

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020676.D
 Acq On : 28 Jun 2024 01:58
 Operator : MA/JU
 Sample : P2909-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B45

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 03:52:28 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	7.752	152	229117	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	877792	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.387	164	483881	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.204	188	815914	20.000	ng/u1	0.02
79) Chrysene-d12	21.657	240	876185	20.000	ng/u1	0.02
88) Perylene-d12	25.045	264	1084128	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	18999	3.561	ng/uL	0.00
4) Pyridine-d5	3.687	84	243815	15.679	ng/u1	0.00
7) Phenol-d5	6.928	99	368281	19.598	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	232630	19.527	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	319216	20.785	ng/u1	0.00
15) 4-Methylphenol-d8	8.452	113	304260	19.935	ng/u1	0.00
21) Nitrobenzene-d5	8.899	128	148533	22.919	ng/u1	0.00
24) 2-Nitrophenol-d4	9.616	143	165835	25.570	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.146	165	291618	21.829	ng/u1	0.00
31) 4-Chloroaniline-d4	10.663	131	225526	12.046	ng/u1	0.01
46) Dimethylphthalate-d6	13.792	166	787229	23.399	ng/u1	0.01
49) Acenaphthylene-d8	14.069	160	899091	22.396	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	78462	15.264	ng/u1	0.01
60) Fluorene-d10	15.398	176	623203	22.013	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.528	200	64958	15.798	ng/u1	0.02
73) Anthracene-d10	17.304	188	832358	22.731	ng/u1	0.02
81) Pyrene-d10	19.686	212	1022433	19.424	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.804	264	1218001	23.096	ng/u1	0.04
Target Compounds						
					Qvalue	
72) Phenanthrene	17.245	178	58656	1.373	ng/u1	99
80) Fluoranthene	19.333	202	149869	2.331	ng/u1	99
82) Pyrene	19.716	202	139387	2.114	ng/u1	97
85) Benzo(a)anthracene	21.639	228	75069	1.222	ng/u1	96
87) Chrysene	21.710	228	98408	1.695	ng/u1	98
90) Benzo(b)fluoranthene	23.968	252	134735	2.051	ng/u1#	95
93) Benzo(a)pyrene	24.880	252	82232	1.326	ng/u1#	92
96) Benzo(g,h,i)perylene	30.056	276	68315m	1.052	ng/u1	

