

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013017.D
 Acq On : 09 Dec 2022 14:32
 Operator : CG/JU
 Sample : N5896-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXM6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 21:53:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	552378	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2435647	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	1639728	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	3697954	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3322579	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3128092	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	52250	4.044	ng/uL	0.00
4) Pyridine-d5	3.781	84	526449	14.345	ng/u1	0.00
7) Phenol-d5	7.128	99	1035500	23.015	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	656345	24.183	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	862281	24.345	ng/u1	-0.01
15) 4-Methylphenol-d8	8.675	113	847585	22.991	ng/u1	-0.01
21) Nitrobenzene-d5	9.140	128	439319	24.549	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	502081	24.921	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	908790	23.224	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	1100119	19.914	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	3155821	25.042	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	3413993	24.654	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	379216	16.729	ng/u1	-0.01
60) Fluorene-d10	15.604	176	2723790	25.548	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	430840	18.105	ng/u1	0.00
73) Anthracene-d10	17.469	188	4322445	25.909	ng/u1	0.00
81) Pyrene-d10	19.698	212	5240451	27.478	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	4213192	27.022	ng/u1	0.00
Target Compounds					Qvalue	
74) Anthracene	17.504	178	389000	2.023	ng/u1	99
80) Fluoranthene	19.369	202	1035310	4.783	ng/u1	99
82) Pyrene	19.727	202	1616883	7.241	ng/u1	99
85) Benzo(a)anthracene	21.439	228	858439	3.892	ng/u1	98
87) Chrysene	21.492	228	1619937	7.766	ng/u1	99
90) Benzo(b)fluoranthene	23.186	252	2429827	12.181	ng/u1	99
91) Benzo(k)fluoranthene	23.227	252	719415m	3.637	ng/u1	
93) Benzo(a)pyrene	23.833	252	1020853	5.878	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.545	276	545187	2.520	ng/u1	97
96) Benzo(g,h,i)perylene	27.345	276	398891	2.297	ng/u1	98

