

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
 Data File : BP016385.D
 Acq On : 26 Jul 2023 20:57
 Operator : MA/JU
 Sample : 03534-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4733

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 27 00:20:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 23:56:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	452869	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	1941398	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	1164448	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	2458712	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1865872	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1759670	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	23742	2.067	ng/uL	0.00
4) Pyridine-d5	3.858	84	341760	10.488	ng/u1	0.00
7) Phenol-d5	7.222	99	467150	12.327	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	277190	12.183	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	356658	12.063	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	327107	10.733	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	167278	13.993	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	135999	13.794	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	344425	12.603	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	26703	0.628	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1055654	12.387	ng/u1	-0.01
49) Acenaphthylene-d8	14.434	160	1216718	12.085	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	126560	8.863	ng/u1	0.00
60) Fluorene-d10	15.728	176	940117	12.967	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	21742	2.685	ng/u1	0.00
73) Anthracene-d10	17.598	188	1353454	12.427	ng/u1	0.00
81) Pyrene-d10	19.827	212	1574809	14.864	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1106667	13.035	ng/u1	-0.02
Target Compounds						Qvalue
8) Phenol	7.252	94	69343	1.760	ng/u1	98
16) Acetophenone	8.940	105	177492	3.690	ng/u1	99
47) Dimethylphthalate	14.192	163	115119	1.339	ng/u1	100
50) Acenaphthylene	14.463	152	781597	6.814	ng/u1	99
52) Acenaphthene	14.798	153	228491	3.089	ng/u1	97
56) Dibenzofuran	15.134	168	217140	2.145	ng/u1	100
61) Fluorene	15.786	166	838222	10.192	ng/u1	98
72) Phenanthrene	17.545	178	10832465	84.666	ng/u1	98
74) Anthracene	17.633	178	2629350	20.175	ng/u1	99
77) Carbazole	17.904	167	216415	1.929	ng/u1	96
80) Fluoranthene	19.504	202	11310759	89.062	ng/u1	99
82) Pyrene	19.857	202	11207314	85.417	ng/u1	99
85) Benzo(a)anthracene	21.574	228	5178720	40.977	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.468	149	170257	2.247	ng/u1	98
87) Chrysene	21.633	228	4433583	37.883	ng/u1	97
90) Benzo(b)fluoranthene	23.386	252	4173716	39.606	ng/u1	99
91) Benzo(k)fluoranthene	23.433	252	1368151m	13.046	ng/u1	
93) Benzo(a)pyrene	24.074	252	3010281	30.331	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.962	276	1570185	13.701	ng/u1	98
95) Dibenzo(a,h)anthracene	26.986	278	441282m	4.656	ng/u1	
96) Benzo(g,h,i)perylene	27.827	276	1222277	13.472	ng/u1	99

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

Instrument :

BNA_P

ClientSampleId :

A4733

Manual Integrations

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Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023

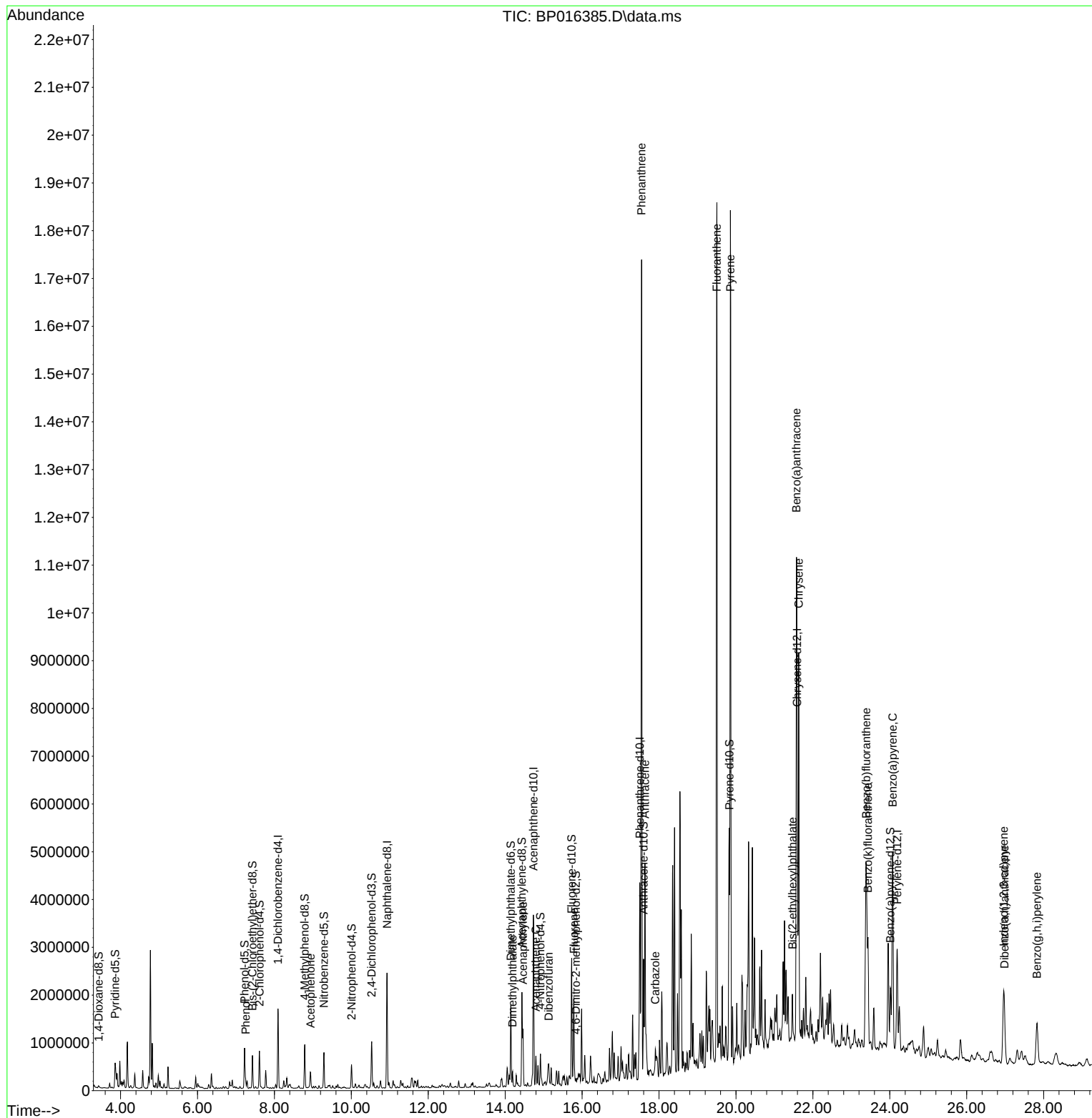
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016385.D
Acq On : 26 Jul 2023 20:57
Operator : MA/JU
Sample : 03534-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