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

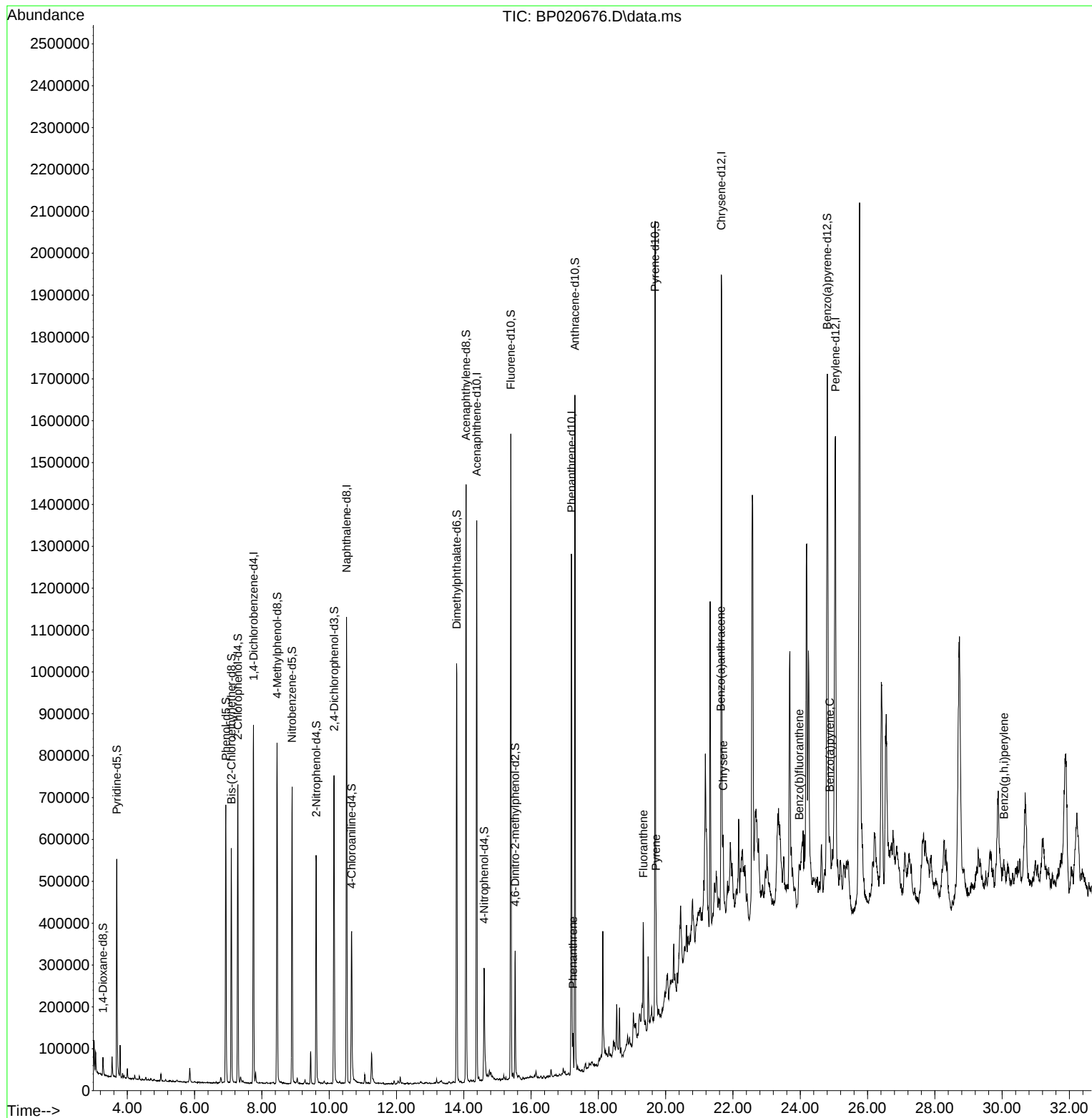
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020676.D
Acq On : 28 Jun 2024 01:58
Operator : MA/JU
Sample : P2909-21
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ALS Vial : 33 Sample Multiplier: 1

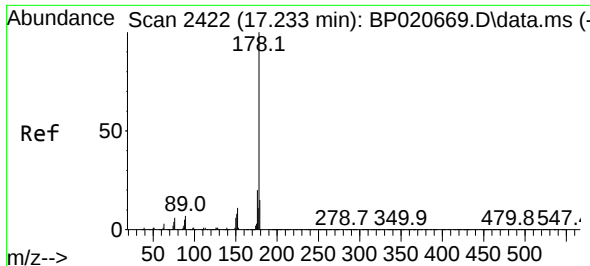
Instrument :
BNA_P
ClientSampleId :
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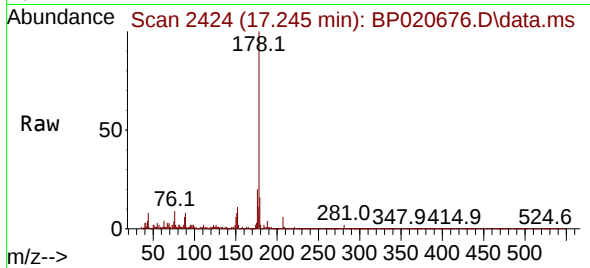
Quant Time: Jun 28 03:52:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.373 ng/ul
RT: 17.245 min Scan# 2422
Delta R.T. 0.018 min
Lab File: BP020676.D
Acq: 28 Jun 2024 01:58

