

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
 Data File : BP015052.D
 Acq On : 10 May 2023 20:31
 Operator : CG/JU
 Sample : 02591-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREA8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 10 23:13:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 15:17:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.151	152	293785	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1215275	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.792	164	694638	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.545	188	1225895	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	780187	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	999465	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	19235	2.434	ng/uL	0.00
4) Pyridine-d5	3.916	84	15155m	0.702	ng/u1	0.03
7) Phenol-d5	7.298	99	433476	17.019	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	252803	16.058	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	352565	18.825	ng/u1	0.00
15) 4-Methylphenol-d8	8.863	113	344229	17.537	ng/u1	0.00
21) Nitrobenzene-d5	9.328	128	171825	19.880	ng/u1	0.00
24) 2-Nitrophenol-d4	10.057	143	193345	21.785	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.598	165	352821	20.246	ng/u1	0.00
31) 4-Chloroaniline-d4	11.122	131	168220	6.674	ng/u1	0.00
46) Dimethylphthalate-d6	14.192	166	1050880	21.376	ng/u1	0.00
49) Acenaphthylene-d8	14.486	160	1203052	20.404	ng/u1	0.00
54) 4-Nitrophenol-d4	14.980	143	128871	15.068	ng/u1	0.00
60) Fluorene-d10	15.780	176	857346	20.270	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.898	200	65710	9.522	ng/u1	0.00
73) Anthracene-d10	17.645	188	1136755	20.638	ng/u1	0.00
81) Pyrene-d10	19.863	212	1004899	19.097	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	1011592	20.773	ng/u1	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.987	105	80495	2.508	ng/u1	99
30) Naphthalene	11.034	128	100589	1.506	ng/u1	100
71) Pentachlorophenol	17.192	266	100694	11.483	ng/u1	98
72) Phenanthrene	17.586	178	162065	2.393	ng/u1	99
74) Anthracene	17.680	178	163117	2.419	ng/u1	99
77) Carbazole	17.945	167	79274	1.398	ng/u1#	97
80) Fluoranthene	19.539	202	348260	5.394	ng/u1	97
82) Pyrene	19.892	202	403518	5.899	ng/u1	97
85) Benzo(a)anthracene	21.609	228	163927	3.148	ng/u1#	87
86) Bis(2-ethylhexyl)phtha...	21.504	149	29461	1.140	ng/u1#	90
87) Chrysene	21.662	228	389743m	7.433	ng/u1	
90) Benzo(b)fluoranthene	23.421	252	537602	8.323	ng/u1#	89
91) Benzo(k)fluoranthene	23.468	252	146421m	2.227	ng/u1	
93) Benzo(a)pyrene	24.103	252	180361	3.184	ng/u1#	76
94) Indeno(1,2,3-cd)pyrene	26.968	276	258259	3.737	ng/u1	94
95) Dibenzo(a,h)anthracene	26.974	278	68990	1.218	ng/u1#	43
96) Benzo(g,h,i)perylene	27.821	276	433077	7.364	ng/u1	98

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

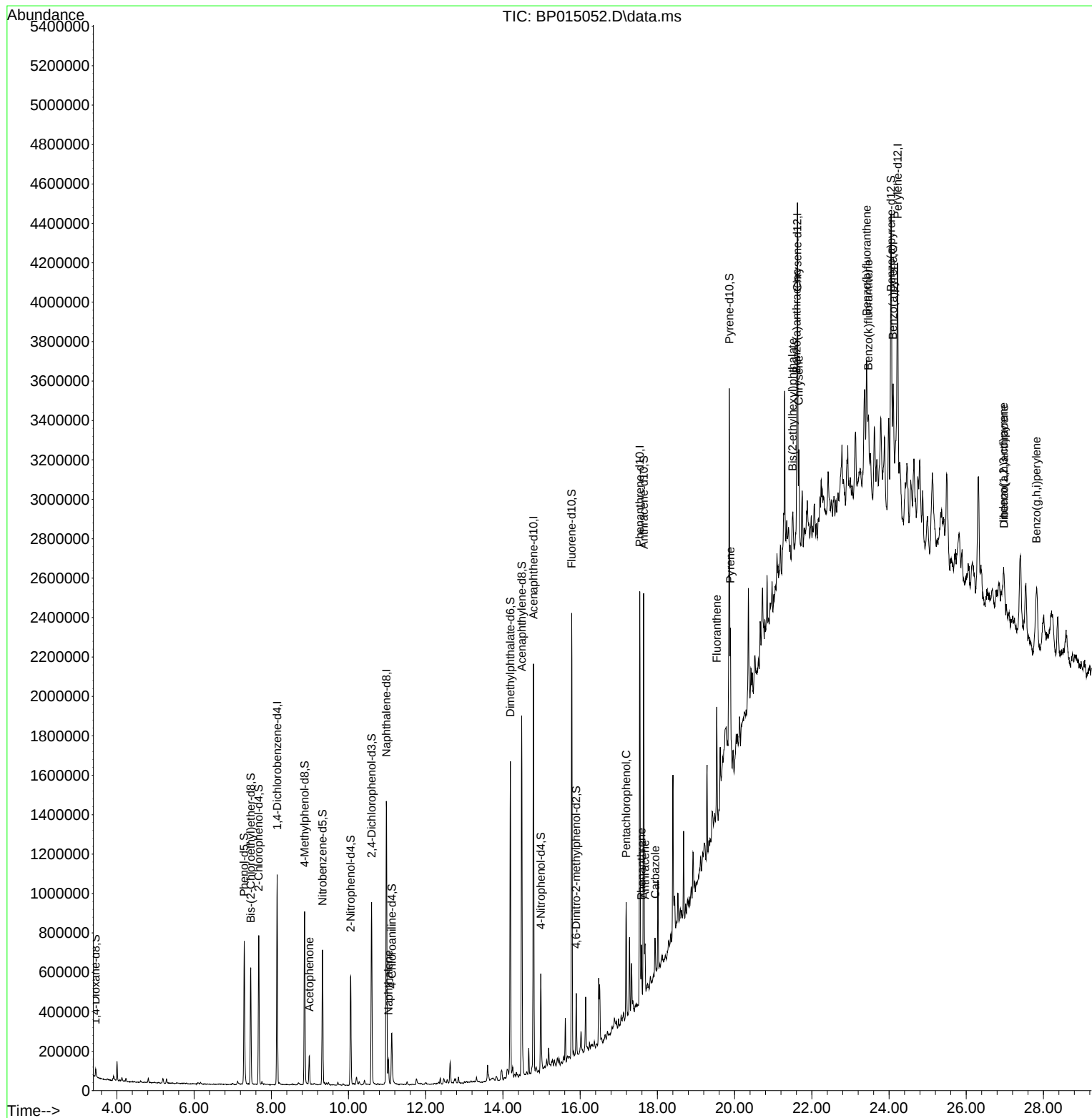
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Data File : BP015052.D
Acq On : 10 May 2023 20:31
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ALS Vial : 13 Sample Multiplier: 1

