

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022678.D
 Acq On : 28 Oct 2024 13:38
 Operator : RC/JU
 Sample : P4529-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7H14

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 28 15:30:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 26 05:55:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	70376	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.404	136	265622	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.257	164	210327	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.057	188	530322	20.000	ng/u1	-0.02
79) Chrysene-d12	21.498	240	609768	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	779817	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	6066	3.350	ng/uL	-0.01
4) Pyridine-d5	3.599	84	78338	15.757	ng/u1	-0.01
7) Phenol-d5	6.840	99	95673	16.150	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	58534	16.811	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.193	132	73610	17.511	ng/u1	-0.01
15) 4-Methylphenol-d8	8.352	113	78318	16.566	ng/u1	-0.01
21) Nitrobenzene-d5	8.793	128	35484	17.374	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	42332	17.903	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	84878	16.889	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	95571	16.094	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	303445	18.158	ng/u1	-0.01
49) Acenaphthylene-d8	13.945	160	309615	17.444	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.510	143	35127	12.530	ng/u1	0.00
60) Fluorene-d10	15.269	176	266731	18.402	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	45955	13.176	ng/u1	0.00
73) Anthracene-d10	17.175	188	441078	17.680	ng/u1	0.00
81) Pyrene-d10	19.539	212	563412	17.472	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.521	264	758002	18.201	ng/u1	0.00
Target Compounds					Qvalue	
80) Fluoranthene	19.192	202	69260	1.868	ng/u1	99
82) Pyrene	19.569	202	334654	8.423	ng/u1	97
85) Benzo(a)anthracene	21.480	228	82328	1.926	ng/u1	92
87) Chrysene	21.516	228	125956m	3.178	ng/u1	
90) Benzo(b)fluoranthene	23.715	252	361164	7.358	ng/u1	99
91) Benzo(k)fluoranthene	23.780	252	113647	2.365	ng/u1	98
93) Benzo(a)pyrene	24.592	252	172754	3.824	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.451	276	82948	1.376	ng/u1	97
96) Benzo(g,h,i)perylene	29.592	276	58981	1.258	ng/u1	98

