

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012076.D
 Acq On : 12 Oct 2022 12:16
 Operator : CG/JU
 Sample : N5024-06
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BF6

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 23:06:44 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	204876	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	837815	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	506797	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1069452	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	1081563	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	1161196	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	29650	5.706	ng/uL	0.00
4) Pyridine-d5	3.711	84	117527	8.505	ng/u1	0.01
7) Phenol-d5	7.022	99	366207	22.225	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	283798	30.344	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	383845	29.348	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	242184	19.136	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	197188	33.325	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	211248	35.209	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	352596	30.323	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	346437	20.218	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	1082141	33.715	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	1326791	33.429	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	82122	13.033	ng/u1	0.00
60) Fluorene-d10	15.498	176	1020394	35.139	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	84340	14.935	ng/u1	0.00
73) Anthracene-d10	17.363	188	1532683	33.004	ng/u1	0.00
81) Pyrene-d10	19.598	212	1906160	34.402	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	1878129	33.272	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.687	105	39968	2.048	ng/u1	98
50) Acenaphthylene	14.228	152	94121	2.096	ng/u1	96
72) Phenanthrene	17.304	178	466543	8.022	ng/u1	99
74) Anthracene	17.398	178	74591	1.296	ng/u1	98
80) Fluoranthene	19.274	202	756166	11.137	ng/u1	99
82) Pyrene	19.627	202	646466	8.997	ng/u1	98
85) Benzo(a)anthracene	21.333	228	246918	3.627	ng/u1	96
87) Chrysene	21.386	228	315038	4.808	ng/u1	98
90) Benzo(b)fluoranthene	23.033	252	473319	6.440	ng/u1#	94
91) Benzo(k)fluoranthene	23.074	252	175059m	2.421	ng/u1	
93) Benzo(a)pyrene	23.662	252	276191	4.212	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.286	276	256404	3.092	ng/u1	97
96) Benzo(g,h,i)perylene	27.056	276	237148	3.172	ng/u1#	94

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

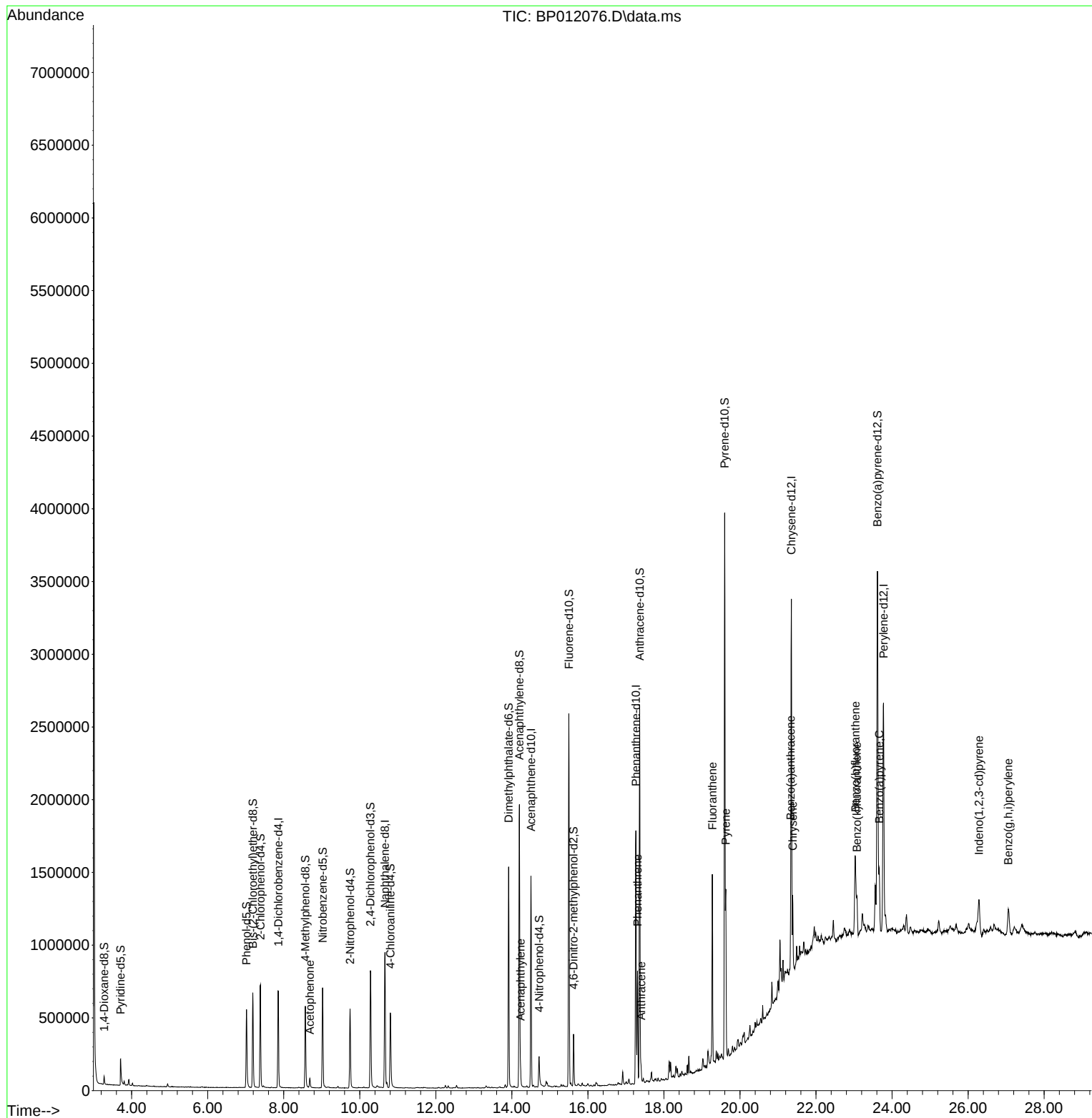
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012076.D
Acq On : 12 Oct 2022 12:16
Operator : CG/JU
Sample : N5024-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