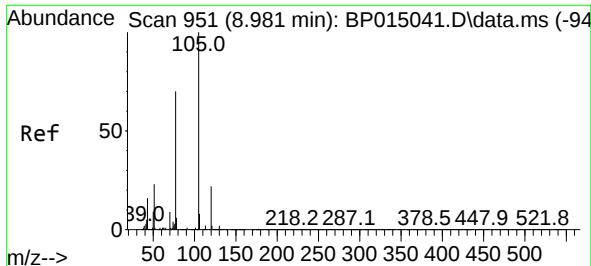
Instrument :
BNA_P
ClientSampleId :
JREA8

Quant Time: May 10 23:13:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
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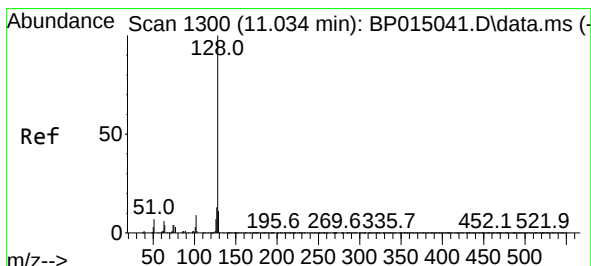
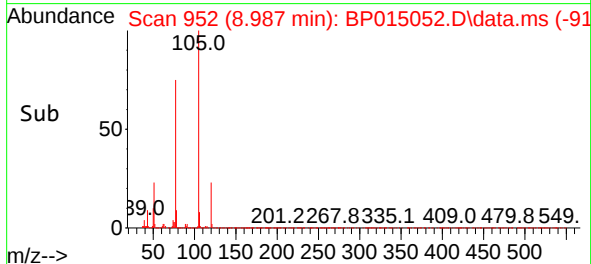
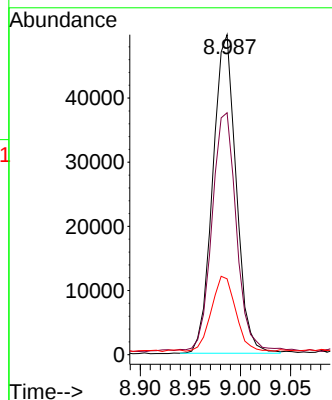
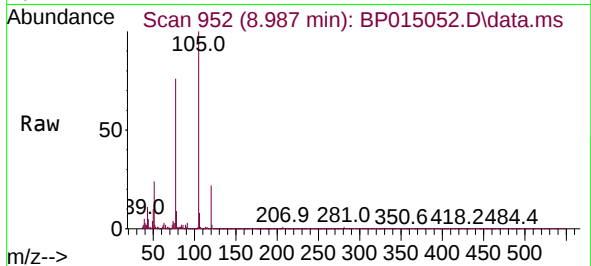
#16
Acetophenone
Concen: 2.508 ng/ul
RT: 8.987 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP015052.D
Acq: 10 May 2023 20:31

Instrument :
BNA_P
ClientSampleId :
JREA8

Tgt Ion	Ratio	Lower	Upper
105	100		
77	75.6	61.2	91.8
51	23.7	19.4	29.2

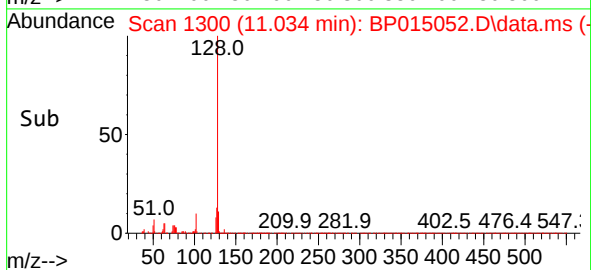
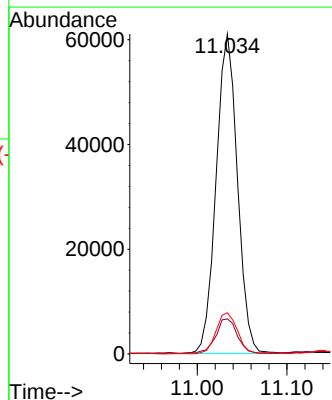
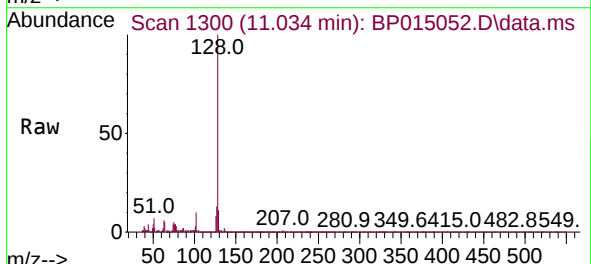
Manual Integrations
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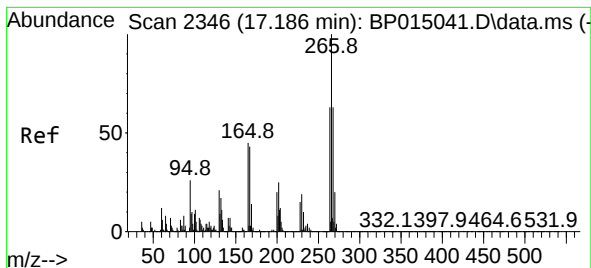
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#30
Naphthalene
Concen: 1.506 ng/ul
RT: 11.034 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BP015052.D
Acq: 10 May 2023 20:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.8	10.4	15.6





