

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016920.D
 Acq On : 01 Sep 2023 22:09
 Operator : MA/JU
 Sample : 04113-09DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYH8DL

Quant Time: Sep 02 02:29:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/04/2023
 Supervised By :mohammad ahmed 09/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	321680	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	1418518	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.675	164	882319	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1916644	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1637615	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	1476013	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	12088	1.553	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.163	99	233919	8.178	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	156570	8.588	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	181653	8.446	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	169801	7.272	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	92384	8.614	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	95188	8.420	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.457	165	180004	8.541	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	60129	1.860	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	599337	9.007	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	680421	9.046	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	37463	2.724	ng/u1	0.00
60) Fluorene-d10	15.669	176	537240	9.588	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.539	188	828845	9.756	ng/u1	0.00
81) Pyrene-d10	19.775	212	978605	10.881	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	735385	9.946	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.869	105	75980	2.098	ng/u1	95
30) Naphthalene	10.899	128	123324	1.678	ng/u1	97
36) 2-Methylnaphthalene	12.499	142	105684	2.084	ng/u1	100
37) 1-Methylnaphthalene	12.716	142	81319	1.590	ng/u1#	99
50) Acenaphthylene	14.398	152	150928	1.753	ng/u1	99
52) Acenaphthene	14.740	153	97173	1.706	ng/u1	97
61) Fluorene	15.722	166	188084	2.877	ng/u1	100
72) Phenanthrene	17.486	178	2146772	21.276	ng/u1	100
74) Anthracene	17.575	178	769291	7.540	ng/u1	100
77) Carbazole	17.857	167	122260	1.331	ng/u1#	95
80) Fluoranthene	19.451	202	4664038	43.169	ng/u1	100
82) Pyrene	19.810	202	4371775	39.173	ng/u1	99
85) Benzo(a)anthracene	21.527	228	2637173	23.379	ng/u1	99
87) Chrysene	21.586	228	3570607	34.847	ng/u1	98
90) Benzo(b)fluoranthene	23.316	252	4330127	45.941	ng/u1	97
91) Benzo(k)fluoranthene	23.363	252	1523822m	16.347	ng/u1	
93) Benzo(a)pyrene	23.998	252	2536842	29.756	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.839	276	2046430	23.490	ng/u1	98
95) Dibenzo(a,h)anthracene	26.857	278	562129	7.769	ng/u1	96
96) Benzo(g,h,i)perylene	27.698	276	2042474	30.924	ng/u1	99

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

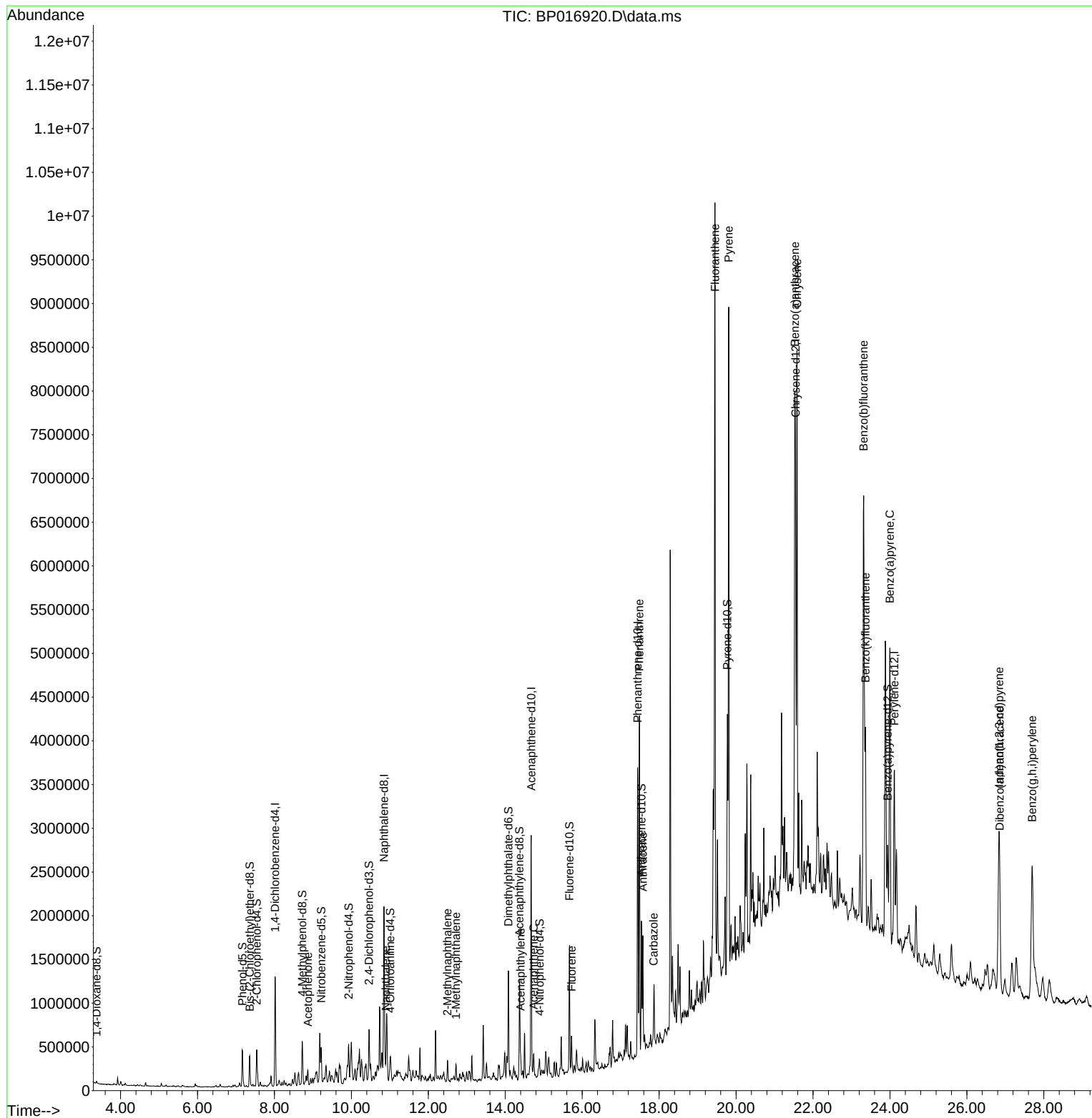
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
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 ALS Vial : 18 Sample Multiplier: 1

