

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
 Data File : BP016208.D
 Acq On : 13 Jul 2023 14:57
 Operator : MA/JU
 Sample : 03385-01ME 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7X7ME

Quant Time: Jul 13 22:21:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 18:57:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :Sohil Jodhani 07/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	111448	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	552171	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	374260	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	909726	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	980201	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1129231	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	1488	0.472	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	16729m	1.662	ng/ul	0.08
9) Bis-(2-Chloroethyl)eth...	7.340	67	15604m	2.292	ng/ul	0.04
11) 2-Chlorophenol-d4	7.563	132	13990m	1.925	ng/ul	0.06
15) 4-Methylphenol-d8	8.828	113	12661m	1.561	ng/ul	0.12
21) Nitrobenzene-d5	9.228	128	7489m	1.966	ng/ul	0.07
24) 2-Nitrophenol-d4	9.934	143	8169m	1.882	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.557	165	14133m	1.880	ng/ul	0.10
31) 4-Chloroaniline-d4	11.010	131	2497m	0.207	ng/ul	0.04
46) Dimethylphthalate-d6	14.045	166	76993	2.697	ng/ul	0.01
49) Acenaphthylene-d8	14.322	160	68210	2.180	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	42	0.007	ng/ul	0.01
60) Fluorene-d10	15.616	176	68815	2.880	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	69	0.013	ng/ul	0.00
73) Anthracene-d10	17.486	188	98901	2.485	ng/ul	0.00
81) Pyrene-d10	19.710	212	147082	2.892	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.810	264	123267	2.273	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.263	94	25647m	2.377	ng/ul	
16) Acetophenone	8.858	105	131565	9.839	ng/ul	97
30) Naphthalene	10.828	128	3588176	123.827	ng/ul	100
36) 2-Methylnaphthalene	12.446	142	1140083	58.679	ng/ul	99
37) 1-Methylnaphthalene	12.663	142	530373	26.543	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	382523	14.011	ng/ul	99
50) Acenaphthylene	14.351	152	41739	1.162	ng/ul#	89
52) Acenaphthene	14.681	153	1538609	63.307	ng/ul	99
56) Dibenzofuran	15.028	168	1720260	51.965	ng/ul	100
61) Fluorene	15.675	166	1652768	59.764	ng/ul	98
72) Phenanthrene	17.428	178	8317315	175.468	ng/ul	99
74) Anthracene	17.528	178	2050489	43.051	ng/ul	97
77) Carbazole	17.810	167	825432	19.007	ng/ul	98
80) Fluoranthene	19.392	202	7113928	119.608	ng/ul	98
82) Pyrene	19.745	202	5011586	78.921	ng/ul	98
85) Benzo(a)anthracene	21.457	228	2518942	39.463	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.339	149	67991	1.662	ng/ul	97
87) Chrysene	21.516	228	2071371	32.034	ng/ul	98
90) Benzo(b)fluoranthene	23.204	252	2812857	43.608	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	879582	13.400	ng/ul	100
93) Benzo(a)pyrene	23.863	252	1138668	17.820	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.615	276	1044492	13.201	ng/ul	97
95) Dibenzo(a,h)anthracene	26.615	278	310846	4.816	ng/ul#	80
96) Benzo(g,h,i)perylene	27.462	276	92548	1.465	ng/ul#	86

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Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :Sohil Jodhani 07/14/2023

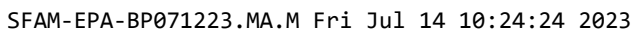
Quant Time: Jul 13 22:21:55 2023
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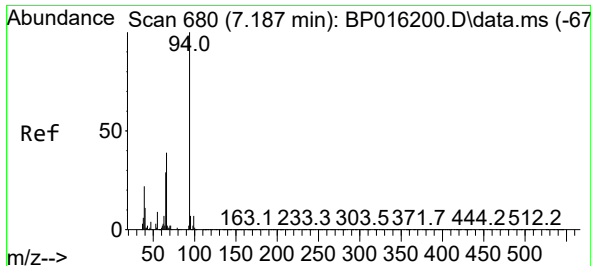
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations

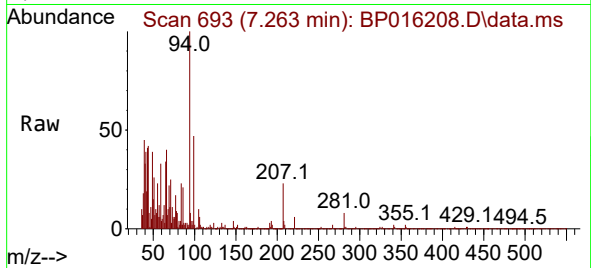
Quant Time: Jul 13 22:21:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 18:57:06 2023
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#8
Phenol
Concen: 2.377 ng/ul m
RT: 7.263 min Scan# 61
Delta R.T. 0.077 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57

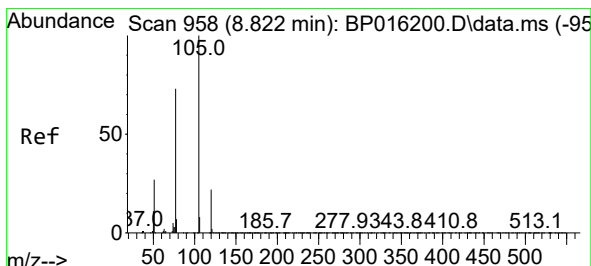
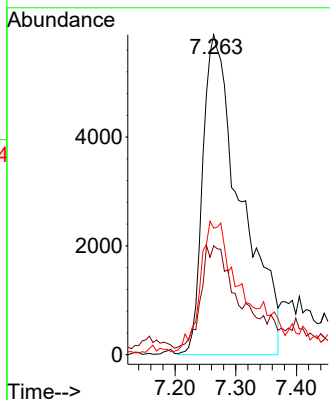
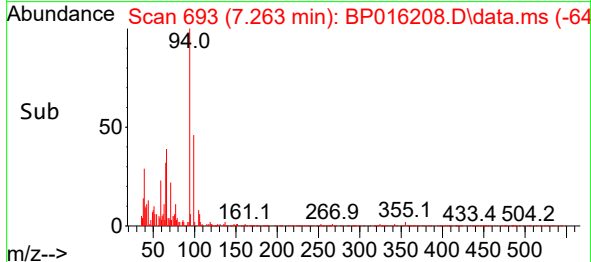
Instrument :
BNA_P
ClientSampleId :
EX7X7ME



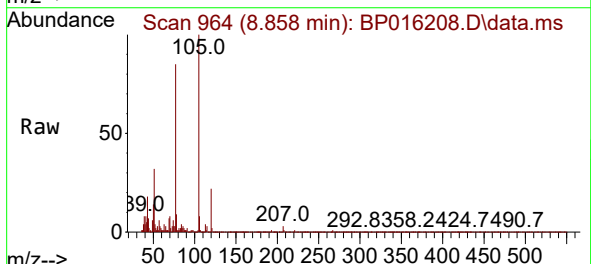
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Ion Ratio Lower Upper
94 100
65 34.0 25.5 38.3
66 39.5 32.7 49.1