#71

Pentachlorophenol

Concen: 11.483 ng/ul

RT: 17.192 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015052.D

Acq: 10 May 2023 20:31

Instrument :

BNA_P

ClientSampleId :

JREA8

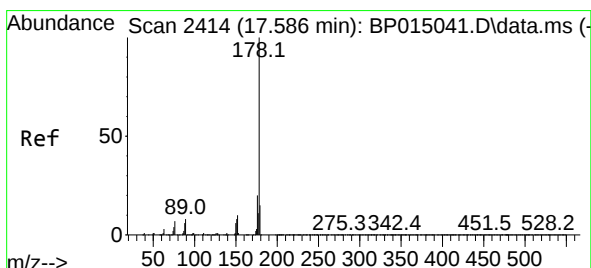
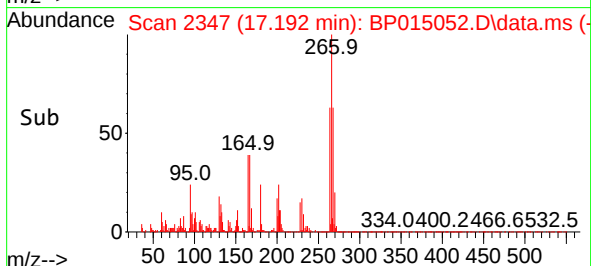
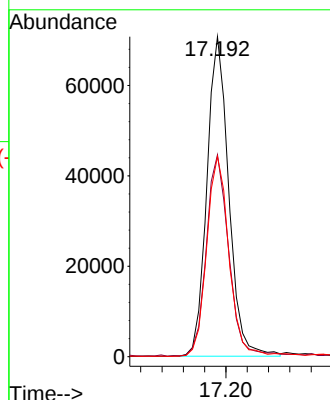
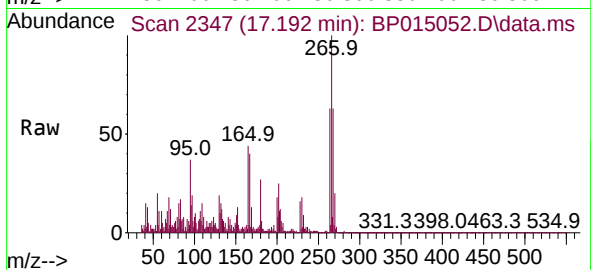
Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	48.9	73.3
268	62.6	49.6	74.4

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#72

Phenanthrene

Concen: 2.393 ng/ul

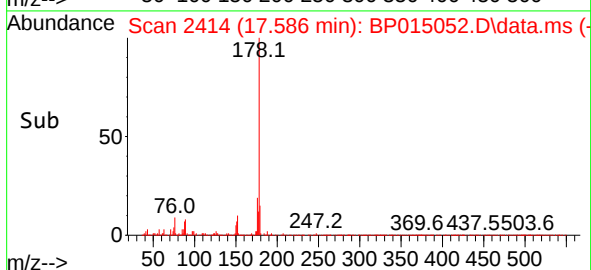
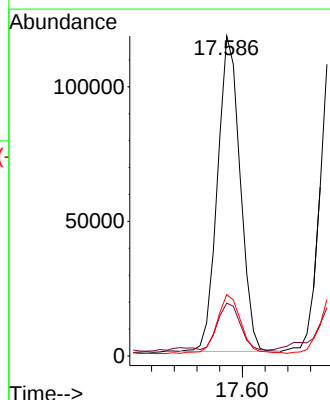
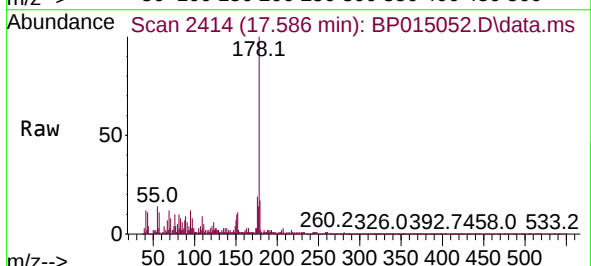
RT: 17.586 min Scan# 2414

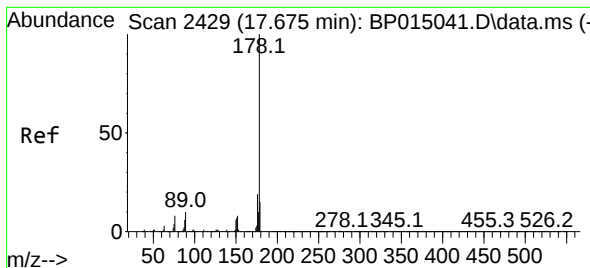
Delta R.T. -0.000 min

Lab File: BP015052.D

Acq: 10 May 2023 20:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.4
176	19.2	15.4	23.0





#74

Anthracene

Concen: 2.419 ng/ul

RT: 17.680 min Scan# 2429

Delta R.T. 0.006 min

Lab File: BP015052.D

Acq: 10 May 2023 20:31

Instrument :

BNP_P

ClientSampleId :

