

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
 Data File : BP016892.D
 Acq On : 31 Aug 2023 11:54
 Operator : MA/JU
 Sample : 04159-10DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHK7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 07:29:21 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	334947	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	1522219	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.675	164	961673	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	2088322	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1481037	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	1339497	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	9259	1.142	ng/uL	0.00
4) Pyridine-d5	3.822	84	42439	1.714	ng/u1	0.01
7) Phenol-d5	7.163	99	37009	1.243	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	147800	7.786	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	114193	5.099	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	74874	3.080	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	77725	6.753	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	68654	5.659	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	134656	5.954	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.004	131	195325m	5.631	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	633357	8.733	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	638573	7.789	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.669	176	562682	9.213	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.539	188	896674	9.687	ng/u1	0.00
81) Pyrene-d10	19.774	212	962387	11.832	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	608456	9.068	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.898	128	5282744	66.995	ng/u1	99
37) 1-Methylnaphthalene	12.716	142	519165	9.459	ng/u1	99
43) 1,1'-Biphenyl	13.504	154	264827	3.704	ng/u1	98
52) Acenaphthene	14.739	153	1061562	17.100	ng/u1	100
56) Dibenzofuran	15.075	168	975324	11.450	ng/u1	98
61) Fluorene	15.722	166	554823	7.787	ng/u1	99
72) Phenanthrene	17.486	178	492900	4.483	ng/u1	99
77) Carbazole	17.857	167	2004536	20.022	ng/u1	100

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

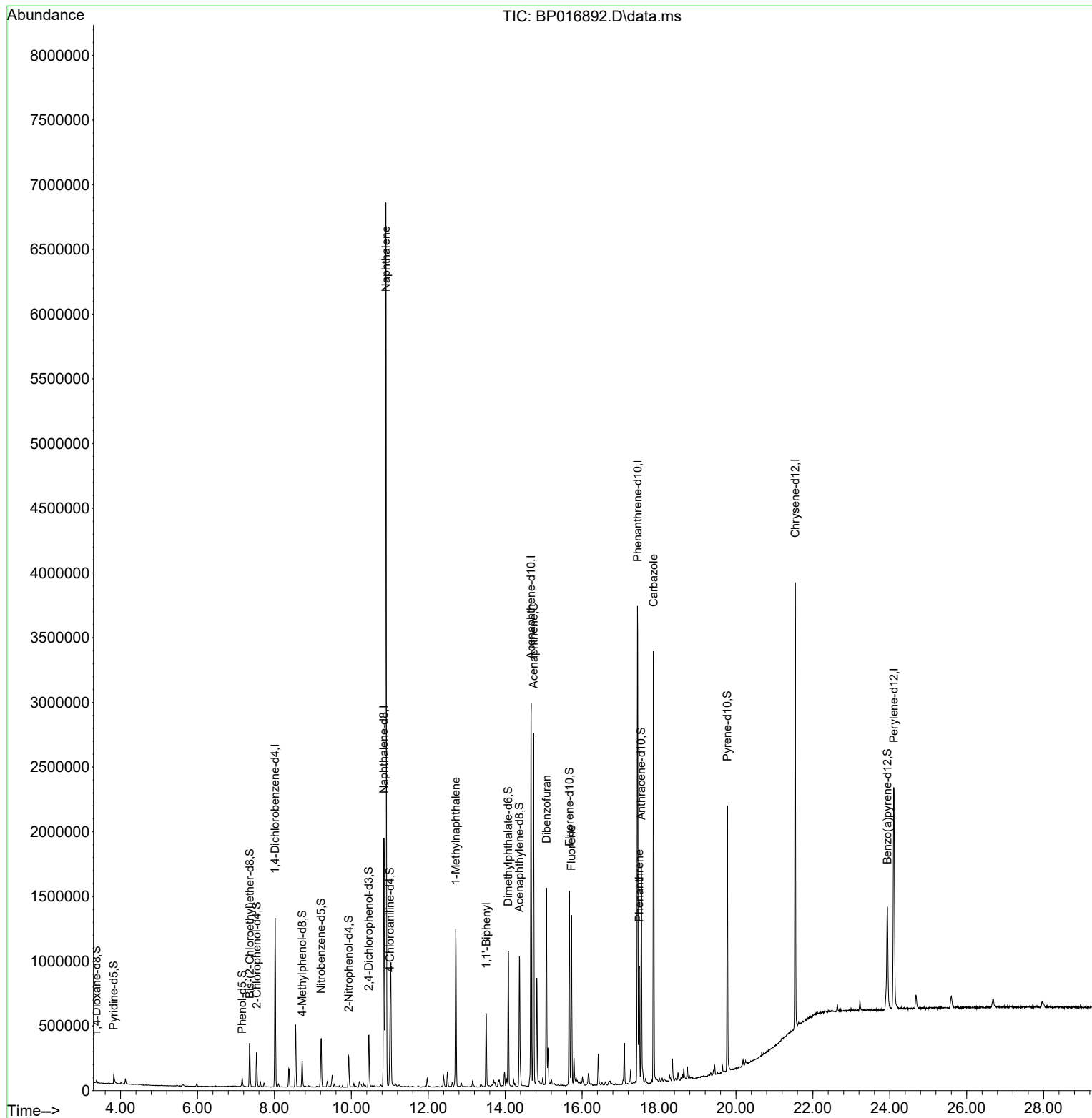
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
Data File : BP016892.D
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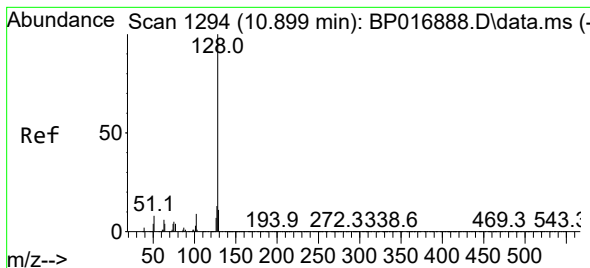
Instrument :
BNA_P
ClientSampleId :
DCHK7DL

