

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020675.D
 Acq On : 28 Jun 2024 01:15
 Operator : MA/JU
 Sample : P2909-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B43

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 01:44:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	243345	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	949515	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.386	164	583967	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.198	188	997084	20.000	ng/u1	0.01
79) Chrysene-d12	21.668	240	816335	20.000	ng/u1	0.03
88) Perylene-d12	25.039	264	1005620	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	16401	2.894	ng/uL	0.00
4) Pyridine-d5	3.687	84	227220	13.758	ng/u1	0.00
7) Phenol-d5	6.928	99	323220	16.194	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	208846	16.506	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.287	132	289136	17.725	ng/u1	0.00
15) 4-Methylphenol-d8	8.445	113	275449	16.992	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	135881	19.383	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	153941	21.944	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.145	165	272131	18.832	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	280459	13.849	ng/u1	0.00
46) Dimethylphthalate-d6	13.786	166	810835	19.970	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	899278	18.561	ng/u1	0.01
54) 4-Nitrophenol-d4	14.604	143	71989m	11.604	ng/u1	0.01
60) Fluorene-d10	15.398	176	652071	19.085	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.522	200	63656	12.669	ng/u1	0.02
73) Anthracene-d10	17.304	188	862475	19.274	ng/u1	0.02
81) Pyrene-d10	19.680	212	848433	17.300	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.809	264	943584	19.289	ng/u1	0.05
Target Compounds					Qvalue	
72) Phenanthrene	17.245	178	282374	5.408	ng/u1	99
74) Anthracene	17.339	178	63082	1.175	ng/u1	99
80) Fluoranthene	19.333	202	451589	7.538	ng/u1	99
82) Pyrene	19.710	202	399670	6.505	ng/u1	99
85) Benzo(a)anthracene	21.645	228	218246	3.814	ng/u1	96
87) Chrysene	21.710	228	217501	4.022	ng/u1	97
90) Benzo(b)fluoranthene	23.968	252	291333	4.782	ng/u1#	95
91) Benzo(k)fluoranthene	24.039	252	113433m	1.841	ng/u1	
93) Benzo(a)pyrene	24.880	252	208899	3.632	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.868	276	149052	2.021	ng/u1	97
96) Benzo(g,h,i)perylene	30.050	276	143766m	2.387	ng/u1	