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

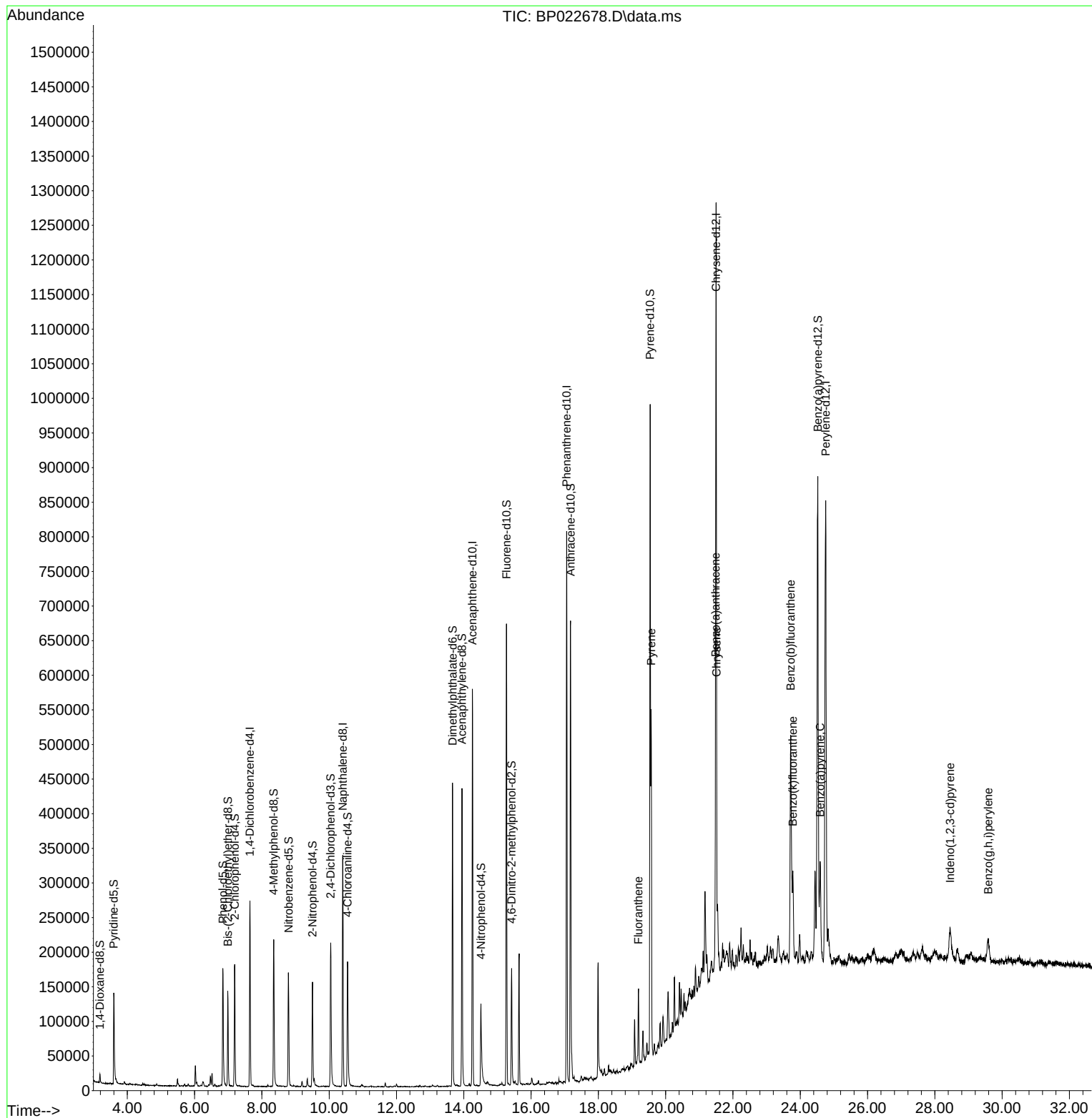
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
Data File : BP022678.D
Acq On : 28 Oct 2024 13:38
Operator : RC/JU
Sample : P4529-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

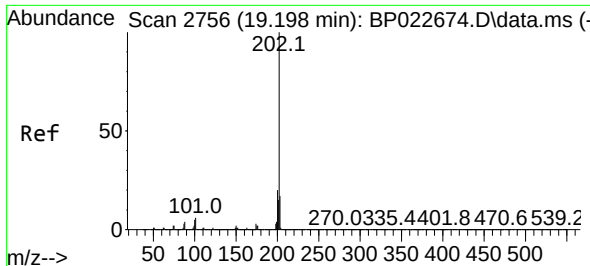
Instrument :
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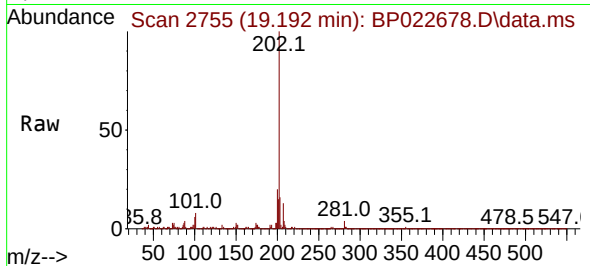
Quant Time: Oct 28 15:30:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 26 05:55:04 2024
Response via : Initial Calibration





#80
Fluoranthene
Concen: 1.868 ng/ul
RT: 19.192 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP022678.D
Acq: 28 Oct 2024 13:38