Quant Time: Sep 01 07:29:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
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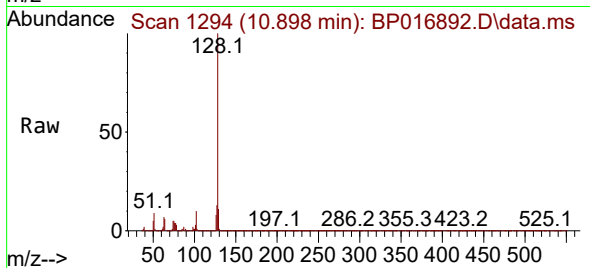
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023





#30
Naphthalene
Concen: 66.995 ng/ul
RT: 10.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP016892.D
Acq: 31 Aug 2023 11:54

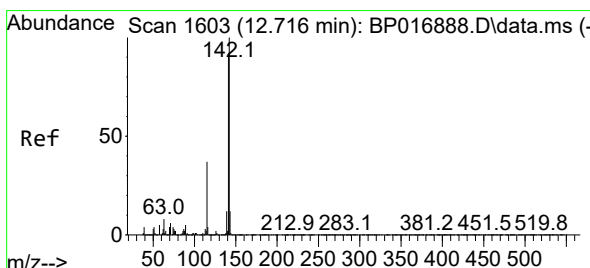
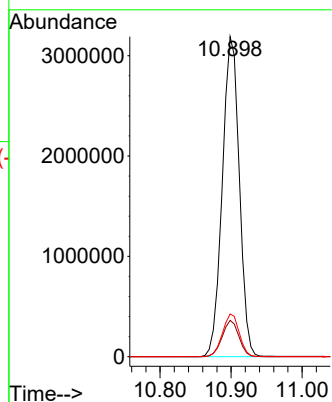
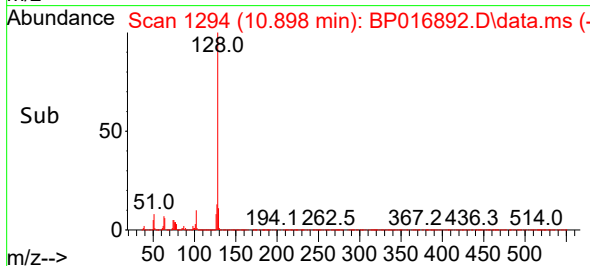
Instrument :
BNA_P
ClientSampleId :
DCHK7DL



