysene
Concen: 9.849 ng/ul
RT: 21.251 min Scan# 3088
Delta R.T. 0.006 min
Lab File: BP011205.D
Acq: 01 Aug 2022 18:12



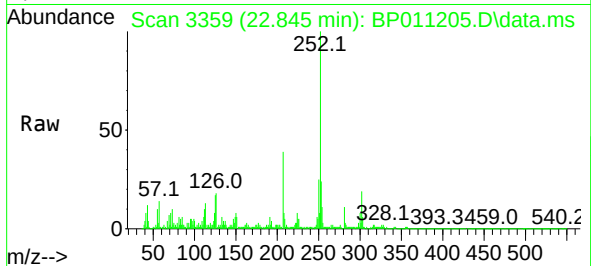
Tgt Ion:228 Resp: 523937
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 23.0 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 16.179 ng/ul
RT: 22.845 min Scan# 3358
Delta R.T. 0.006 min
Lab File: BP011205.D
Acq: 01 Aug 2022 18:12

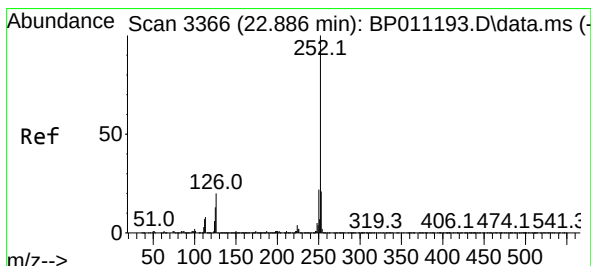
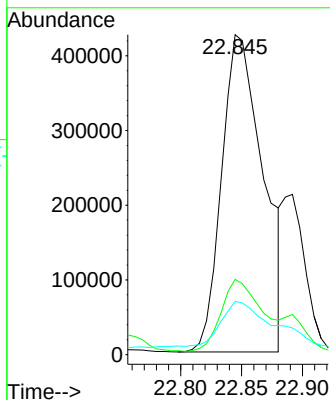
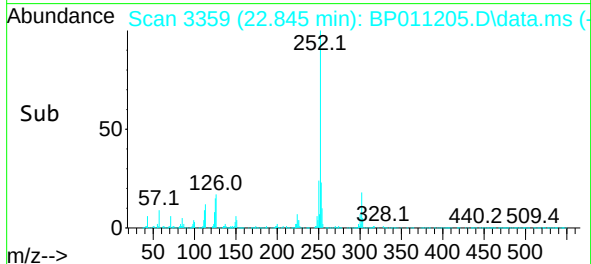
Instrument :
BNA_P
ClientSampleId :
DBUK5



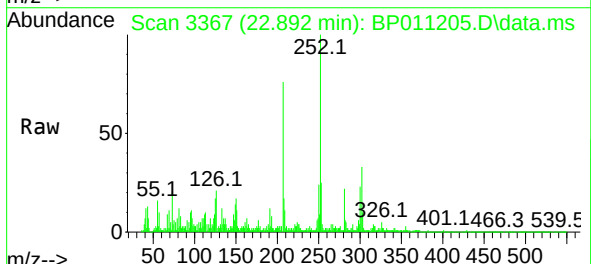
Tgt Ion:252 Resp: 100578
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 16.6 6.2 9.2

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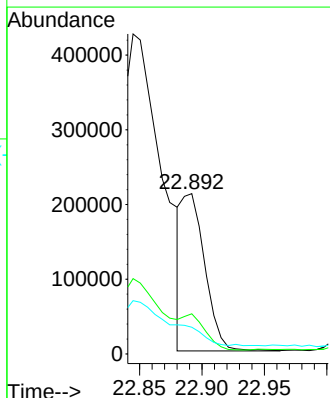
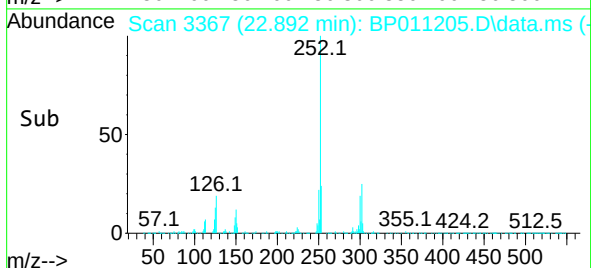
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022

