

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022846.D
 Acq On : 05 Nov 2024 04:28
 Operator : RC/JU
 Sample : P4568-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EF5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 05 05:01:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	60137	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	224823	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.240	164	180297	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.057	188	456023	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.486	240	557291	20.000	ng/ul	-0.01
88) Perylene-d12	24.733	264	732252	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	5627	3.636	ng/uL	0.00
4) Pyridine-d5	3.593	84	75003	17.655	ng/ul	0.00
7) Phenol-d5	6.828	99	110350	21.799	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	65493	22.013	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	86822	24.171	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	98637	24.416	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	43055	24.907	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	52224	26.094	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	111238	26.151	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.534	131	107164	21.321	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	384662	26.852	ng/ul	-0.01
49) Acenaphthylene-d8	13.928	160	409721	26.929	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.510	143	41432m	17.240	ng/ul	0.00
60) Fluorene-d10	15.257	176	352929	28.405	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.393	200	51099	17.038	ng/ul	-0.01
73) Anthracene-d10	17.145	188	612063	28.531	ng/ul	-0.02
81) Pyrene-d10	19.539	212	810937	27.517	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264	1128570	28.859	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.092	178	60250	2.469	ng/ul	99
80) Fluoranthene	19.192	202	121777	3.594	ng/ul	97
82) Pyrene	19.569	202	109944	3.028	ng/ul#	95
85) Benzo(a)anthracene	21.469	228	61896	1.584	ng/ul	96
87) Chrysene	21.533	228	69536	1.920	ng/ul	97
90) Benzo(b)fluoranthene	23.721	252	106265m	2.305	ng/ul	
93) Benzo(a)pyrene	24.586	252	66093	1.558	ng/ul#	96
96) Benzo(g,h,i)perylene	29.574	276	51352	1.166	ng/ul#	97