Manual Integrations
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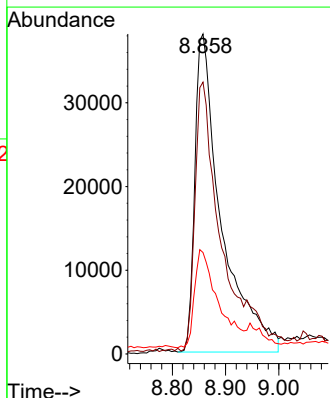
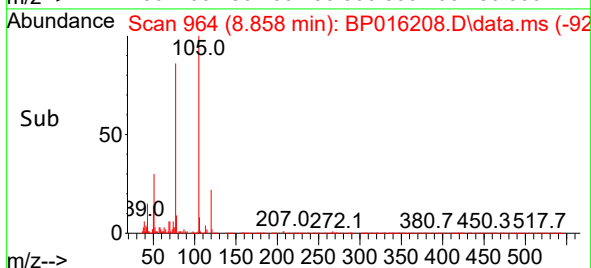
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023

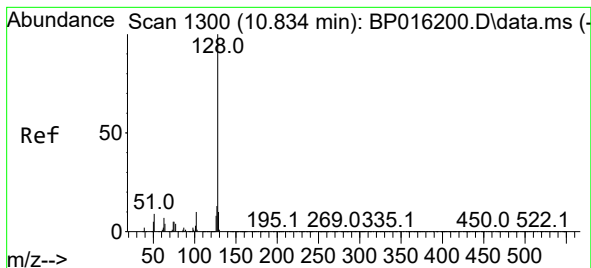


#16
Acetophenone
Concen: 9.839 ng/ul
RT: 8.858 min Scan# 964
Delta R.T. 0.036 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57



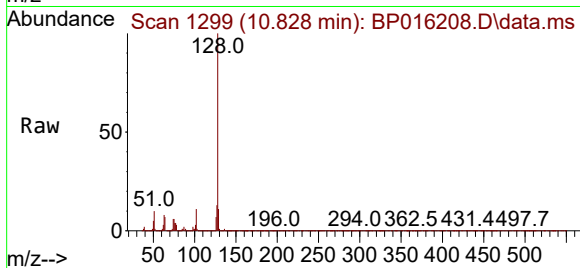
Tgt Ion:105 Resp: 131565
Ion Ratio Lower Upper
105 100
77 85.0 70.2 105.2
51 31.7 26.3 39.5





#30
Naphthalene
Concen: 123.827 ng/ul
RT: 10.828 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57

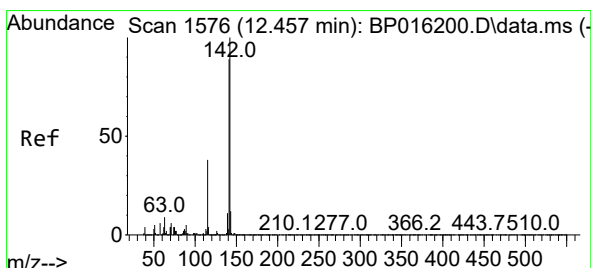
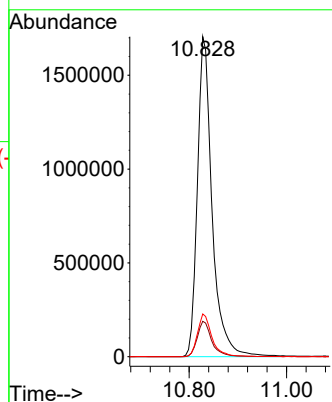
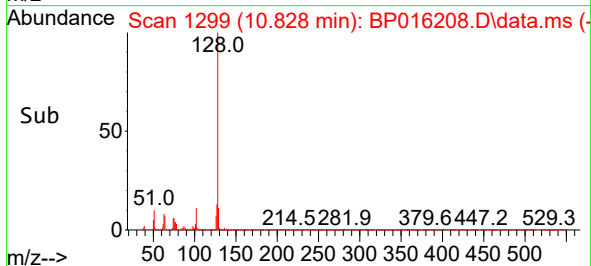
Instrument :
BNA_P
ClientSampleId :
EX7X7ME



Tgt Ion:128 Resp: 3588170
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.9 16.3

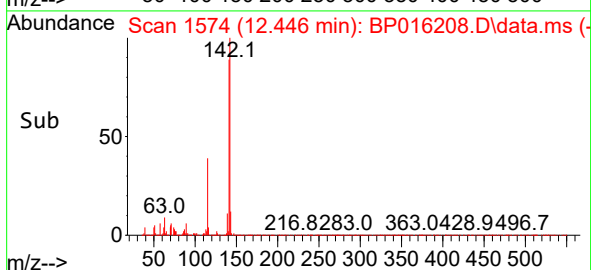
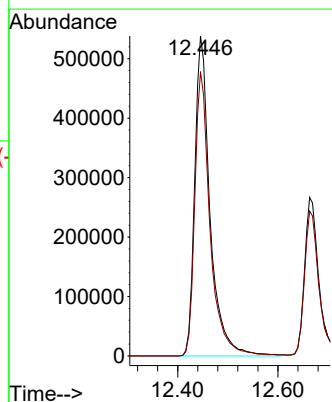
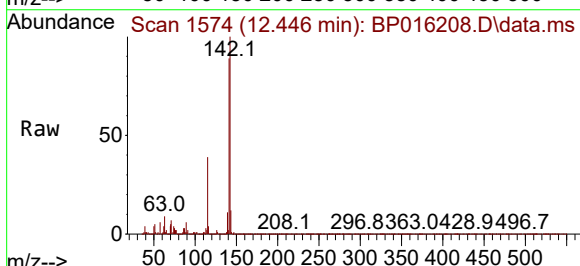
Manual Integrations
APPROVED

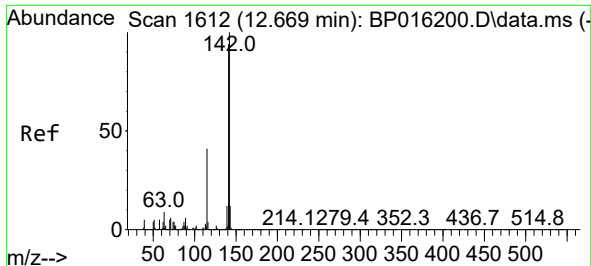
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023



#36
2-Methylnaphthalene
Concen: 58.679 ng/ul
RT: 12.446 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57

Tgt Ion:142 Resp: 1140083
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9





#37

1-Methylnaphthalene

Concen: 26.543 ng/ul

RT: 12.663 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016208.D

Acq: 13 Jul 2023 14:57

Instrument :

BNA_P

ClientSampleId :

EX7X7ME

Tgt Ion:142 Resp: 53037

Ion Ratio Lower Upper

142 100

141 91.5 73.9 110.9

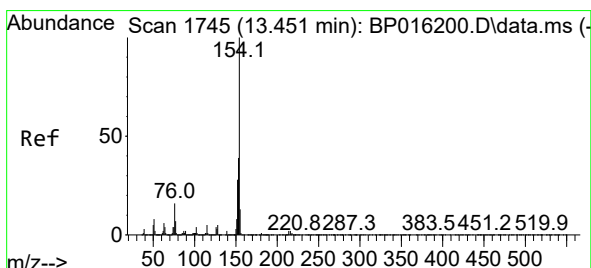
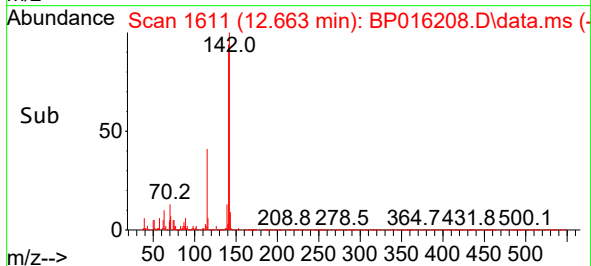
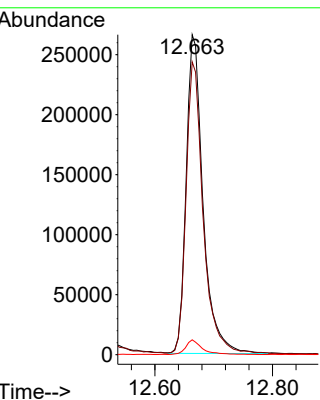
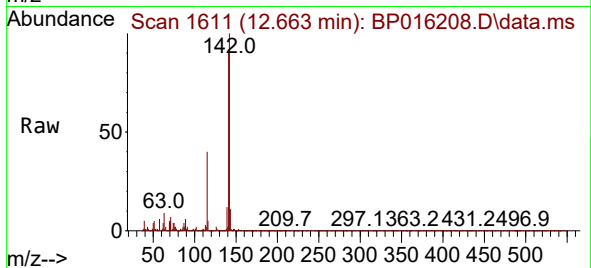
116 4.6 3.4 5.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/14/2023