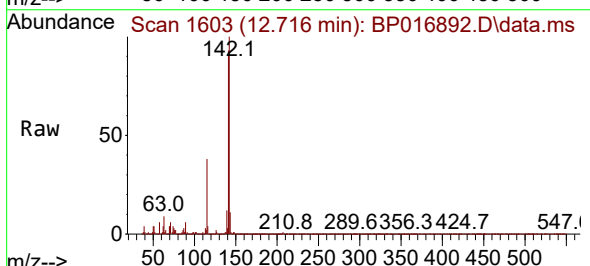
Tgt Ion:128 Resp: 5282744
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.3 15.5

Manual Integrations
APPROVED

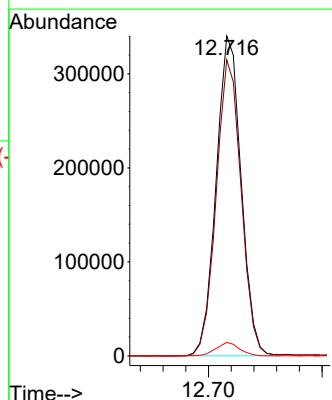
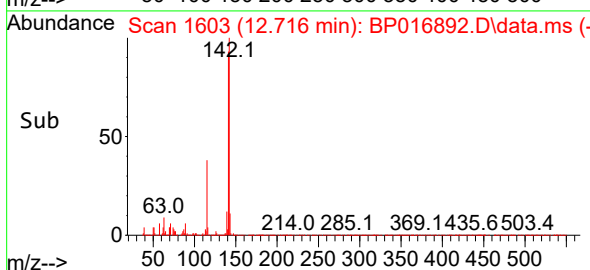
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

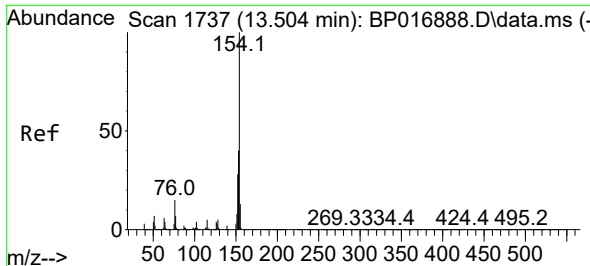


#37
1-Methylnaphthalene
Concen: 9.459 ng/ul
RT: 12.716 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP016892.D
Acq: 31 Aug 2023 11:54



Tgt Ion:142 Resp: 519165
Ion Ratio Lower Upper
142 100
141 92.6 73.0 109.4
116 4.3 3.1 4.7





#43
1,1'-Biphenyl
Concen: 3.704 ng/ul
RT: 13.504 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BP016892.D
Acq: 31 Aug 2023 11:54

Instrument :

BNA_P

ClientSampleId :