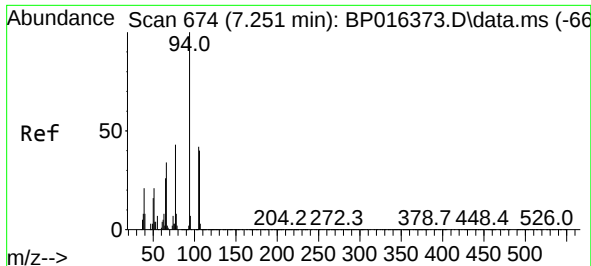
Instrument :
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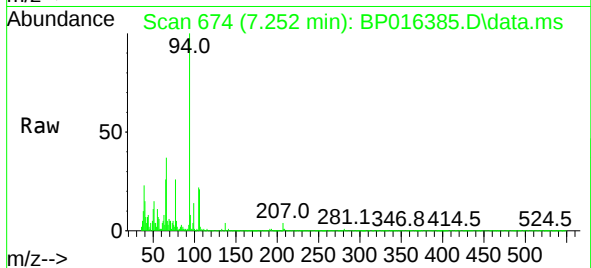
Quant Time: Jul 27 00:20:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration





#8
Phenol
Concen: 1.760 ng/ul
RT: 7.252 min Scan# 61
Delta R.T. -0.003 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57

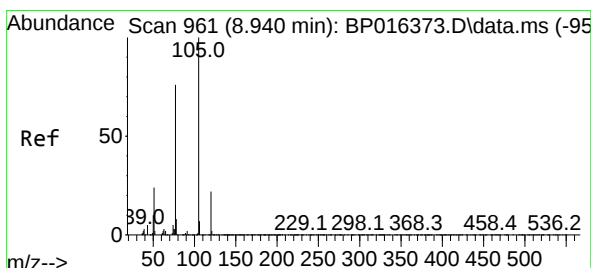
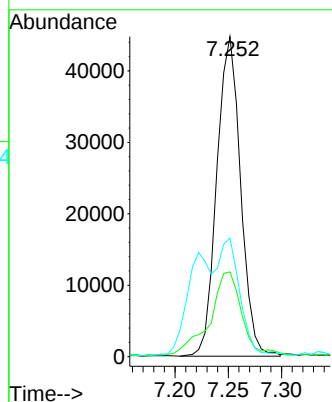
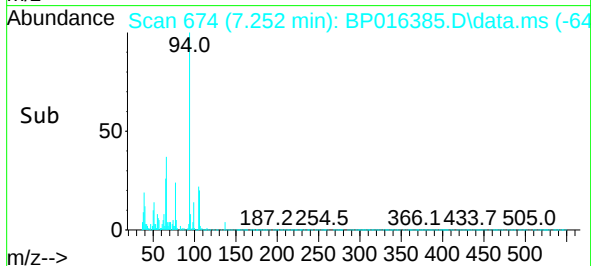
Instrument :
BNA_P
ClientSampleId :
A4733



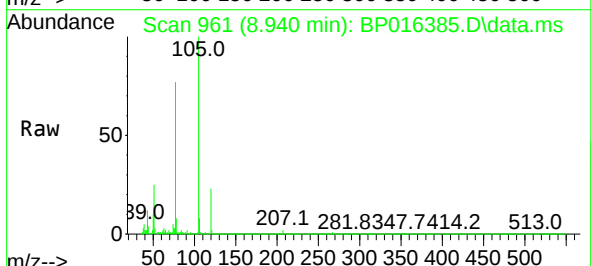
Tgt Ion: 94 Resp: 6934
Ion Ratio Lower Upper
94 100
65 26.5 21.4 32.2
66 37.1 28.2 42.4

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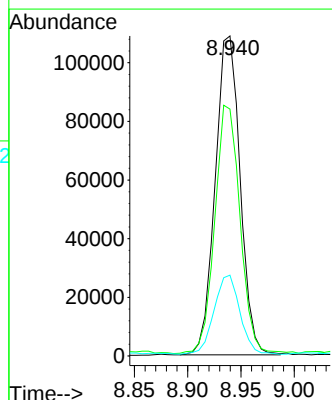
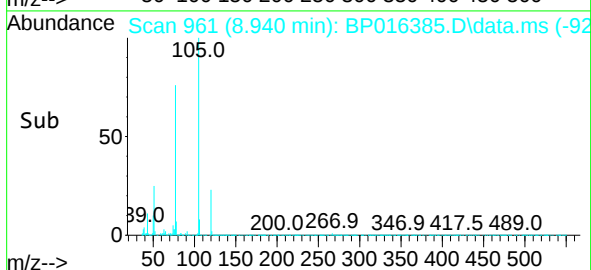
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

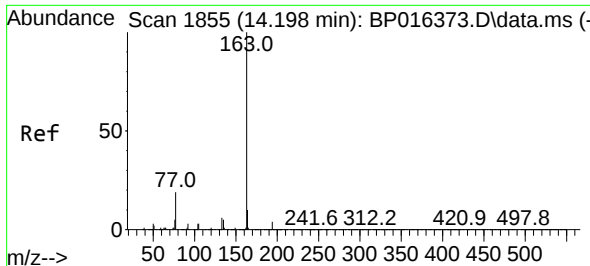


#16
Acetophenone
Concen: 3.690 ng/ul
RT: 8.940 min Scan# 961
Delta R.T. -0.009 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57



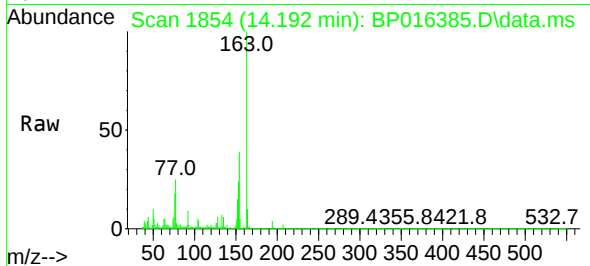
Tgt Ion:105 Resp: 177492
Ion Ratio Lower Upper
105 100
77 77.2 61.2 91.8
51 25.2 19.1 28.7





#47
Dimethylphthalate
Concen: 1.339 ng/ul
RT: 14.192 min Scan# 1854
Delta R.T. -0.015 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57

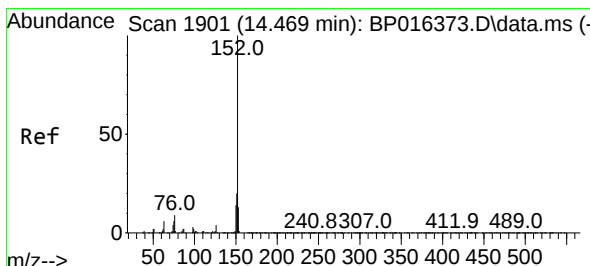
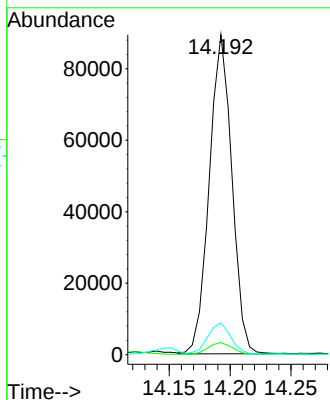
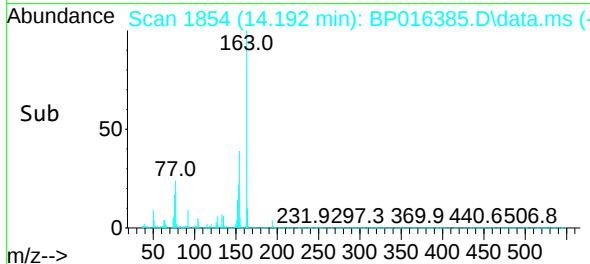
Instrument :
BNA_P
ClientSampleId :
A4733