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#43

1,1'-Biphenyl

Concen: 14.011 ng/ul

RT: 13.463 min Scan# 1747

Delta R.T. 0.012 min

Lab File: BP016208.D

Acq: 13 Jul 2023 14:57

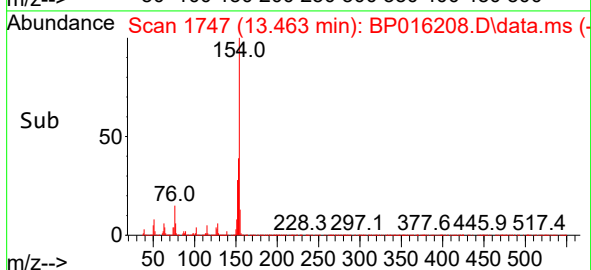
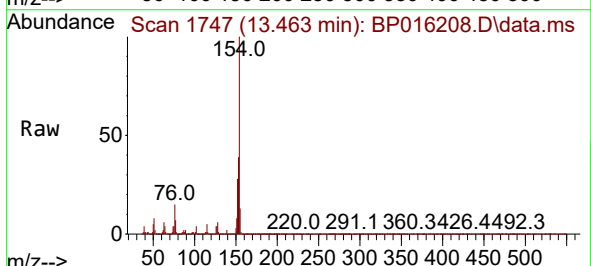
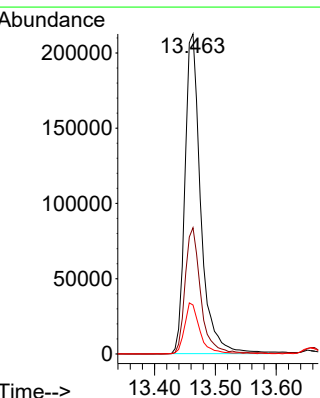
Tgt Ion:154 Resp: 382523

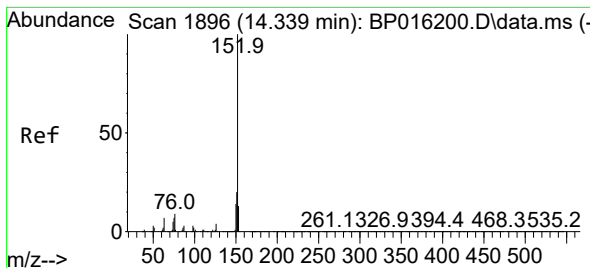
Ion Ratio Lower Upper

154 100

153 39.4 31.1 46.7

76 15.3 12.9 19.3





#50

Acenaphthylene

Concen: 1.162 ng/ul

RT: 14.351 min Scan# 1898

Delta R.T. 0.012 min

Lab File: BP016208.D

Acq: 13 Jul 2023 14:57

Instrument :

BNA_P

ClientSampleId :

EX7X7ME

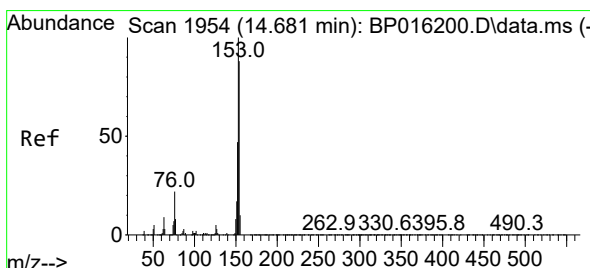
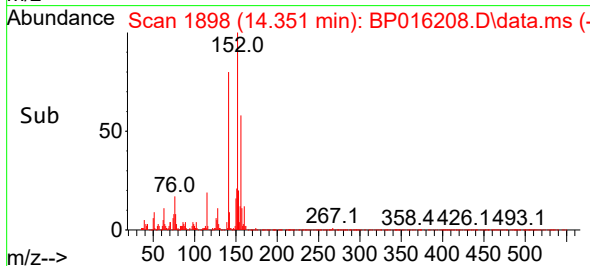
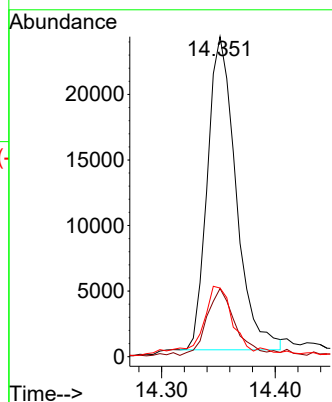
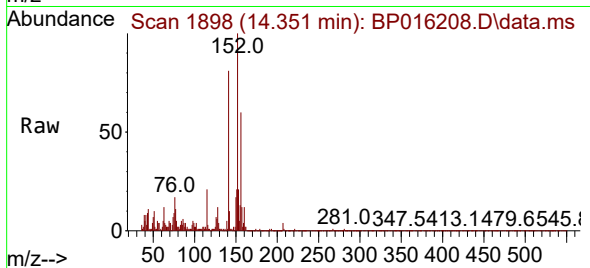
Tgt Ion:	152	Resp:	41739
Ion Ratio	Lower	Upper	
152	100		
151	21.3	15.8	23.8
153	21.4	10.2	15.4

Manual Integrations

APPROVED

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Supervised By :Sohil Jodhani 07/14/2023



#52

Acenaphthene

Concen: 63.307 ng/ul

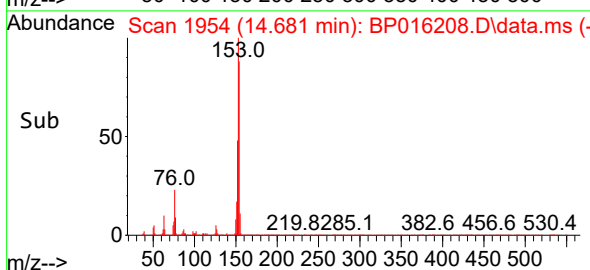
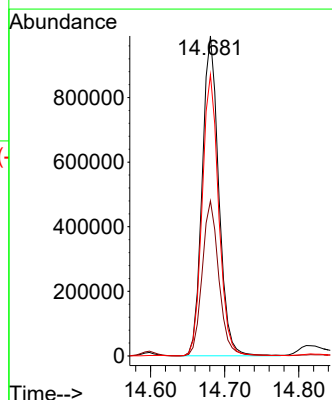
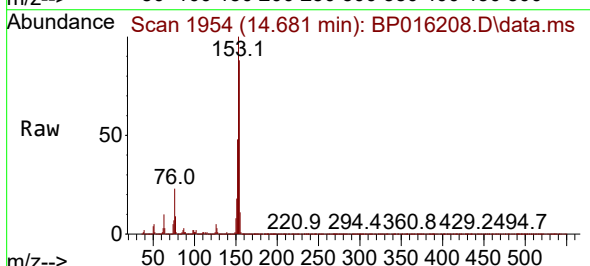
RT: 14.681 min Scan# 1954

