

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014965.D
 Acq On : 04 May 2023 22:14
 Operator : CG/JU
 Sample : 02447-22 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW940

Quant Time: May 05 00:54:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	366877	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1398521	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.804	164	712672	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1355983	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1322115	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1564475	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	2147	0.218	ng/uL	0.00
4) Pyridine-d5	3.923	84	19372m	0.718	ng/u1	0.02
7) Phenol-d5	7.311	99	32363	1.017	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	22080	1.123	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	27295	1.167	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	20802	0.849	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	10604	1.066	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	11299	1.106	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	21452	1.070	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	8353	0.288	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	65460	1.298	ng/u1	0.00
49) Acenaphthylene-d8	14.498	160	74880	1.238	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	2665	0.304	ng/u1	0.01
60) Fluorene-d10	15.798	176	55378	1.276	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	2160	0.283	ng/u1	0.00
73) Anthracene-d10	17.657	188	84698	1.390	ng/u1	0.00
81) Pyrene-d10	19.875	212	104501	1.172	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.069	264	106896	1.402	ng/u1	0.00
Target Compounds						
					Qvalue	
61) Fluorene	15.851	166	53139	1.052	ng/u1	97
72) Phenanthrene	17.604	178	1013333	13.527	ng/u1	99
74) Anthracene	17.692	178	232863	3.122	ng/u1	99
77) Carbazole	17.957	167	74945	1.195	ng/u1	98
80) Fluoranthene	19.557	202	2042597	18.668	ng/u1	97
82) Pyrene	19.904	202	1774870	15.310	ng/u1	98
85) Benzo(a)anthracene	21.622	228	950972	10.776	ng/u1	100
87) Chrysene	21.680	228	914201	10.289	ng/u1	98
90) Benzo(b)fluoranthene	23.439	252	1276227	12.622	ng/u1	99
91) Benzo(k)fluoranthene	23.480	252	354160m	3.442	ng/u1	
93) Benzo(a)pyrene	24.121	252	838046	9.451	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.986	276	625891	5.786	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.998	278	157229	1.774	ng/u1#	81
96) Benzo(g,h,i)perylene	27.839	276	552716	6.004	ng/u1	96

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

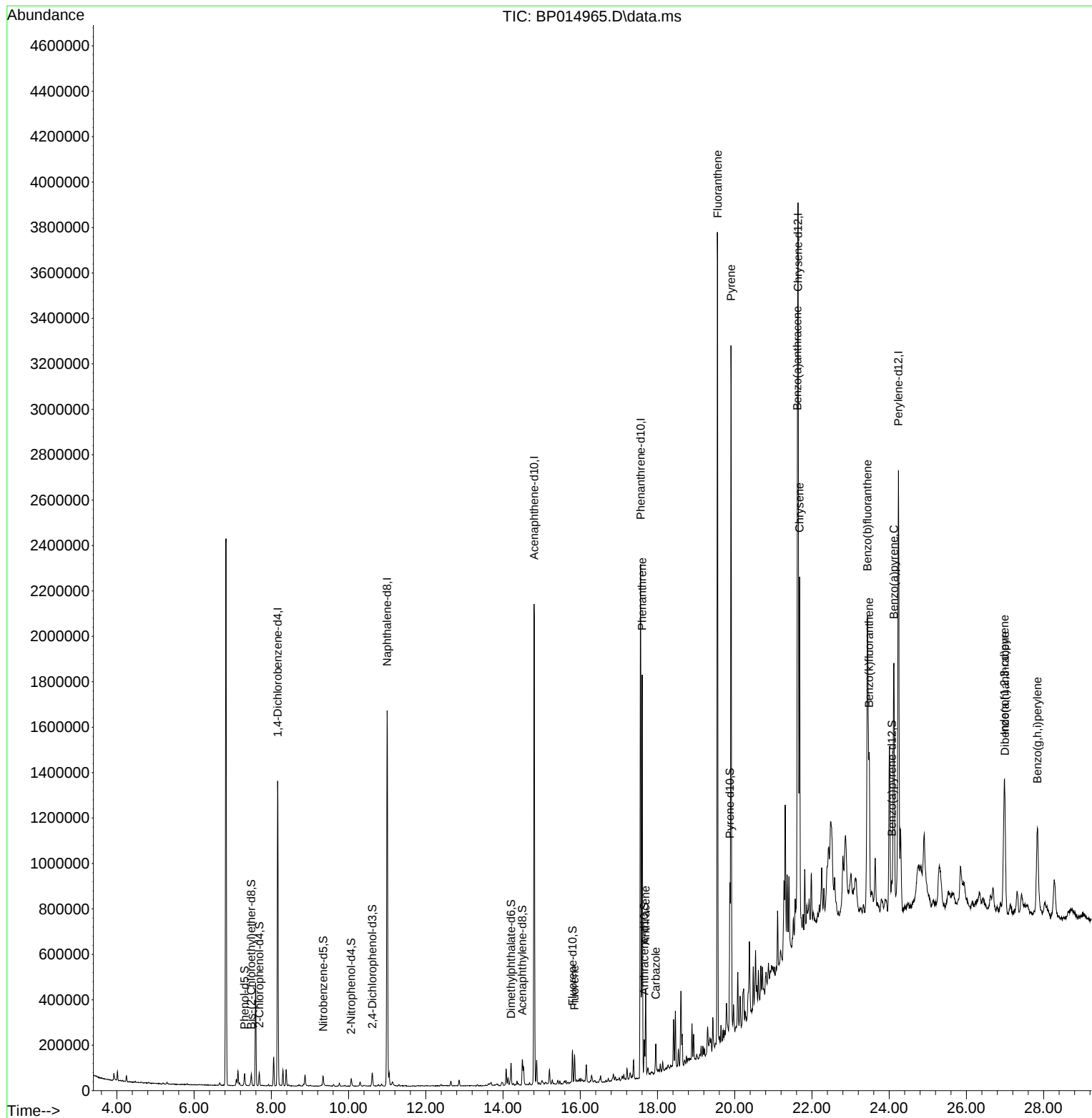
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014965.D
 Acq On : 04 May 2023 22:14
 Operator : CG/JU
 Sample : 02447-22 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