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

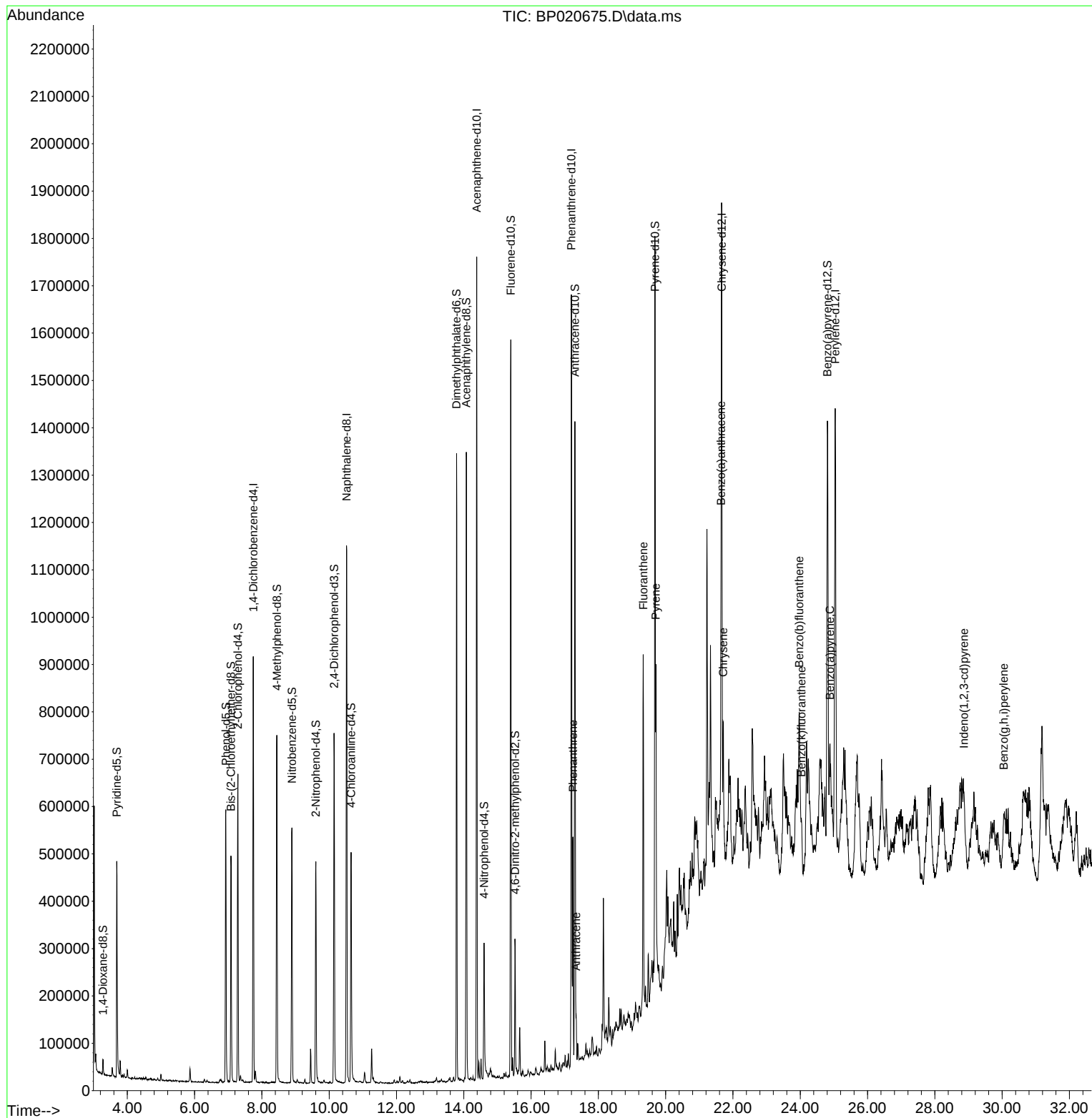
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020675.D
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ALS Vial : 32 Sample Multiplier: 1

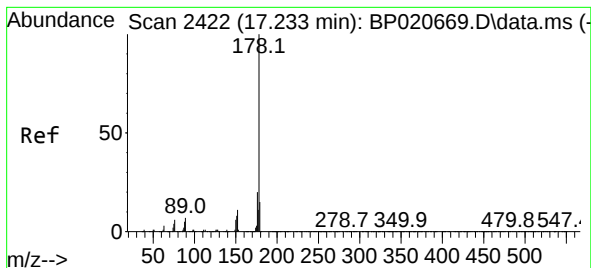
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Jun 28 01:44:06 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 5.408 ng/ul

RT: 17.245 min Scan# 2422

Delta R.T. 0.017 min

Lab File: BP020675.D

Acq: 28 Jun 2024 01:15

Instrument :

BNA_P

ClientSampleId :

