

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011218.D
 Acq On : 02 Aug 2022 02:12
 Operator : CG/JU
 Sample : N3790-14DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBUK8DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 02:50:07 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	7.646	152	281490	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1249111	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.316	164	699475	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	1431687	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.210	240	1257779	20.000	ng/ul	# 0.00
88) Perylene-d12	23.557	264	1349086	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	2809	0.457	ng/uL	0.00
4) Pyridine-d5	3.581	84	13211m	0.760	ng/ul	0.02
7) Phenol-d5	6.828	99	93514	3.806	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	69973	4.028	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	80612	4.163	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	53914	2.682	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	36314	3.741	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	34117	3.669	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	67801	4.137	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	19181m	0.722	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	221328	4.644	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	283528	4.734	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.316	176	197900	4.942	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.181	188	293626	4.655	ng/ul	0.00
81) Pyrene-d10	19.445	212	341123	5.047	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	319988	4.775	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.487	128	140956	2.145	ng/ul	100
50) Acenaphthylene	14.034	152	127756	1.910	ng/ul	96
52) Acenaphthene	14.375	153	103284	2.363	ng/ul	96
56) Dibenzofuran	14.716	168	101362	1.706	ng/ul	98
61) Fluorene	15.369	166	128731	2.787	ng/ul	99
72) Phenanthrene	17.128	178	2291697	29.248	ng/ul	98
74) Anthracene	17.216	178	526870	6.797	ng/ul	99
77) Carbazole	17.498	167	381460	5.555	ng/ul	97
80) Fluoranthene	19.122	202	4037301	48.359	ng/ul#	86
82) Pyrene	19.475	202	3494546	40.733	ng/ul#	82
85) Benzo(a)anthracene	21.198	228	1809894	23.148	ng/ul	95
87) Chrysene	21.245	228	1744467	22.443	ng/ul	97
90) Benzo(b)fluoranthene	22.845	252	2458038	28.902	ng/ul#	94
91) Benzo(k)fluoranthene	22.886	252	866444	10.734	ng/ul#	92
93) Benzo(a)pyrene	23.451	252	1615227	19.471	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.980	276	1187678	11.621	ng/ul#	90
95) Dibenzo(a,h)anthracene	25.986	278	308170	3.516	ng/ul#	82
96) Benzo(g,h,i)perylene	26.727	276	961848	10.882	ng/ul#	87

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

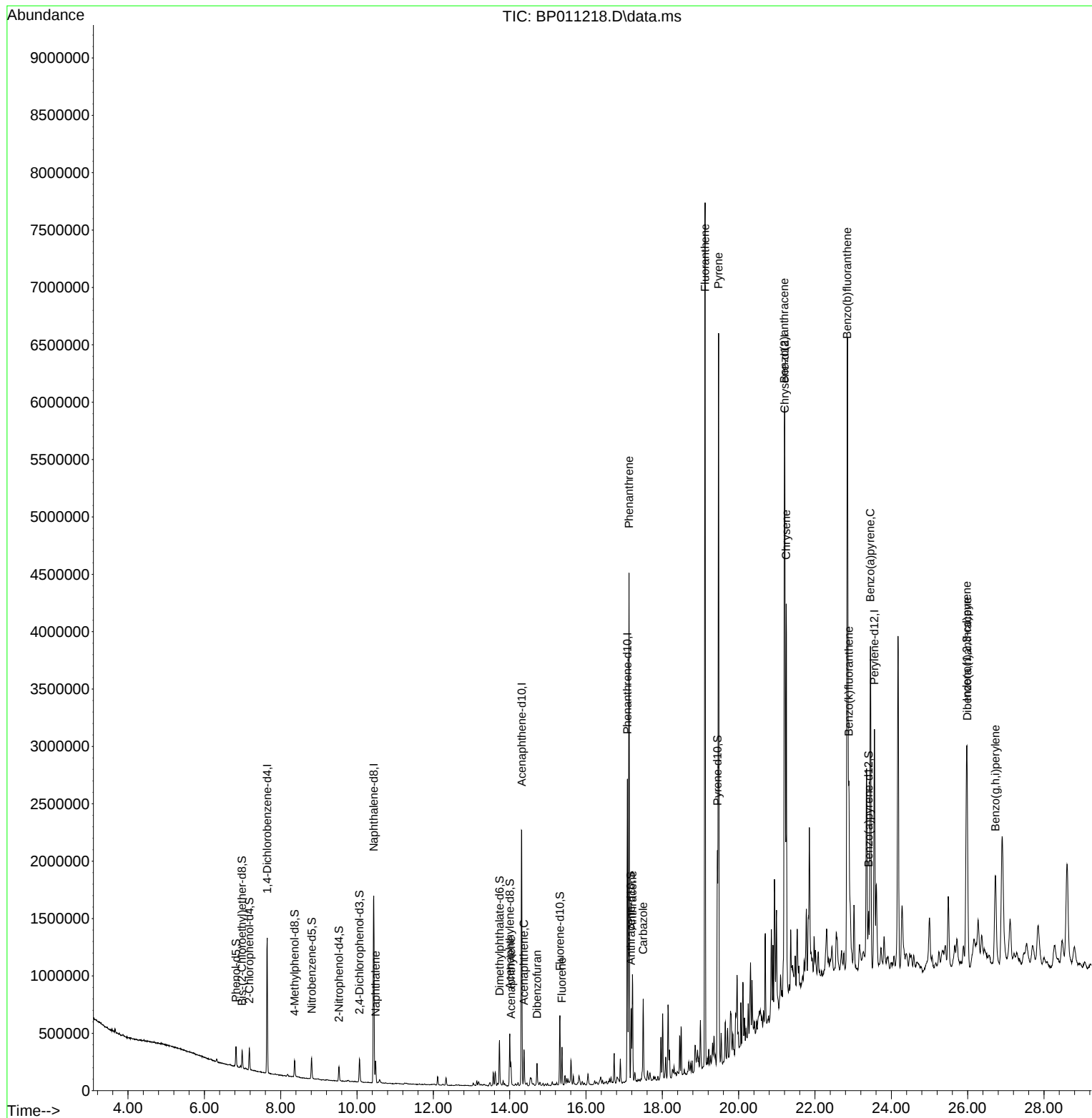
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011218.D
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 ALS Vial : 28 Sample Multiplier: 1

