

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
 Data File : BP016369.D
 Acq On : 26 Jul 2023 04:25
 Operator : MA/JU
 Sample : 03534-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4733

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 06:31:48 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	8.099	152	475063	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	2020565	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	1207860	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	2494405	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1765550	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1685601	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	23408	1.943	ng/uL	0.00
4) Pyridine-d5	3.864	84	347828	10.175	ng/u1	0.00
7) Phenol-d5	7.222	99	489476	12.313	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	286615	12.009	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	374956	12.090	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	345864	10.818	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	176490	14.185	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	140639	13.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	360839	12.686	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	26478	0.598	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1098310	12.424	ng/u1	-0.01
49) Acenaphthylene-d8	14.434	160	1276252	12.220	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	131987	8.911	ng/u1	0.00
60) Fluorene-d10	15.728	176	972799	12.935	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	18781	2.286	ng/u1	0.00
73) Anthracene-d10	17.598	188	1386362	12.547	ng/u1	0.00
81) Pyrene-d10	19.828	212	1548347	15.445	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1050491	12.917	ng/u1	-0.01
Target Compounds					Qvalue	
6) Benzaldehyde	7.246	77	26192	1.208	ng/u1	91
8) Phenol	7.252	94	68442	1.656	ng/u1	99
16) Acetophenone	8.940	105	185911	3.685	ng/u1	98
47) Dimethylphthalate	14.193	163	118794	1.333	ng/u1	98
50) Acenaphthylene	14.469	152	737456	6.198	ng/u1	99
52) Acenaphthene	14.798	153	238128	3.104	ng/u1	99
56) Dibenzofuran	15.134	168	220940	2.104	ng/u1	98
61) Fluorene	15.787	166	861913	10.104	ng/u1	98
72) Phenanthrene	17.551	178	11017989	84.884	ng/u1	98
74) Anthracene	17.639	178	2650302	20.045	ng/u1	100
77) Carbazole	17.910	167	222062	1.951	ng/u1	97
80) Fluoranthene	19.504	202	11179686	93.032	ng/u1	99
82) Pyrene	19.857	202	10939878	88.117	ng/u1	99
85) Benzo(a)anthracene	21.575	228	4886995	40.866	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.469	149	164635	2.296	ng/u1	97
87) Chrysene	21.633	228	4207177	37.991	ng/u1	97
90) Benzo(b)fluoranthene	23.386	252	3786982	37.515	ng/u1	99
91) Benzo(k)fluoranthene	23.433	252	1407520m	14.011	ng/u1	
93) Benzo(a)pyrene	24.080	252	2866445	30.151	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.962	276	1572539	14.325	ng/u1	99
95) Dibenzo(a,h)anthracene	26.992	278	424156	4.672	ng/u1	97
96) Benzo(g,h,i)perylene	27.833	276	1245089	14.326	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016369.D
Acq On : 26 Jul 2023 04:25
Operator : MA/JU
Sample : 03534-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4733

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 06:31:48 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)

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

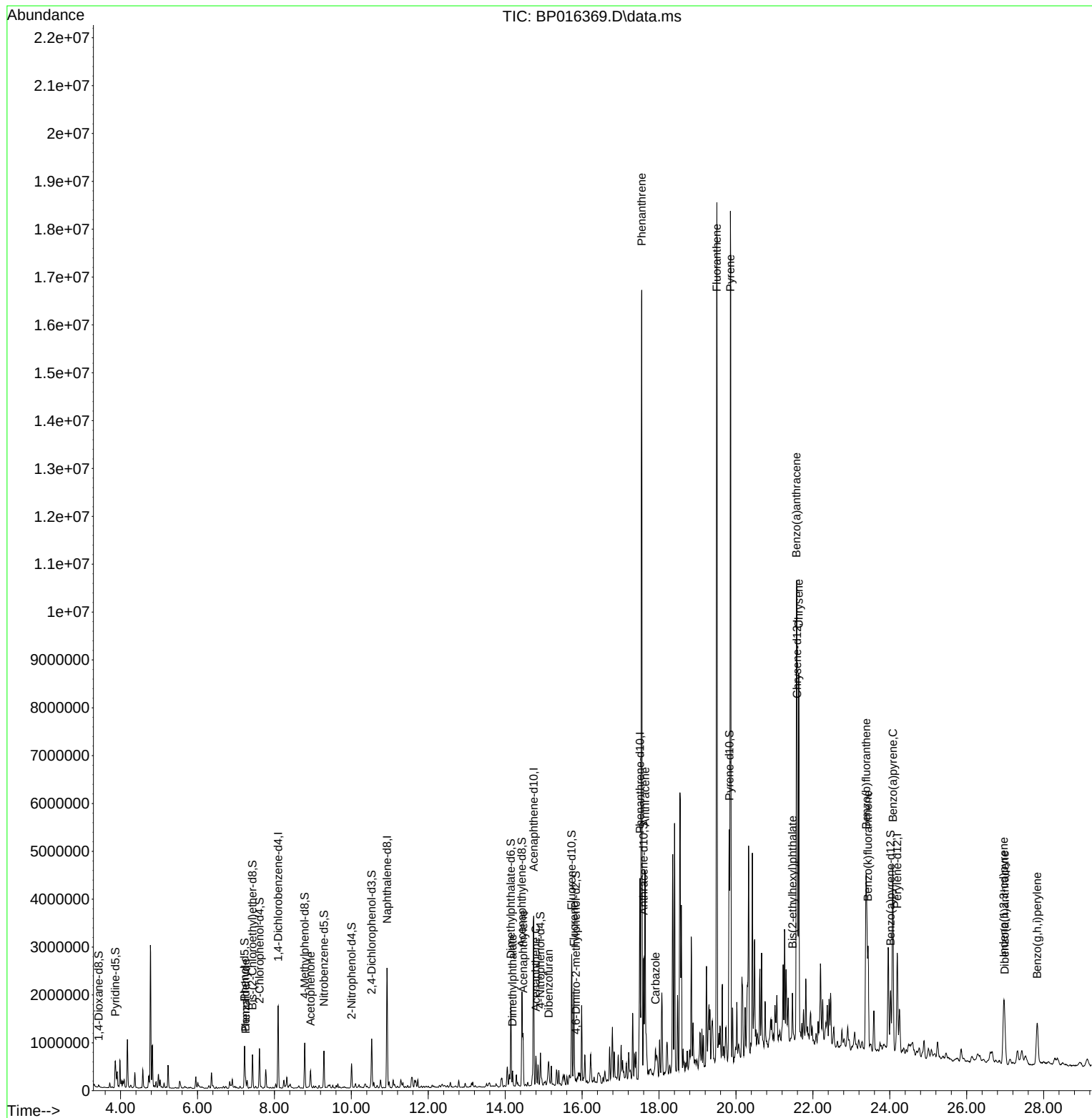
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016369.D
Acq On : 26 Jul 2023 04:25
Operator : MA/JU
Sample : 03534-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

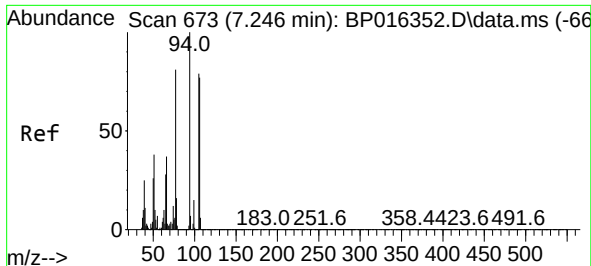
Instrument :
BNA_P
ClientSampleId :
A4733

