

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014952.D
 Acq On : 04 May 2023 15:00
 Operator : CG/JU
 Sample : 02447-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW907

Quant Time: May 05 00:01:39 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	8.169	152	264803	20.000	ng/u1	0.00
20) Naphthalene-d8	10.998	136	950792	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	511655	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1043922	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	1062676	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1321515	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	16934	2.378	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.310	99	237975	10.366	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	167311	11.791	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	168419	9.977	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	171265	9.680	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	93453	13.820	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	31022	4.468	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	65674	4.817	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	163830	8.308	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	489776	13.525	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	589691	13.578	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	273	0.043	ng/u1	0.01
60) Fluorene-d10	15.798	176	437588	14.046	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	83	0.014	ng/u1	0.00
73) Anthracene-d10	17.663	188	648594	13.828	ng/u1	0.00
81) Pyrene-d10	19.880	212	836916	11.677	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	951025	14.770	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.999	105	54916	1.898	ng/u1	97
72) Phenanthrene	17.610	178	151481	2.627	ng/u1	97
80) Fluoranthene	19.557	202	402794	4.580	ng/u1	100
82) Pyrene	19.910	202	361966	3.885	ng/u1	98
85) Benzo(a)anthracene	21.627	228	197345	2.782	ng/u1#	93
87) Chrysene	21.686	228	212398	2.974	ng/u1#	93
90) Benzo(b)fluoranthene	23.445	252	306201	3.585	ng/u1#	82
91) Benzo(k)fluoranthene	23.492	252	108423m	1.247	ng/u1	
93) Benzo(a)pyrene	24.133	252	203158	2.712	ng/u1#	80
94) Indeno(1,2,3-cd)pyrene	26.992	276	160957	1.762	ng/u1	98
96) Benzo(g,h,i)perylene	27.850	276	155781	2.003	ng/u1	98

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

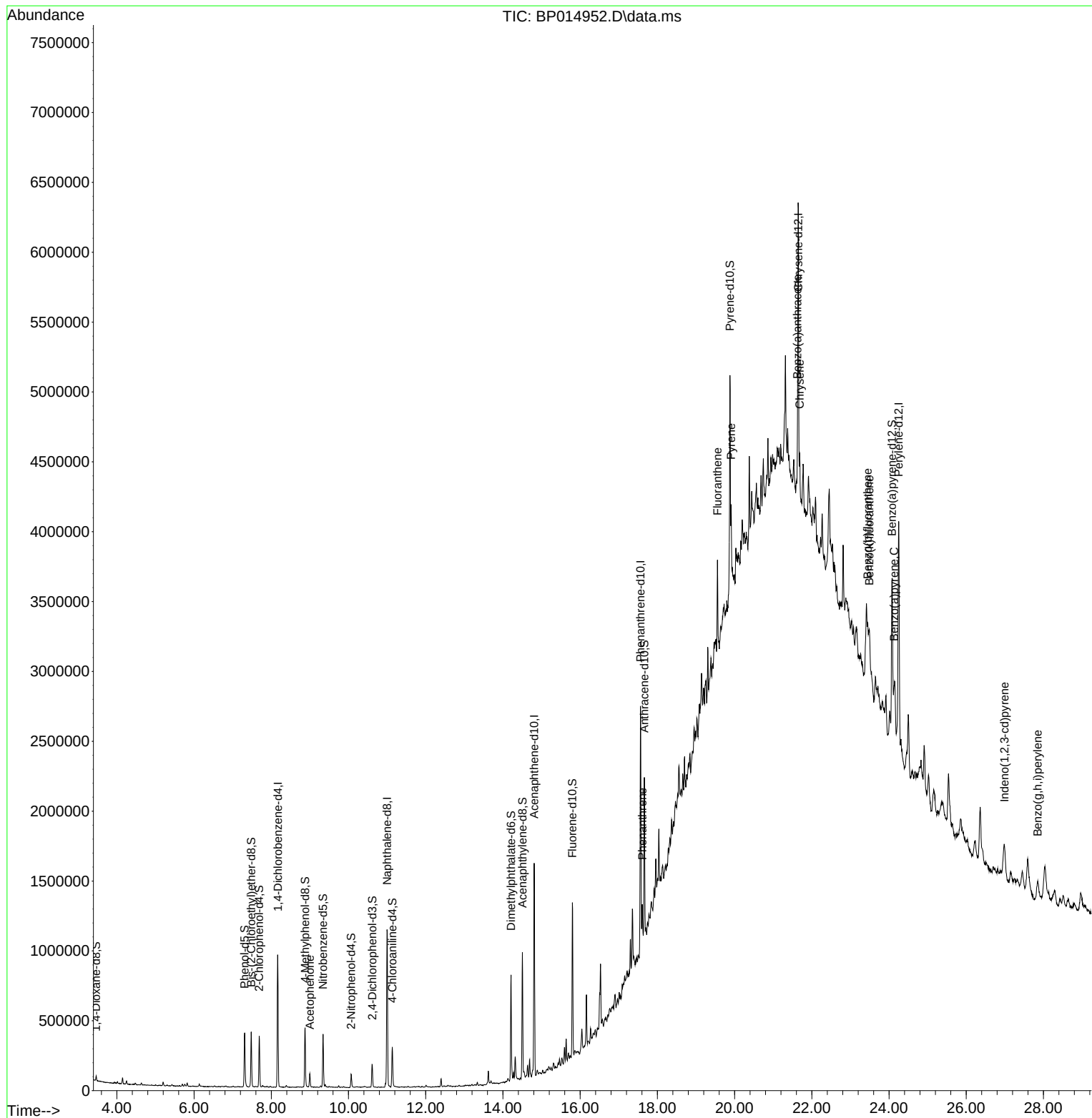
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014952.D
Acq On : 04 May 2023 15:00
Operator : CG/JU
Sample : 02447-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

