

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018944.D
 Acq On : 19 Dec 2023 12:51
 Operator : MA/JU
 Sample : 05818-02DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRG7DL

Quant Time: Dec 20 00:16:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

12/20/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	215051	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	838772	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	540096	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1274902	20.000	ng/u1	0.00
79) Chrysene-d12	21.303	240	1260254	20.000	ng/u1	-0.01
88) Perylene-d12	23.674	264	1519439	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	3512	0.557	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.004	99	62812	2.911	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	37281	2.915	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	51324	3.048	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	48569	2.781	ng/u1	-0.01
21) Nitrobenzene-d5	8.992	128	23664	3.170	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	24615	3.180	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	51130	3.231	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	32552	1.574	ng/u1	0.00
46) Dimethylphthalate-d6	13.874	166	157317	3.264	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	184345	3.473	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	10385m	1.312	ng/u1	0.00
60) Fluorene-d10	15.451	176	151749	3.750	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	4408	0.577	ng/u1	0.00
73) Anthracene-d10	17.310	188	248790	3.712	ng/u1	0.00
81) Pyrene-d10	19.551	212	310523	3.165	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	309666	3.495	ng/u1	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.657	105	44961	1.727	ng/u1	98
50) Acenaphthylene	14.186	152	75569	1.266	ng/u1	99
72) Phenanthrene	17.257	178	727618	9.450	ng/u1	100
74) Anthracene	17.345	178	216941	2.811	ng/u1	99
80) Fluoranthene	19.227	202	2200386	18.975	ng/u1	96
82) Pyrene	19.580	202	2566806	21.942	ng/u1	94
85) Benzo(a)anthracene	21.292	228	1771656	17.319	ng/u1	98
87) Chrysene	21.339	228	1803067	19.141	ng/u1	98
90) Benzo(b)fluoranthene	22.950	252	2439409	21.775	ng/u1	97
91) Benzo(k)fluoranthene	22.997	252	712463m	6.573	ng/u1	
93) Benzo(a)pyrene	23.568	252	1812317	17.704	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	1348323	11.024	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.139	278	390244	3.836	ng/u1	94
96) Benzo(g,h,i)perylene	26.886	276	465998	4.734	ng/u1#	94