JREA8

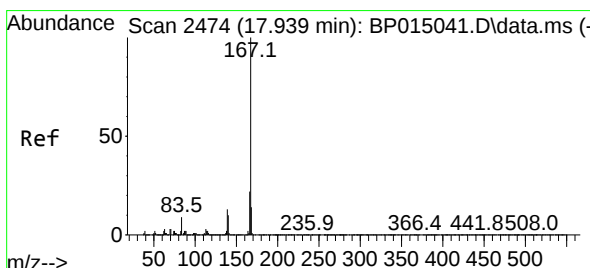
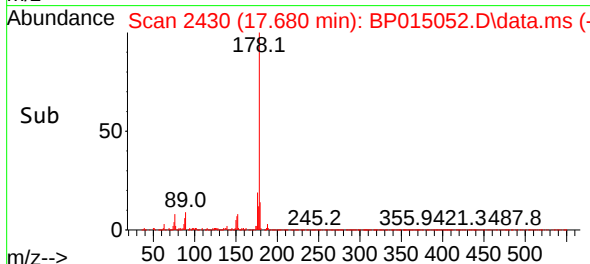
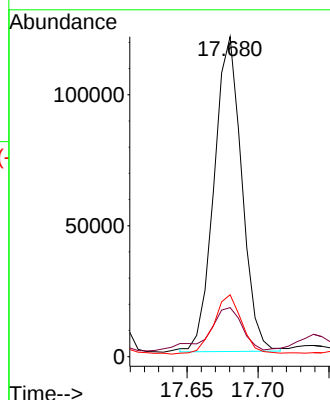
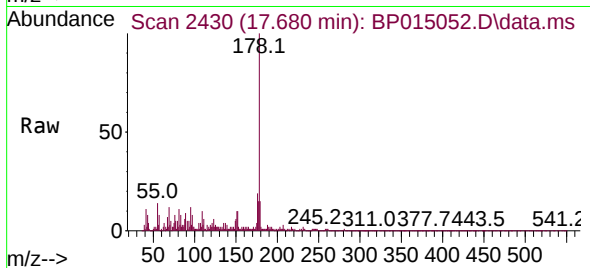
Tgt Ion:178	Resp: 16311
Ion Ratio	Lower Upper
178 100	
179 15.3	12.6 18.8
176 19.3	15.0 22.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#77

Carbazole

Concen: 1.398 ng/ul

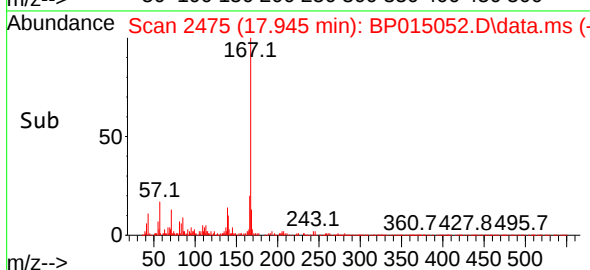
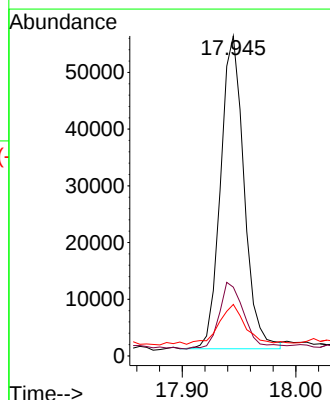
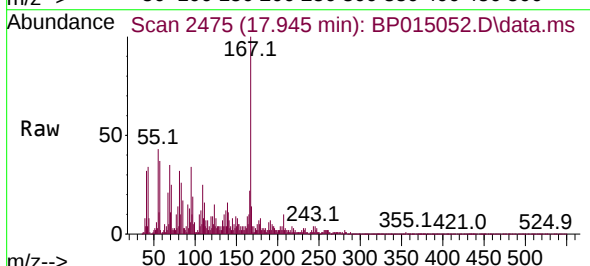
RT: 17.945 min Scan# 2475

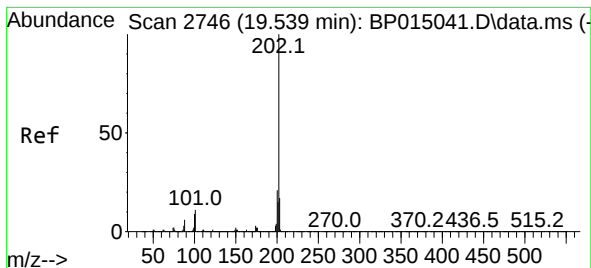
Delta R.T. 0.006 min

Lab File: BP015052.D

Acq: 10 May 2023 20:31

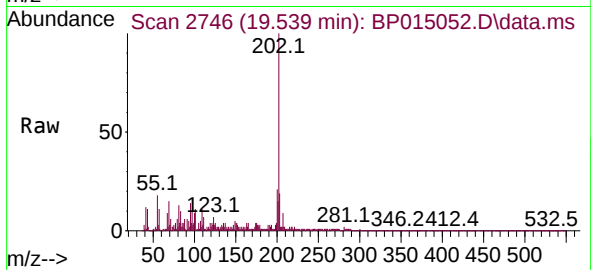
Tgt Ion:167	Resp: 79274
Ion Ratio	Lower Upper
167 100	
166 21.5	17.1 25.7
139 16.1	10.1 15.1





#80
Fluoranthene
Concen: 5.394 ng/u1
RT: 19.539 min Scan# 2746
Delta R.T. -0.000 min
Lab File: BP015052.D
Acq: 10 May 2023 20:31

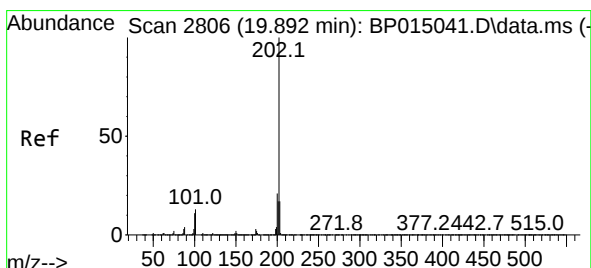
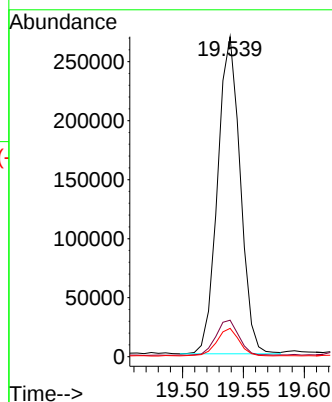
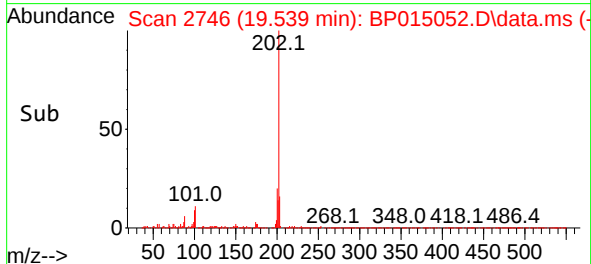
Instrument :
BNA_P
ClientSampleId :
JREA8