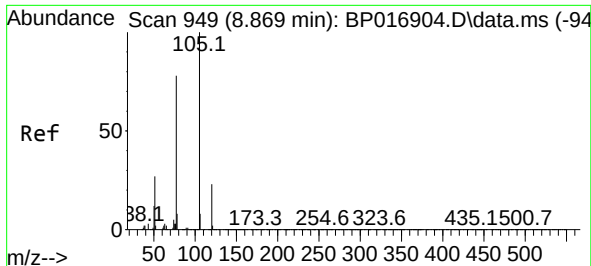
Instrument :
 BNA_P
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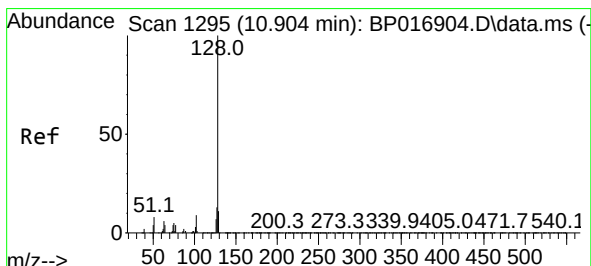
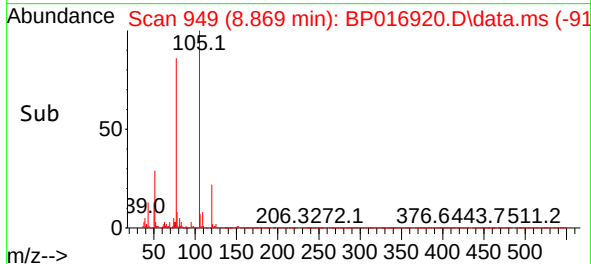
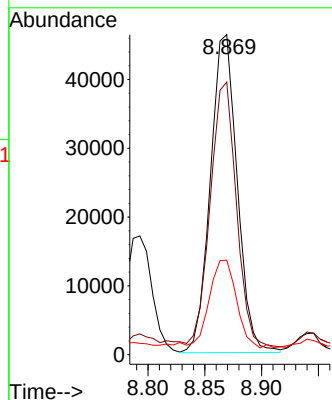
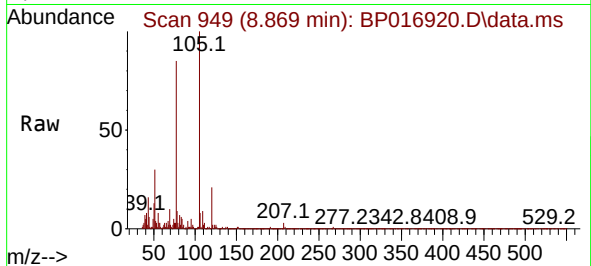
#16
Acetophenone
Concen: 2.098 ng/ul
RT: 8.869 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09

Instrument :
BNA_P
ClientSampleId :
EZYH8DL

Tgt Ion:105 Resp: 75980
Ion Ratio Lower Upper
105 100
77 85.2 64.2 96.4
51 29.6 22.2 33.4

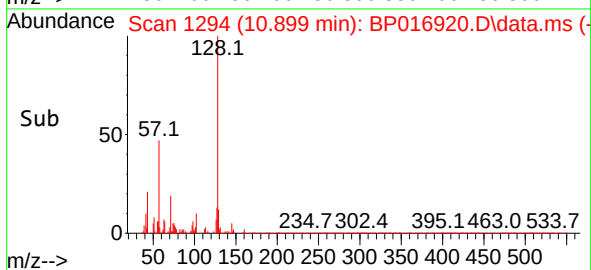
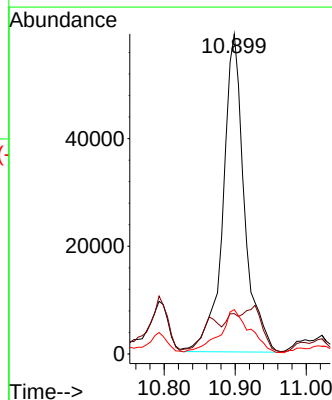
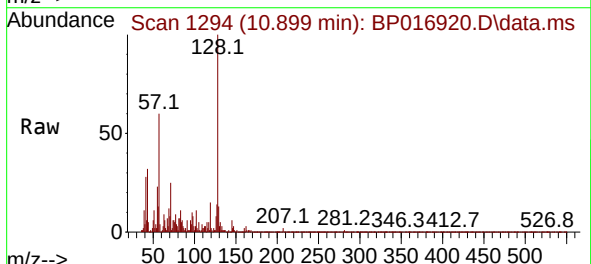
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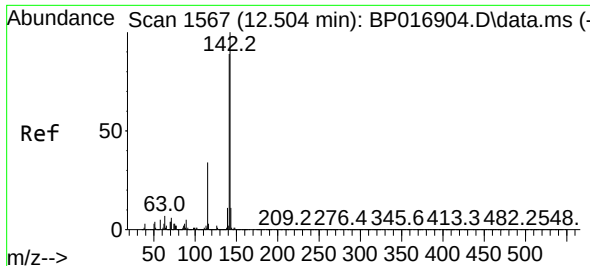
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023



#30
Naphthalene
Concen: 1.678 ng/ul
RT: 10.899 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09

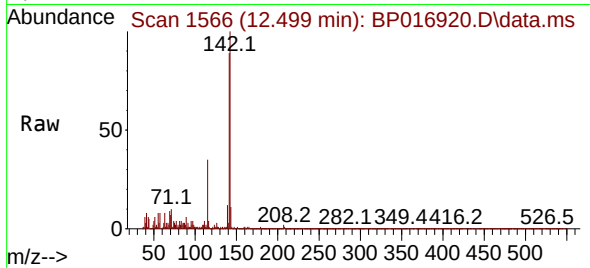
Tgt Ion:128 Resp: 123324
Ion Ratio Lower Upper
128 100
129 12.6 8.8 13.2
127 13.9 10.3 15.5





#36
2-Methylnaphthalene
Concen: 2.084 ng/ul
RT: 12.499 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09

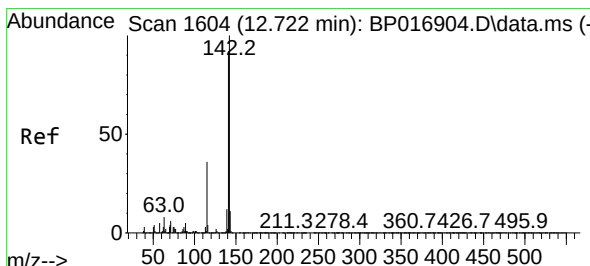
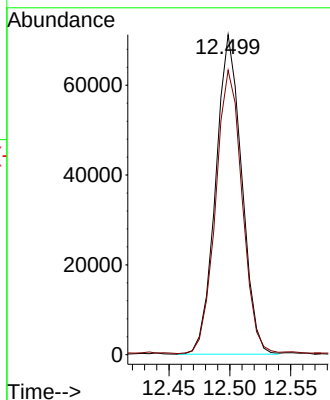
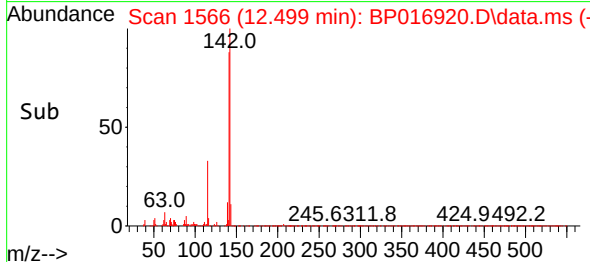
Instrument :
BNA_P
ClientSampleId :
EZYH8DL