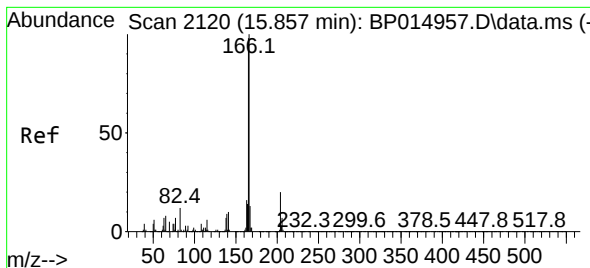
Instrument :
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#61

Fluorene

Concen: 1.052 ng/ul

RT: 15.851 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BP014965.D

Acq: 04 May 2023 22:14

Instrument :

BNA_P

ClientSampleId :

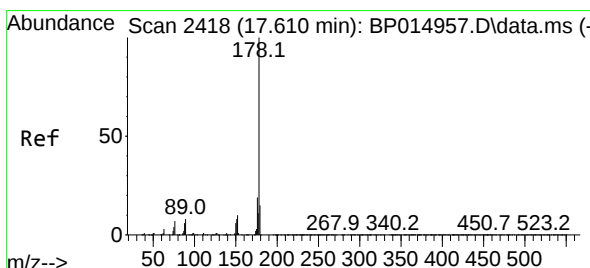
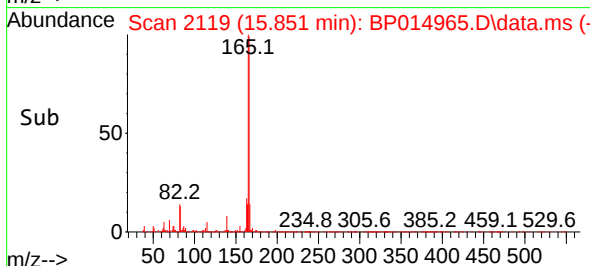
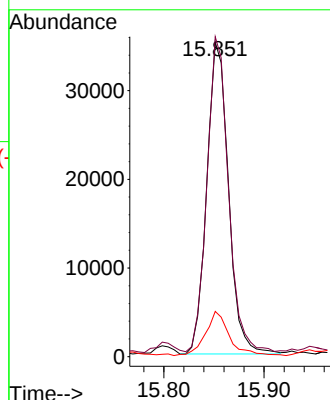
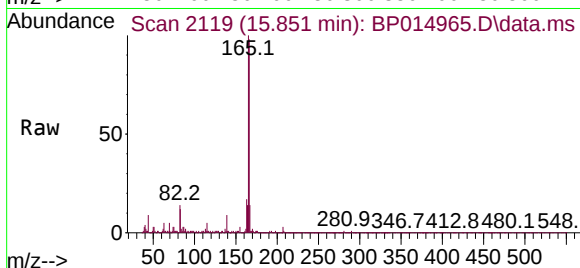
EW940

Tgt Ion:	166	Resp:	53139
Ion Ratio	Lower	Upper	
166	100		
165	101.7	79.3	118.9
167	14.4	10.7	16.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#72

