

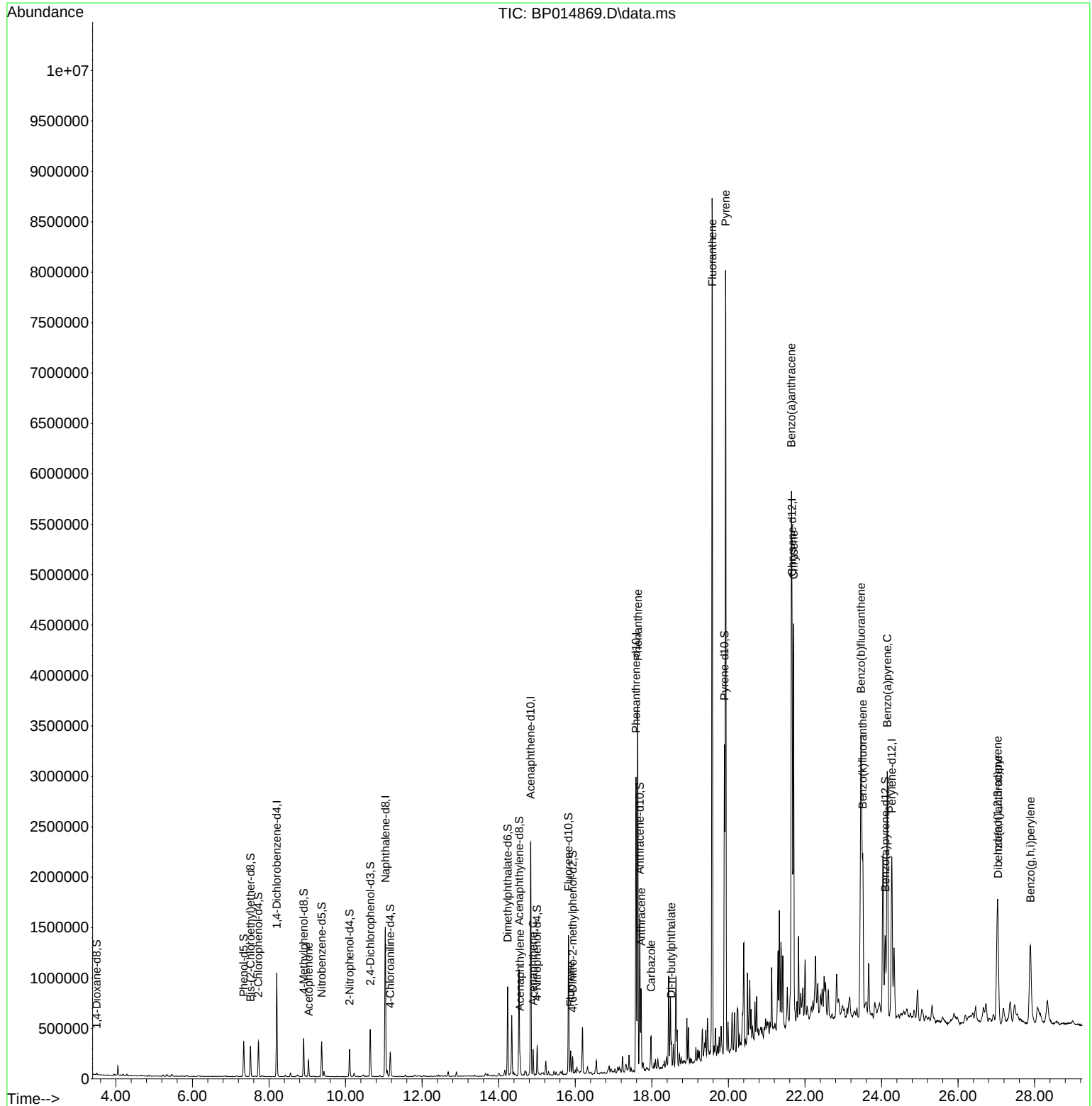
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042723\
Data File : BP014869.D
Acq On : 27 Apr 2023 12:50
Operator : CG/JU
Sample : 02418-01DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

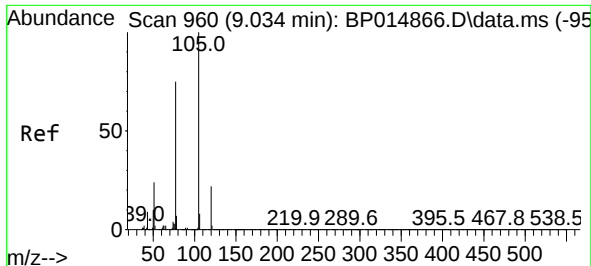
Instrument :
BNA_P
ClientSampleId :
EW8Y7DL

Quant Time: Apr 27 23:36:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023





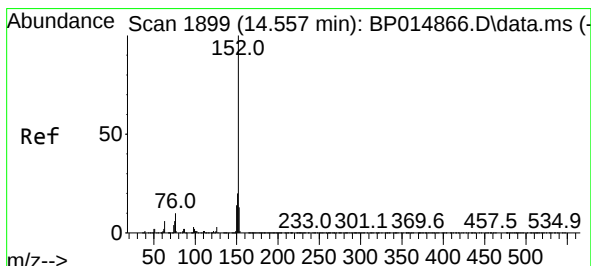
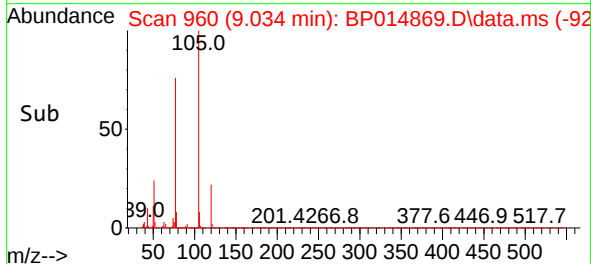
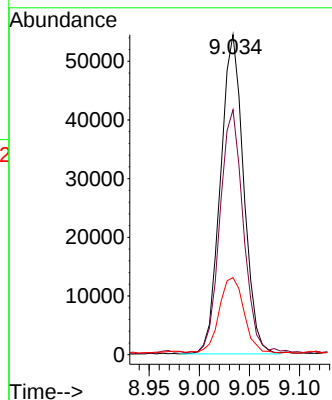
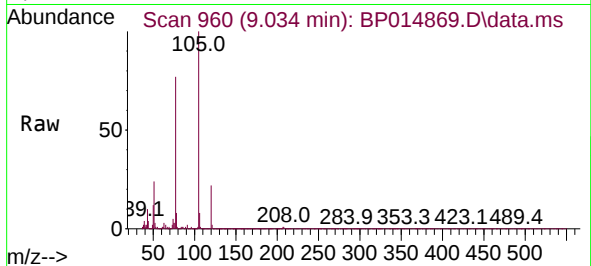
#16
Acetophenone
Concen: 2.775 ng/ul
RT: 9.034 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50