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

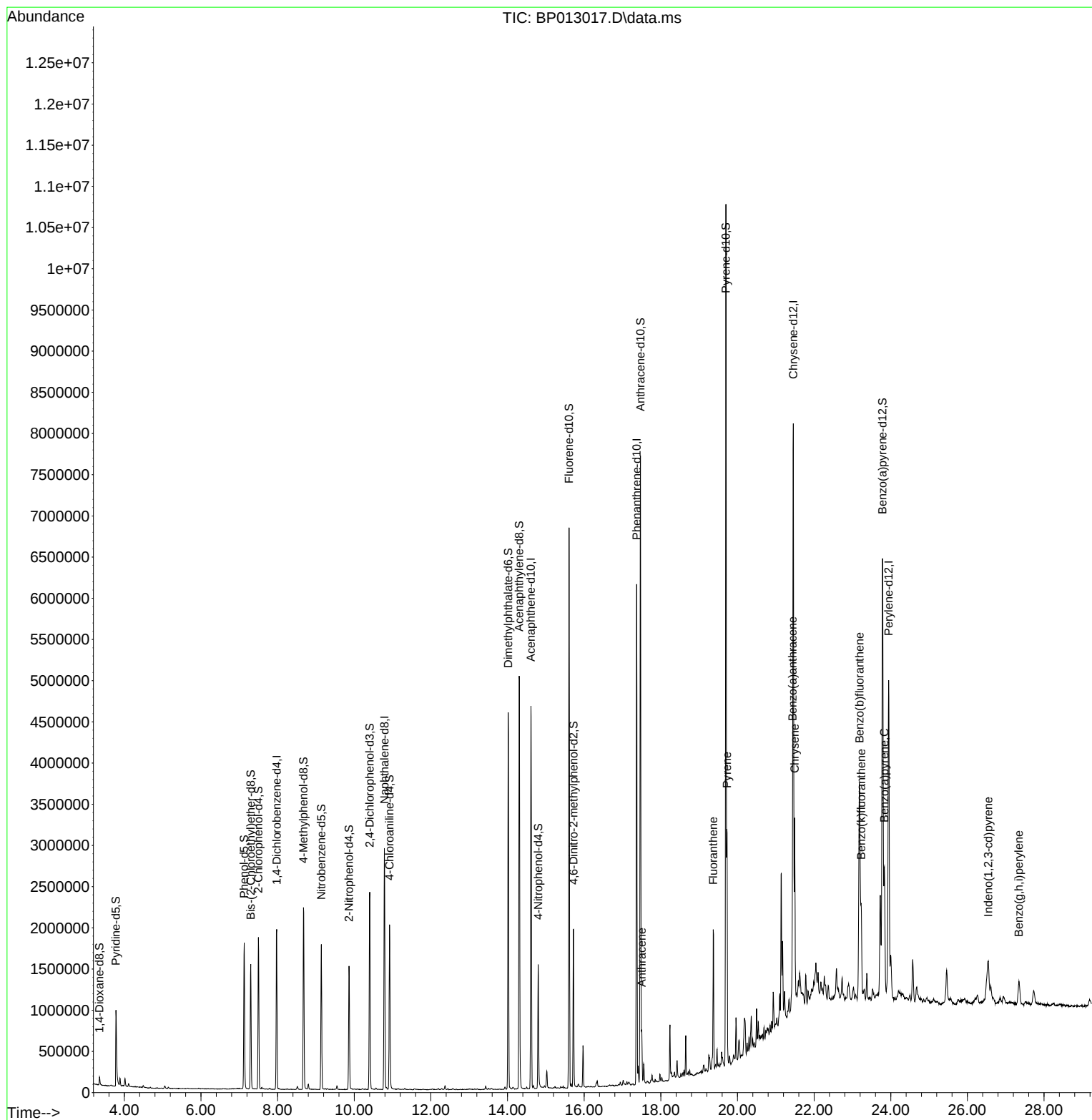
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
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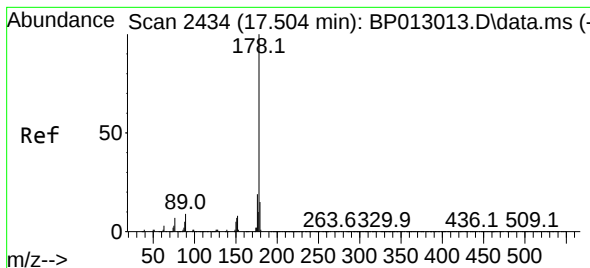
Instrument :
 BNA_P
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Quant Time: Dec 09 21:53:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
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#74

Anthracene

Concen: 2.023 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP013017.D

Acq: 09 Dec 2022 14:32

Instrument :

BNA_P

ClientSampleId :

DBXM6

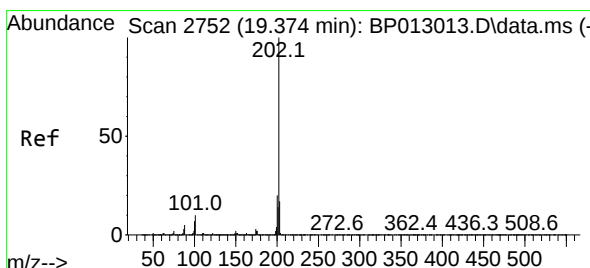
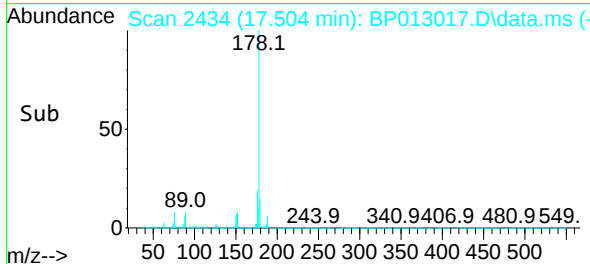
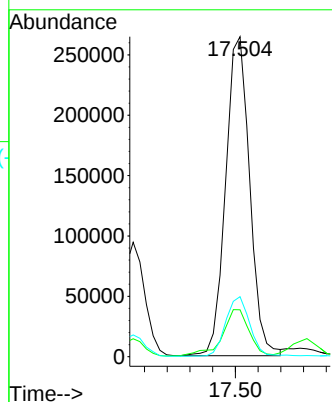
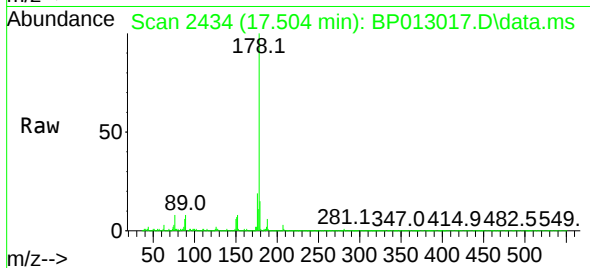
Tgt Ion:178 Resp: 389000