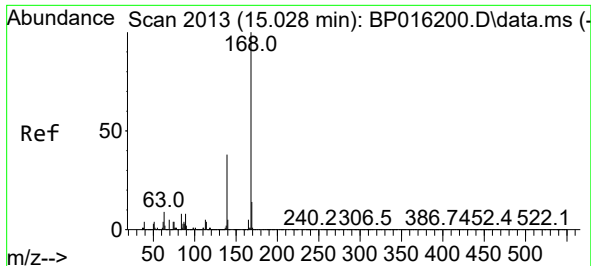
Delta R.T. 0.000 min

Lab File: BP016208.D

Acq: 13 Jul 2023 14:57

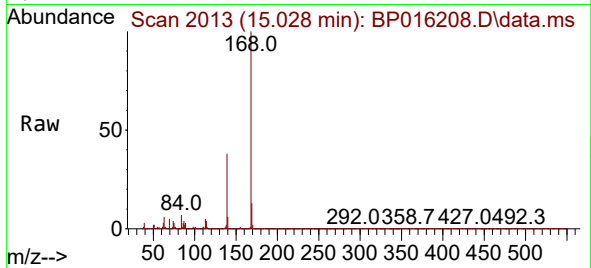
Tgt Ion:	153	Resp:	1538609
Ion Ratio	Lower	Upper	
153	100		
152	48.4	37.9	56.9
154	87.9	69.3	103.9





#56
Dibenzenofuran
Concen: 51.965 ng/ul
RT: 15.028 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57

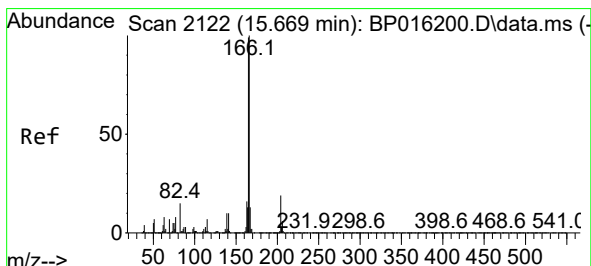
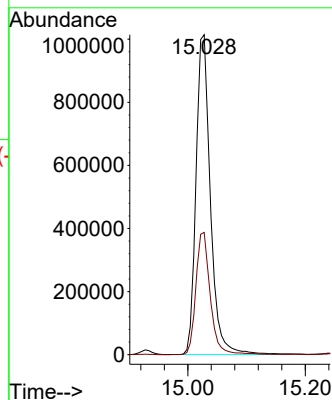
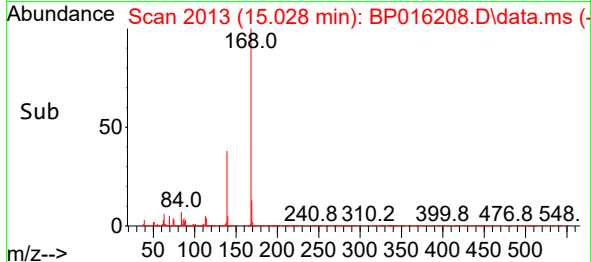
Instrument :
BNA_P
ClientSampleId :
EX7X7ME



Tgt Ion:168 Resp: 1720260
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8

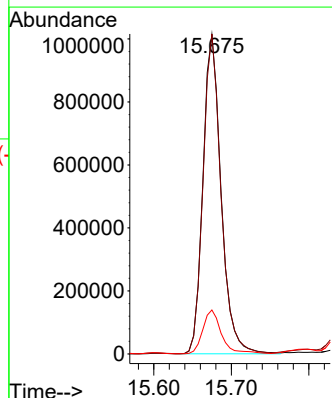
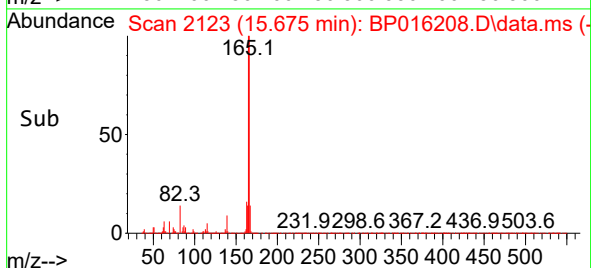
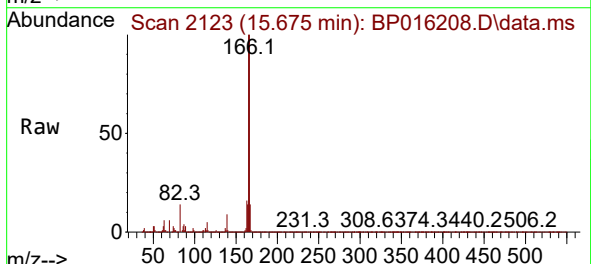
Manual Integrations
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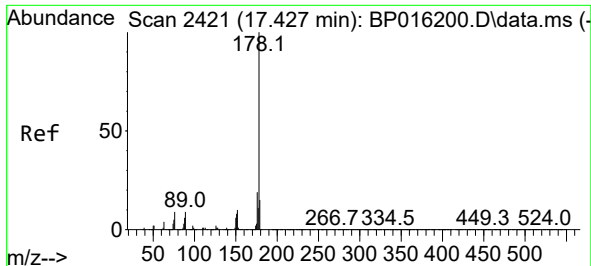
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023



#61
Fluorene
Concen: 59.764 ng/ul
RT: 15.675 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57

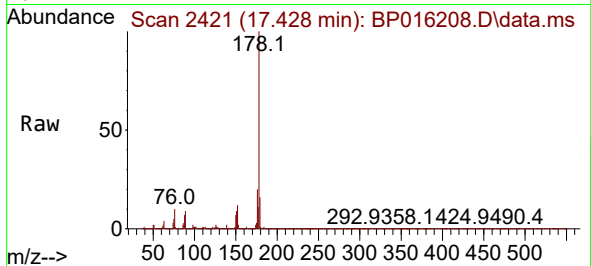
Tgt Ion:166 Resp: 1652768
Ion Ratio Lower Upper
166 100
165 100.2 78.6 117.8
167 13.8 11.0 16.4





#72
Phenanthrene
Concen: 175.468 ng/ul
RT: 17.428 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57

