

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012075.D
 Acq On : 12 Oct 2022 11:42
 Operator : CG/JU
 Sample : N5024-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BF0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
 Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 12 23:06:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	206687	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	835430	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	500712	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1094932	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	1106327	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	1217147	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	23234	4.432	ng/uL	0.00
4) Pyridine-d5	3.716	84	45897	3.292	ng/u1	0.02
7) Phenol-d5	7.022	99	375045	22.562	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	222496	23.581	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	328826	24.921	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	213758	16.742	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	150636	25.531	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	157312	26.294	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	281600	24.287	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	288470	16.883	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	845852	26.674	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	1044248	26.630	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	99146	15.926	ng/u1	0.00
60) Fluorene-d10	15.498	176	836123	29.143	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	41106	7.110	ng/u1	0.00
73) Anthracene-d10	17.363	188	1310284	27.558	ng/u1	0.00
81) Pyrene-d10	19.598	212	1636557	28.875	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	1707947	28.866	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.052	94	19210	1.101	ng/u1#	87
16) Acetophenone	8.687	105	62758	3.188	ng/u1	98
50) Acenaphthylene	14.228	152	117949	2.658	ng/u1	97
72) Phenanthrene	17.304	178	108128	1.816	ng/u1	97
74) Anthracene	17.398	178	63770	1.082	ng/u1	97
80) Fluoranthene	19.274	202	264950	3.815	ng/u1	99
82) Pyrene	19.627	202	242445	3.299	ng/u1	99
85) Benzo(a)anthracene	21.333	228	180498	2.592	ng/u1	93
87) Chrysene	21.386	228	190940m	2.849	ng/u1	
90) Benzo(b)fluoranthene	23.033	252	377424	4.899	ng/u1#	92
91) Benzo(k)fluoranthene	23.074	252	148320m	1.957	ng/u1	
93) Benzo(a)pyrene	23.662	252	259414	3.774	ng/u1#	87
94) Indeno(1,2,3-cd)pyrene	26.280	276	252078	2.900	ng/u1	98
96) Benzo(g,h,i)perylene	27.062	276	237532	3.031	ng/u1#	94

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

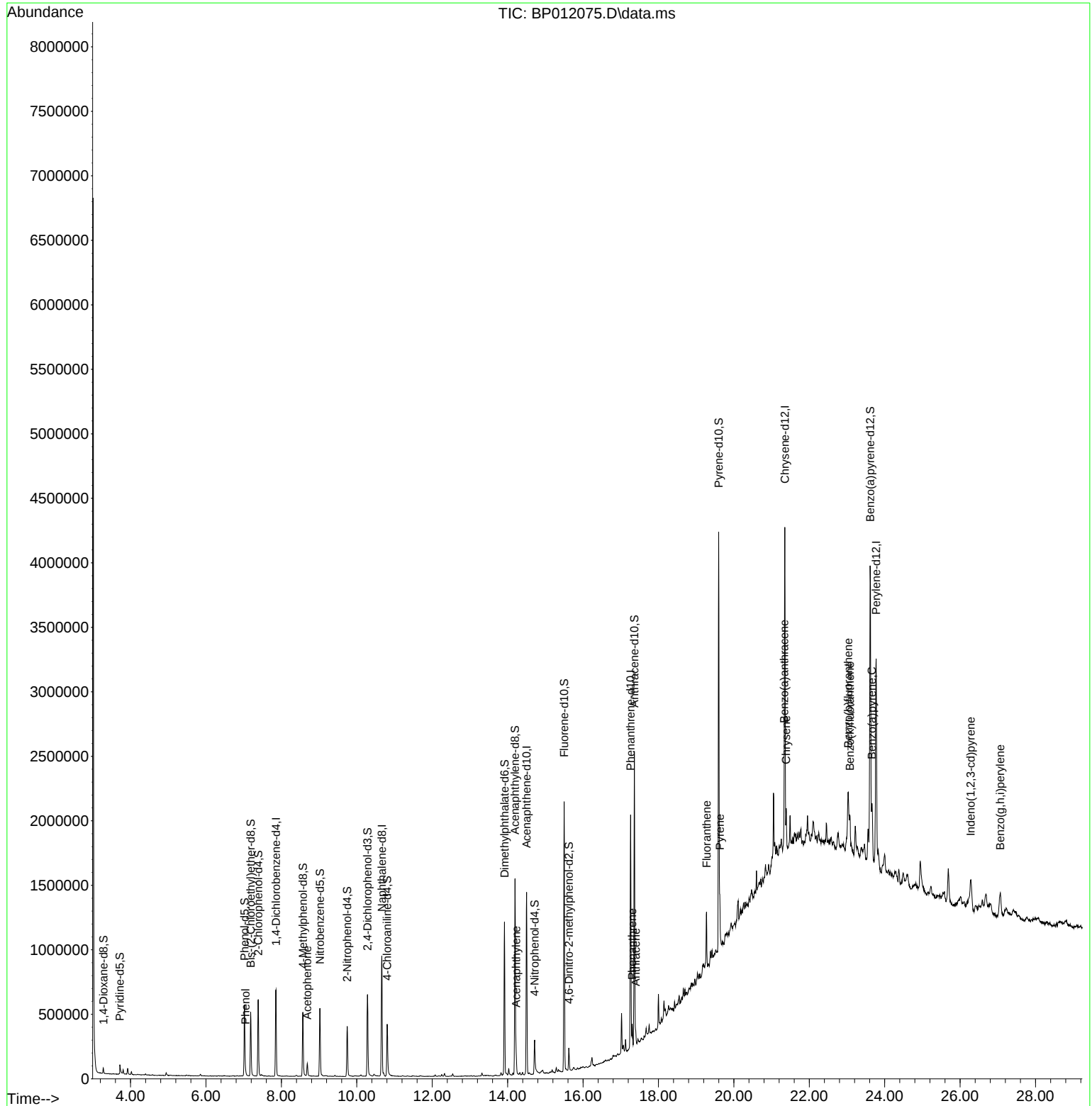
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012075.D
 Acq On : 12 Oct 2022 11:42
 Operator : CG/JU
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 Misc :
 ALS Vial : 44 Sample Multiplier: 1