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.5	18.7
176	18.8	14.8	22.2

Manual Integrations

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#80

Fluoranthene

Concen: 4.783 ng/ul

RT: 19.369 min Scan# 2751

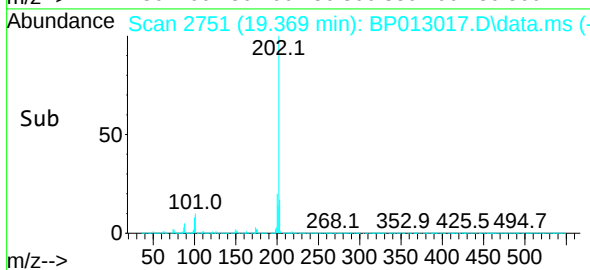
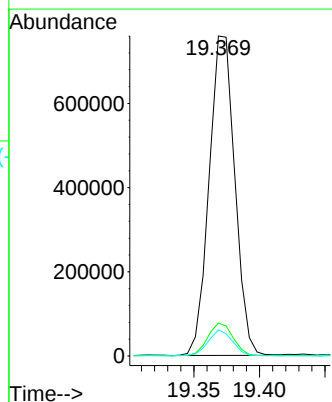
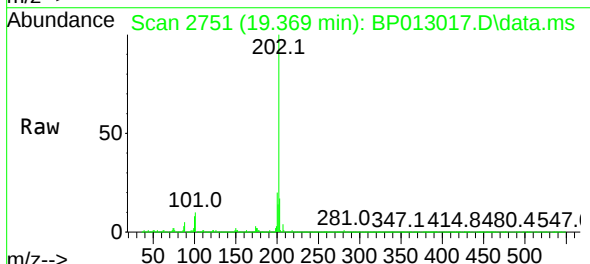
Delta R.T. -0.006 min

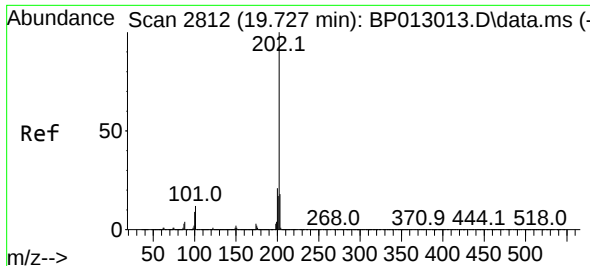
Lab File: BP013017.D

Acq: 09 Dec 2022 14:32

Tgt Ion:202 Resp: 1035310

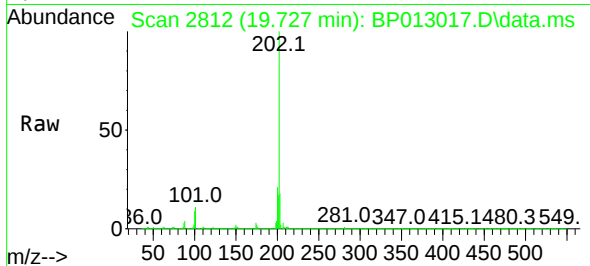
Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.2
100	8.2	6.1	9.1





#82
Pyrene
Concen: 7.241 ng/ul
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32