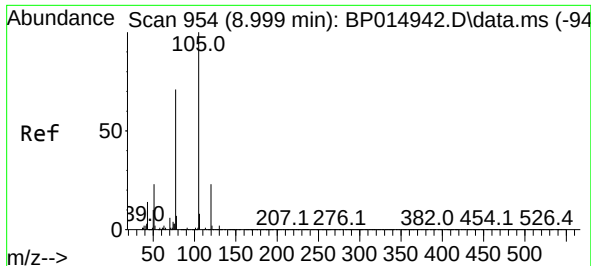
Instrument :
BNA_P
ClientSampleId :
EW907

Quant Time: May 05 00:01:39 2023
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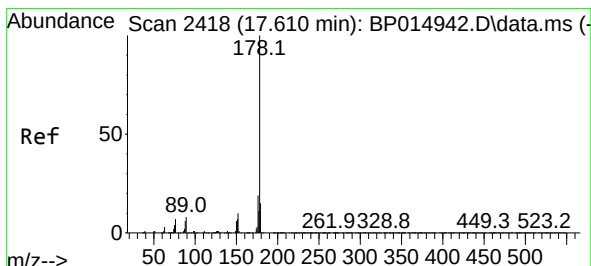
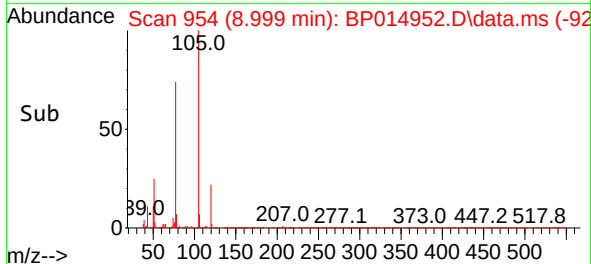
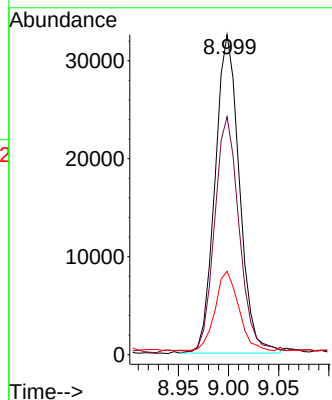
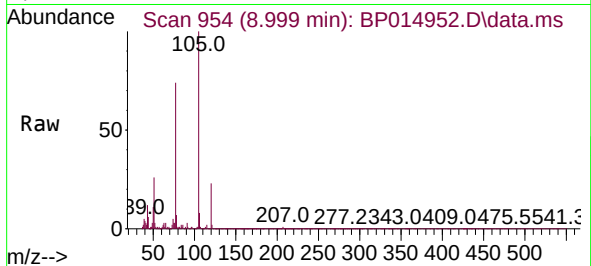
#16
Acetophenone
Concen: 1.898 ng/ul
RT: 8.999 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP014952.D
Acq: 04 May 2023 15:00