Tgt Ion:163 Resp: 115119
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 7.9 11.9

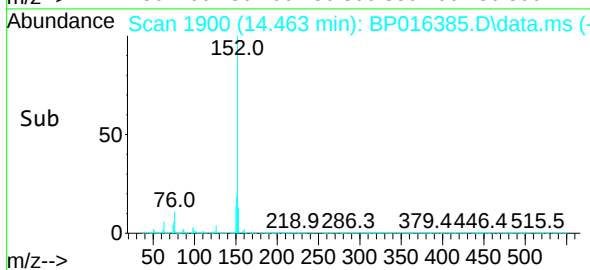
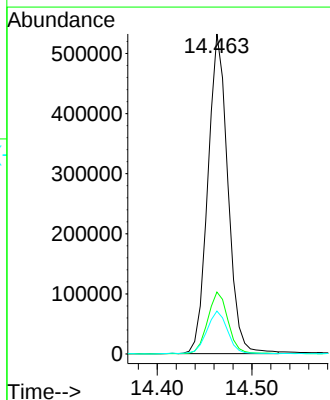
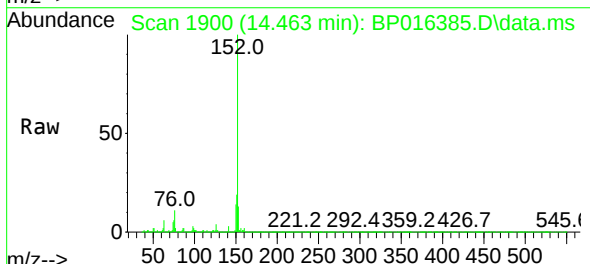
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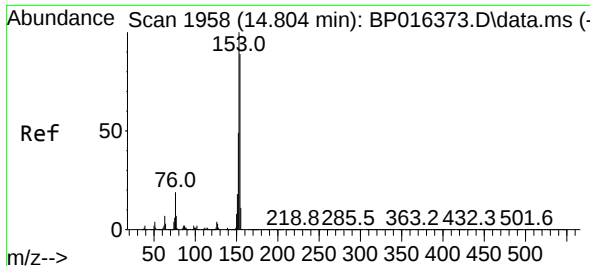
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#50
Acenaphthylene
Concen: 6.814 ng/ul
RT: 14.463 min Scan# 1900
Delta R.T. -0.009 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57

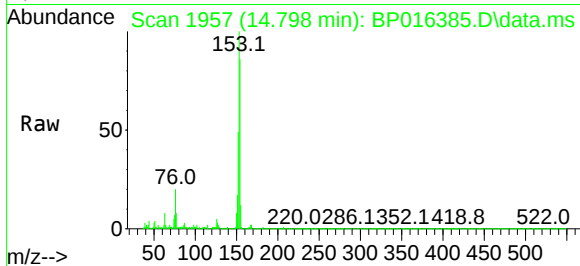
Tgt Ion:152 Resp: 781597
Ion Ratio Lower Upper
152 100
151 19.3 16.0 24.0
153 13.4 10.6 16.0





#52
Acenaphthene
Concen: 3.089 ng/ul
RT: 14.798 min Scan# 1958
Delta R.T. -0.009 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57

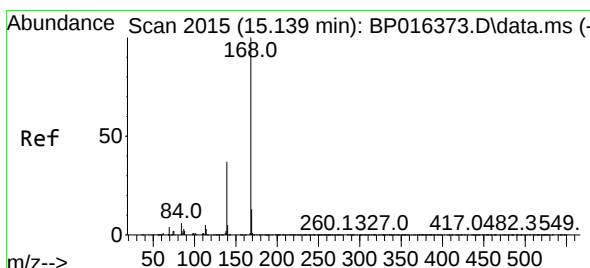
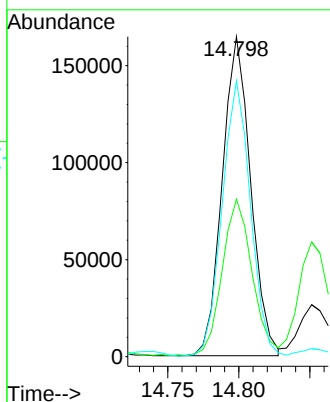
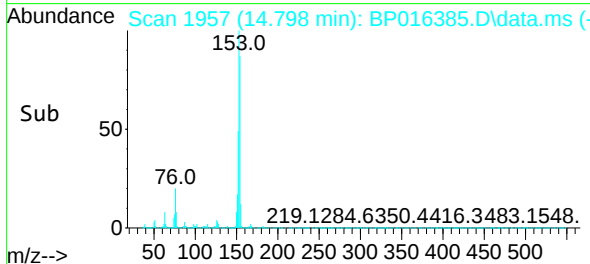
Instrument :
BNA_P
ClientSampleId :
A4733



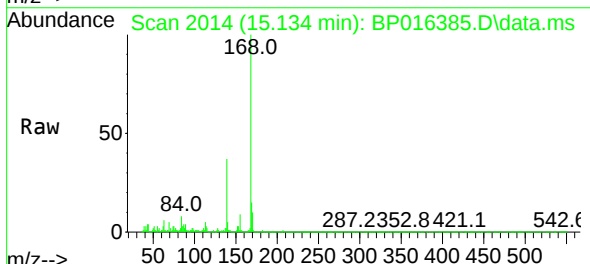
Tgt Ion:153 Resp: 22849
Ion Ratio Lower Upper
153 100
152 49.3 38.8 58.2
154 86.2 71.7 107.5

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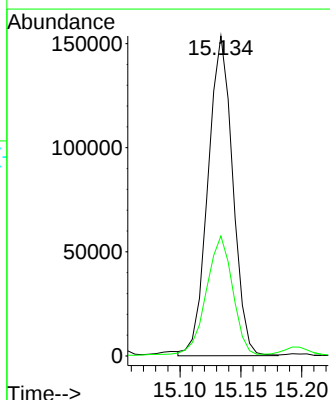
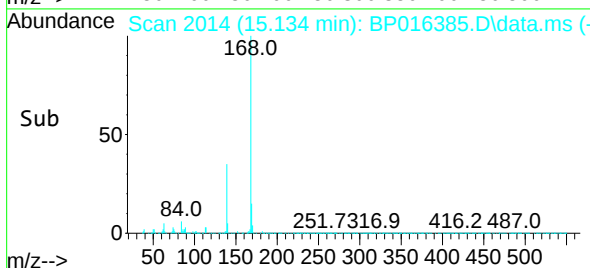
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