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

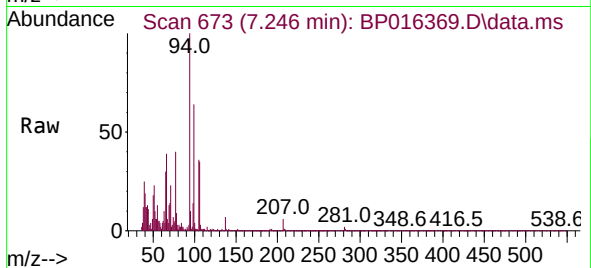
Quant Time: Jul 26 06:31:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.208 ng/ul
RT: 7.246 min Scan# 61
Delta R.T. -0.003 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

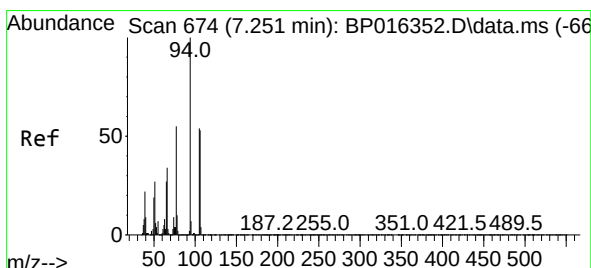
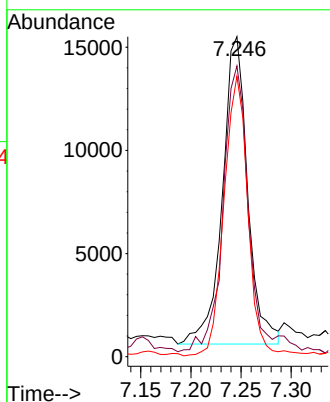
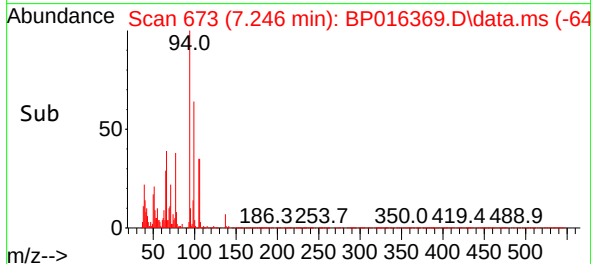
Instrument :
BNA_P
ClientSampleId :
A4733



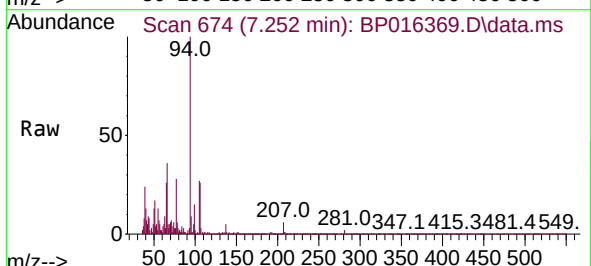
Tgt Ion: 77 Resp: 26192
Ion Ratio Lower Upper
77 100
105 90.8 80.2 120.2
106 87.6 76.5 114.7

Manual Integrations
APPROVED

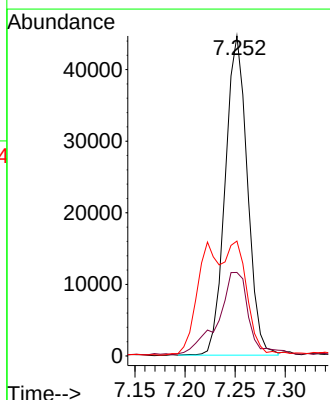
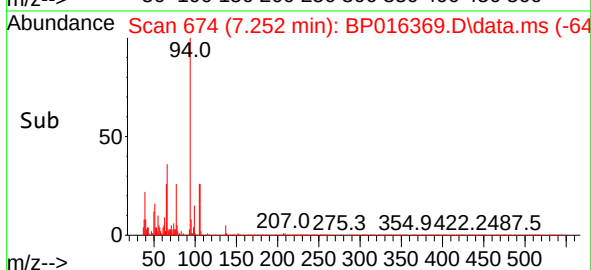
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

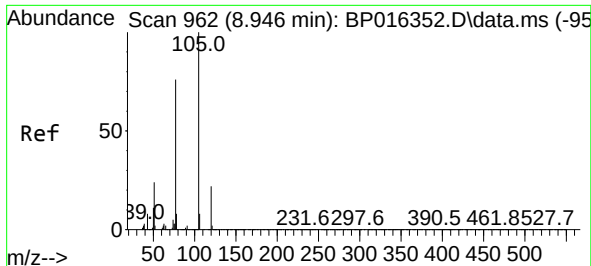


#8
Phenol
Concen: 1.656 ng/ul
RT: 7.252 min Scan# 674
Delta R.T. -0.003 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25



Tgt Ion: 94 Resp: 68442
Ion Ratio Lower Upper
94 100
65 26.1 21.4 32.2
66 35.9 28.2 42.4





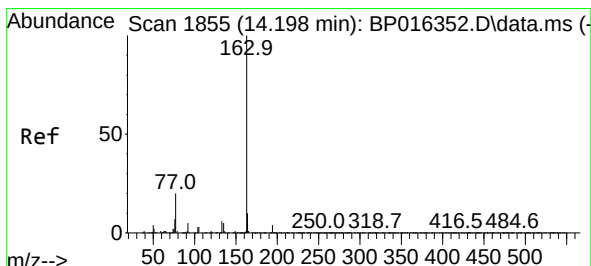
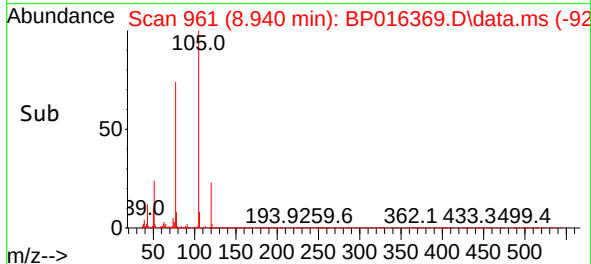
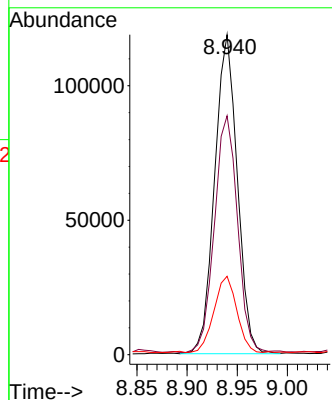
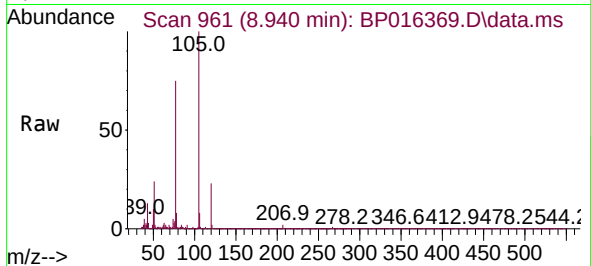
#16
Acetophenone
Concen: 3.685 ng/ul
RT: 8.940 min Scan# 90
Delta R.T. -0.009 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

