

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
 Data File : BP016213.D
 Acq On : 13 Jul 2023 17:55
 Operator : MA/JU
 Sample : 03385-01MEDL 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EX7X7MEDL

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 22:27:07 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	141059	20.000	ng/ul	0.02
20) Naphthalene-d8	10.793	136	822359	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.622	164	585931	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.387	188	1396241	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1556898	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1861296	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.622	132	3591m	0.390	ng/ul	0.12
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.075	166	22349	0.500	ng/ul	0.04
49) Acenaphthylene-d8	14.334	160	19750	0.403	ng/ul	0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.634	176	19121	0.511	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.504	188	34142	0.559	ng/ul	0.02
81) Pyrene-d10	19.722	212	45134	0.559	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	35078	0.392	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.846	128	1054813	24.442	ng/ul	99
36) 2-Methylnaphthalene	12.475	142	318435	11.005	ng/ul	97
37) 1-Methylnaphthalene	12.687	142	155753	5.234	ng/ul	96
43) 1,1'-Biphenyl	13.481	154	109229	2.556	ng/ul	95
52) Acenaphthene	14.687	153	462083	12.144	ng/ul	96
56) Dibenzofuran	15.045	168	513807	9.914	ng/ul	98
61) Fluorene	15.692	166	494932	11.431	ng/ul	100
72) Phenanthrene	17.428	178	2778950	38.199	ng/ul	100
74) Anthracene	17.545	178	572315	7.829	ng/ul	96
77) Carbazole	17.834	167	224197	3.364	ng/ul	98
80) Fluoranthene	19.398	202	2285623	24.194	ng/ul	96
82) Pyrene	19.751	202	1548390	15.352	ng/ul	96
85) Benzo(a)anthracene	21.469	228	773475m	7.629	ng/ul	
87) Chrysene	21.522	228	636080	6.193	ng/ul	99
90) Benzo(b)fluoranthene	23.221	252	779573	7.332	ng/ul	98
91) Benzo(k)fluoranthene	23.269	252	327082	3.023	ng/ul	99
93) Benzo(a)pyrene	23.874	252	336345	3.193	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.668	276	292002	2.239	ng/ul#	92

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

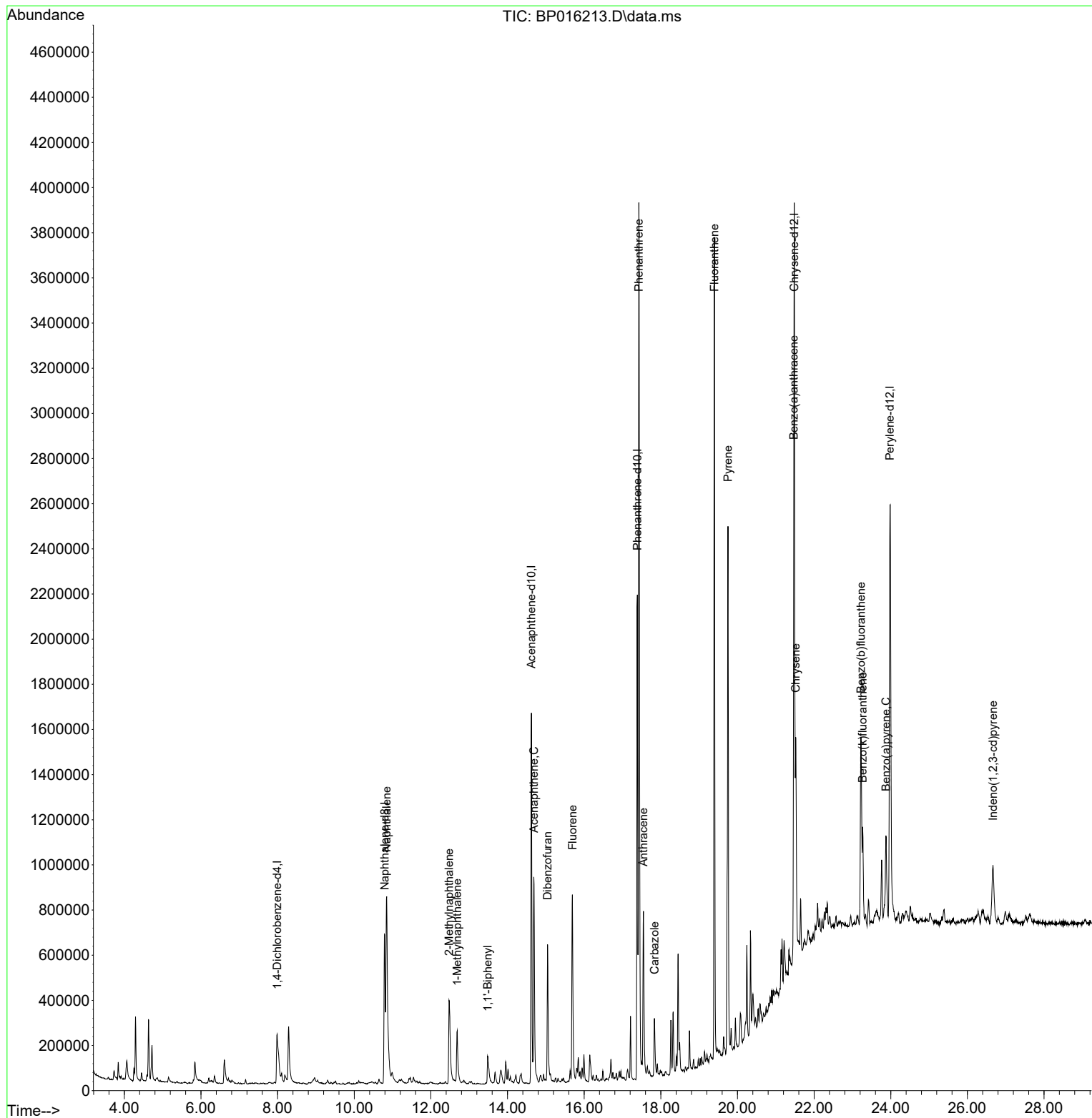
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016213.D
Acq On : 13 Jul 2023 17:55
Operator : MA/JU
Sample : 03385-01MEDL 25X
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ALS Vial : 15 Sample Multiplier: 1

