

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012077.D
 Acq On : 12 Oct 2022 12:51
 Operator : CG/JU
 Sample : N5024-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BP1

Quant Time: Oct 12 23:06:58 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

Manual Integrations APPROVED

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

Supervised By :mohammad
 ahmed
 10/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	226331	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	887240	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	494192	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1012158	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	1095212	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	1197626	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	21936	3.821	ng/uL	0.00
4) Pyridine-d5	3.717	84	59281	3.883	ng/u1	0.02
7) Phenol-d5	7.022	99	350648	19.263	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	221828	21.470	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	319654	22.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	228679	16.356	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	146195	23.331	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	152277	23.967	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	269106	21.854	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	246656	13.593	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	734644	23.473	ng/u1	0.00
49) Acenaphthylene-d8	14.199	160	890497	23.009	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	90171	14.675	ng/u1	0.00
60) Fluorene-d10	15.498	176	689327	24.343	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	55238	10.335	ng/u1	0.00
73) Anthracene-d10	17.363	188	1019536	23.197	ng/u1	0.00
81) Pyrene-d10	19.598	212	1331720	23.735	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.616	264	1443044	24.786	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.687	105	50773	2.355	ng/u1	98
30) Naphthalene	10.710	128	51354	1.095	ng/u1	99
36) 2-Methylnaphthalene	12.328	142	35304	1.169	ng/u1	99
72) Phenanthrene	17.304	178	144588	2.627	ng/u1	99
80) Fluoranthene	19.275	202	322138	4.686	ng/u1	99
82) Pyrene	19.628	202	299517	4.117	ng/u1	99
85) Benzo(a)anthracene	21.333	228	179814	2.608	ng/u1	98
87) Chrysene	21.386	228	194410	2.930	ng/u1	96
90) Benzo(b)fluoranthene	23.033	252	283798	3.744	ng/u1#	94
91) Benzo(k)fluoranthene	23.075	252	98312m	1.318	ng/u1	
93) Benzo(a)pyrene	23.663	252	199668	2.952	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.280	276	149753	1.751	ng/u1	99
96) Benzo(g,h,i)perylene	27.063	276	134554	1.745	ng/u1#	93

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

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Acq On : 12 Oct 2022 12:51
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ALS Vial : 46 Sample Multiplier: 1

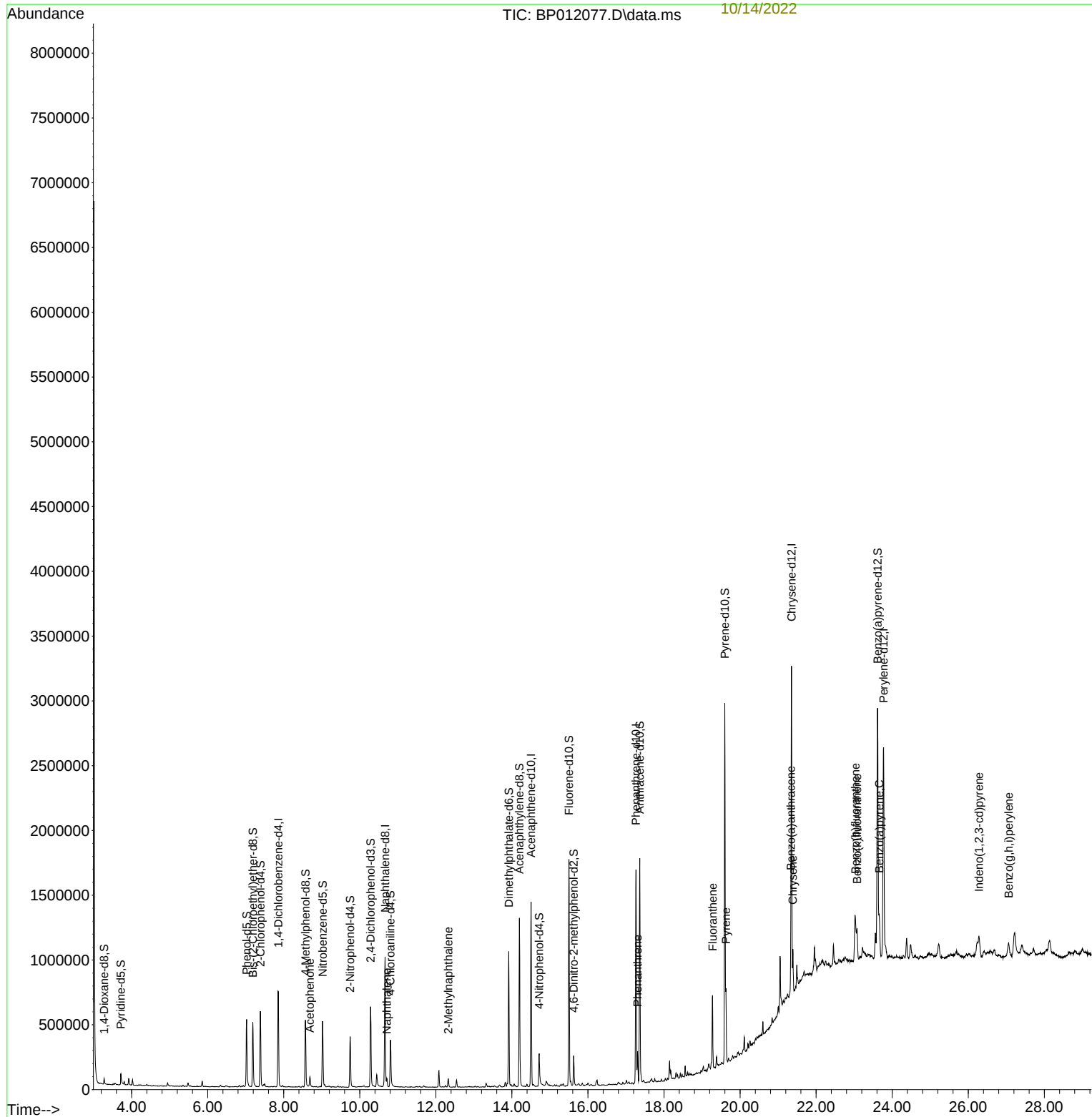
Instrument :
BNA_P
ClientSampleId :
C0BP1