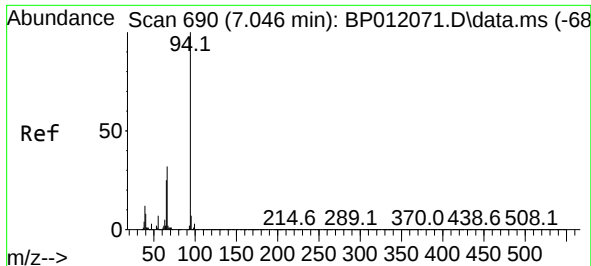
Instrument :
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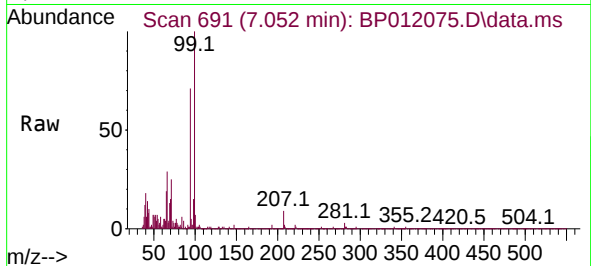
Quant Time: Oct 12 23:06:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration





#8
Phenol
Concen: 1.101 ng/ul
RT: 7.052 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP012075.D
Acq: 12 Oct 2022 11:42

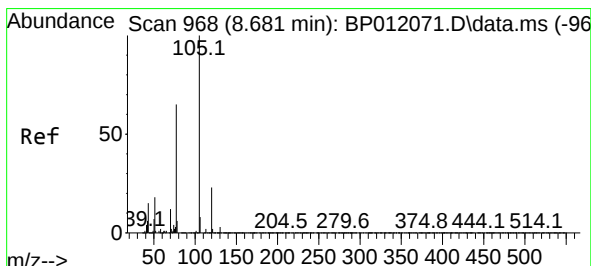
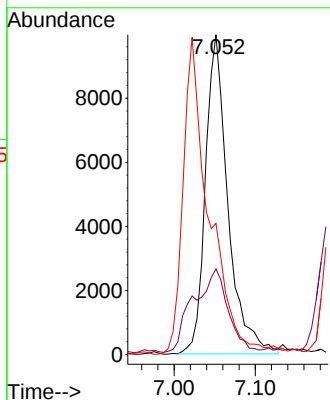
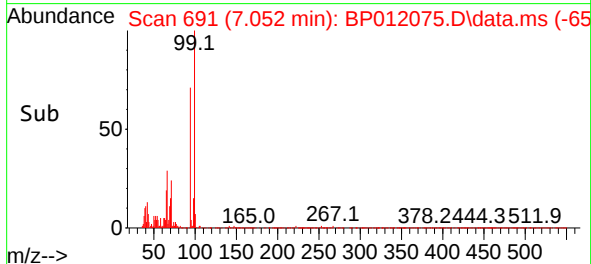
Instrument :
BNA_P
ClientSampleId :
C0BF0



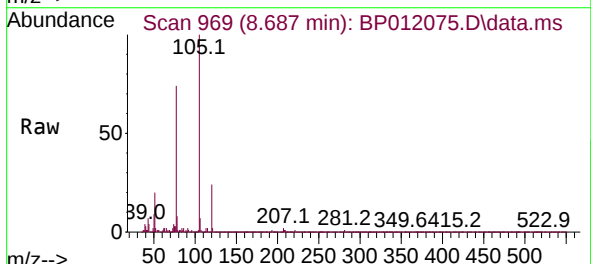
Tgt Ion: 94 Resp: 19210
Ion Ratio Lower Upper
94 100
65 26.8 19.4 29.0
66 41.0 24.6 37.0