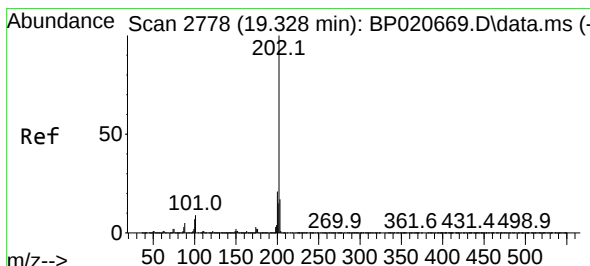
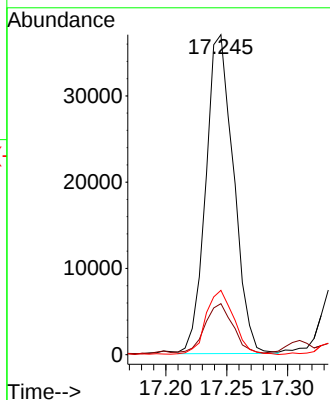
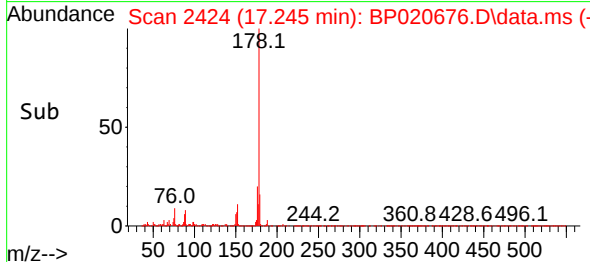
Instrument :
BNA_P
ClientSampleId :
A4B45



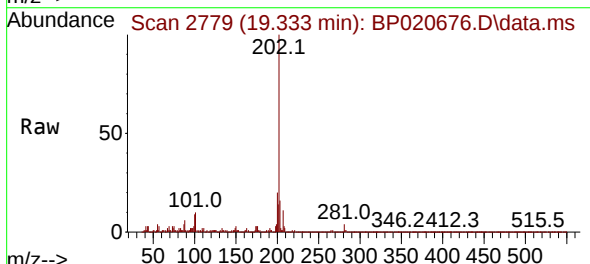
Tgt Ion:178 Resp: 58650
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 20.1 15.4 23.2

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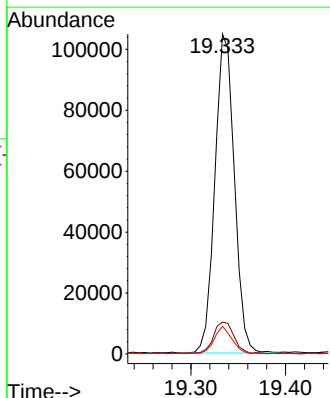
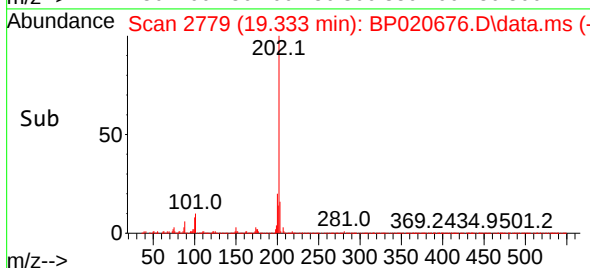
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

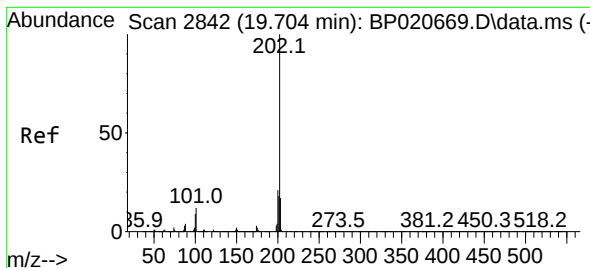


#80
Fluoranthene
Concen: 2.331 ng/ul
RT: 19.333 min Scan# 2779
Delta R.T. 0.012 min
Lab File: BP020676.D
Acq: 28 Jun 2024 01:58



