

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042723\
 Data File : BP014868.D
 Acq On : 27 Apr 2023 12:00
 Operator : CG/JU
 Sample : 02418-19DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z5DL

Quant Time: Apr 27 23:33:58 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	8.199	152	377676	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1672326	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	1064201	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	2249292	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	1515447	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1578855	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	3908	0.407	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.340	99	77791	2.266	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	60446	2.930	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	69480	2.741	ng/u1	0.00
15) 4-Methylphenol-d8	8.899	113	51090	1.853	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	35397	2.828	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	35938	2.793	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.640	165	75462	2.822	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	45232	1.179	ng/u1	0.00
46) Dimethylphthalate-d6	14.228	166	264049	3.198	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	302466	3.195	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	19544	1.299	ng/u1	0.00
60) Fluorene-d10	15.822	176	238229	3.389	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.681	188	360163	3.410	ng/u1	0.00
81) Pyrene-d10	19.892	212	403220	4.376	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	287817	3.516	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	9.028	105	53304	1.236	ng/u1	96
72) Phenanthrene	17.622	178	1130583	9.179	ng/u1	99
74) Anthracene	17.716	178	171801	1.383	ng/u1	99
80) Fluoranthene	19.569	202	1543289	14.213	ng/u1	99
82) Pyrene	19.922	202	1340814	11.939	ng/u1	98
83) Butylbenzylphthalate	20.775	149	57824	1.535	ng/u1	98
85) Benzo(a)anthracene	21.639	228	506051	4.800	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1918695	34.302	ng/u1	100
87) Chrysene	21.692	228	531840	5.322	ng/u1	98
90) Benzo(b)fluoranthene	23.451	252	695207	6.430	ng/u1	98
91) Benzo(k)fluoranthene	23.498	252	220949m	2.107	ng/u1	
93) Benzo(a)pyrene	24.139	252	445475	4.864	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	27.004	276	327804	3.174	ng/u1	97
96) Benzo(g,h,i)perylene	27.862	276	277369	3.390	ng/u1	99