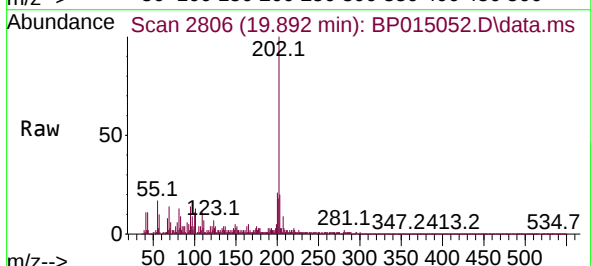
Tgt Ion:202 Resp: 348260
Ion Ratio Lower Upper
202 100
101 11.4 10.1 15.1
100 8.9 7.7 11.5

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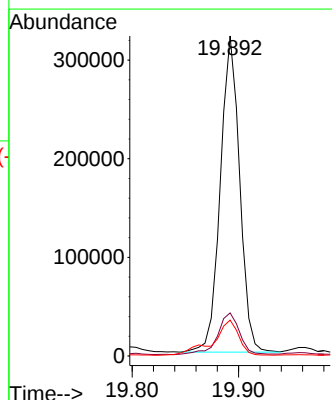
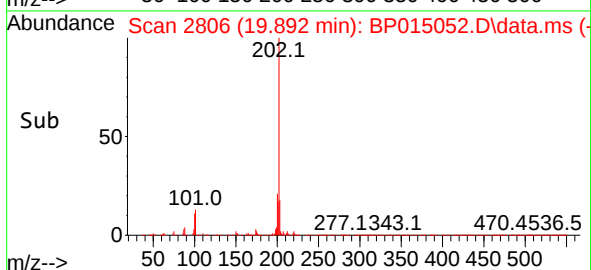
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

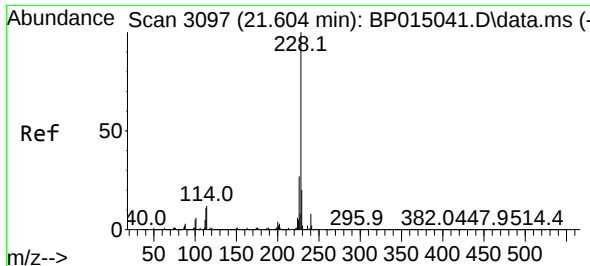


#82
Pyrene
Concen: 5.899 ng/u1
RT: 19.892 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BP015052.D
Acq: 10 May 2023 20:31



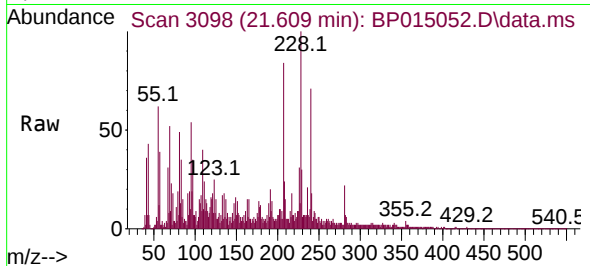
Tgt Ion:202 Resp: 403518
Ion Ratio Lower Upper
202 100
101 13.5 11.9 17.9
100 11.2 9.7 14.5





#85
Benzo(a)anthracene
Concen: 3.148 ng/ul
RT: 21.609 min Scan# 3097
Delta R.T. 0.006 min
Lab File: BP015052.D
Acq: 10 May 2023 20:31

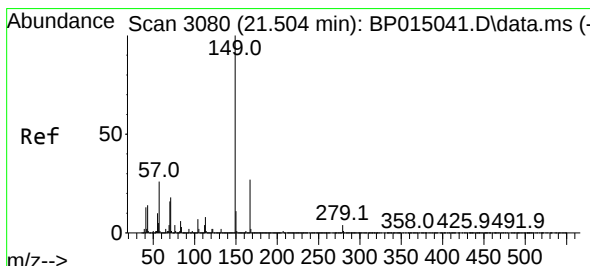
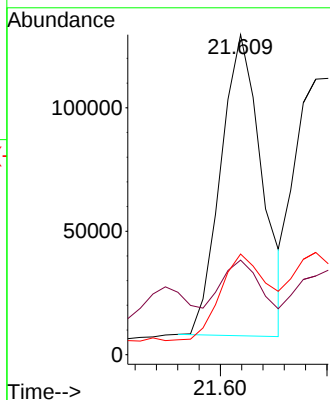
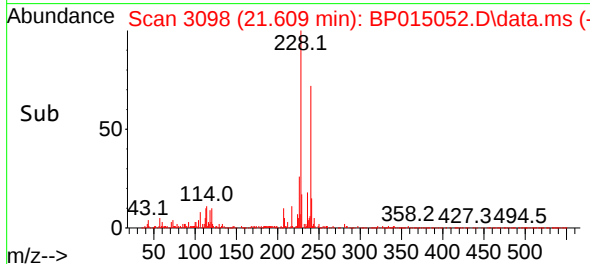
Instrument :
BNA_P
ClientSampleId :
JREA8



Tgt Ion:228 Resp: 163927
Ion Ratio Lower Upper
228 100
229 29.6 15.9 23.9
226 31.4 22.1 33.1