Instrument :
BNA_P
ClientSampleId :
A4733

Tgt Ion:105 Resp: 18591
Ion Ratio Lower Upper
105 100
77 74.7 61.2 91.8
51 24.5 19.1 28.7

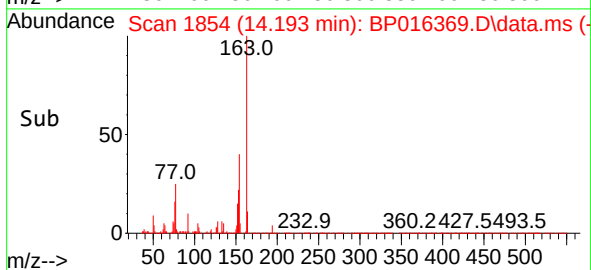
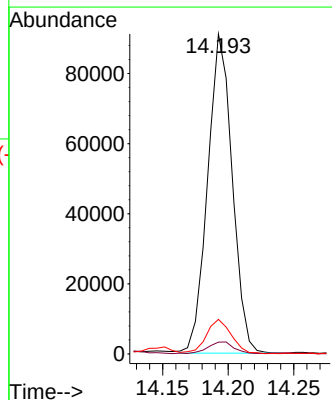
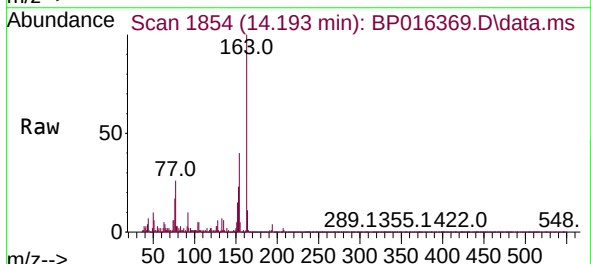
Manual Integrations
APPROVED

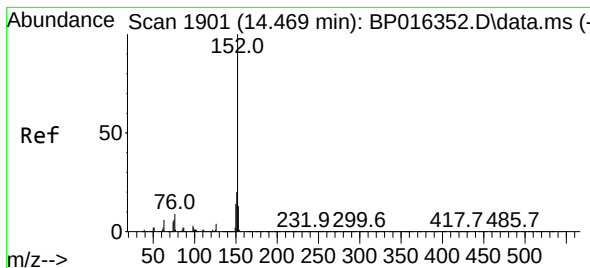
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#47
Dimethylphthalate
Concen: 1.333 ng/ul
RT: 14.193 min Scan# 1854
Delta R.T. -0.015 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

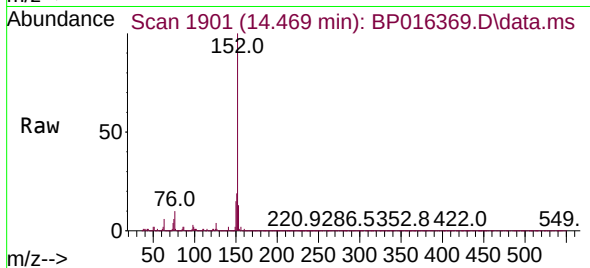
Tgt Ion:163 Resp: 118794
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.8 7.9 11.9





#50
Acenaphthylene
Concen: 6.198 ng/ul
RT: 14.469 min Scan# 1901
Delta R.T. -0.003 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

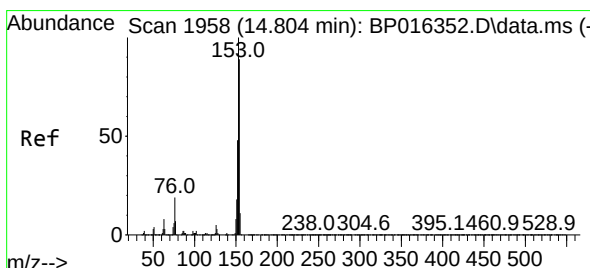
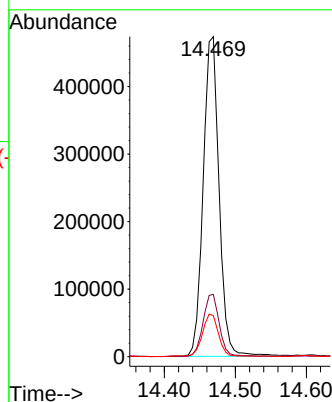
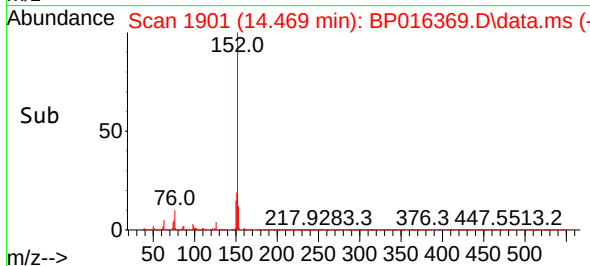
Instrument :
BNA_P
ClientSampleId :
A4733



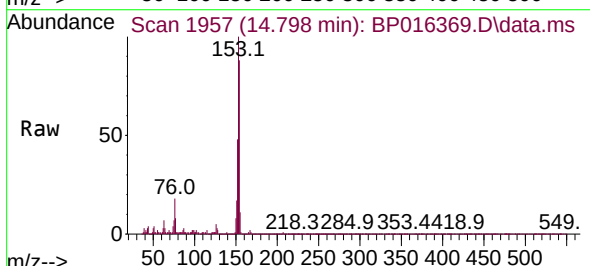
Tgt Ion:152 Resp: 737450
Ion Ratio Lower Upper
152 100
151 19.4 16.0 24.0
153 12.8 10.6 16.0

Manual Integrations
APPROVED

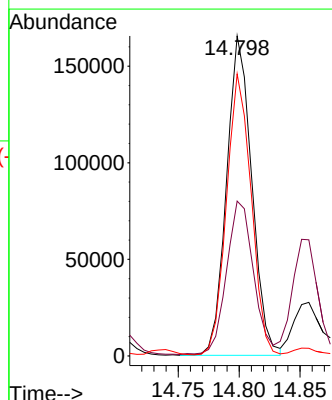
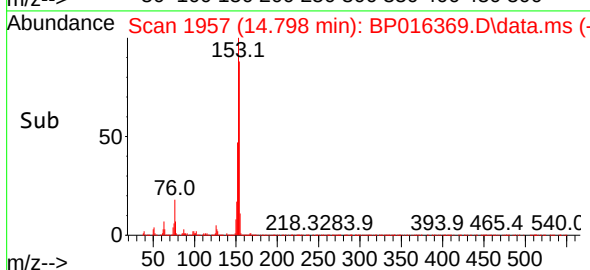
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

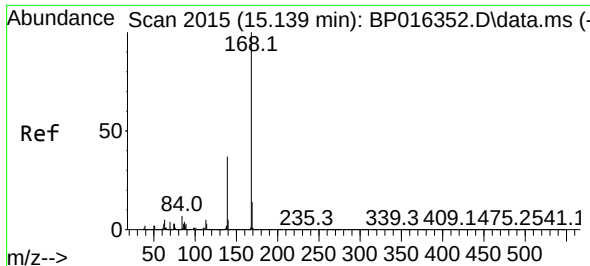


#52
Acenaphthene
Concen: 3.104 ng/ul
RT: 14.798 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25