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

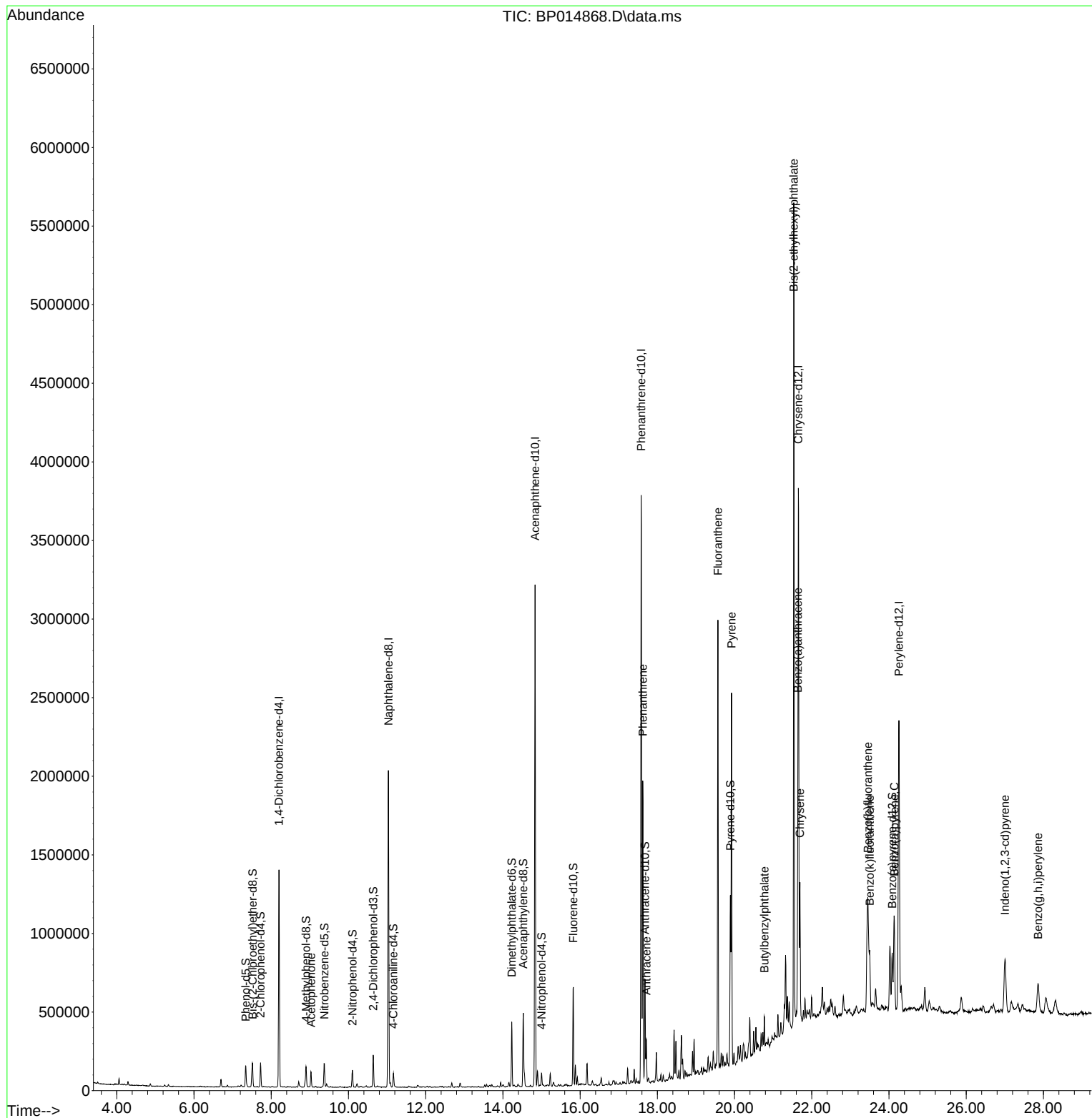
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042723\
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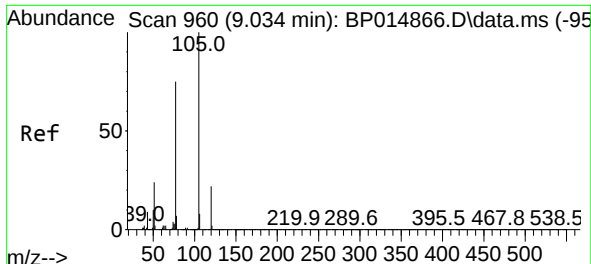
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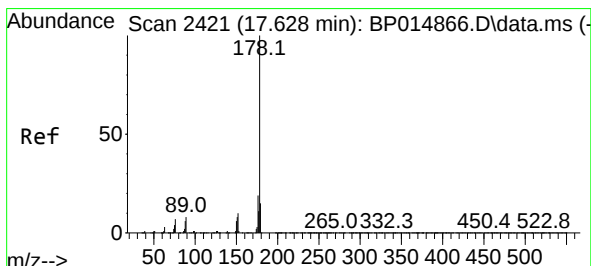
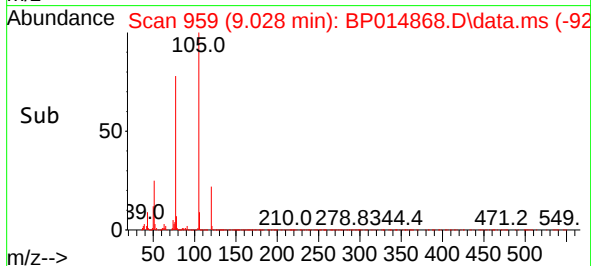
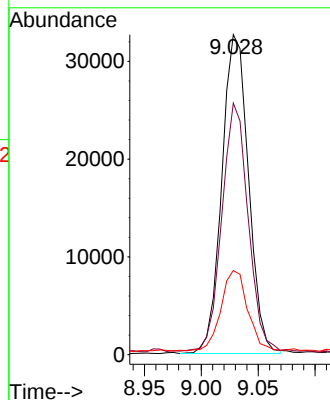
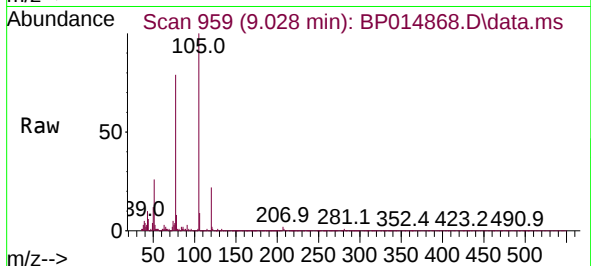
#16
Acetophenone
Concen: 1.236 ng/ul
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014868.D
Acq: 27 Apr 2023 12:00

Instrument :
BNA_P
ClientSampleId :
EW8Z5DL

Tgt Ion:105 Resp: 53304
Ion Ratio Lower Upper
105 100
77 78.6 59.8 89.8
51 26.3 19.6 29.4