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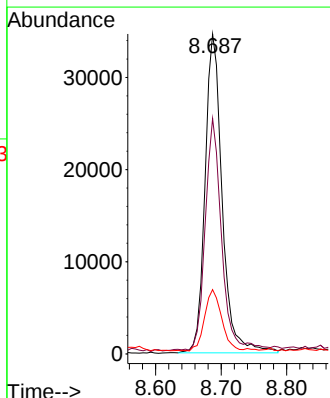
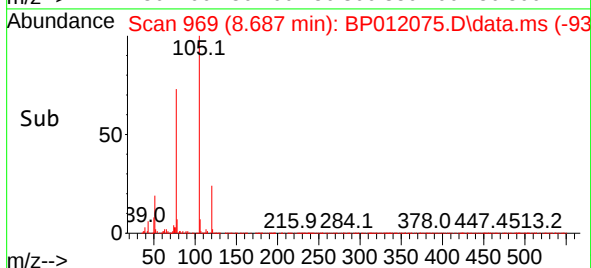
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

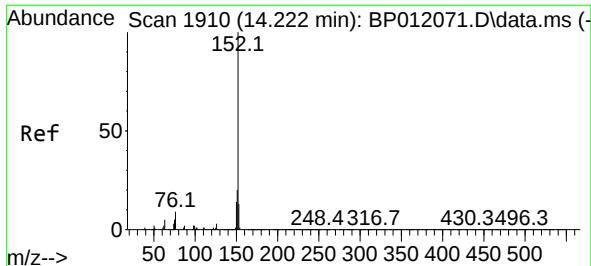


#16
Acetophenone
Concen: 3.188 ng/ul
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BP012075.D
Acq: 12 Oct 2022 11:42



Tgt Ion:105 Resp: 62758
Ion Ratio Lower Upper
105 100
77 73.6 57.0 85.4
51 20.1 16.4 24.6





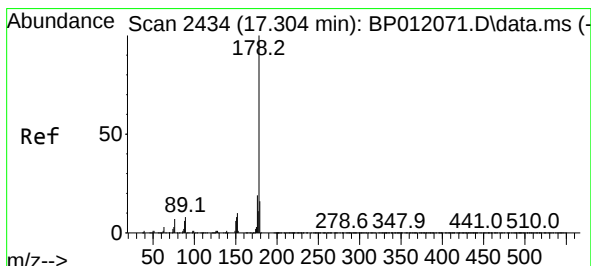
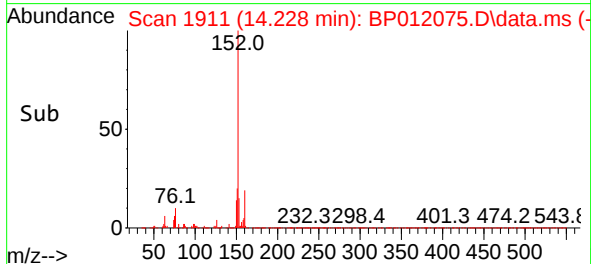
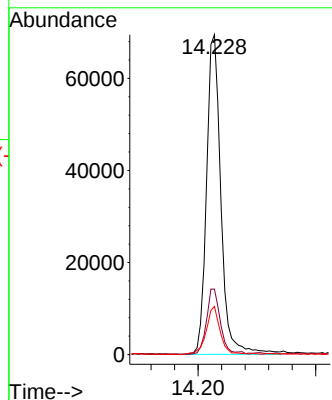
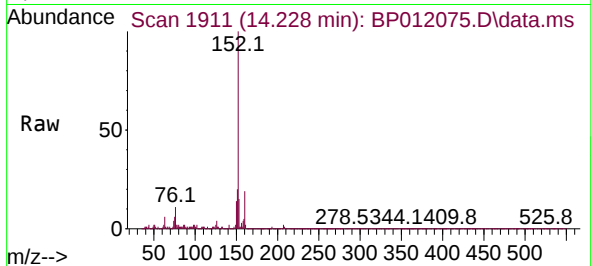
#50
Acenaphthylene
Concen: 2.658 ng/ul
RT: 14.228 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BP012075.D
Acq: 12 Oct 2022 11:42

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:152 Resp: 117949
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 15.1 10.4 15.6