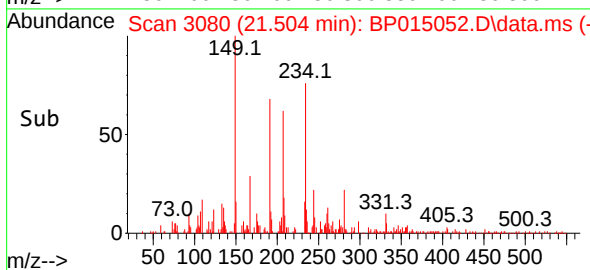
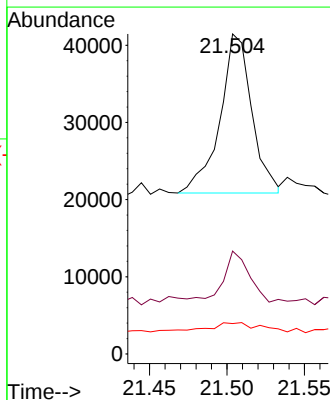
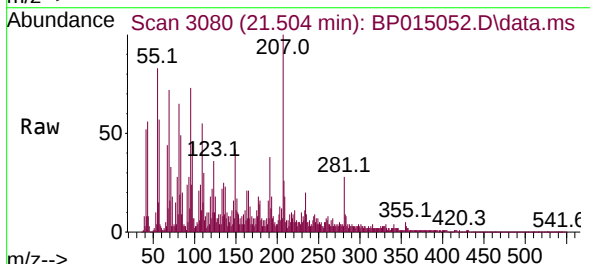
Manual Integrations
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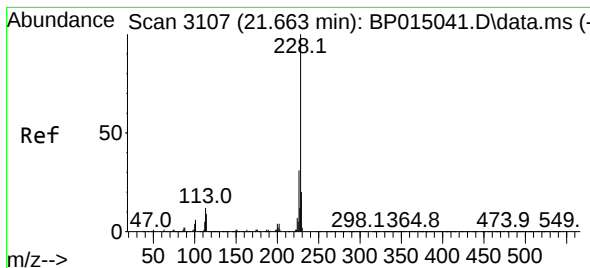
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.140 ng/ul
RT: 21.504 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP015052.D
Acq: 10 May 2023 20:31

Tgt Ion:149 Resp: 29461
Ion Ratio Lower Upper
149 100
167 32.1 22.0 33.0
279 9.5 2.9 4.3





#87

Chrysene

Concen: 7.433 ng/ul m

RT: 21.662 min Scan# 3107

Delta R.T. -0.000 min

Lab File: BP015052.D

Acq: 10 May 2023 20:31

Instrument :

BNA_P

ClientSampleId :

JREA8

Tgt Ion:228 Resp: 38974

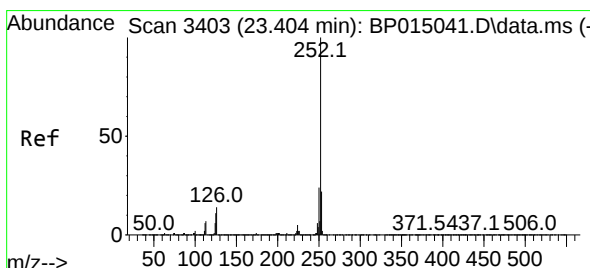
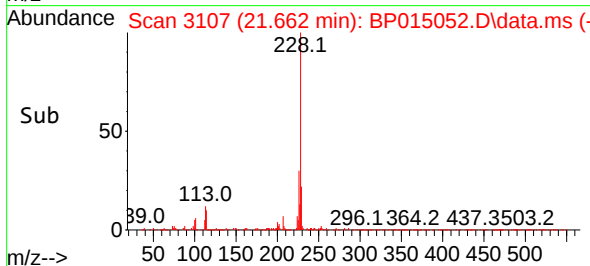
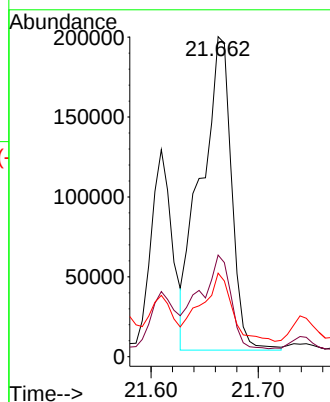
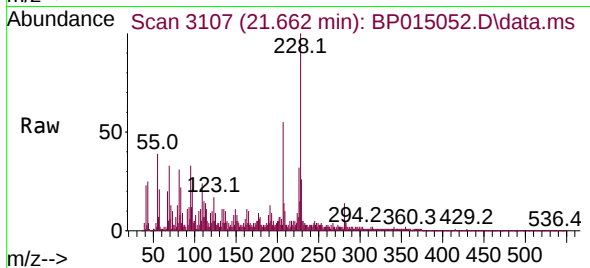
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.3	36.5
229	26.1	15.8	23.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/11/2023



#90

Benzo(b)fluoranthene

Concen: 8.323 ng/ul

RT: 23.421 min Scan# 3406

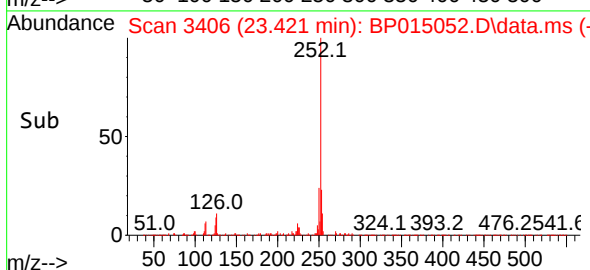
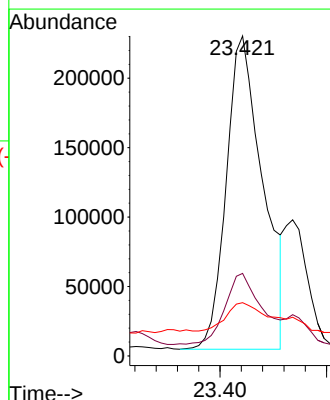
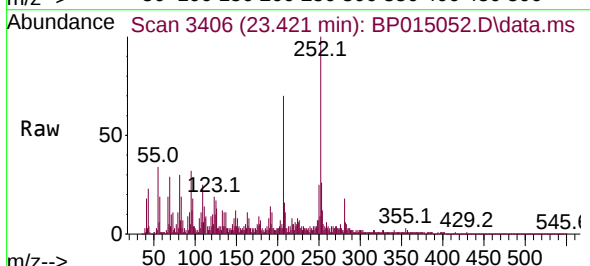
Delta R.T. 0.018 min