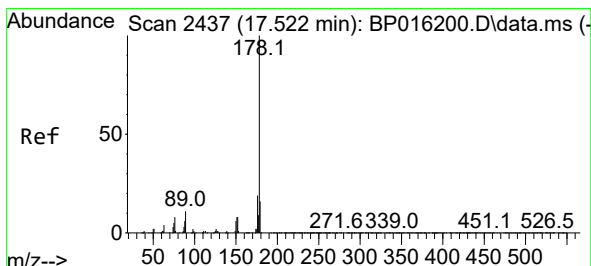
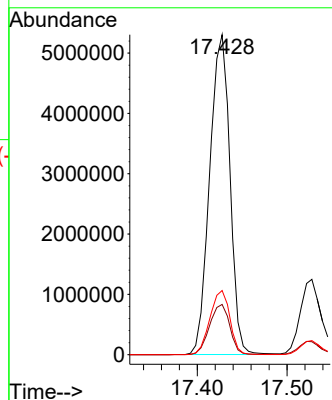
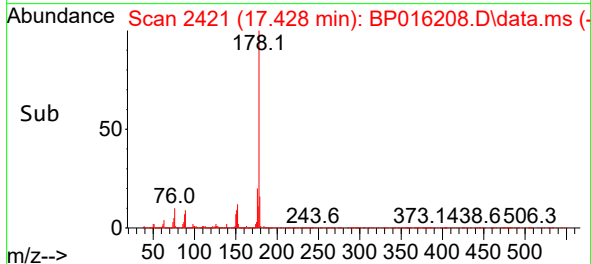
Instrument :
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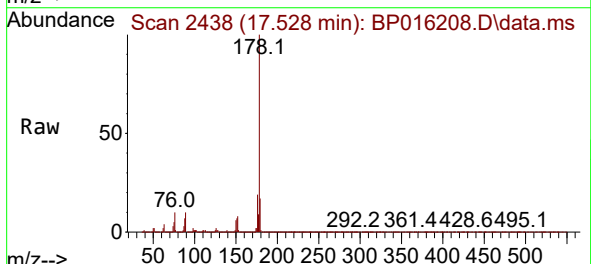
Tgt Ion:178 Resp: 831731
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 20.1 15.6 23.4

Manual Integrations
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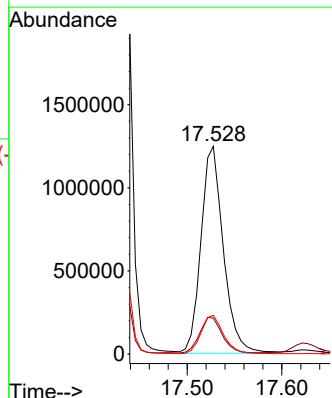
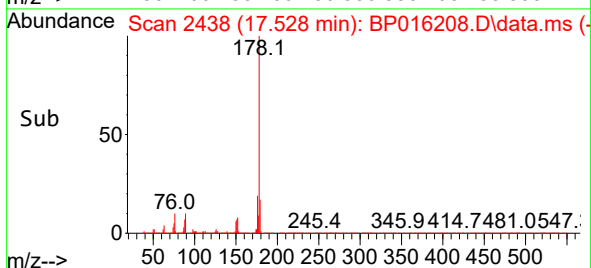
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023

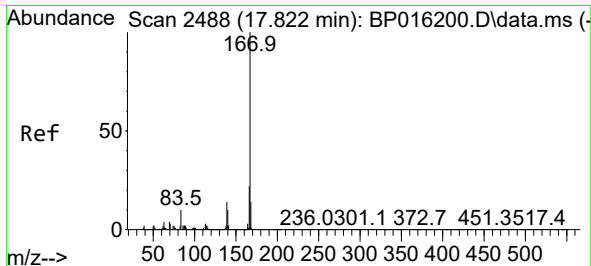


#74
Anthracene
Concen: 43.051 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. 0.006 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57



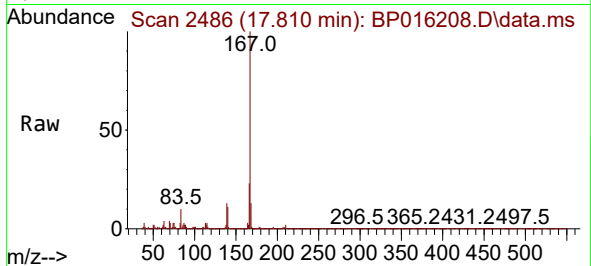
Tgt Ion:178 Resp: 2050489
Ion Ratio Lower Upper
178 100
179 17.3 11.9 17.9
176 18.6 15.0 22.4





#77
 Carbazole
 Concen: 19.007 ng/ul
 RT: 17.810 min Scan# 2486
 Delta R.T. -0.012 min
 Lab File: BP016208.D
 Acq: 13 Jul 2023 14:57

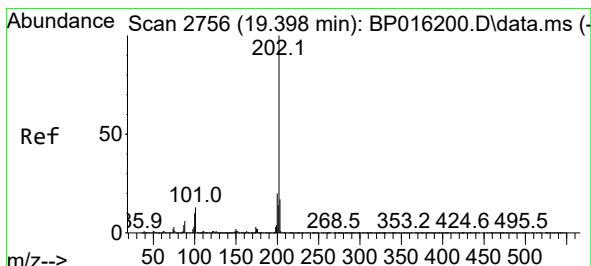
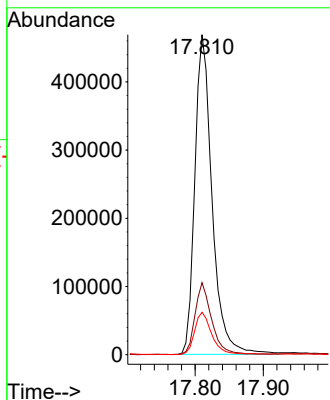
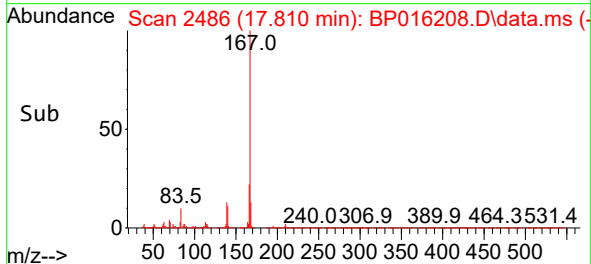
Instrument :
 BNA_P
 ClientSampleId :
 EX7X7ME



Tgt Ion:167 Resp: 82543
 Ion Ratio Lower Upper
 167 100
 166 22.5 16.8 25.2
 139 13.2 10.2 15.4

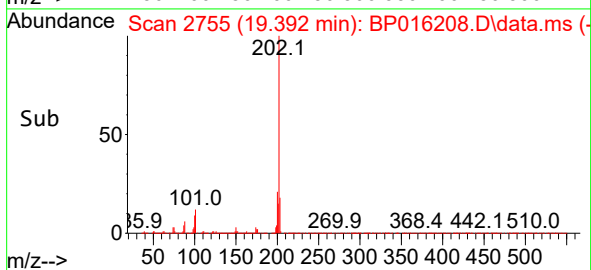
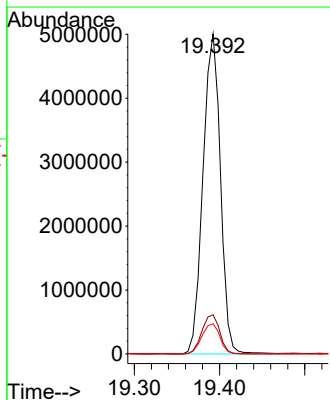
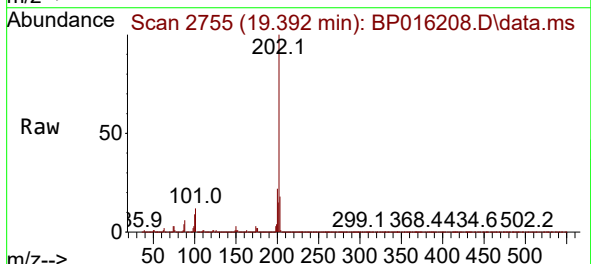
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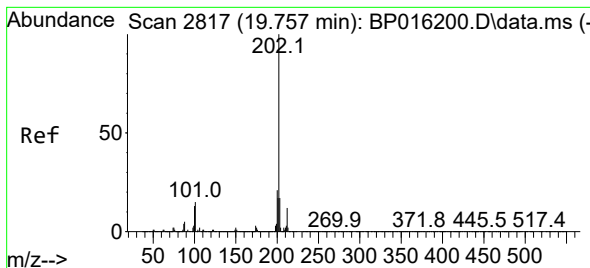
Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :Sohil Jodhani 07/14/2023