Instrument :
BNA_P
ClientSampleId :
EW8Y7DL

Tgt Ion	Ratio	Lower	Upper
105	100		
77	76.5	59.8	89.8
51	24.1	19.6	29.4

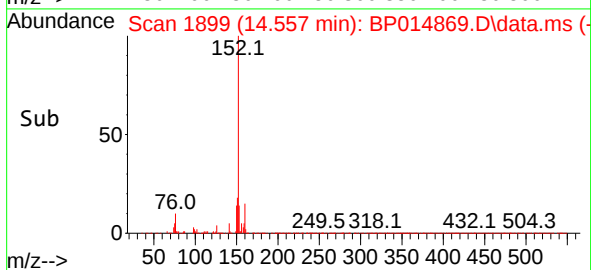
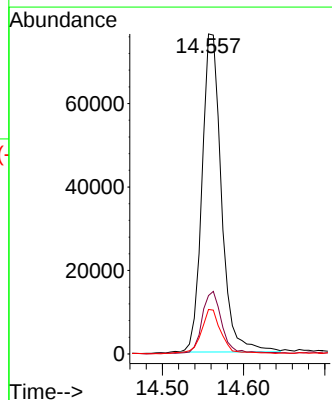
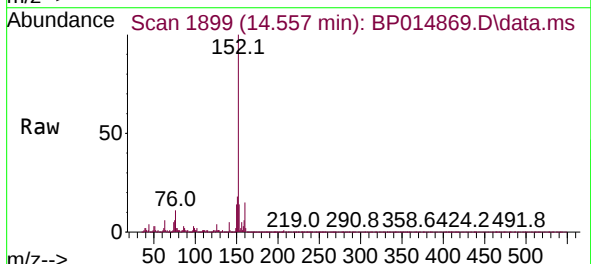
Manual Integrations
APPROVED

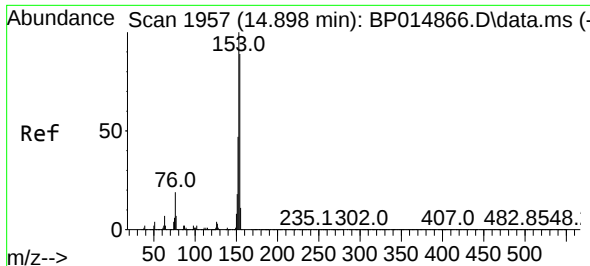
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#50
Acenaphthylene
Concen: 1.641 ng/ul
RT: 14.557 min Scan# 1899
Delta R.T. -0.000 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.8	23.6
153	13.9	10.4	15.6





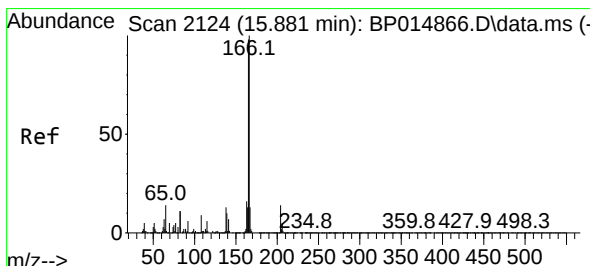
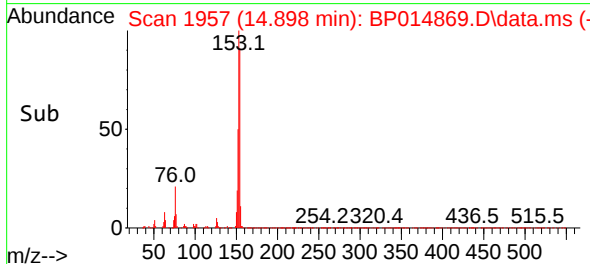
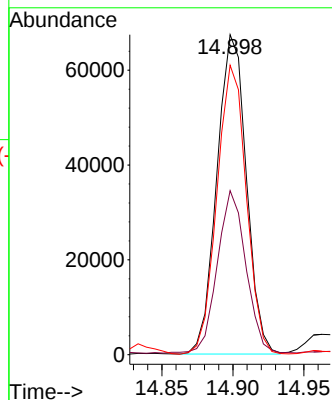
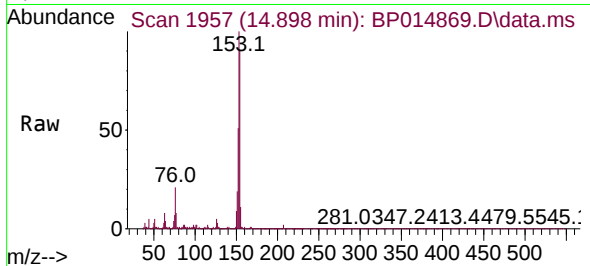
#52
Acenaphthene
Concen: 1.833 ng/ul
RT: 14.898 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50

Instrument :
BNA_P
Client Sample Id :
EW8Y7DL

Tgt Ion:153 Resp: 97314
Ion Ratio Lower Upper
153 100
152 51.3 38.2 57.4
154 90.5 71.0 106.4