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

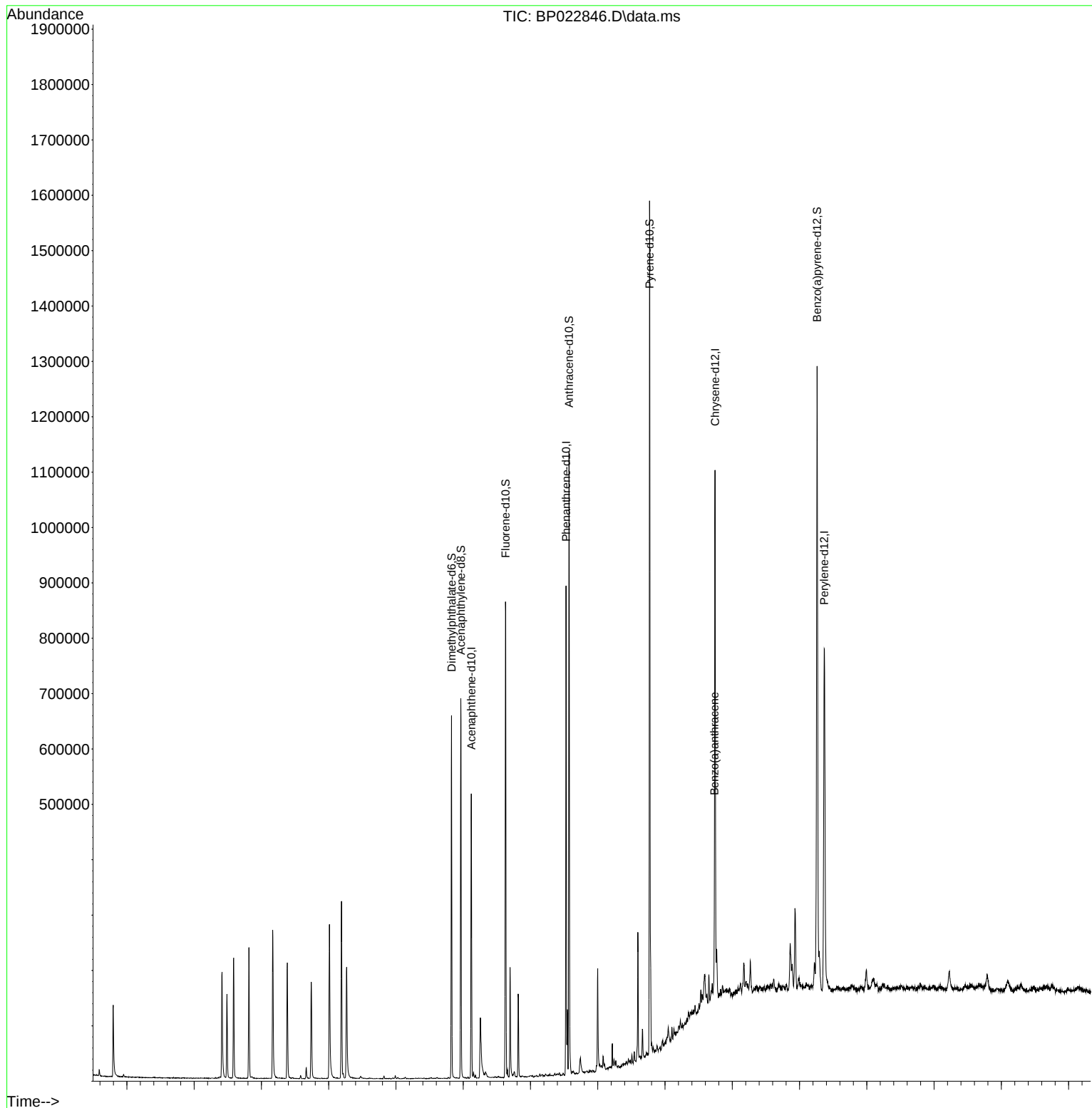
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
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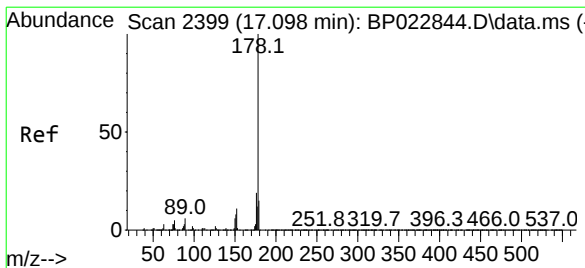
Instrument :
BNA_P
ClientSampleId :
A4EF5

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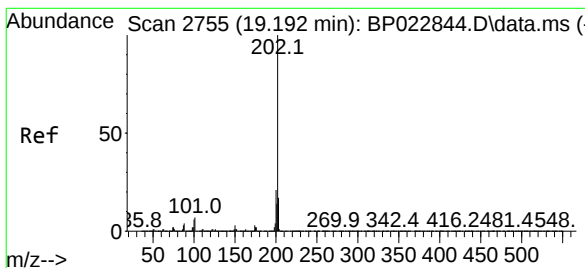
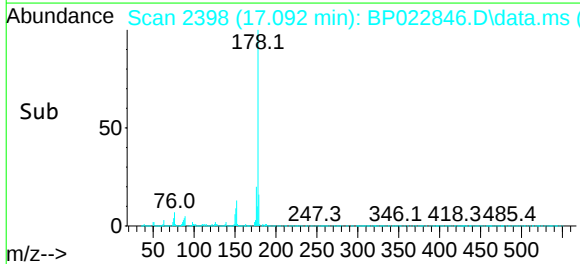
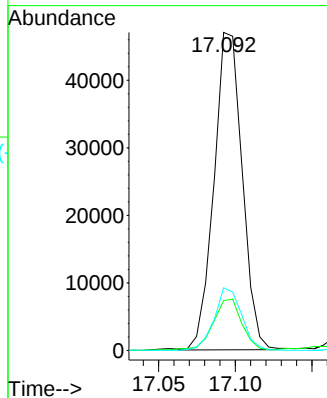
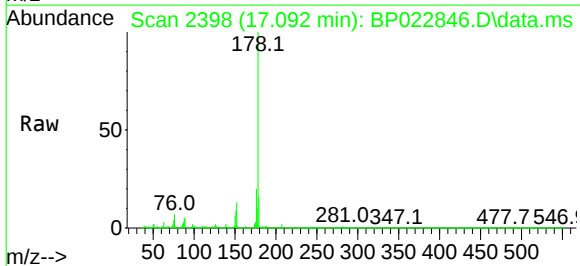
#72
Phenanthrene
Concen: 2.469 ng/u1
RT: 17.092 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP022846.D
Acq: 05 Nov 2024 04:28