#80
 Fluoranthene
 Concen: 119.608 ng/ul
 RT: 19.392 min Scan# 2755
 Delta R.T. -0.006 min
 Lab File: BP016208.D
 Acq: 13 Jul 2023 14:57

Tgt Ion:202 Resp: 7113928
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.4 15.6
 100 9.4 8.2 12.4





#82

Pyrene

Concen: 78.921 ng/ul

RT: 19.745 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016208.D

Acq: 13 Jul 2023 14:57

Instrument :

BNA_P

ClientSampleId :

EX7X7ME

Tgt Ion:202 Resp: 501158

Ion Ratio Lower Upper

202 100

101 14.6 12.4 18.6

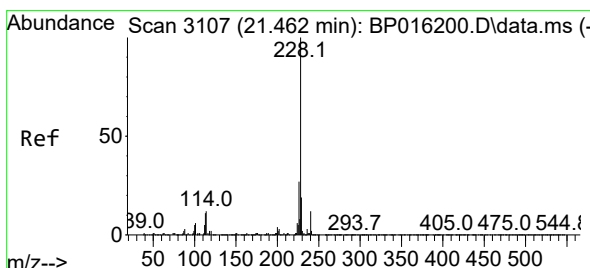
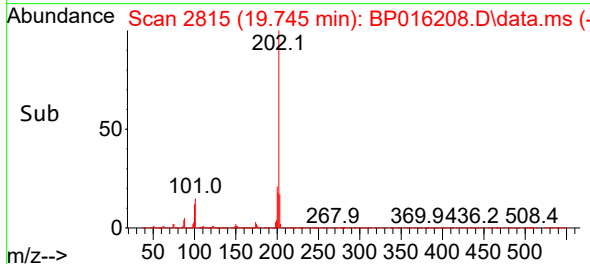
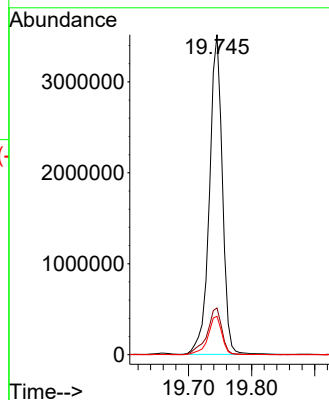
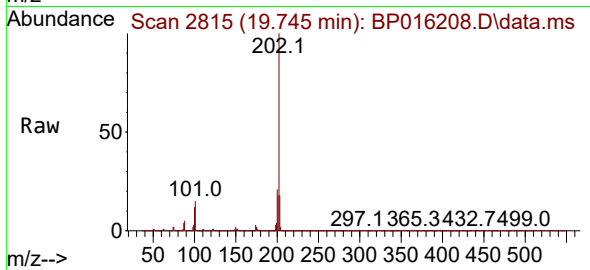
100 12.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :Sohil Jodhani 07/14/2023



#85

Benzo(a)anthracene

Concen: 39.463 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP016208.D

Acq: 13 Jul 2023 14:57

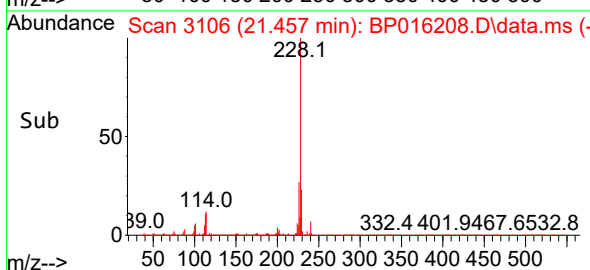
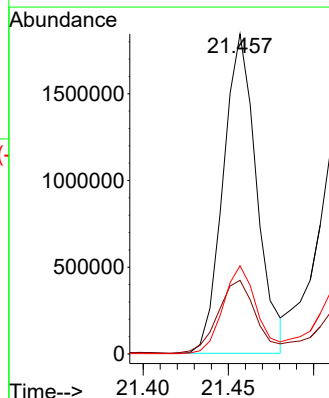
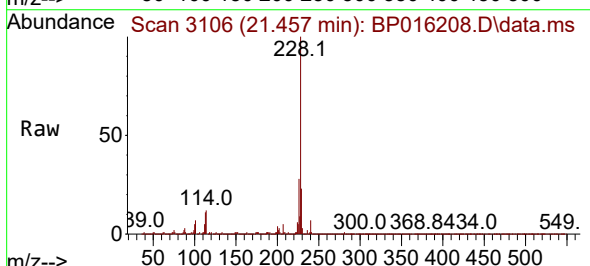
Tgt Ion:228 Resp: 2518942

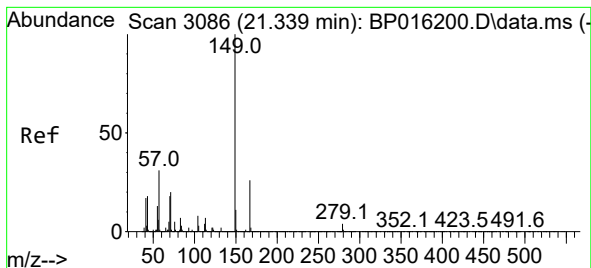
Ion Ratio Lower Upper

228 100

229 23.0 15.5 23.3

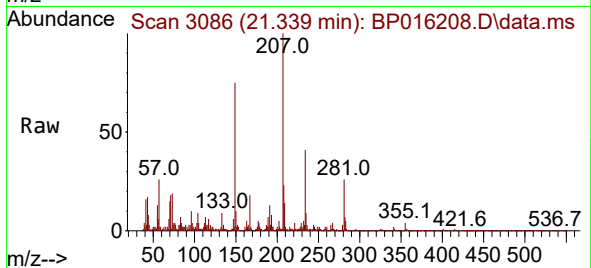
226 27.6 21.5 32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.662 ng/ul
RT: 21.339 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57

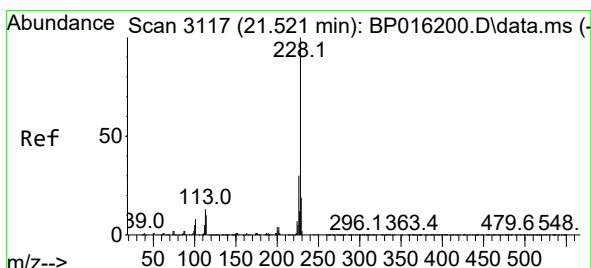
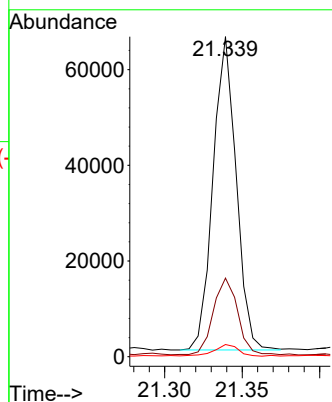
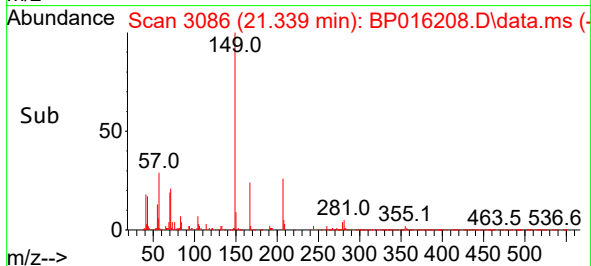
Instrument :
BNA_P
ClientSampleId :
EX7X7ME