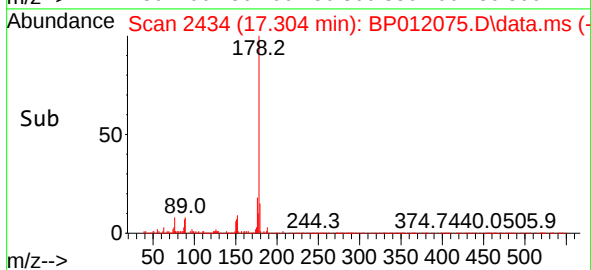
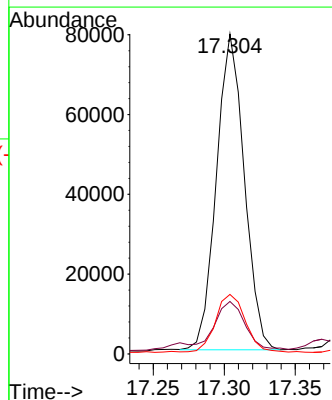
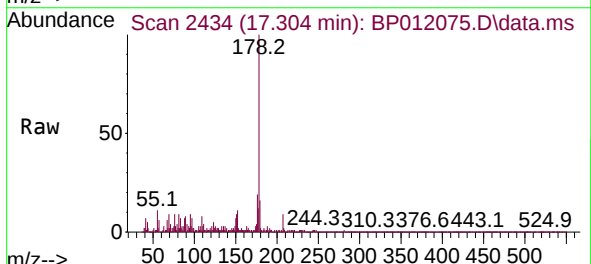
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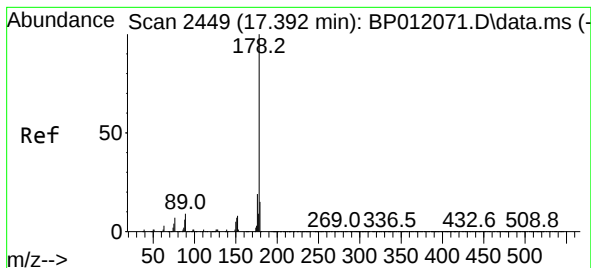
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#72
Phenanthrene
Concen: 1.816 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP012075.D
Acq: 12 Oct 2022 11:42

Tgt Ion:178 Resp: 108128
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.4
176 18.6 15.8 23.6





#74

Anthracene

Concen: 1.082 ng/ul

RT: 17.398 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BP012075.D

Acq: 12 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

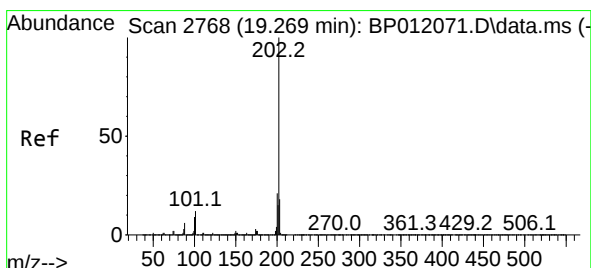
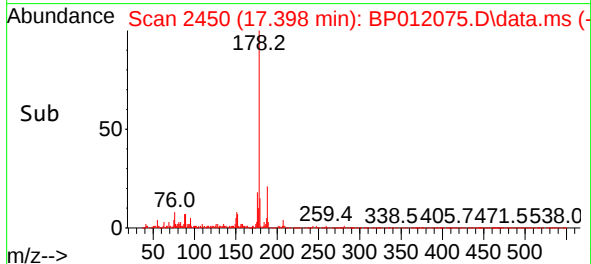
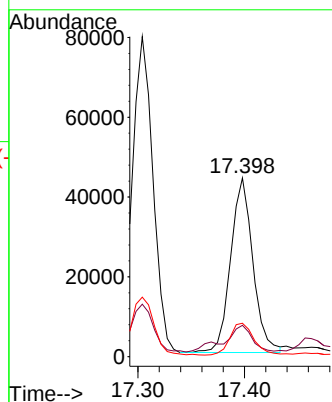
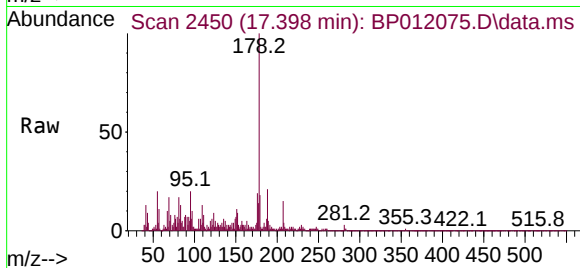
C0BF0

Tgt Ion:178	Resp:	63770
Ion Ratio	Lower	Upper
178	100	
179	17.5	12.2 18.4
176	18.7	14.8 22.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#80