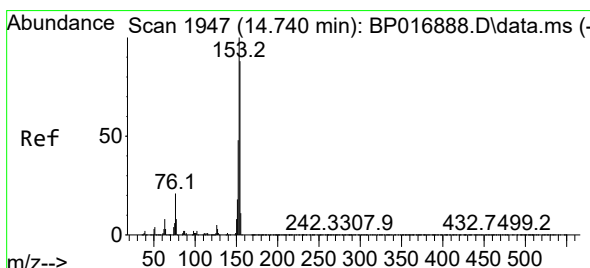
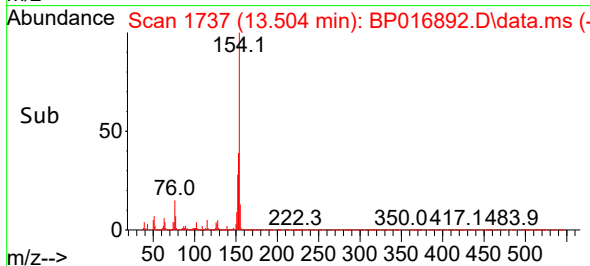
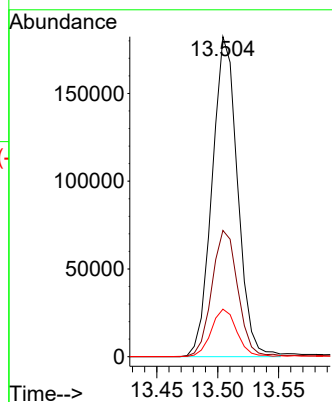
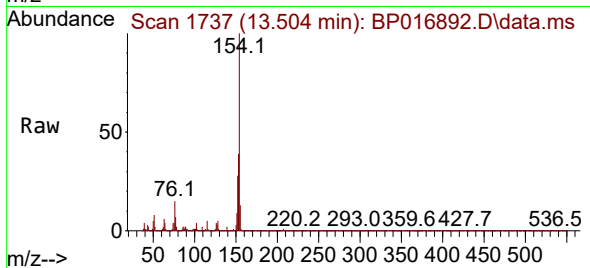
DCHK7DL

Tgt Ion:154 Resp: 264827
Ion Ratio Lower Upper
154 100
153 39.4 32.7 49.1
76 14.8 11.3 16.9

Manual Integrations

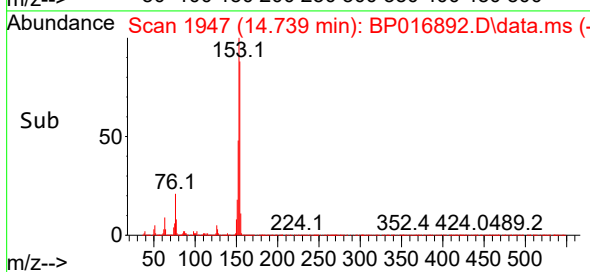
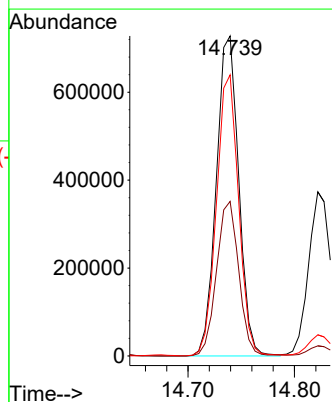
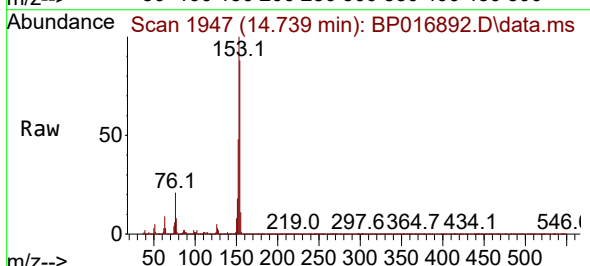
APPROVED

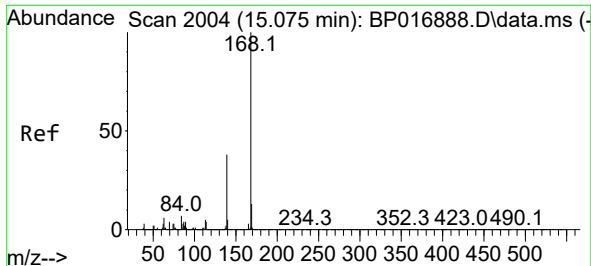
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#52
Acenaphthene
Concen: 17.100 ng/ul
RT: 14.739 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP016892.D
Acq: 31 Aug 2023 11:54