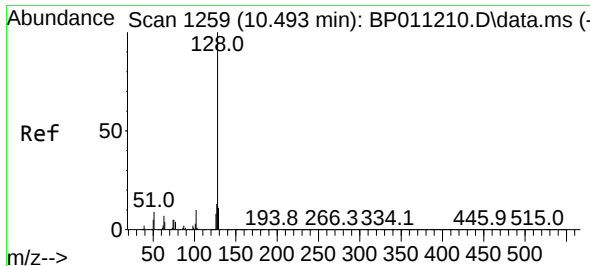
Instrument :
 BNA_P
 ClientSampleId :
 DBUK8DL

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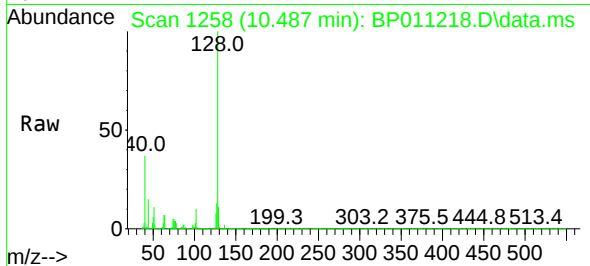
Quant Time: Aug 02 02:50:07 2022
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 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 2.145 ng/ul
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12

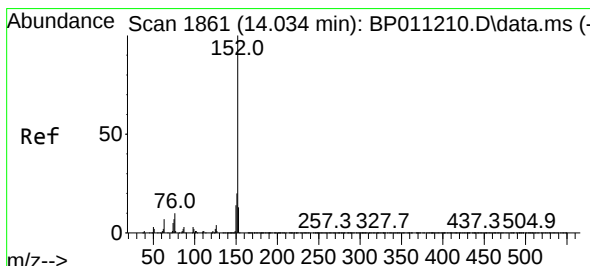
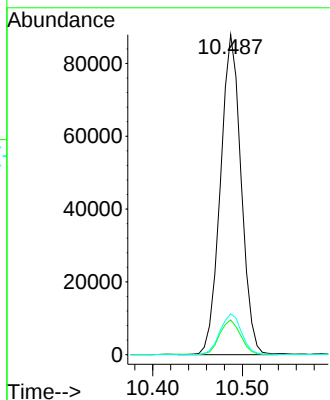
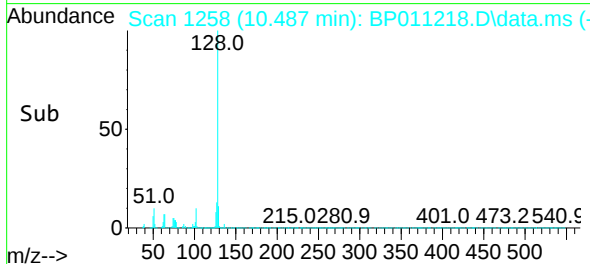
Instrument :
BNA_P
ClientSampleId :
DBUK8DL



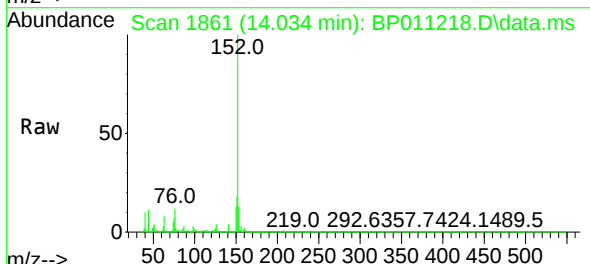
Tgt Ion:128 Resp: 140950
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.2 15.4

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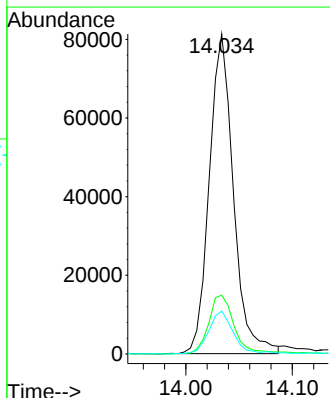
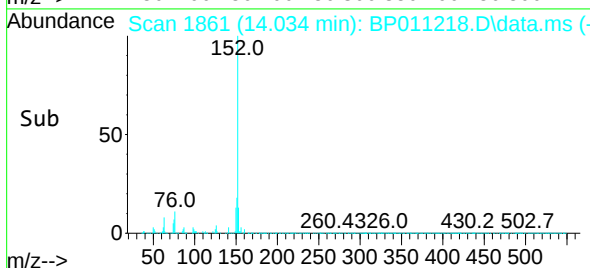
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022

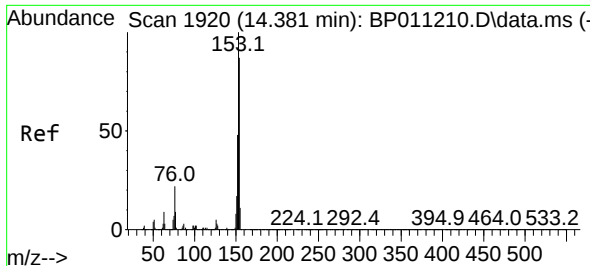


#50
Acenaphthylene
Concen: 1.910 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12



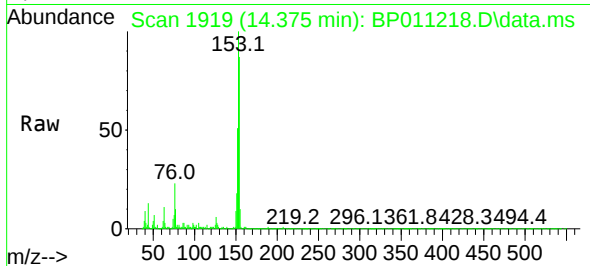
Tgt Ion:152 Resp: 127756
Ion Ratio Lower Upper
152 100
151 18.4 16.5 24.7
153 13.4 10.1 15.1