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

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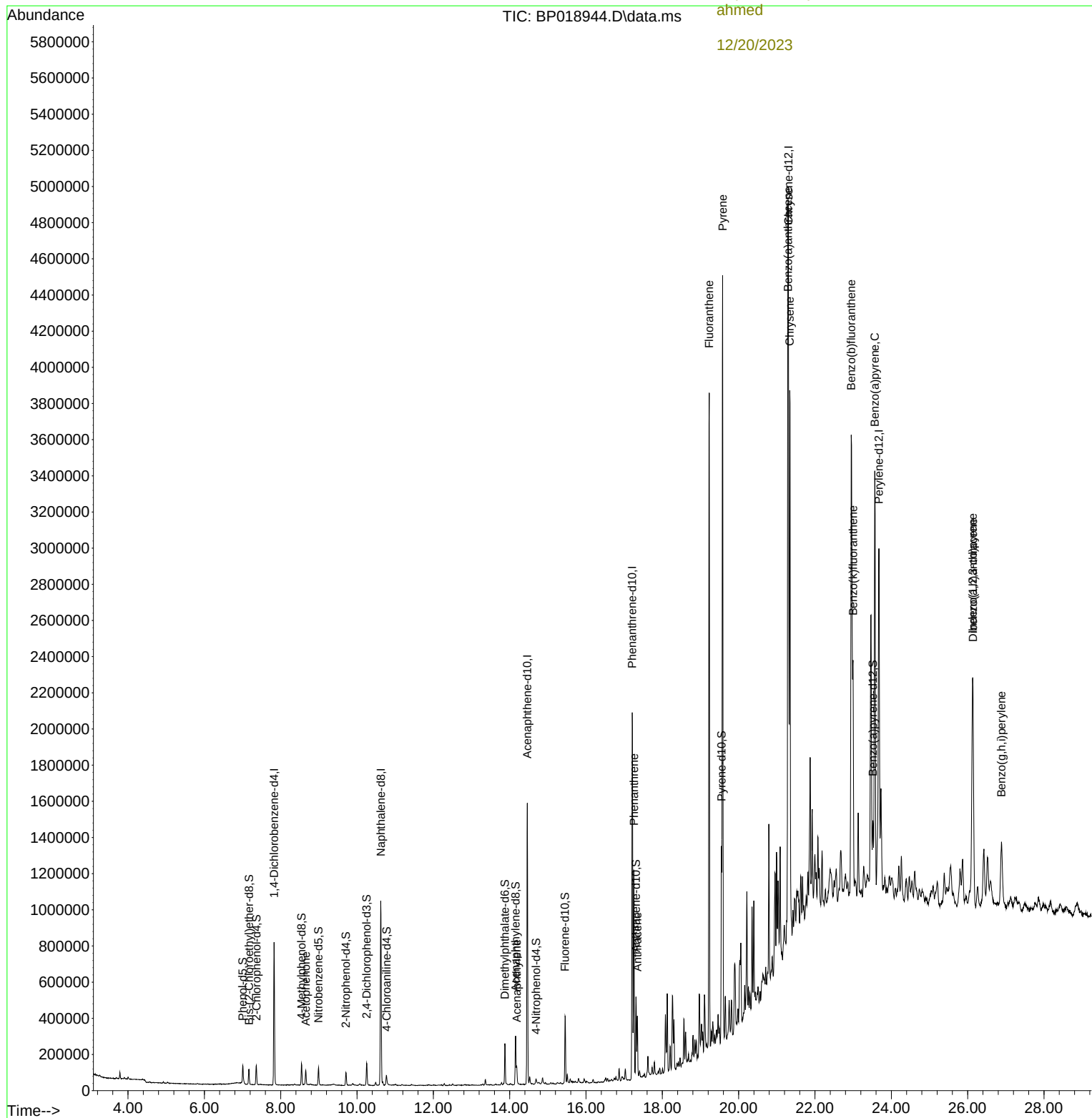
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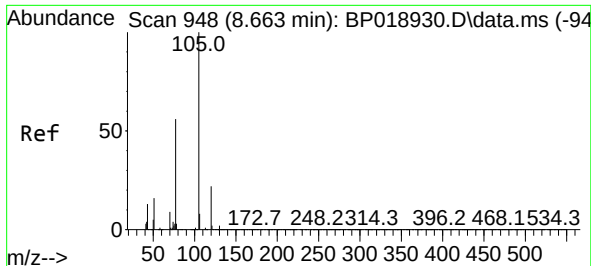
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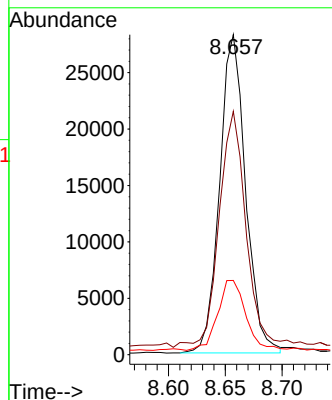
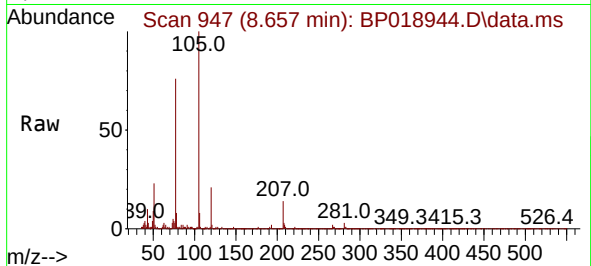
#16
Acetophenone
Concen: 1.727 ng/ul
RT: 8.657 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Instrument :
BNA_P
ClientSampleId :
BGRG7DL

Tgt Ion:	105	Resp:	4496
Ion Ratio	Lower	Upper	
105	100		
77	76.0	59.4	89.0
51	23.2	19.4	29.0