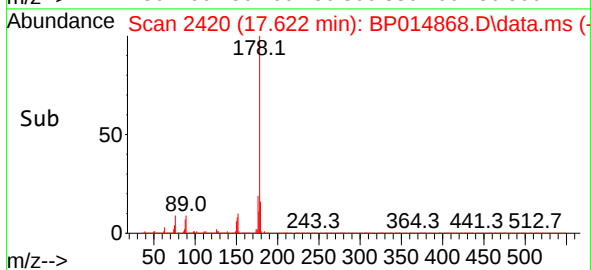
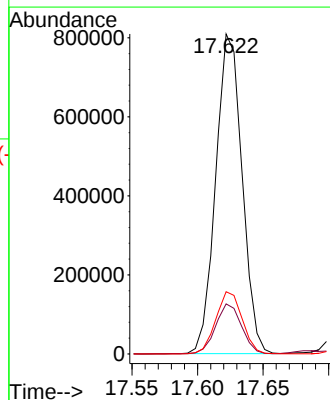
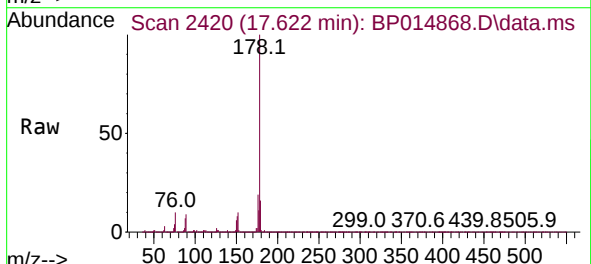
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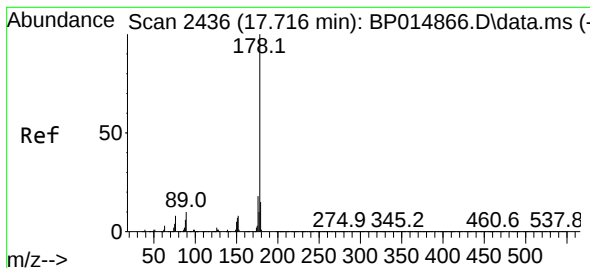
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#72
Phenanthrene
Concen: 9.179 ng/ul
RT: 17.622 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP014868.D
Acq: 27 Apr 2023 12:00

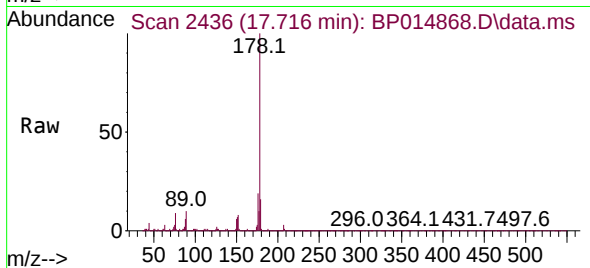
Tgt Ion:178 Resp: 1130583
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.5 15.7 23.5





#74
 Anthracene
 Concen: 1.383 ng/ul
 RT: 17.716 min Scan# 2436
 Delta R.T. 0.000 min
 Lab File: BP014868.D
 Acq: 27 Apr 2023 12:00

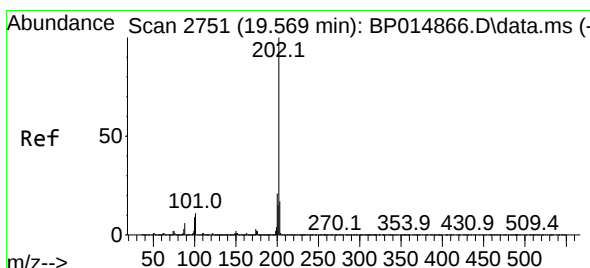
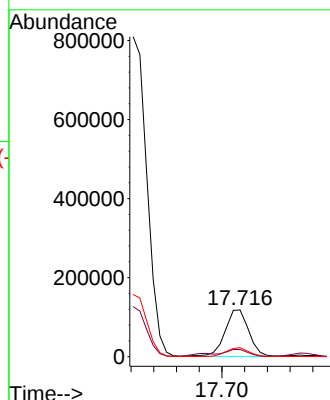
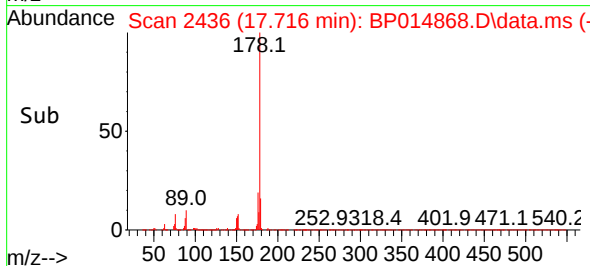
Instrument :
 BNA_P
 ClientSampleId :
 EW8Z5DL



Tgt Ion:178 Resp: 171800
 Ion Ratio Lower Upper
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 179 15.6 12.1 18.1
 176 19.1 14.9 22.3