#52
Acenaphthene
Concen: 2.363 ng/ul
RT: 14.375 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12

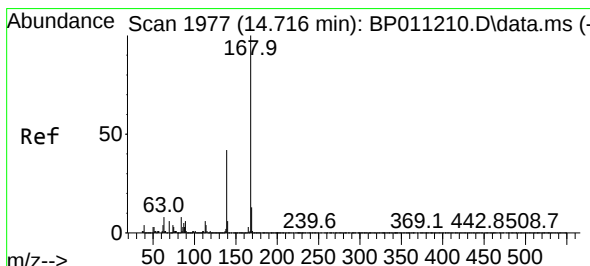
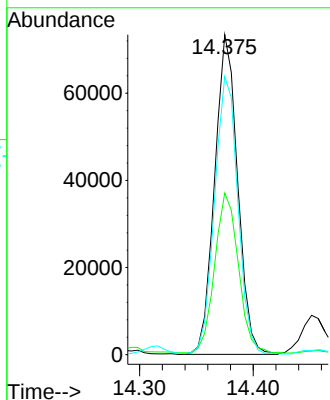
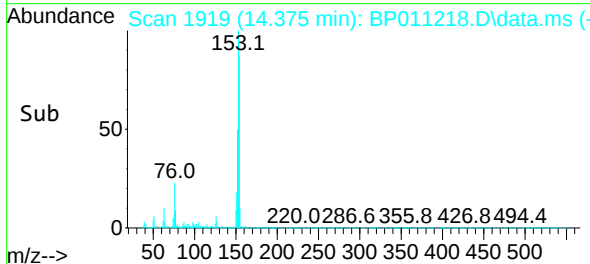
Instrument :
BNA_P
ClientSampleId :
DBUK8DL



Tgt Ion:153 Resp: 103284
Ion Ratio Lower Upper
153 100
152 50.6 36.2 54.2
154 87.0 70.8 106.2

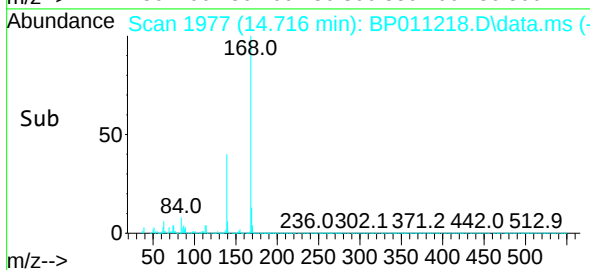
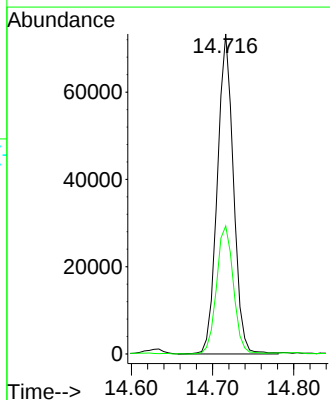
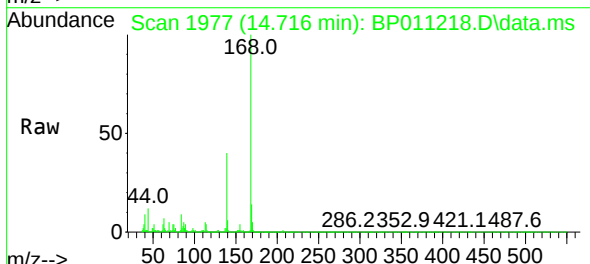
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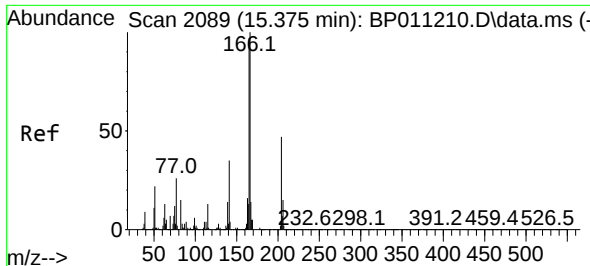
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022



#56
Dibenzofuran
Concen: 1.706 ng/ul
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12

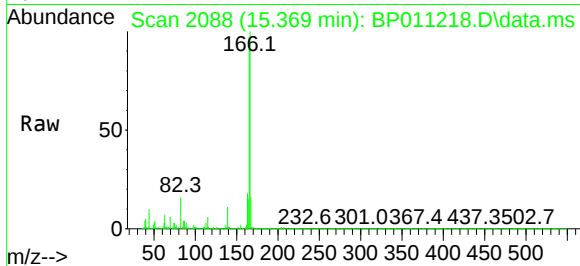
Tgt Ion:168 Resp: 101362
Ion Ratio Lower Upper
168 100
139 40.0 32.8 49.2





#61
Fluorene
Concen: 2.787 ng/ul
RT: 15.369 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12

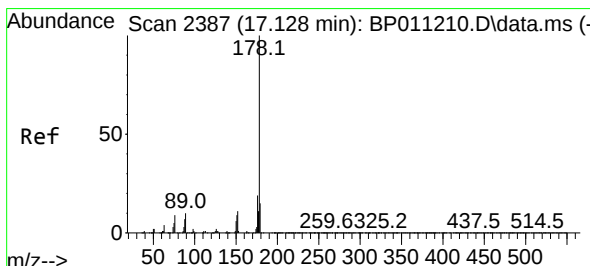
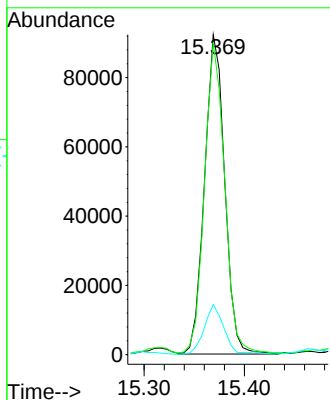
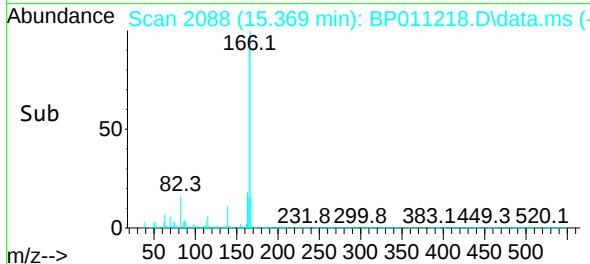
Instrument :
BNA_P
ClientSampleId :
DBUK8DL