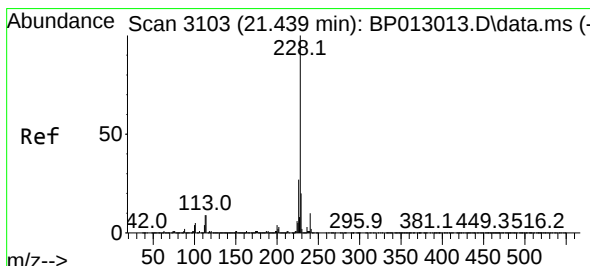
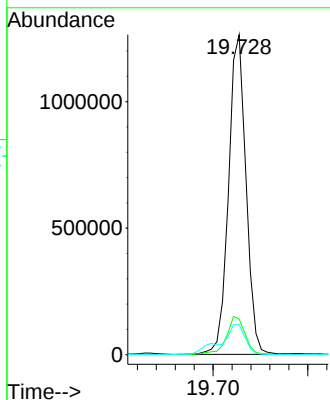
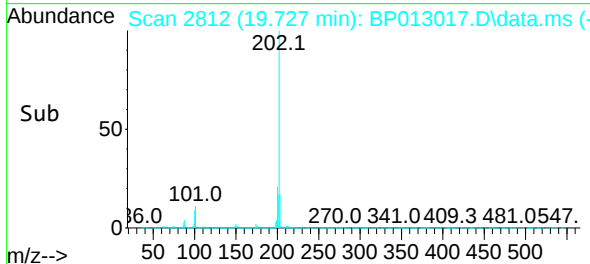
Instrument :
BNA_P
ClientSampleId :
DBXM6



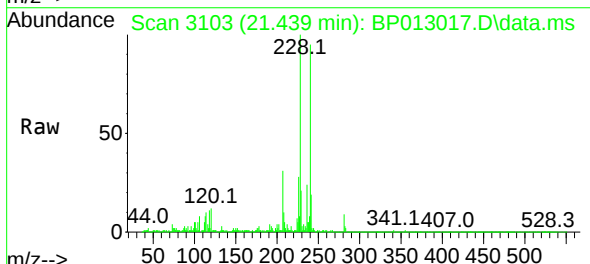
Tgt Ion:202 Resp: 161688
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.2
100 9.3 7.8 11.8

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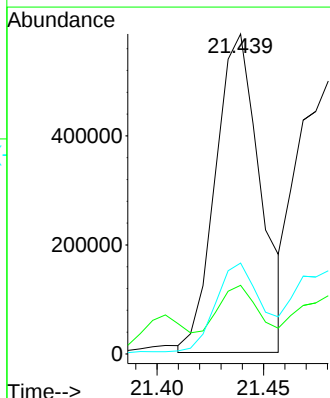
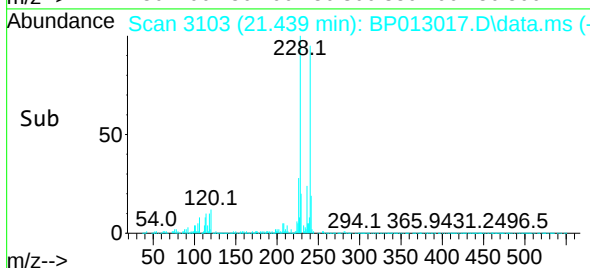
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

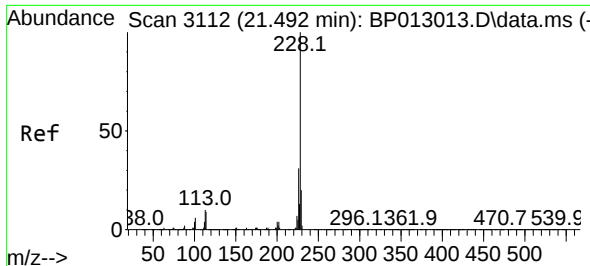


#85
Benzo(a)anthracene
Concen: 3.892 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32



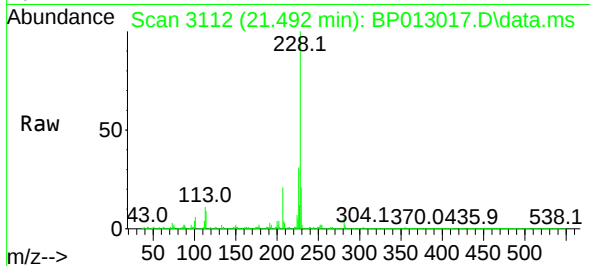
Tgt Ion:228 Resp: 858439
Ion Ratio Lower Upper
228 100
229 21.4 16.1 24.1
226 28.4 22.0 33.0