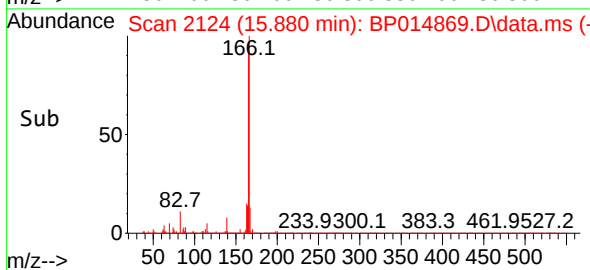
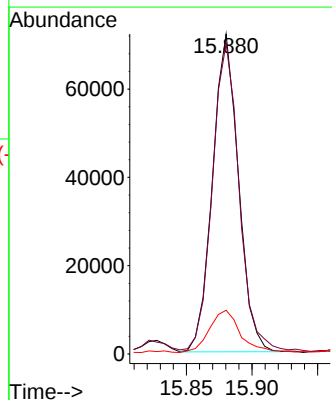
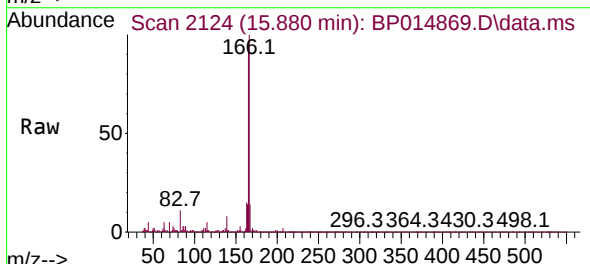
Manual Integrations
APPROVED

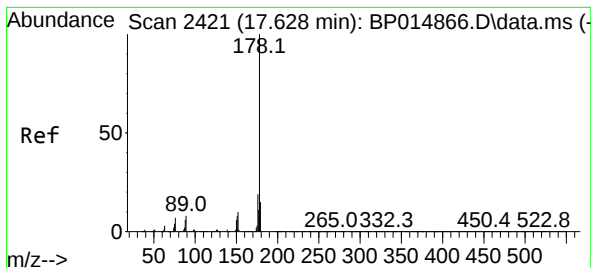
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#61
Fluorene
Concen: 1.680 ng/ul
RT: 15.880 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50

Tgt Ion:166 Resp: 99095
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 13.7 10.7 16.1





#72

Phenanthrene

Concen: 22.393 ng/u1

RT: 17.633 min Scan# 2421

Delta R.T. 0.011 min

Lab File: BP014869.D

Acq: 27 Apr 2023 12:50

Instrument :

BNA_P

ClientSampleId :

EW8Y7DL

Tgt Ion:178 Resp: 217732

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

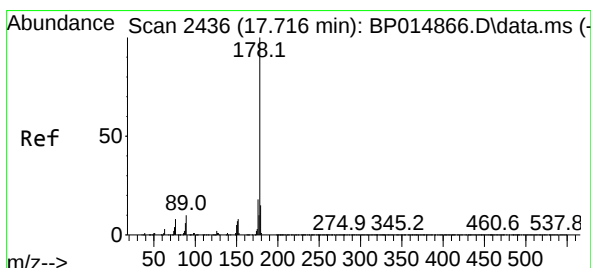
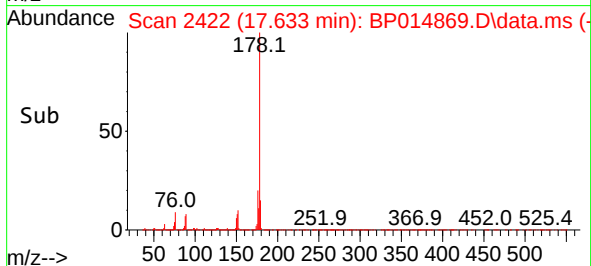
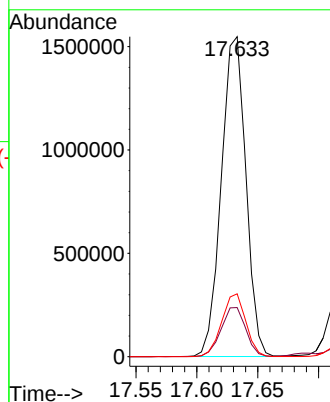
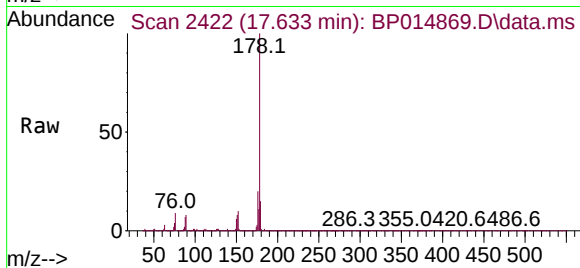
176 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#74

Anthracene

Concen: 5.173 ng/u1

RT: 17.721 min Scan# 2437

Delta R.T. 0.006 min

Lab File: BP014869.D

Acq: 27 Apr 2023 12:50

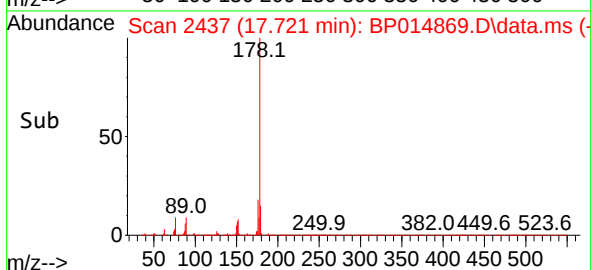
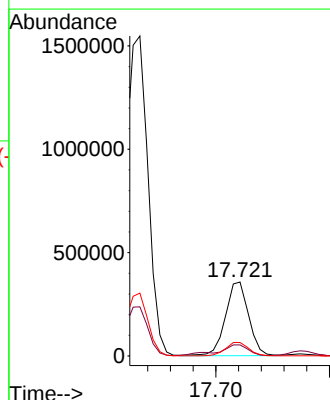
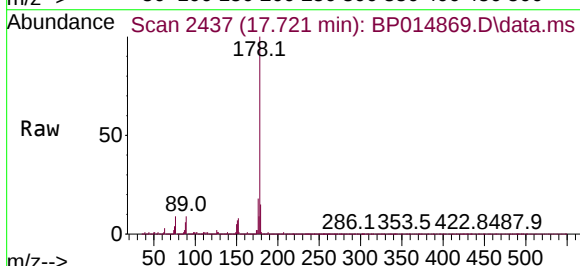
Tgt Ion:178 Resp: 507124

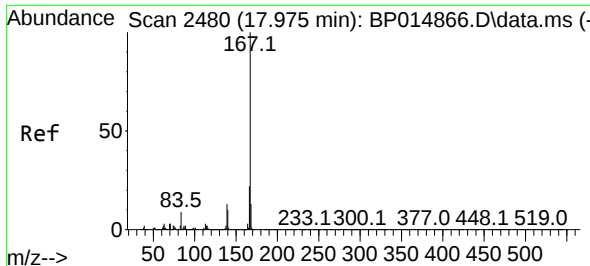
Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