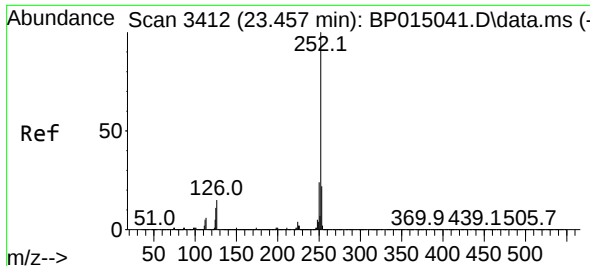
Lab File: BP015052.D

Acq: 10 May 2023 20:31

Tgt Ion:252 Resp: 537602

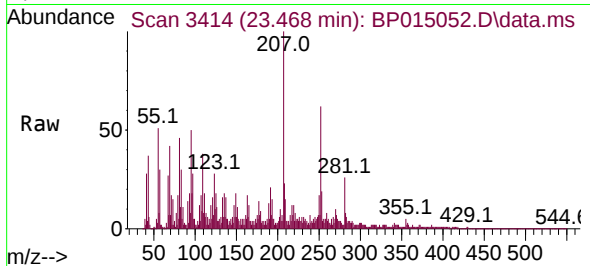
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.2
125	16.7	8.4	12.6





#91
Benzo(k)fluoranthene
Concen: 2.227 ng/ul m
RT: 23.468 min Scan# 3412
Delta R.T. 0.012 min
Lab File: BP015052.D
Acq: 10 May 2023 20:31

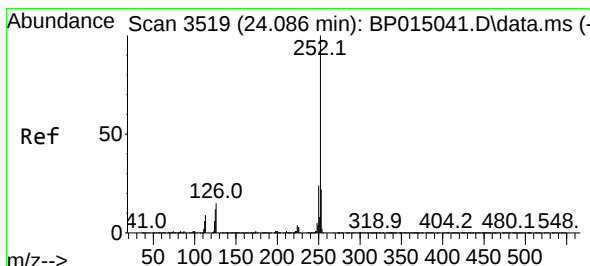
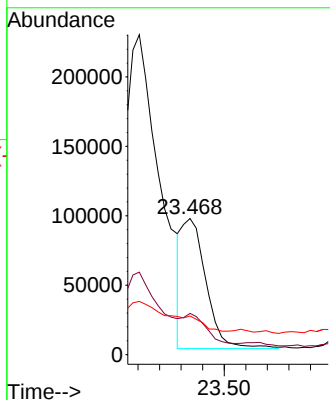
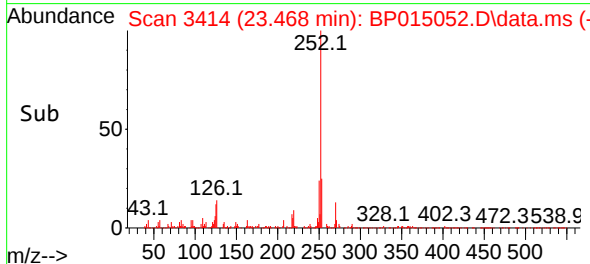
Instrument :
BNA_P
ClientSampleId :
JREA8



Tgt Ion:252 Resp: 14642
Ion Ratio Lower Upper
252 100
253 30.3 17.8 26.6
125 28.4 8.9 13.3

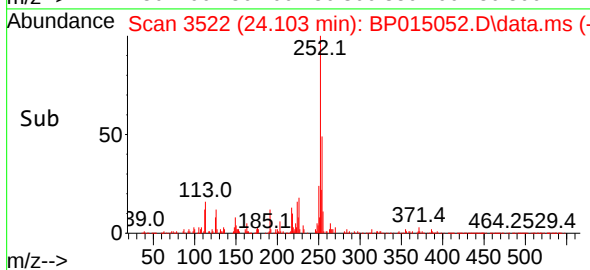
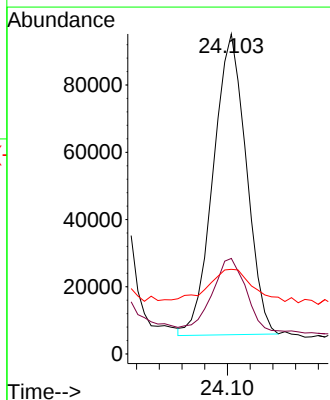
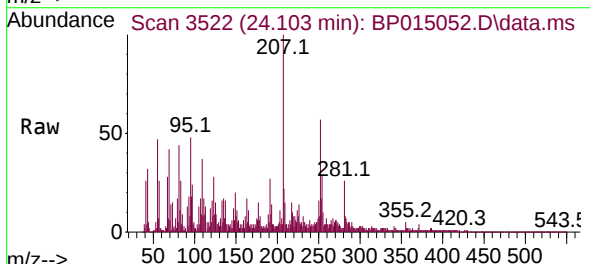
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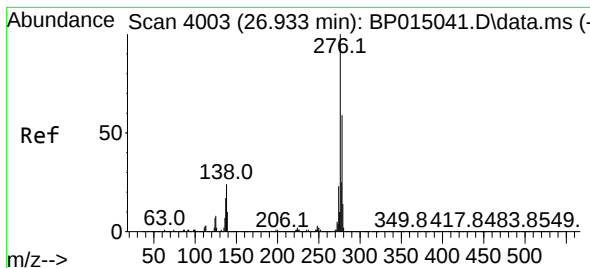
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#93
Benzo(a)pyrene
Concen: 3.184 ng/ul
RT: 24.103 min Scan# 3522
Delta R.T. 0.017 min
Lab File: BP015052.D
Acq: 10 May 2023 20:31

Tgt Ion:252 Resp: 180361
Ion Ratio Lower Upper
252 100
253 29.9 17.5 26.3#
125 26.4 9.4 14.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.737 ng/ul