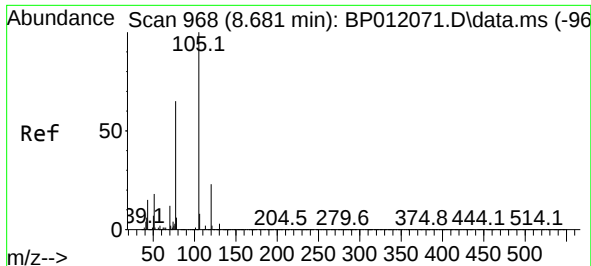
Instrument :
BNA_P
ClientSampleId :
C0BF6

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Quant Title : SVOA CALIBRATION
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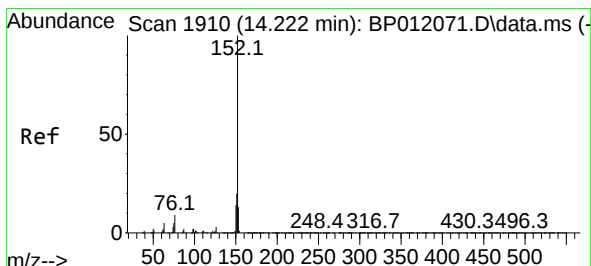
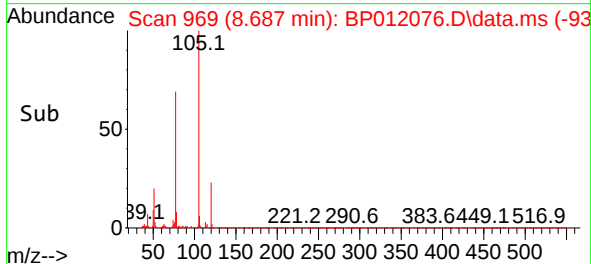
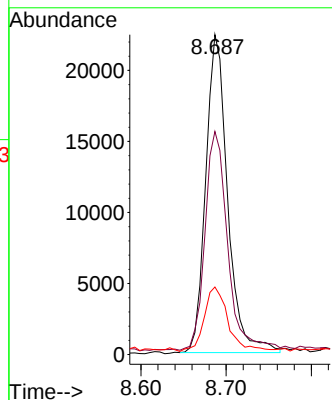
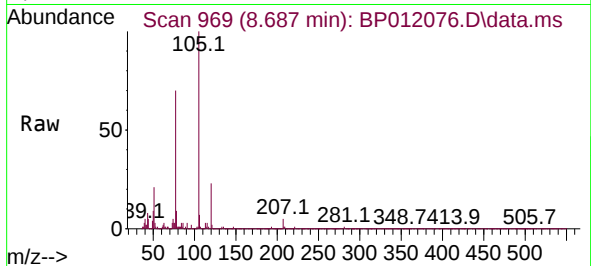
#16
Acetophenone
Concen: 2.048 ng/ul
RT: 8.687 min Scan# 968
Delta R.T. 0.006 min
Lab File: BP012076.D
Acq: 12 Oct 2022 12:16

Instrument :
BNA_P
ClientSampleId :
C0BF6

Tgt Ion:105 Resp: 39968
Ion Ratio Lower Upper
105 100
77 69.7 57.0 85.4
51 21.1 16.4 24.6