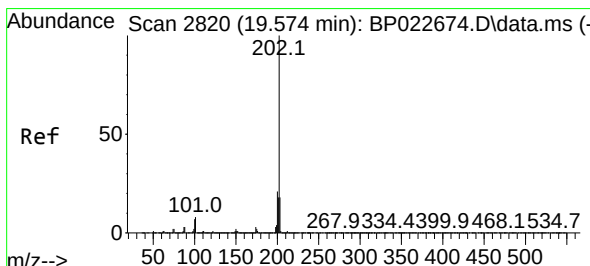
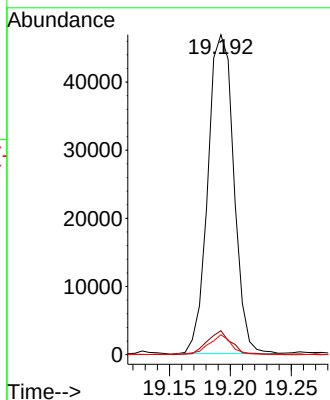
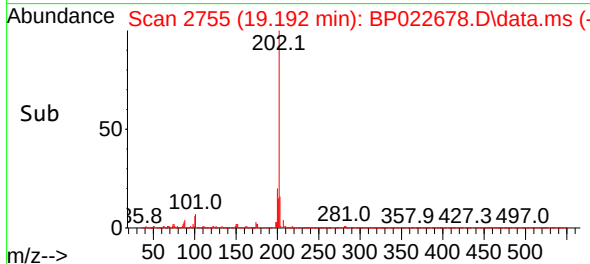
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 69260
Ion Ratio Lower Upper
202 100
101 7.5 5.8 8.8
100 6.3 4.5 6.7

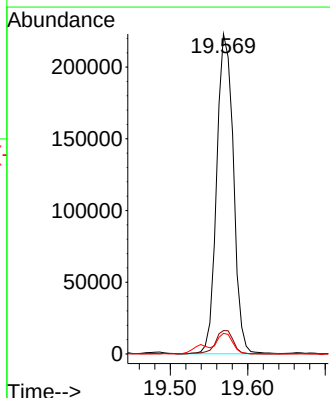
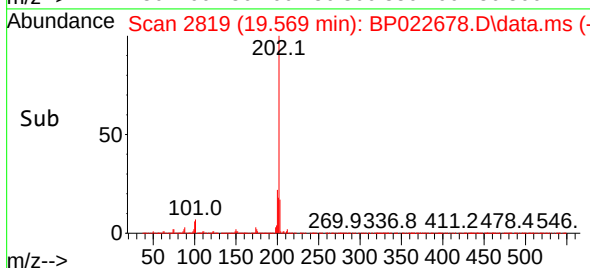
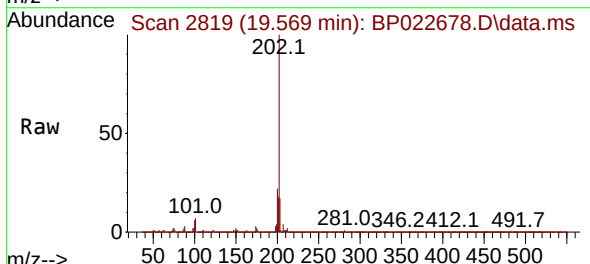
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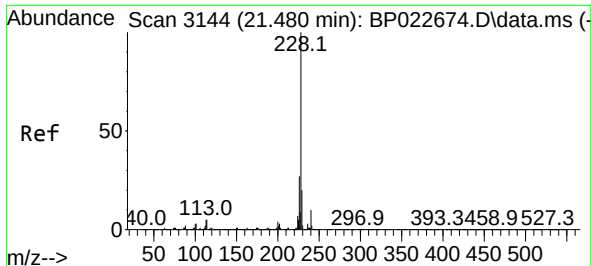
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#82
Pyrene
Concen: 8.423 ng/ul
RT: 19.569 min Scan# 2819
Delta R.T. -0.017 min
Lab File: BP022678.D
Acq: 28 Oct 2024 13:38