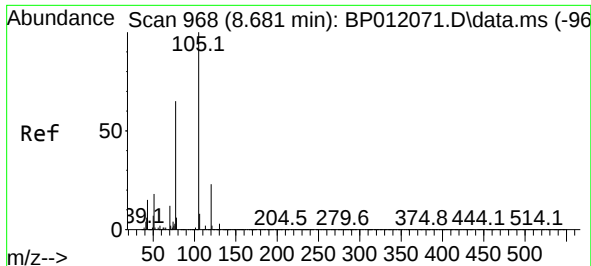
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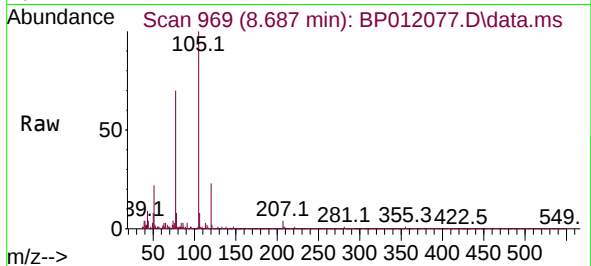
Supervised By :mohammad
ahmed
10/14/2022





#16
Acetophenone
Concen: 2.355 ng/ul
RT: 8.687 min Scan# 968
Delta R.T. 0.006 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51

Instrument :
BNA_P
Client Sample Id :
C0BP1

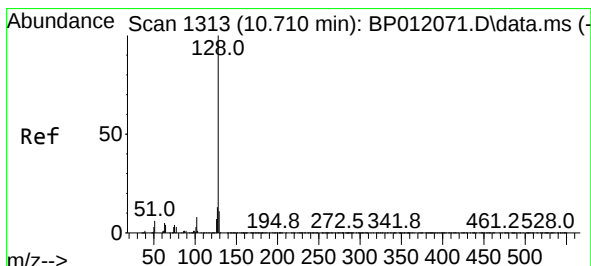
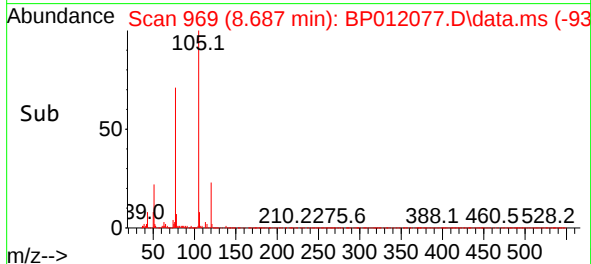
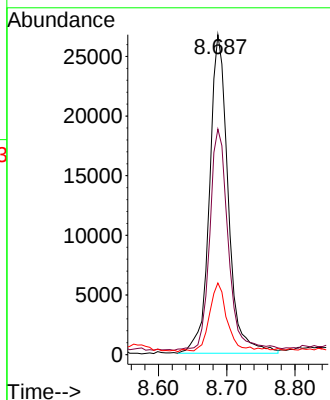


Tgt Ion:105 Resp: 50773
Ion Ratio Lower Upper
105 100
77 70.5 57.0 85.4
51 22.4 16.4 24.6

