

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
 Data File : BP012330.D
 Acq On : 26 Oct 2022 15:48
 Operator : CG/JU
 Sample : N5070-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BK7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 27 00:24:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	246493	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	1205256	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	841636	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	1925701	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	2164205	20.000	ng/u1	0.00
88) Perylene-d12	23.716	264	2548870	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17752	2.900	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.987	99	334833	15.145	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	238237	18.051	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	276689	17.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	94590	5.410	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	146013	18.682	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	156606	19.305	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	284930	16.207	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	224855	8.590	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	1192784	20.703	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1267460	19.250	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	134323	12.318	ng/u1	0.00
60) Fluorene-d10	15.457	176	1078090	21.855	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	135605	13.525	ng/u1	0.00
73) Anthracene-d10	17.322	188	1585538	19.109	ng/u1	0.00
81) Pyrene-d10	19.563	212	2300277	21.170	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	2592728	20.818	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.263	178	925653	9.099	ng/u1	98
74) Anthracene	17.357	178	182774	1.808	ng/u1	100
80) Fluoranthene	19.234	202	2955272	22.029	ng/u1	99
82) Pyrene	19.586	202	2327093	16.747	ng/u1	99
85) Benzo(a)anthracene	21.298	228	1372221	9.939	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	99588	1.257	ng/u1	95
87) Chrysene	21.351	228	1338716	10.372	ng/u1	97
90) Benzo(b)fluoranthene	22.980	252	2203473	13.652	ng/u1	99
91) Benzo(k)fluoranthene	23.027	252	635844m	4.134	ng/u1	
93) Benzo(a)pyrene	23.610	252	1350760	9.584	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.198	276	1147391	6.533	ng/u1	95
95) Dibenzo(a,h)anthracene	26.204	278	266492m	1.695	ng/u1	
96) Benzo(g,h,i)perylene	26.963	276	885753	5.705	ng/u1	100