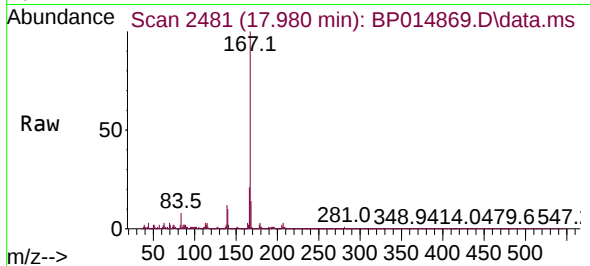
176 18.3 14.9 22.3





#77
Carbazole
Concen: 2.410 ng/ul
RT: 17.980 min Scan# 2480
Delta R.T. 0.006 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50

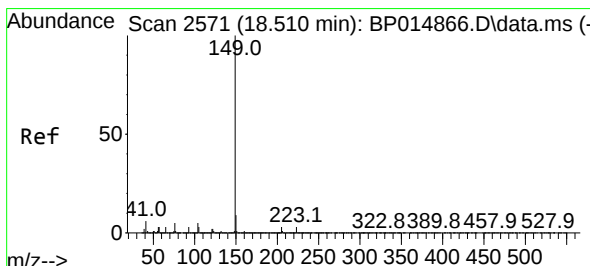
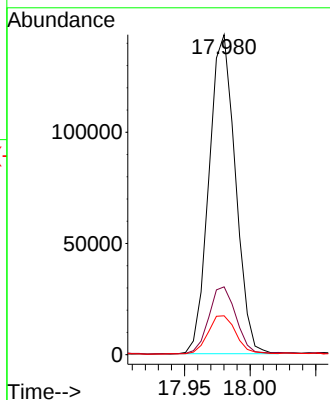
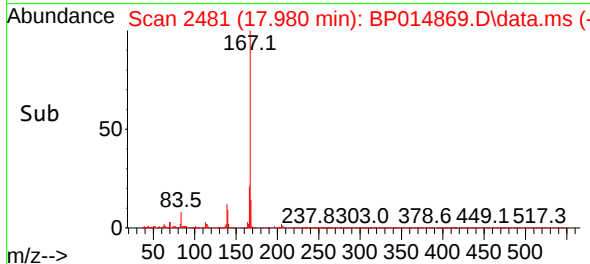
Instrument :
BNA_P
ClientSampleId :
EW8Y7DL



Tgt Ion:167 Resp: 201054
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.2 9.8 14.8

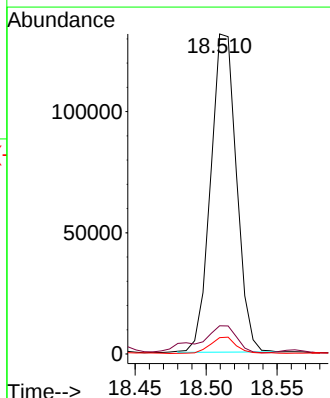
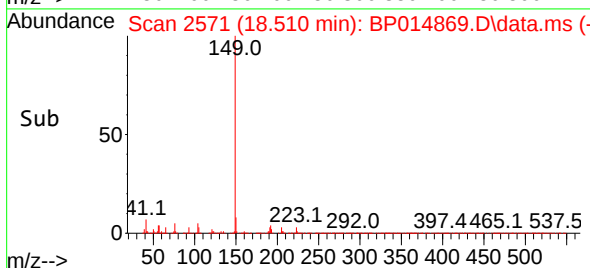
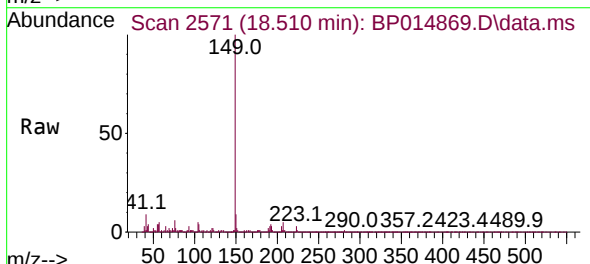
Manual Integrations
APPROVED

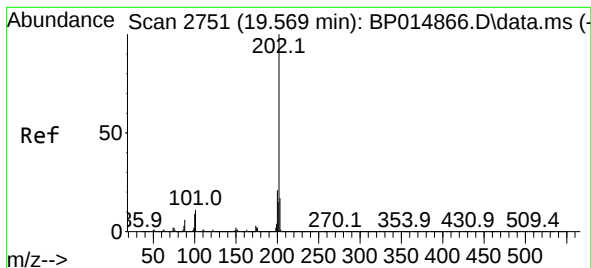
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#78
Di-n-butylphthalate
Concen: 1.677 ng/ul
RT: 18.510 min Scan# 2571
Delta R.T. -0.000 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50

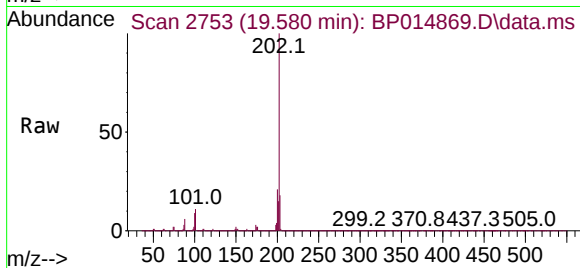
Tgt Ion:149 Resp: 166085
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 5.1 3.9 5.9





#80
Fluoranthene
Concen: 49.604 ng/u1
RT: 19.580 min Scan# 21
Delta R.T. 0.011 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50