Tgt Ion:142 Resp: 105684
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0

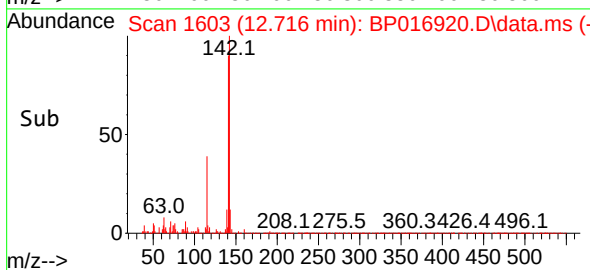
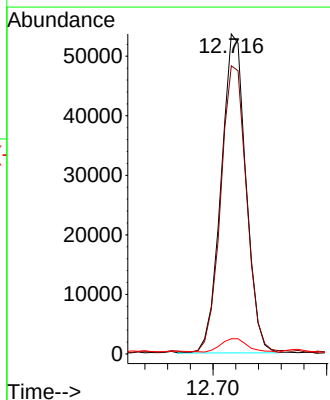
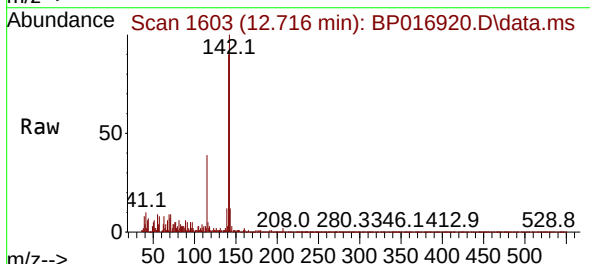
Manual Integrations
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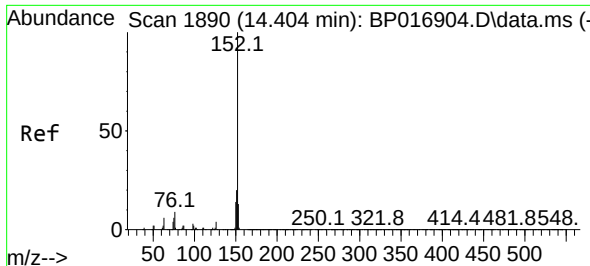
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023



#37
1-Methylnaphthalene
Concen: 1.590 ng/ul
RT: 12.716 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09

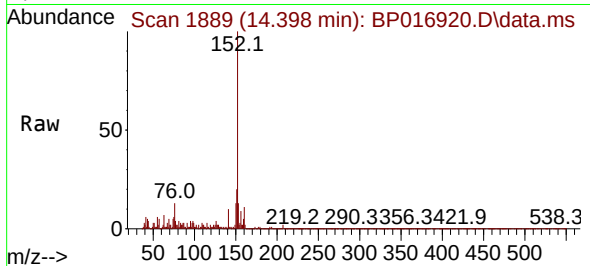
Tgt Ion:142 Resp: 81319
Ion Ratio Lower Upper
142 100
141 90.1 73.0 109.4
116 4.8 3.1 4.7#





#50
Acenaphthylene
Concen: 1.753 ng/ul
RT: 14.398 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09

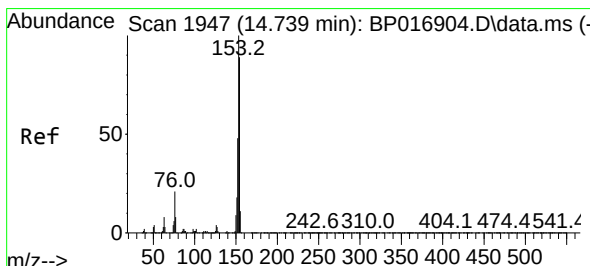
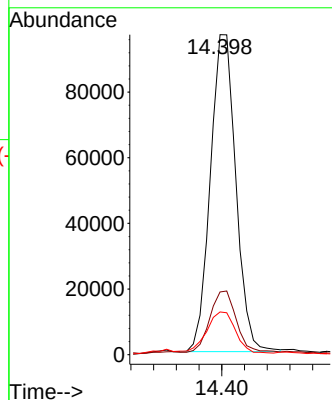
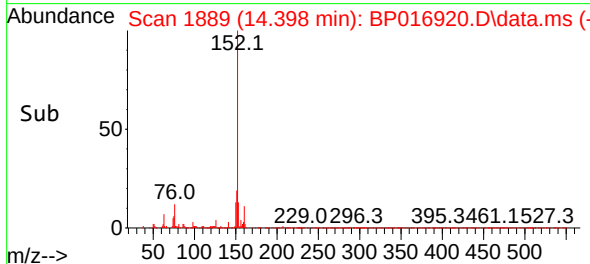
Instrument :
BNA_P
ClientSampleId :
EZYH8DL



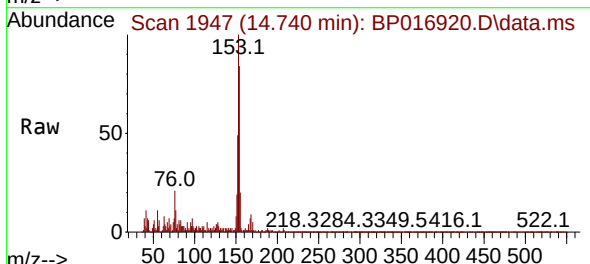
Tgt Ion:152 Resp: 150928
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.4 10.6 15.8

Manual Integrations
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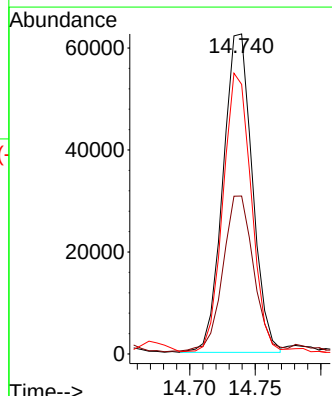
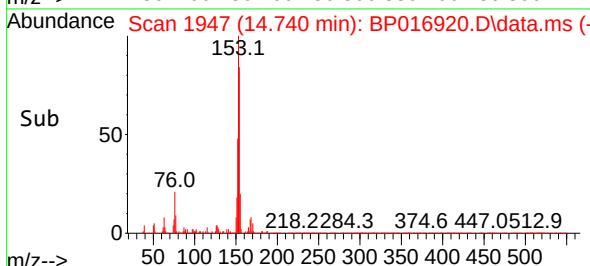
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023