A4B43

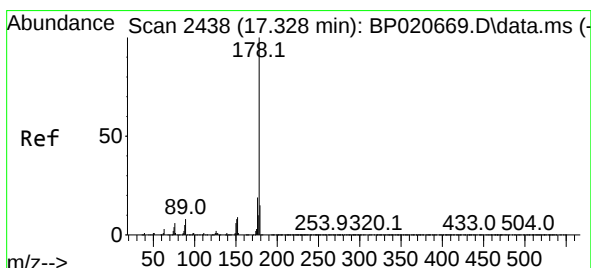
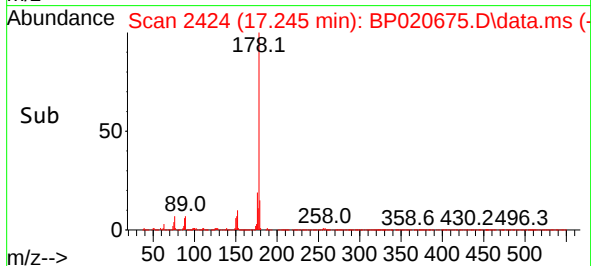
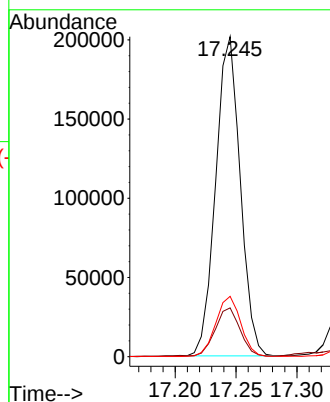
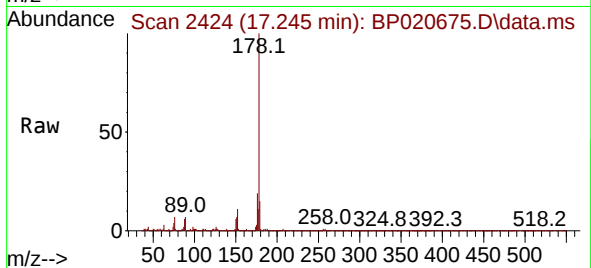
Tgt Ion:	178	Resp:	282374
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.4	18.6
176	18.9	15.4	23.2

Manual Integrations

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#74

Anthracene

Concen: 1.175 ng/ul

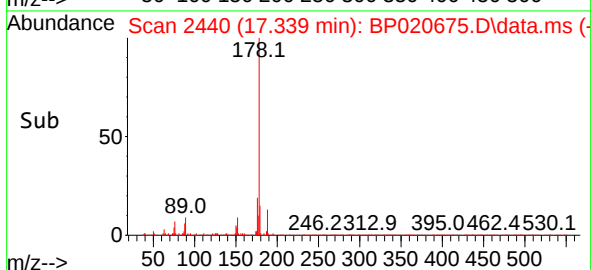
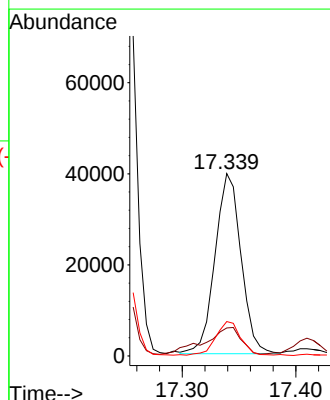
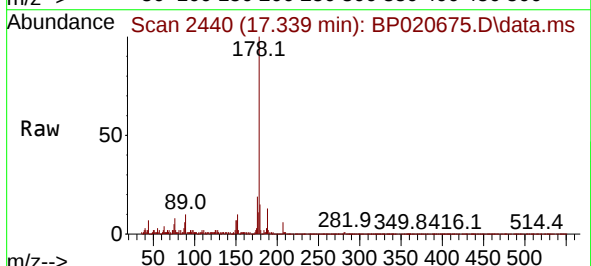
RT: 17.339 min Scan# 2440

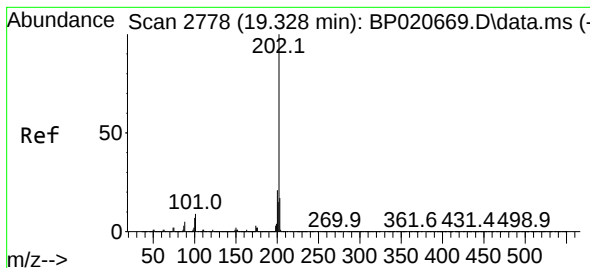
Delta R.T. 0.023 min

Lab File: BP020675.D

Acq: 28 Jun 2024 01:15

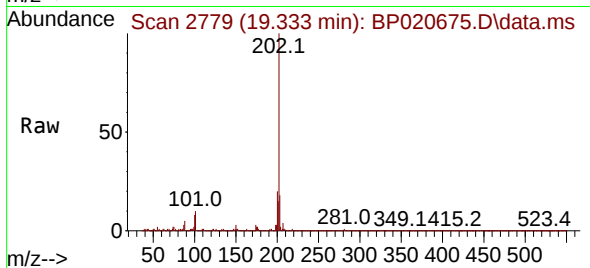
Tgt Ion:	178	Resp:	63082
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.1	18.1
176	18.9	15.0	22.4