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

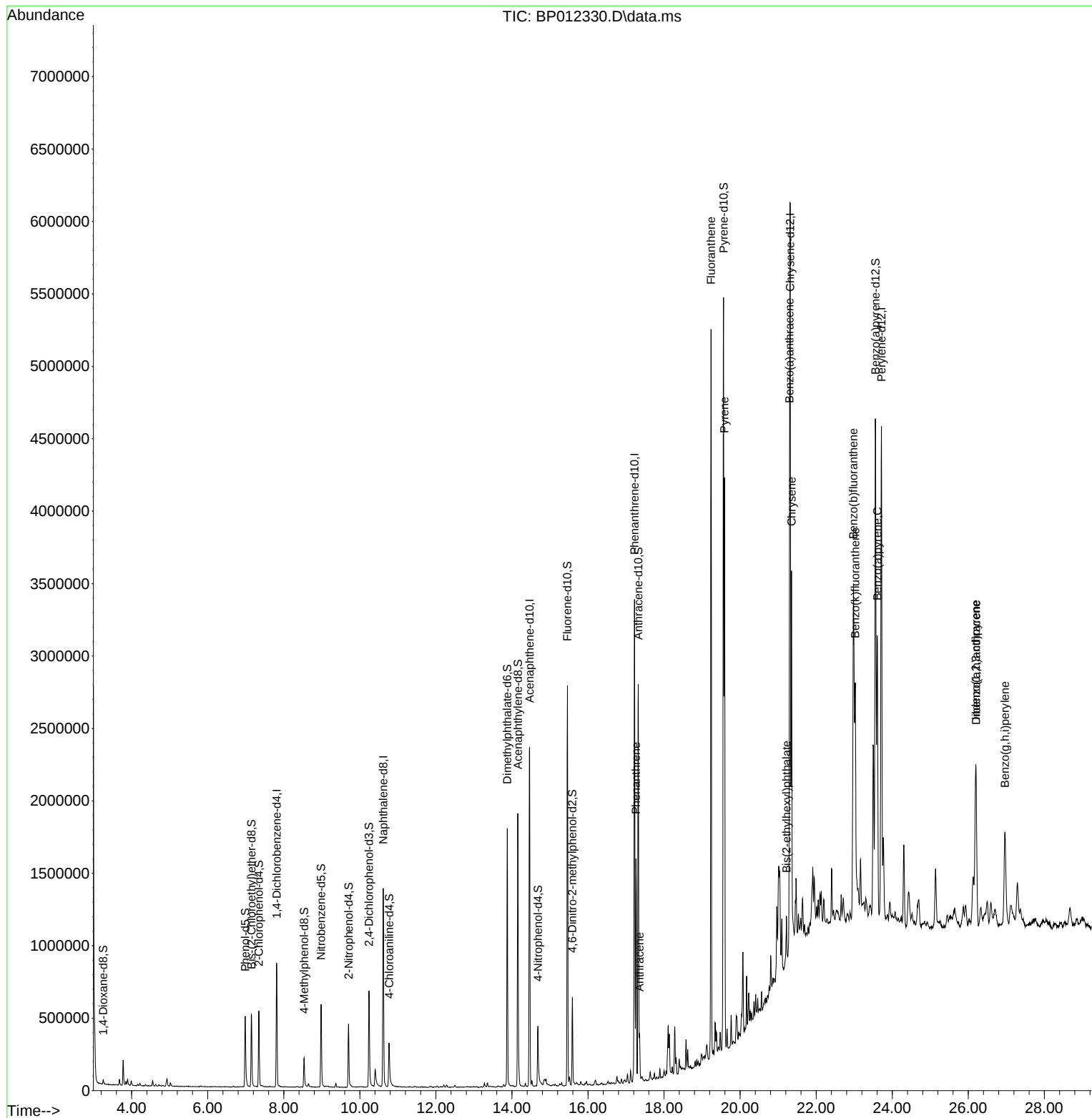
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
 Data File : BP012330.D
 Acq On : 26 Oct 2022 15:48
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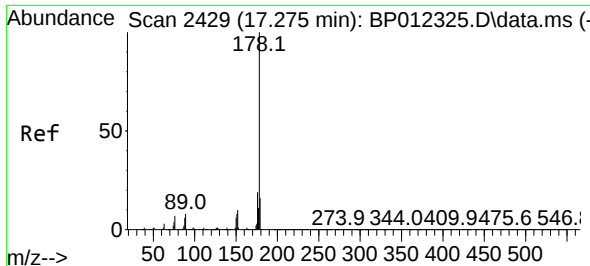
Instrument :
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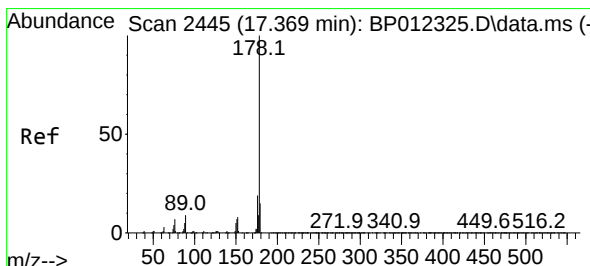
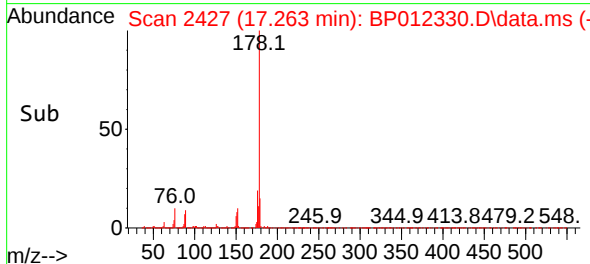
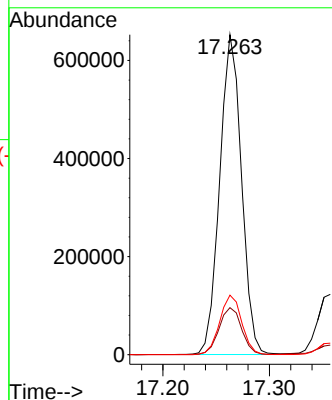
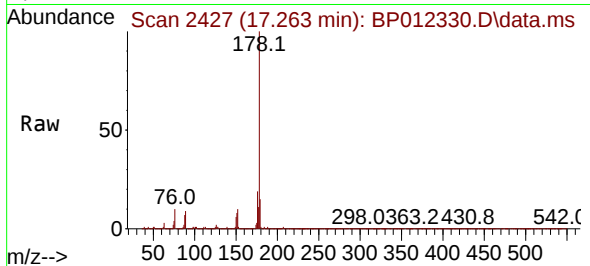
#72
Phenanthrene
Concen: 9.099 ng/ul
RT: 17.263 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48

Instrument :
BNA_P
ClientSampleId :
C0BK7

Tgt Ion:178 Resp: 92565
Ion Ratio Lower Upper
178 100
179 14.7 12.6 18.8
176 18.6 15.8 23.6