Instrument :
BNA_P
ClientSampleId :
EW907

Tgt Ion:	105	Resp:	54910
Ion Ratio	Lower	Upper	
105	100		
77	74.3	61.2	91.8
51	26.0	19.4	29.2

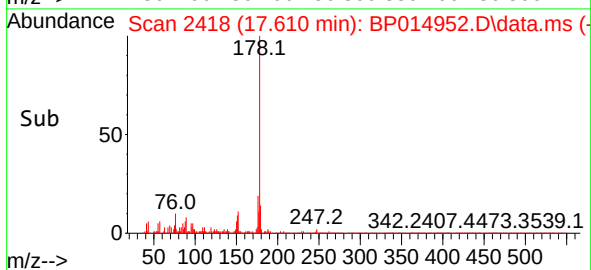
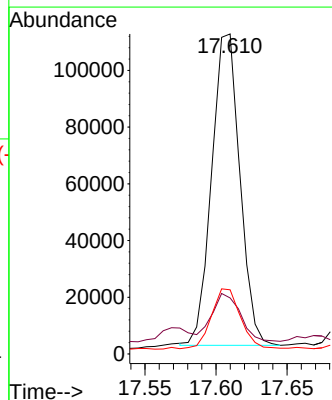
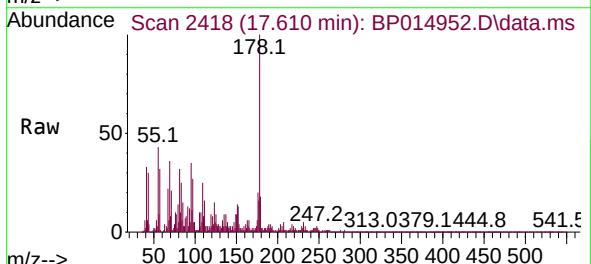
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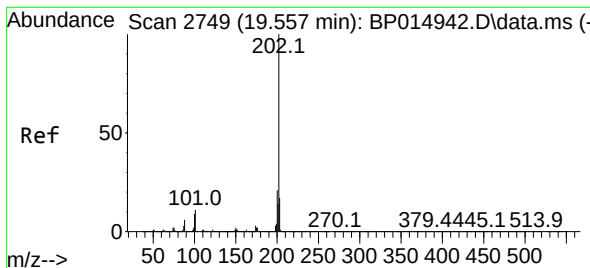
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#72
Phenanthrene
Concen: 2.627 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP014952.D
Acq: 04 May 2023 15:00

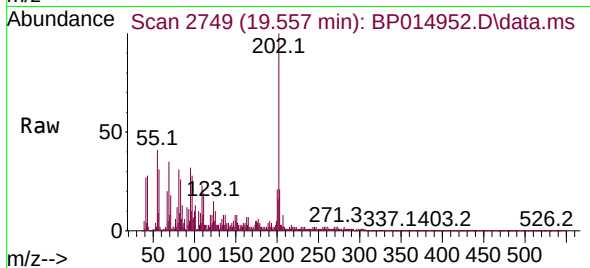
Tgt Ion:	178	Resp:	151481
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.2	18.4
176	20.1	15.4	23.0