#80
Fluoranthene
Concen: 7.538 ng/u1
RT: 19.333 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP020675.D
Acq: 28 Jun 2024 01:15

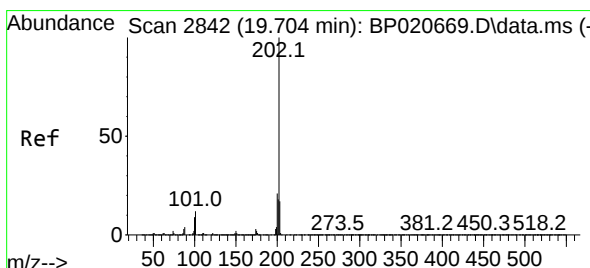
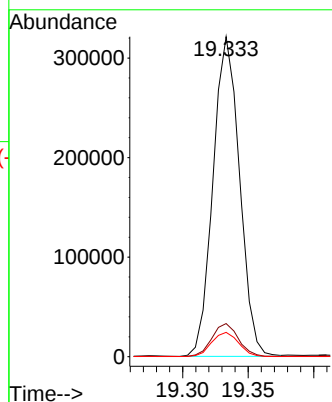
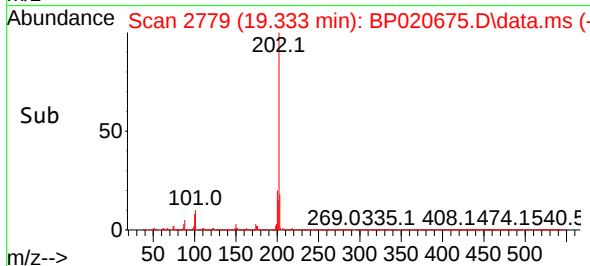
Instrument :
BNA_P
ClientSampleId :
A4B43



Tgt Ion:202 Resp: 451589
Ion Ratio Lower Upper
202 100
101 10.3 8.2 12.4
100 7.6 6.6 10.0

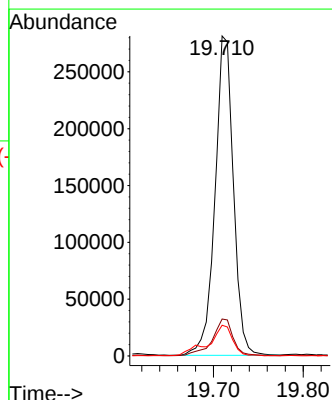
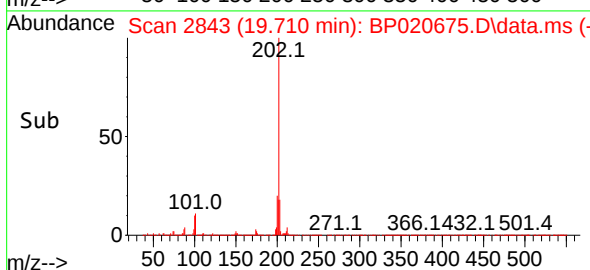
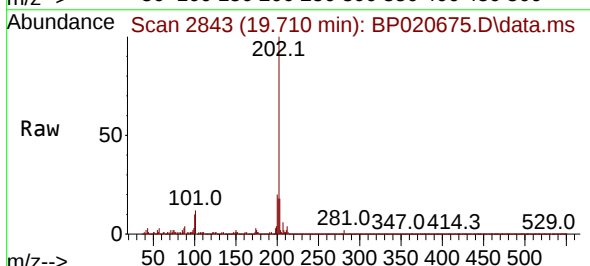
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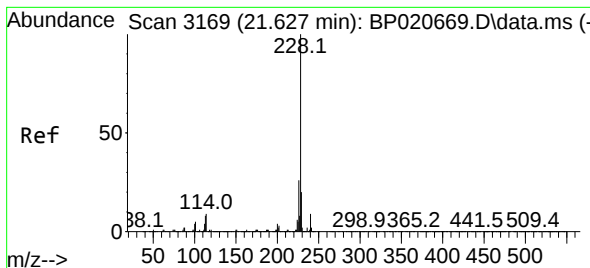
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#82
Pyrene
Concen: 6.505 ng/u1
RT: 19.710 min Scan# 2843
Delta R.T. 0.012 min
Lab File: BP020675.D
Acq: 28 Jun 2024 01:15