Tgt Ion:202 Resp: 149869
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.4
100 8.6 6.6 10.0





#82

Pyrene

Concen: 2.114 ng/ul

RT: 19.716 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP020676.D

Acq: 28 Jun 2024 01:58

Instrument :

BNA_P

ClientSampleId :

A4B45

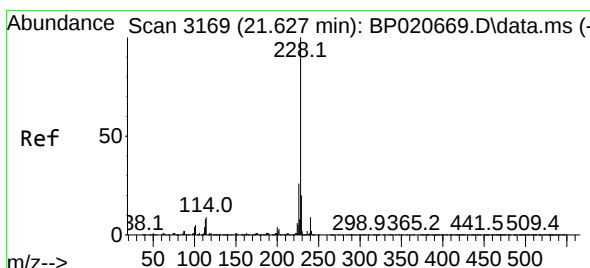
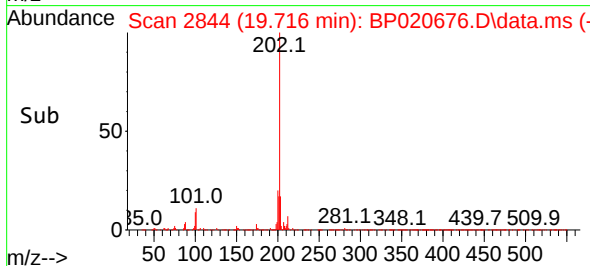
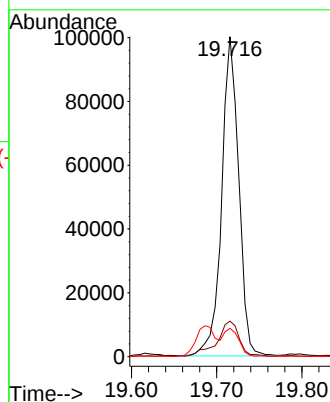
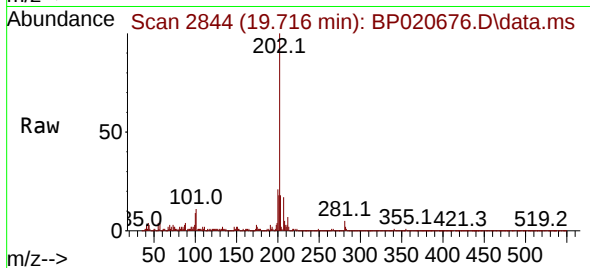
Tgt Ion:	202	Resp:	13938
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.8	14.8
100	8.9	7.9	11.9

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#85

Benzo(a)anthracene

Concen: 1.222 ng/ul

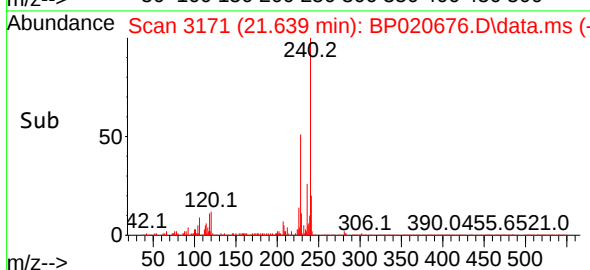
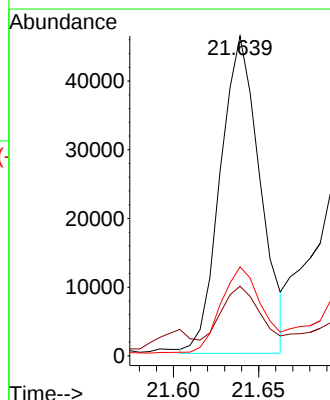
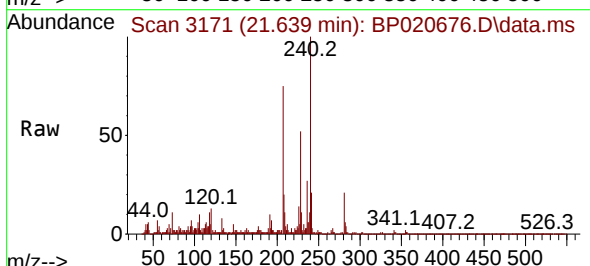
RT: 21.639 min Scan# 3171