#80
Fluoranthene
Concen: 4.580 ng/u1
RT: 19.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014952.D
Acq: 04 May 2023 15:00

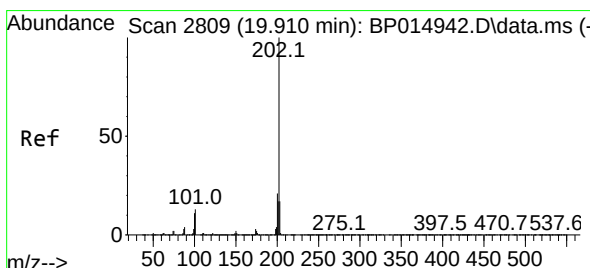
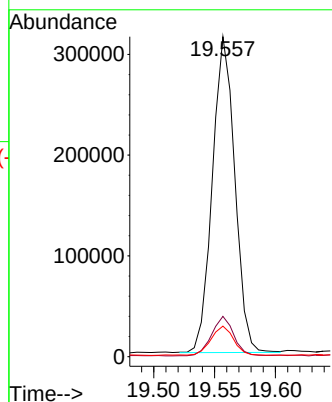
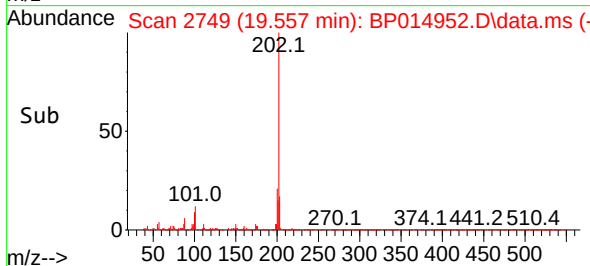
Instrument :
BNA_P
ClientSampleId :
EW907



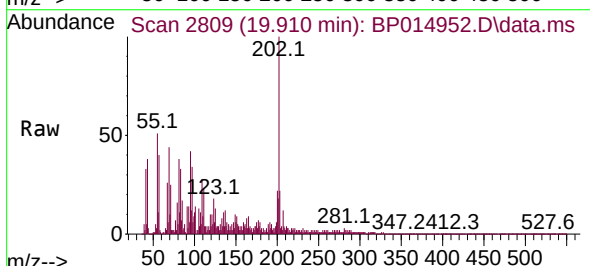
Tgt Ion:202 Resp: 402794
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.6 7.7 11.5

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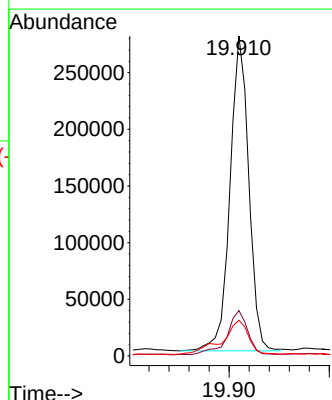
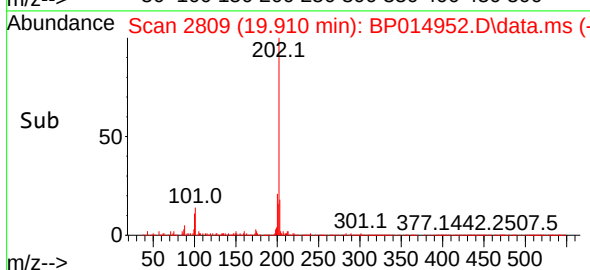
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

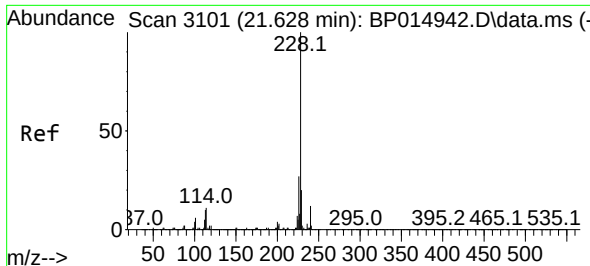


#82
Pyrene
Concen: 3.885 ng/u1
RT: 19.910 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BP014952.D
Acq: 04 May 2023 15:00