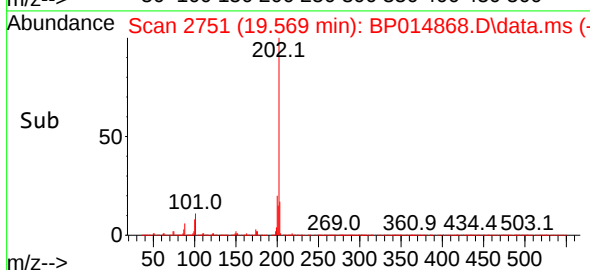
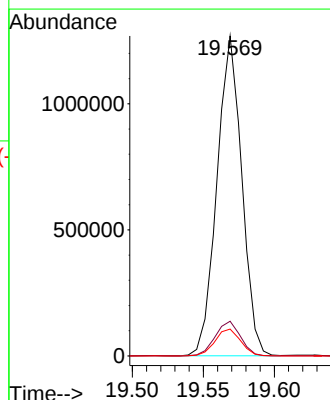
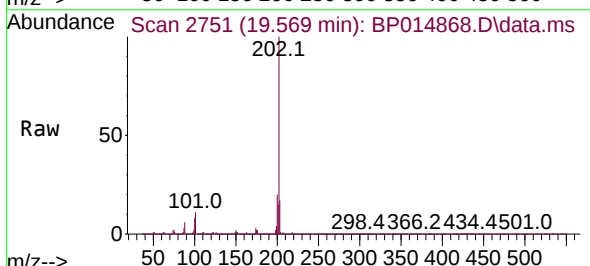
Manual Integrations
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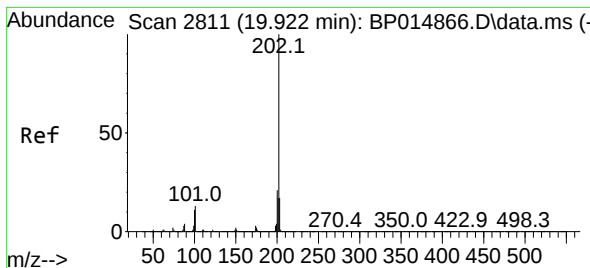
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#80
 Fluoranthene
 Concen: 14.213 ng/ul
 RT: 19.569 min Scan# 2751
 Delta R.T. 0.000 min
 Lab File: BP014868.D
 Acq: 27 Apr 2023 12:00

Tgt Ion:202 Resp: 1543289
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.1 13.7
 100 8.4 7.0 10.4





#82

Pyrene

Concen: 11.939 ng/ul

RT: 19.922 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

Instrument :

BNA_P

ClientSampleId :

EW8Z5DL

Tgt Ion:202 Resp: 1340814

Ion Ratio Lower Upper

202 100

101 12.8 11.1 16.7

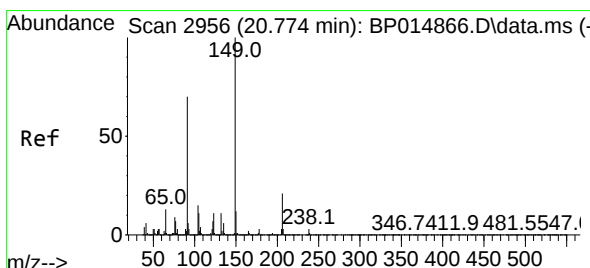
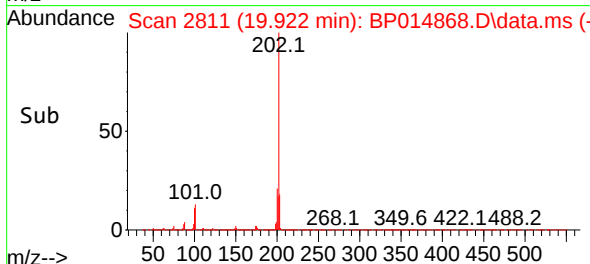
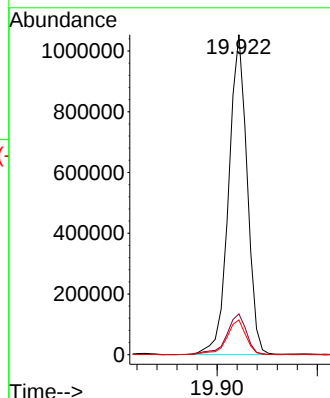
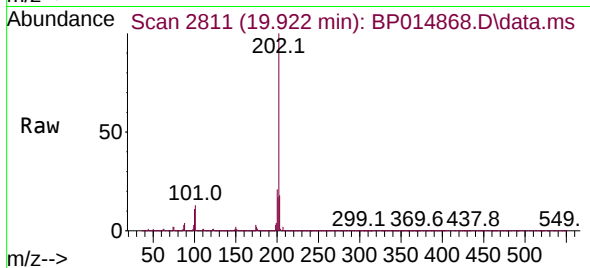
100 10.8 9.0 13.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#83