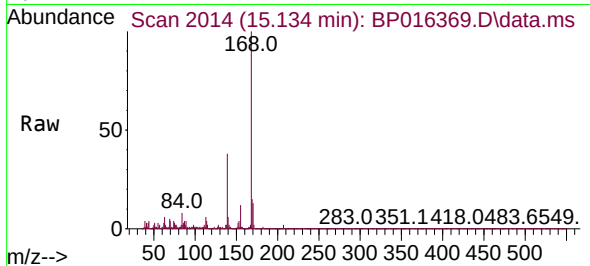
Tgt Ion:153 Resp: 238128
Ion Ratio Lower Upper
153 100
152 48.4 38.8 58.2
154 88.1 71.7 107.5





#56
Dibenzenofuran
Concen: 2.104 ng/ul
RT: 15.134 min Scan# 2015
Delta R.T. -0.009 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

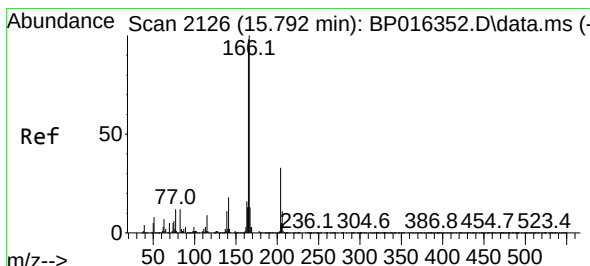
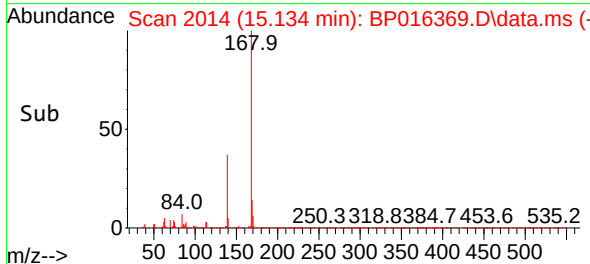
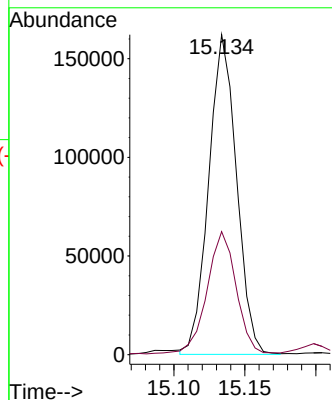
Instrument :
BNA_P
ClientSampleId :
A4733



Tgt Ion:168 Resp: 220940
Ion Ratio Lower Upper
168 100
139 38.5 30.0 45.0

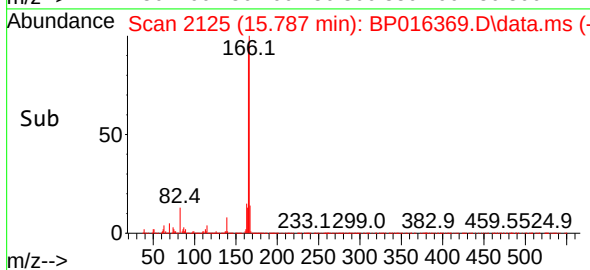
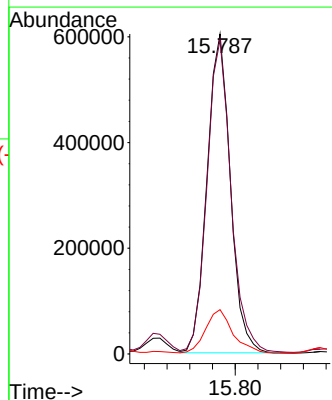
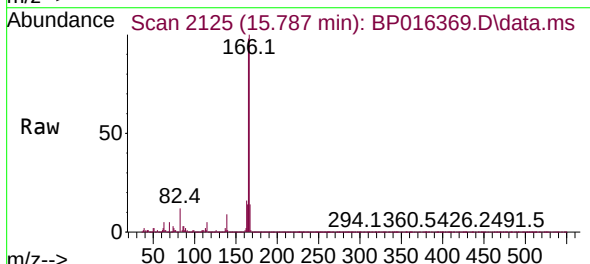
Manual Integrations
APPROVED

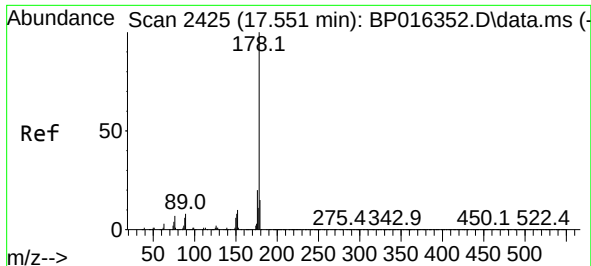
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#61
Fluorene
Concen: 10.104 ng/ul
RT: 15.787 min Scan# 2125
Delta R.T. -0.009 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

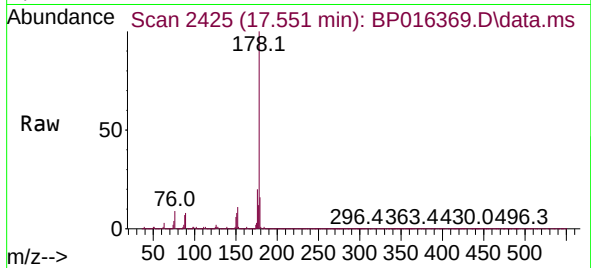
Tgt Ion:166 Resp: 861913
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.4
167 13.8 10.6 15.8





#72
Phenanthrene
Concen: 84.884 ng/ul
RT: 17.551 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

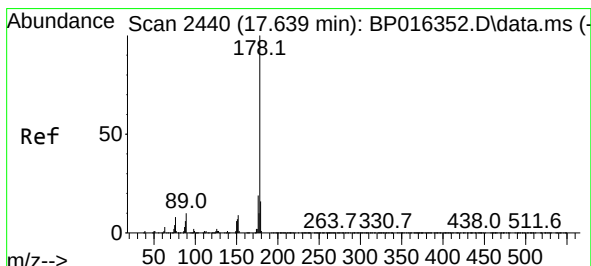
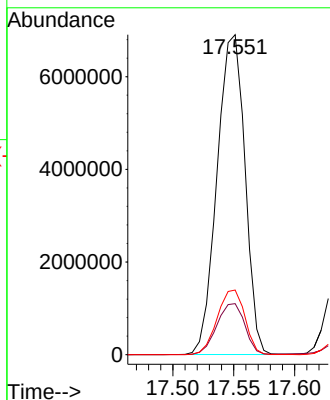
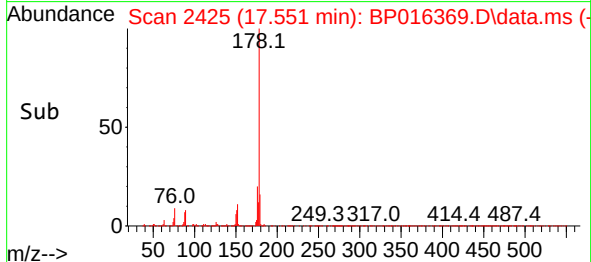
Instrument :
BNA_P
Client Sample Id :
A4733



Tgt Ion:178 Resp:1101798
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 20.2 15.4 23.0