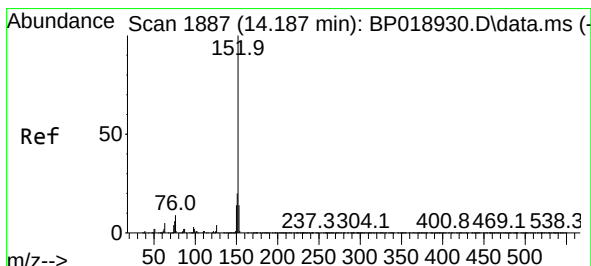
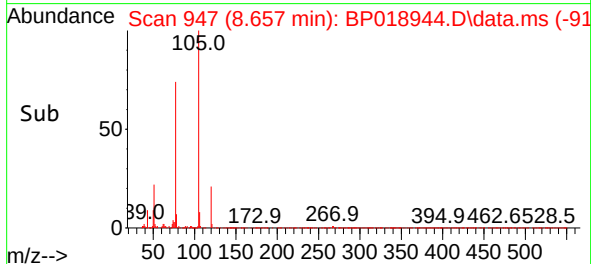
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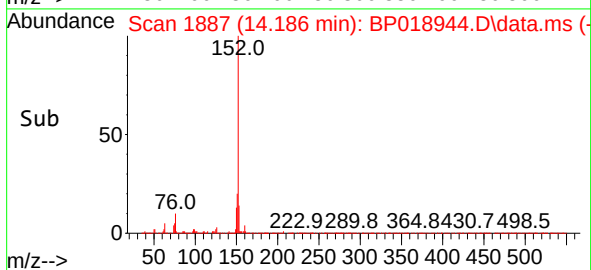
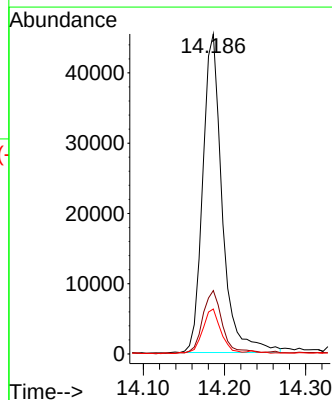
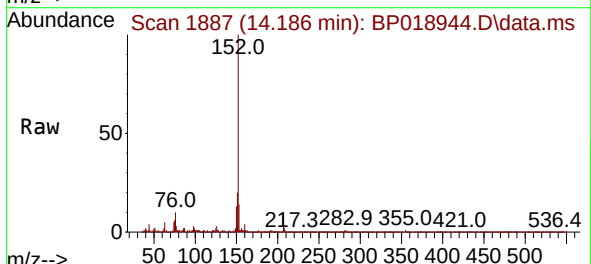
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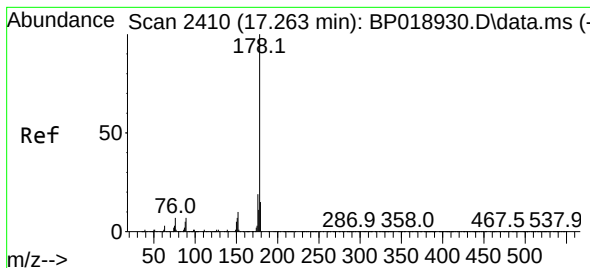
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#50
Acenaphthylene
Concen: 1.266 ng/ul
RT: 14.186 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Tgt Ion:	152	Resp:	75569
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	14.0	10.6	16.0





#72

Phenanthrene

Concen: 9.450 ng/ul

RT: 17.257 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP018944.D

Acq: 19 Dec 2023 12:51

Instrument :

BNA_P

ClientSampleId :

BGRG7DL

Tgt Ion:178	Resp: 727618
Ion Ratio	Lower Upper
178 100	
179 15.2	12.3 18.5
176 19.1	15.4 23.2

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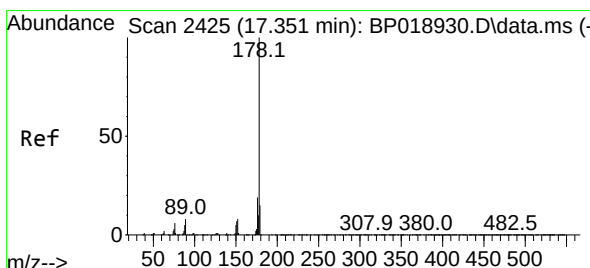
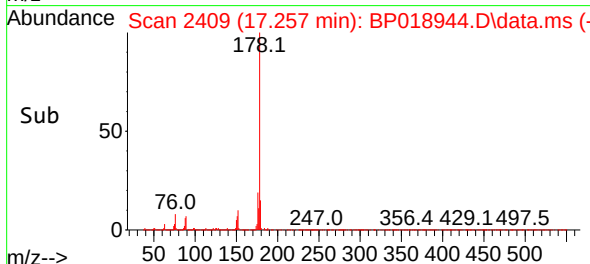
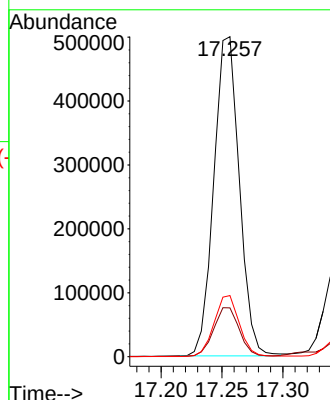
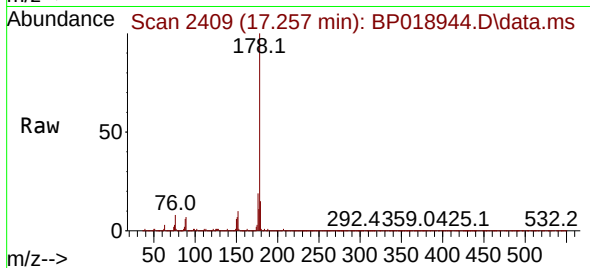
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#74