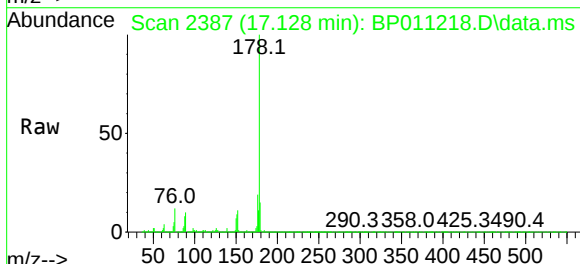
Tgt Ion:166 Resp: 12873
Ion Ratio Lower Upper
166 100
165 97.5 77.4 116.2
167 15.6 10.8 16.2

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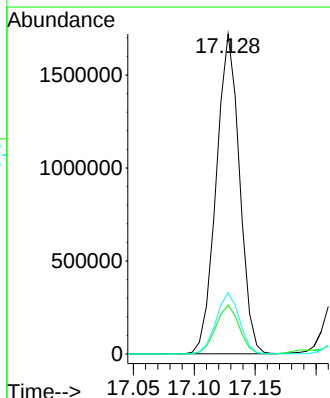
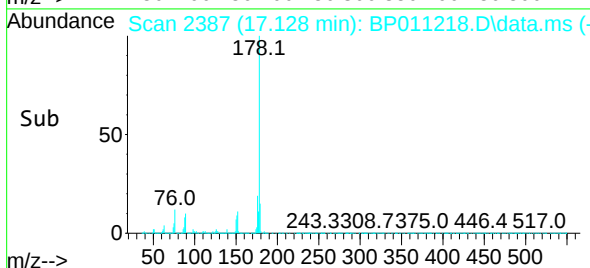
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022

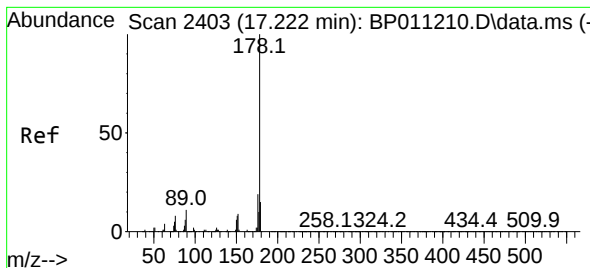


#72
Phenanthrene
Concen: 29.248 ng/ul
RT: 17.128 min Scan# 2387
Delta R.T. 0.000 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12



Tgt Ion:178 Resp: 2291697
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.1 14.6 22.0





#74

Anthracene

Concen: 6.797 ng/u1

RT: 17.216 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BP011218.D

Acq: 02 Aug 2022 02:12

Instrument :

BNA_P

ClientSampleId :

DBUK8DL

Tgt Ion:178 Resp: 526870

Ion Ratio Lower Upper

178 100

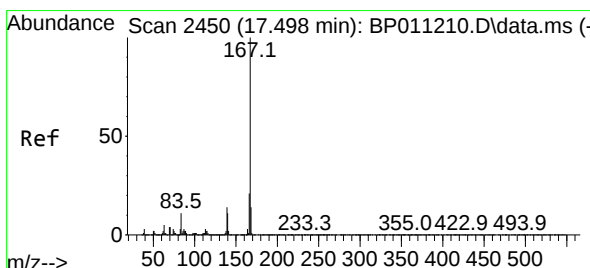
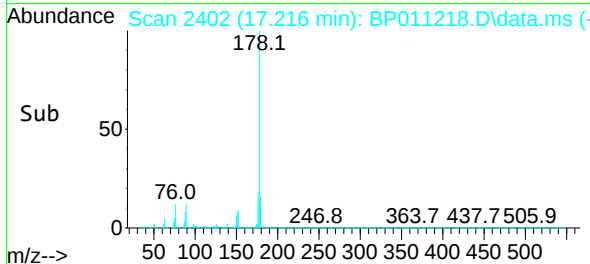
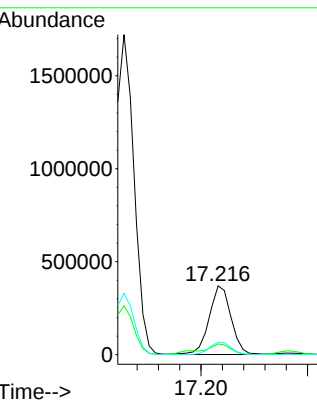
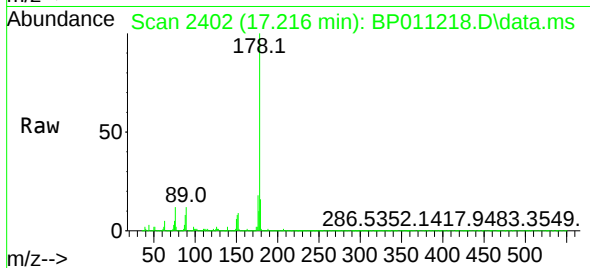
179 15.6 12.2 18.2