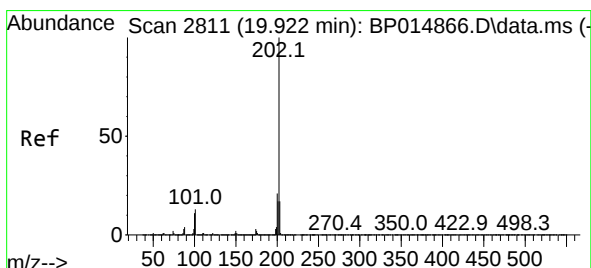
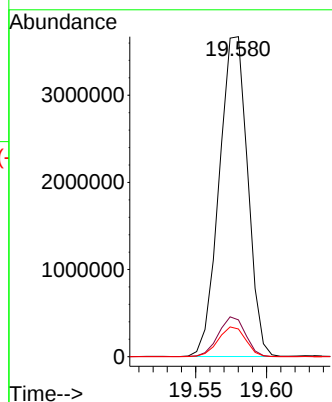
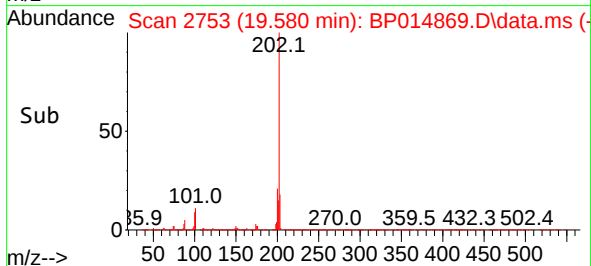
Instrument :
BNA_P
ClientSampleId :
EW8Y7DL



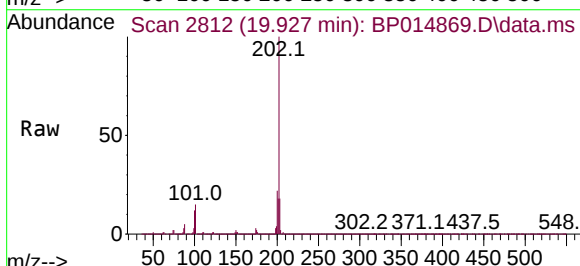
Tgt Ion:202 Resp: 5123470
Ion Ratio Lower Upper
202 100
101 11.5 9.1 13.7
100 8.7 7.0 10.4

Manual Integrations
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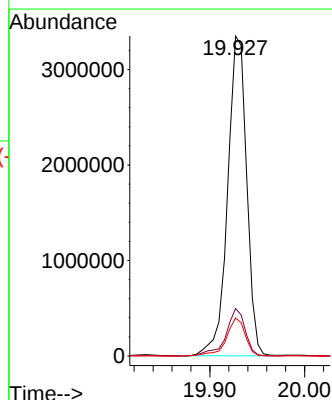
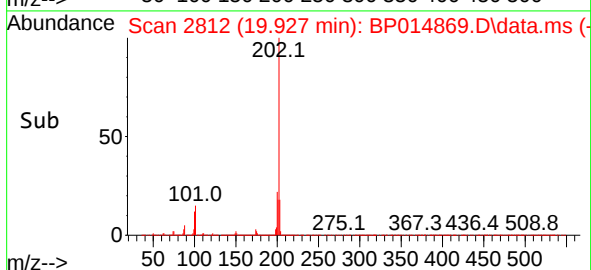
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

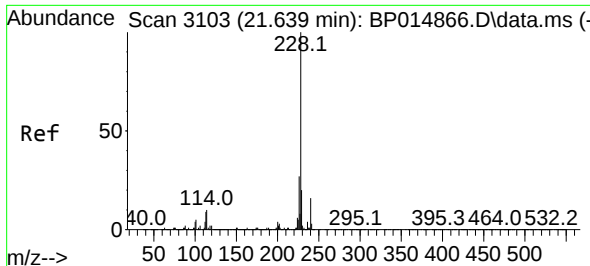


#82
Pyrene
Concen: 43.766 ng/u1
RT: 19.927 min Scan# 2812
Delta R.T. 0.006 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50



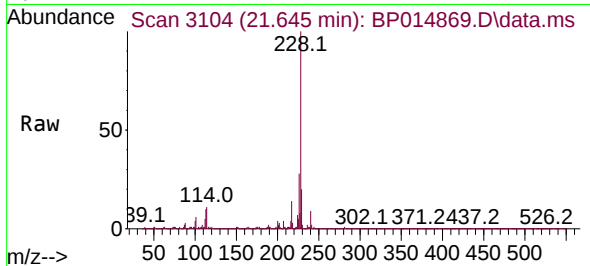
Tgt Ion:202 Resp: 4675419
Ion Ratio Lower Upper
202 100
101 14.8 11.1 16.7
100 11.8 9.0 13.6





#85
Benzo(a)anthracene
Concen: 24.344 ng/ul
RT: 21.645 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50

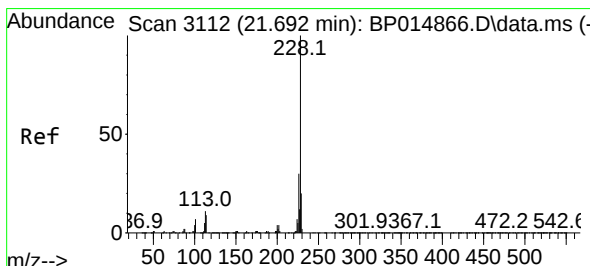
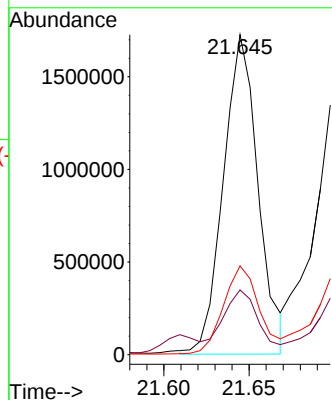
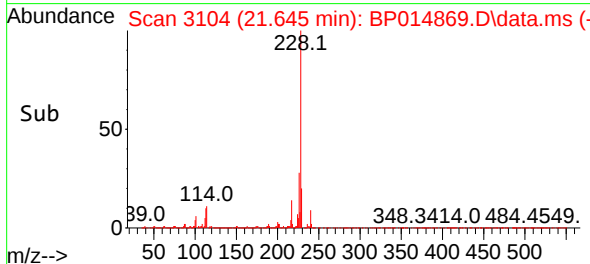
Instrument :
BNA_P
ClientSampleId :
EW8Y7DL



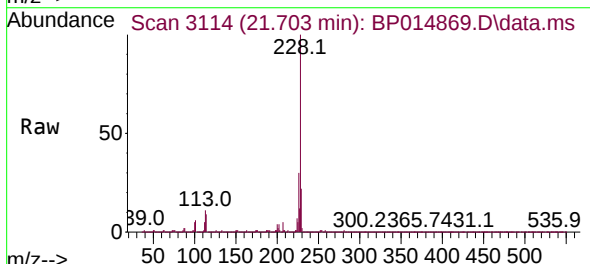
Tgt Ion:228 Resp: 2441398
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.8 22.0 33.0