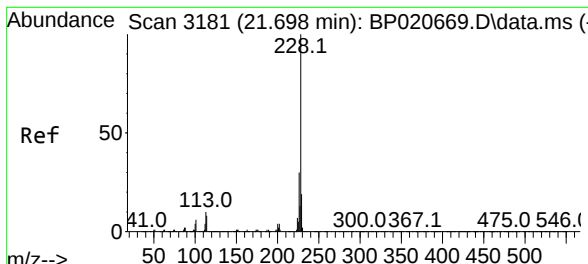
Delta R.T. 0.018 min

Lab File: BP020676.D

Acq: 28 Jun 2024 01:58

Tgt Ion:	228	Resp:	75069
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.2	22.8
226	27.8	21.1	31.7



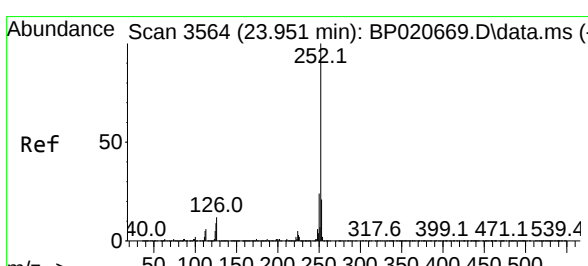
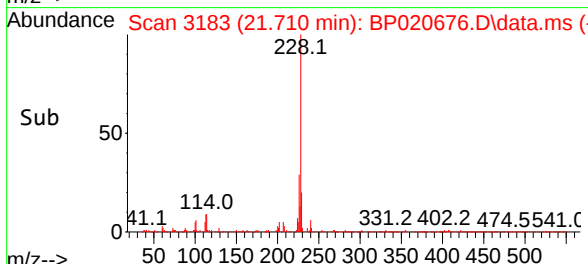
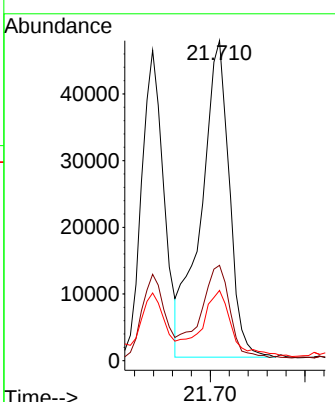
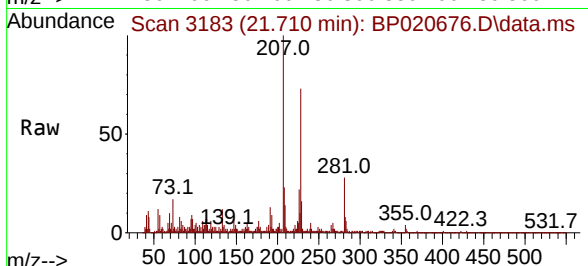


#87
 Chrysene
 Concen: 1.695 ng/u1
 RT: 21.710 min Scan# 3181
 Delta R.T. 0.018 min
 Lab File: BP020676.D
 Acq: 28 Jun 2024 01:58