176 18.3 14.5 21.7

Manual Integrations

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



#77

Carbazole

Concen: 5.555 ng/u1

RT: 17.498 min Scan# 2450

Delta R.T. 0.000 min

Lab File: BP011218.D

Acq: 02 Aug 2022 02:12

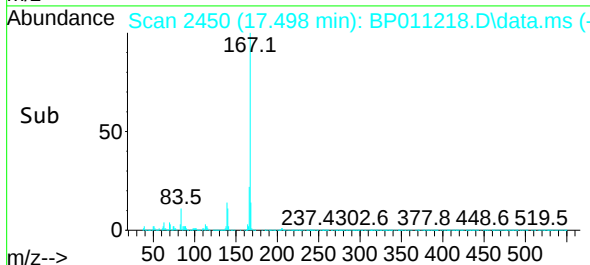
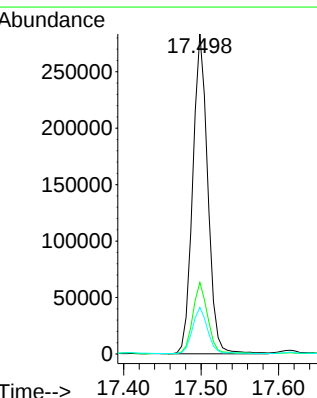
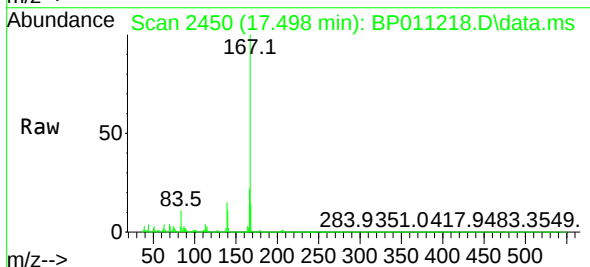
Tgt Ion:167 Resp: 381460

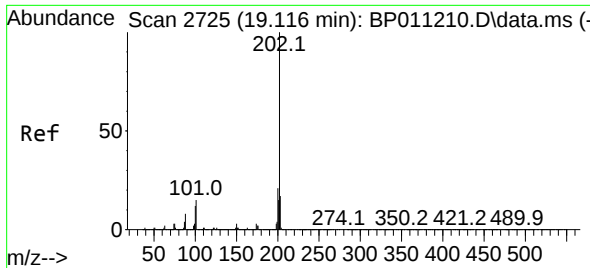
Ion Ratio Lower Upper

167 100

166 22.3 16.9 25.3

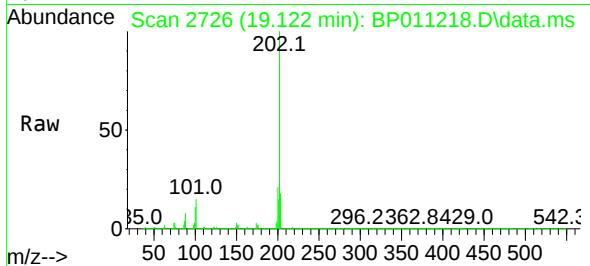
139 14.6 10.6 16.0





#80
Fluoranthene
Concen: 48.359 ng/u1
RT: 19.122 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12

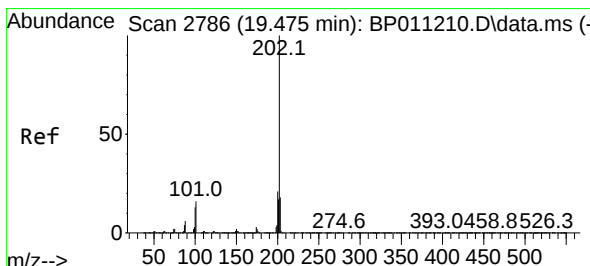
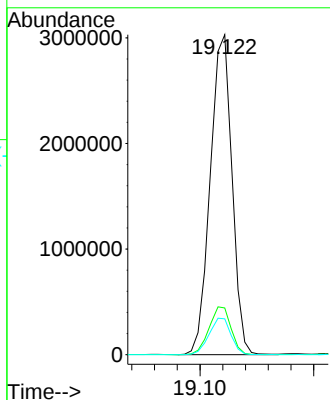
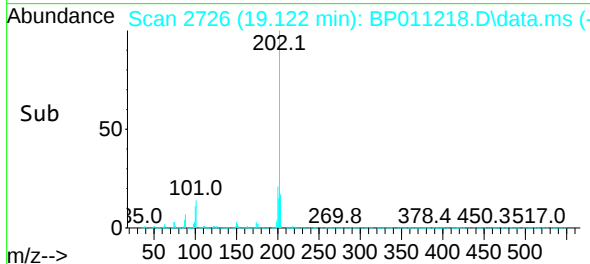
Instrument :
BNA_P
ClientSampleId :
DBUK8DL



Tgt Ion:202 Resp: 403730
Ion Ratio Lower Upper
202 100
101 14.6 7.1 10.7
100 11.2 5.7 8.5

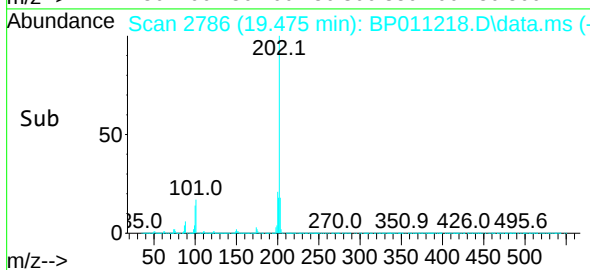
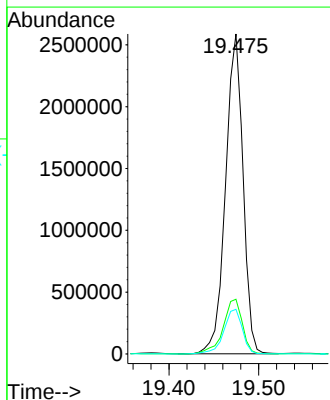
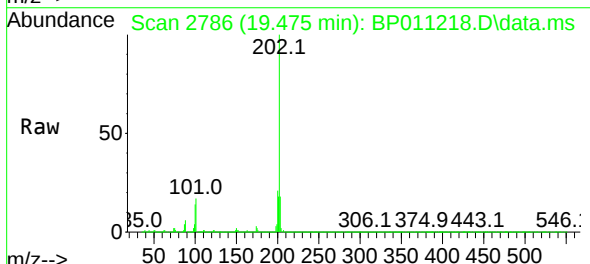
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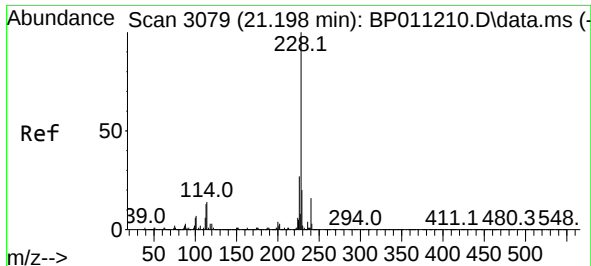
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022