Manual Integrations
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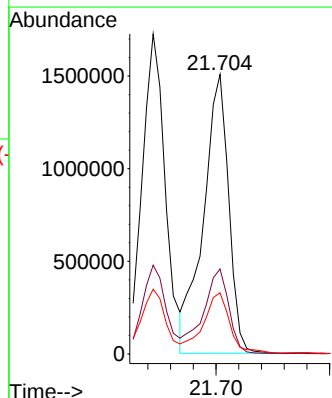
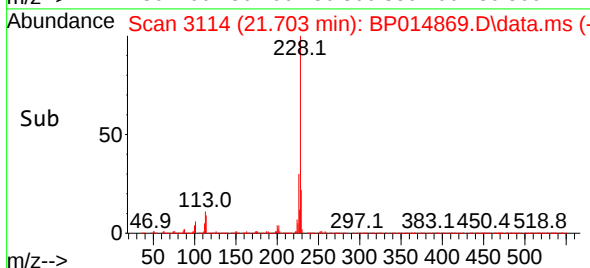
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

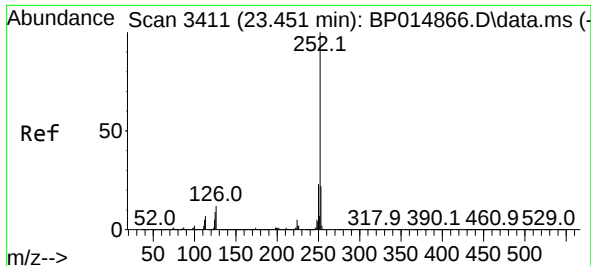


#87
Chrysene
Concen: 24.511 ng/ul
RT: 21.703 min Scan# 3114
Delta R.T. 0.011 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50



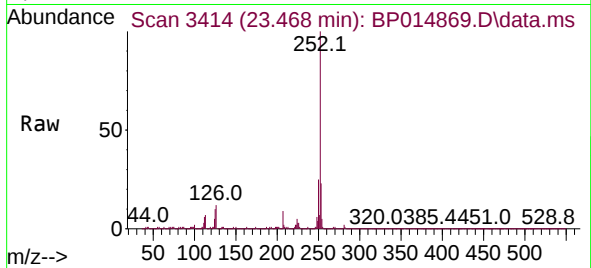
Tgt Ion:228 Resp: 2330194
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 21.9 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 30.285 ng/ul
RT: 23.468 min Scan# 3411
Delta R.T. 0.017 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50

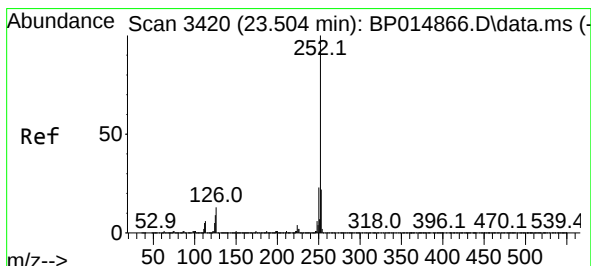
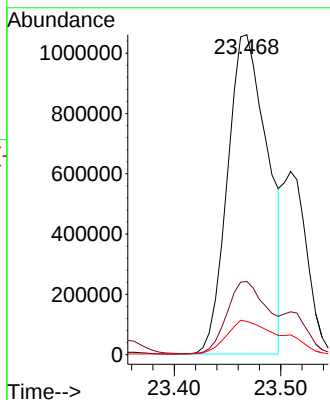
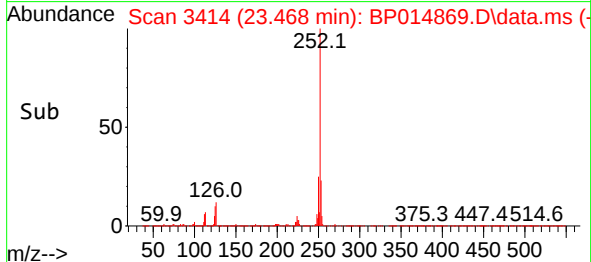
Instrument :
BNA_P
ClientSampleId :
EW8Y7DL



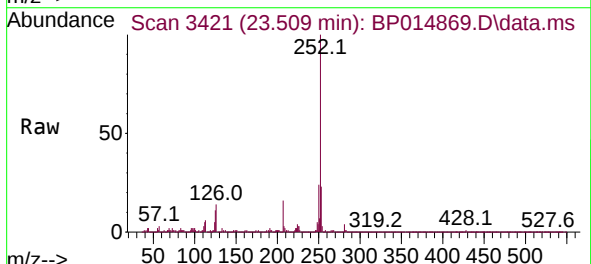
Tgt Ion:252 Resp: 2786284
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 10.4 7.8 11.8

Manual Integrations
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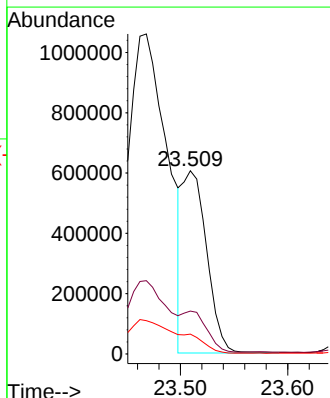
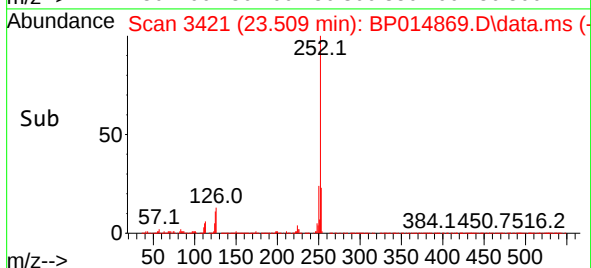
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

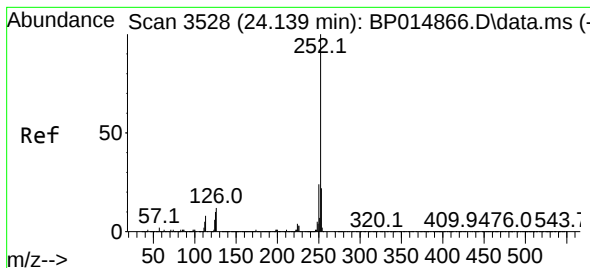


#91
Benzo(k)fluoranthene
Concen: 10.651 ng/ul m
RT: 23.509 min Scan# 3421
Delta R.T. 0.005 min
Lab File: BP014869.D
Acq: 27 Apr 2023 12:50