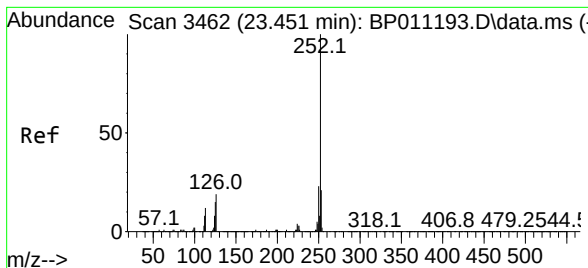


#91
Benzo(k)fluoranthene
Concen: 4.574 ng/ul m
RT: 22.892 min Scan# 3367
Delta R.T. -0.000 min
Lab File: BP011205.D
Acq: 01 Aug 2022 18:12



Tgt Ion:252 Resp: 269864
Ion Ratio Lower Upper
252 100
253 25.1 17.0 25.4
125 16.7 6.2 9.4





#93

Benzo(a)pyrene

Concen: 10.122 ng/ul

RT: 23.456 min Scan# 3462

Delta R.T. 0.006 min

Lab File: BP011205.D

Acq: 01 Aug 2022 18:12

Instrument :

BNA_P

ClientSampleId :

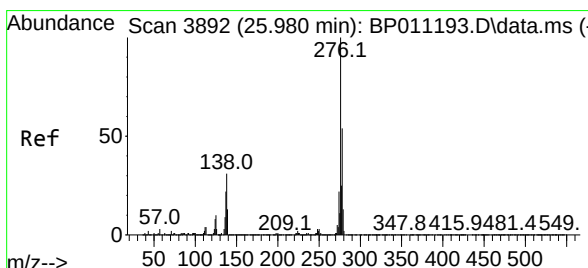
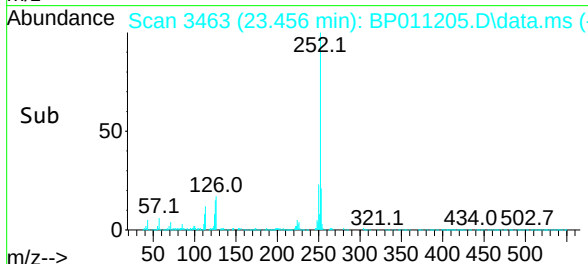
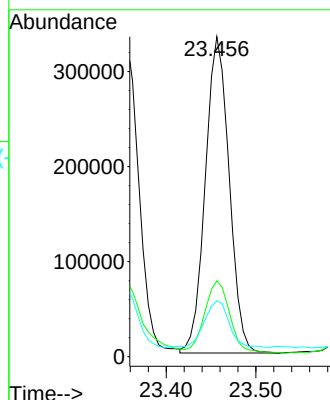
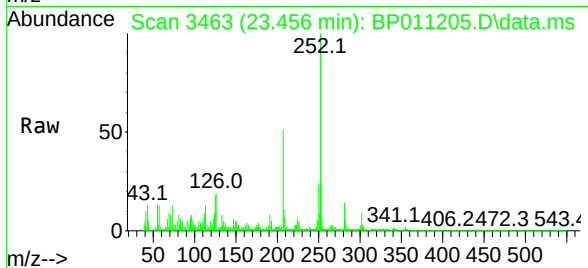
DBUK5

Tgt Ion:	252	Resp:	61379
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	17.5	6.6	10.0

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.709 ng/ul

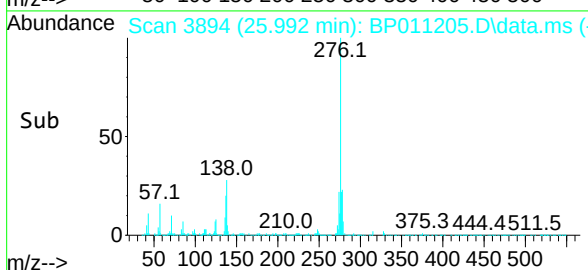
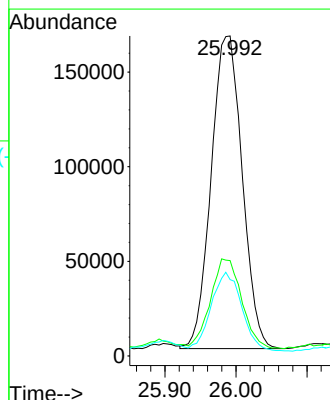
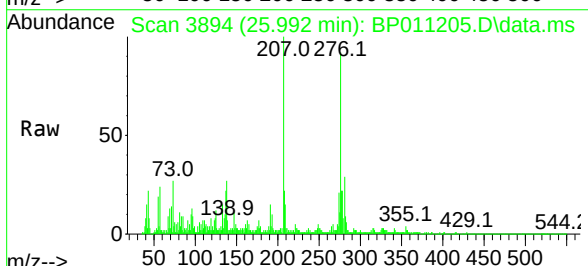
RT: 25.992 min Scan# 3894