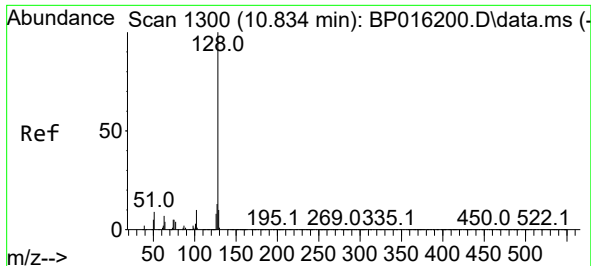
Instrument :
BNA_P
ClientSampleId :
EX7X7MEDL

Quant Time: Jul 13 22:27:07 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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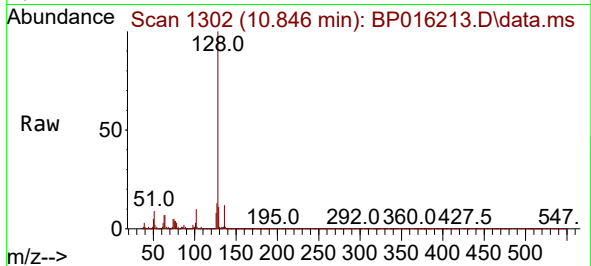
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023





#30
Naphthalene
Concen: 24.442 ng/ul
RT: 10.846 min Scan# 1302
Delta R.T. 0.012 min
Lab File: BP016213.D
Acq: 13 Jul 2023 17:55

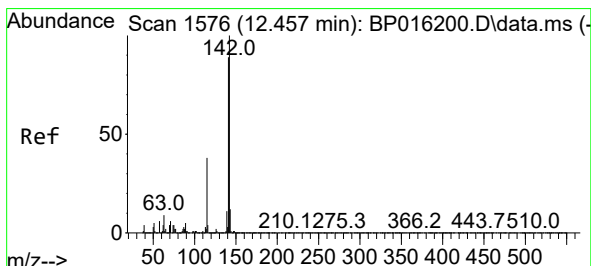
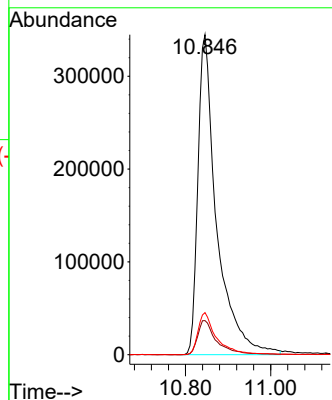
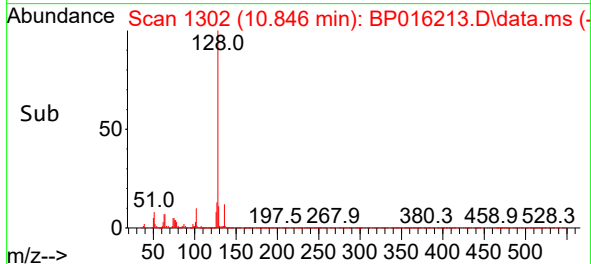
Instrument :
BNA_P
ClientSampleId :
EX7X7MEDL



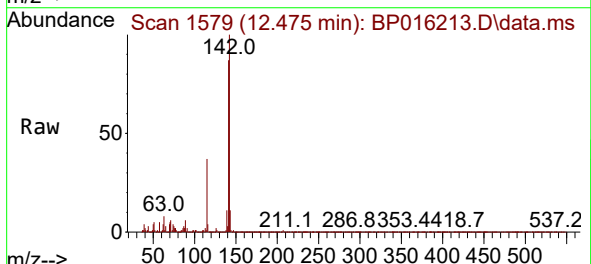
Tgt Ion:128 Resp: 105481
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.2 10.9 16.3

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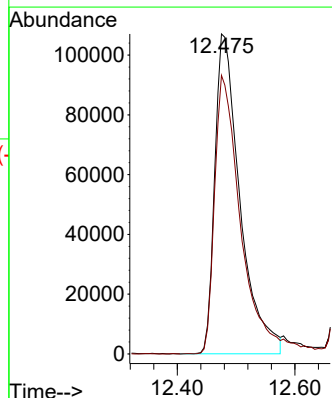
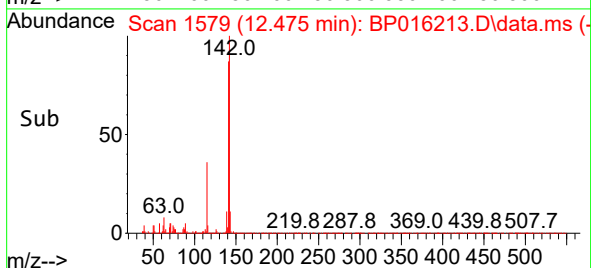
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023

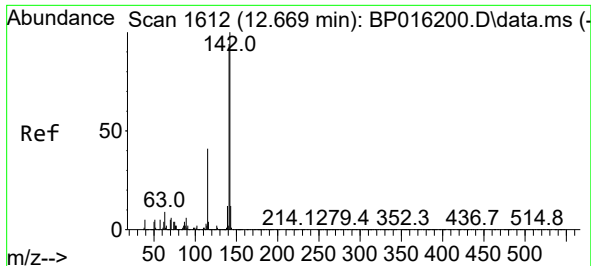


#36
2-Methylnaphthalene
Concen: 11.005 ng/ul
RT: 12.475 min Scan# 1579
Delta R.T. 0.018 min
Lab File: BP016213.D
Acq: 13 Jul 2023 17:55



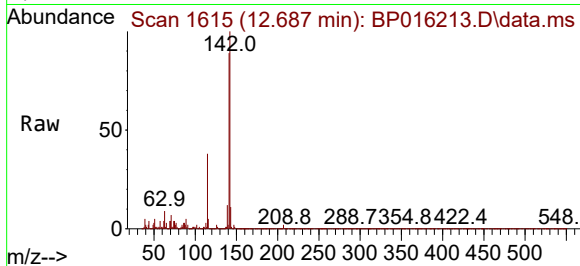
Tgt Ion:142 Resp: 318435
Ion Ratio Lower Upper
142 100
141 87.0 71.9 107.9