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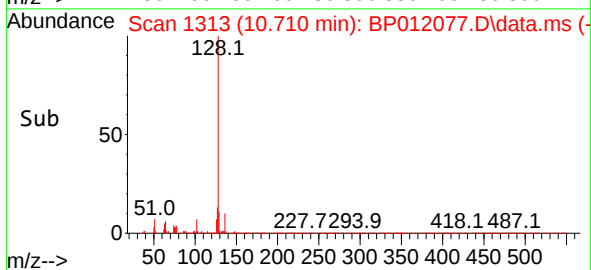
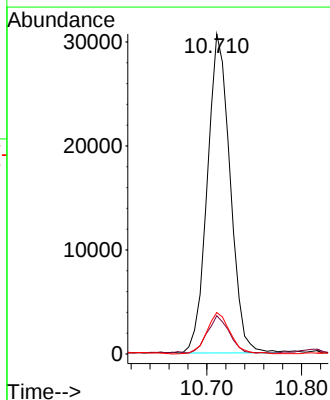
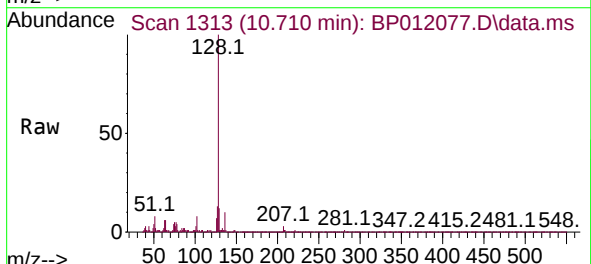
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

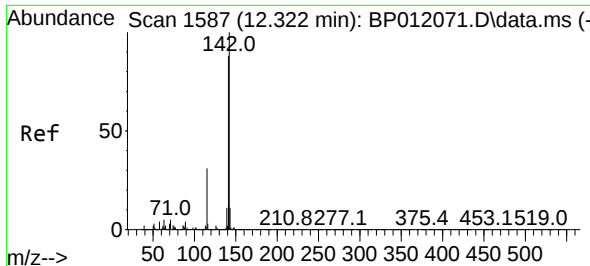
Supervised By :mohammad
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#30
Naphthalene
Concen: 1.095 ng/ul
RT: 10.710 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51

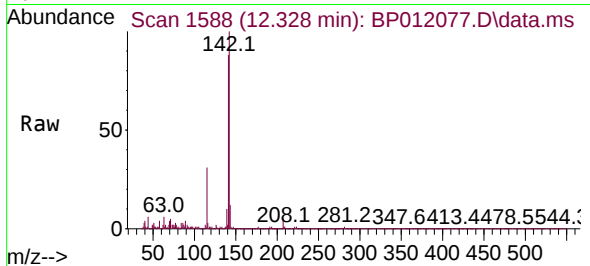
Tgt Ion:128 Resp: 51354
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 12.9 10.2 15.4





#36
2-Methylnaphthalene
Concen: 1.169 ng/ul
RT: 12.328 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51

Instrument :
BNA_P
ClientSampleId :
C0BP1

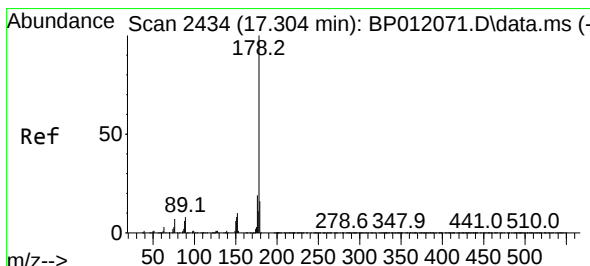
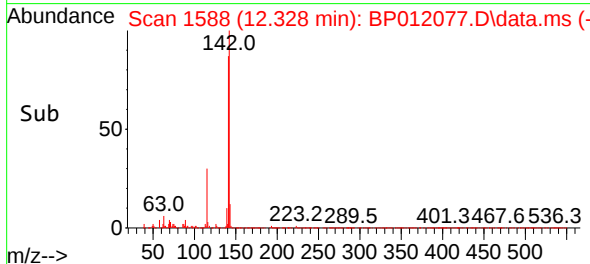
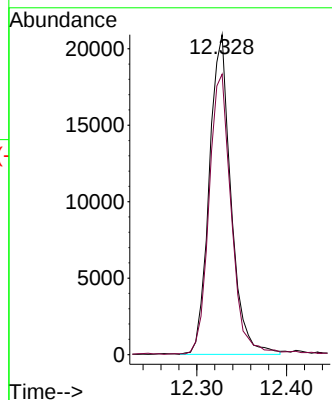