Fluoranthene

Concen: 3.815 ng/ul

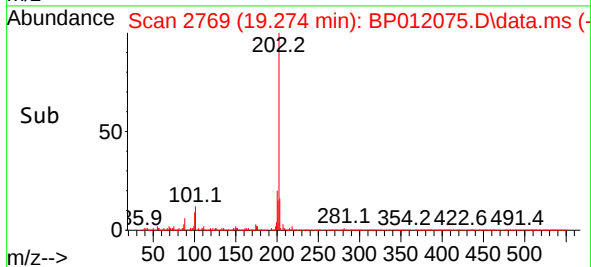
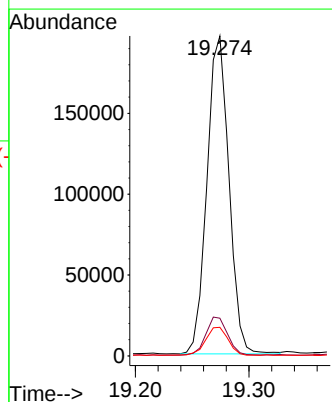
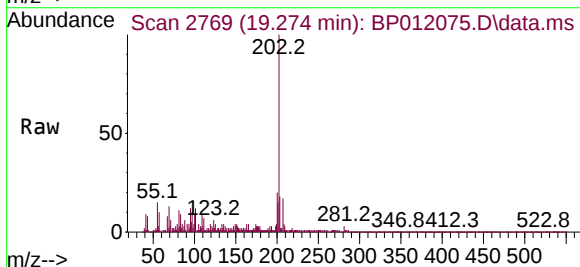
RT: 19.274 min Scan# 2769

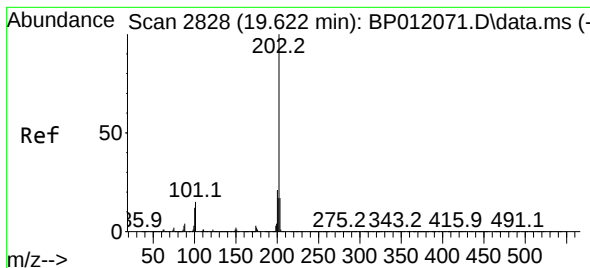
Delta R.T. 0.006 min

Lab File: BP012075.D

Acq: 12 Oct 2022 11:42

Tgt Ion:202	Resp:	264950
Ion Ratio	Lower	Upper
202	100	
101	11.8	9.0 13.6
100	8.9	7.0 10.6





#82

Pyrene

Concen: 3.299 ng/ul

RT: 19.627 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BP012075.D

Acq: 12 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

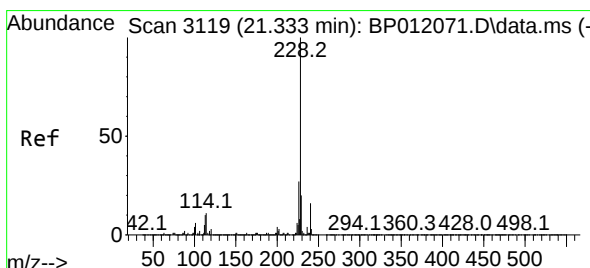
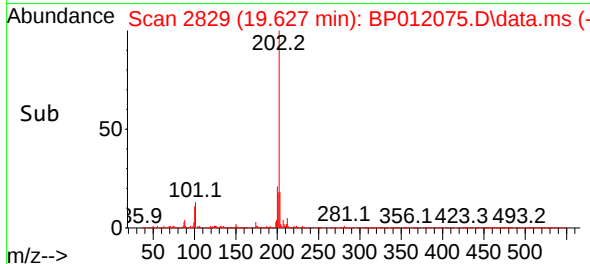
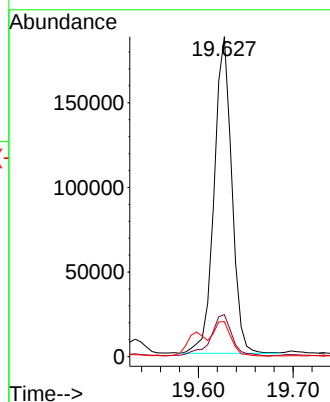
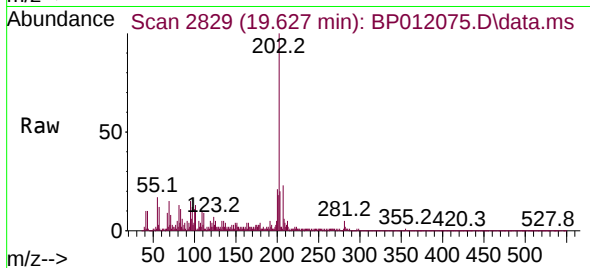
C0BF0

Tgt Ion:	202	Resp:	242445
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.4	15.6
100	10.9	8.5	12.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#85