Tgt Ion:252 Resp: 950369
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 10.8 7.9 11.9





#93

Benzo(a)pyrene

Concen: 24.939 ng/ul

RT: 24.150 min Scan# 30

Delta R.T. 0.011 min

Lab File: BP014869.D

Acq: 27 Apr 2023 12:50

Instrument :

BNA_P

ClientSampleId :

EW8Y7DL

Tgt Ion:252 Resp: 194339

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

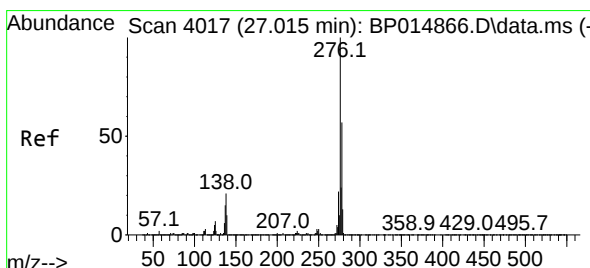
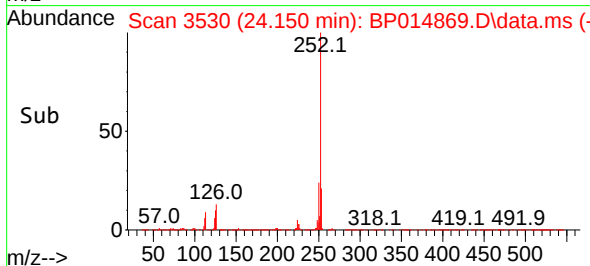
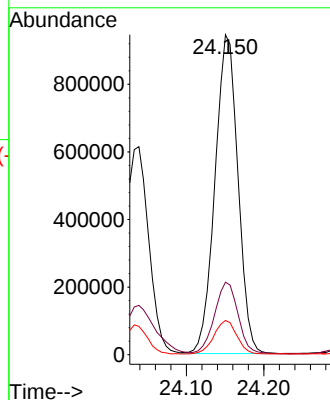
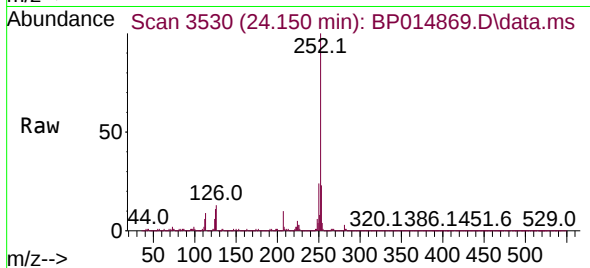
125 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 15.348 ng/ul

RT: 27.033 min Scan# 4020

Delta R.T. 0.017 min

Lab File: BP014869.D

Acq: 27 Apr 2023 12:50

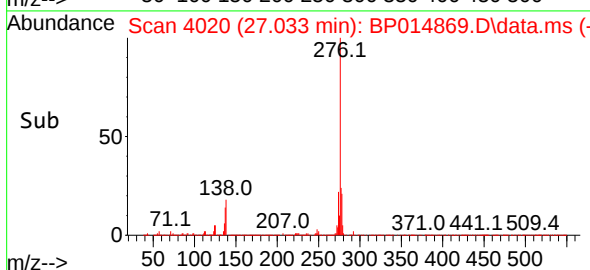
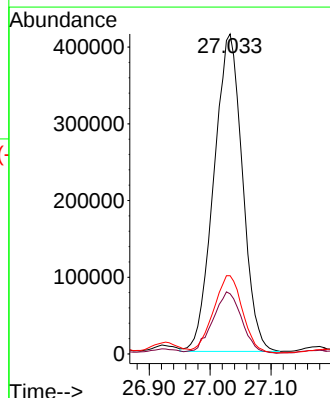
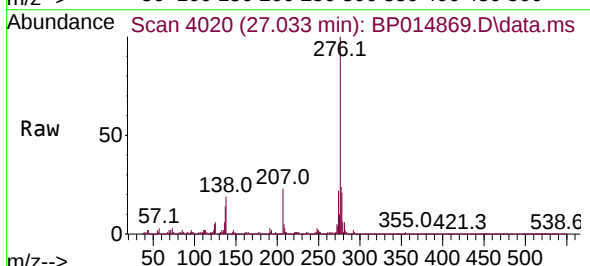
Tgt Ion:276 Resp: 1348621

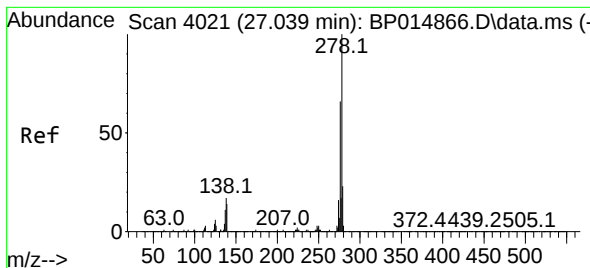
Ion Ratio Lower Upper

276 100

138 18.8 17.7 26.5

277 24.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 4.534 ng/ul

RT: 27.044 min Scan# 4021

Delta R.T. 0.011 min

Lab File: BP014869.D

Acq: 27 Apr 2023 12:50

Instrument :

BNA_P

ClientSampleId :