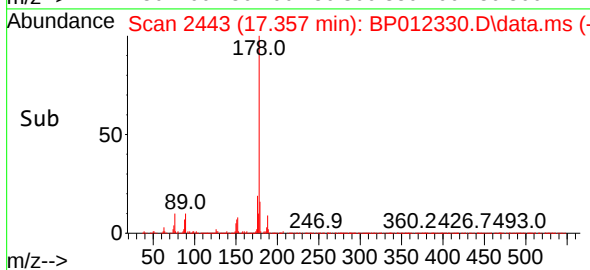
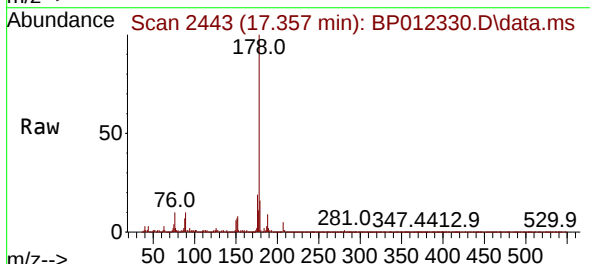
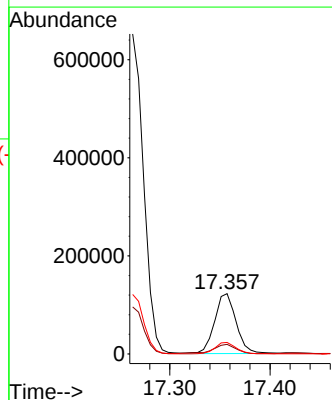
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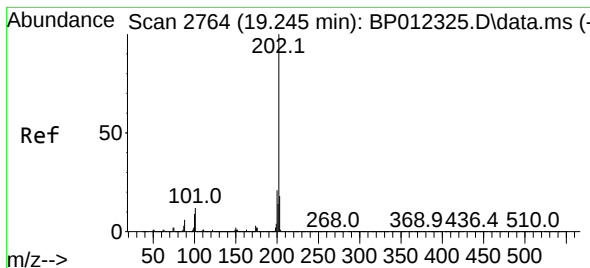
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#74
Anthracene
Concen: 1.808 ng/ul
RT: 17.357 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48

Tgt Ion:178 Resp: 182774
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.2 15.3 22.9





#80

Fluoranthene

Concen: 22.029 ng/u1

RT: 19.234 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP012330.D

Acq: 26 Oct 2022 15:48

Instrument :

BNA_P

ClientSampleId :

C0BK7

Tgt Ion:202 Resp: 295527

Ion Ratio Lower Upper

202 100

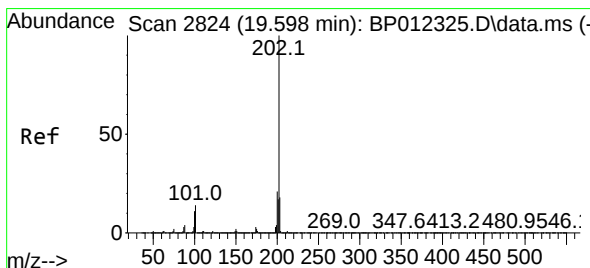
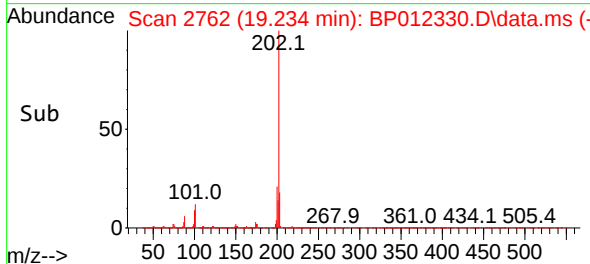
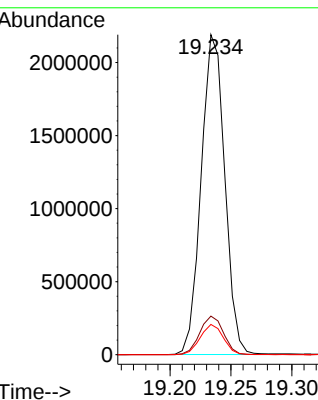
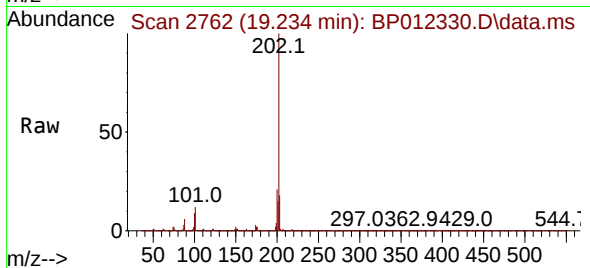
101 12.1 9.9 14.9

100 9.4 7.4 11.2

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Supervised By :mohammad ahmed 10/27/2022