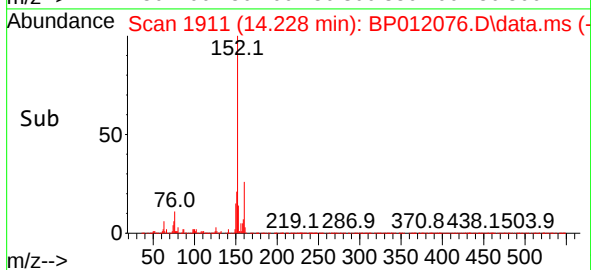
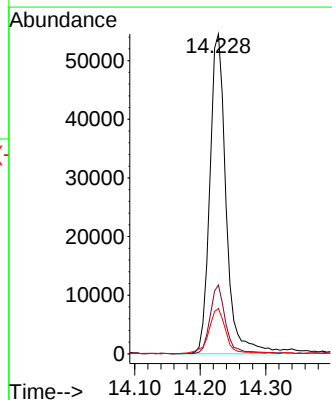
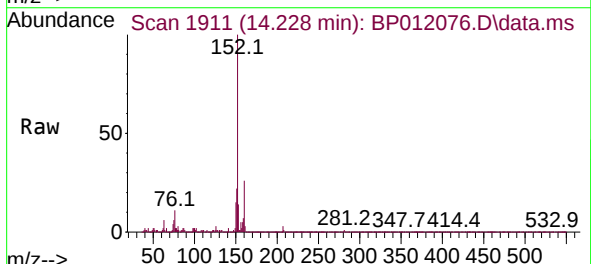
Manual Integrations
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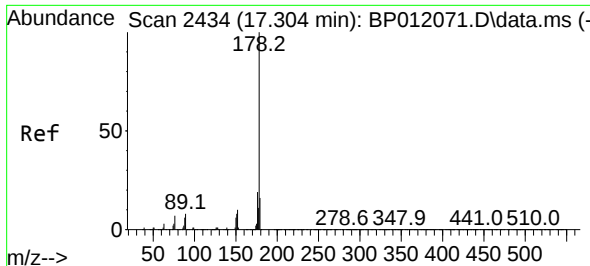
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#50
Acenaphthylene
Concen: 2.096 ng/ul
RT: 14.228 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP012076.D
Acq: 12 Oct 2022 12:16

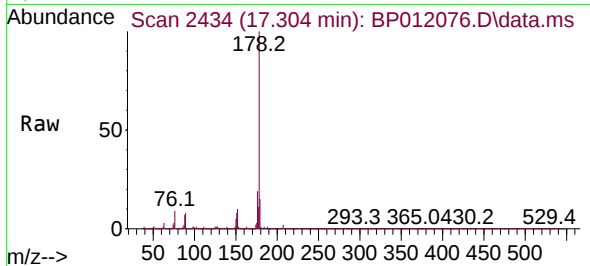
Tgt Ion:152 Resp: 94121
Ion Ratio Lower Upper
152 100
151 21.5 15.7 23.5
153 14.2 10.4 15.6





#72
Phenanthrene
Concen: 8.022 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP012076.D
Acq: 12 Oct 2022 12:16

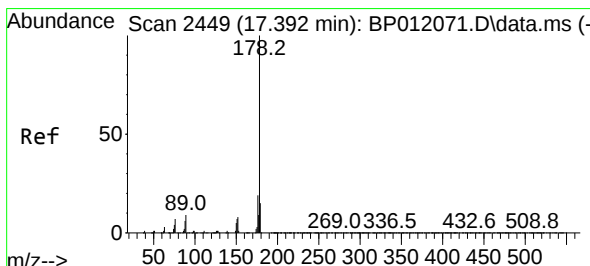
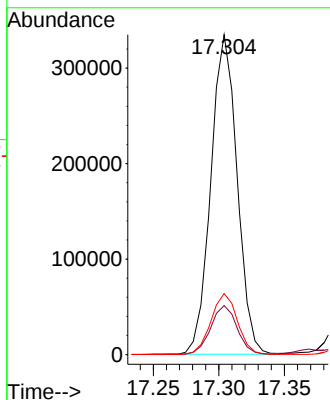
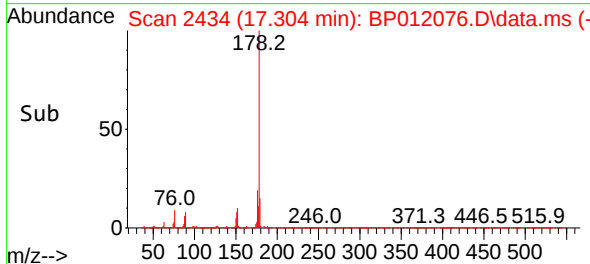
Instrument :
BNA_P
ClientSampleId :
C0BF6