Benzo(a)anthracene

Concen: 2.592 ng/ul

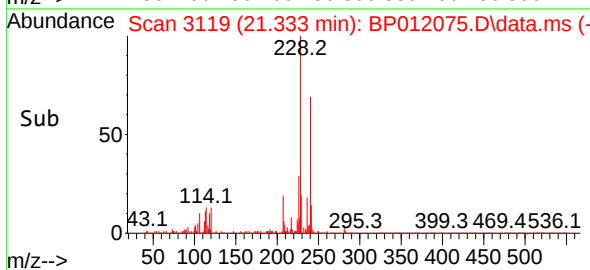
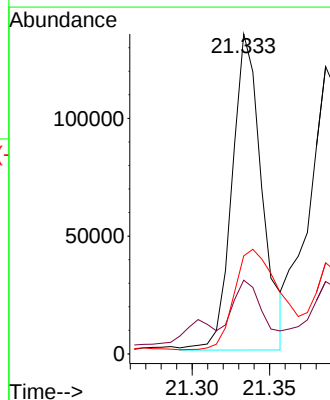
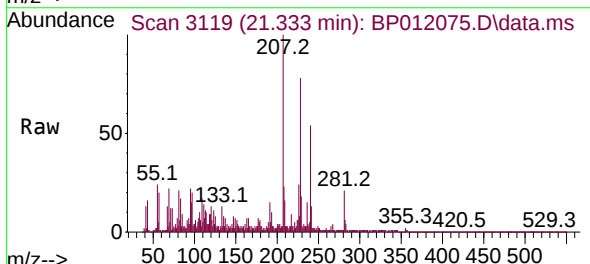
RT: 21.333 min Scan# 3119

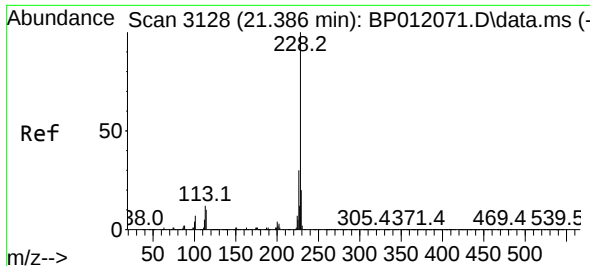
Delta R.T. -0.000 min

Lab File: BP012075.D

Acq: 12 Oct 2022 11:42

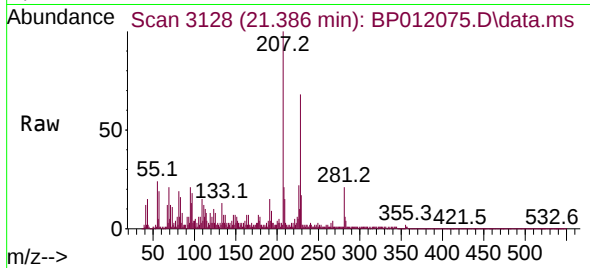
Tgt Ion:	228	Resp:	180498
Ion Ratio	Lower	Upper	
228	100		
229	23.0	15.7	23.5
226	30.6	21.9	32.9





#87
Chrysene
Concen: 2.849 ng/ul m
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BP012075.D
Acq: 12 Oct 2022 11:42

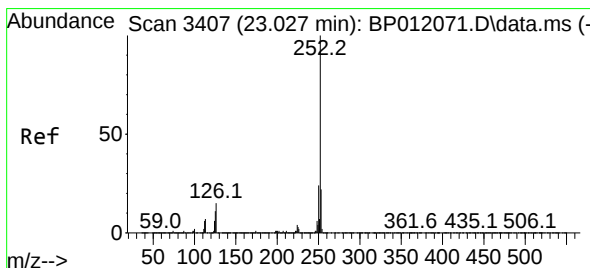
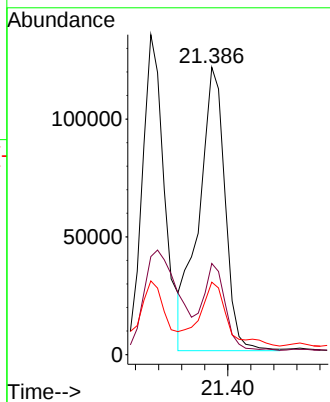
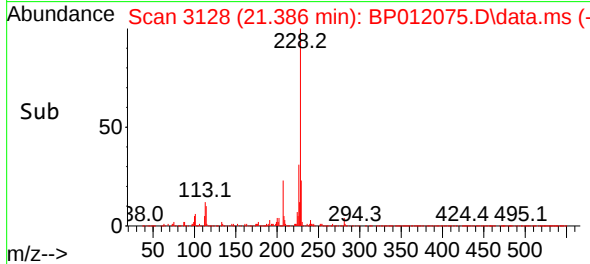
Instrument :
BNA_P
ClientSampleId :
C0BF0



Tgt Ion:228 Resp: 190940
Ion Ratio Lower Upper
228 100
226 31.7 24.0 36.0
229 25.2 15.5 23.3