#82
Pyrene
Concen: 40.733 ng/u1
RT: 19.475 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12

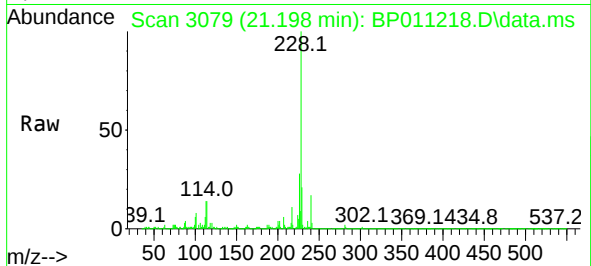
Tgt Ion:202 Resp: 3494546
Ion Ratio Lower Upper
202 100
101 17.1 7.9 11.9#
100 14.0 6.7 10.1#





#85
Benzo(a)anthracene
Concen: 23.148 ng/u1
RT: 21.198 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12

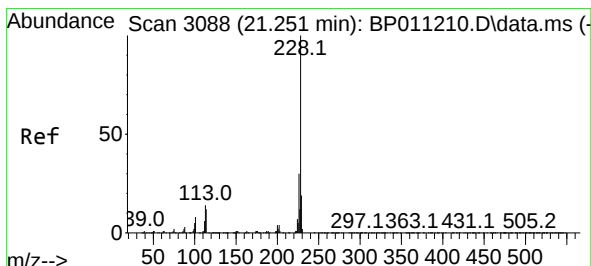
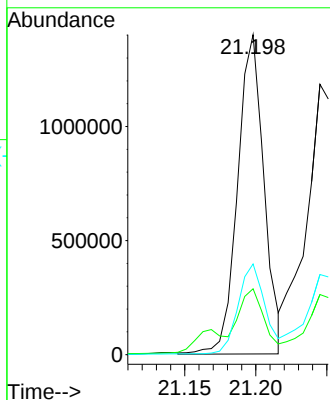
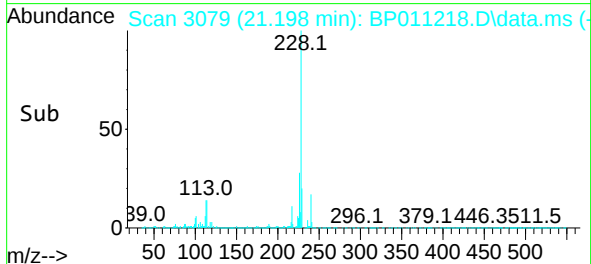
Instrument :
BNA_P
ClientSampleId :
DBUK8DL



Tgt Ion:228 Resp: 1809894
Ion Ratio Lower Upper
228 100
229 20.6 15.0 22.4
226 28.4 20.6 31.0

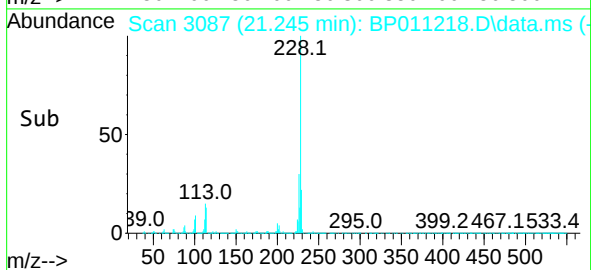
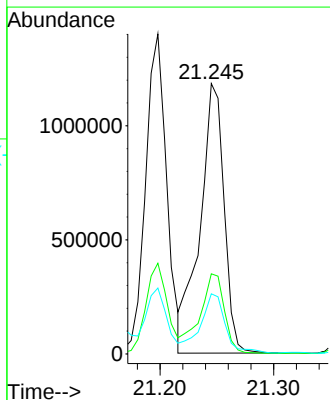
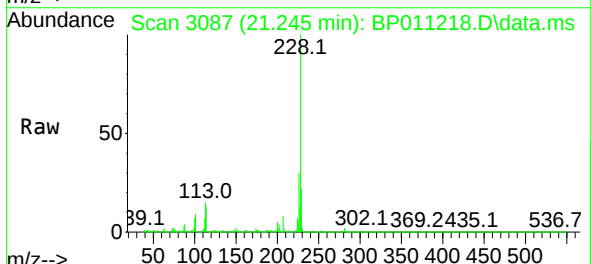
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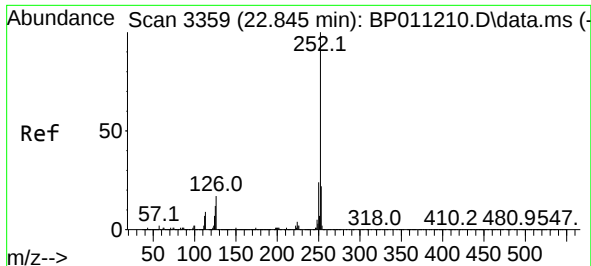
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022



#87
Chrysene
Concen: 22.443 ng/u1
RT: 21.245 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12

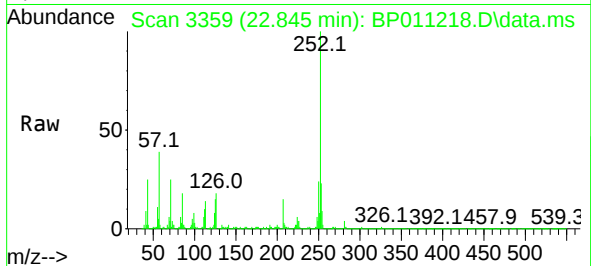
Tgt Ion:228 Resp: 1744467
Ion Ratio Lower Upper
228 100
226 29.7 23.6 35.4
229 22.2 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 28.902 ng/u1
RT: 22.845 min Scan# 3359
Delta R.T. 0.006 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12