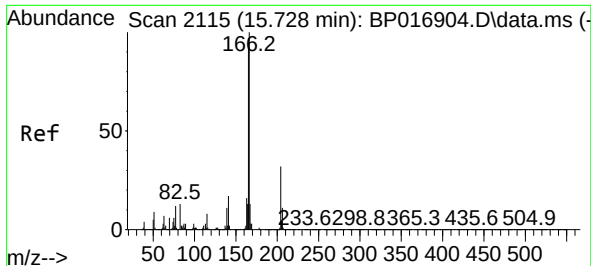


#52
Acenaphthene
Concen: 1.706 ng/ul
RT: 14.740 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09



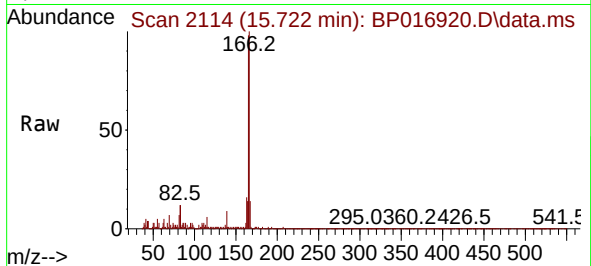
Tgt Ion:153 Resp: 97173
Ion Ratio Lower Upper
153 100
152 49.3 38.5 57.7
154 84.2 70.6 105.8





#61
Fluorene
Concen: 2.877 ng/ul
RT: 15.722 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09

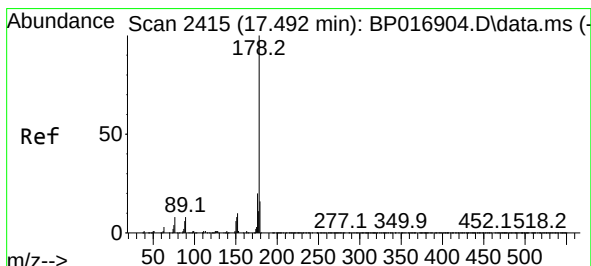
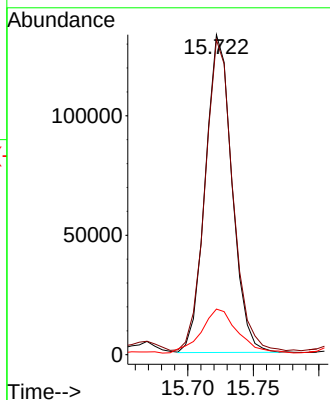
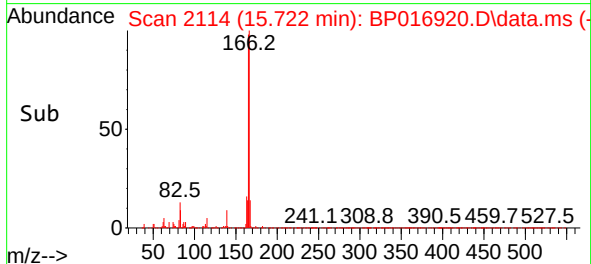
Instrument :
BNA_P
ClientSampleId :
EZYH8DL



Tgt Ion:166 Resp: 188084
Ion Ratio Lower Upper
166 100
165 98.4 78.8 118.2
167 14.3 10.9 16.3

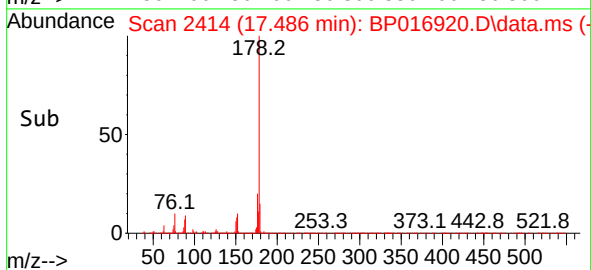
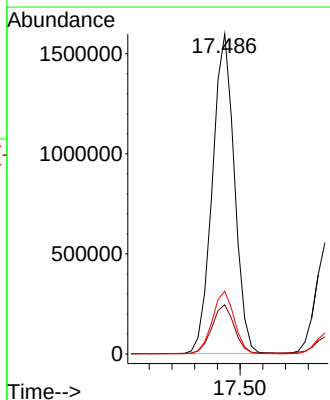
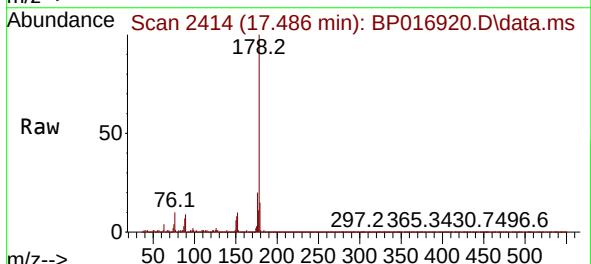
Manual Integrations
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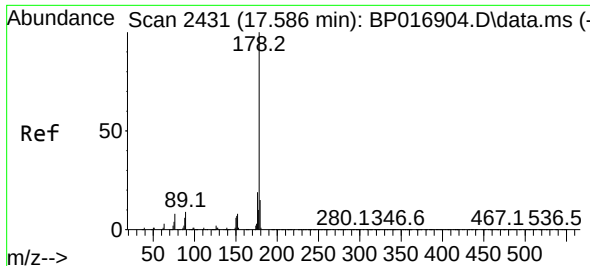
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023



#72
Phenanthrene
Concen: 21.276 ng/ul
RT: 17.486 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09

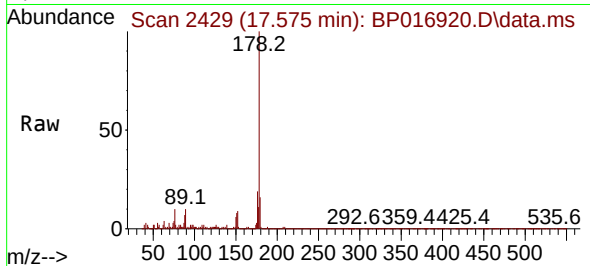
Tgt Ion:178 Resp: 2146772
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.6 15.6 23.4