Butylbenzylphthalate

Concen: 1.535 ng/ul

RT: 20.775 min Scan# 2956

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

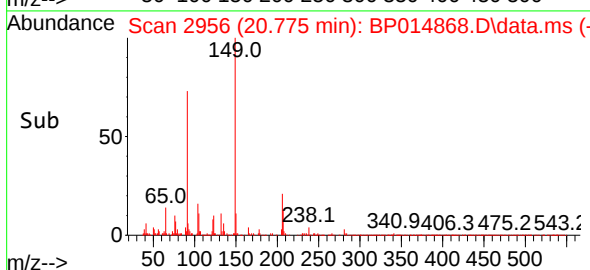
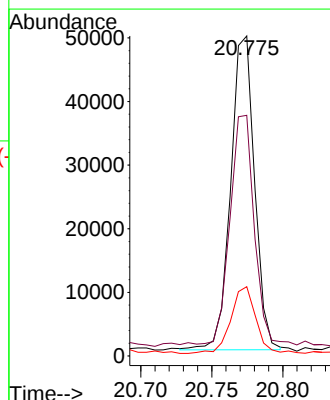
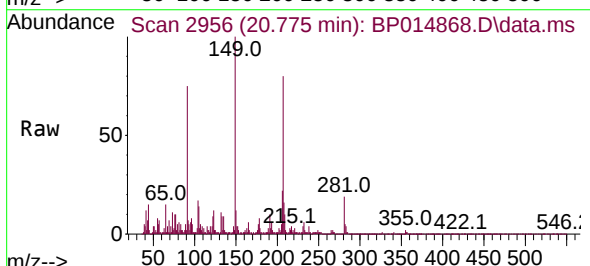
Tgt Ion:149 Resp: 57824

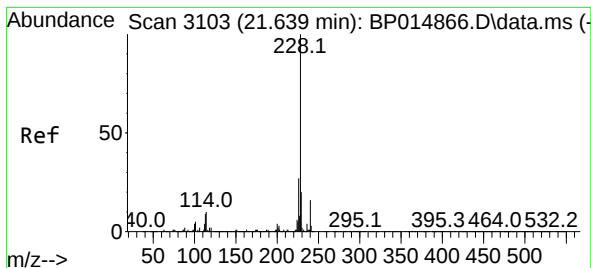
Ion Ratio Lower Upper

149 100

91 75.2 58.5 87.7

206 21.7 16.7 25.1





#85

Benzo(a)anthracene

Concen: 4.800 ng/ul

RT: 21.639 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

Instrument :

BNP_P

ClientSampleId :

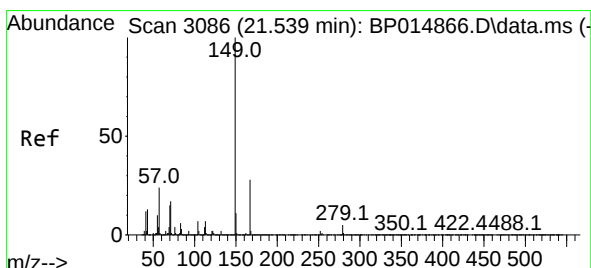
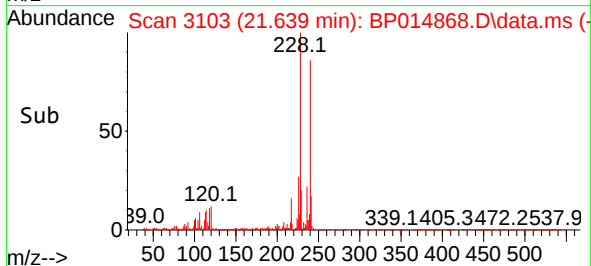
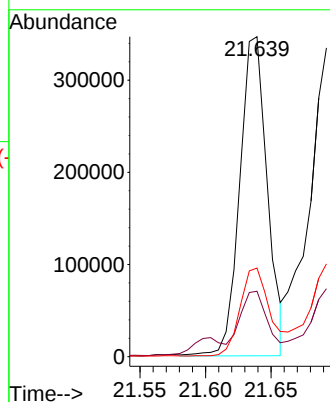
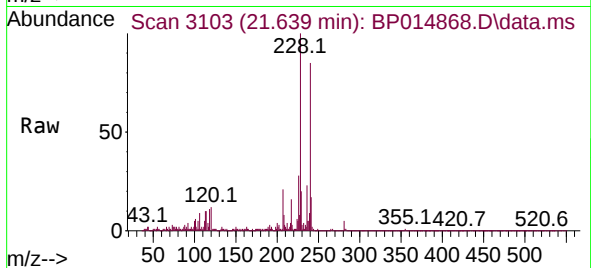
EW8Z5DL

Tgt Ion:	228	Resp:	50605
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.7	23.5
226	27.7	22.0	33.0