Phenanthrene

Concen: 13.527 ng/ul

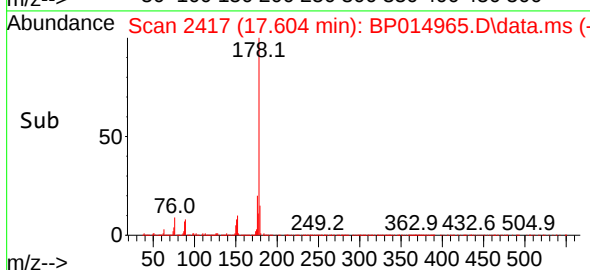
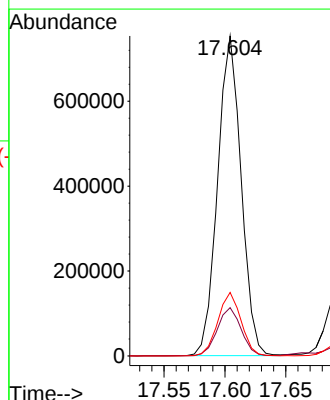
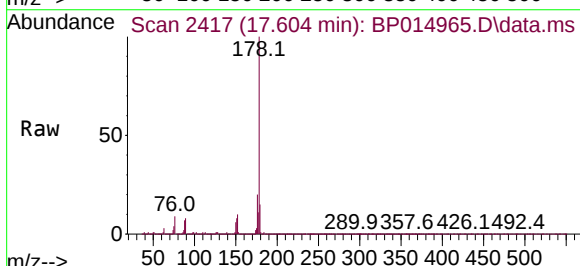
RT: 17.604 min Scan# 2417

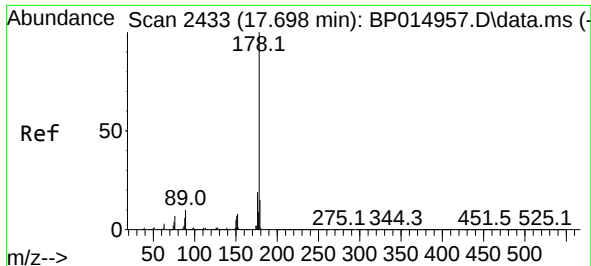
Delta R.T. -0.006 min

Lab File: BP014965.D

Acq: 04 May 2023 22:14

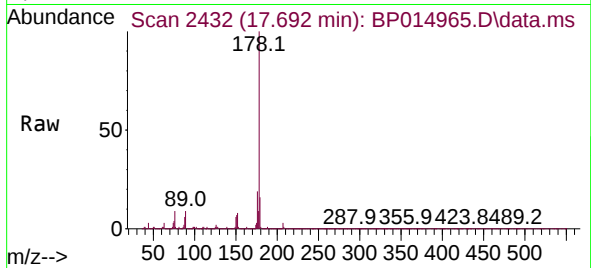
Tgt Ion:	178	Resp:	1013333
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.2	18.4
176	19.9	15.4	23.0





#74
 Anthracene
 Concen: 3.122 ng/ul
 RT: 17.692 min Scan# 2433
 Delta R.T. -0.006 min
 Lab File: BP014965.D
 Acq: 04 May 2023 22:14

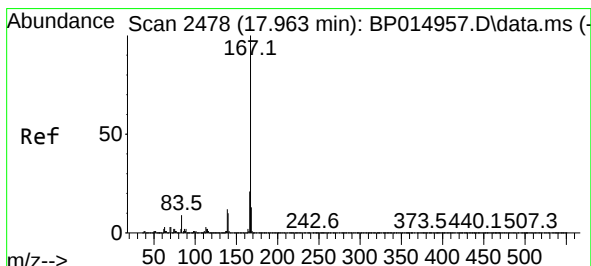
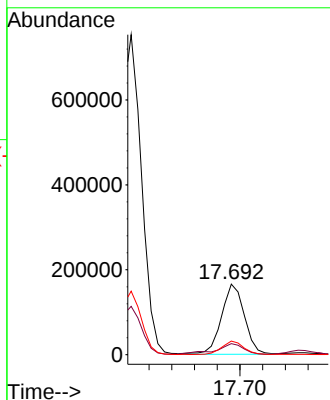
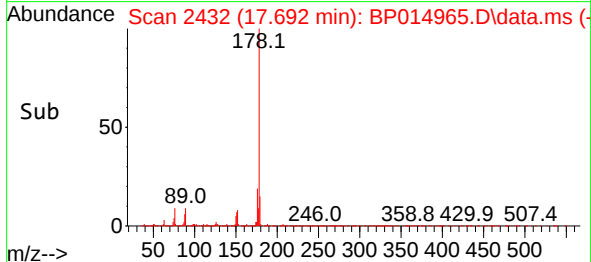
Instrument :
 BNA_P
 ClientSampleId :
 EW940



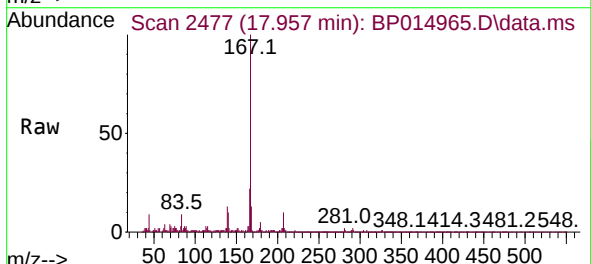
Tgt Ion:178 Resp: 23286
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 18.8
 176 19.3 15.0 22.4