#37
1-Methylnaphthalene
Concen: 5.234 ng/ul
RT: 12.687 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP016213.D
Acq: 13 Jul 2023 17:55

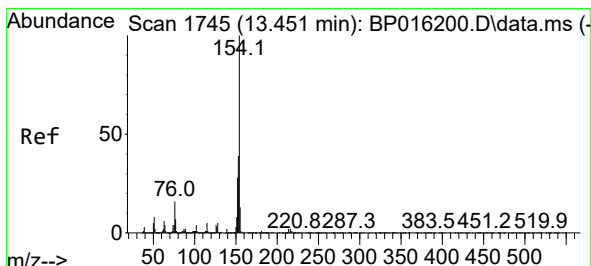
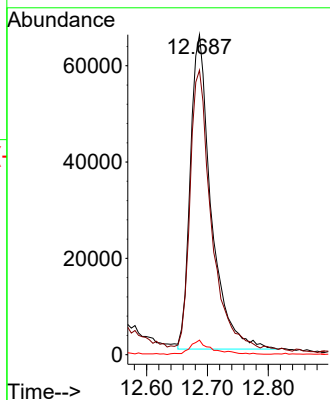
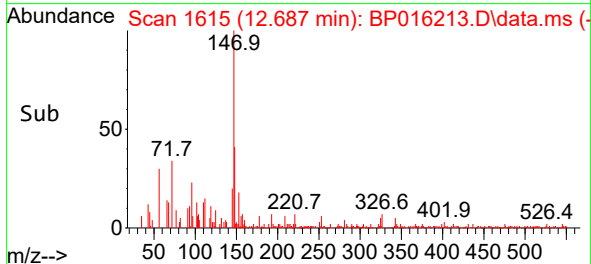
Instrument :
BNA_P
ClientSampleId :
EX7X7MEDL



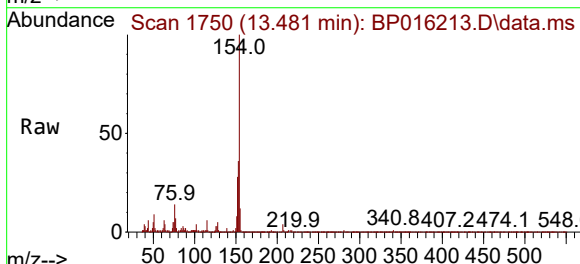
Tgt Ion:142 Resp: 15575
Ion Ratio Lower Upper
142 100
141 88.9 73.9 110.9
116 4.5 3.4 5.2

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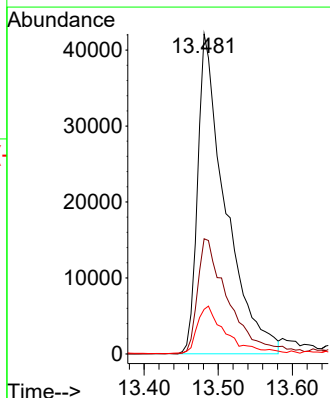
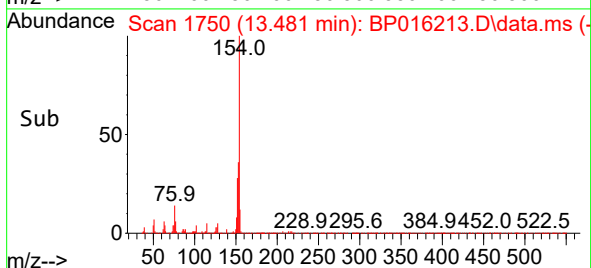
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023

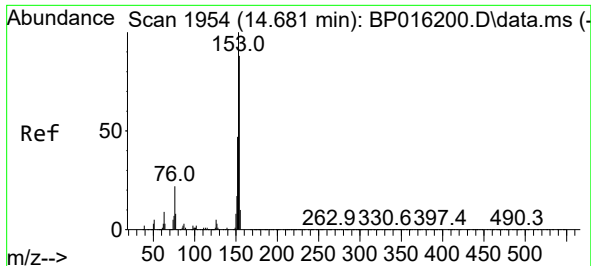


#43
1,1'-Biphenyl
Concen: 2.556 ng/ul
RT: 13.481 min Scan# 1750
Delta R.T. 0.030 min
Lab File: BP016213.D
Acq: 13 Jul 2023 17:55



Tgt Ion:154 Resp: 109229
Ion Ratio Lower Upper
154 100
153 36.0 31.1 46.7
76 13.9 12.9 19.3





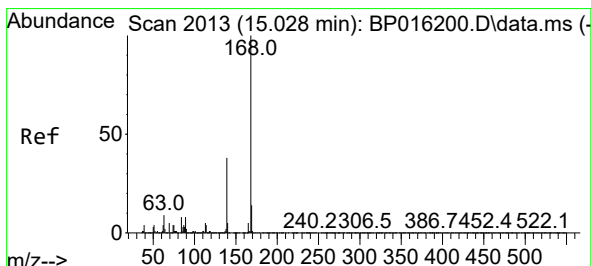
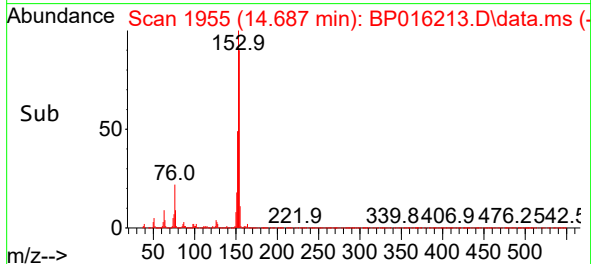
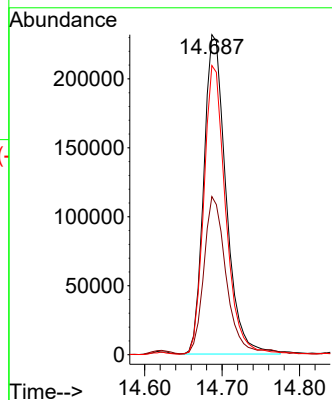
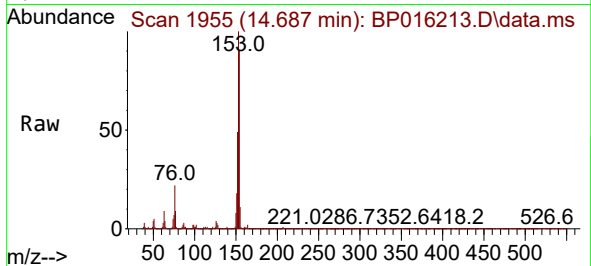
#52
Acenaphthene
Concen: 12.144 ng/ul
RT: 14.687 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BP016213.D
Acq: 13 Jul 2023 17:55