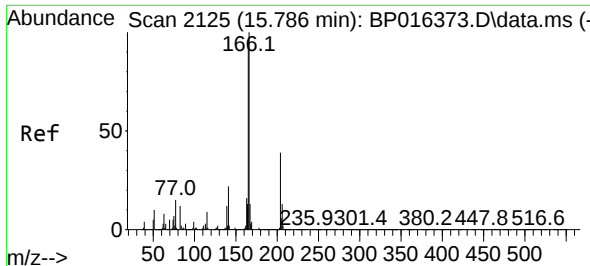


#56
Dibenzofuran
Concen: 2.145 ng/ul
RT: 15.134 min Scan# 2014
Delta R.T. -0.009 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57



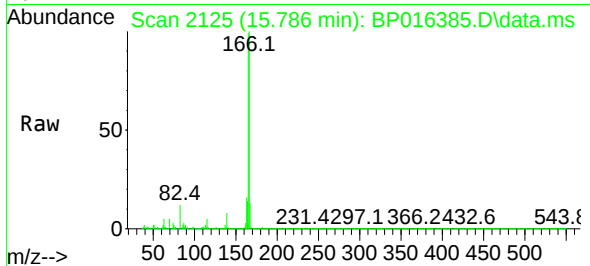
Tgt Ion:168 Resp: 217140
Ion Ratio Lower Upper
168 100
139 37.5 30.0 45.0





#61
Fluorene
Concen: 10.192 ng/ul
RT: 15.786 min Scan# 2125
Delta R.T. -0.009 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57

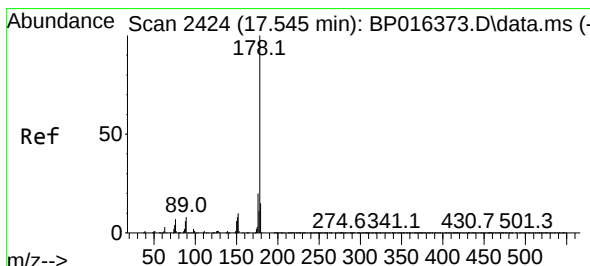
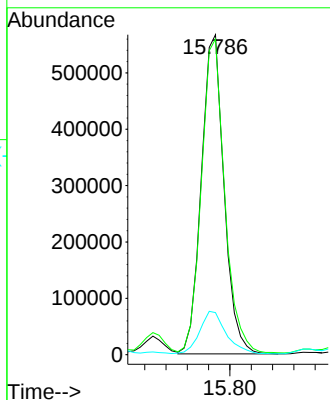
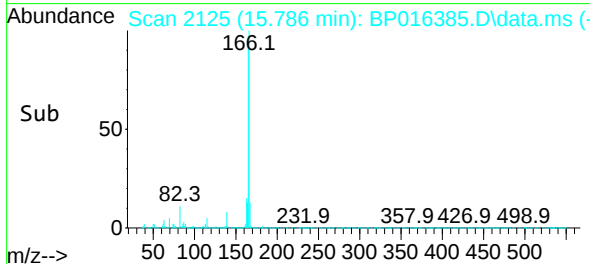
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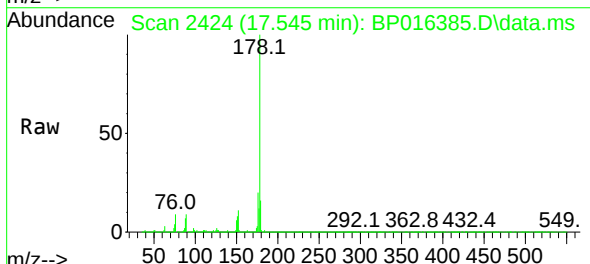
Tgt Ion:166 Resp: 838222
Ion Ratio Lower Upper
166 100
165 98.6 77.0 115.4
167 13.2 10.6 15.8

Manual Integrations
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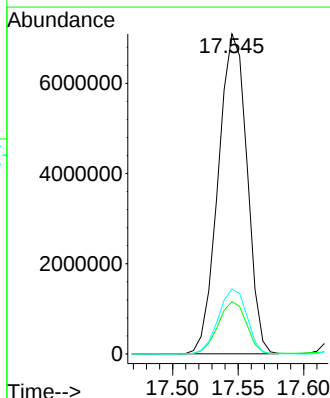
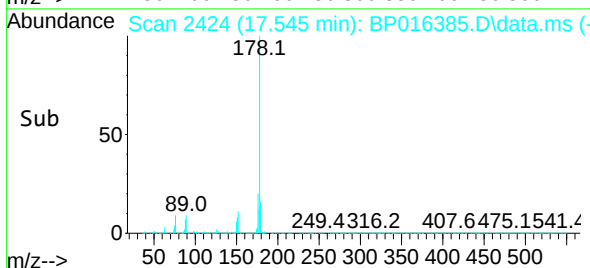
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

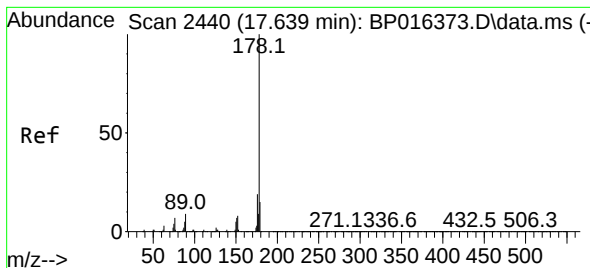


#72
Phenanthrene
Concen: 84.666 ng/ul
RT: 17.545 min Scan# 2424
Delta R.T. -0.009 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57



Tgt Ion:178 Resp:10832465
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 20.3 15.4 23.0





#74

Anthracene

Concen: 20.175 ng/ul

RT: 17.633 min Scan# 2440

Delta R.T. -0.009 min

Lab File: BP016385.D

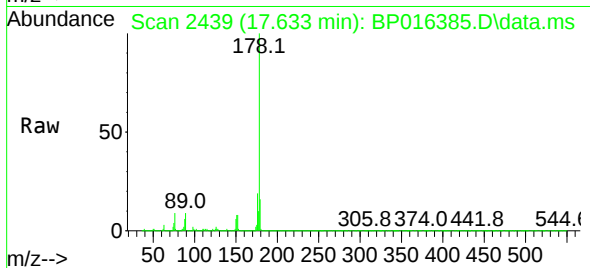
Acq: 26 Jul 2023 20:57

Instrument :

BNA_P

ClientSampleId :

A4733



Tgt Ion:178 Resp: 2629350

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

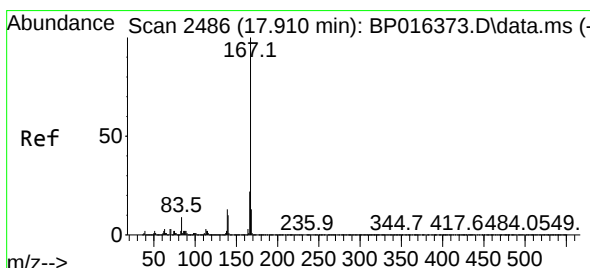
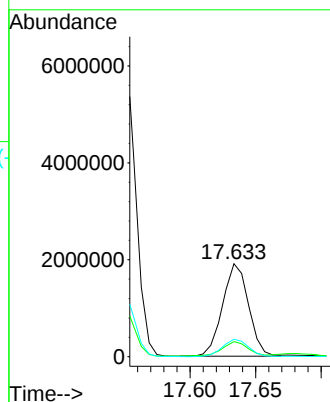
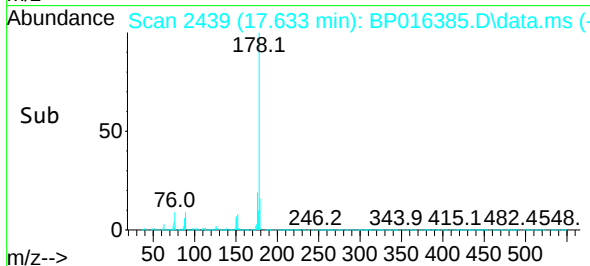
176 18.8 15.1 22.7