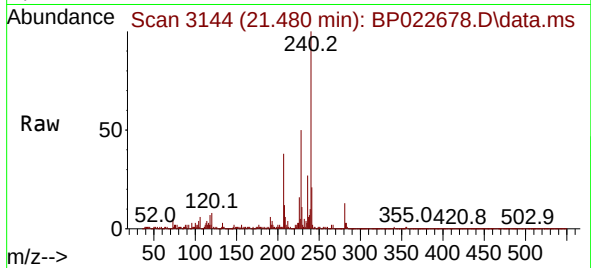
Tgt Ion:202 Resp: 334654
Ion Ratio Lower Upper
202 100
101 7.3 6.7 10.1
100 6.5 5.8 8.6





#85
Benzo(a)anthracene
Concen: 1.926 ng/ul
RT: 21.480 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BP022678.D
Acq: 28 Oct 2024 13:38

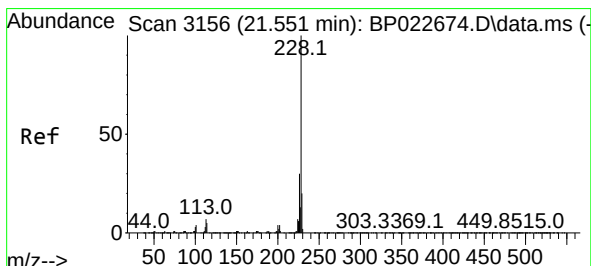
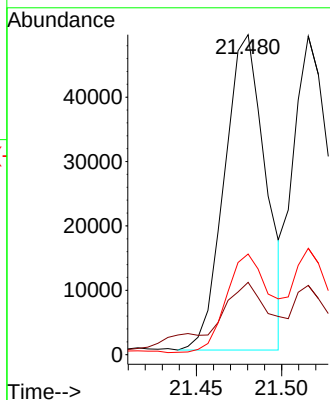
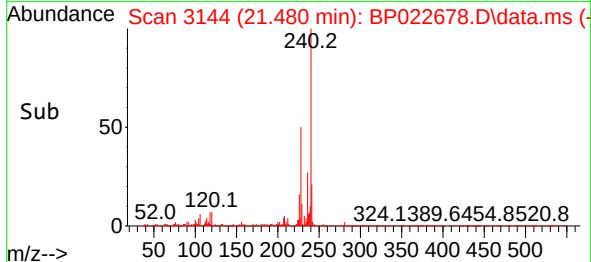
Instrument :
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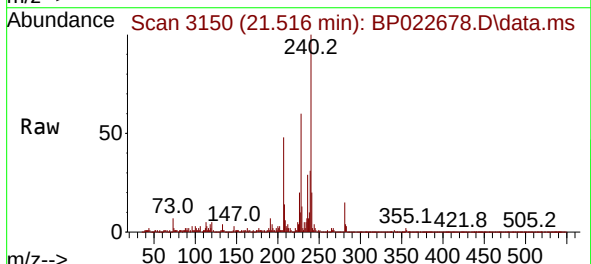
Tgt Ion:228 Resp: 82328
Ion Ratio Lower Upper
228 100
229 22.6 15.4 23.0
226 31.4 21.5 32.3

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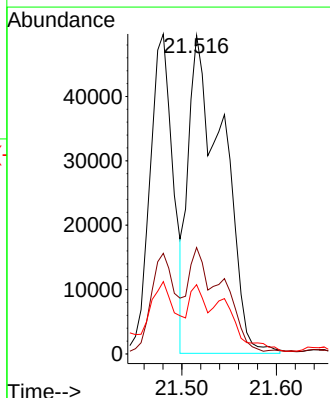
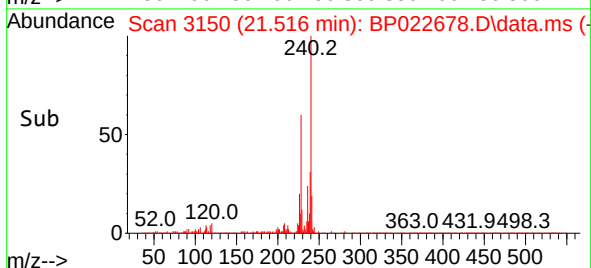
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