Instrument :
BNA_P
ClientSampleId :
EX7X7MEDL

Tgt Ion:153 Resp: 46208
Ion Ratio Lower Upper
153 100
152 49.4 37.9 56.9
154 90.4 69.3 103.9

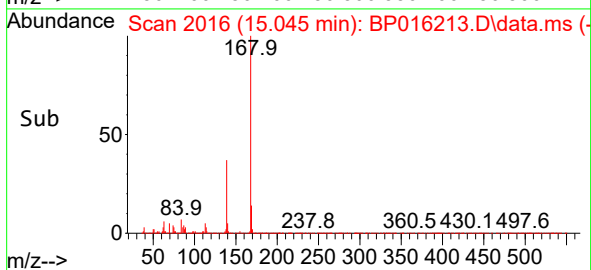
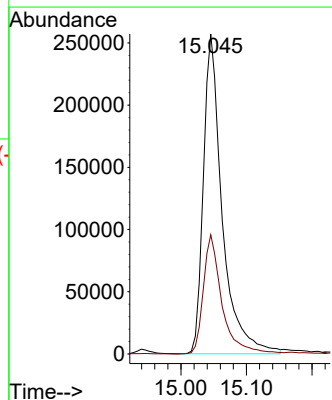
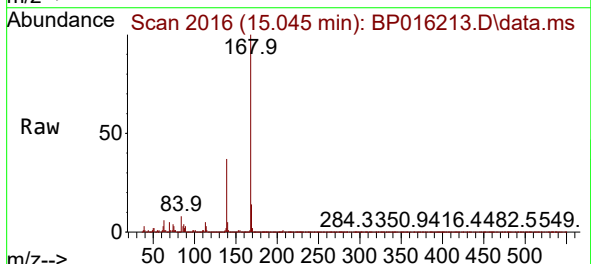
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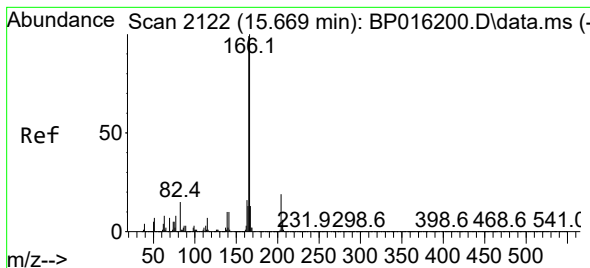
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023



#56
Dibenzofuran
Concen: 9.914 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. 0.018 min
Lab File: BP016213.D
Acq: 13 Jul 2023 17:55

Tgt Ion:168 Resp: 513807
Ion Ratio Lower Upper
168 100
139 37.3 30.6 45.8





#61

Fluorene

Concen: 11.431 ng/ul

RT: 15.692 min Scan# 2126

Delta R.T. 0.024 min

Lab File: BP016213.D

Acq: 13 Jul 2023 17:55

Instrument :

BNP_P

ClientSampleId :

EX7X7MEDL

Tgt Ion:166 Resp: 49493

Ion Ratio Lower Upper

166 100

165 97.7 78.6 117.8

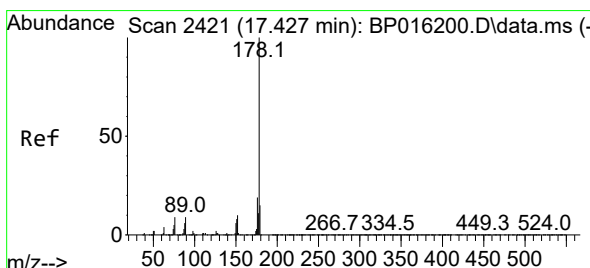
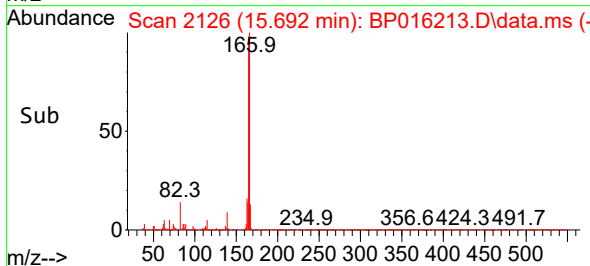
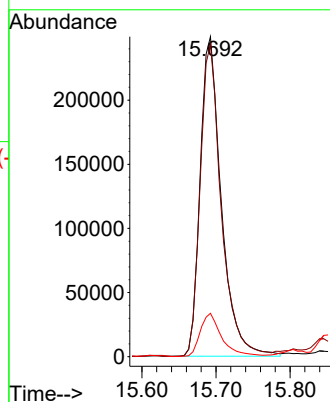
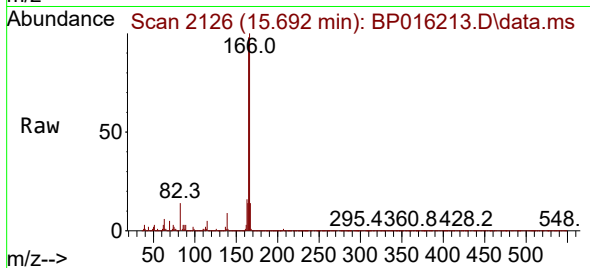
167 13.6 11.0 16.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/14/2023