Manual Integrations

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Supervised By :mohammad ahmed 07/27/2023



#77

Carbazole

Concen: 1.929 ng/ul

RT: 17.904 min Scan# 2485

Delta R.T. -0.015 min

Lab File: BP016385.D

Acq: 26 Jul 2023 20:57

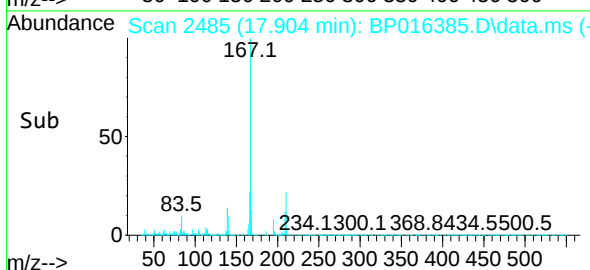
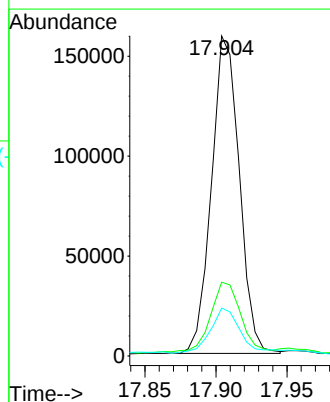
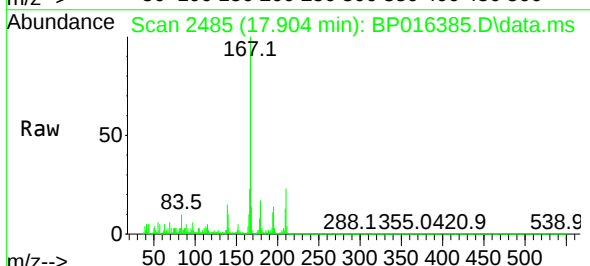
Tgt Ion:167 Resp: 216415

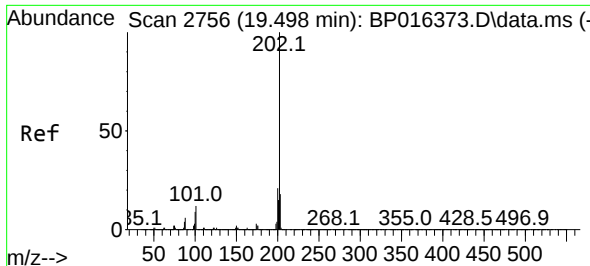
Ion Ratio Lower Upper

167 100

166 23.0 17.3 25.9

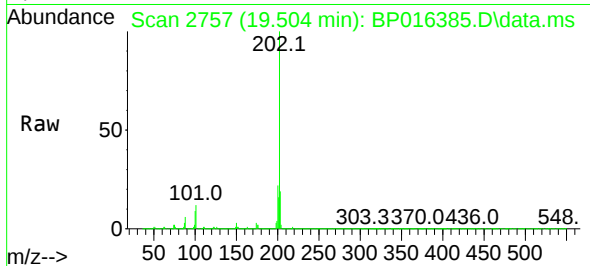
139 15.0 10.4 15.6





#80
Fluoranthene
Concen: 89.062 ng/u1
RT: 19.504 min Scan# 21
Delta R.T. -0.003 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57

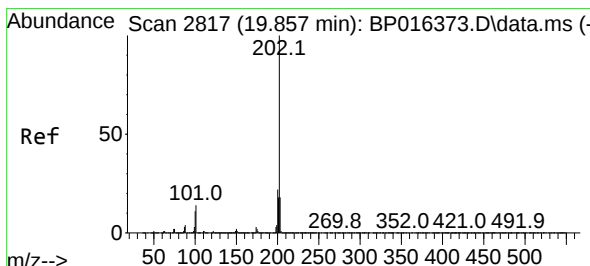
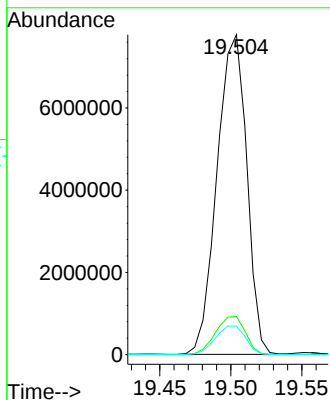
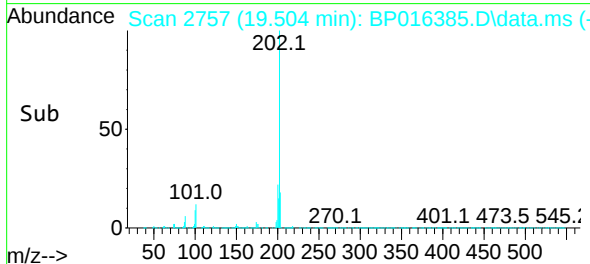
Instrument :
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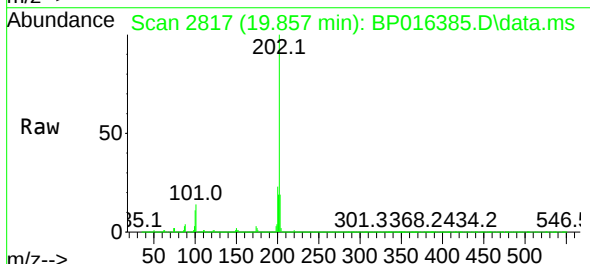
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Ion Ratio Lower Upper
202 100
101 11.9 9.1 13.7
100 8.9 7.1 10.7

Manual Integrations
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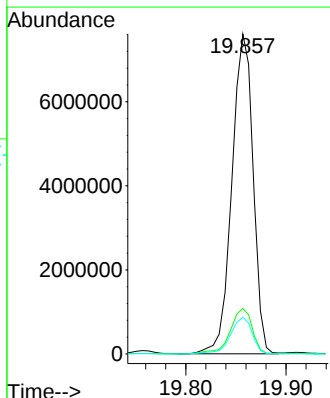
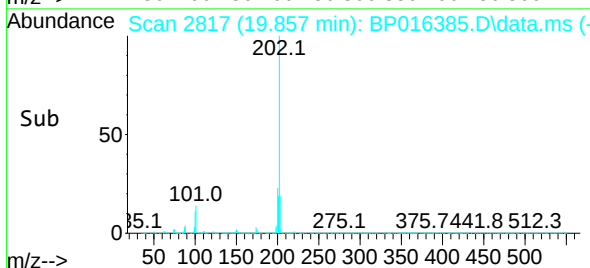
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