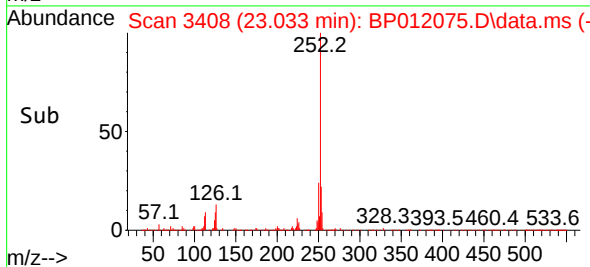
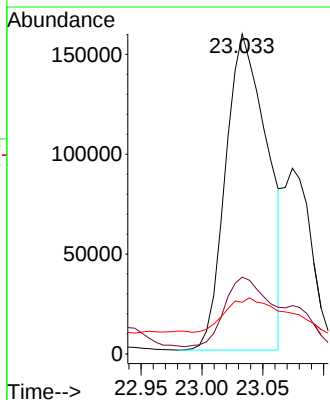
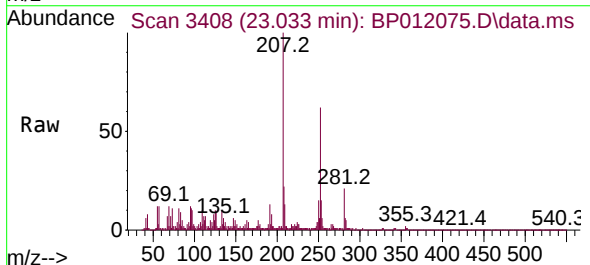
Manual Integrations
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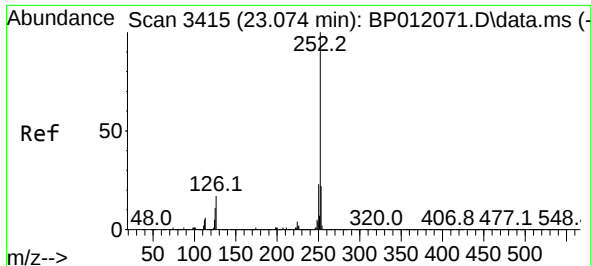
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#90
Benzo(b)fluoranthene
Concen: 4.899 ng/ul
RT: 23.033 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP012075.D
Acq: 12 Oct 2022 11:42

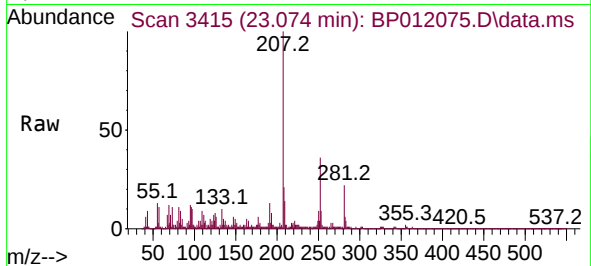
Tgt Ion:252 Resp: 377424
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 16.1 7.8 11.8





#91
Benzo(k)fluoranthene
Concen: 1.957 ng/ul m
RT: 23.074 min Scan# 3415
Delta R.T. -0.000 min
Lab File: BP012075.D
Acq: 12 Oct 2022 11:42

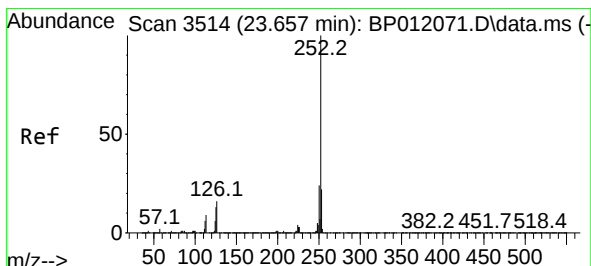
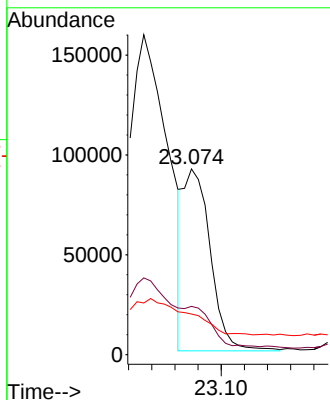
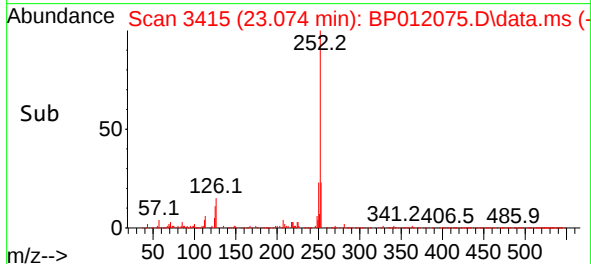
Instrument :
BNA_P
ClientSampleId :
C0BF0



Tgt Ion:252 Resp: 148320
Ion Ratio Lower Upper
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253 26.0 17.6 26.4
125 21.8 8.2 12.2