Supervised By :Sohil Jodhani 07/14/2023



#72

Phenanthrene

Concen: 38.199 ng/ul

RT: 17.428 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BP016213.D

Acq: 13 Jul 2023 17:55

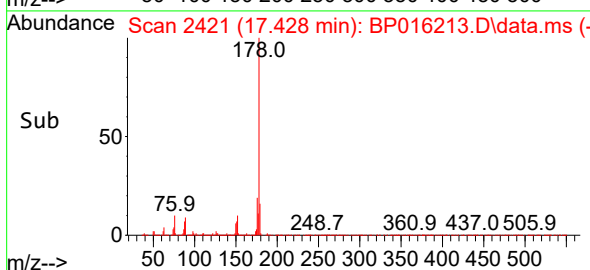
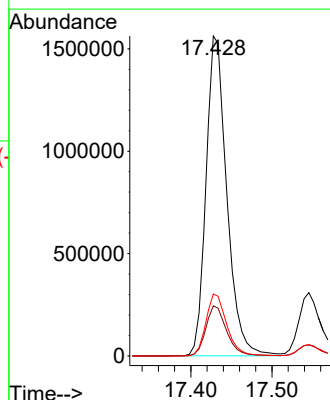
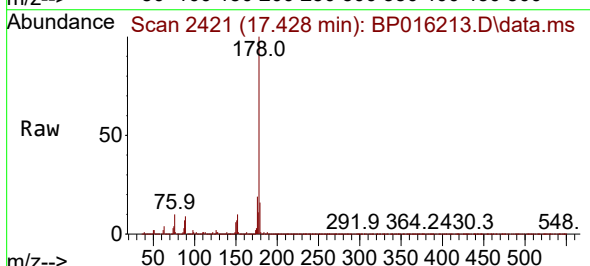
Tgt Ion:178 Resp: 2778950

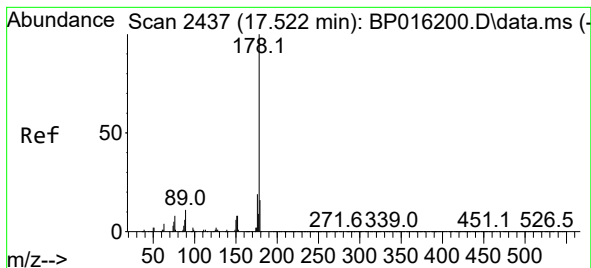
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 19.4 15.6 23.4





#74

Anthracene

Concen: 7.829 ng/ul

RT: 17.545 min Scan# 2441

Delta R.T. 0.024 min

Lab File: BP016213.D

Acq: 13 Jul 2023 17:55

Instrument :

BNA_P

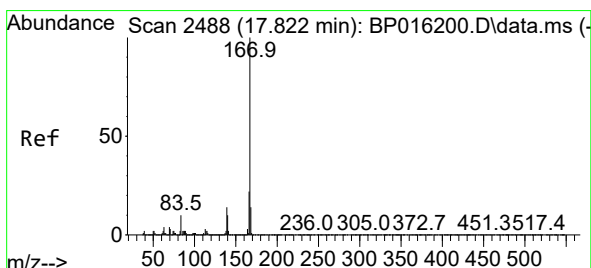
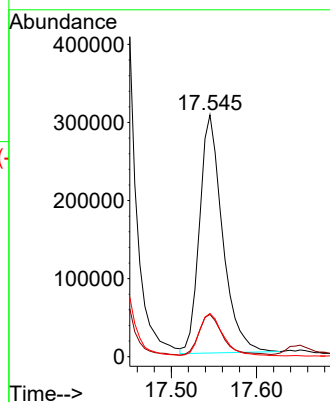
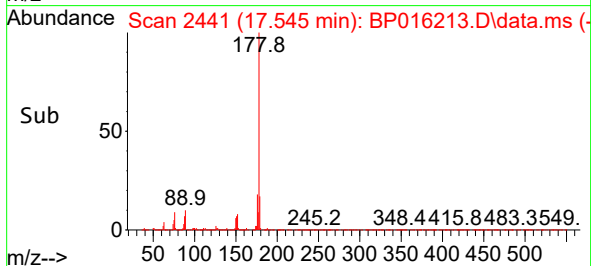
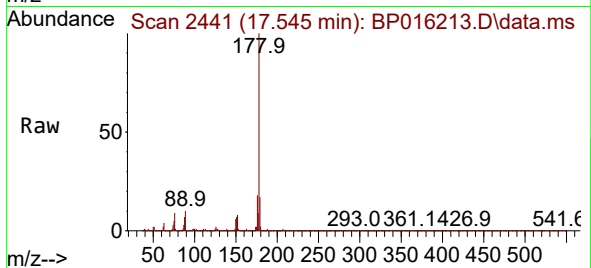
ClientSampleId :

EX7X7MEDL

Tgt Ion:178 Resp: 572315
 Ion Ratio Lower Upper
 178 100
 179 17.5 11.9 17.9
 176 17.8 15.0 22.4

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



#77

Carbazole

Concen: 3.364 ng/ul

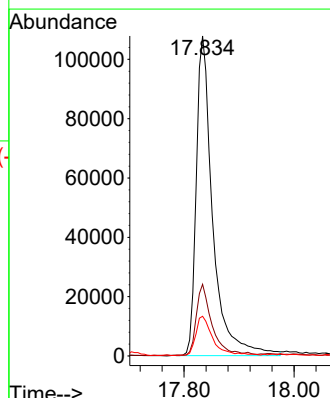
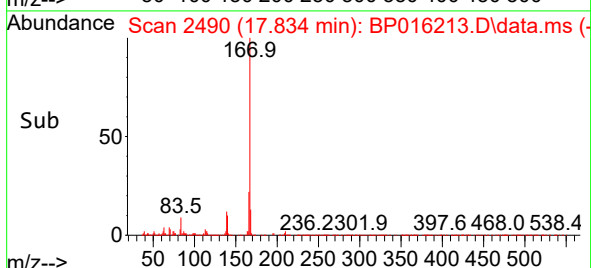
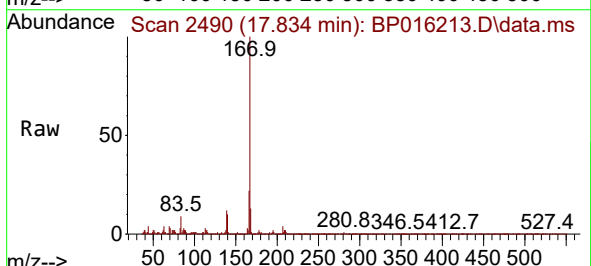
RT: 17.834 min Scan# 2490