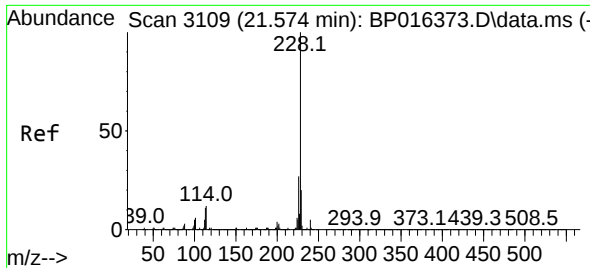


#82
Pyrene
Concen: 85.417 ng/u1
RT: 19.857 min Scan# 2817
Delta R.T. -0.003 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57



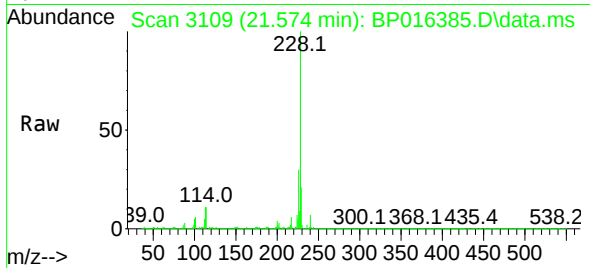
Tgt Ion:202 Resp:11207314
Ion Ratio Lower Upper
202 100
101 14.2 11.2 16.8
100 11.4 9.4 14.0





#85
Benzo(a)anthracene
Concen: 40.977 ng/ul
RT: 21.574 min Scan# 3109
Delta R.T. -0.009 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57

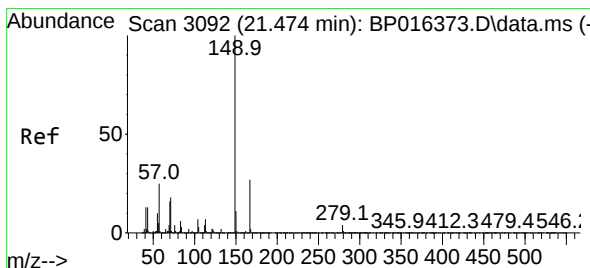
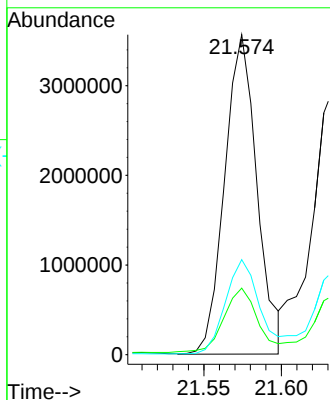
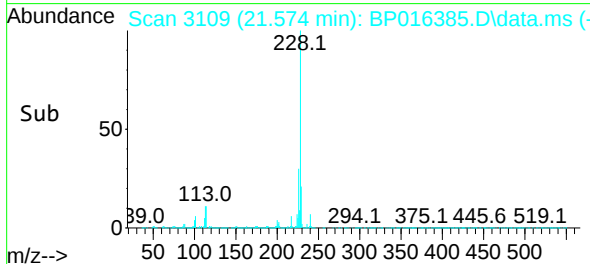
Instrument : BNA_P
ClientSampleId : A4733



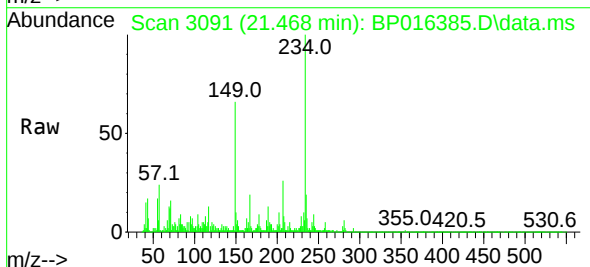
Tgt Ion:228 Resp: 5178720
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 29.7 22.0 33.0

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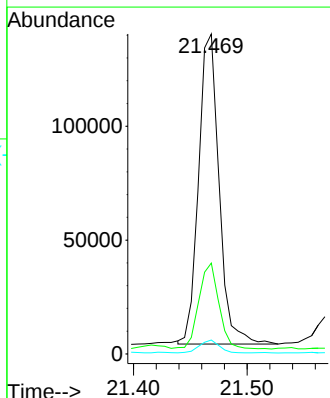
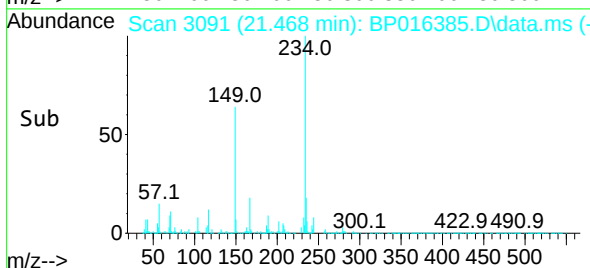
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

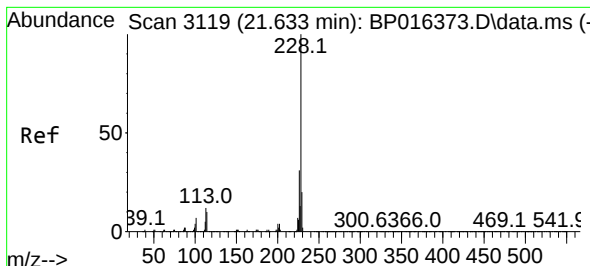


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.247 ng/ul
RT: 21.468 min Scan# 3091
Delta R.T. -0.015 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57



Tgt Ion:149 Resp: 170257
Ion Ratio Lower Upper
149 100
167 28.4 21.7 32.5
279 4.4 3.0 4.4





#87

Chrysene

Concen: 37.883 ng/u1

RT: 21.633 min Scan# 3119

Delta R.T. -0.009 min

Lab File: BP016385.D

Acq: 26 Jul 2023 20:57

Instrument :

BNA_P

ClientSampleId :

A4733

Tgt Ion:228 Resp: 443358

Ion Ratio Lower Upper

228 100

226 31.5 24.5 36.7

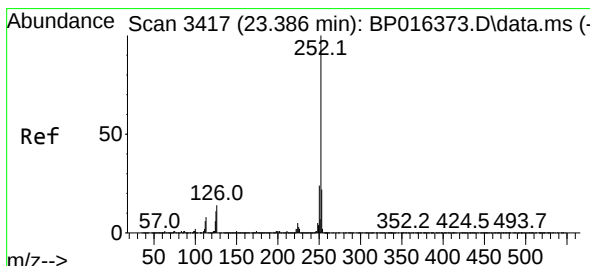
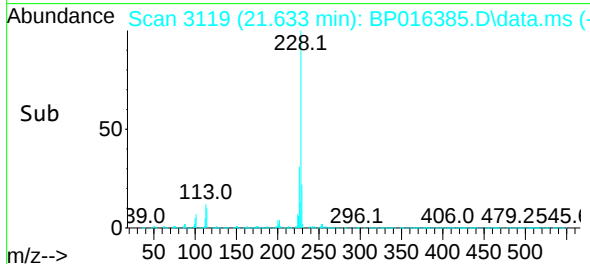
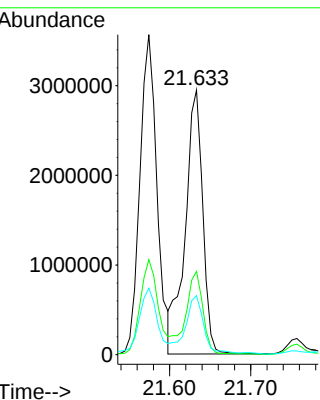
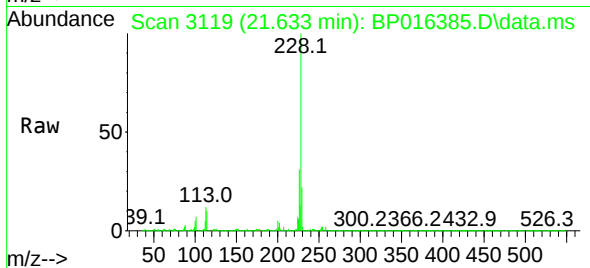
229 22.3 15.6 23.4