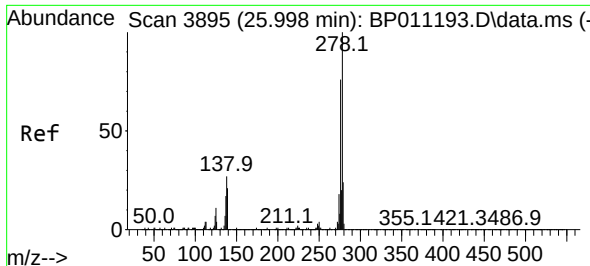
Delta R.T. 0.012 min

Lab File: BP011205.D

Acq: 01 Aug 2022 18:12

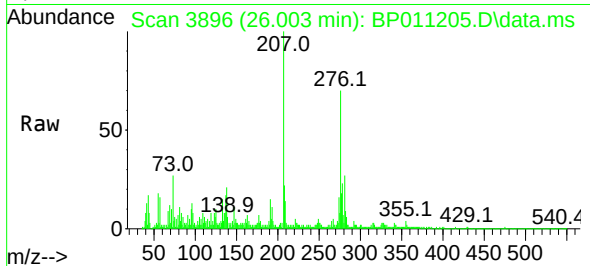
Tgt Ion:	276	Resp:	501187
Ion Ratio	Lower	Upper	
276	100		
138	29.8	14.6	22.0
277	23.9	19.6	29.4





#95
Dibenzo(a,h)anthracene
Concen: 2.230 ng/ul
RT: 26.003 min Scan# 3895
Delta R.T. -0.000 min
Lab File: BP011205.D
Acq: 01 Aug 2022 18:12

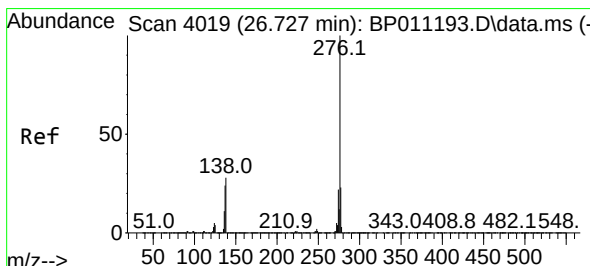
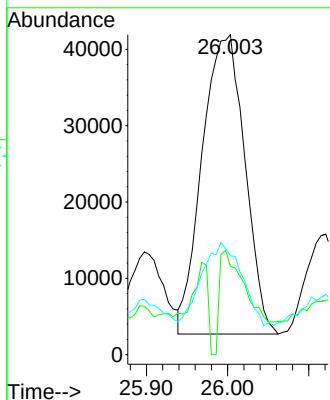
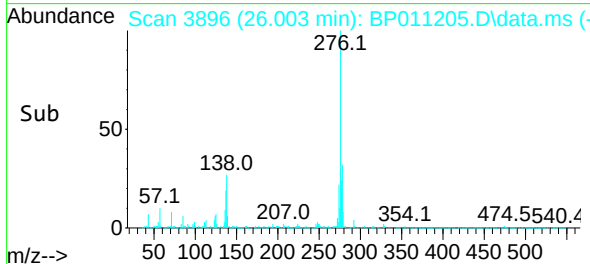
Instrument :
BNA_P
ClientSampleId :
DBUK5



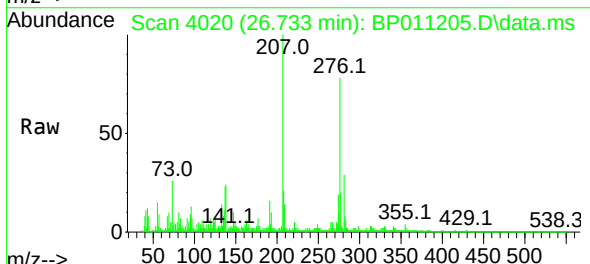
Tgt Ion: 278 Resp: 142899
Ion Ratio Lower Upper
278 100
139 27.6 9.4 14.2
279 30.9 18.9 28.3

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 7.289 ng/ul
RT: 26.733 min Scan# 4020
Delta R.T. 0.012 min
Lab File: BP011205.D
Acq: 01 Aug 2022 18:12



Tgt Ion: 276 Resp: 470938
Ion Ratio Lower Upper
276 100
138 30.4 12.7 19.1
277 25.0 18.2 27.4