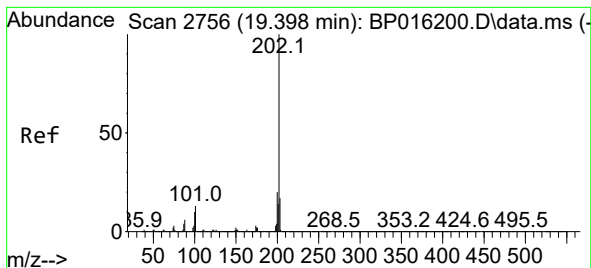
Delta R.T. 0.012 min

Lab File: BP016213.D

Acq: 13 Jul 2023 17:55

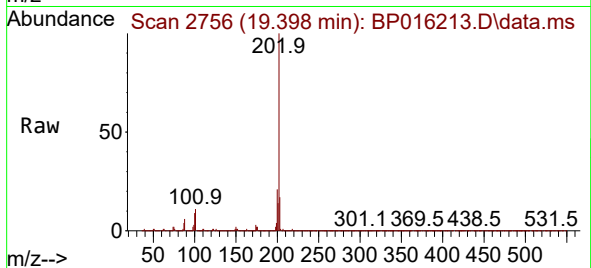
Tgt Ion:167 Resp: 224197
 Ion Ratio Lower Upper
 167 100
 166 22.4 16.8 25.2
 139 12.4 10.2 15.4





#80
Fluoranthene
Concen: 24.194 ng/ul
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016213.D
Acq: 13 Jul 2023 17:55

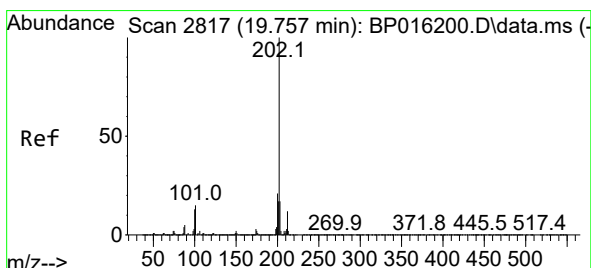
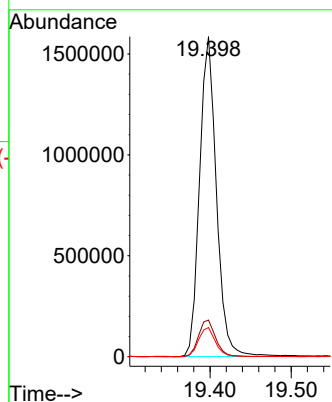
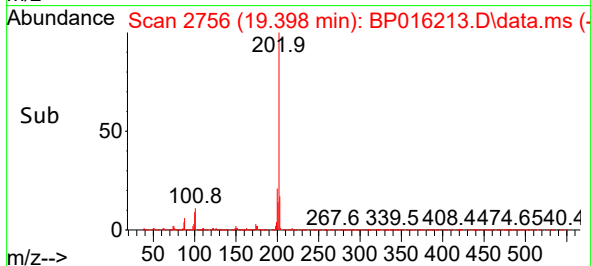
Instrument :
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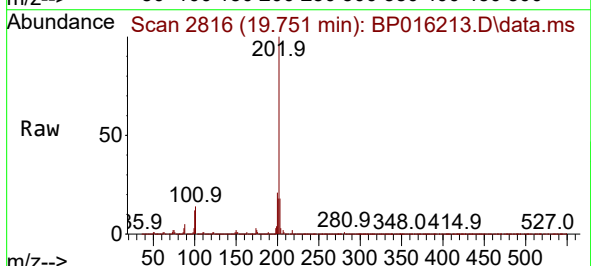
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Ion Ratio Lower Upper
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101 11.5 10.4 15.6
100 9.1 8.2 12.4

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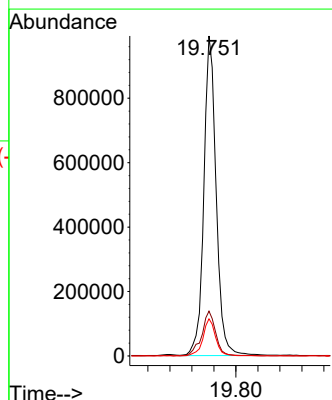
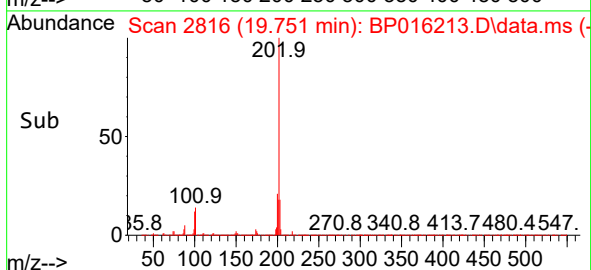
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :Sohil Jodhani 07/14/2023

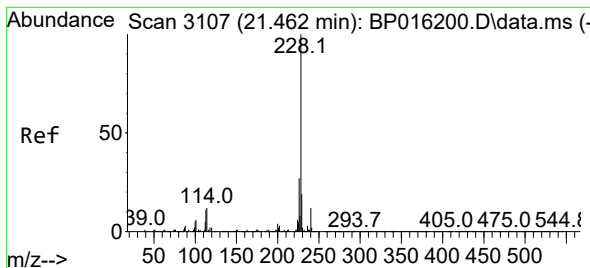


#82
Pyrene
Concen: 15.352 ng/ul
RT: 19.751 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP016213.D
Acq: 13 Jul 2023 17:55



Tgt Ion:202 Resp: 1548390
Ion Ratio Lower Upper
202 100
101 14.0 12.4 18.6
100 11.6 10.5 15.7





#85

Benzo(a)anthracene

Concen: 7.629 ng/ul m

RT: 21.469 min Scan# 3107

Delta R.T. 0.006 min

Lab File: BP016213.D

Acq: 13 Jul 2023 17:55

Instrument :

BNA_P

ClientSampleId :