Tgt Ion:202 Resp: 399670
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 9.6 7.9 11.9





#85

Benzo(a)anthracene

Concen: 3.814 ng/ul

RT: 21.645 min Scan# 3172

Delta R.T. 0.023 min

Lab File: BP020675.D

Acq: 28 Jun 2024 01:15

Instrument :

BNA_P

ClientSampleId :

A4B43

Tgt Ion:228 Resp: 218240

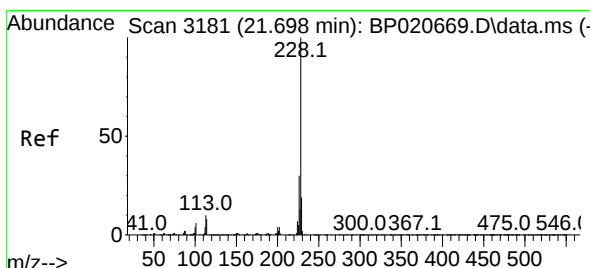
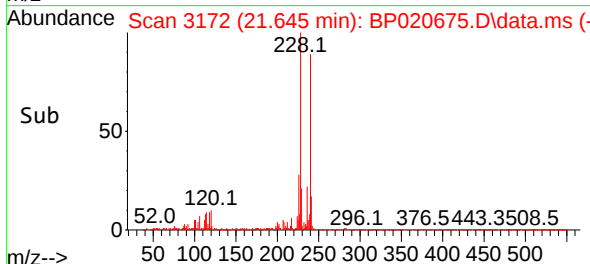
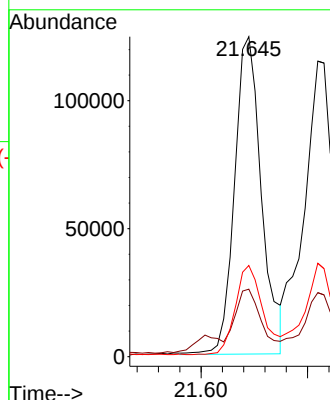
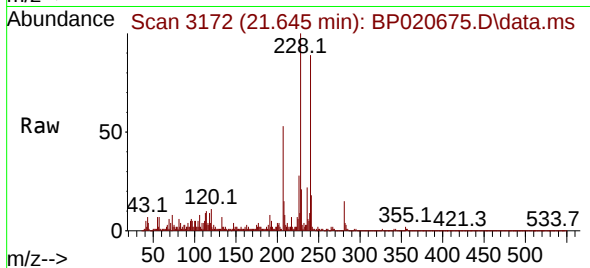
Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.2	22.8
226	28.5	21.1	31.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/29/2024



#87

Chrysene

Concen: 4.022 ng/ul

RT: 21.710 min Scan# 3183

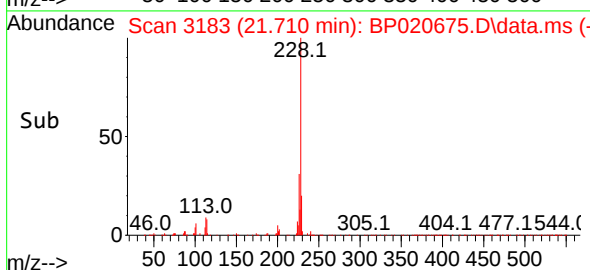
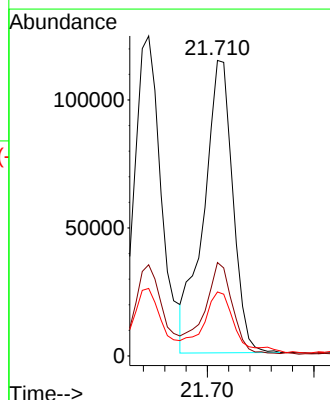
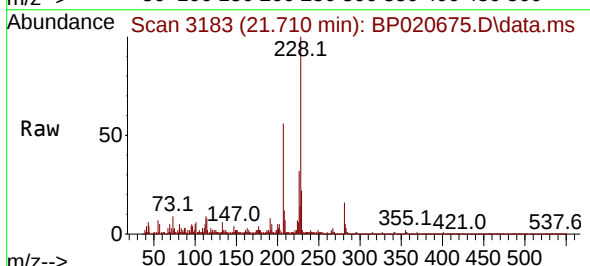
Delta R.T. 0.017 min