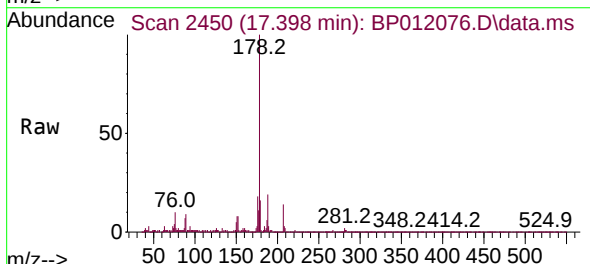
Tgt Ion:178 Resp: 466543
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.1 15.8 23.6

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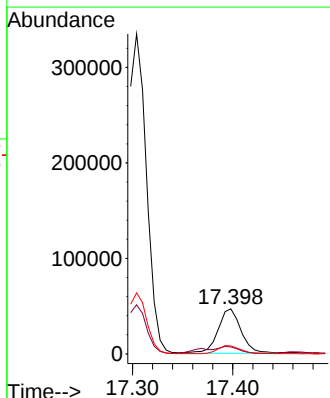
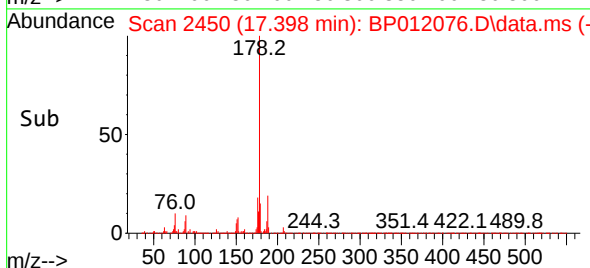
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

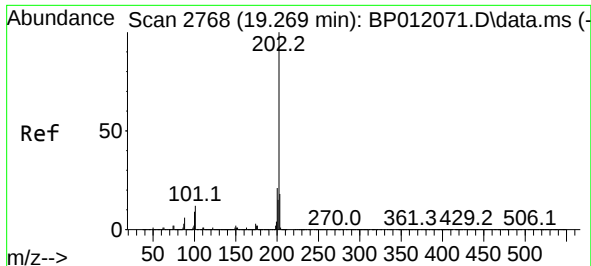


#74
Anthracene
Concen: 1.296 ng/ul
RT: 17.398 min Scan# 2450
Delta R.T. 0.006 min
Lab File: BP012076.D
Acq: 12 Oct 2022 12:16



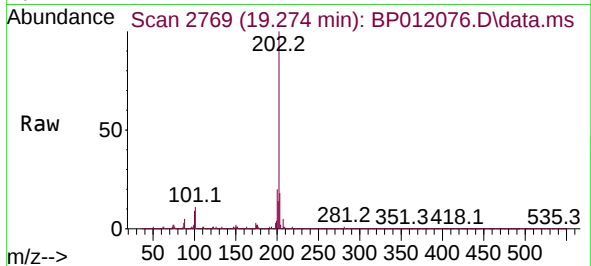
Tgt Ion:178 Resp: 74591
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 17.6 14.8 22.2





#80
Fluoranthene
Concen: 11.137 ng/ul
RT: 19.274 min Scan# 2769
Delta R.T. 0.006 min
Lab File: BP012076.D
Acq: 12 Oct 2022 12:16

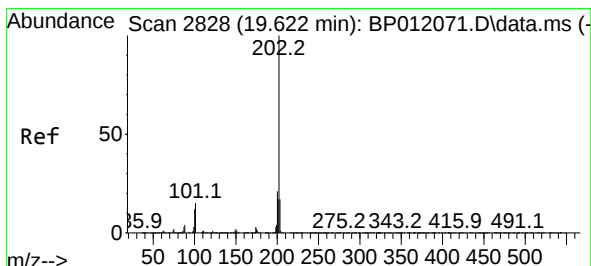
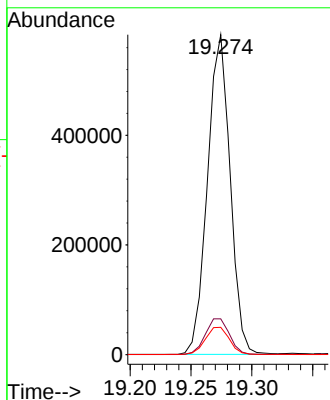
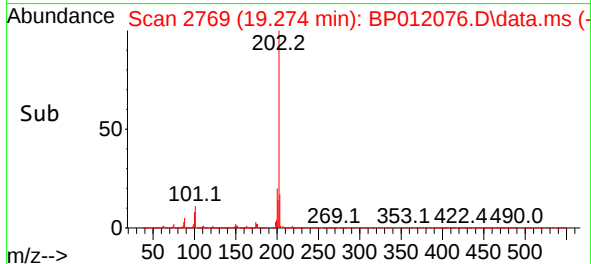
Instrument :
BNA_P
ClientSampleId :
C0BF6