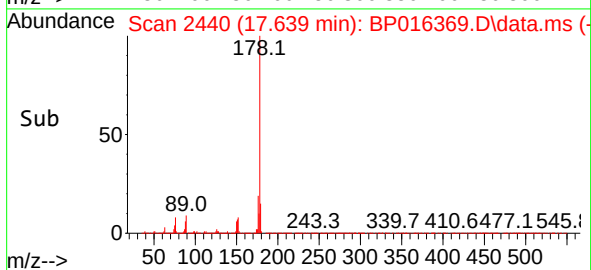
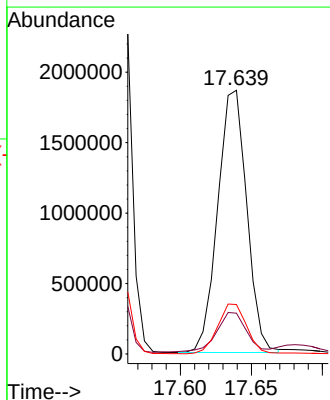
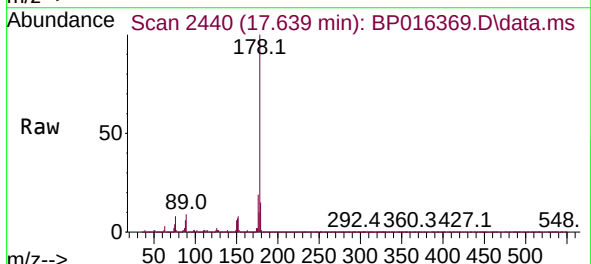
Manual Integrations
APPROVED

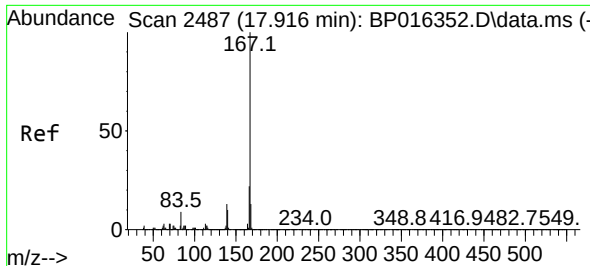
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#74
Anthracene
Concen: 20.045 ng/ul
RT: 17.639 min Scan# 2440
Delta R.T. -0.003 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

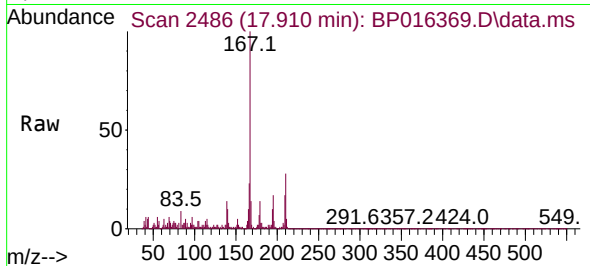
Tgt Ion:178 Resp: 2650302
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.7 15.1 22.7





#77
 Carbazole
 Concen: 1.951 ng/ul
 RT: 17.910 min Scan# 2486
 Delta R.T. -0.009 min
 Lab File: BP016369.D
 Acq: 26 Jul 2023 04:25

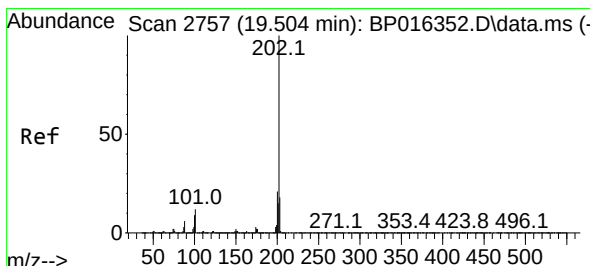
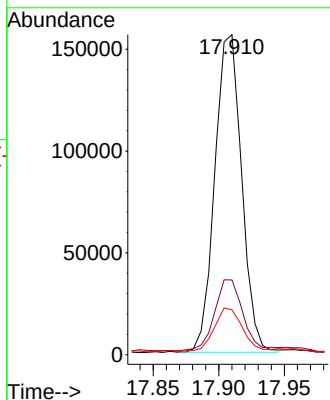
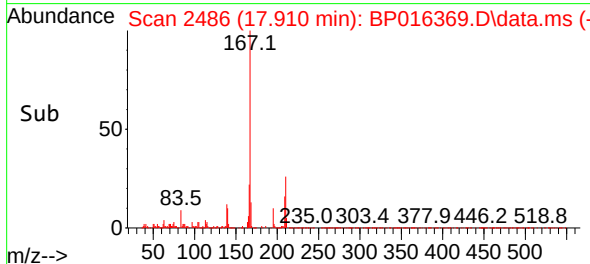
Instrument :
 BNA_P
 Client Sample Id :
 A4733



Tgt Ion:167 Resp: 222062
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.3 25.9
 139 14.0 10.4 15.6

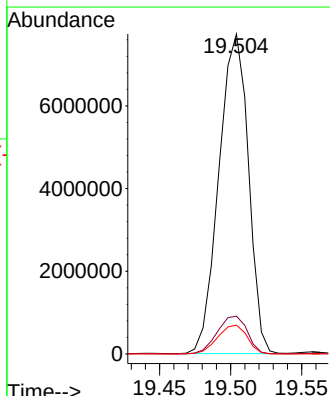
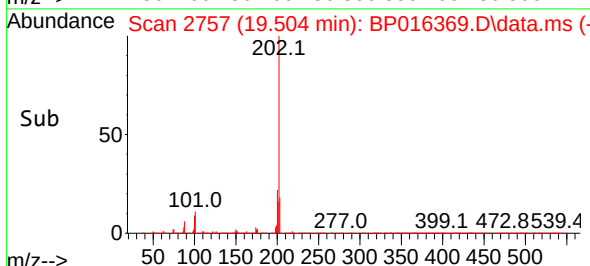
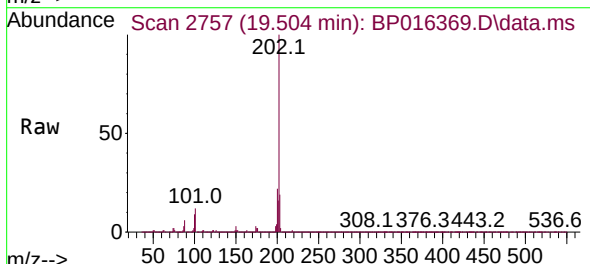
Manual Integrations
 APPROVED

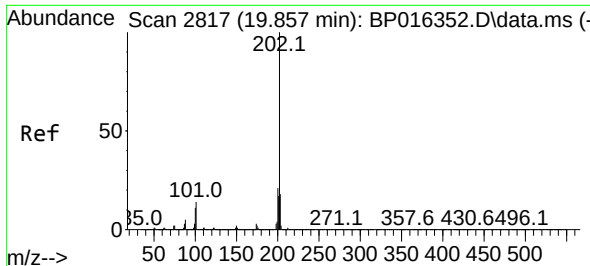
Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/27/2023



#80
 Fluoranthene
 Concen: 93.032 ng/ul
 RT: 19.504 min Scan# 2757
 Delta R.T. -0.003 min
 Lab File: BP016369.D
 Acq: 26 Jul 2023 04:25

Tgt Ion:202 Resp:11179686
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.1 13.7
 100 9.0 7.1 10.7