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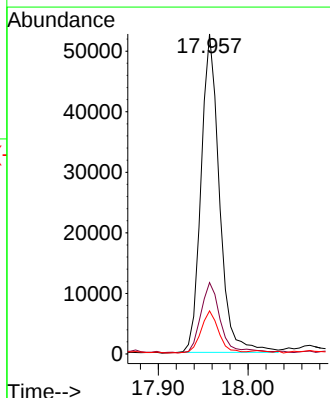
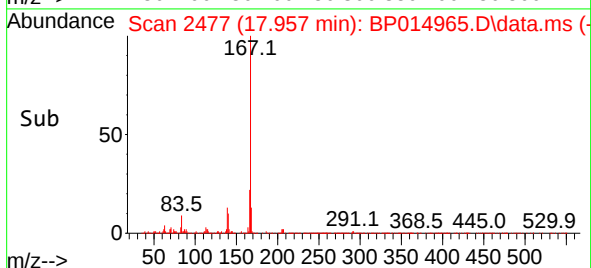
Reviewed By :Christian Giraldo 05/05/2023
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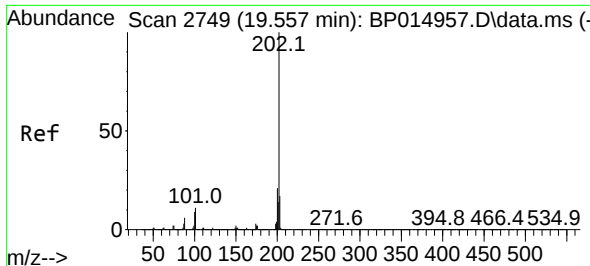


#77
 Carbazole
 Concen: 1.195 ng/ul
 RT: 17.957 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP014965.D
 Acq: 04 May 2023 22:14



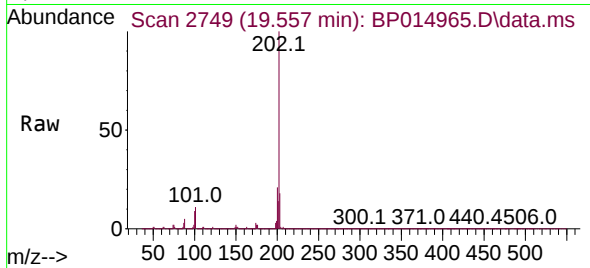
Tgt Ion:167 Resp: 74945
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.1 25.7
 139 13.5 10.1 15.1





#80
Fluoranthene
Concen: 18.668 ng/ul
RT: 19.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

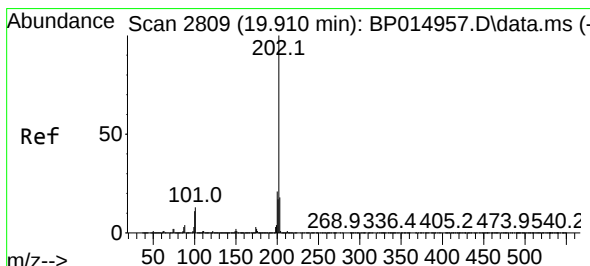
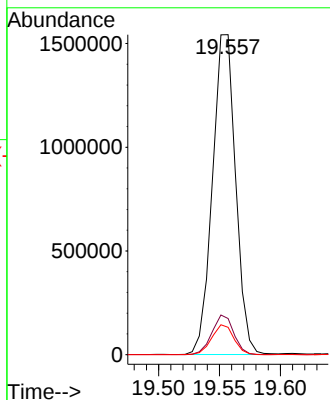
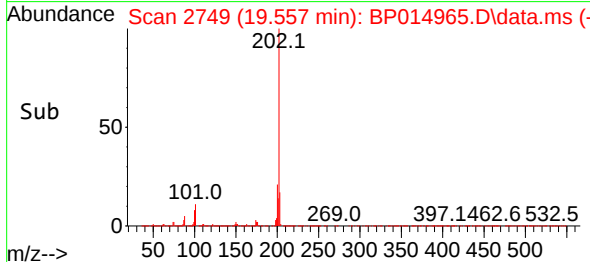
Instrument :
BNA_P
ClientSampleId :
EW940



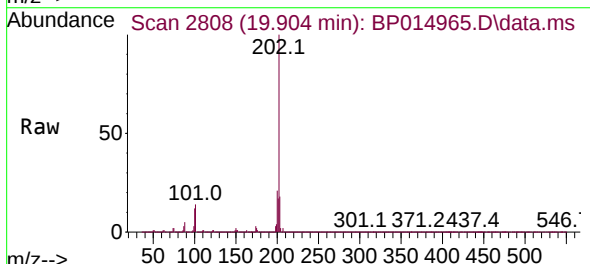
Tgt Ion:202 Resp: 204259
Ion Ratio Lower Upper
202 100
101 11.3 10.1 15.1
100 8.5 7.7 11.5