Tgt Ion:202 Resp: 756166
Ion Ratio Lower Upper
202 100
101 11.2 9.0 13.6
100 8.5 7.0 10.6

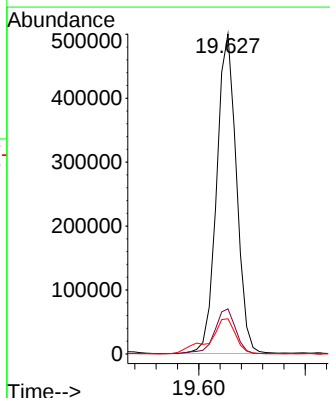
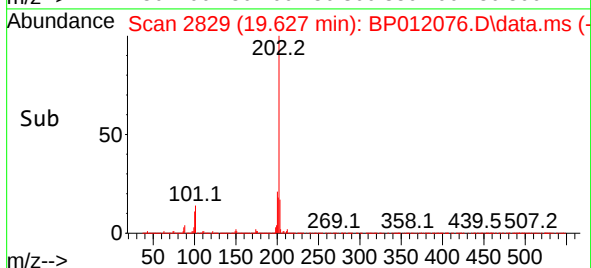
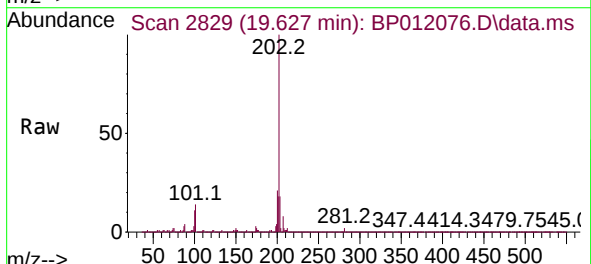
Manual Integrations
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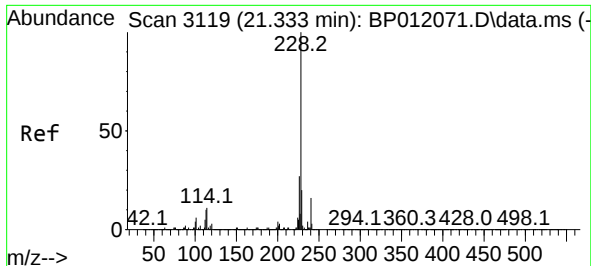
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022



#82
Pyrene
Concen: 8.997 ng/ul
RT: 19.627 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP012076.D
Acq: 12 Oct 2022 12:16

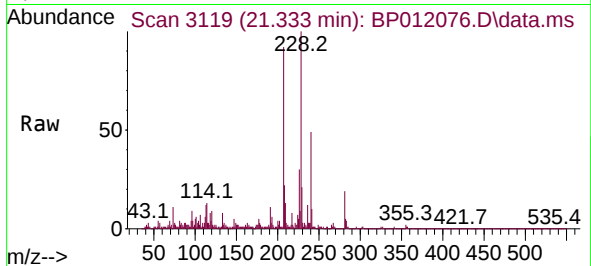
Tgt Ion:202 Resp: 646466
Ion Ratio Lower Upper
202 100
101 14.1 10.4 15.6
100 11.0 8.5 12.7





#85
Benzo(a)anthracene
Concen: 3.627 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP012076.D
Acq: 12 Oct 2022 12:16

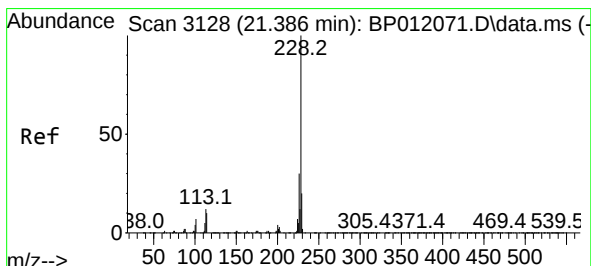
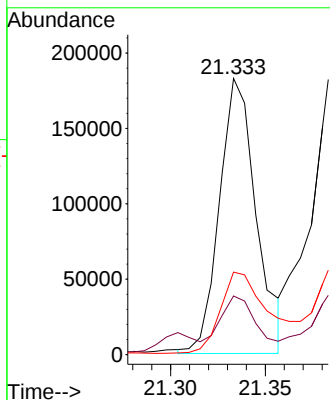
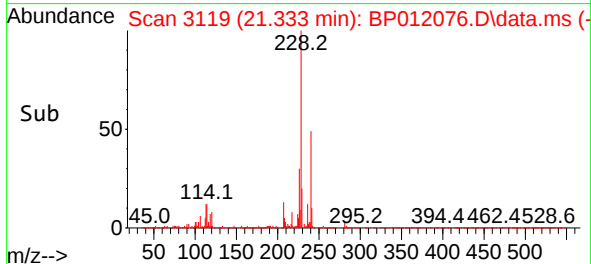
Instrument :
BNA_P
ClientSampleId :
C0BF6