Tgt Ion:142 Resp: 35304
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1

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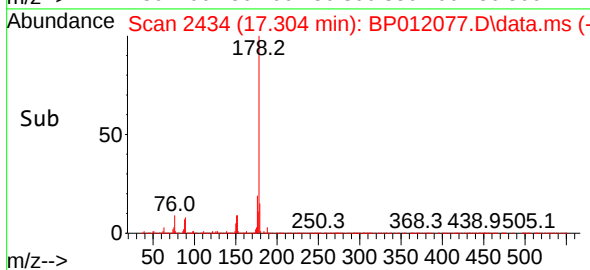
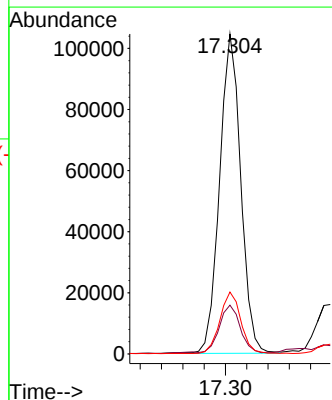
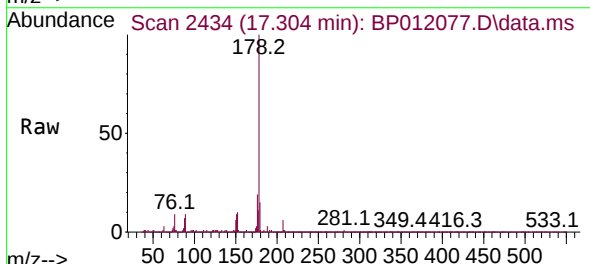
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

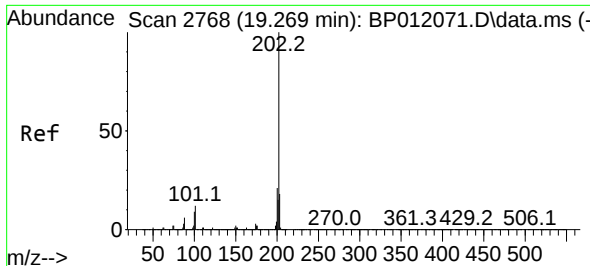
Supervised By :mohammad
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10/14/2022



#72
Phenanthrene
Concen: 2.627 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51

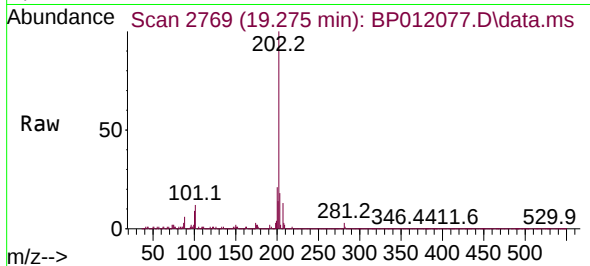
Tgt Ion:178 Resp: 144588
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.3 15.8 23.6





#80
Fluoranthene
Concen: 4.686 ng/u1
RT: 19.275 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51

Instrument :
BNA_P
ClientSampleId :
C0BP1

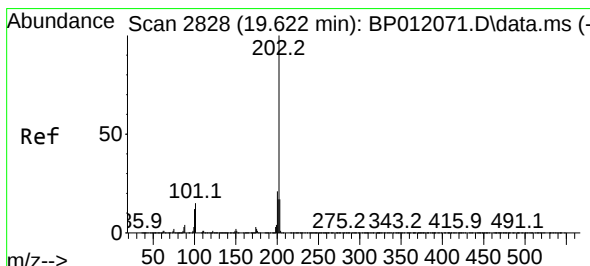
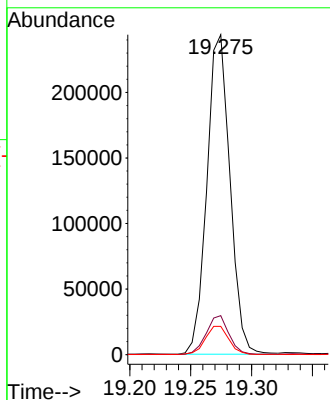
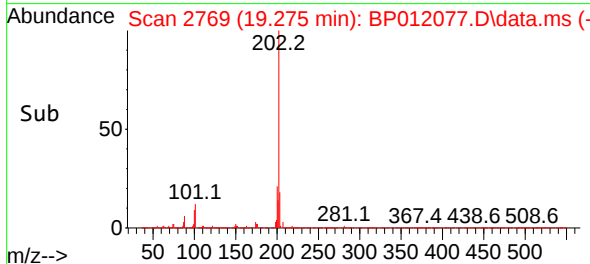


Tgt Ion:202 Resp: 322138
Ion Ratio Lower Upper
202 100
101 12.2 9.0 13.6
100 8.8 7.0 10.6