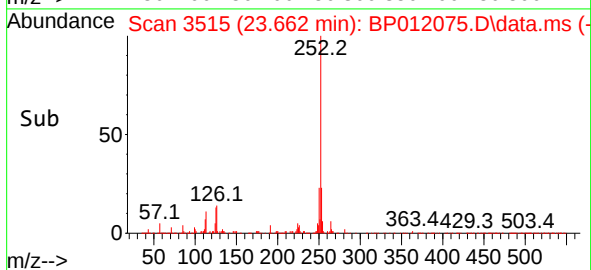
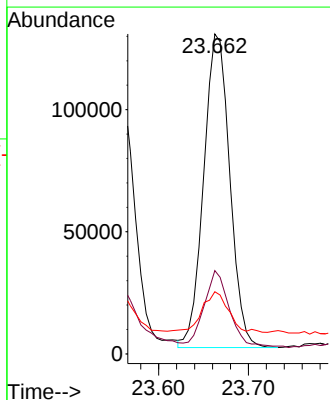
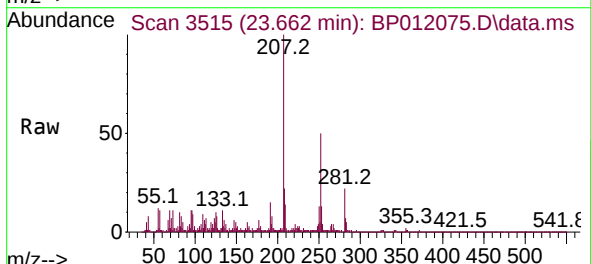
Manual Integrations
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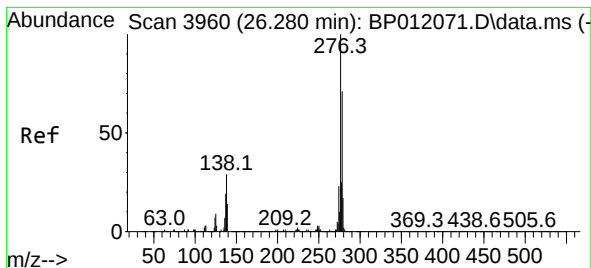
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#93
Benzo(a)pyrene
Concen: 3.774 ng/ul
RT: 23.662 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP012075.D
Acq: 12 Oct 2022 11:42

Tgt Ion:252 Resp: 259414
Ion Ratio Lower Upper
252 100
253 26.0 17.6 26.4
125 19.4 8.9 13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.900 ng/ul

RT: 26.280 min Scan# 3960

Delta R.T. -0.000 min

Lab File: BP012075.D

Acq: 12 Oct 2022 11:42

Instrument :

BNA_P

ClientSampleId :

COBF0

Tgt Ion:276 Resp: 252078

Ion Ratio Lower Upper

276 100

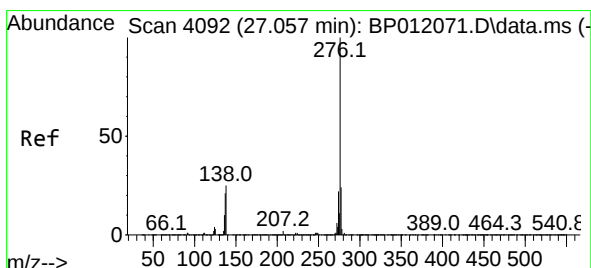
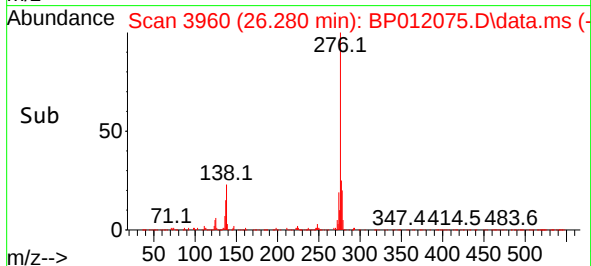
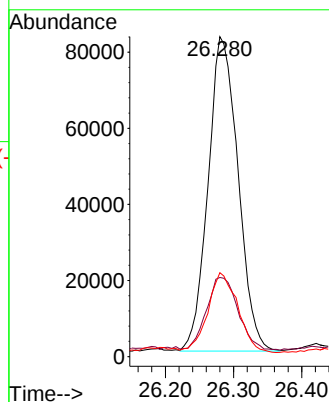
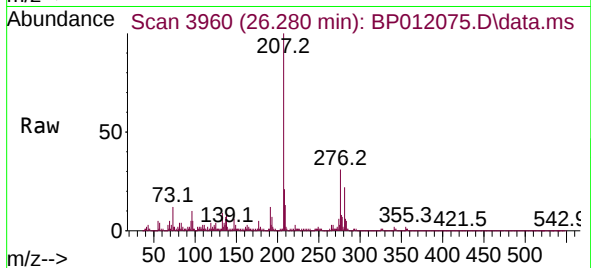
138 24.7 19.1 28.7

277 26.2 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#96

Benzo(g,h,i)perylene

Concen: 3.031 ng/ul

RT: 27.062 min Scan# 4093

Delta R.T. 0.006 min

Lab File: BP012075.D

Acq: 12 Oct 2022 11:42

Tgt Ion:276 Resp: 237532

Ion Ratio Lower Upper

276 100

138 25.9 16.5 24.7#

277 24.6 19.0 28.4