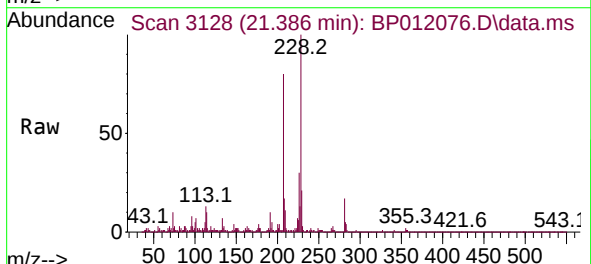
Tgt Ion:228 Resp: 246918
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 29.9 21.9 32.9

Manual Integrations
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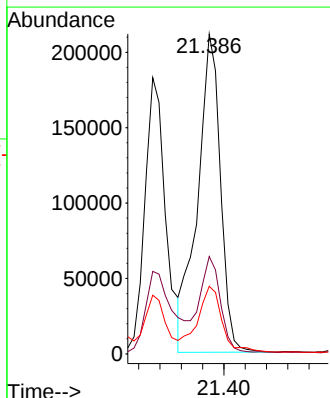
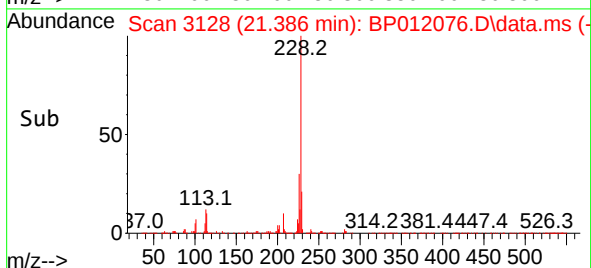
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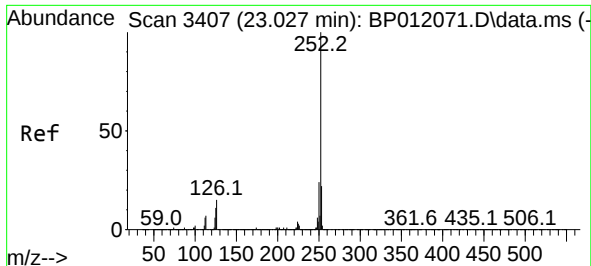


#87
Chrysene
Concen: 4.808 ng/ul
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BP012076.D
Acq: 12 Oct 2022 12:16



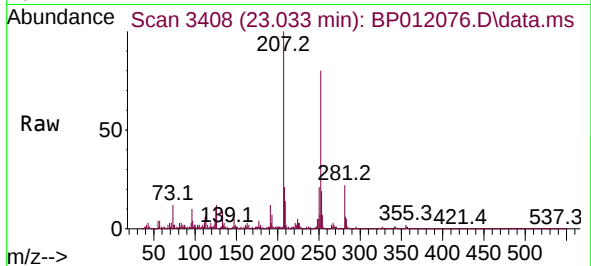
Tgt Ion:228 Resp: 315038
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.1 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 6.440 ng/ul
RT: 23.033 min Scan# 3407
Delta R.T. 0.006 min
Lab File: BP012076.D
Acq: 12 Oct 2022 12:16