Instrument :
BNA_P
ClientSampleId :
A4EF5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.7	15.7	23.5

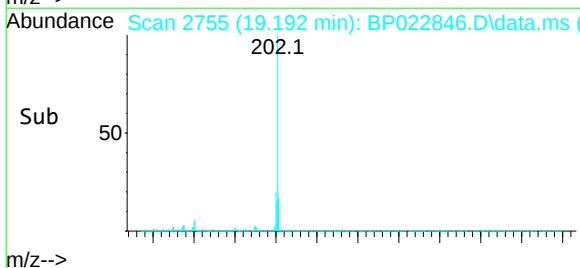
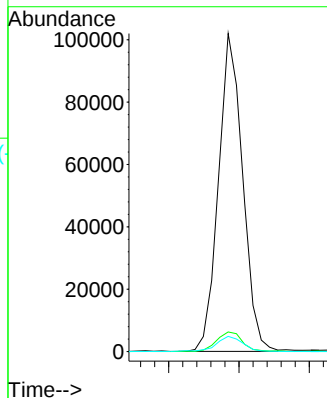
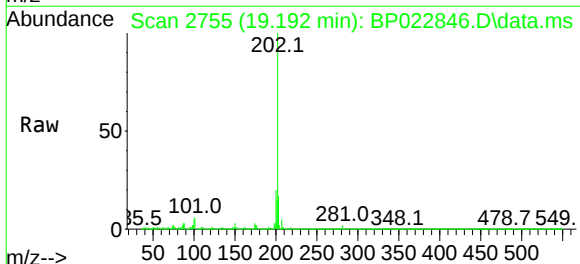
Manual Integrations
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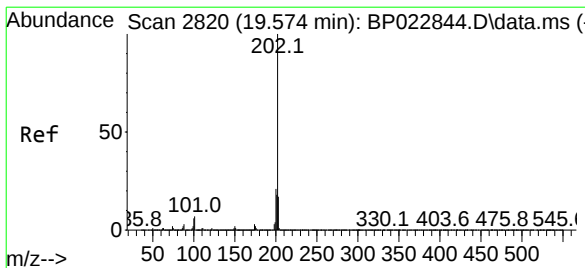
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#80
Fluoranthene
Concen: 3.594 ng/u1
RT: 19.192 min Scan# 2755
Delta R.T. 0.000 min
Lab File: BP022846.D
Acq: 05 Nov 2024 04:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.8	8.8
100	4.8	4.5	6.7





#82

Pyrene

Concen: 3.028 ng/u1

RT: 19.569 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BP022846.D

Acq: 05 Nov 2024 04:28

Instrument :

BNA_P

ClientSampleId :