Anthracene

Concen: 2.811 ng/ul

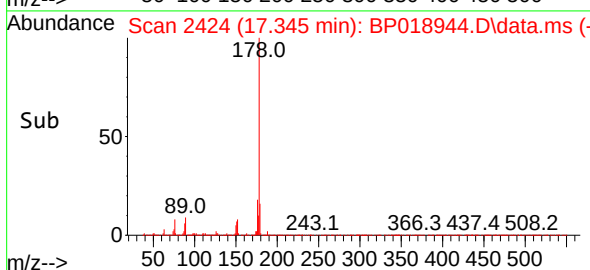
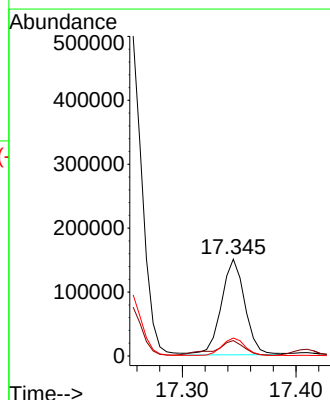
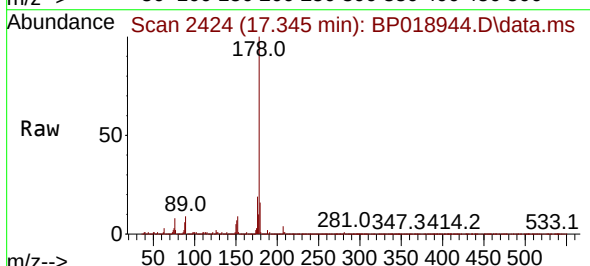
RT: 17.345 min Scan# 2424

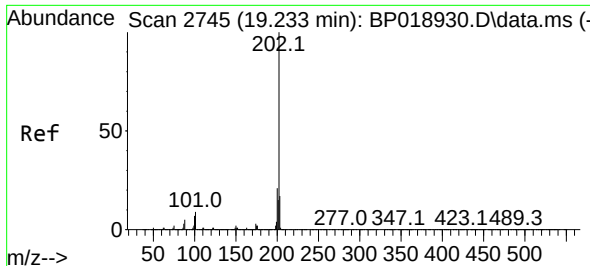
Delta R.T. -0.006 min

Lab File: BP018944.D

Acq: 19 Dec 2023 12:51

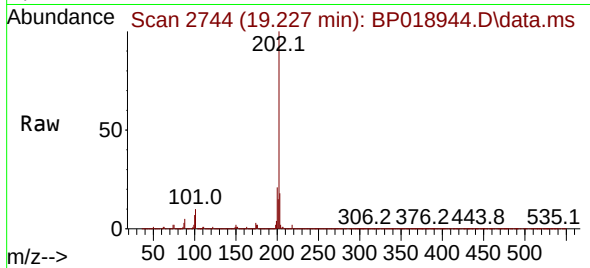
Tgt Ion:178	Resp: 216941
Ion Ratio	Lower Upper
178 100	
179 15.8	12.5 18.7
176 18.6	15.0 22.6





#80
Fluoranthene
Concen: 18.975 ng/ul
RT: 19.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Instrument :
BNA_P
ClientSampleId :
BGRG7DL



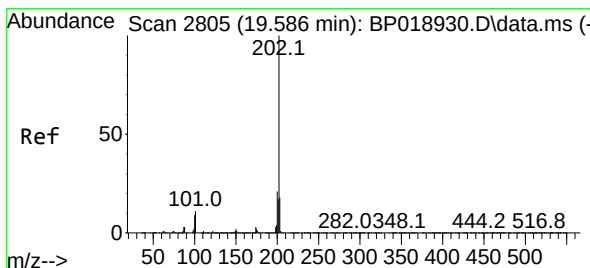
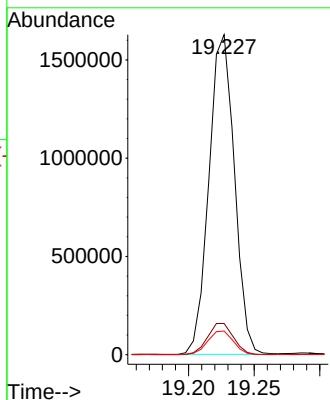
Tgt Ion:202 Resp: 2200380
Ion Ratio Lower Upper
202 100
101 9.8 9.1 13.7
100 7.4 7.1 10.7