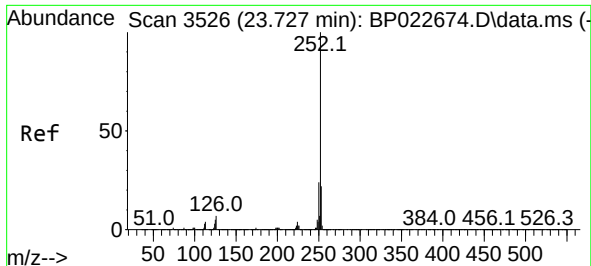


#87
Chrysene
Concen: 3.178 ng/ul m
RT: 21.516 min Scan# 3150
Delta R.T. -0.029 min
Lab File: BP022678.D
Acq: 28 Oct 2024 13:38



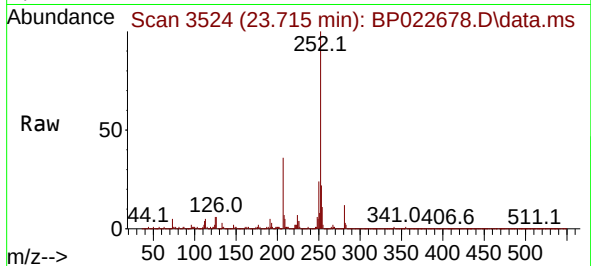
Tgt Ion:228 Resp: 125956
Ion Ratio Lower Upper
228 100
226 33.4 23.8 35.8
229 21.8 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 7.358 ng/u1
RT: 23.715 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BP022678.D
Acq: 28 Oct 2024 13:38

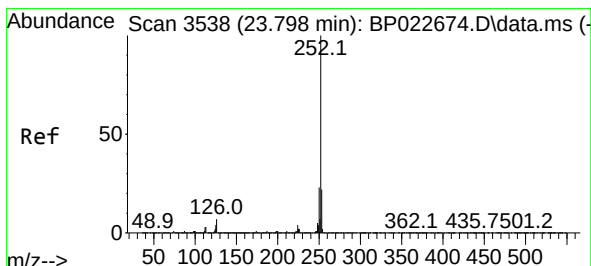
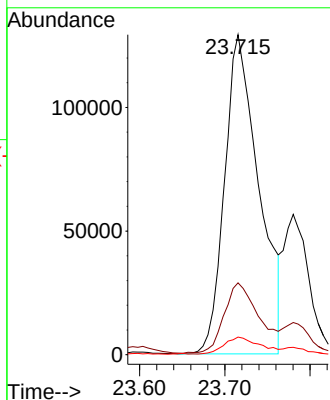
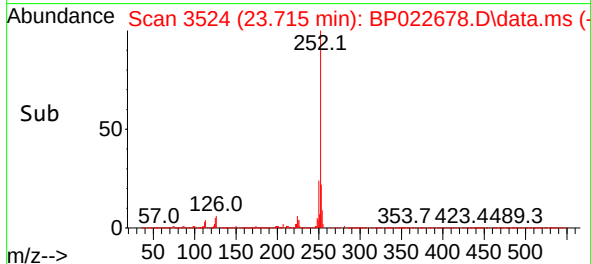
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:252 Resp: 361164
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 5.5 5.0 7.4