#74
 Anthracene
 Concen: 7.540 ng/ul
 RT: 17.575 min Scan# 2429
 Delta R.T. -0.006 min
 Lab File: BP016920.D
 Acq: 01 Sep 2023 22:09

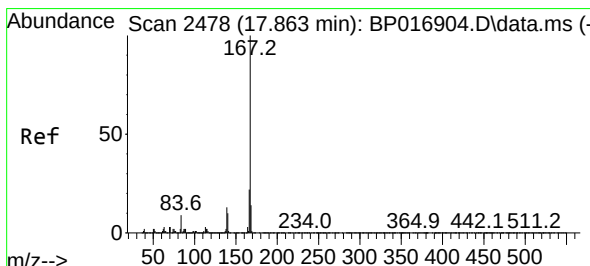
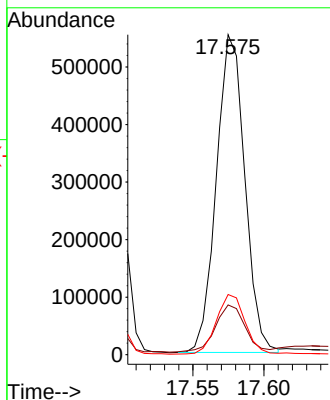
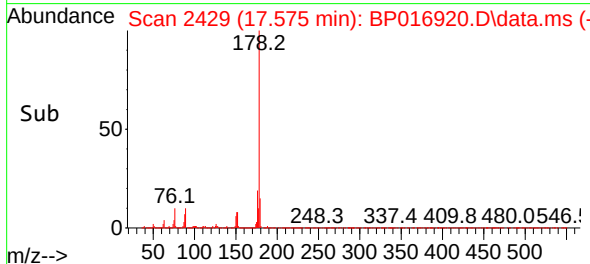
Instrument :
 BNA_P
 ClientSampleId :
 EZYH8DL



Tgt Ion:178 Resp: 76929
 Ion Ratio Lower Upper
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 179 15.5 12.4 18.6
 176 18.8 15.3 22.9

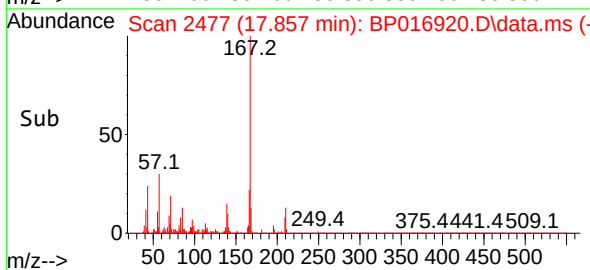
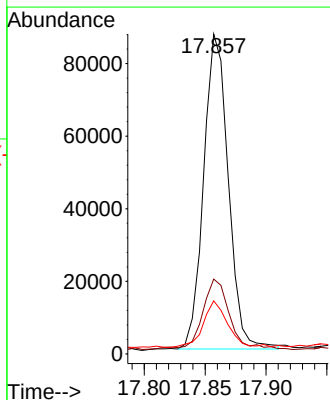
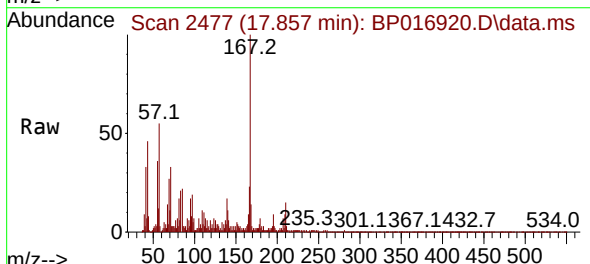
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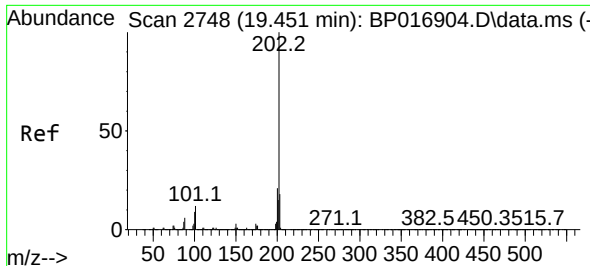
Reviewed By :Yogesh Patel 09/04/2023
 Supervised By :mohammad ahmed 09/05/2023



#77
 Carbazole
 Concen: 1.331 ng/ul
 RT: 17.857 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP016920.D
 Acq: 01 Sep 2023 22:09

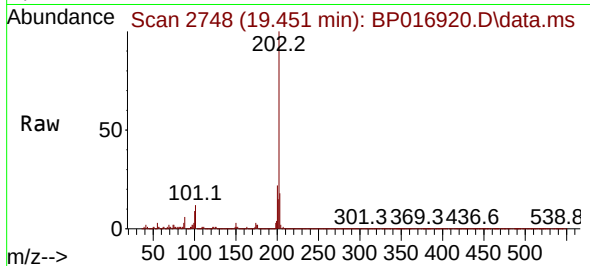
Tgt Ion:167 Resp: 122260
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.4 26.2
 139 16.6 10.4 15.6#





#80
Fluoranthene
Concen: 43.169 ng/u1
RT: 19.451 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09

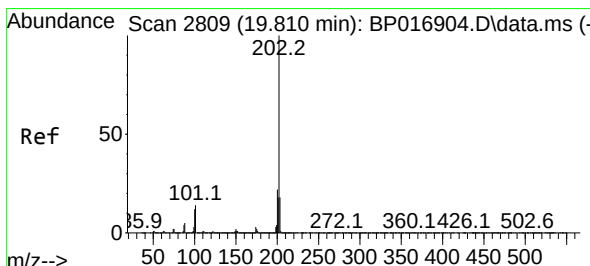
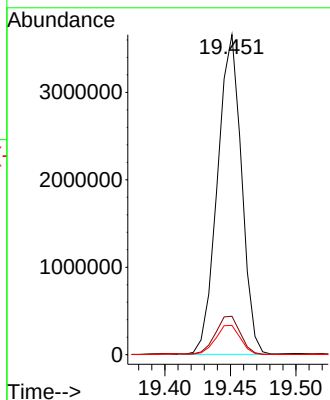
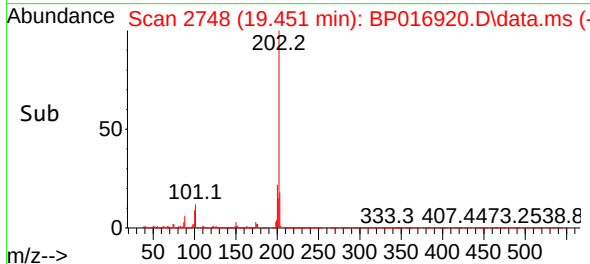
Instrument :
BNA_P
ClientSampleId :
EZYH8DL