Tgt Ion:149 Resp: 6799
Ion Ratio Lower Upper
149 100
167 24.6 21.0 31.4
279 3.8 3.0 4.6

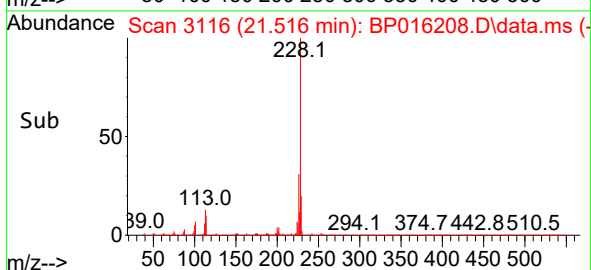
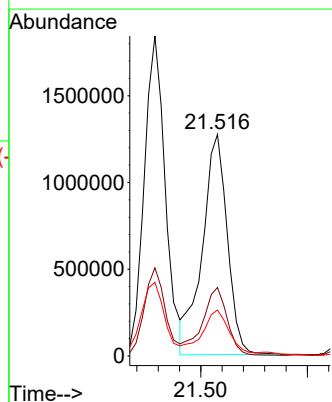
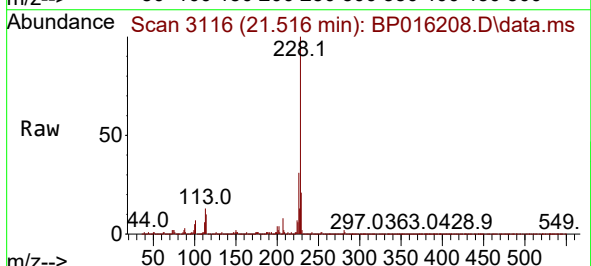
Manual Integrations
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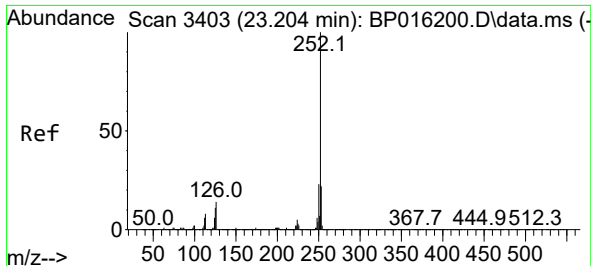
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023



#87
Chrysene
Concen: 32.034 ng/ul
RT: 21.516 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57

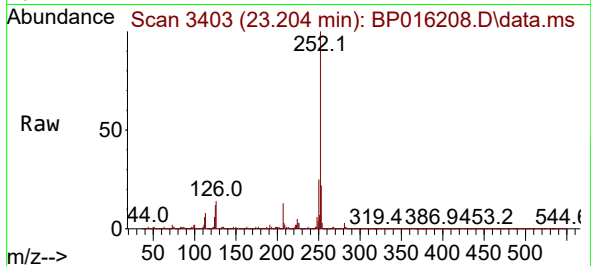
Tgt Ion:228 Resp: 2071371
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 20.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 43.608 ng/ul
RT: 23.204 min Scan# 3403
Delta R.T. 0.000 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57

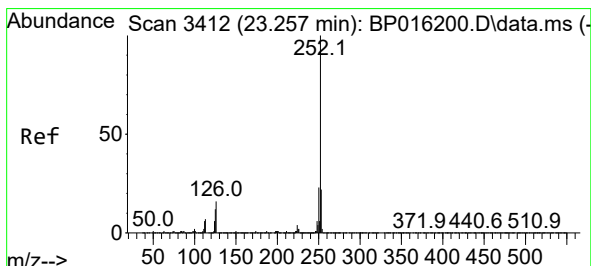
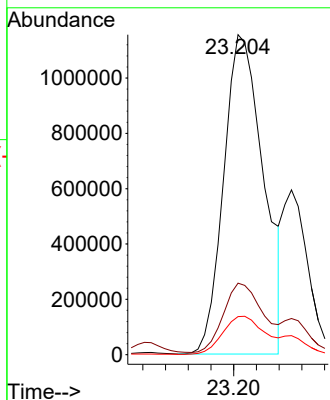
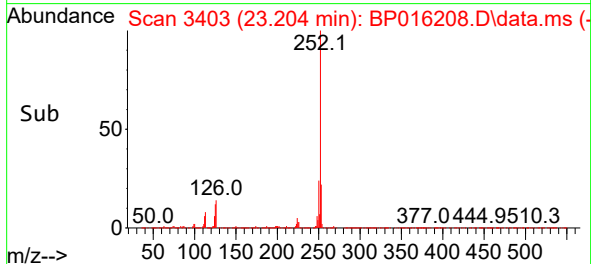
Instrument :
BNA_P
ClientSampleId :
EX7X7ME



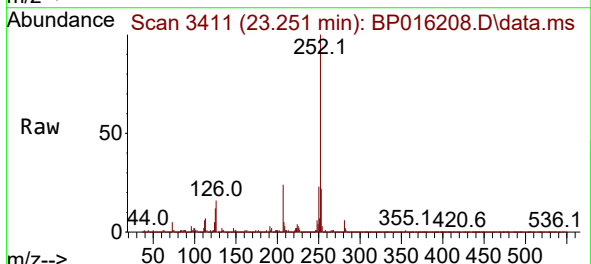
Tgt Ion:252 Resp: 281285
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.9 9.4 14.0

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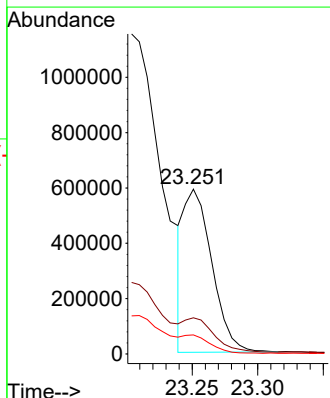
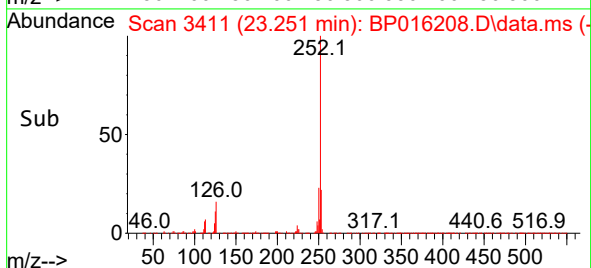
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023

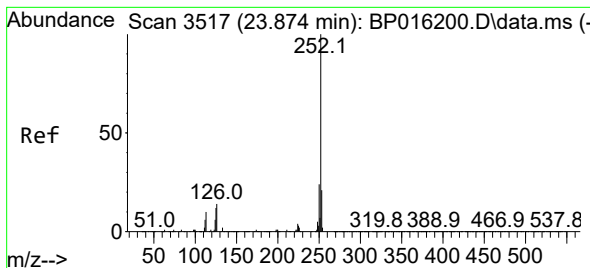


#91
Benzo(k)fluoranthene
Concen: 13.400 ng/ul
RT: 23.251 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BP016208.D
Acq: 13 Jul 2023 14:57



Tgt Ion:252 Resp: 879582
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.5 9.3 13.9