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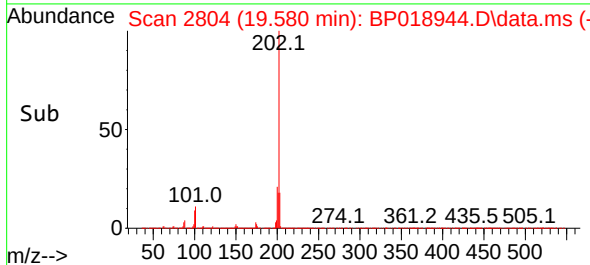
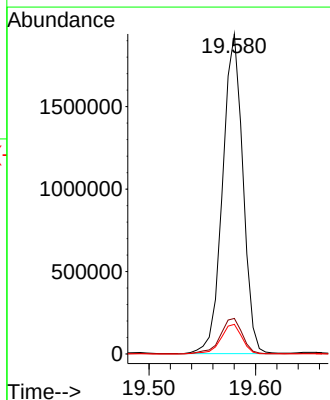
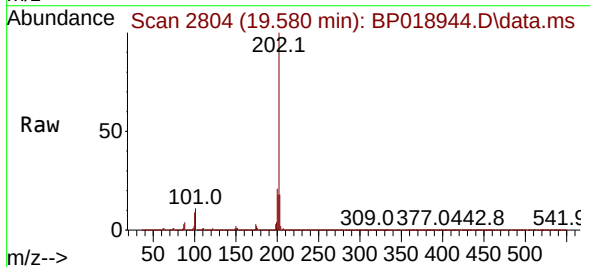
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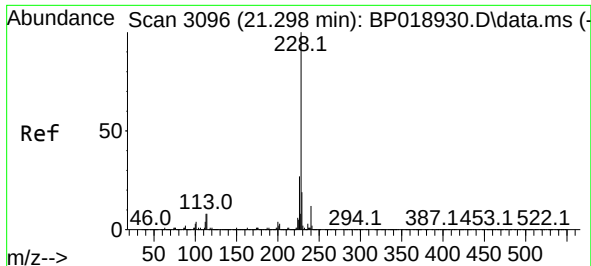
12/20/2023



#82
Pyrene
Concen: 21.942 ng/ul
RT: 19.580 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

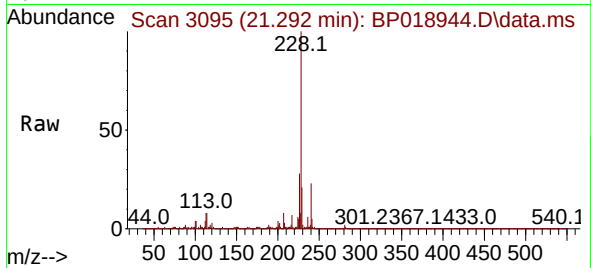
Tgt Ion:202 Resp: 2566806
Ion Ratio Lower Upper
202 100
101 11.1 11.0 16.4
100 9.2 9.1 13.7





#85
Benzo(a)anthracene
Concen: 17.319 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Instrument :
BNA_P
ClientSampleId :
BGRG7DL



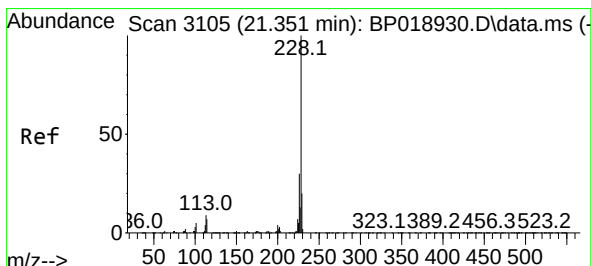
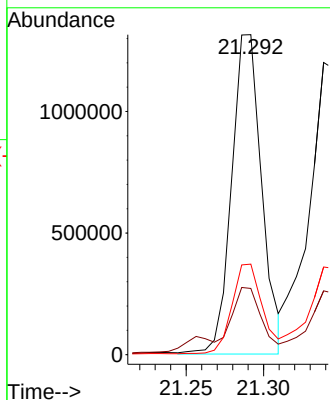
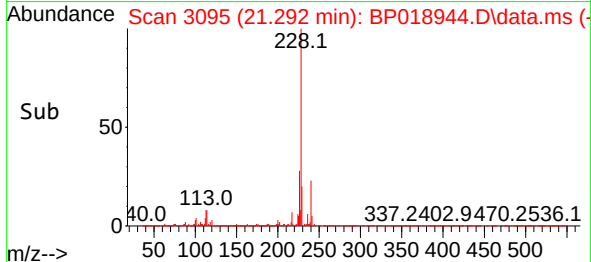
Tgt Ion:228 Resp: 1771650
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.3 21.9 32.9