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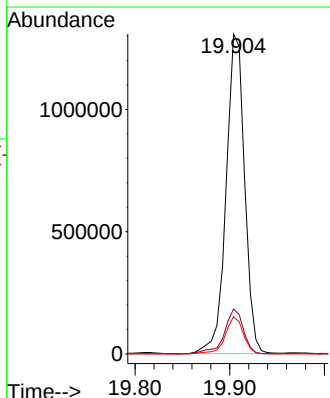
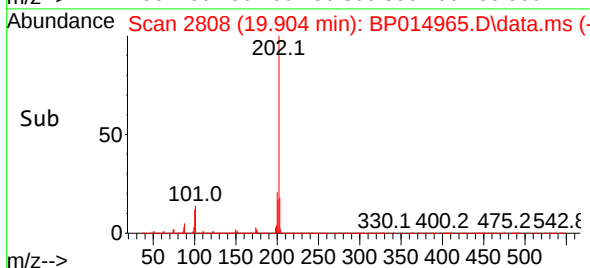
Reviewed By :Christian Giraldo 05/05/2023
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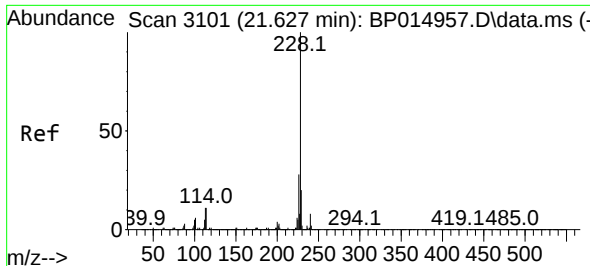


#82
Pyrene
Concen: 15.310 ng/ul
RT: 19.904 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14



Tgt Ion:202 Resp: 1774870
Ion Ratio Lower Upper
202 100
101 14.0 11.9 17.9
100 11.7 9.7 14.5





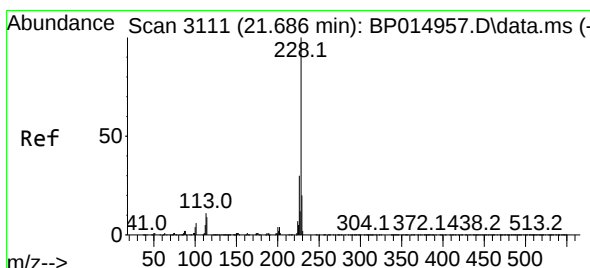
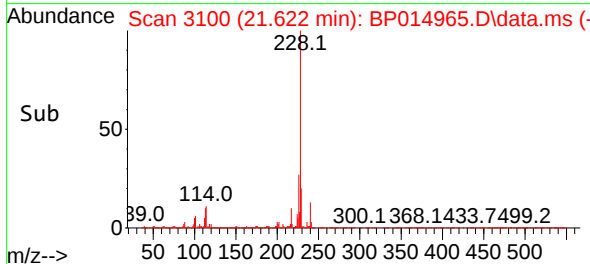
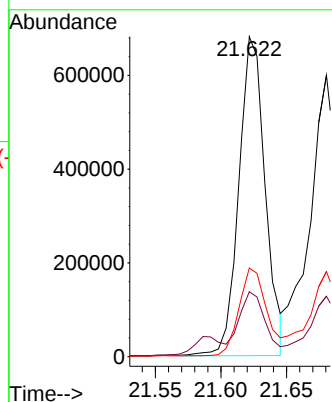
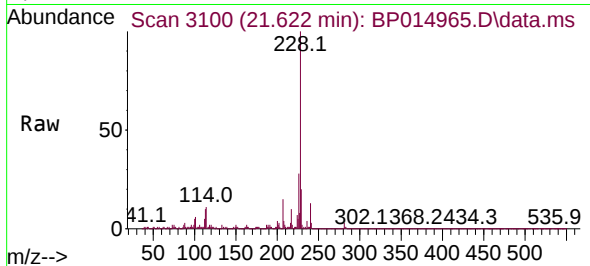
#85
Benzo(a)anthracene
Concen: 10.776 ng/ul
RT: 21.622 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Instrument :
BNA_P
ClientSampleId :
EW940

Tgt Ion:228 Resp: 950972
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 27.7 22.1 33.1