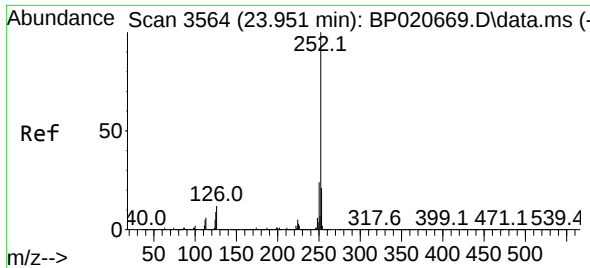
Lab File: BP020675.D

Acq: 28 Jun 2024 01:15

Tgt Ion:228 Resp: 217501

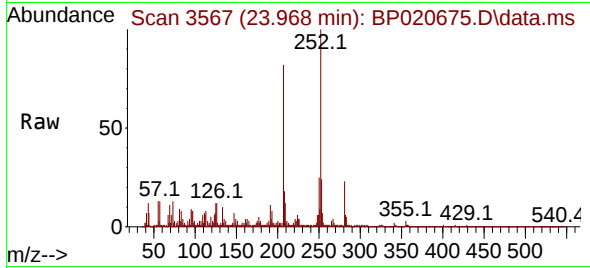
Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.6
229	21.7	16.1	24.1





#90
Benzo(b)fluoranthene
Concen: 4.782 ng/ul
RT: 23.968 min Scan# 3567
Delta R.T. 0.029 min
Lab File: BP020675.D
Acq: 28 Jun 2024 01:15

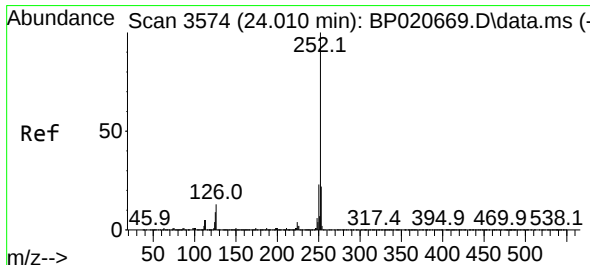
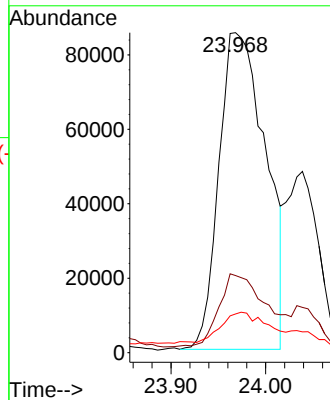
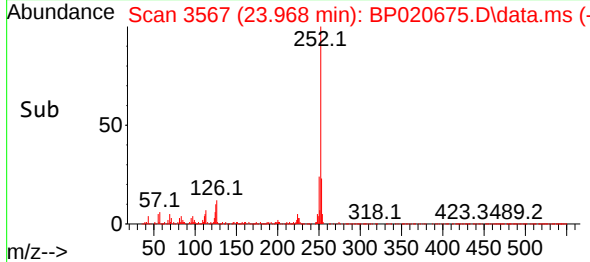
Instrument :
BNA_P
ClientSampleId :
A4B43