#82

Pyrene

Concen: 16.747 ng/u1

RT: 19.586 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP012330.D

Acq: 26 Oct 2022 15:48

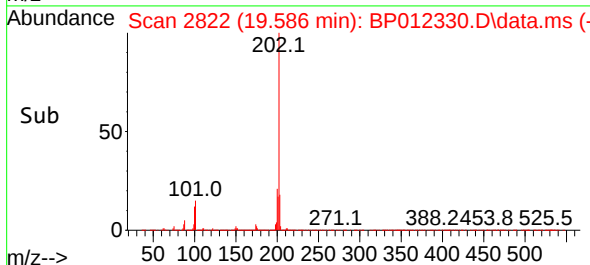
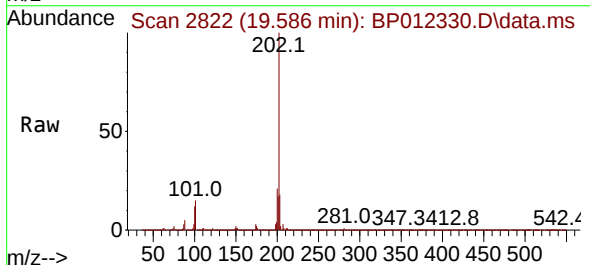
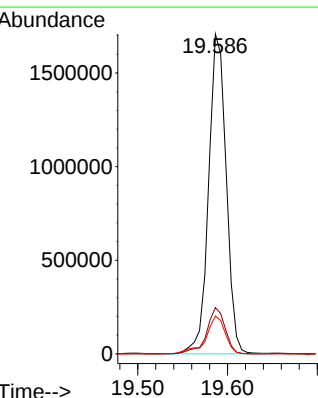
Tgt Ion:202 Resp: 2327093

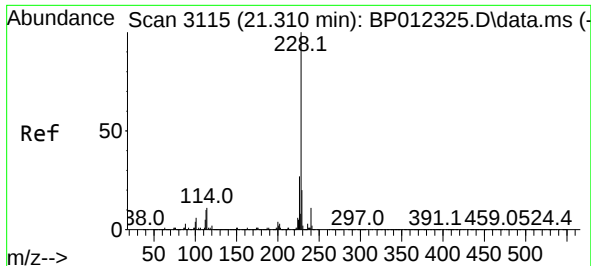
Ion Ratio Lower Upper

202 100

101 14.5 11.8 17.6

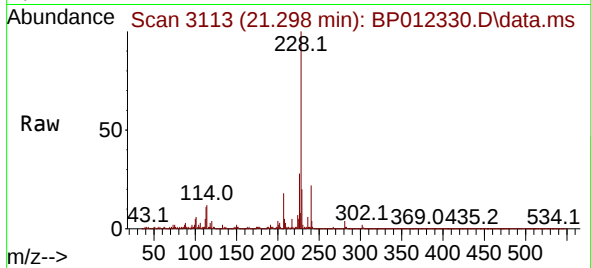
100 11.9 9.3 13.9





#85
Benzo(a)anthracene
Concen: 9.939 ng/ul
RT: 21.298 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48

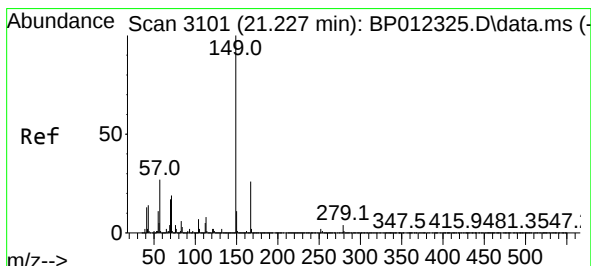
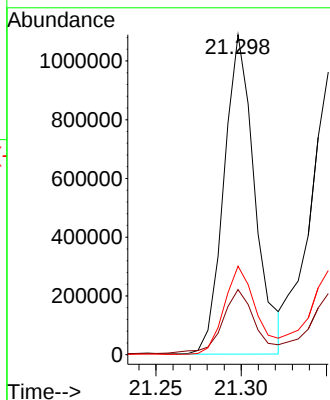
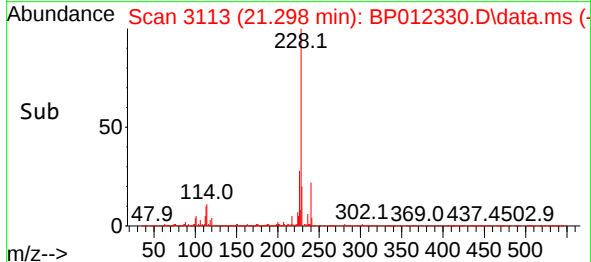
Instrument :
BNA_P
ClientSampleId :
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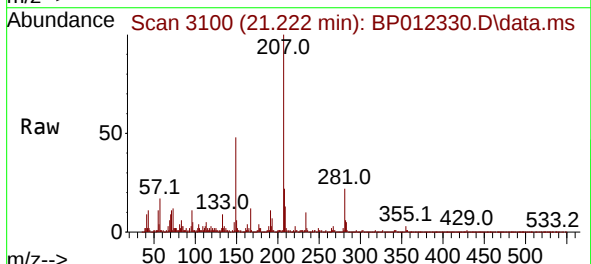
Tgt Ion:228 Resp: 137222
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 27.7 22.6 33.8