Tgt Ion:153 Resp: 1061562
Ion Ratio Lower Upper
153 100
152 48.3 38.5 57.7
154 87.9 70.6 105.8





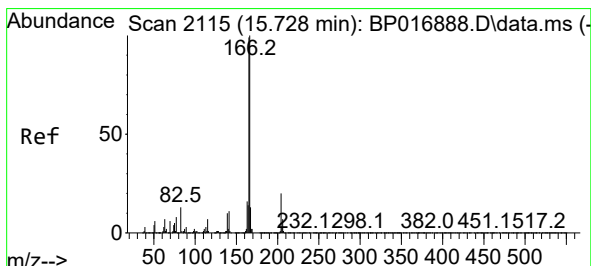
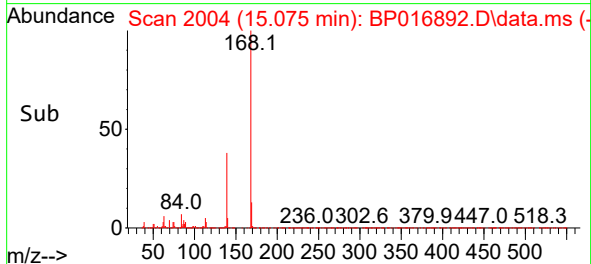
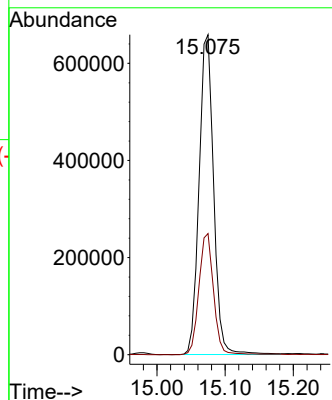
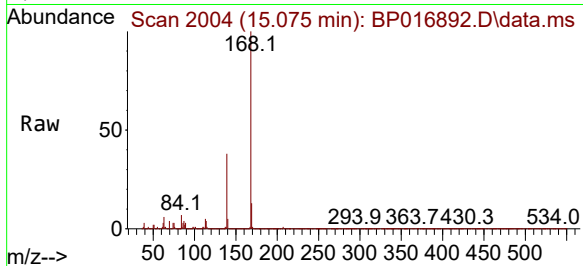
#56
Dibenzenofuran
Concen: 11.450 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP016892.D
Acq: 31 Aug 2023 11:54

Instrument :
BNA_P
ClientSampleId :
DCHK7DL

Tgt Ion:168 Resp: 975324
Ion Ratio Lower Upper
168 100
139 37.9 29.2 43.8

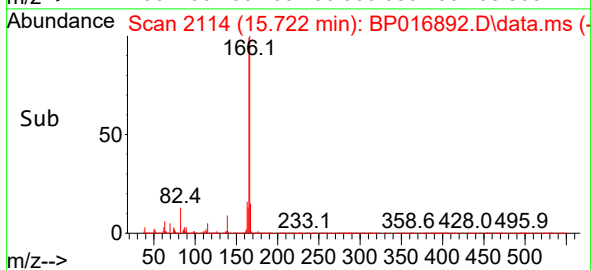
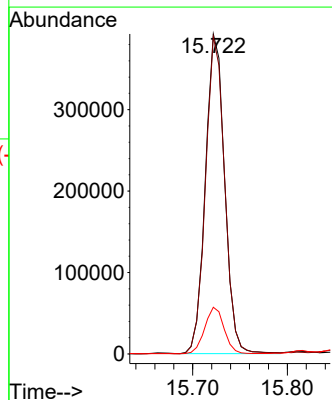
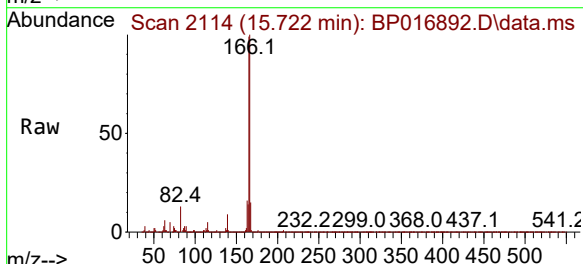
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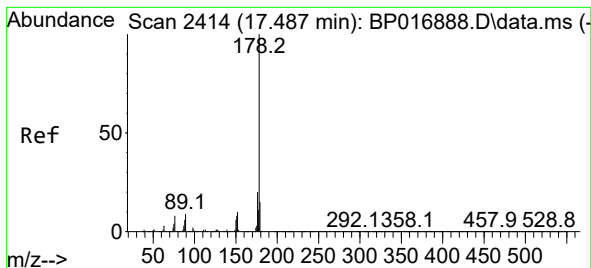
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#61
Fluorene
Concen: 7.787 ng/ul
RT: 15.722 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP016892.D
Acq: 31 Aug 2023 11:54