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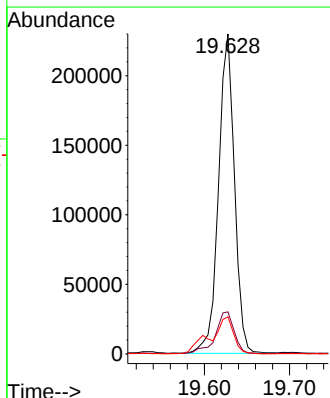
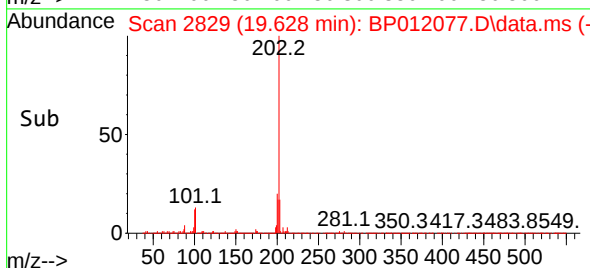
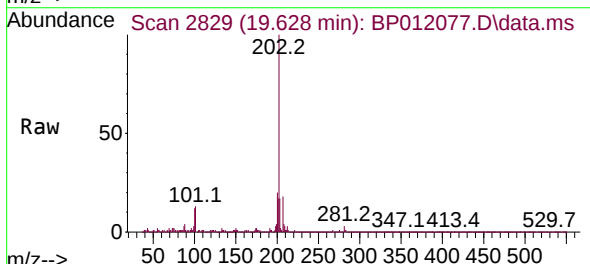
Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

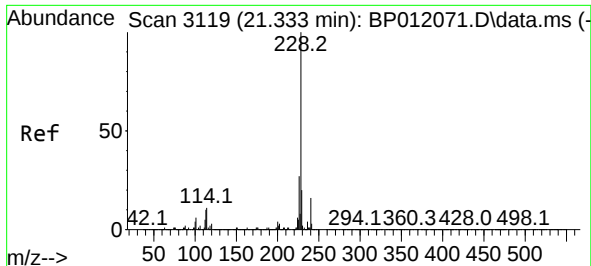
Supervised By :mohammad
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#82
Pyrene
Concen: 4.117 ng/u1
RT: 19.628 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51

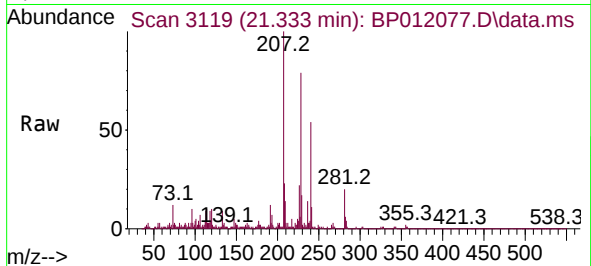
Tgt Ion:202 Resp: 299517
Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 11.6 8.5 12.7





#85
Benzo(a)anthracene
Concen: 2.608 ng/u1
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51

Instrument :
BNA_P
ClientSampleId :
C0BP1

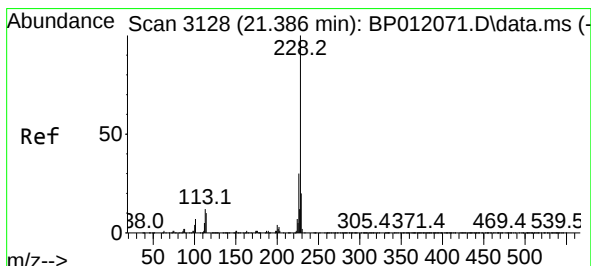
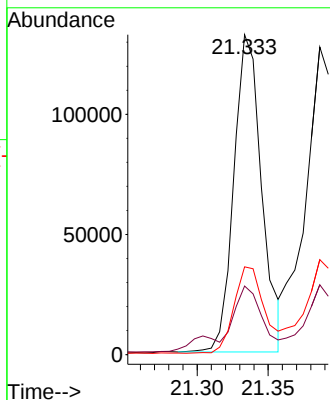
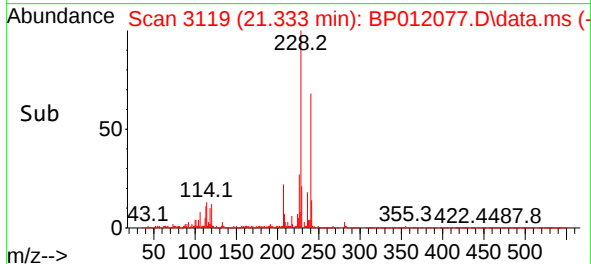


Tgt Ion:228 Resp: 179814
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 27.5 21.9 32.9