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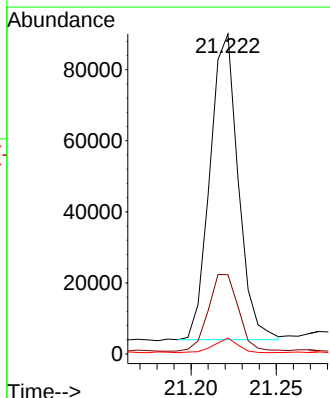
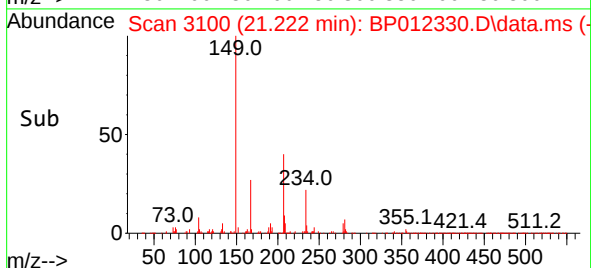
Reviewed By :Jagrut Upadhyay 10/27/2022
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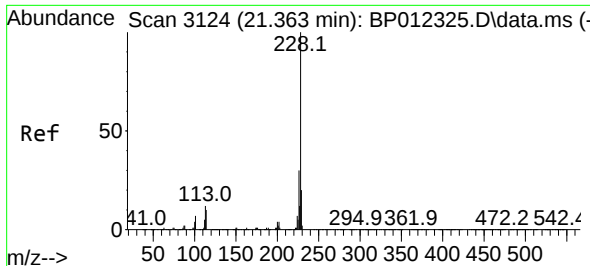


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.257 ng/ul
RT: 21.222 min Scan# 3100
Delta R.T. 0.001 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48



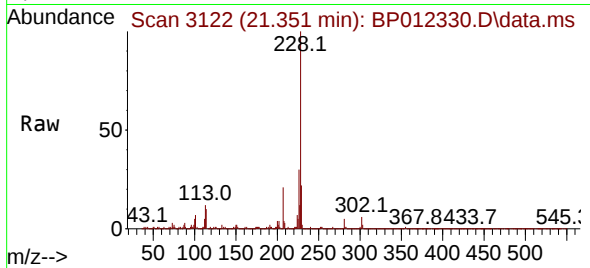
Tgt Ion:149 Resp: 99588
Ion Ratio Lower Upper
149 100
167 24.7 22.1 33.1
279 4.9 3.7 5.5





#87
Chrysene
Concen: 10.372 ng/u1
RT: 21.351 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48

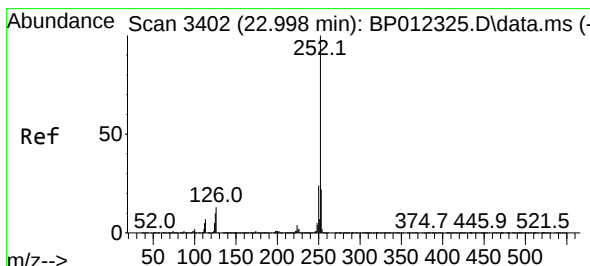
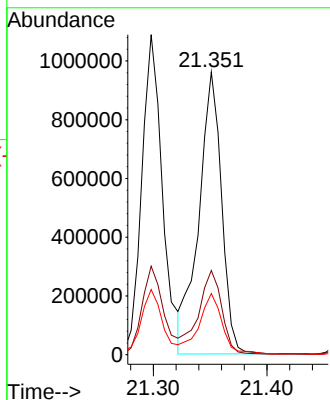
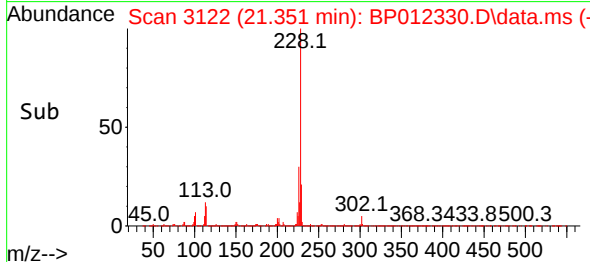
Instrument :
BNA_P
ClientSampleId :
C0BK7