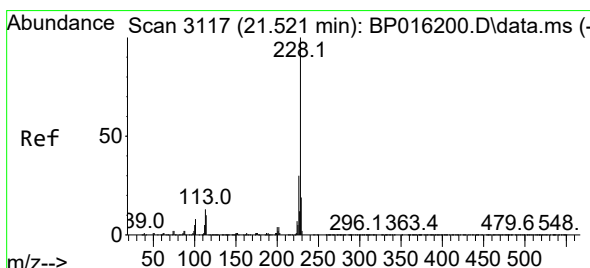
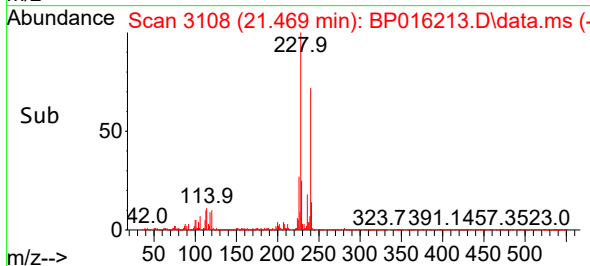
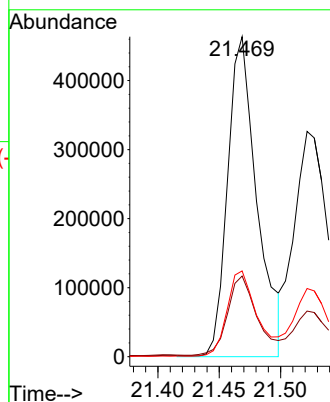
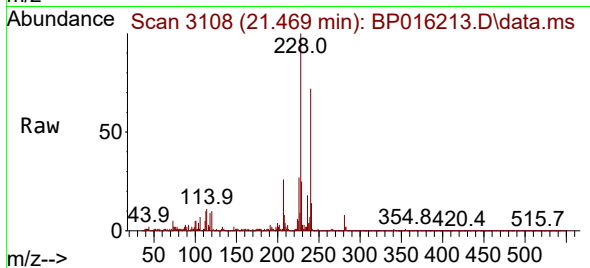
EX7X7MEDL

Tgt Ion:228 Resp: 773475
 Ion Ratio Lower Upper
 228 100
 229 25.2 15.5 23.3
 226 26.8 21.5 32.3

Manual Integrations

APPROVED

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



#87

Chrysene

Concen: 6.193 ng/ul

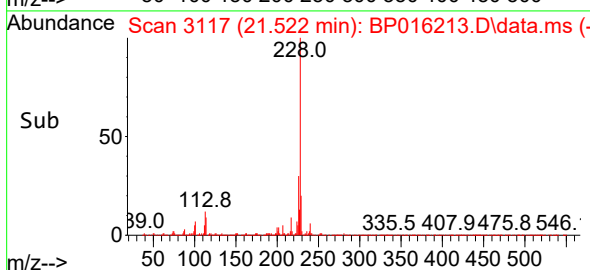
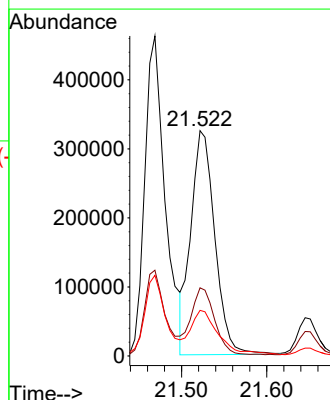
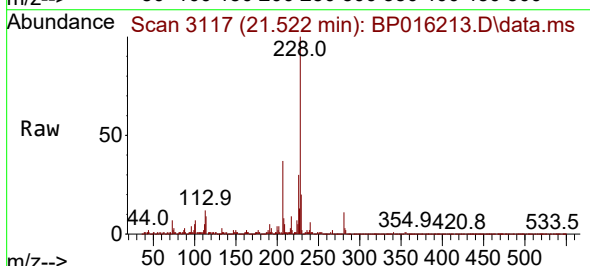
RT: 21.522 min Scan# 3117

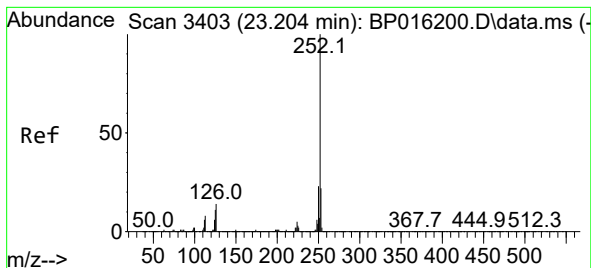
Delta R.T. 0.000 min

Lab File: BP016213.D

Acq: 13 Jul 2023 17:55

Tgt Ion:228 Resp: 636080
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.0 36.0
 229 20.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 7.332 ng/ul

RT: 23.221 min Scan# 3406

Delta R.T. 0.018 min

Lab File: BP016213.D

Acq: 13 Jul 2023 17:55

Instrument :

BNA_P

ClientSampleId :

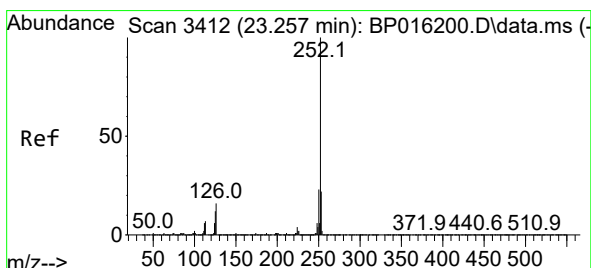
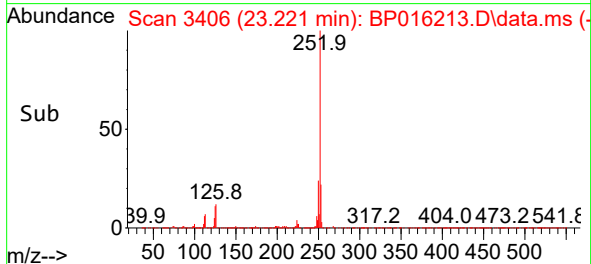
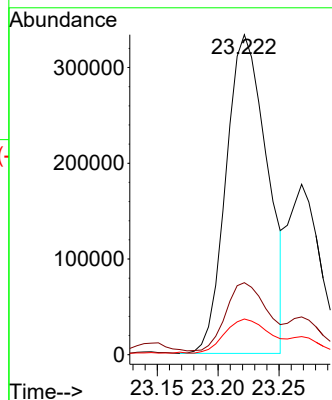
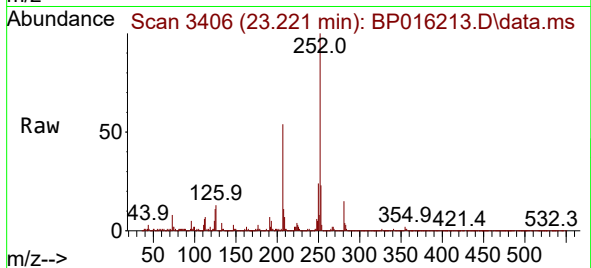
EX7X7MEDL