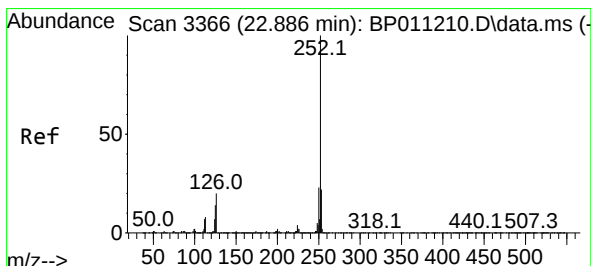
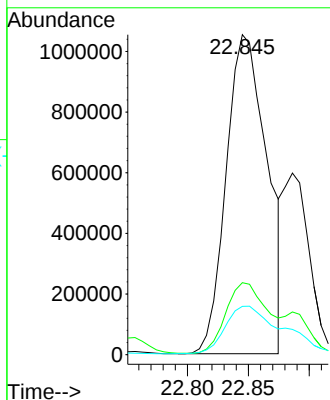
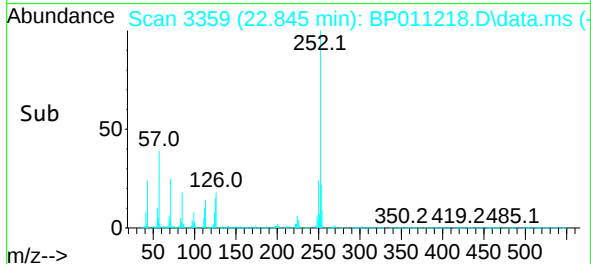
Instrument :
BNA_P
ClientSampleId :
DBUK8DL



Tgt Ion:252 Resp: 2458038
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 15.1 6.2 9.2

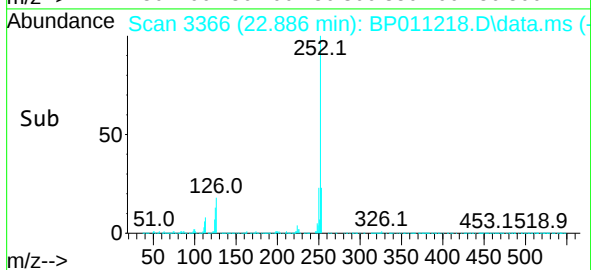
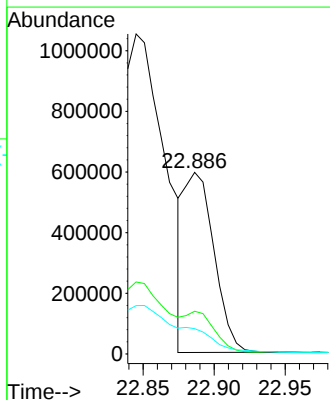
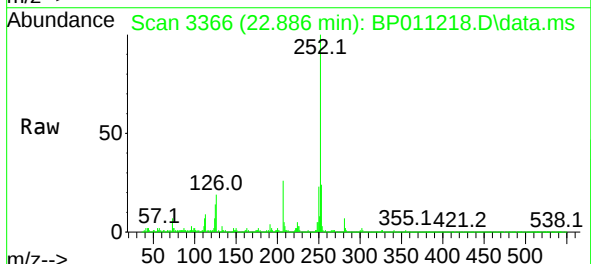
Manual Integrations
APPROVED

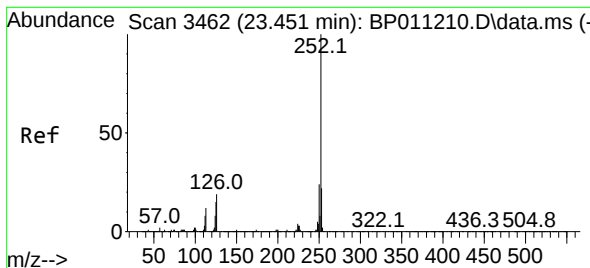
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022



#91
Benzo(k)fluoranthene
Concen: 10.734 ng/u1
RT: 22.886 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BP011218.D
Acq: 02 Aug 2022 02:12

Tgt Ion:252 Resp: 866444
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 13.9 6.2 9.4





#93

Benzo(a)pyrene

Concen: 19.471 ng/ul

RT: 23.451 min Scan# 3462

Delta R.T. 0.000 min

Lab File: BP011218.D

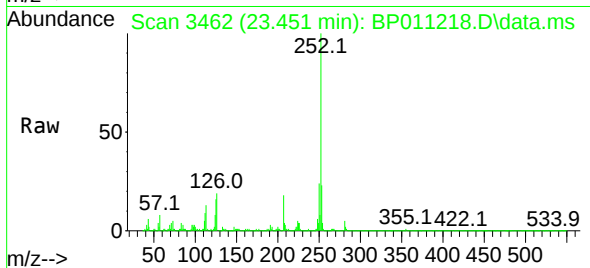
Acq: 02 Aug 2022 02:12

Instrument :

BNA_P

ClientSampleId :

DBUK8DL



Tgt Ion:252 Resp: 161522

Ion Ratio Lower Upper

252 100

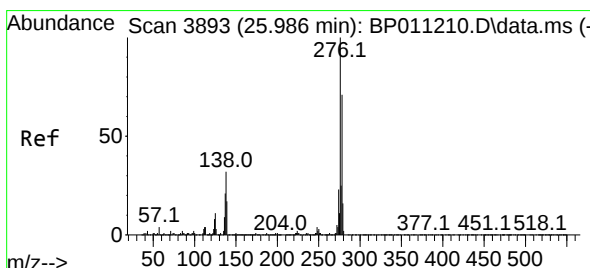
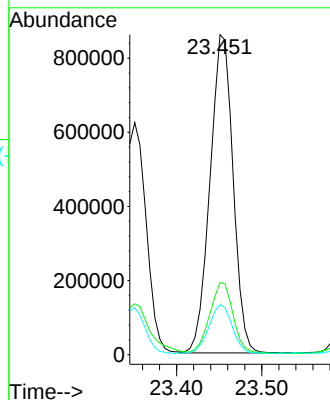
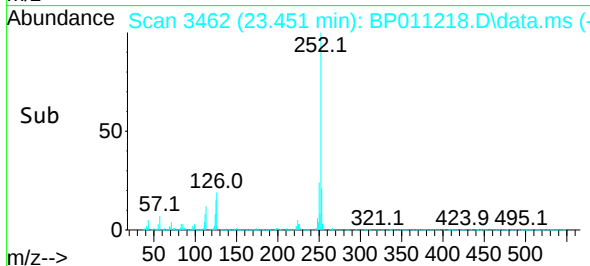
253 22.5 17.4 26.0