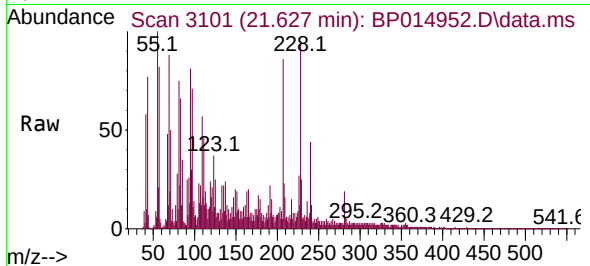
Tgt Ion:202 Resp: 361966
Ion Ratio Lower Upper
202 100
101 14.2 11.9 17.9
100 11.2 9.7 14.5





#85
Benzo(a)anthracene
Concen: 2.782 ng/ul
RT: 21.627 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP014952.D
Acq: 04 May 2023 15:00

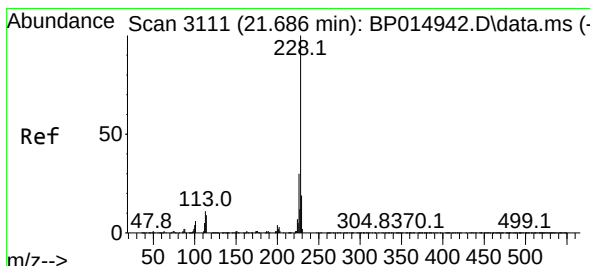
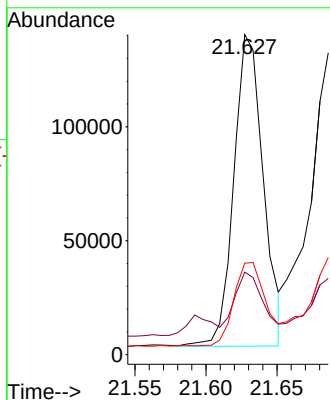
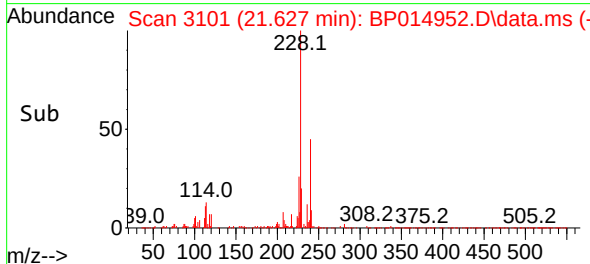
Instrument :
BNA_P
ClientSampleId :
EW907



Tgt Ion:228 Resp: 197349
Ion Ratio Lower Upper
228 100
229 25.8 15.9 23.9
226 28.6 22.1 33.1

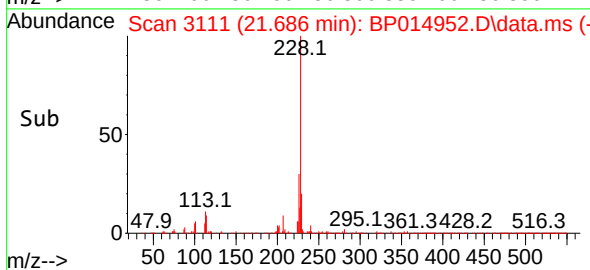
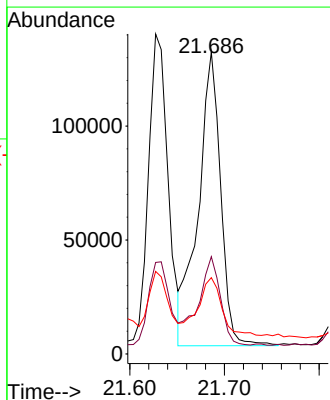
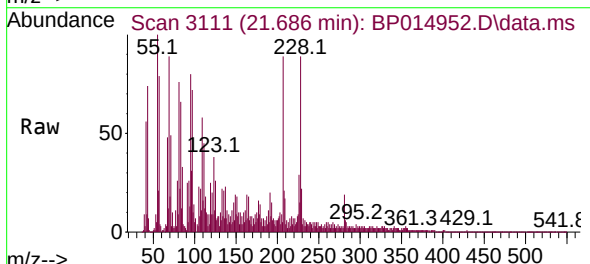
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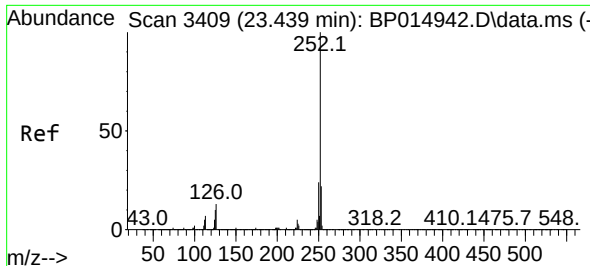
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#87
Chrysene
Concen: 2.974 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014952.D
Acq: 04 May 2023 15:00