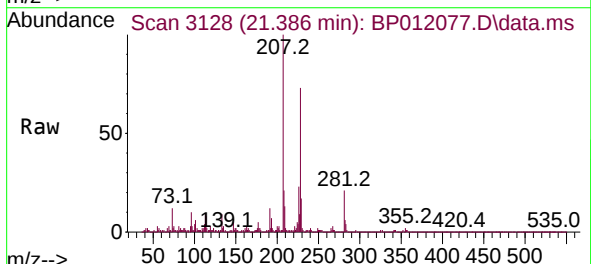
Manual Integrations
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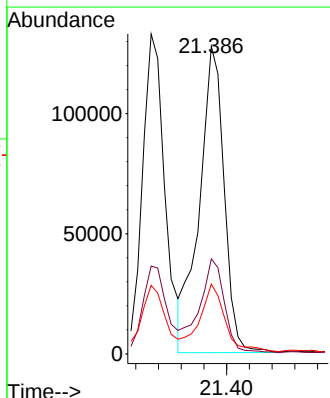
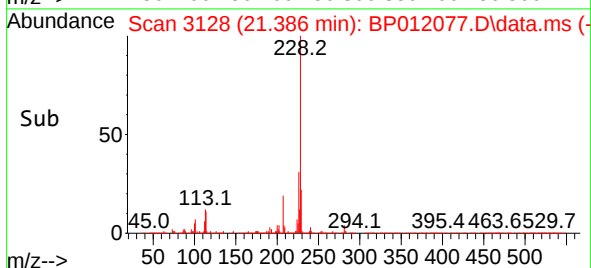
Supervised By :mohammad
ahmed
10/14/2022

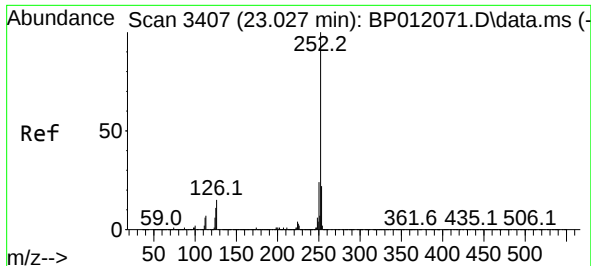


#87
Chrysene
Concen: 2.930 ng/u1
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51



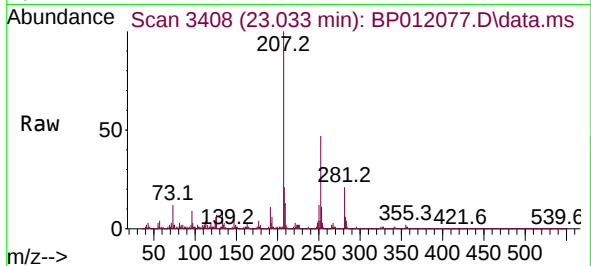
Tgt Ion:228 Resp: 194410
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 22.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 3.744 ng/ul
RT: 23.033 min Scan# 3407
Delta R.T. 0.006 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51

Instrument :
BNA_P
ClientSampleId :
C0BP1

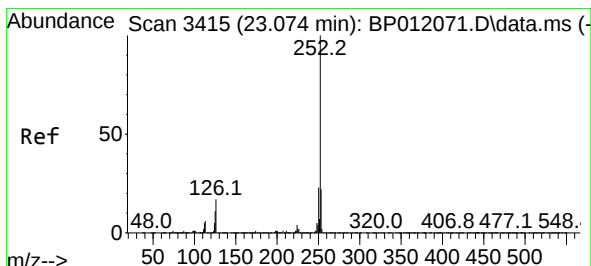
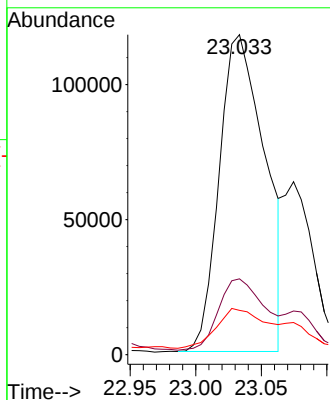
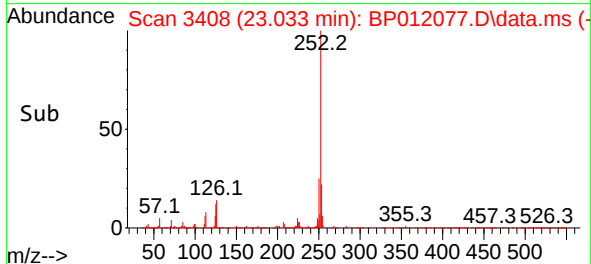


Tgt Ion:252 Resp: 283798
Ion Ratio Lower Upper
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253 23.7 17.6 26.4
125 13.8 7.8 11.8