Tgt Ion:202 Resp: 4664038
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.1 7.4 11.2

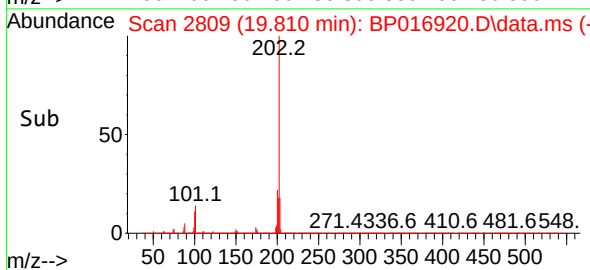
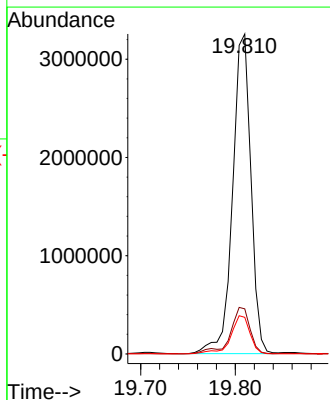
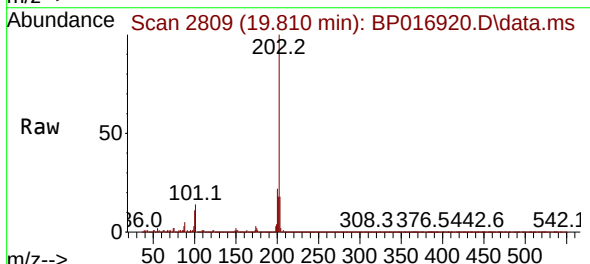
Manual Integrations
APPROVED

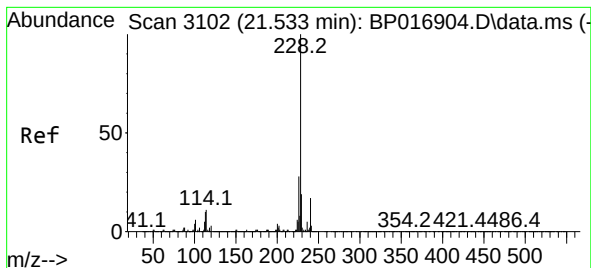
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023



#82
Pyrene
Concen: 39.173 ng/u1
RT: 19.810 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09

Tgt Ion:202 Resp: 4371775
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.2
100 11.4 9.4 14.2





#85

Benzo(a)anthracene

Concen: 23.379 ng/ul

RT: 21.527 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP016920.D

Acq: 01 Sep 2023 22:09

Instrument :

BNA_P

ClientSampleId :

EZYH8DL

Tgt Ion:228 Resp: 263717

Ion Ratio Lower Upper

228 100

229 21.1 16.2 24.4

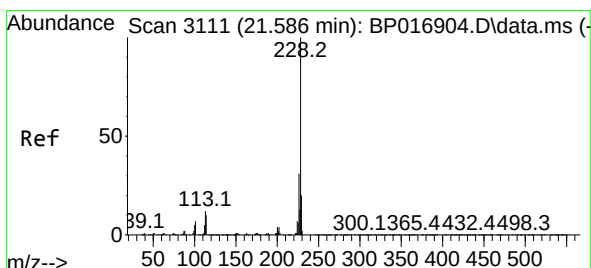
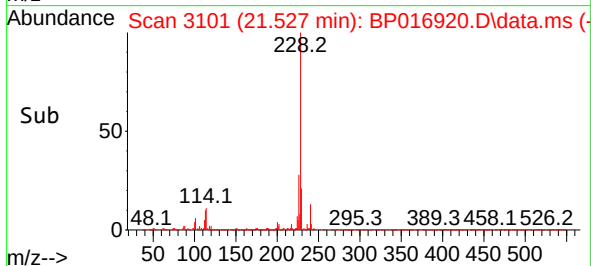
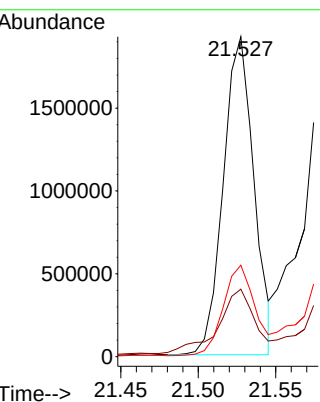
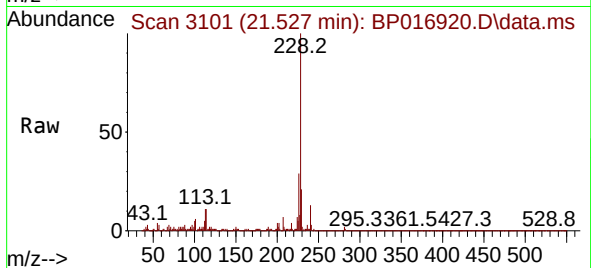
226 28.6 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/04/2023

Supervised By :mohammad ahmed 09/05/2023



#87

Chrysene

Concen: 34.847 ng/ul

RT: 21.586 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP016920.D

Acq: 01 Sep 2023 22:09

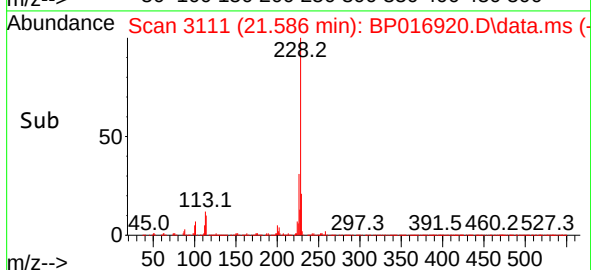
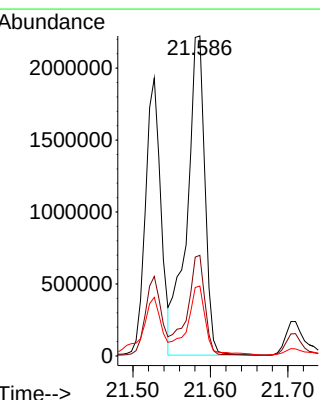
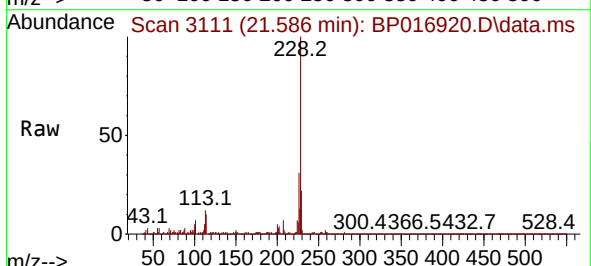
Tgt Ion:228 Resp: 3570607