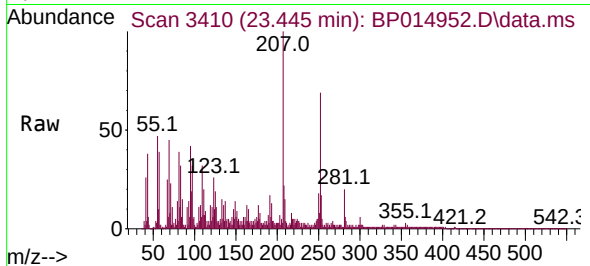
Tgt Ion:228 Resp: 212398
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 25.3 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 3.585 ng/ul
RT: 23.445 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP014952.D
Acq: 04 May 2023 15:00

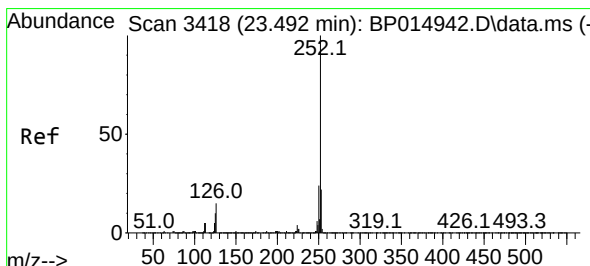
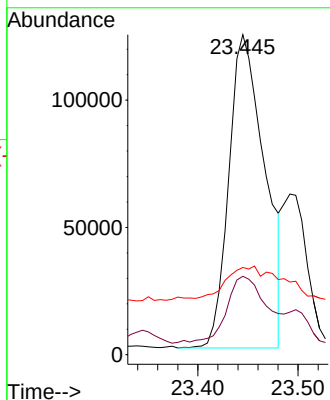
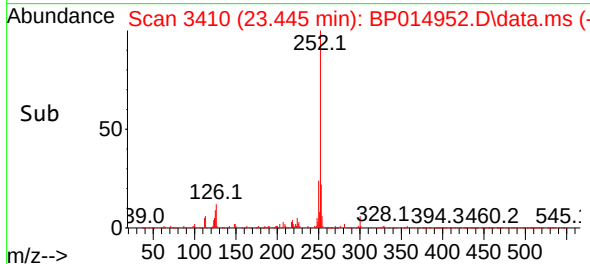
Instrument :
BNA_P
ClientSampleId :
EW907



Tgt Ion:252 Resp: 30620
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.2
125 27.3 8.4 12.6