#87
Chrysene
Concen: 7.766 ng/u1
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32

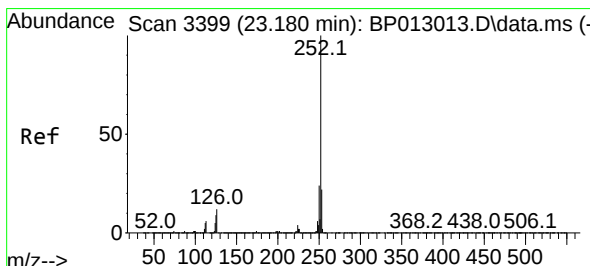
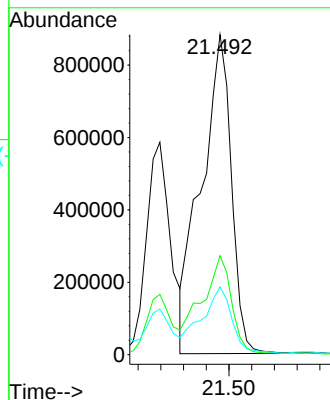
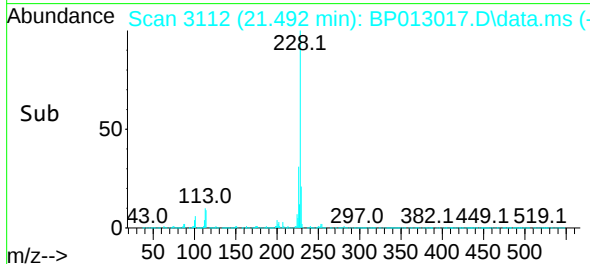
Instrument :
BNA_P
ClientSampleId :
DBXM6



Tgt Ion:228 Resp: 161993
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 21.2 16.0 24.0

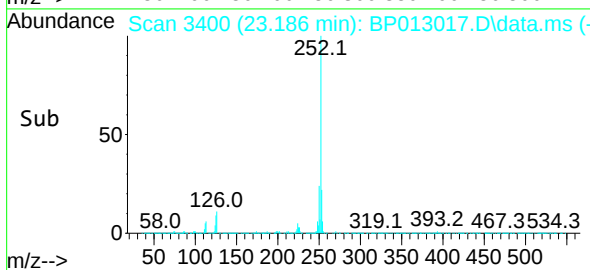
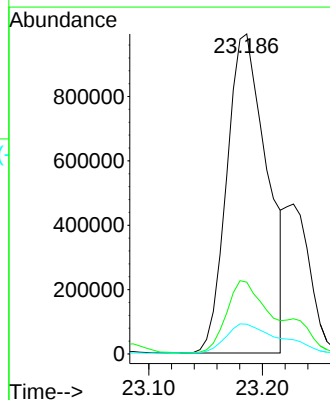
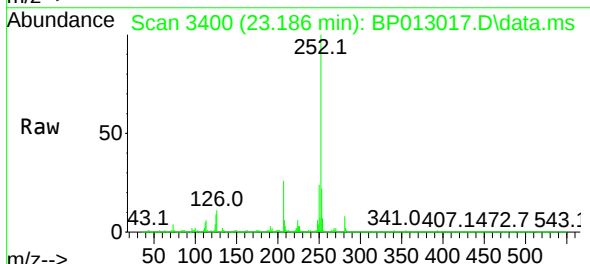
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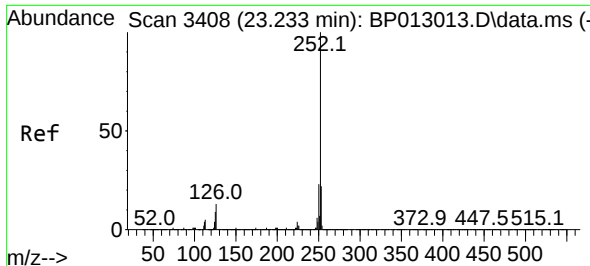
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#90
Benzo(b)fluoranthene
Concen: 12.181 ng/u1
RT: 23.186 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32