Tgt Ion:228 Resp: 1338710
Ion Ratio Lower Upper
228 100
226 29.8 24.9 37.3
229 21.6 16.0 24.0

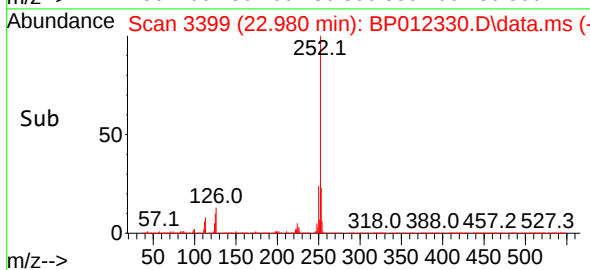
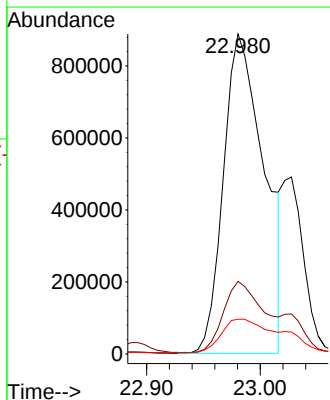
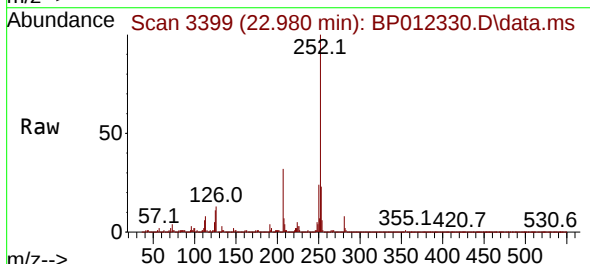
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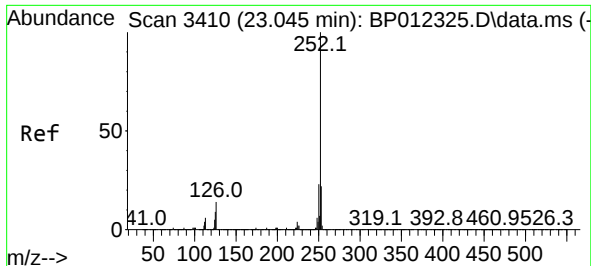
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#90
Benzo(b)fluoranthene
Concen: 13.652 ng/u1
RT: 22.980 min Scan# 3399
Delta R.T. 0.000 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48

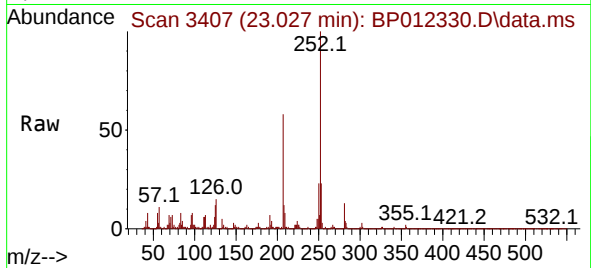
Tgt Ion:252 Resp: 2203473
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.9 8.7 13.1





#91
Benzo(k)fluoranthene
Concen: 4.134 ng/ul m
RT: 23.027 min Scan# 3410
Delta R.T. 0.000 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48