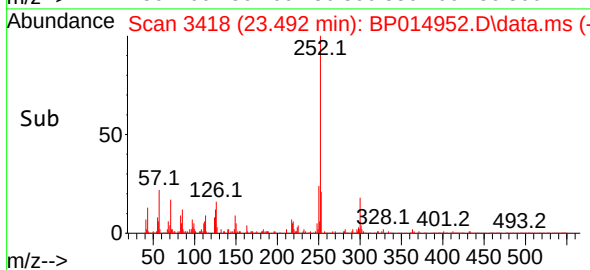
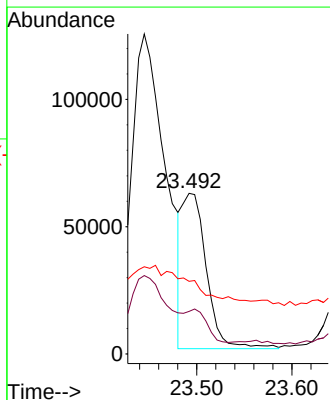
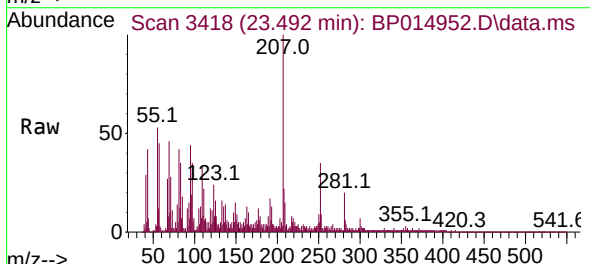
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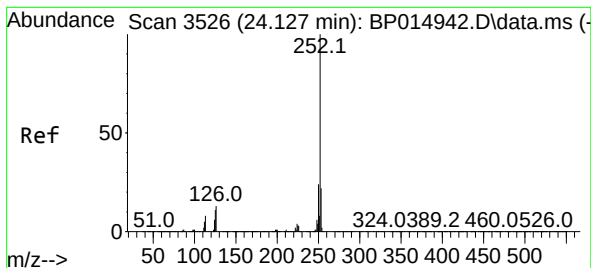
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#91
Benzo(k)fluoranthene
Concen: 1.247 ng/ul m
RT: 23.492 min Scan# 3418
Delta R.T. -0.000 min
Lab File: BP014952.D
Acq: 04 May 2023 15:00

Tgt Ion:252 Resp: 108423
Ion Ratio Lower Upper
252 100
253 26.5 17.8 26.6
125 45.2 8.9 13.3





#93

Benzo(a)pyrene

Concen: 2.712 ng/ul

RT: 24.133 min Scan# 3526

Delta R.T. 0.006 min

Lab File: BP014952.D

Acq: 04 May 2023 15:00

Instrument :

BNA_P

ClientSampleId :

EW907

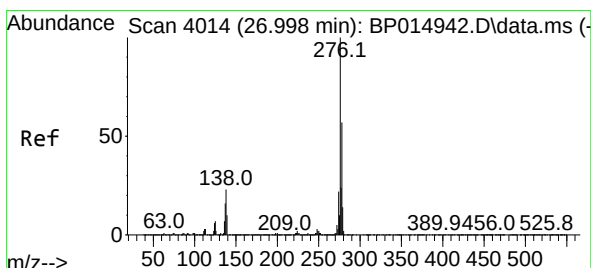
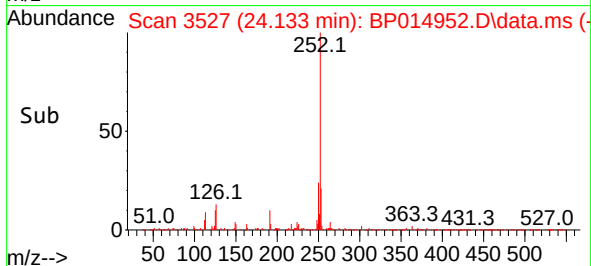
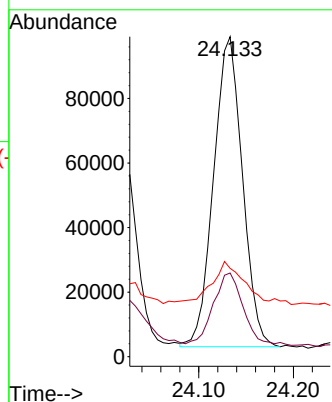
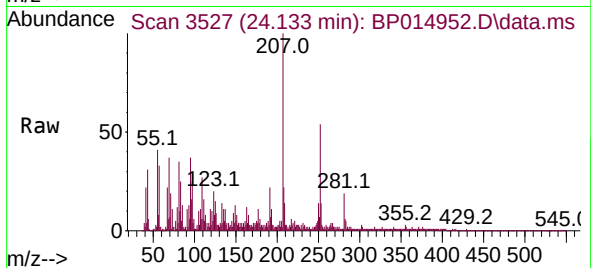
Tgt Ion:	252	Resp:	20315
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.5	26.3
125	27.6	9.4	14.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.762 ng/ul