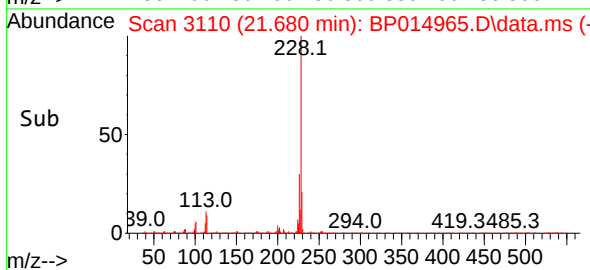
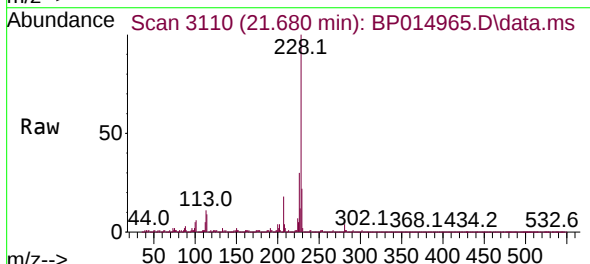
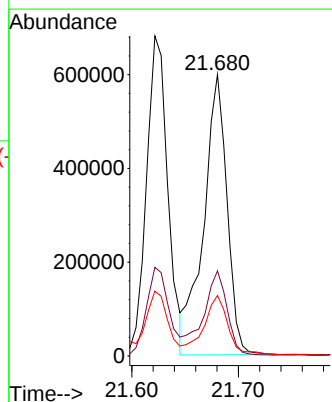
Manual Integrations
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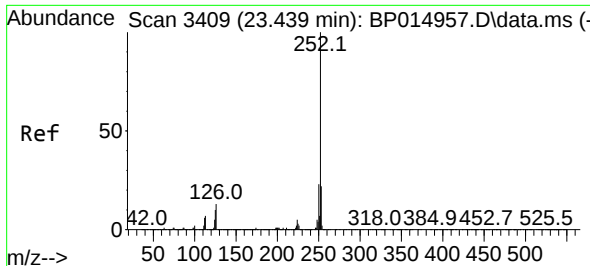
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#87
Chrysene
Concen: 10.289 ng/ul
RT: 21.680 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

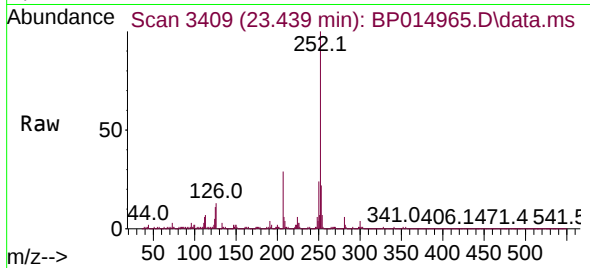
Tgt Ion:228 Resp: 914201
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.5 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 12.622 ng/ul
RT: 23.439 min Scan# 3409
Delta R.T. 0.000 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

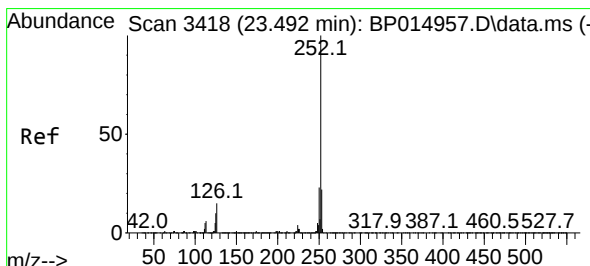
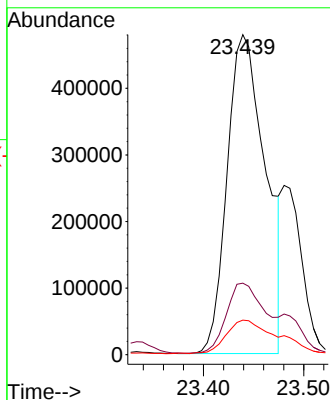
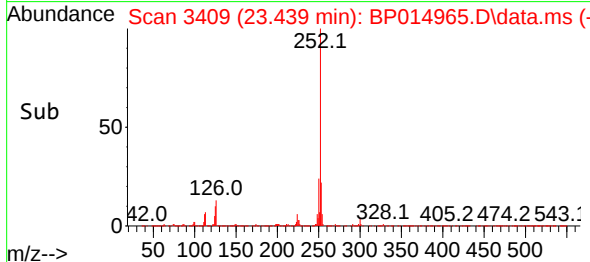
Instrument :
BNA_P
ClientSampleId :
EW940



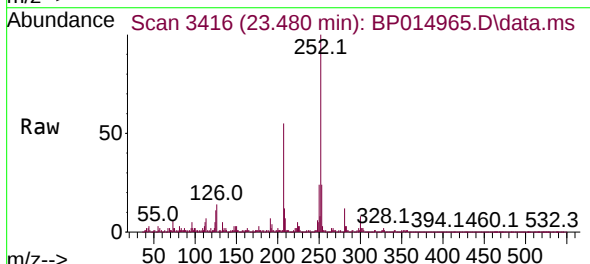
Tgt Ion:252 Resp: 127622
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.8 8.4 12.6