RT: 26.968 min Scan# 4009

Delta R.T. 0.035 min

Lab File: BP015052.D

Acq: 10 May 2023 20:31

Instrument :

BNA_P

ClientSampleId :

JREA8

Tgt Ion:276 Resp: 25825

Ion Ratio Lower Upper

276 100

138 22.2 19.4 29.0

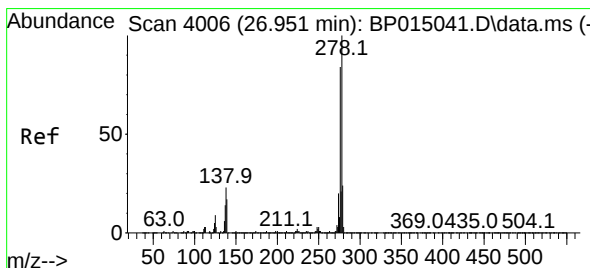
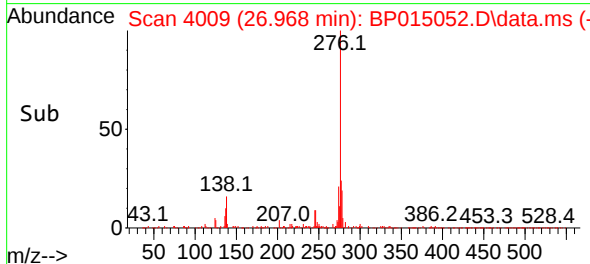
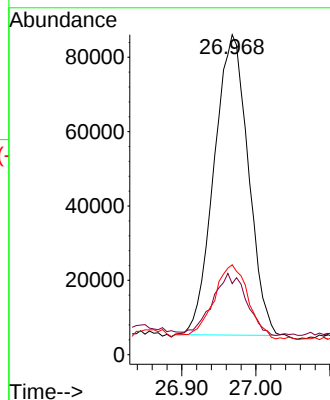
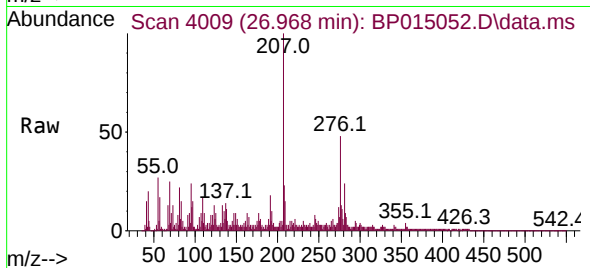
277 28.1 19.4 29.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.218 ng/ul

RT: 26.974 min Scan# 4010

Delta R.T. 0.023 min

Lab File: BP015052.D

Acq: 10 May 2023 20:31

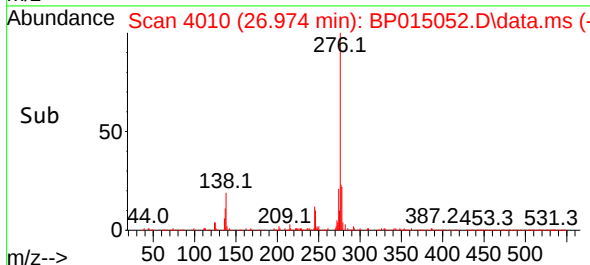
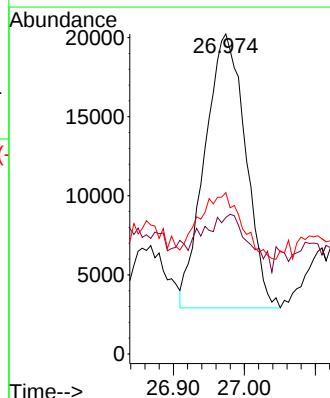
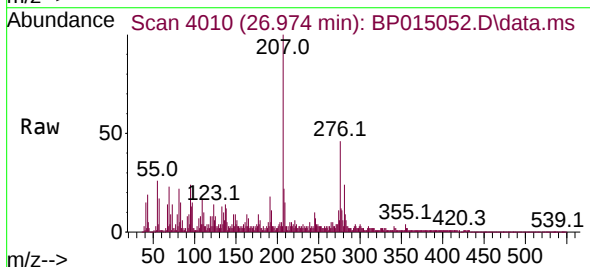
Tgt Ion:278 Resp: 68990

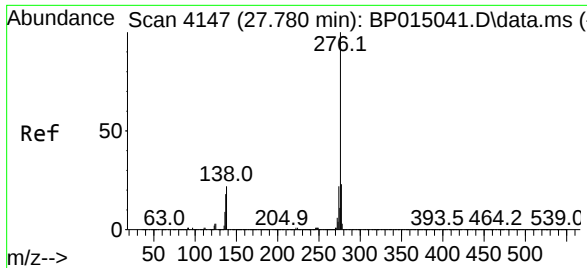
Ion Ratio Lower Upper

278 100

139 42.6 12.9 19.3#

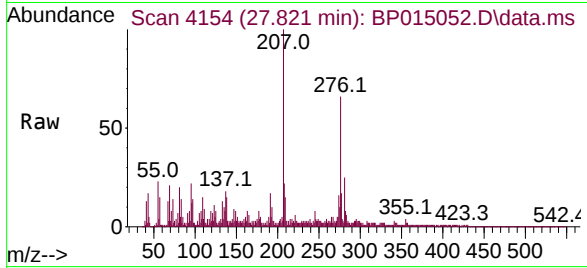
279 50.4 19.0 28.6#





#96
 Benzo(g,h,i)perylene
 Concen: 7.364 ng/ul
 RT: 27.821 min Scan# 4154
 Delta R.T. 0.041 min
 Lab File: BP015052.D
 Acq: 10 May 2023 20:31

Instrument :
 BNA_P
 ClientSampleId :
 JREA8



Tgt Ion:276 Resp: 43307
 Ion Ratio Lower Upper
 276 100
 138 23.4 18.0 27.0
 277 25.8 19.8 29.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023