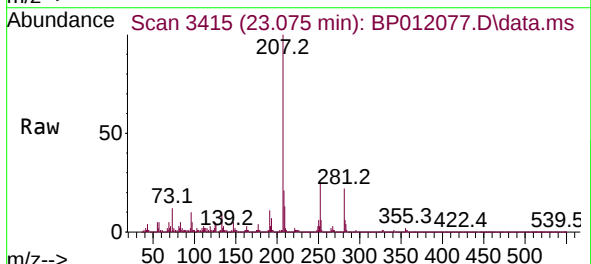
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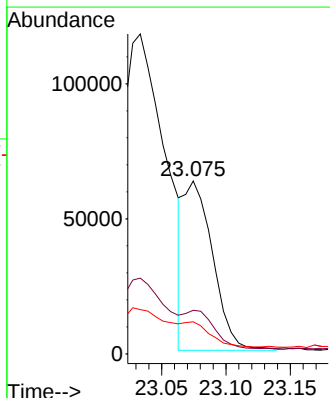
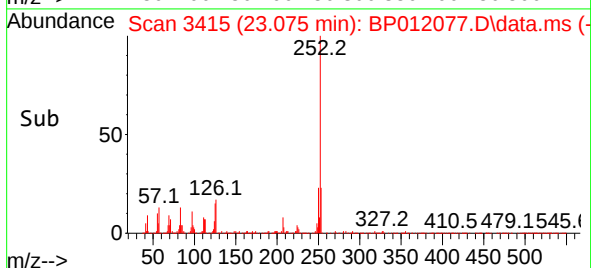
Supervised By :mohammad
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10/14/2022

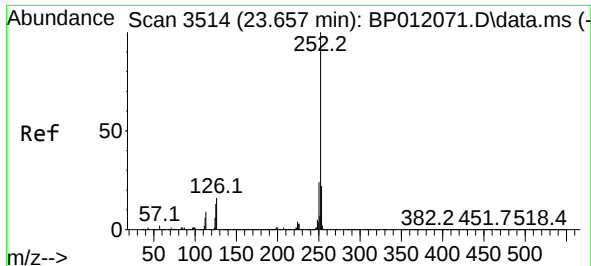


#91
Benzo(k)fluoranthene
Concen: 1.318 ng/ul m
RT: 23.075 min Scan# 3415
Delta R.T. 0.000 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51



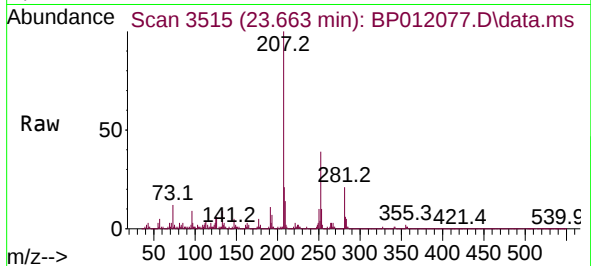
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Ion Ratio Lower Upper
252 100
253 25.2 17.6 26.4
125 18.5 8.2 12.2





#93
Benzo(a)pyrene
Concen: 2.952 ng/ul
RT: 23.663 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51

Instrument :
BNA_P
ClientSampleId :
C0BP1

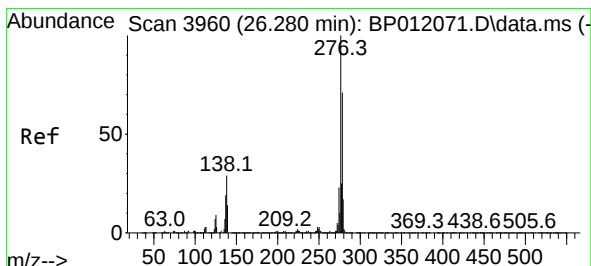
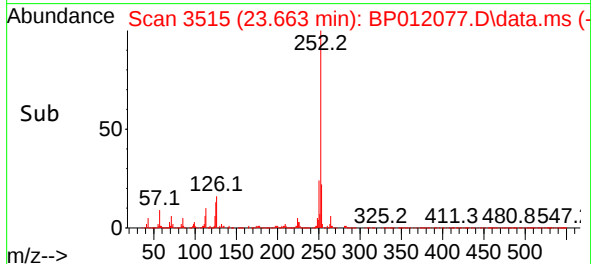
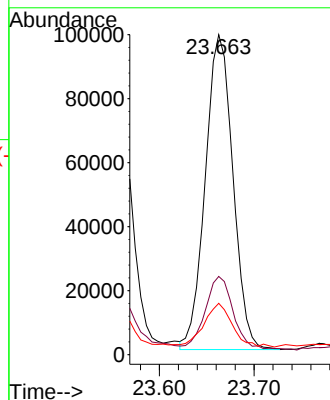