Manual Integrations
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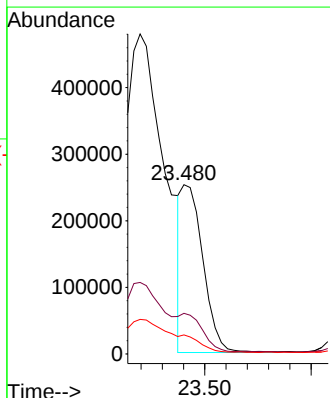
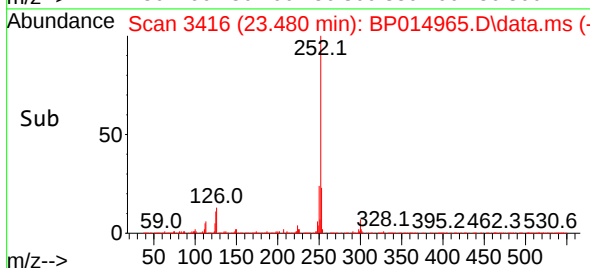
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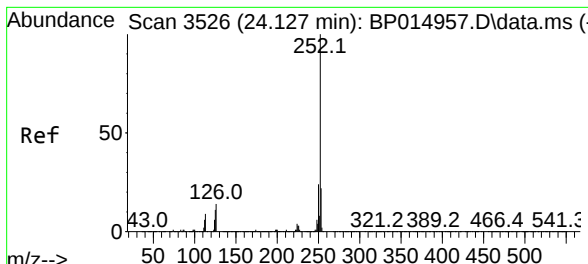


#91
Benzo(k)fluoranthene
Concen: 3.442 ng/ul m
RT: 23.480 min Scan# 3416
Delta R.T. -0.012 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14



Tgt Ion:252 Resp: 354160
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 11.3 8.9 13.3





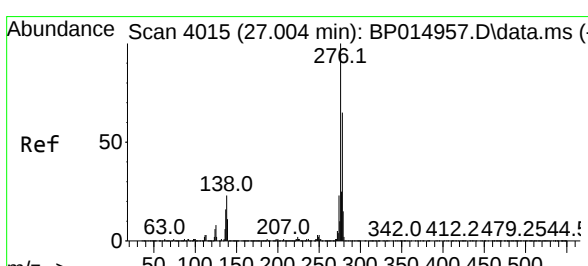
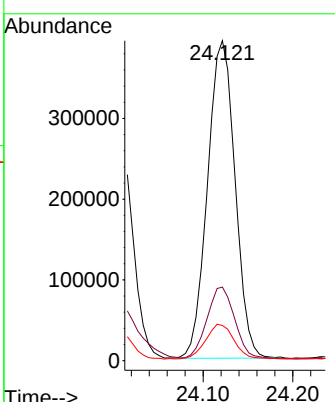
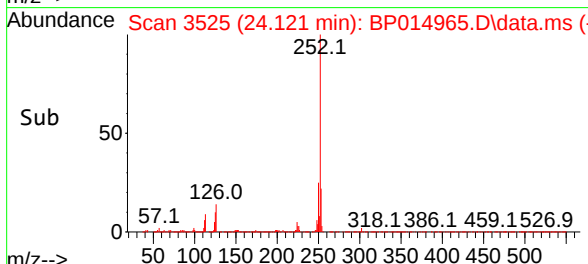
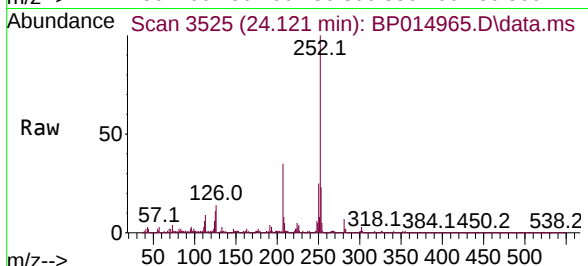
#93
 Benzo(a)pyrene
 Concen: 9.451 ng/ul
 RT: 24.121 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP014965.D
 Acq: 04 May 2023 22:14