125 15.6 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: 11.621 ng/ul

RT: 25.980 min Scan# 3892

Delta R.T. 0.000 min

Lab File: BP011218.D

Acq: 02 Aug 2022 02:12

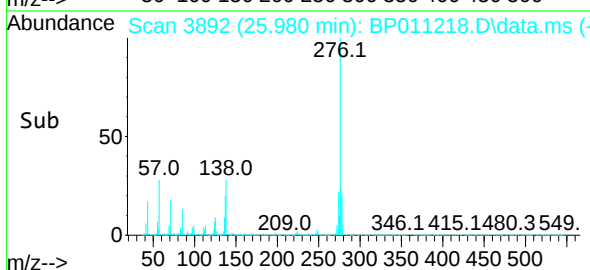
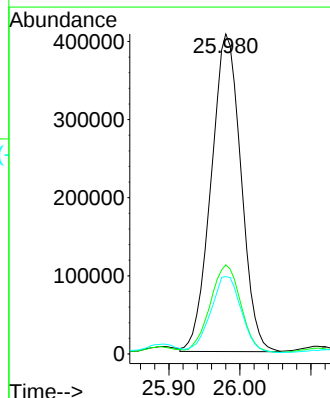
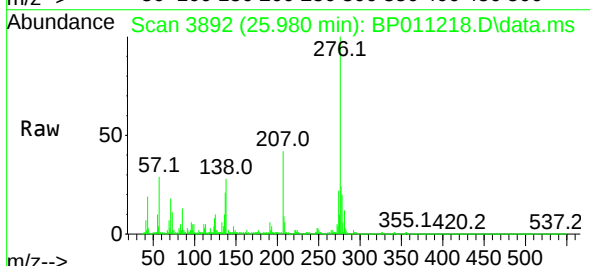
Tgt Ion:276 Resp: 1187678

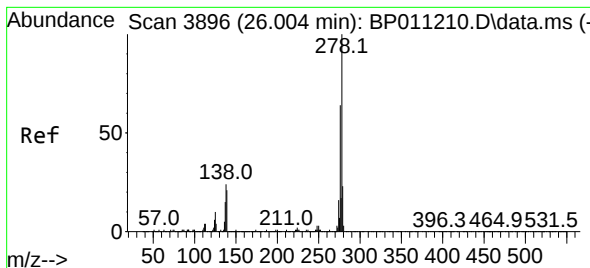
Ion Ratio Lower Upper

276 100

138 27.8 14.6 22.0

277 24.1 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 3.516 ng/ul

RT: 25.986 min Scan# 3896

Delta R.T. -0.018 min

Lab File: BP011218.D

Acq: 02 Aug 2022 02:12

Instrument :

BNA_P

ClientSampleId :

DBUK8DL

Tgt Ion:278 Resp: 308170

Ion Ratio Lower Upper

278 100

139 0.0 9.4 14.2

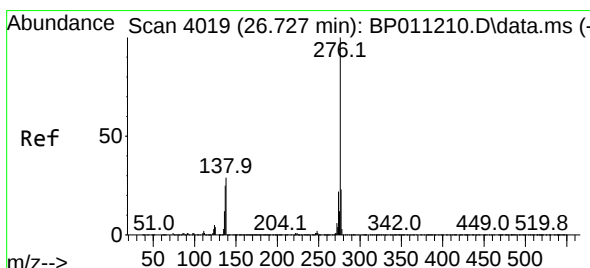
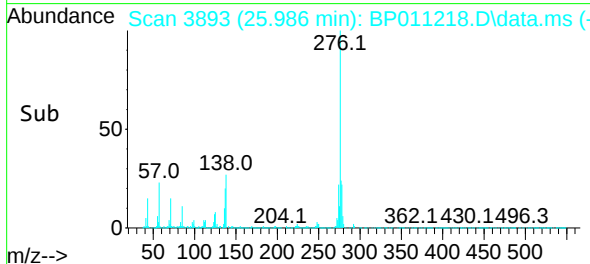
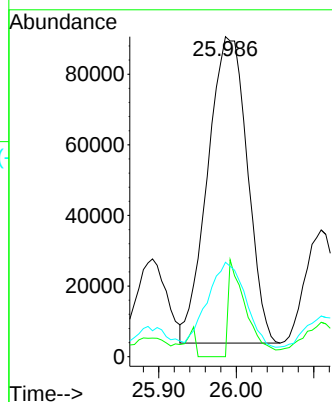
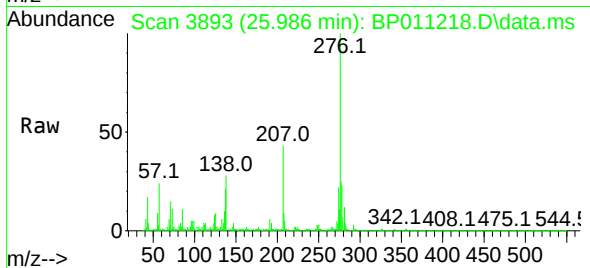
279 29.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022

Supervised By :mohammad ahmed 08/03/2022



#96

Benzo(g,h,i)perylene

Concen: 10.882 ng/ul

RT: 26.727 min Scan# 4019

Delta R.T. 0.006 min

Lab File: BP011218.D

Acq: 02 Aug 2022 02:12

Tgt Ion:276 Resp: 961848

Ion Ratio Lower Upper

276 100

138 28.7 12.7 19.1

277 23.1 18.2 27.4