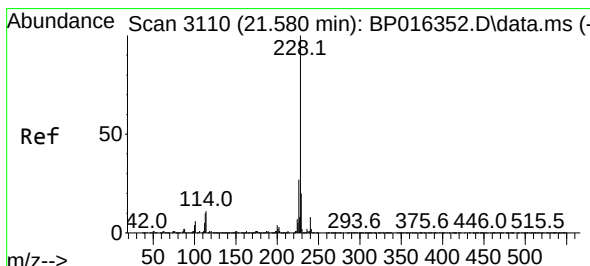
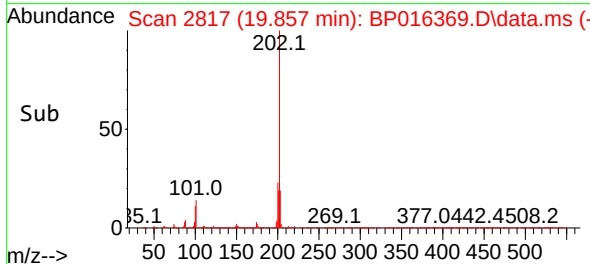
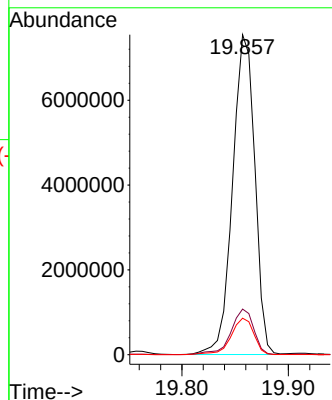
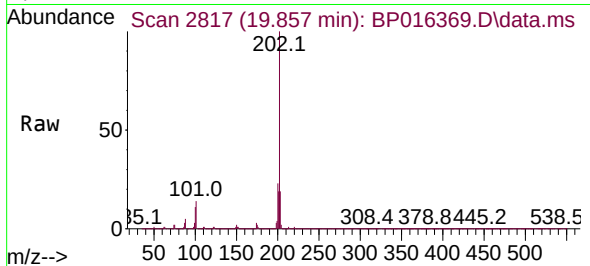
#82
Pyrene
Concen: 88.117 ng/ul
RT: 19.857 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

Instrument :
BNA_P
ClientSampleId :
A4733

Tgt Ion:202 Resp:10939878
Ion Ratio Lower Upper
202 100
101 14.2 11.2 16.8
100 11.4 9.4 14.0

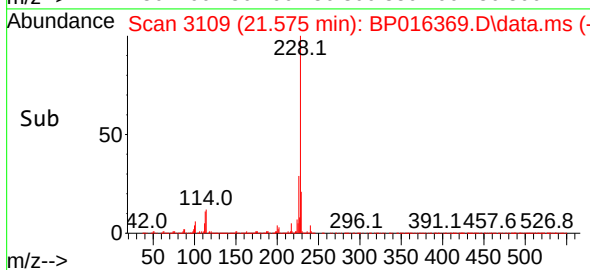
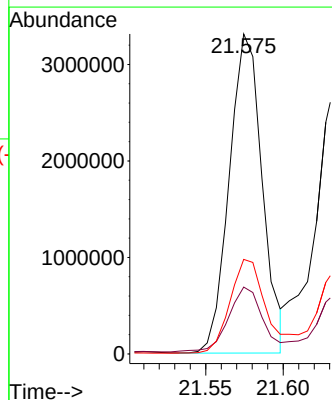
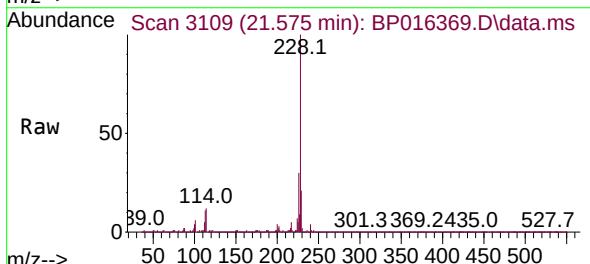
Manual Integrations
APPROVED

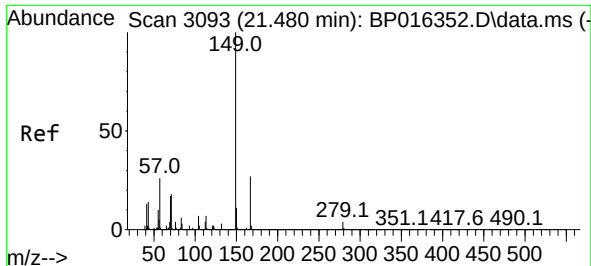
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#85
Benzo(a)anthracene
Concen: 40.866 ng/ul
RT: 21.575 min Scan# 3109
Delta R.T. -0.009 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

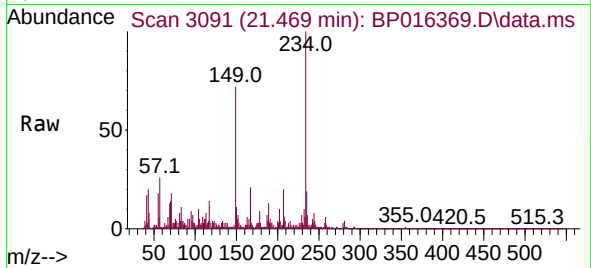
Tgt Ion:228 Resp: 4886995
Ion Ratio Lower Upper
228 100
229 20.9 15.9 23.9
226 29.6 22.0 33.0





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.296 ng/ul
RT: 21.469 min Scan# 3093
Delta R.T. -0.015 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

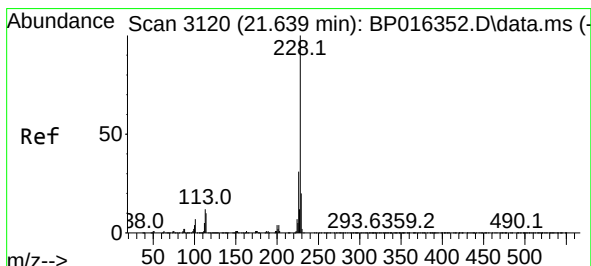
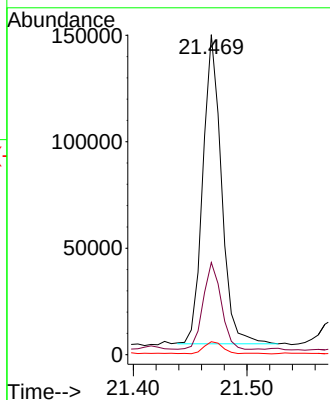
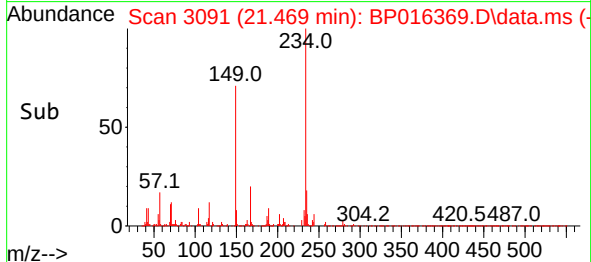
Instrument :
BNA_P
ClientSampleId :
A4733



Tgt Ion:149 Resp: 164635
Ion Ratio Lower Upper
149 100
167 28.8 21.7 32.5
279 4.1 3.0 4.4