Tgt Ion:252 Resp: 2429827
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.3 6.8 10.2





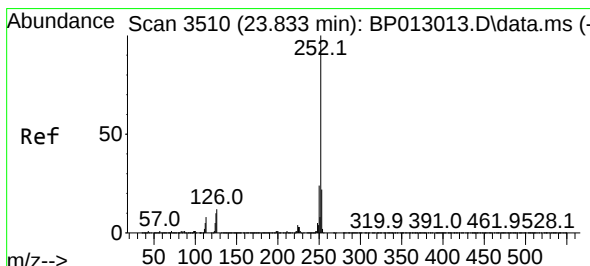
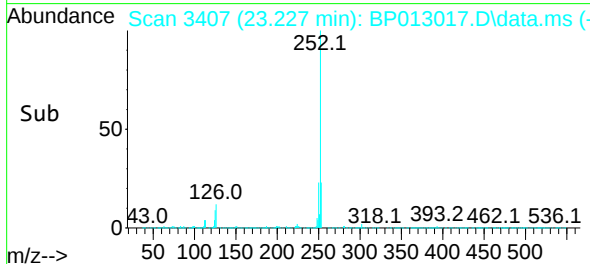
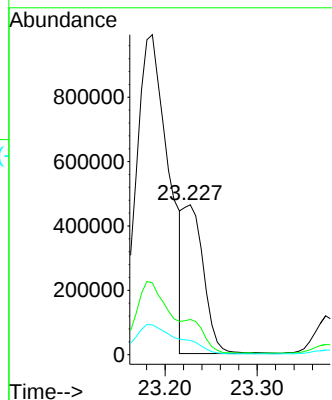
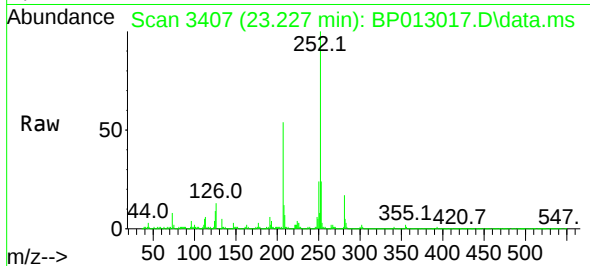
#91
Benzo(k)fluoranthene
Concen: 3.637 ng/ul m
RT: 23.227 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32

Instrument :
BNA_P
ClientSampleId :
DBXM6

Tgt Ion:252 Resp: 719415
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 9.5 6.8 10.2

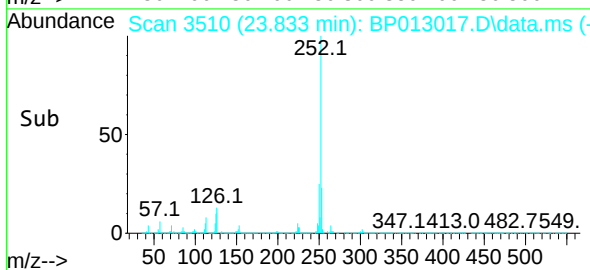
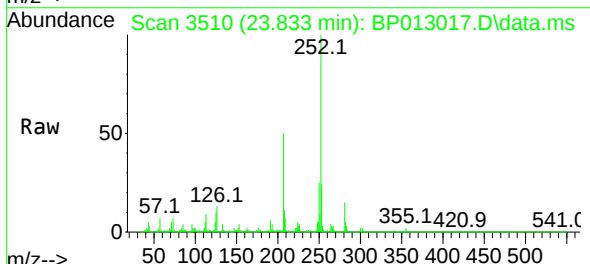
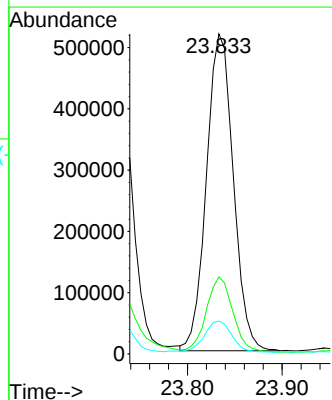
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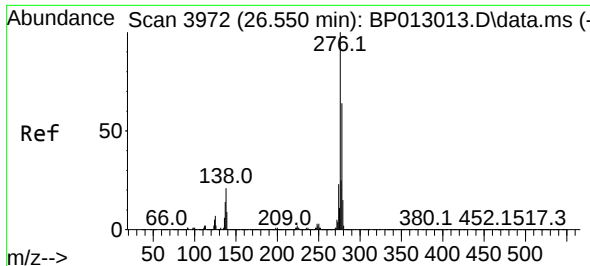
Reviewed By :Jagrut Upadhyay 12/10/2022
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#93
Benzo(a)pyrene
Concen: 5.878 ng/ul
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32