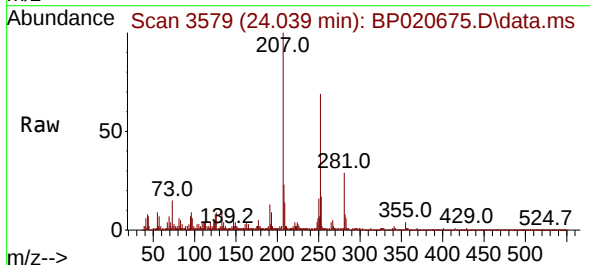
Tgt Ion:252 Resp: 29133
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 12.1 7.9 11.9

Manual Integrations
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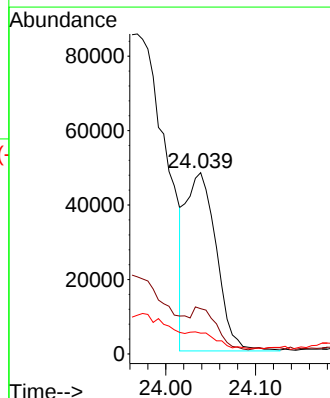
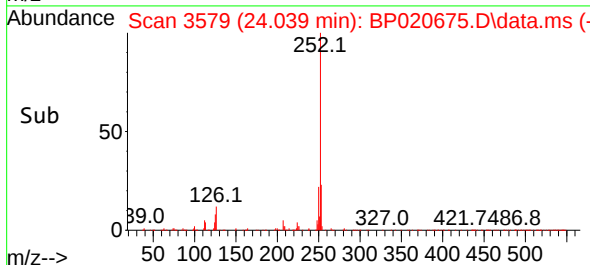
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

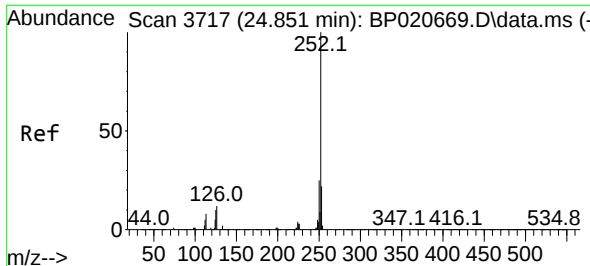


#91
Benzo(k)fluoranthene
Concen: 1.841 ng/ul m
RT: 24.039 min Scan# 3579
Delta R.T. 0.035 min
Lab File: BP020675.D
Acq: 28 Jun 2024 01:15



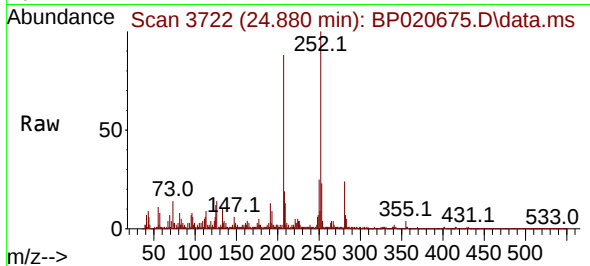
Tgt Ion:252 Resp: 113433
Ion Ratio Lower Upper
252 100
253 25.0 17.6 26.4
125 11.5 7.9 11.9





#93
Benzo(a)pyrene
Concen: 3.632 ng/ul
RT: 24.880 min Scan# 31
Delta R.T. 0.035 min
Lab File: BP020675.D
Acq: 28 Jun 2024 01:15

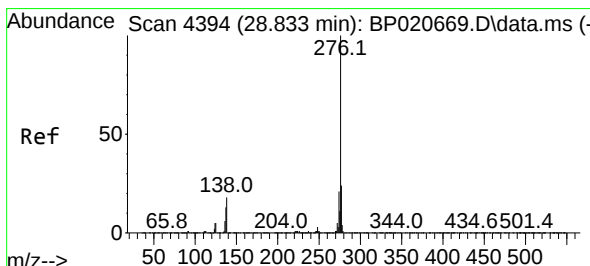
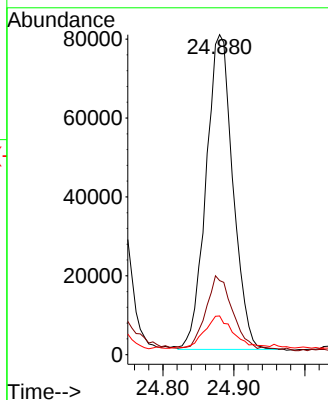
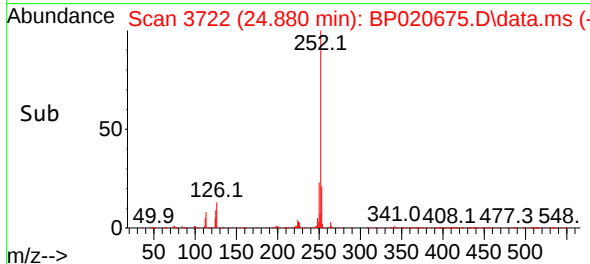
Instrument :
BNA_P
ClientSampleId :
A4B43