A4EF5

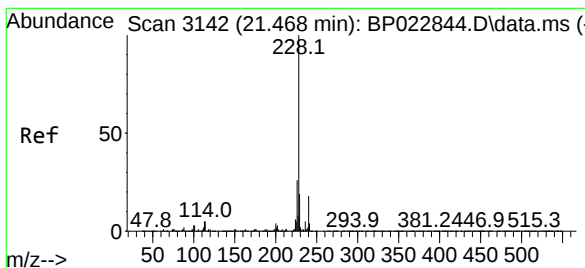
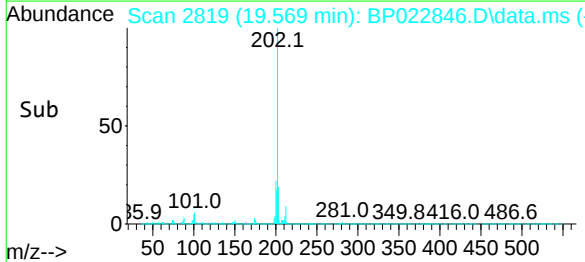
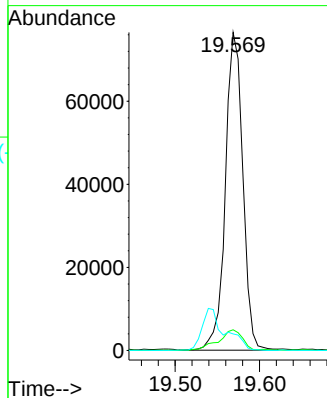
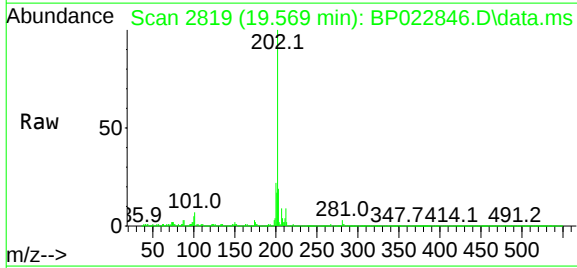
Tgt Ion:202	Resp: 109944
Ion Ratio	Lower Upper
202 100	
101 6.5	6.7 10.1#
100 5.2	5.8 8.6#

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.584 ng/u1

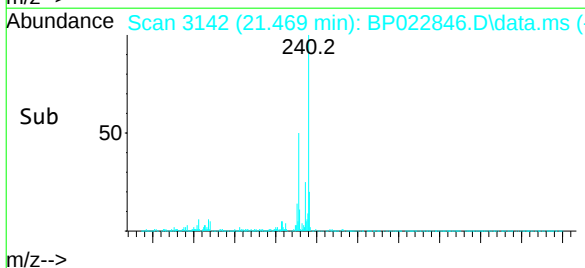
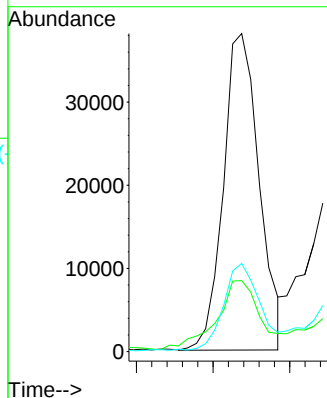
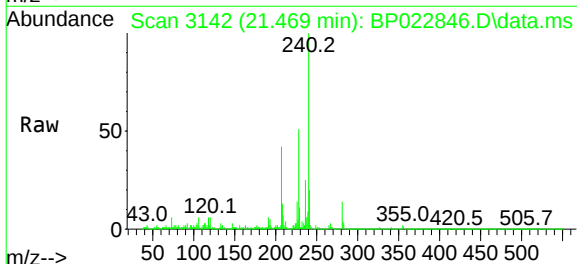
RT: 21.469 min Scan# 3142

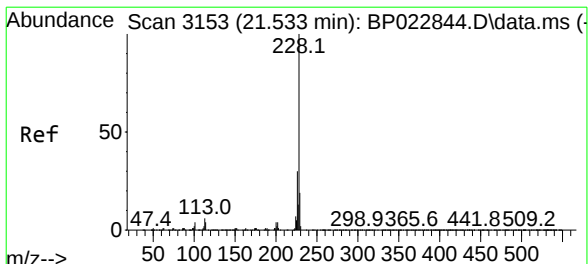
Delta R.T. -0.006 min

Lab File: BP022846.D

Acq: 05 Nov 2024 04:28

Tgt Ion:228	Resp: 61896
Ion Ratio	Lower Upper
228 100	
229 22.3	15.4 23.0
226 27.7	21.5 32.3