EW8Y7DL

Tgt Ion:278 Resp: 332270

Ion Ratio Lower Upper

278 100

139 0.0 12.0 18.0

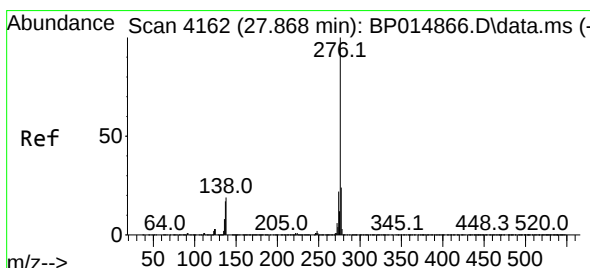
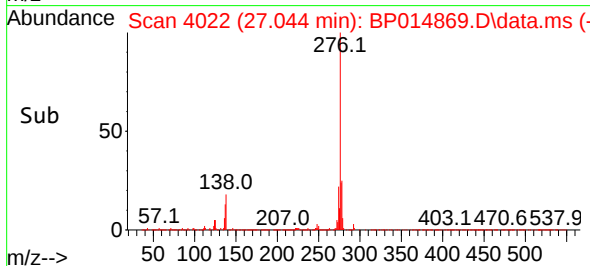
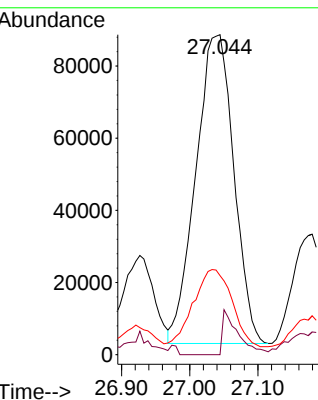
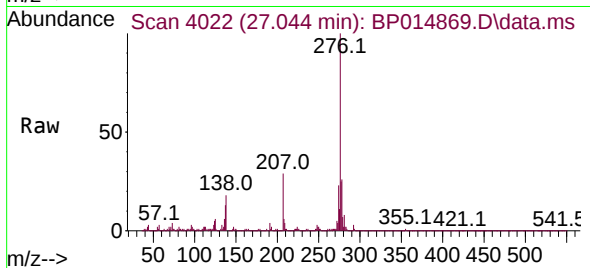
279 24.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#96

Benzo(g,h,i)perylene

Concen: 16.227 ng/ul

RT: 27.891 min Scan# 4166

Delta R.T. 0.029 min

Lab File: BP014869.D

Acq: 27 Apr 2023 12:50

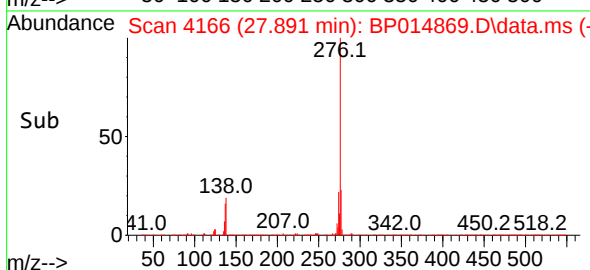
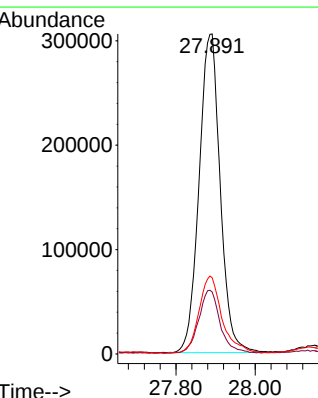
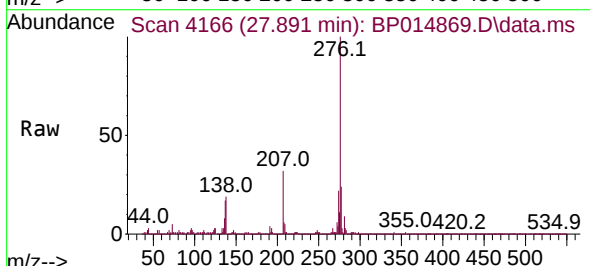
Tgt Ion:276 Resp: 1129683

Ion Ratio Lower Upper

276 100

138 19.4 16.2 24.2

277 23.8 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042723\
 Data File : BP014869.D
 Acq On : 27 Apr 2023 12:50
 Operator : CG/JU
 Sample : 02418-01DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Y7DL

Quant Time: Apr 27 23:36:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.204	152	275303	20.000	ng/u1	0.00
20) Naphthalene-d8	11.039	136	1234826	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.833	164	803837	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.586	188	1775554	20.000	ng/u1	0.00
79) Chrysene-d12	21.662	240	1441563	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1343385	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.499	96	10002	1.428	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.340	99	201466	8.050	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	127398	8.471	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	161548	8.742	ng/u1	0.00
15) 4-Methylphenol-d8	8.904	113	138278	6.879	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	78319	8.473	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	86375	9.091	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	171915	8.705	ng/u1	0.00
31) 4-Chloroaniline-d4	11.169	131	134748	4.755	ng/u1	0.00
46) Dimethylphthalate-d6	14.233	166	560691	8.989	ng/u1	0.00
49) Acenaphthylene-d8	14.533	160	663336	9.276	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	66101	5.817	ng/u1	0.00
60) Fluorene-d10	15.821	176	517744	9.750	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.933	200	33512	3.401	ng/u1	0.00
73) Anthracene-d10	17.686	188	808061	9.692	ng/u1	0.00
81) Pyrene-d10	19.898	212	957756	10.928	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.097	264	699084	10.038	ng/u1	0.02
Target Compounds					Qvalue	
16) Acetophenone	9.034	105	87263	2.775	ng/u1	98
50) Acenaphthylene	14.557	152	126766	1.641	ng/u1	97
52) Acenaphthene	14.898	153	97314	1.833	ng/u1	97
61) Fluorene	15.880	166	99095	1.680	ng/u1	98
72) Phenanthrene	17.633	178	2177322	22.393	ng/u1	100
74) Anthracene	17.721	178	507124	5.173	ng/u1	100
77) Carbazole	17.980	167	201054	2.410	ng/u1	99
78) Di-n-butylphthalate	18.510	149	166085	1.677	ng/u1	99
80) Fluoranthene	19.580	202	5123476	49.604	ng/u1	100
82) Pyrene	19.927	202	4675419	43.766	ng/u1	98
85) Benzo(a)anthracene	21.645	228	2441398	24.344	ng/u1	99
87) Chrysene	21.703	228	2330194	24.511	ng/u1	98
90) Benzo(b)fluoranthene	23.468	252	2786284	30.285	ng/u1	97
91) Benzo(k)fluoranthene	23.509	252	950369m	10.651	ng/u1	
93) Benzo(a)pyrene	24.150	252	1943391	24.939	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.033	276	1348621	15.348	ng/u1	97
95) Dibenzo(a,h)anthracene	27.044	278	332270	4.534	ng/u1#	85
96) Benzo(g,h,i)perylene	27.891	276	1129683	16.227	ng/u1	99

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