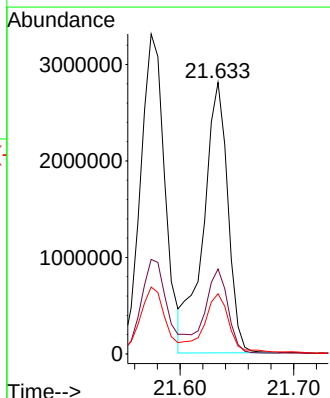
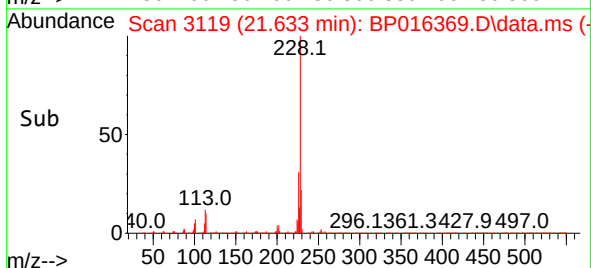
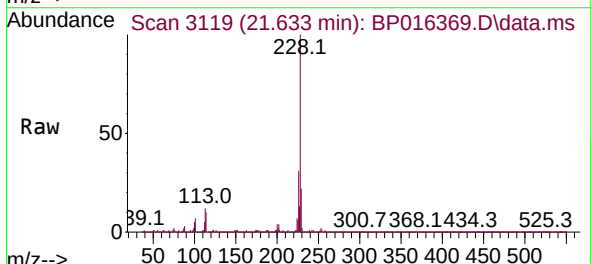
Manual Integrations
APPROVED

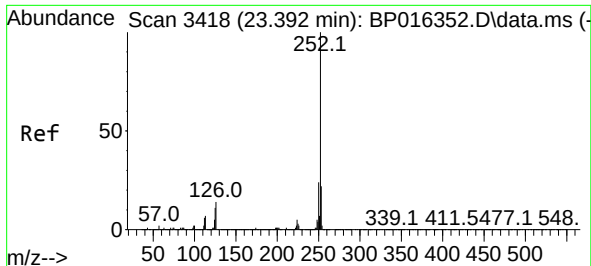
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#87
Chrysene
Concen: 37.991 ng/ul
RT: 21.633 min Scan# 3119
Delta R.T. -0.009 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

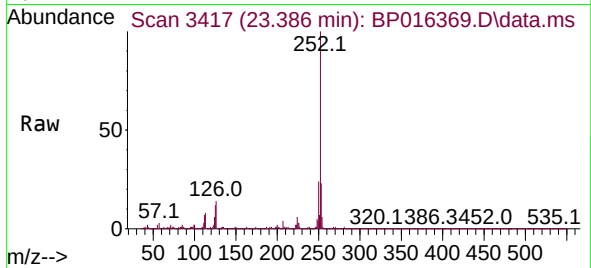
Tgt Ion:228 Resp: 4207177
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 22.1 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 37.515 ng/ul
RT: 23.386 min Scan# 3418
Delta R.T. -0.009 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

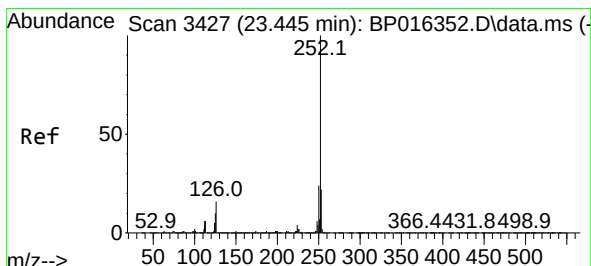
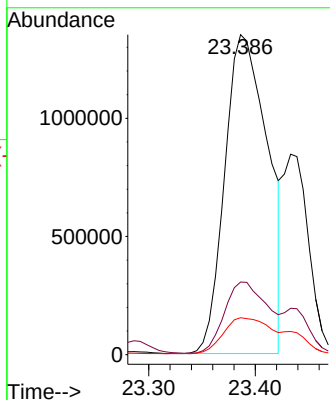
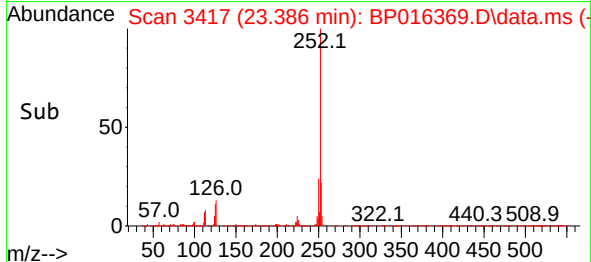
Instrument :
BNA_P
ClientSampleId :
A4733



Tgt Ion:252 Resp: 378698
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 11.6 8.8 13.2

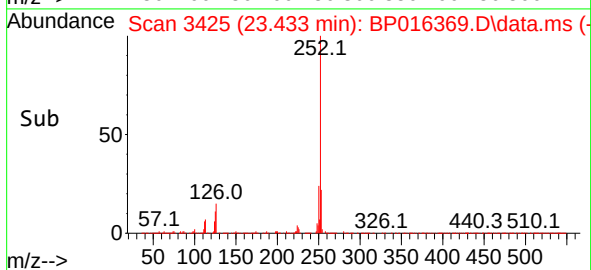
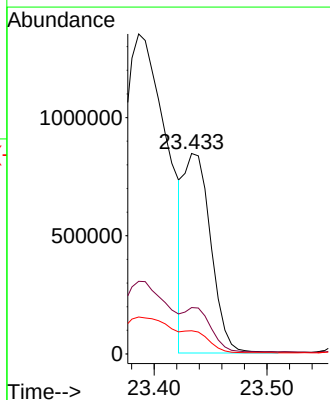
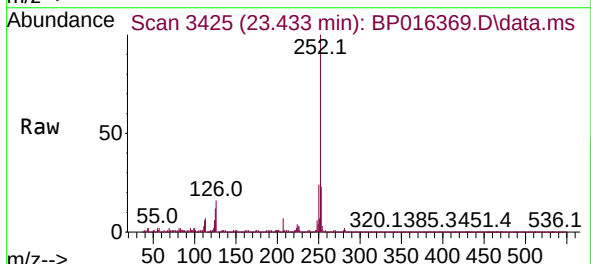
Manual Integrations
APPROVED

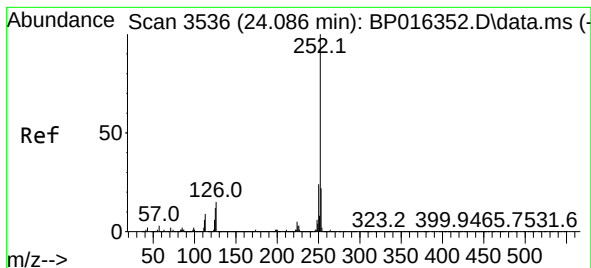
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#91
Benzo(k)fluoranthene
Concen: 14.011 ng/ul m
RT: 23.433 min Scan# 3425
Delta R.T. -0.015 min
Lab File: BP016369.D
Acq: 26 Jul 2023 04:25

Tgt Ion:252 Resp: 1407520
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 11.6 9.0 13.6





#93

Benzo(a)pyrene

Concen: 30.151 ng/ul

RT: 24.080 min Scan# 3

Delta R.T. -0.009 min

Lab File: BP016369.D

Acq: 26 Jul 2023 04:25

Instrument :

BNA_P

ClientSampleId :