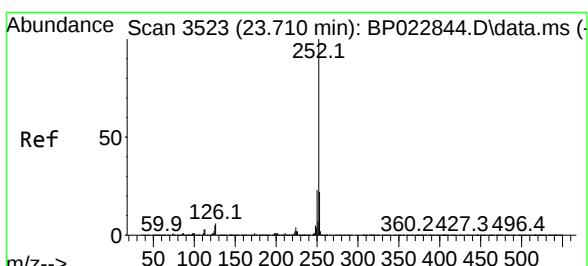
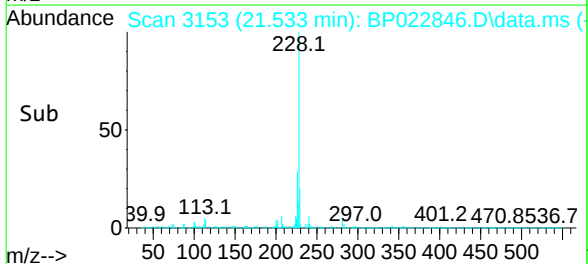
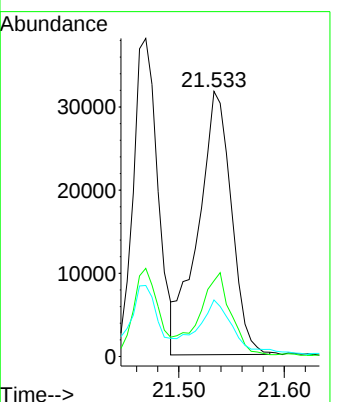
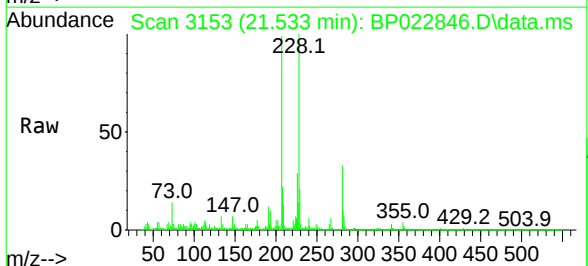


#87
Chrysene
 Concen: 1.920 ng/u1
 RT: 21.533 min Scan# 3153
 Delta R.T. -0.018 min
 Lab File: BP022846.D
 Acq: 05 Nov 2024 04:28

Instrument : BNA_P
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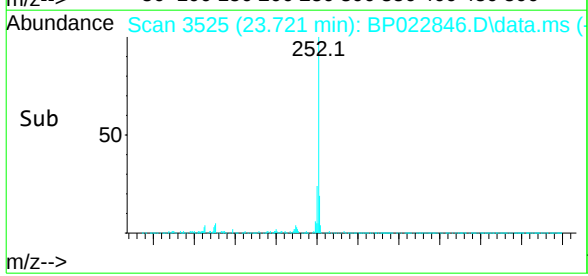
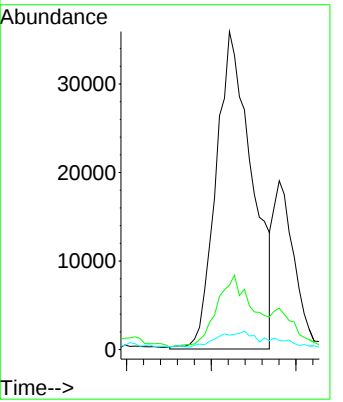
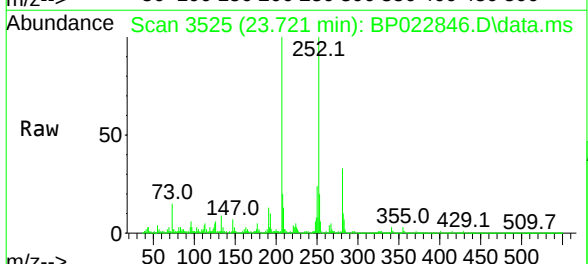
Tgt Ion:	228	Resp:	69536
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.8	35.8
229	21.3	15.5	23.3