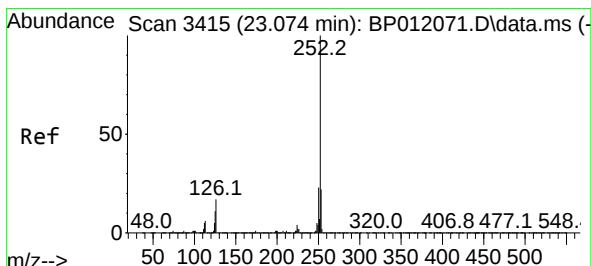
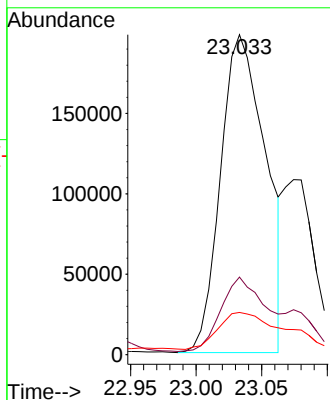
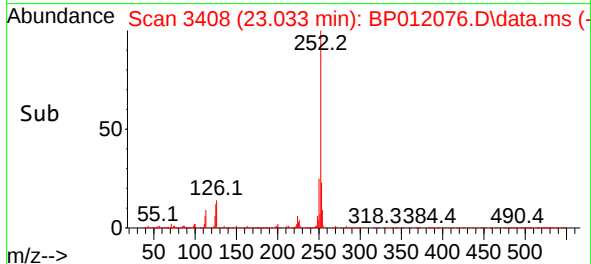
Instrument :
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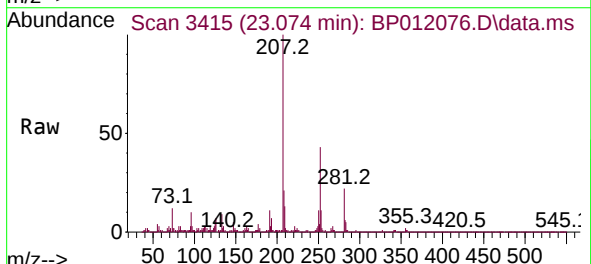
Tgt Ion:252 Resp: 473319
Ion Ratio Lower Upper
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253 24.2 17.6 26.4
125 13.2 7.8 11.8

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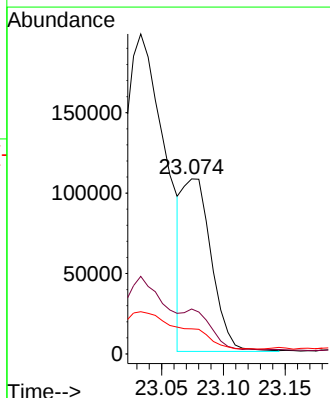
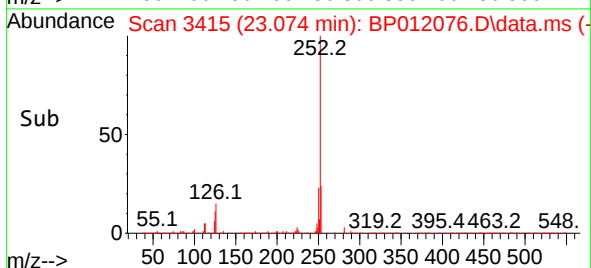
Reviewed By :Jagrut Upadhyay 10/13/2022
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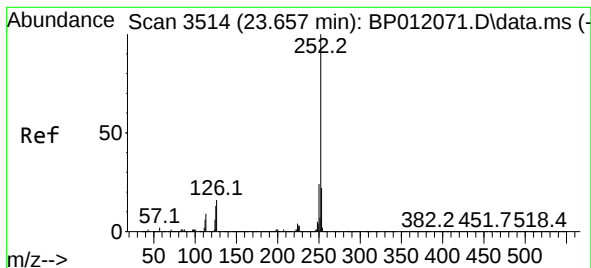


#91
Benzo(k)fluoranthene
Concen: 2.421 ng/ul m
RT: 23.074 min Scan# 3415
Delta R.T. -0.000 min
Lab File: BP012076.D
Acq: 12 Oct 2022 12:16



Tgt Ion:252 Resp: 175059
Ion Ratio Lower Upper
252 100
253 25.7 17.6 26.4
125 14.3 8.2 12.2





#93

Benzo(a)pyrene

Concen: 4.212 ng/ul

RT: 23.662 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BP012076.D

Acq: 12 Oct 2022 12:16

Instrument :

BNA_P

ClientSampleId :

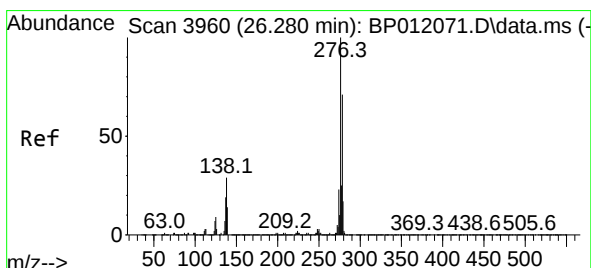
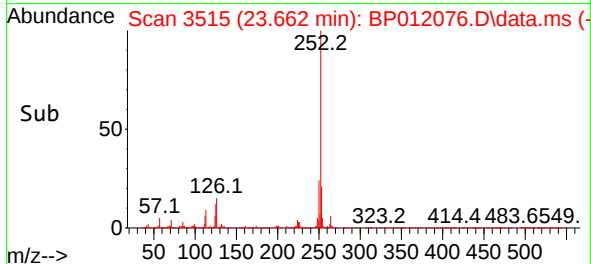
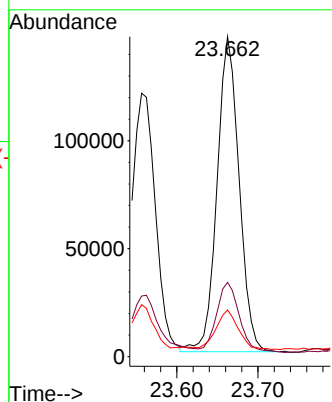
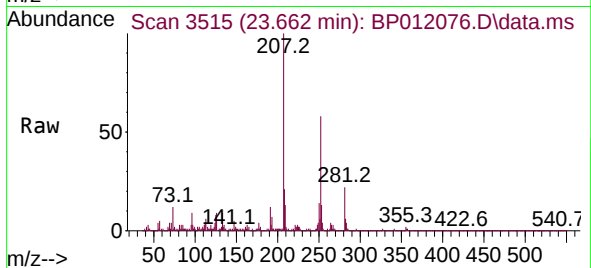
C0BF6