Manual Integrations

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



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.302 ng/ul

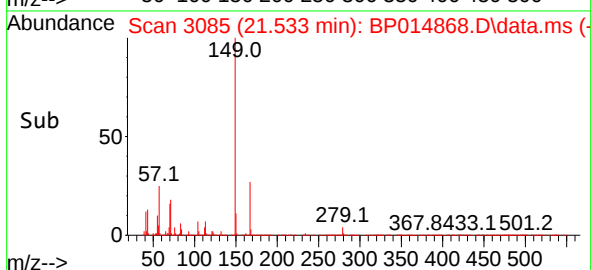
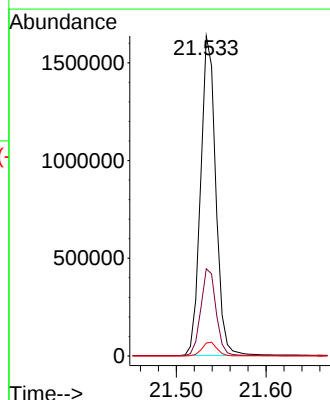
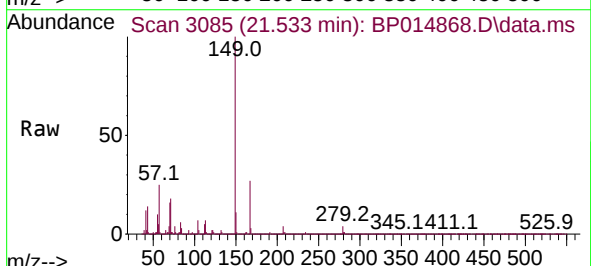
RT: 21.533 min Scan# 3085

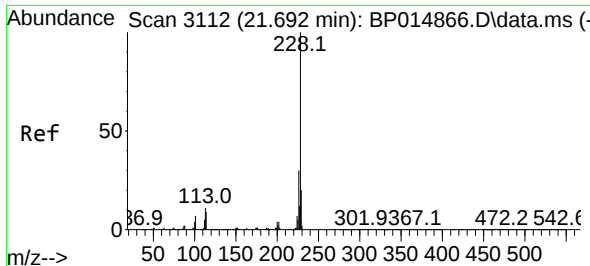
Delta R.T. -0.006 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

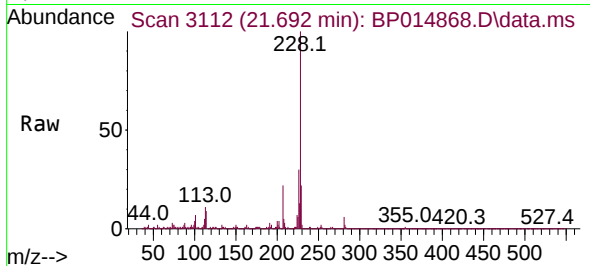
Tgt Ion:	149	Resp:	1918695
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.8	32.6
279	4.1	3.4	5.0





#87
Chrysene
Concen: 5.322 ng/ul
RT: 21.692 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP014868.D
Acq: 27 Apr 2023 12:00

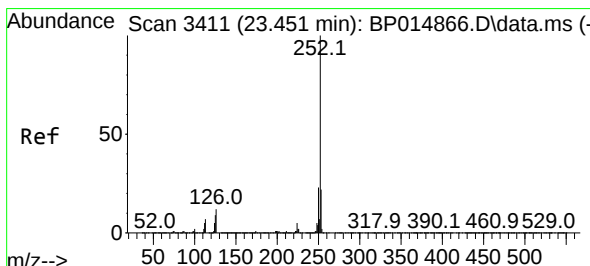
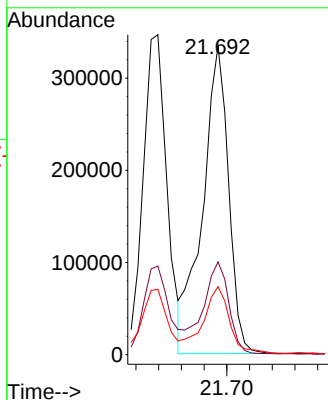
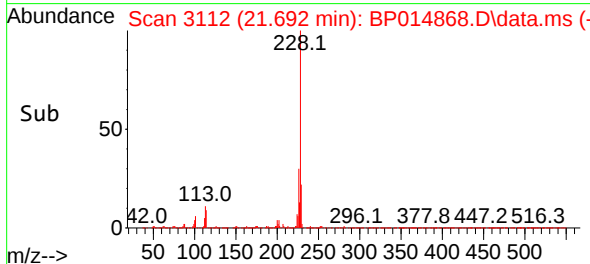
Instrument :
BNA_P
ClientSampleId :
EW8Z5DL



Tgt Ion:228 Resp: 531840
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 22.0 16.0 24.0