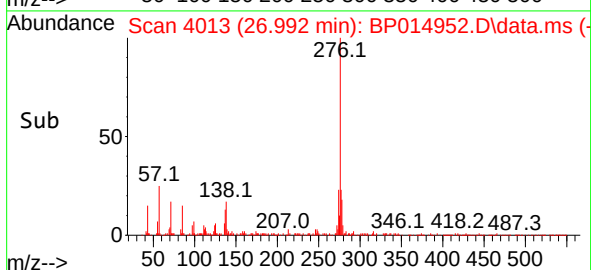
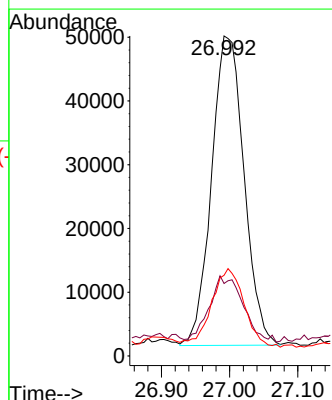
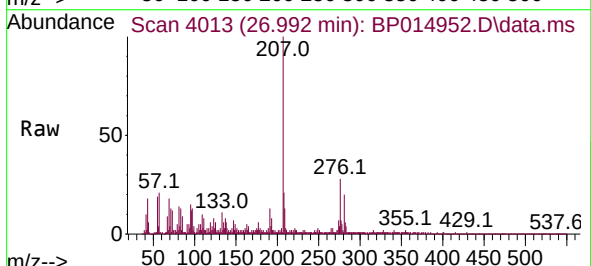
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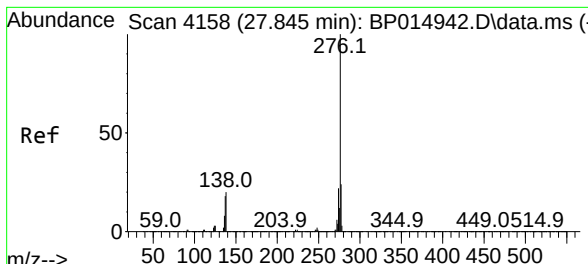
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Lab File: BP014952.D

Acq: 04 May 2023 15:00

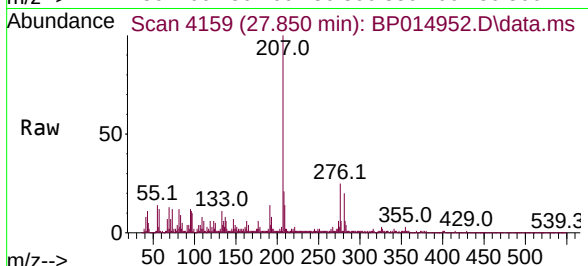
Tgt Ion:	276	Resp:	160957
Ion Ratio	Lower	Upper	
276	100		
138	22.6	19.4	29.0
277	25.2	19.4	29.2





#96
 Benzo(g,h,i)perylene
 Concen: 2.003 ng/ul
 RT: 27.850 min Scan# 4158
 Delta R.T. 0.006 min
 Lab File: BP014952.D
 Acq: 04 May 2023 15:00

Instrument :
 BNA_P
 ClientSampleId :
 EW907



Tgt Ion: 276 Resp: 15578
 Ion Ratio Lower Upper
 276 100
 138 23.4 18.0 27.0
 277 26.1 19.8 29.8

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