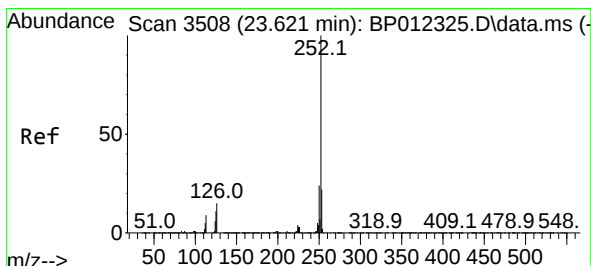
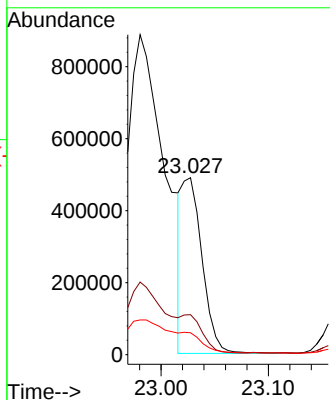
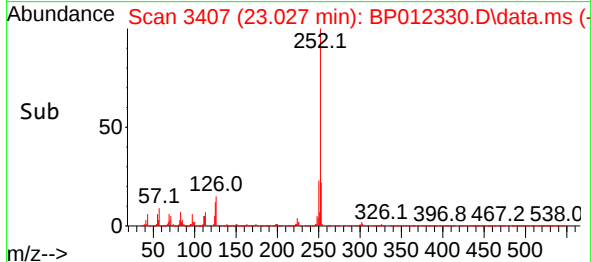
Instrument :
BNA_P
ClientSampleId :
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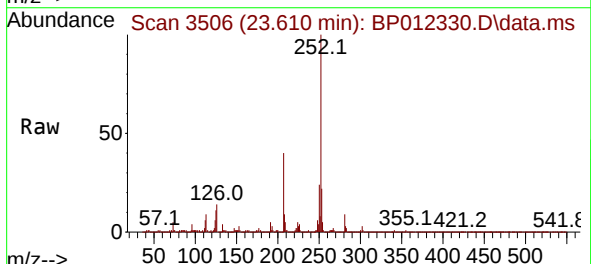
Tgt Ion:252 Resp: 635844
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 12.4 8.7 13.1

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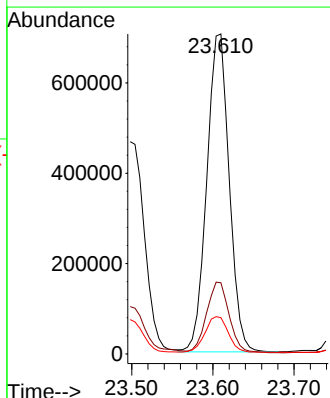
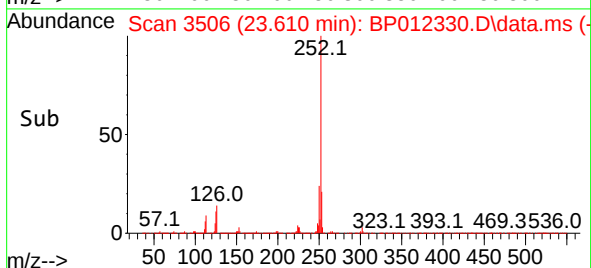
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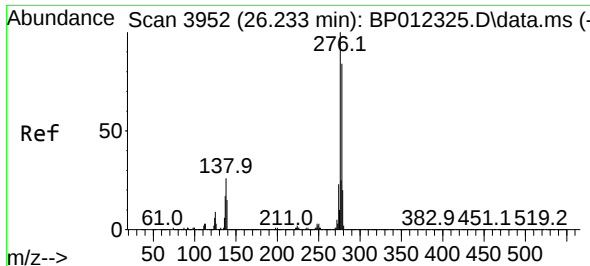


#93
Benzo(a)pyrene
Concen: 9.584 ng/ul
RT: 23.610 min Scan# 3506
Delta R.T. -0.000 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48



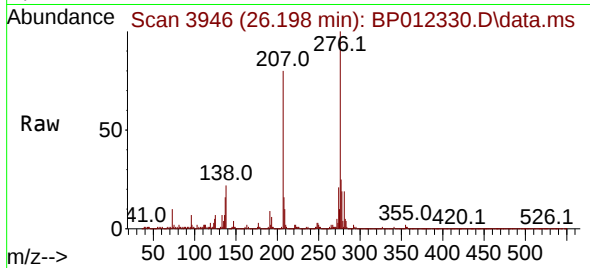
Tgt Ion:252 Resp: 1350760
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.4 9.4 14.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 6.533 ng/ul
RT: 26.198 min Scan# 3946
Delta R.T. -0.005 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48