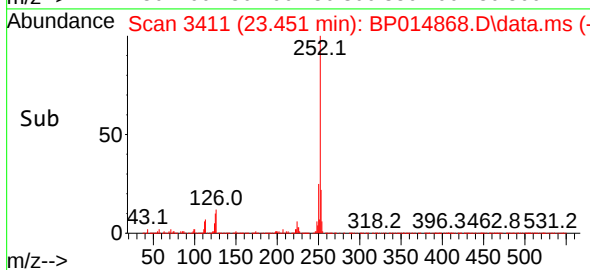
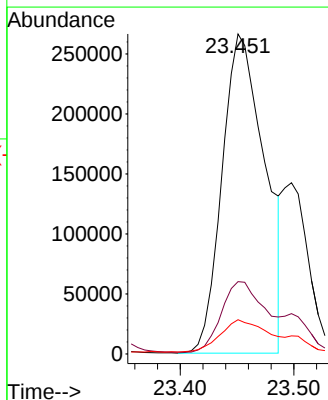
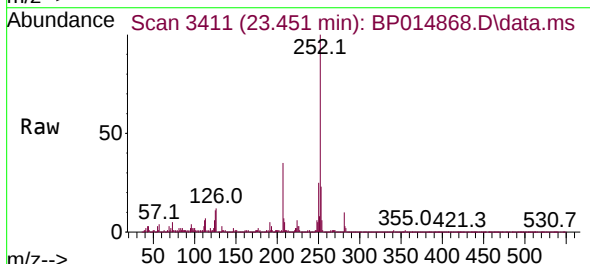
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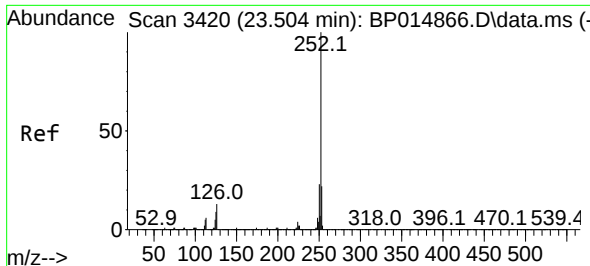
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#90
Benzo(b)fluoranthene
Concen: 6.430 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. 0.000 min
Lab File: BP014868.D
Acq: 27 Apr 2023 12:00

Tgt Ion:252 Resp: 695207
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.7 7.8 11.8





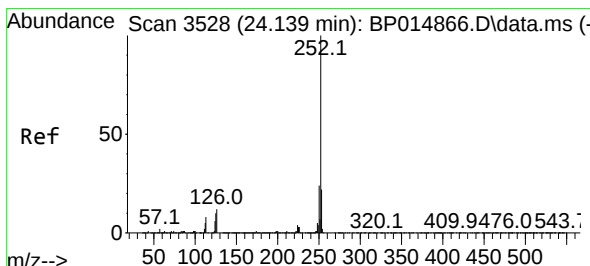
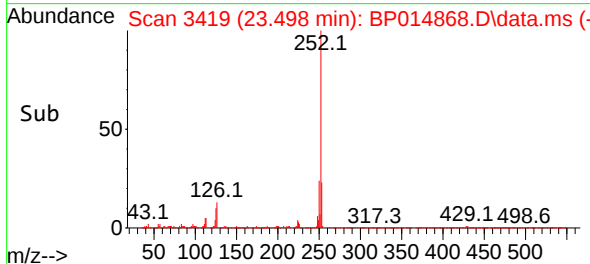
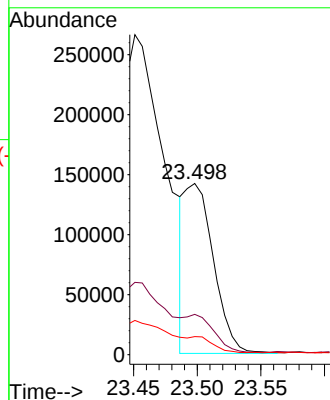
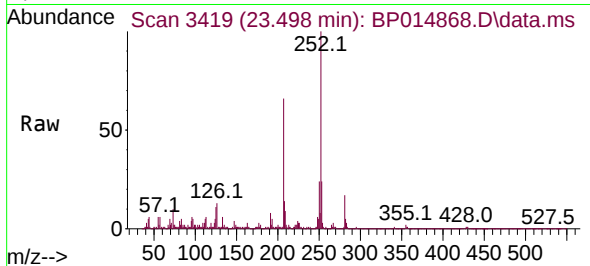
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Benzo(k)fluoranthene
Concen: 2.107 ng/ul m
RT: 23.498 min Scan# 3419
Delta R.T. -0.006 min
Lab File: BP014868.D
Acq: 27 Apr 2023 12:00

Instrument :
BNA_P
ClientSampleId :
EW8Z5DL

Tgt Ion:252 Resp: 220949
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 10.6 7.9 11.9