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Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#90

Benzo(b)fluoranthene

Concen: 39.606 ng/u1

RT: 23.386 min Scan# 3417

Delta R.T. -0.009 min

Lab File: BP016385.D

Acq: 26 Jul 2023 20:57

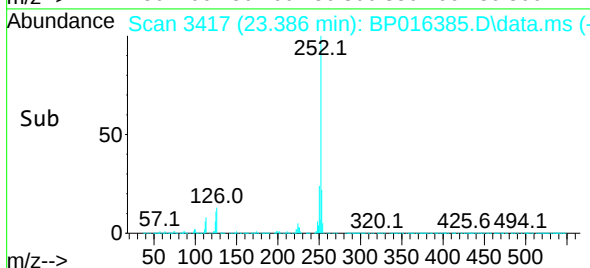
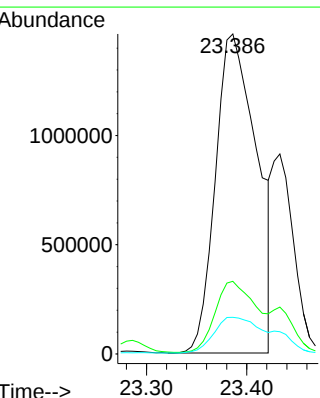
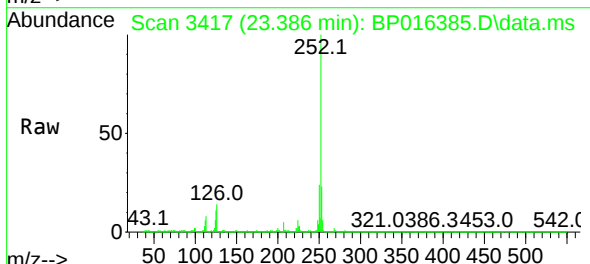
Tgt Ion:252 Resp: 4173716

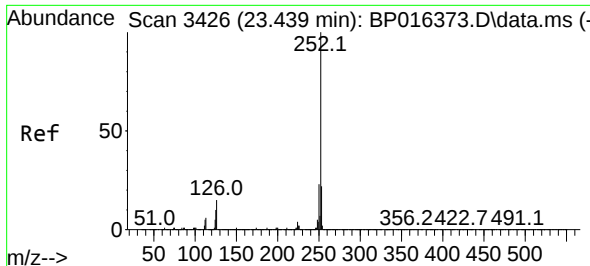
Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

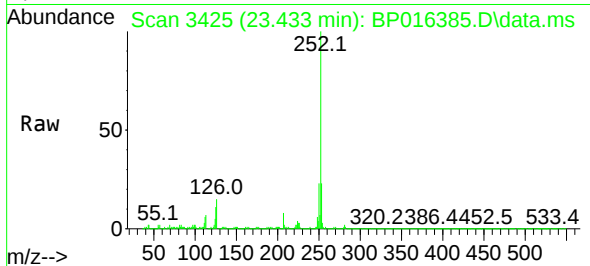
125 11.5 8.8 13.2





#91
Benzo(k)fluoranthene
Concen: 13.046 ng/ul m
RT: 23.433 min Scan# 3426
Delta R.T. -0.015 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57

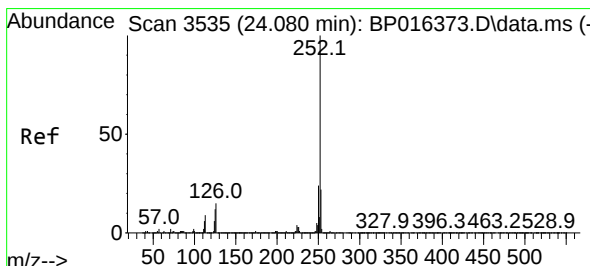
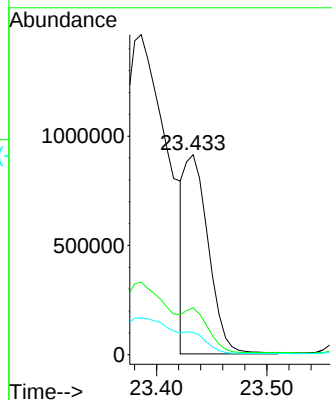
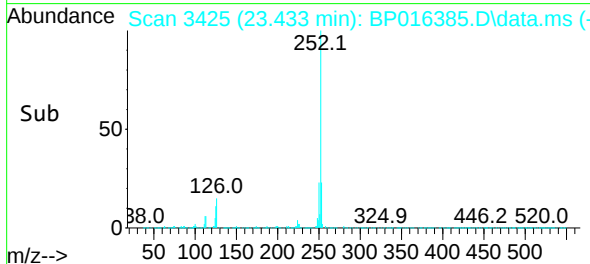
Instrument :
BNA_P
ClientSampleId :
A4733



Tgt Ion:252 Resp: 136815
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 11.1 9.0 13.6

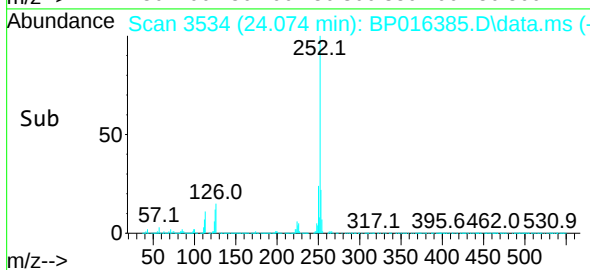
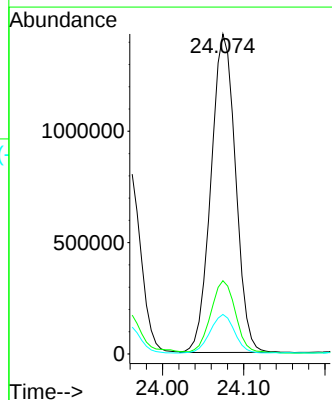
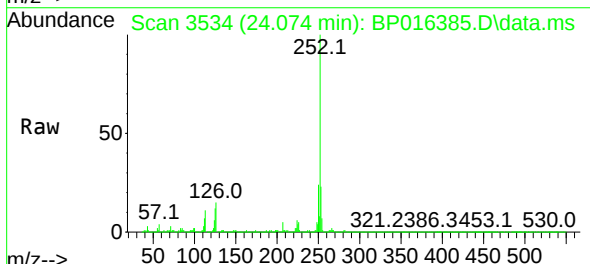
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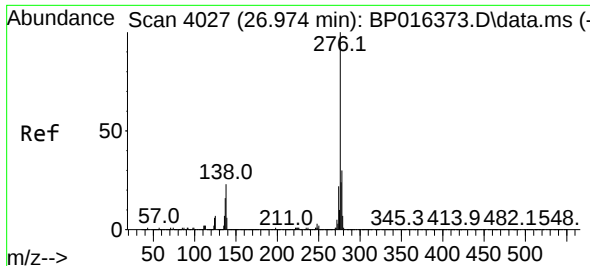
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#93
Benzo(a)pyrene
Concen: 30.331 ng/ul
RT: 24.074 min Scan# 3534
Delta R.T. -0.015 min
Lab File: BP016385.D
Acq: 26 Jul 2023 20:57