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Ion Ratio Lower Upper
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253 24.4 17.6 26.4
125 16.0 8.9 13.3

Manual Integrations
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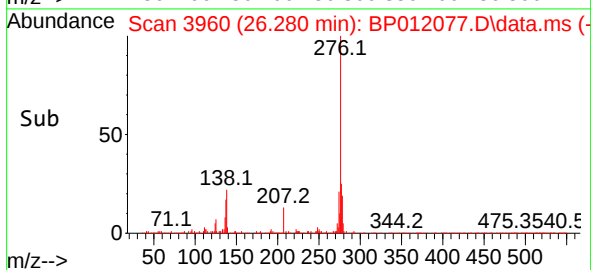
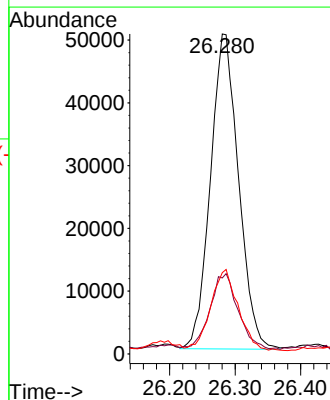
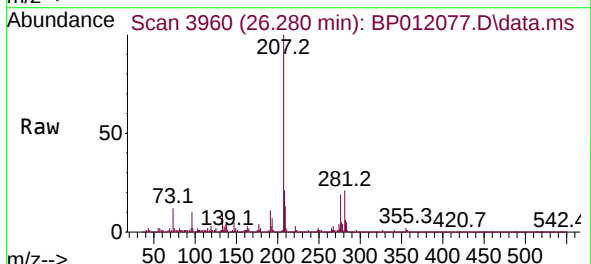
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Supervised By :mohammad ahmed 10/14/2022

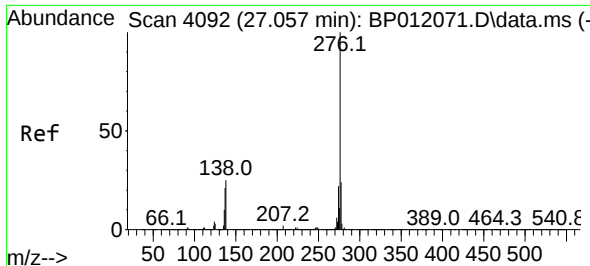
Supervised By :mohammad
ahmed
10/14/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.751 ng/ul
RT: 26.280 min Scan# 3960
Delta R.T. 0.000 min
Lab File: BP012077.D
Acq: 12 Oct 2022 12:51

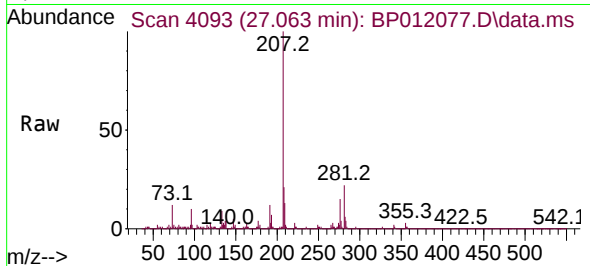
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Ion Ratio Lower Upper
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138 23.7 19.1 28.7
277 25.4 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.745 ng/ul
 RT: 27.063 min Scan# 4093
 Delta R.T. 0.006 min
 Lab File: BP012077.D
 Acq: 12 Oct 2022 12:51

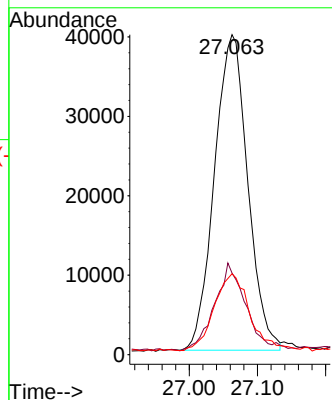
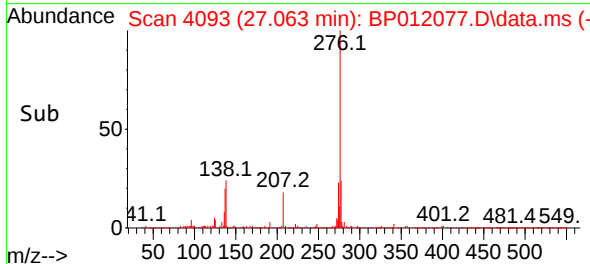
Instrument :
 BNA_P
 ClientSampleId :
 C0BP1



Tgt Ion:	276	Resp:	134554
Ion Ratio	Lower	Upper	
276	100		
138	25.5	16.5	24.7
277	25.3	19.0	28.4

Manual Integrations
 APPROVED

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



Supervised By :mohammad
 ahmed
 10/14/2022