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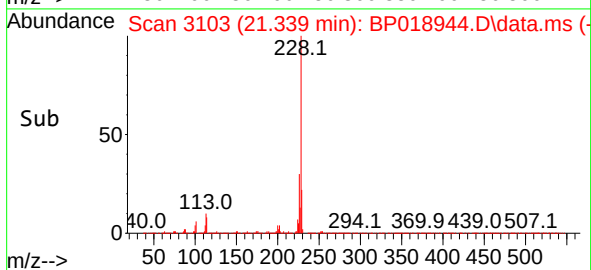
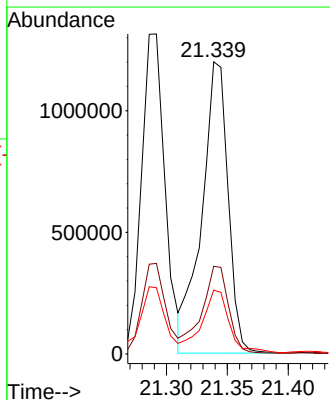
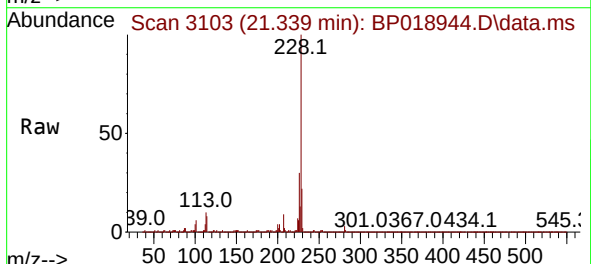
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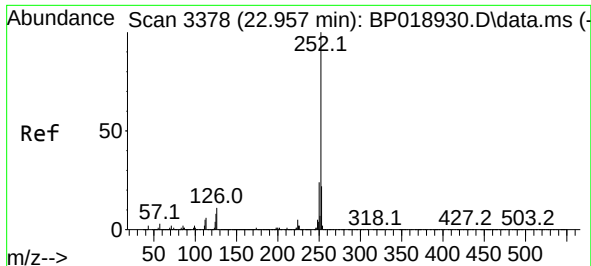
12/20/2023



#87
Chrysene
Concen: 19.141 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

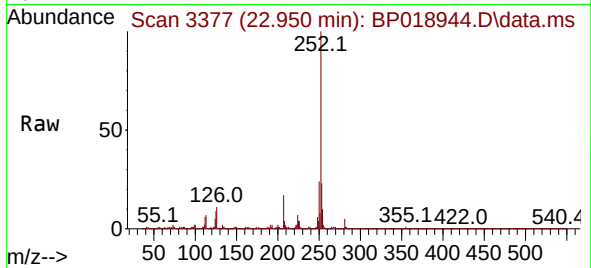
Tgt Ion:228 Resp: 1803067
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 21.8 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 21.775 ng/ul
RT: 22.950 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Instrument :
BNA_P
ClientSampleId :
BGRG7DL



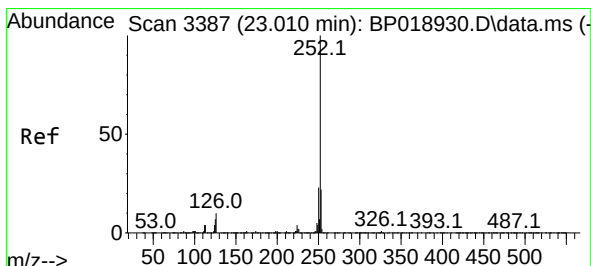
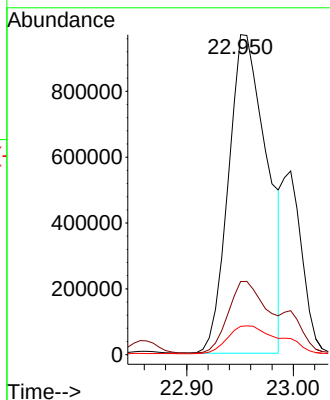
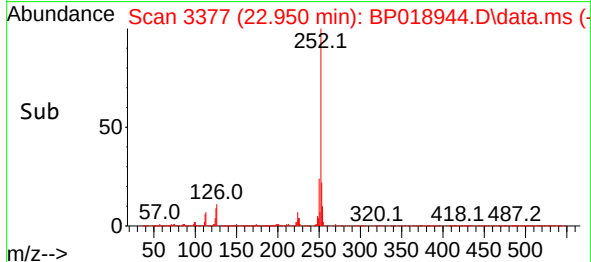
Tgt Ion:252 Resp: 2439409
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 8.9 7.8 11.6