Tgt Ion:252 Resp: 208899
Ion Ratio Lower Upper
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125 12.1 8.7 13.1

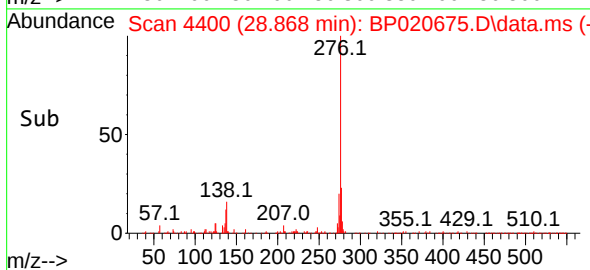
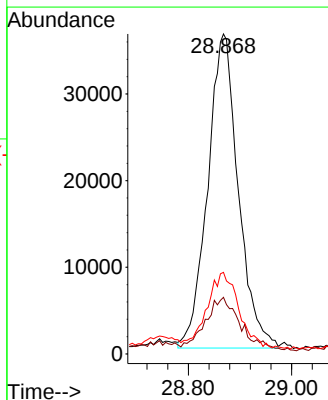
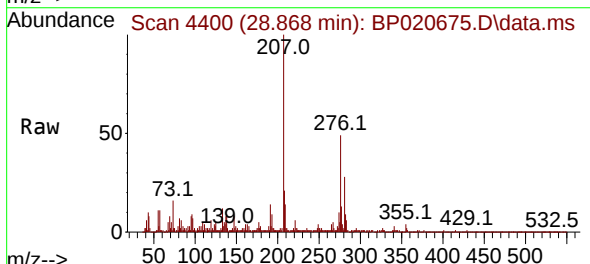
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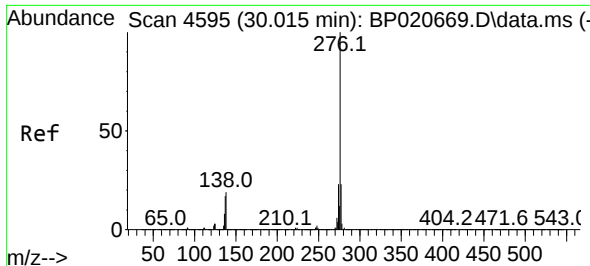
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.021 ng/ul
RT: 28.868 min Scan# 4400
Delta R.T. 0.053 min
Lab File: BP020675.D
Acq: 28 Jun 2024 01:15

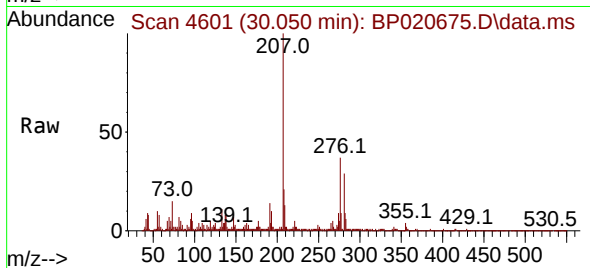
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Ion Ratio Lower Upper
276 100
138 17.7 15.2 22.8
277 25.5 19.0 28.4





#96
Benzo(g,h,i)perylene
Concen: 2.387 ng/ul m
RT: 30.050 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP020675.D
Acq: 28 Jun 2024 01:15

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:276 Resp: 143760
Ion Ratio Lower Upper
276 100
138 20.7 16.4 24.6
277 23.9 18.7 28.1

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