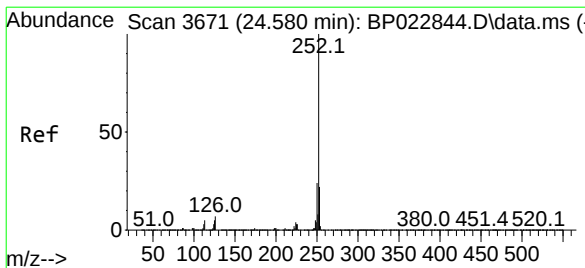
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 Supervised By :mohammad ahmed 11/08/2024



#90
Benzo(b)fluoranthene
 Concen: 2.305 ng/u1 m
 RT: 23.721 min Scan# 3525
 Delta R.T. 0.000 min
 Lab File: BP022846.D
 Acq: 05 Nov 2024 04:28

Tgt Ion:	252	Resp:	106265
Ion Ratio	Lower	Upper	
252	100		
253	20.3	17.8	26.8
125	4.6	5.0	7.4





#93

Benzo(a)pyrene

Concen: 1.558 ng/u1

RT: 24.586 min Scan# 36

Delta R.T. -0.012 min

Lab File: BP022846.D

Acq: 05 Nov 2024 04:28

Instrument :

BNA_P

ClientSampleId :

A4EF5

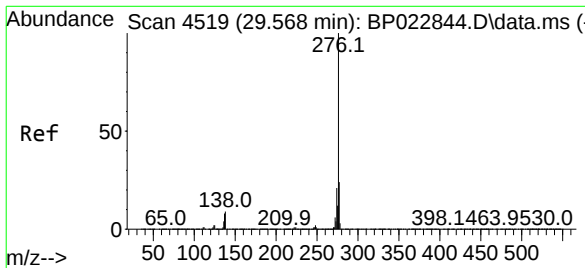
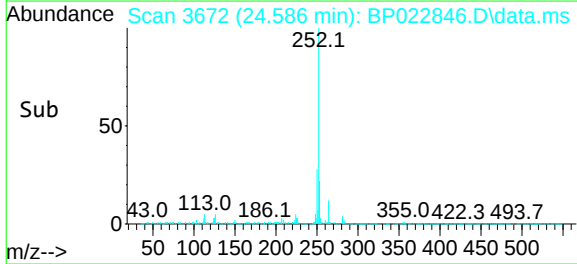
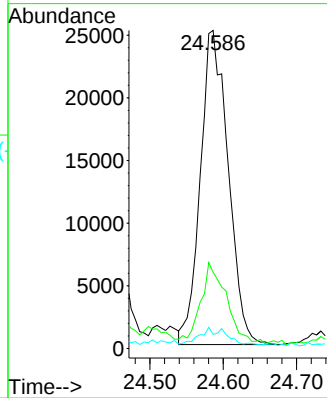
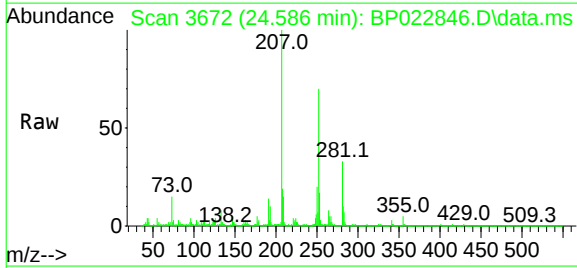
Tgt	Ion:	252	Resp:	66093
Ion	Ratio	Lower	Upper	
252	100			
253	23.9	17.7	26.5	
125	4.4	4.9	7.3	

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#96

Benzo(g,h,i)perylene

Concen: 1.166 ng/u1

RT: 29.574 min Scan# 4520

Delta R.T. 0.000 min

Lab File: BP022846.D

Acq: 05 Nov 2024 04:28

Tgt	Ion:	276	Resp:	51352
Ion	Ratio	Lower	Upper	
276	100			
138	7.3	8.5	12.7	
277	23.2	19.0	28.4	