#93

Benzo(a)pyrene

Concen: 17.820 ng/ul

RT: 23.863 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP016208.D

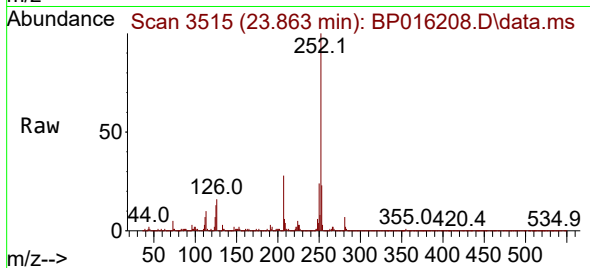
Acq: 13 Jul 2023 14:57

Instrument :

BNA_P

ClientSampleId :

EX7X7ME



Tgt Ion:252 Resp: 113866

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

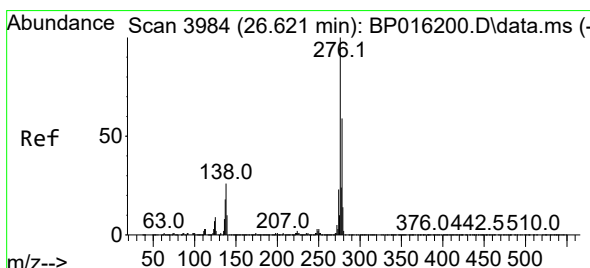
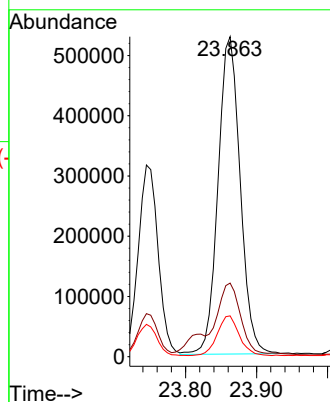
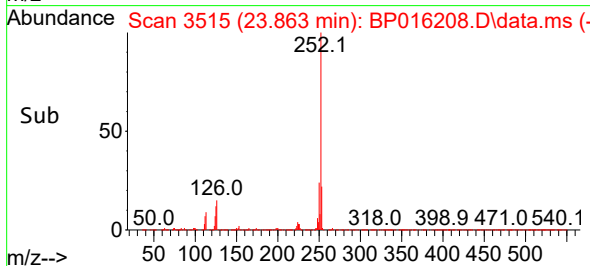
125 12.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :Sohil Jodhani 07/14/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.201 ng/ul

RT: 26.615 min Scan# 3983

Delta R.T. -0.006 min

Lab File: BP016208.D

Acq: 13 Jul 2023 14:57

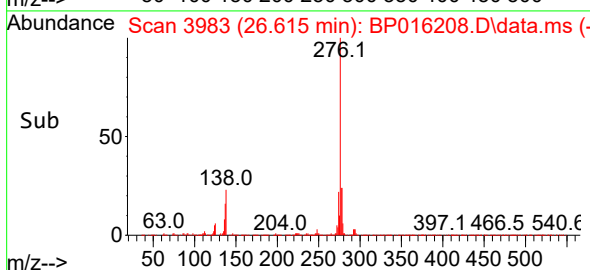
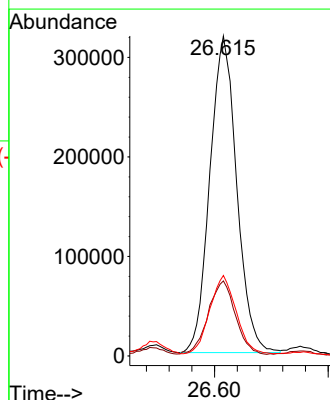
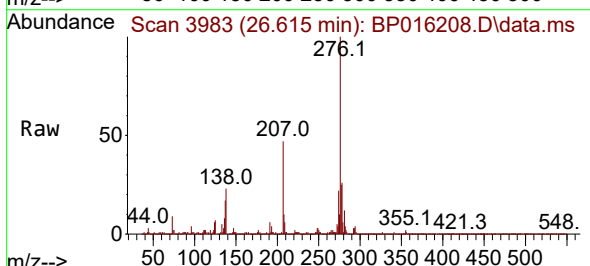
Tgt Ion:276 Resp: 1044492

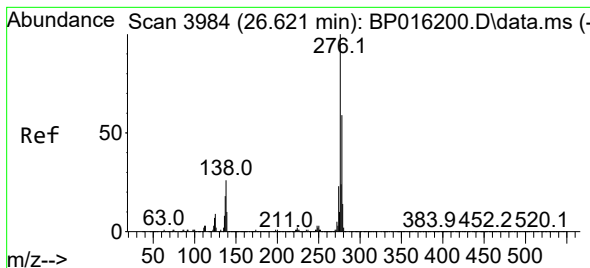
Ion Ratio Lower Upper

276 100

138 23.4 20.8 31.2

277 25.2 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 4.816 ng/ul

RT: 26.615 min Scan# 3984

Delta R.T. -0.006 min

Lab File: BP016208.D

Acq: 13 Jul 2023 14:57

Instrument :

BNA_P

ClientSampleId :

EX7X7ME

Tgt Ion:278 Resp: 31084

Ion Ratio Lower Upper

278 100

139 0.0 13.9 20.9

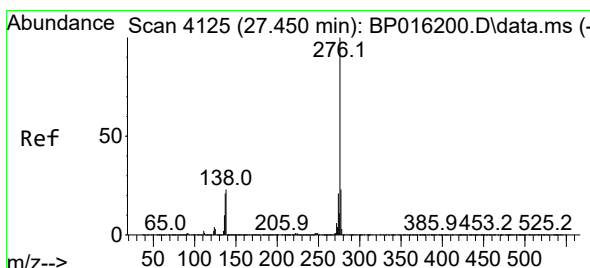
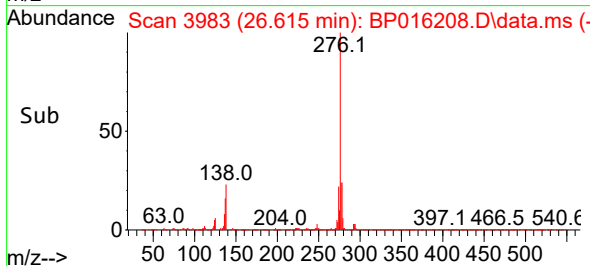
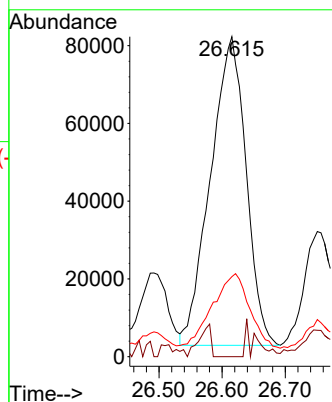
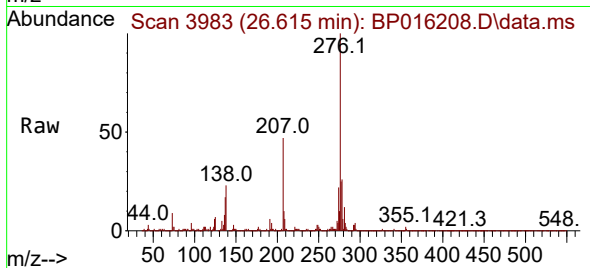
279 25.0 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :Sohil Jodhani 07/14/2023



#96

Benzo(g,h,i)perylene

Concen: 1.465 ng/ul

RT: 27.462 min Scan# 4127

Delta R.T. 0.012 min

Lab File: BP016208.D

Acq: 13 Jul 2023 14:57

Tgt Ion:276 Resp: 92548

Ion Ratio Lower Upper

276 100

138 29.2 19.0 28.4#

277 31.7 19.0 28.4#