Tgt Ion:	252	Resp:	27619
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	14.6	8.9	13.3

Manual Integrations

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Supervised By :mohammad ahmed 10/14/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.092 ng/ul

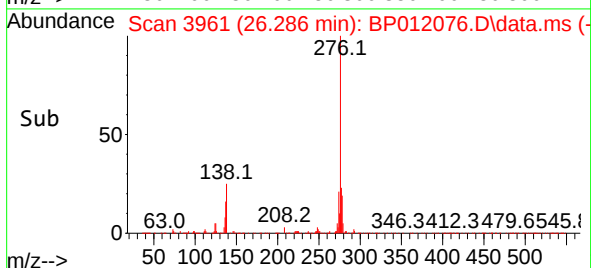
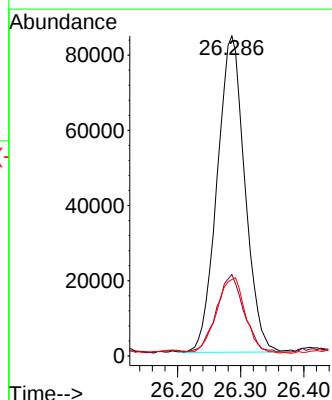
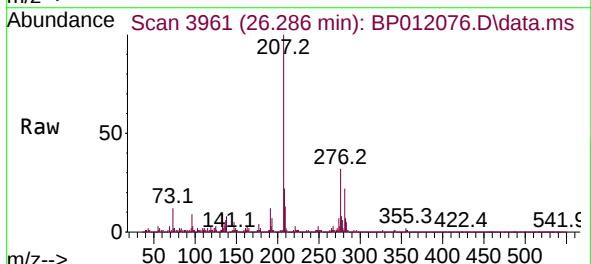
RT: 26.286 min Scan# 3961

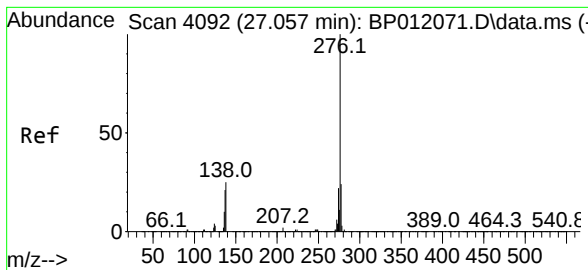
Delta R.T. 0.006 min

Lab File: BP012076.D

Acq: 12 Oct 2022 12:16

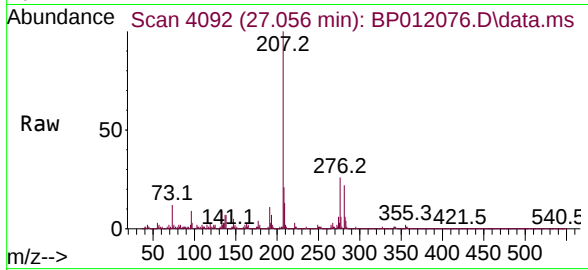
Tgt Ion:	276	Resp:	256404
Ion Ratio	Lower	Upper	
276	100		
138	25.4	19.1	28.7
277	23.9	19.9	29.9





#96
 Benzo(g,h,i)perylene
 Concen: 3.172 ng/ul
 RT: 27.056 min Scan# 4092
 Delta R.T. -0.000 min
 Lab File: BP012076.D
 Acq: 12 Oct 2022 12:16

Instrument :
 BNA_P
 ClientSampleId :
 C0BF6



Tgt Ion: 276 Resp: 237148

Ion	Ratio	Lower	Upper
276	100		
138	26.0	16.5	24.7
277	23.9	19.0	28.4

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 APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
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