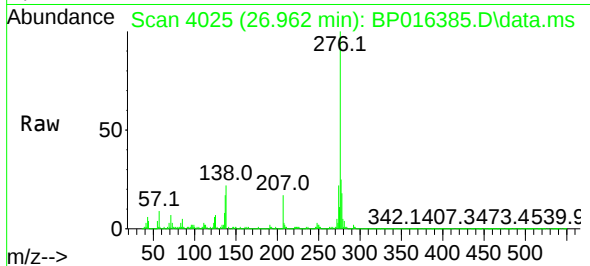
Tgt Ion:252 Resp: 3010281
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 12.3 9.4 14.0





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 13.701 ng/ul
 RT: 26.962 min Scan# 4025
 Delta R.T. -0.027 min
 Lab File: BP016385.D
 Acq: 26 Jul 2023 20:57

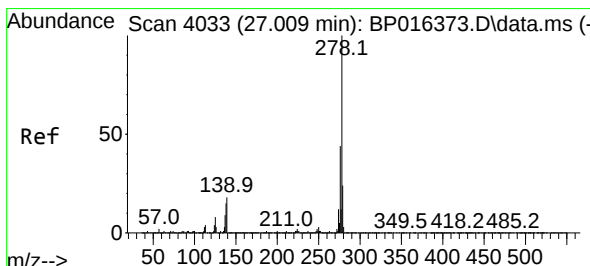
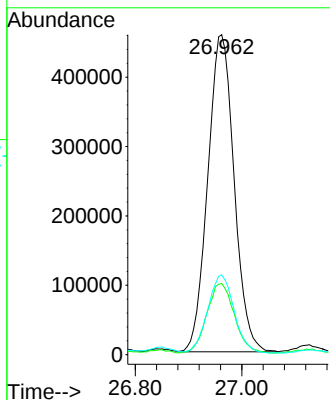
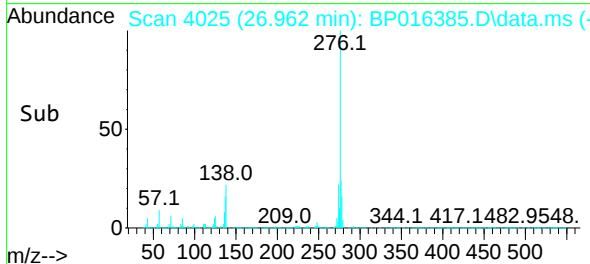
Instrument :
 BNA_P
 ClientSampleId :
 A4733



Tgt Ion:276 Resp: 157018
 Ion Ratio Lower Upper
 276 100
 138 22.3 18.1 27.1
 277 24.9 19.0 28.4

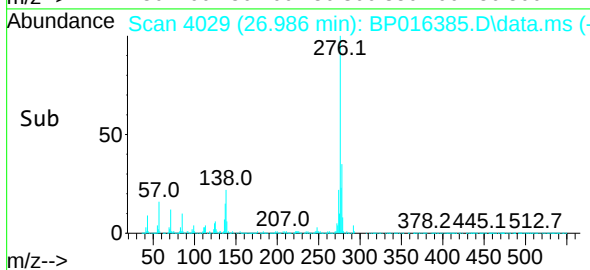
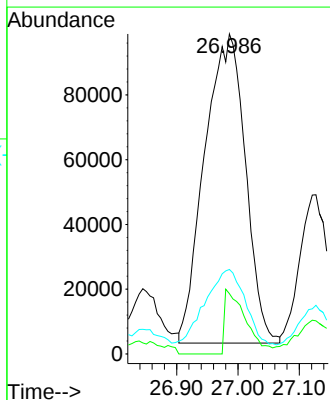
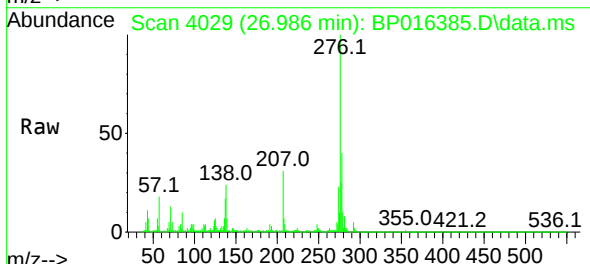
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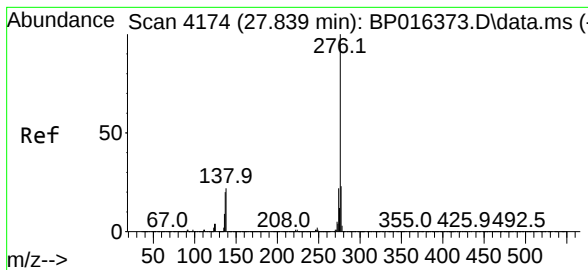
Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023



#95
 Dibenzo(a,h)anthracene
 Concen: 4.656 ng/ul m
 RT: 26.986 min Scan# 4029
 Delta R.T. -0.038 min
 Lab File: BP016385.D
 Acq: 26 Jul 2023 20:57

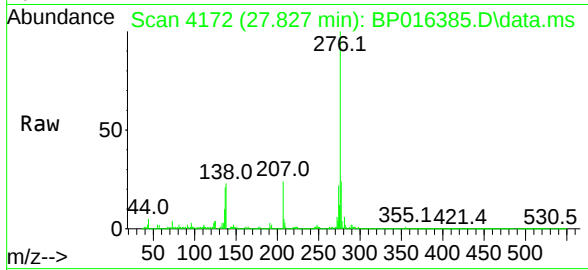
Tgt Ion:278 Resp: 441282
 Ion Ratio Lower Upper
 278 100
 139 18.9 14.2 21.2
 279 26.4 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 13.472 ng/ul
 RT: 27.827 min Scan# 4172
 Delta R.T. -0.033 min
 Lab File: BP016385.D
 Acq: 26 Jul 2023 20:57

Instrument :
 BNA_P
 ClientSampleId :
 A4733



Tgt Ion:276 Resp: 122227
 Ion Ratio Lower Upper
 276 100
 138 23.0 17.8 26.6
 277 24.2 19.0 28.4

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Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