Instrument : BNA_P
 ClientSampleId : EW940

Tgt Ion: 252 Resp: 838040

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.0	9.4	14.2

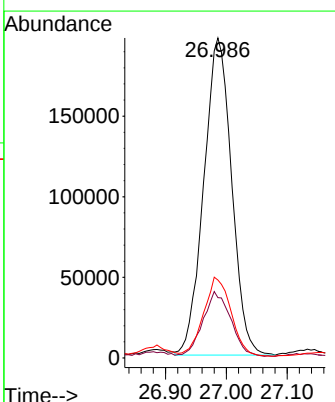
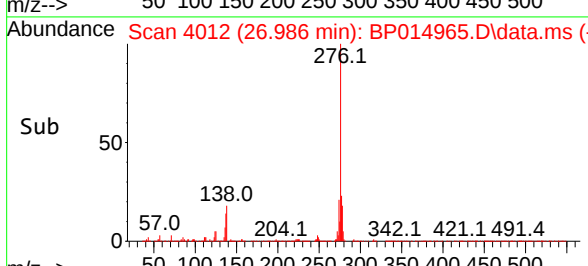
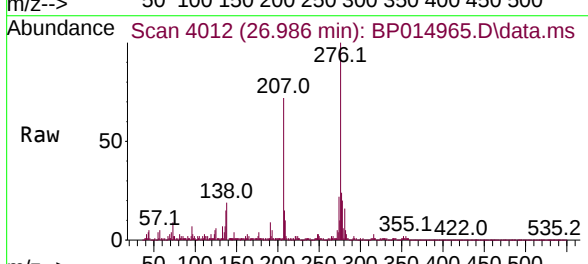
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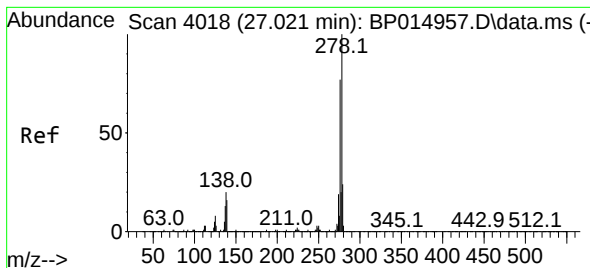


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 5.786 ng/ul
 RT: 26.986 min Scan# 4012
 Delta R.T. -0.012 min
 Lab File: BP014965.D
 Acq: 04 May 2023 22:14

Tgt Ion: 276 Resp: 625891

Ion	Ratio	Lower	Upper
276	100		
138	18.9	19.4	29.0#
277	24.3	19.4	29.2





#95

Dibenzo(a,h)anthracene

Concen: 1.774 ng/ul

RT: 26.998 min Scan# 4018

Delta R.T. -0.018 min

Lab File: BP014965.D

Acq: 04 May 2023 22:14

Instrument :

BNA_P

ClientSampleId :

EW940

Tgt Ion:278 Resp: 157229

Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3

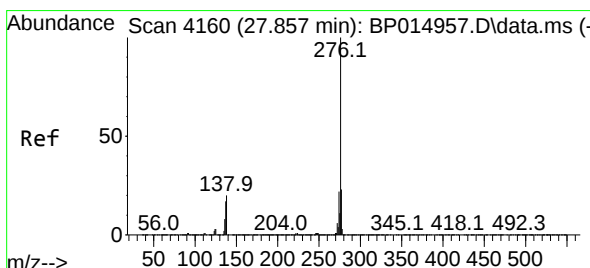
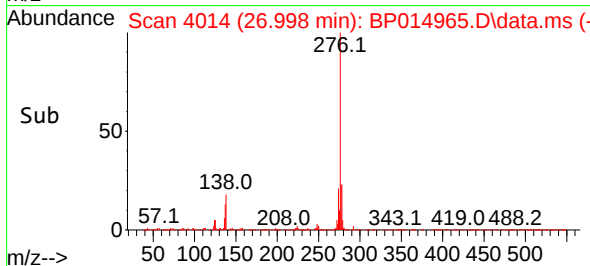
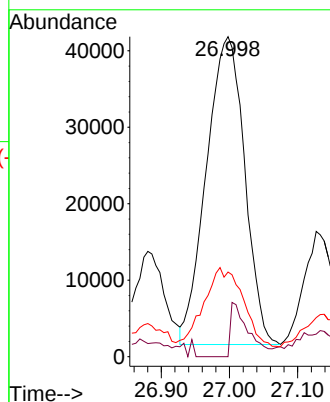
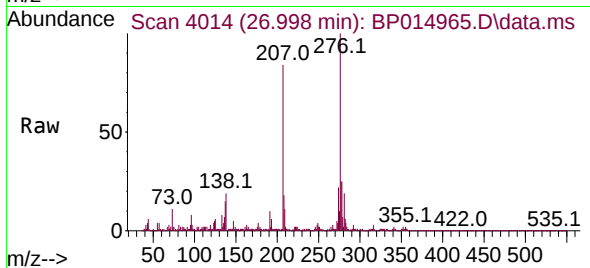
279 26.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#96

Benzo(g,h,i)perylene

Concen: 6.004 ng/ul

RT: 27.839 min Scan# 4157

Delta R.T. -0.006 min

Lab File: BP014965.D

Acq: 04 May 2023 22:14

Tgt Ion:276 Resp: 552716

Ion Ratio Lower Upper

276 100

138 19.7 18.0 27.0

277 23.3 19.8 29.8