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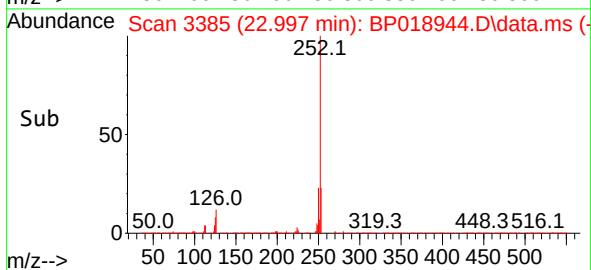
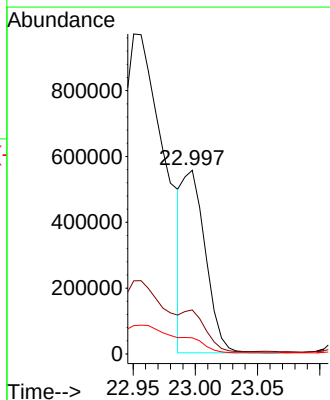
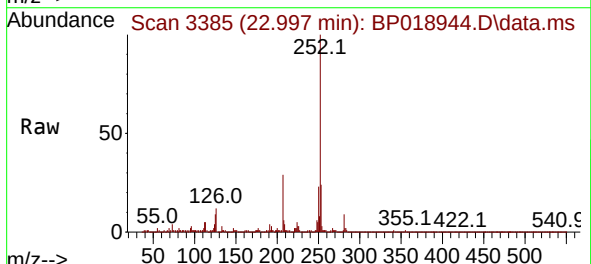
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Supervised By :mohammad
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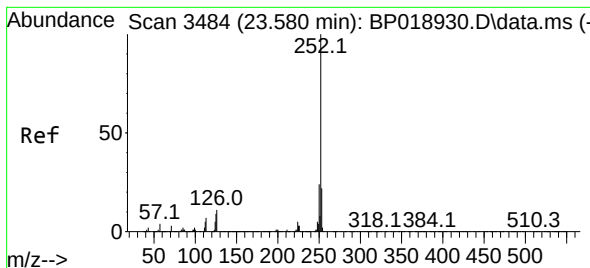
12/20/2023



#91
Benzo(k)fluoranthene
Concen: 6.573 ng/ul m
RT: 22.997 min Scan# 3385
Delta R.T. -0.012 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Tgt Ion:252 Resp: 712463
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 8.8 8.0 12.0





#93

Benzo(a)pyrene

Concen: 17.704 ng/ul

RT: 23.568 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP018944.D

Acq: 19 Dec 2023 12:51

Instrument :

BNA_P

ClientSampleId :

BGRG7DL

Tgt Ion:252 Resp: 181231

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 9.2 9.2 13.8

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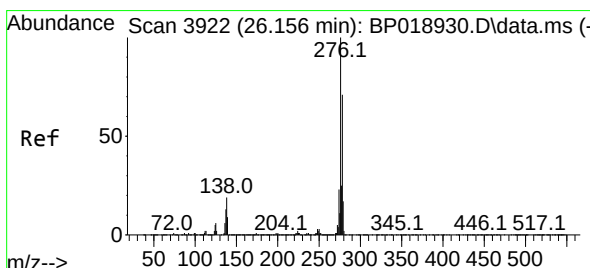
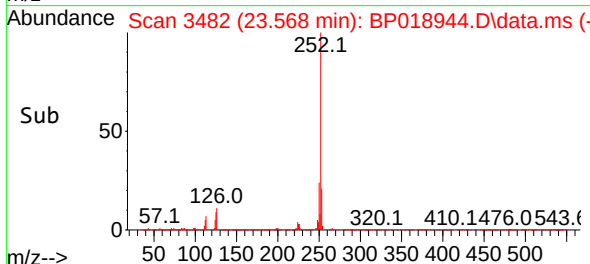
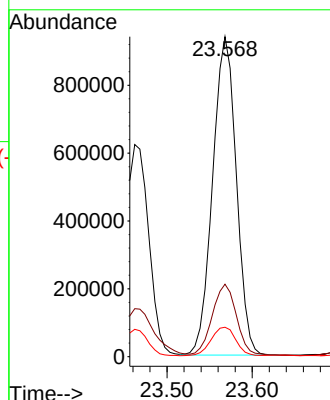
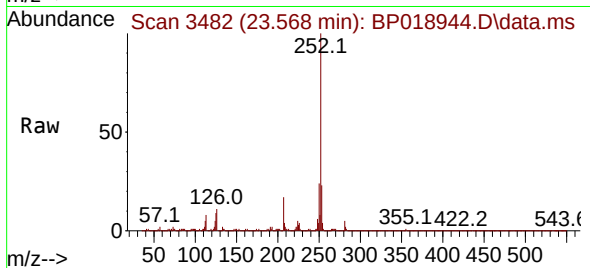
Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023

12/20/2023

Supervised By :mohammad
ahmed

12/20/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.024 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. -0.024 min