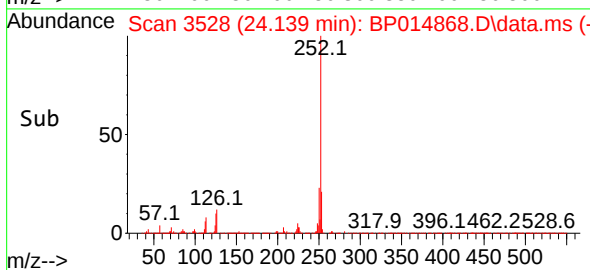
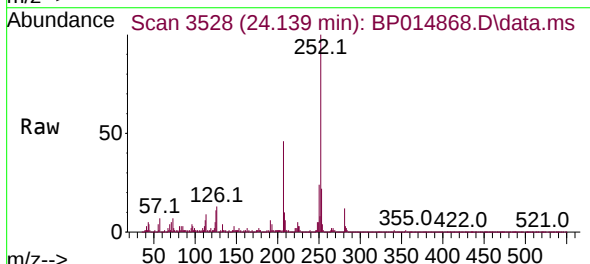
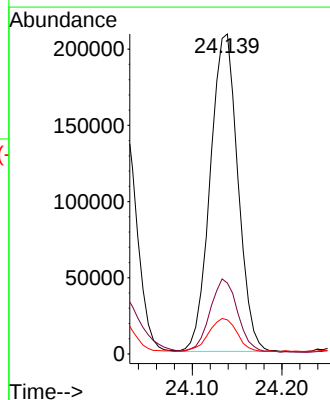
Manual Integrations
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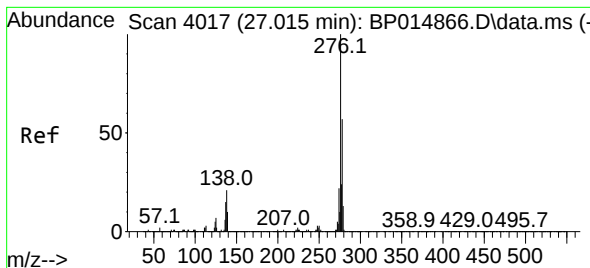
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#93
Benzo(a)pyrene
Concen: 4.864 ng/ul
RT: 24.139 min Scan# 3528
Delta R.T. 0.000 min
Lab File: BP014868.D
Acq: 27 Apr 2023 12:00

Tgt Ion:252 Resp: 445475
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.7 8.6 12.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.174 ng/ul

RT: 27.004 min Scan# 4017

Delta R.T. -0.012 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

Instrument :

BNA_P

ClientSampleId :

EW8Z5DL

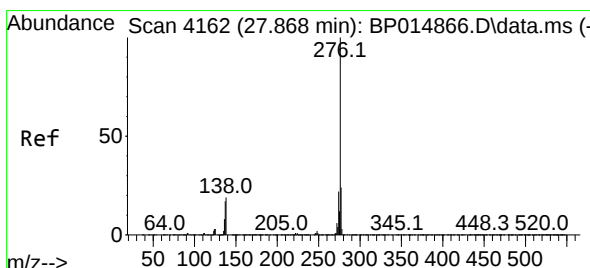
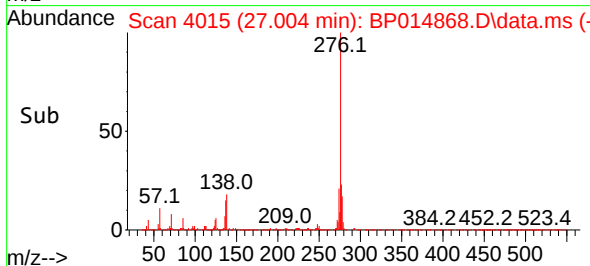
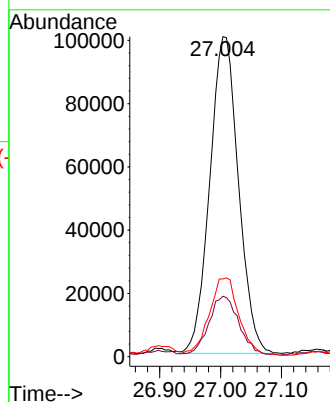
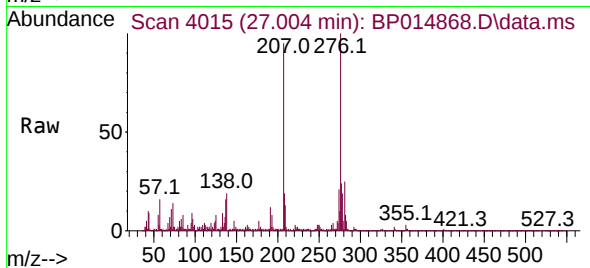
Tgt Ion:	276	Resp:	32780
Ion Ratio	Lower	Upper	
276	100		
138	18.9	17.7	26.5
277	24.3	19.6	29.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#96

Benzo(g,h,i)perylene

Concen: 3.390 ng/ul

RT: 27.862 min Scan# 4161

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

Tgt Ion:	276	Resp:	277369
Ion Ratio	Lower	Upper	
276	100		
138	20.0	16.2	24.2
277	24.1	18.9	28.3