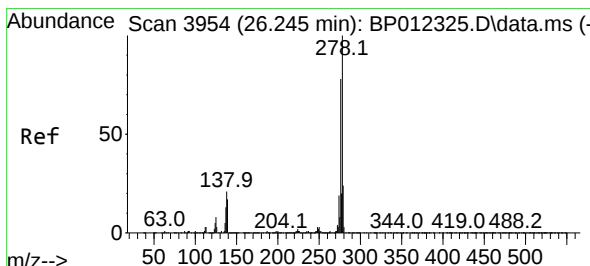
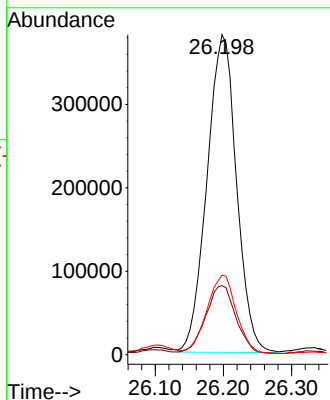
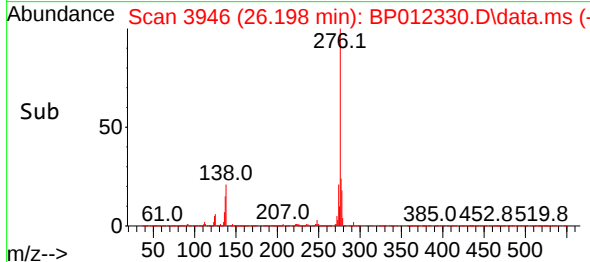
Instrument :
BNA_P
ClientSampleId :
C0BK7



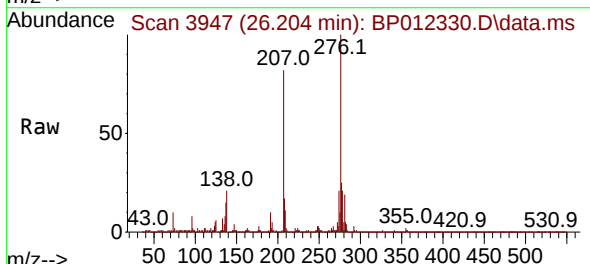
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Ion Ratio Lower Upper
276 100
138 21.6 20.7 31.1
277 24.8 20.2 30.4

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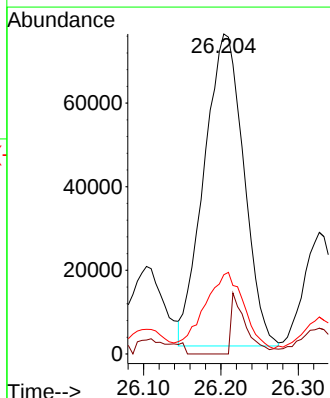
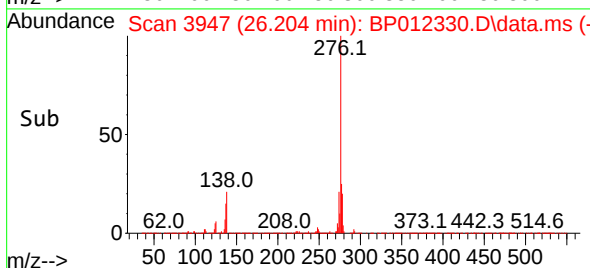
Reviewed By :Jagrut Upadhyay 10/27/2022
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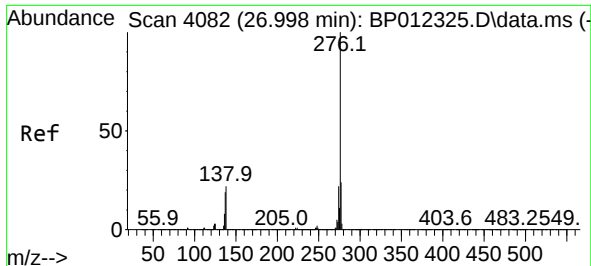


#95
Dibenzo(a,h)anthracene
Concen: 1.695 ng/ul m
RT: 26.204 min Scan# 3947
Delta R.T. -0.017 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48



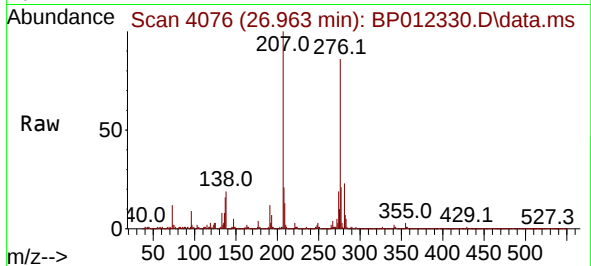
Tgt Ion: 278 Resp: 266492
Ion Ratio Lower Upper
278 100
139 0.0 13.2 19.8#
279 24.8 19.4 29.0





#96
Benzo(g,h,i)perylene
Concen: 5.705 ng/ul
RT: 26.963 min Scan# 4082
Delta R.T. -0.011 min
Lab File: BP012330.D
Acq: 26 Oct 2022 15:48

Instrument :
BNA_P
ClientSampleId :
C0BK7



Tgt Ion:276 Resp: 88575
Ion Ratio Lower Upper
276 100
138 22.3 17.8 26.8
277 24.4 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