Lab File: BP018944.D

Acq: 19 Dec 2023 12:51

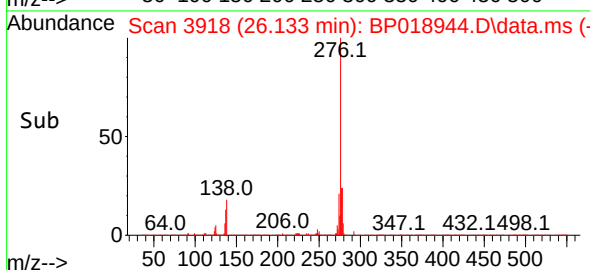
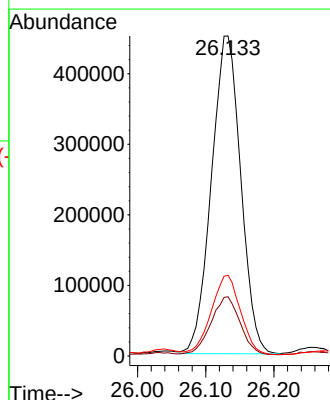
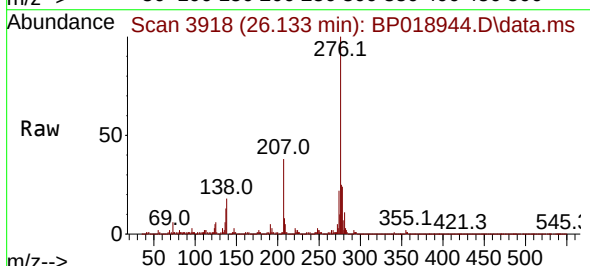
Tgt Ion:276 Resp: 1348323

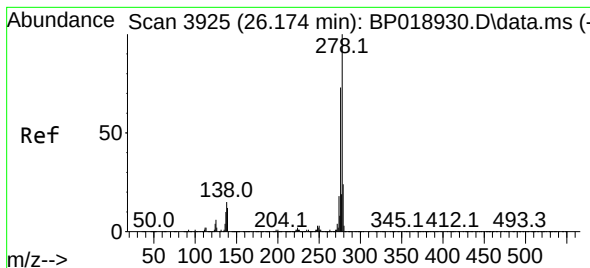
Ion Ratio Lower Upper

276 100

138 18.5 19.4 29.2#

277 25.2 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 3.836 ng/ul

RT: 26.139 min Scan# 3925

Delta R.T. -0.036 min

Lab File: BP018944.D

Acq: 19 Dec 2023 12:51

Instrument :

BNA_P

ClientSampleId :

BGRG7DL

Tgt Ion:	278	Resp:	39024
Ion Ratio	Lower	Upper	
278	100		
139	17.0	13.0	19.6
279	27.9	18.7	28.1

Manual Integrations

APPROVED

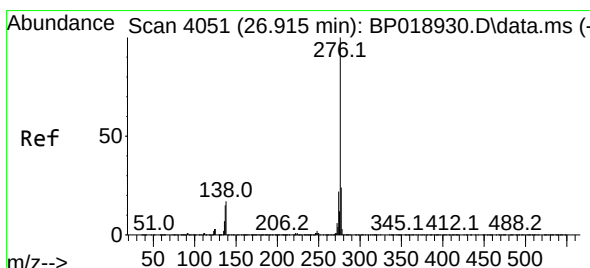
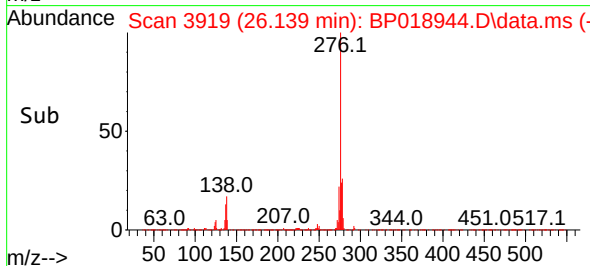
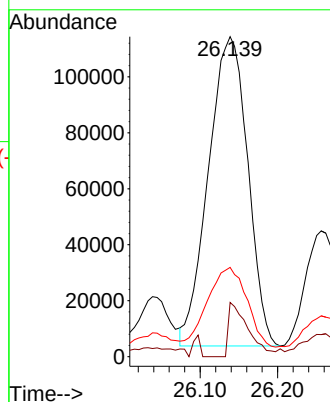
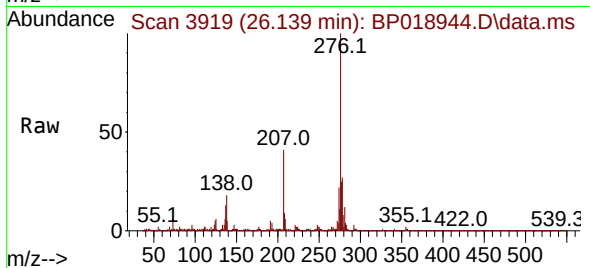
Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023

12/20/2023

Supervised By :mohammad ahmed

12/20/2023



#96

Benzo(g,h,i)perylene

Concen: 4.734 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. -0.030 min

Lab File: BP018944.D

Acq: 19 Dec 2023 12:51

Tgt Ion:	276	Resp:	465998
Ion Ratio	Lower	Upper	
276	100		
138	18.0	18.1	27.1#
277	25.5	19.4	29.0