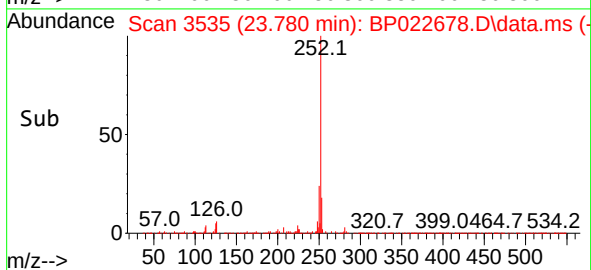
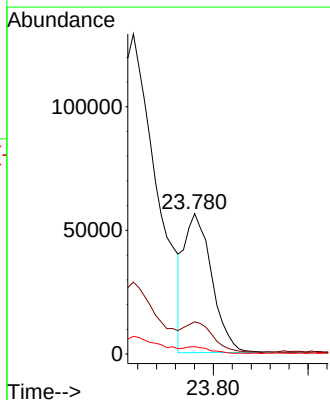
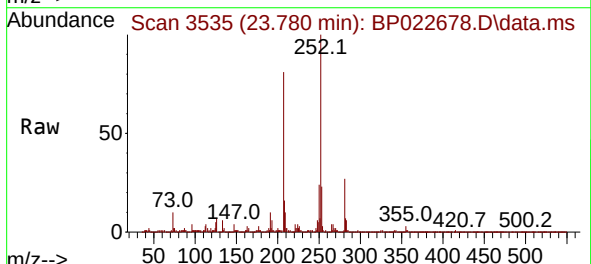
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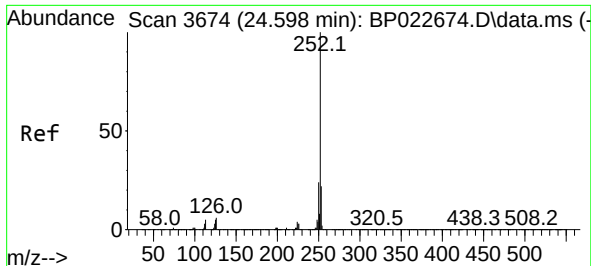
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#91
Benzo(k)fluoranthene
Concen: 2.365 ng/u1
RT: 23.780 min Scan# 3535
Delta R.T. -0.011 min
Lab File: BP022678.D
Acq: 28 Oct 2024 13:38

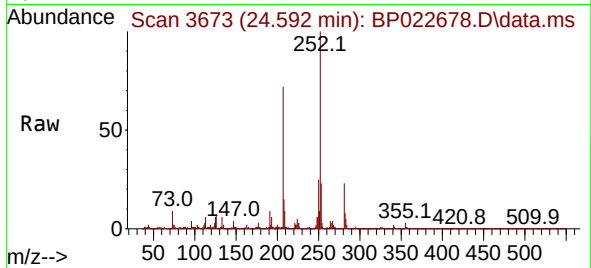
Tgt Ion:252 Resp: 113647
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 5.2 4.6 6.8





#93
Benzo(a)pyrene
Concen: 3.824 ng/ul
RT: 24.592 min Scan# 30
Delta R.T. -0.011 min
Lab File: BP022678.D
Acq: 28 Oct 2024 13:38

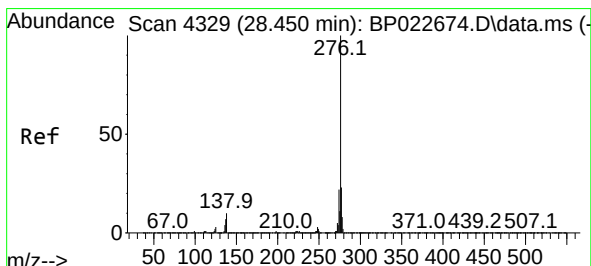
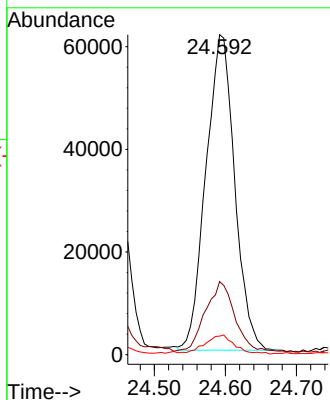
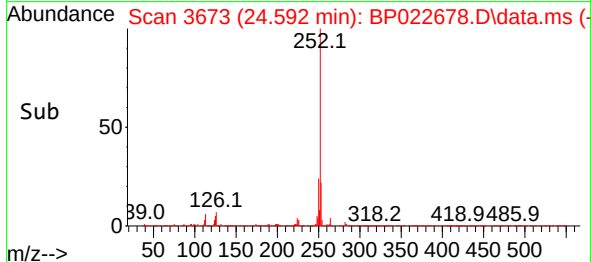
Instrument :
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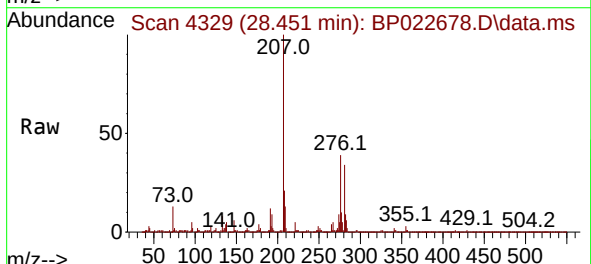
Tgt Ion:252 Resp: 172754
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 5.8 4.9 7.3