A4733

Tgt Ion:252 Resp: 286644

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

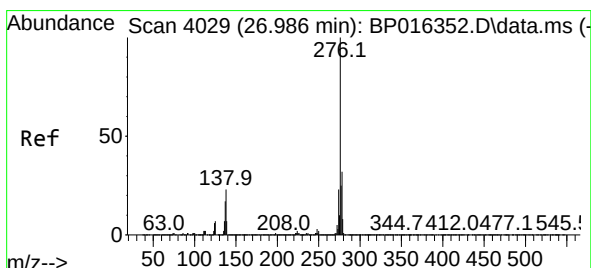
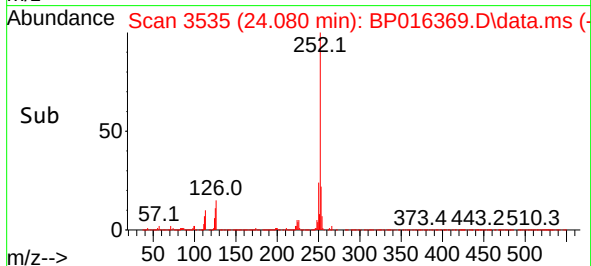
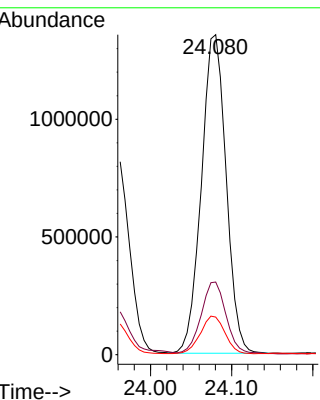
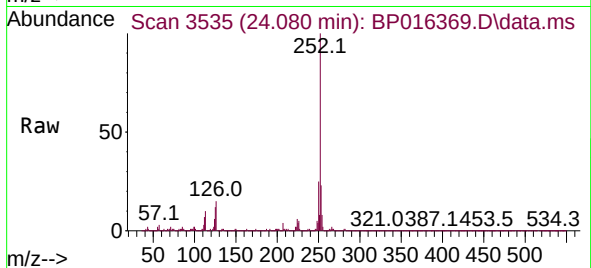
125 11.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 14.325 ng/ul

RT: 26.962 min Scan# 4025

Delta R.T. -0.027 min

Lab File: BP016369.D

Acq: 26 Jul 2023 04:25

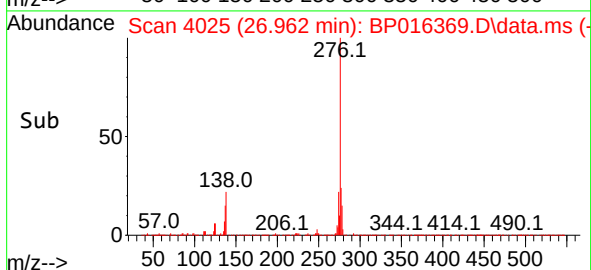
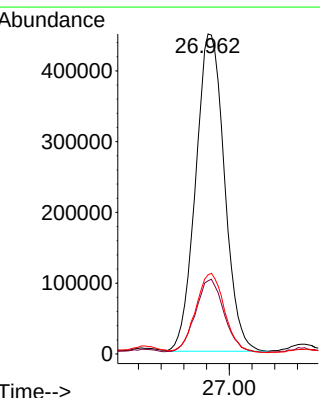
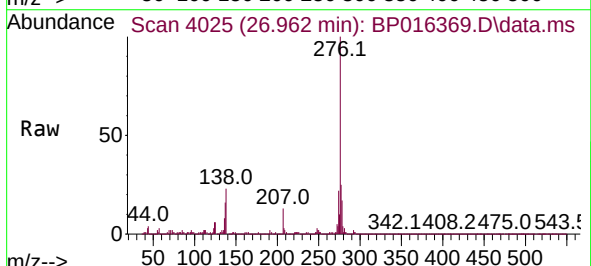
Tgt Ion:276 Resp: 1572539

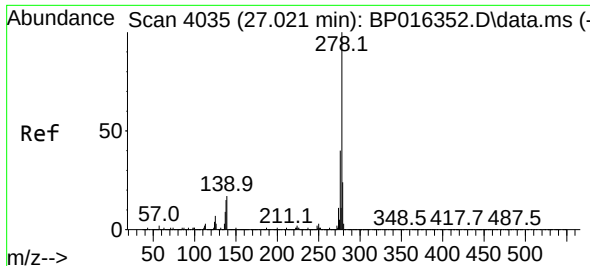
Ion Ratio Lower Upper

276 100

138 22.8 18.1 27.1

277 24.7 19.0 28.4





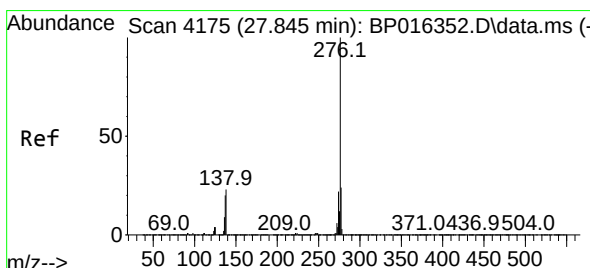
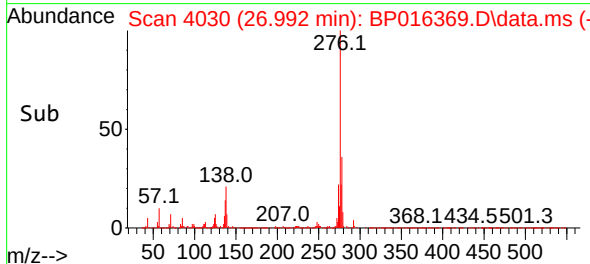
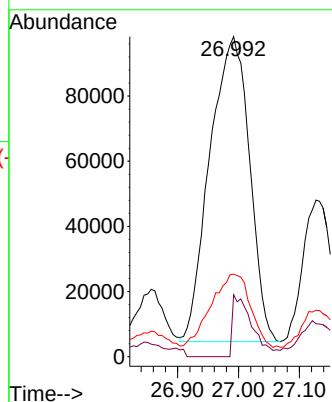
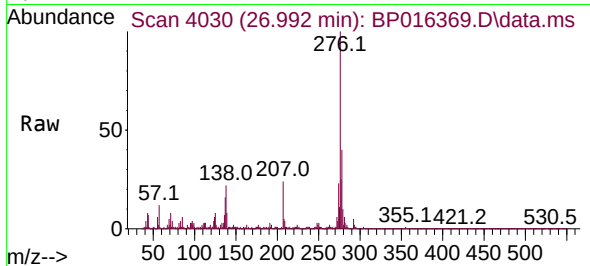
#95
 Dibenzo(a,h)anthracene
 Concen: 4.672 ng/ul
 RT: 26.992 min Scan# 4035
 Delta R.T. -0.032 min
 Lab File: BP016369.D
 Acq: 26 Jul 2023 04:25

Instrument :
 BNA_P
 ClientSampleId :
 A4733

Tgt Ion:278 Resp: 424150
 Ion Ratio Lower Upper
 278 100
 139 19.3 14.2 21.2
 279 25.8 19.4 29.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/27/2023



#96
 Benzo(g,h,i)perylene
 Concen: 14.326 ng/ul
 RT: 27.833 min Scan# 4173
 Delta R.T. -0.027 min
 Lab File: BP016369.D
 Acq: 26 Jul 2023 04:25

Tgt Ion:276 Resp: 1245089
 Ion Ratio Lower Upper
 276 100
 138 24.1 17.8 26.6
 277 24.0 19.0 28.4