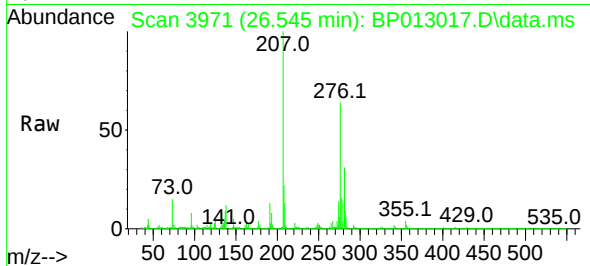
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Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 10.3 7.5 11.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.520 ng/ul
RT: 26.545 min Scan# 3972
Delta R.T. -0.012 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32

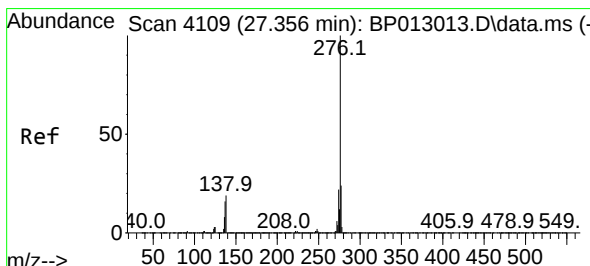
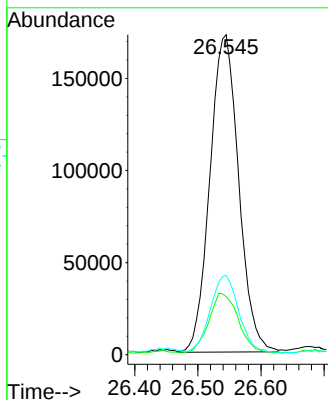
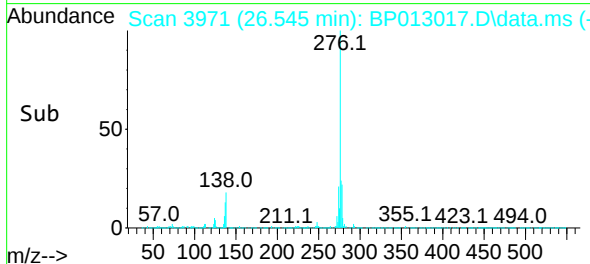
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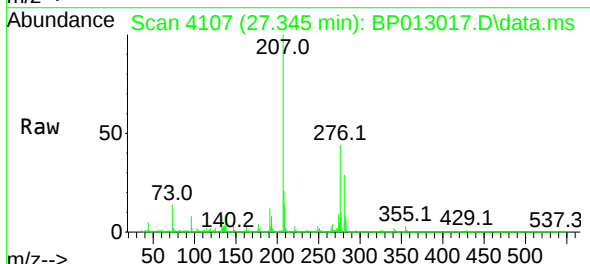
Tgt Ion: 276 Resp: 54518
Ion Ratio Lower Upper
276 100
138 18.1 17.1 25.7
277 24.8 20.0 30.0

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 2.297 ng/ul
RT: 27.345 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BP013017.D
Acq: 09 Dec 2022 14:32



Tgt Ion: 276 Resp: 398891
Ion Ratio Lower Upper
276 100
138 20.8 15.4 23.2
277 23.5 19.1 28.7