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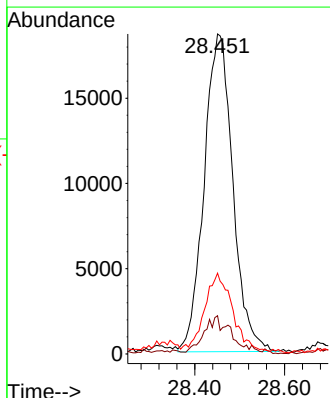
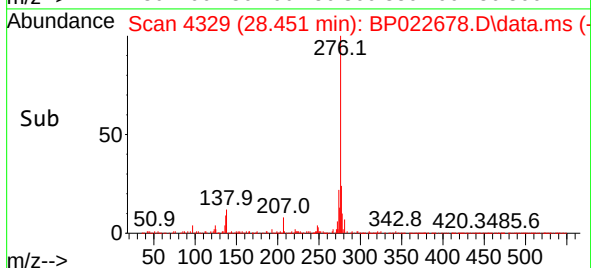
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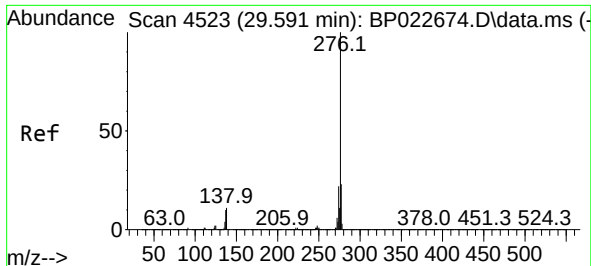


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.376 ng/ul
RT: 28.451 min Scan# 4329
Delta R.T. 0.018 min
Lab File: BP022678.D
Acq: 28 Oct 2024 13:38



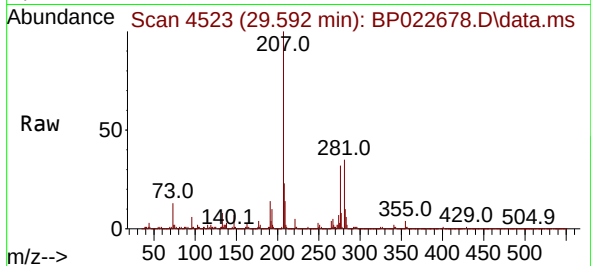
Tgt Ion:276 Resp: 82948
Ion Ratio Lower Upper
276 100
138 12.0 9.1 13.7
277 25.3 18.6 27.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.258 ng/ul
 RT: 29.592 min Scan# 4523
 Delta R.T. 0.018 min
 Lab File: BP022678.D
 Acq: 28 Oct 2024 13:38

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:276 Resp: 5898
 Ion Ratio Lower Upper
 276 100
 138 9.3 8.5 12.7
 277 24.3 19.0 28.4

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