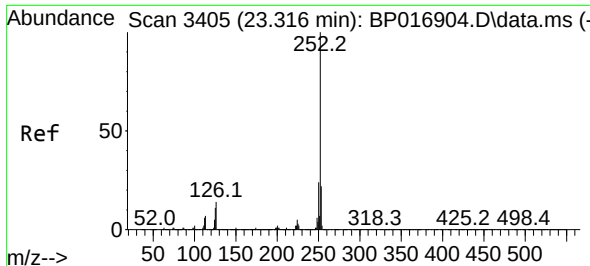
Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.4

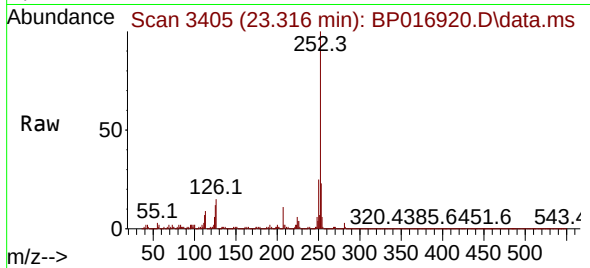
229 21.9 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 45.941 ng/ul
RT: 23.316 min Scan# 3405
Delta R.T. 0.006 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09

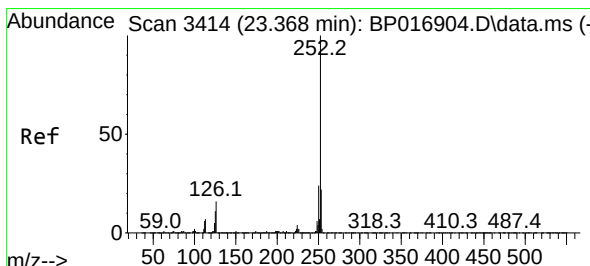
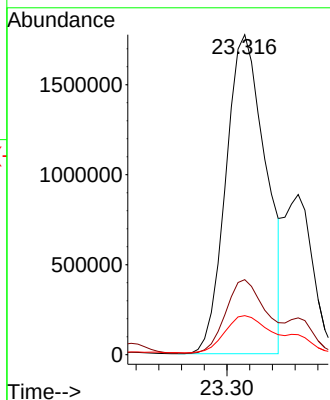
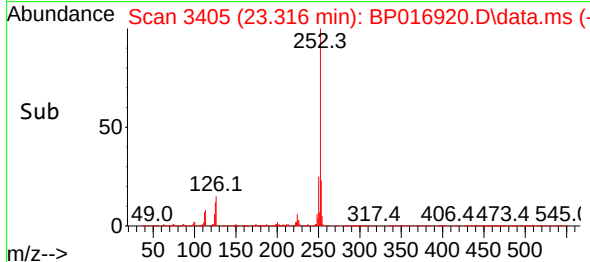
Instrument :
BNA_P
ClientSampleId :
EZYH8DL



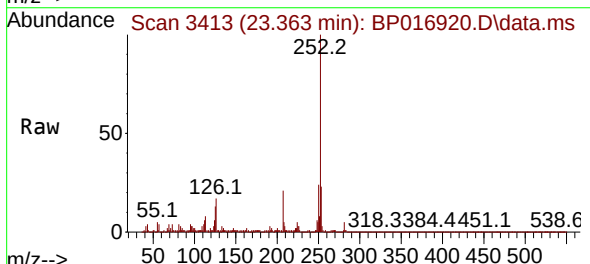
Tgt Ion:252 Resp: 433012
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 12.2 9.0 13.4

Manual Integrations
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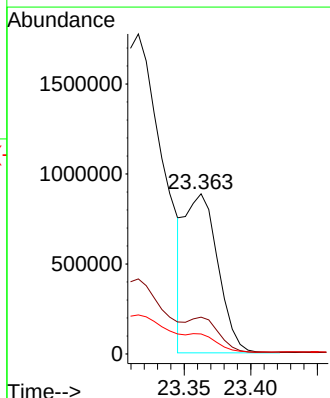
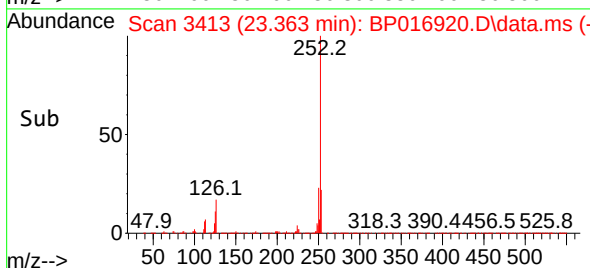
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023

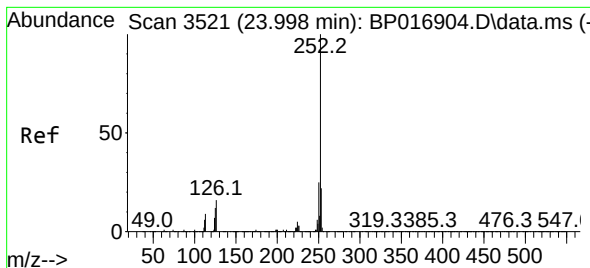


#91
Benzo(k)fluoranthene
Concen: 16.347 ng/ul m
RT: 23.363 min Scan# 3413
Delta R.T. 0.000 min
Lab File: BP016920.D
Acq: 01 Sep 2023 22:09



Tgt Ion:252 Resp: 1523822
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 12.5 8.9 13.3





#93

Benzo(a)pyrene

Concen: 29.756 ng/ul

RT: 23.998 min Scan# 3521

Delta R.T. 0.006 min

Lab File: BP016920.D

Acq: 01 Sep 2023 22:09

Instrument :

BNA_P

ClientSampleId :