Tgt Ion:166 Resp: 554823
Ion Ratio Lower Upper
166 100
165 99.2 78.8 118.2
167 14.6 10.9 16.3





#72

Phenanthrene

Concen: 4.483 ng/ul

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP016892.D

Acq: 31 Aug 2023 11:54

Instrument :

BNA_P

ClientSampleId :

DCHK7DL

Tgt Ion:178 Resp: 492900

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

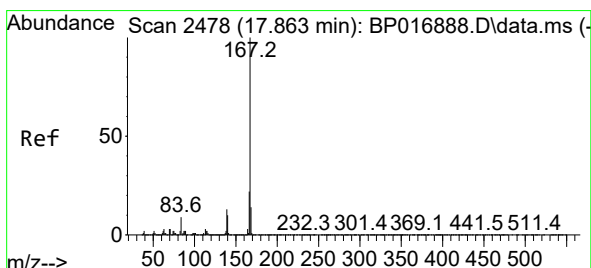
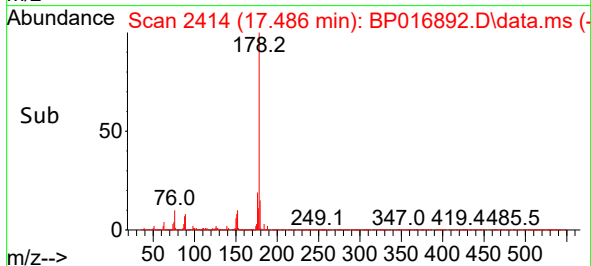
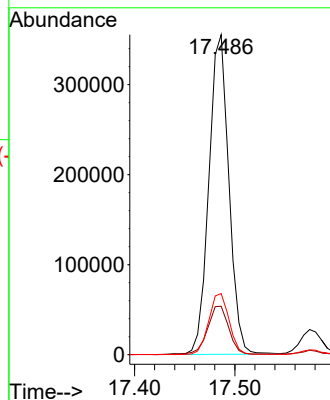
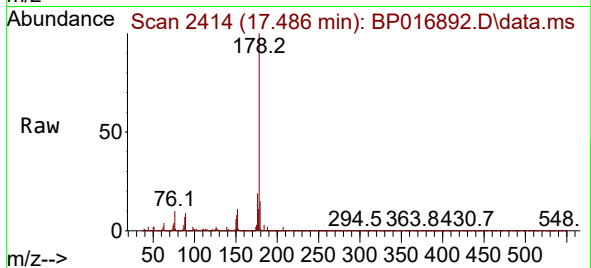
176 19.1 15.6 23.4

Manual Integrations

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#77

Carbazole

Concen: 20.022 ng/ul

RT: 17.857 min Scan# 2477

Delta R.T. -0.006 min

Lab File: BP016892.D

Acq: 31 Aug 2023 11:54

Tgt Ion:167 Resp: 2004536

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.1 10.4 15.6