Tgt Ion:	252	Resp:	77957
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	11.2	9.4	14.0

Manual Integrations

APPROVED

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



#91

Benzo(k)fluoranthene

Concen: 3.023 ng/ul

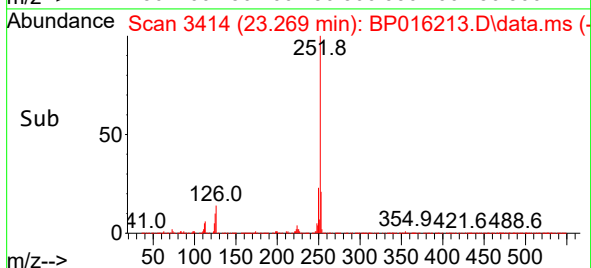
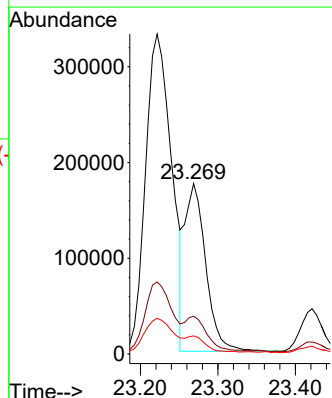
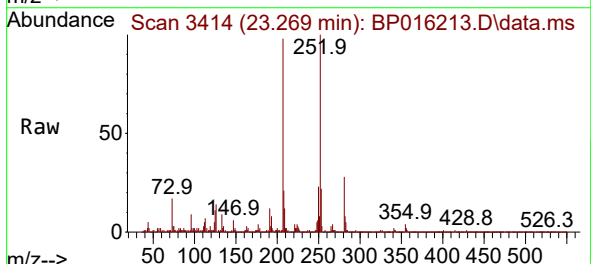
RT: 23.269 min Scan# 3414

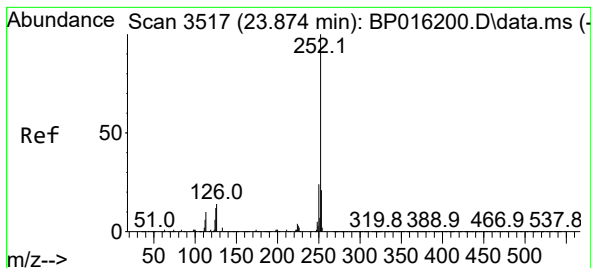
Delta R.T. 0.012 min

Lab File: BP016213.D

Acq: 13 Jul 2023 17:55

Tgt Ion:	252	Resp:	327082
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	10.6	9.3	13.9





#93

Benzo(a)pyrene

Concen: 3.193 ng/ul

RT: 23.874 min Scan# 3517

Delta R.T. 0.000 min

Lab File: BP016213.D

Acq: 13 Jul 2023 17:55

Instrument :

BNA_P

ClientSampleId :

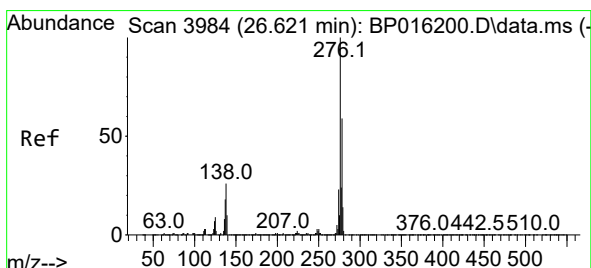
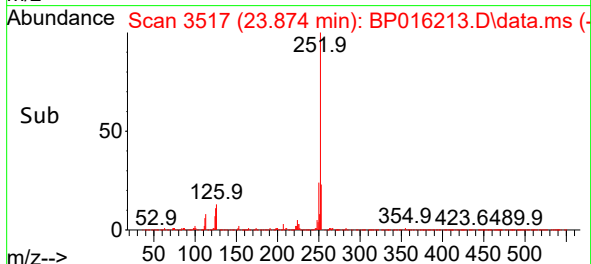
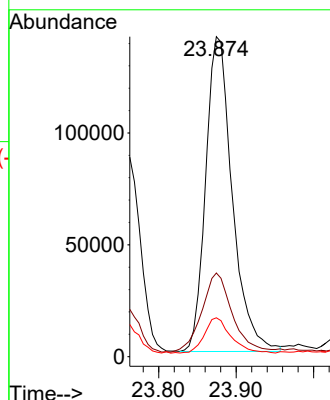
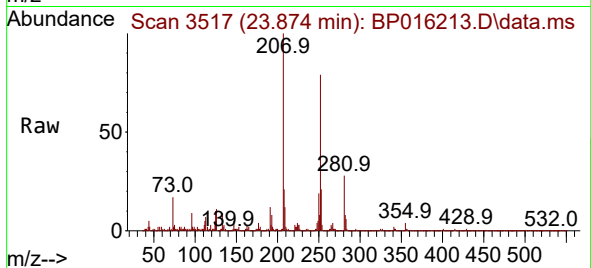
EX7X7MEDL

Tgt Ion:252 Resp: 336345
 Ion Ratio Lower Upper
 252 100
 253 26.2 17.2 25.8
 125 12.2 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: 2.239 ng/ul

RT: 26.668 min Scan# 3992

Delta R.T. 0.047 min

Lab File: BP016213.D

Acq: 13 Jul 2023 17:55

Tgt Ion:276 Resp: 292002
 Ion Ratio Lower Upper
 276 100
 138 19.2 20.8 31.2
 277 25.7 19.8 29.8