EZYH8DL

Tgt Ion:252 Resp: 253684

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

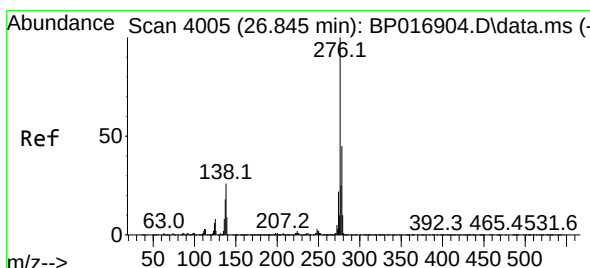
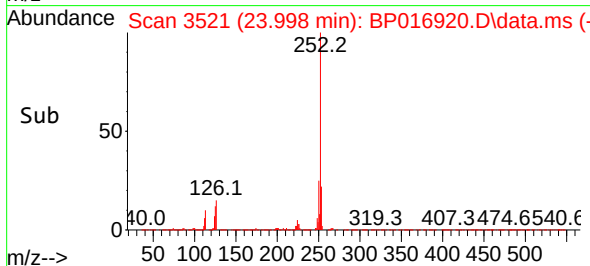
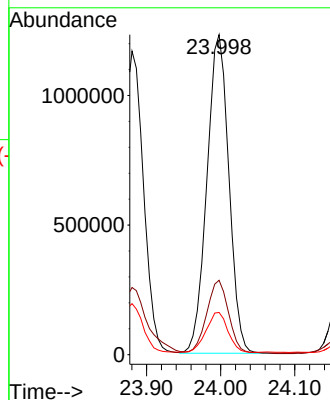
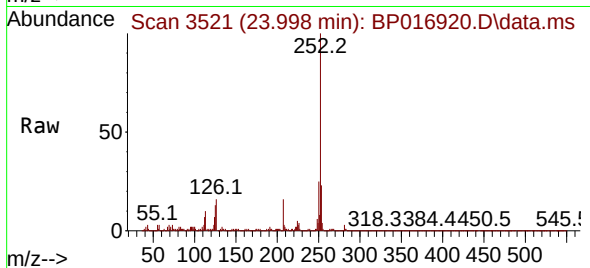
125 13.2 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/04/2023

Supervised By :mohammad ahmed 09/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 23.490 ng/ul

RT: 26.839 min Scan# 4004

Delta R.T. 0.006 min

Lab File: BP016920.D

Acq: 01 Sep 2023 22:09

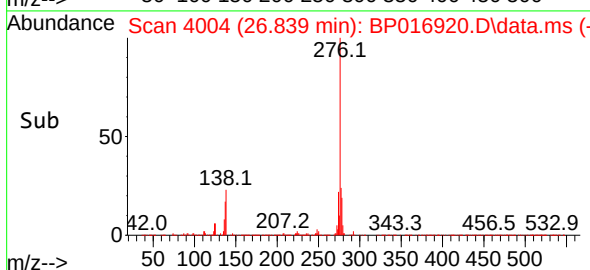
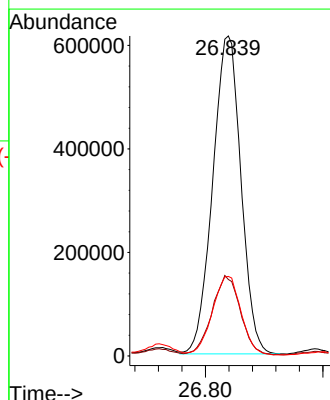
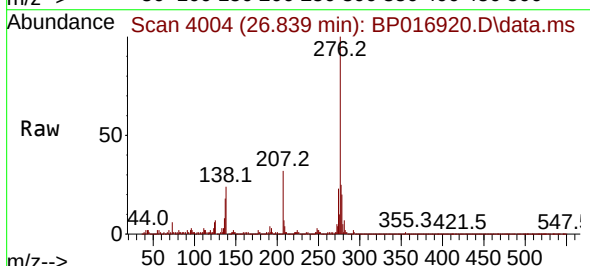
Tgt Ion:276 Resp: 2046430

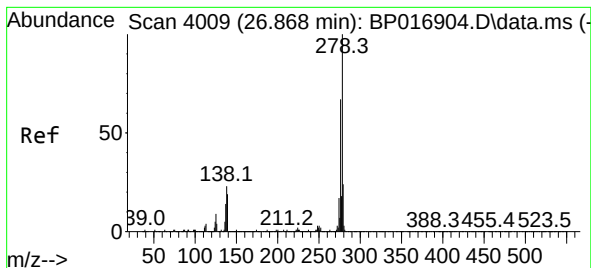
Ion Ratio Lower Upper

276 100

138 23.9 20.9 31.3

277 24.8 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 7.769 ng/ul

RT: 26.857 min Scan# 4009

Delta R.T. -0.006 min

Lab File: BP016920.D

Acq: 01 Sep 2023 22:09

Instrument :

BNA_P

ClientSampleId :

EZYH8DL

Tgt Ion:278 Resp: 562129

Ion Ratio Lower Upper

278 100

139 20.1 15.0 22.6

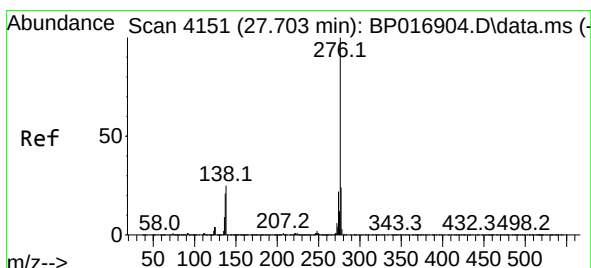
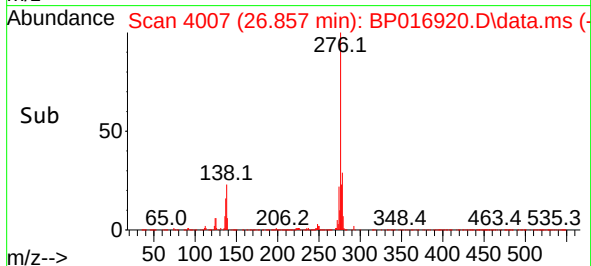
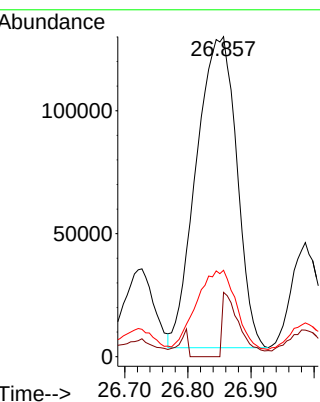
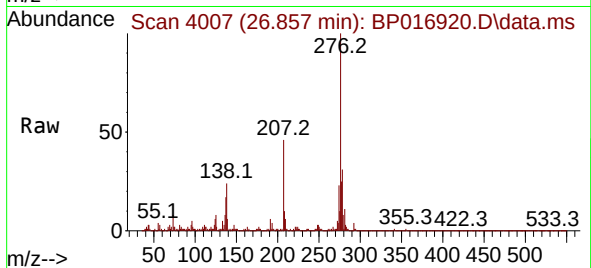
279 27.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/04/2023

Supervised By :mohammad ahmed 09/05/2023



#96

Benzo(g,h,i)perylene

Concen: 30.924 ng/ul

RT: 27.698 min Scan# 4150

Delta R.T. 0.012 min

Lab File: BP016920.D

Acq: 01 Sep 2023 22:09

Tgt Ion:276 Resp: 2042474

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.4

277 24.5 19.3 28.9