Instrument : BNA_P
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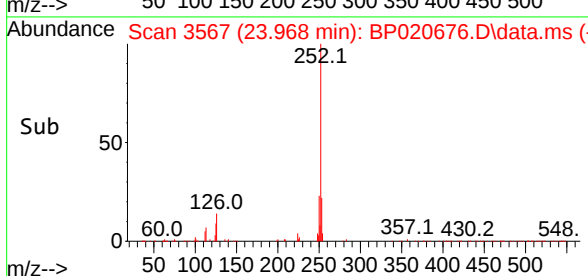
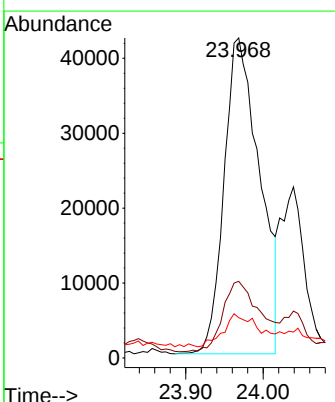
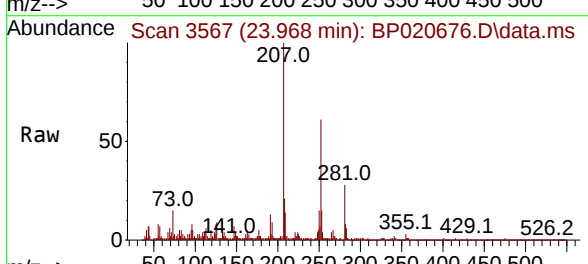
Tgt Ion:	228	Resp:	98408
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.8	35.6
229	21.9	16.1	24.1

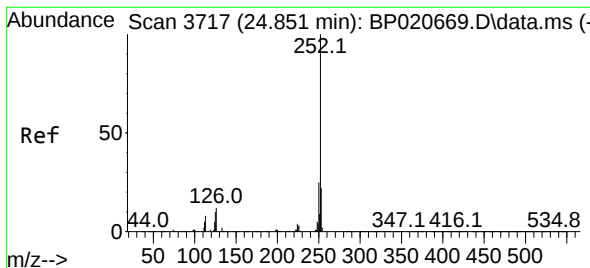
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#90
 Benzo(b)fluoranthene
 Concen: 2.051 ng/u1
 RT: 23.968 min Scan# 3567
 Delta R.T. 0.029 min
 Lab File: BP020676.D
 Acq: 28 Jun 2024 01:58

Tgt Ion:	252	Resp:	134735
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.5	26.3
125	12.6	7.9	11.9





#93

Benzo(a)pyrene

Concen: 1.326 ng/ul

RT: 24.880 min Scan# 31

Delta R.T. 0.035 min

Lab File: BP020676.D

Acq: 28 Jun 2024 01:58

Instrument :

BNA_P

ClientSampleId :

A4B45

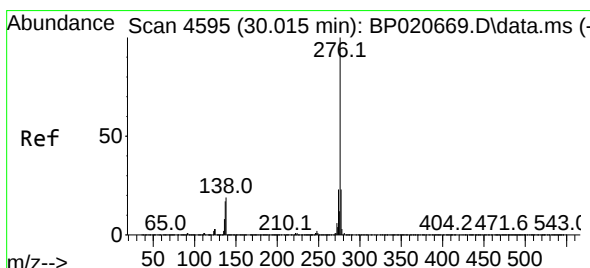
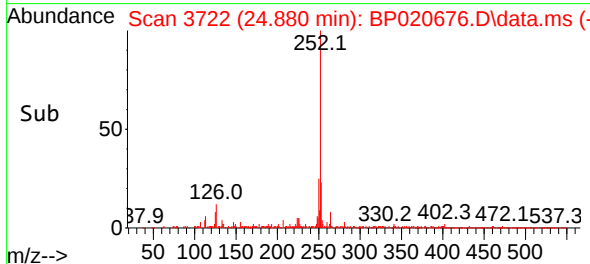
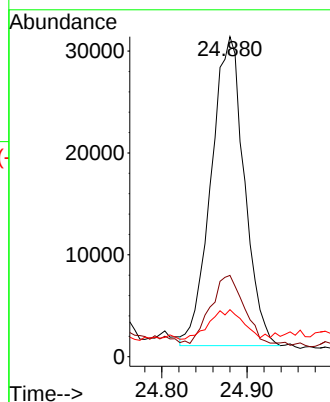
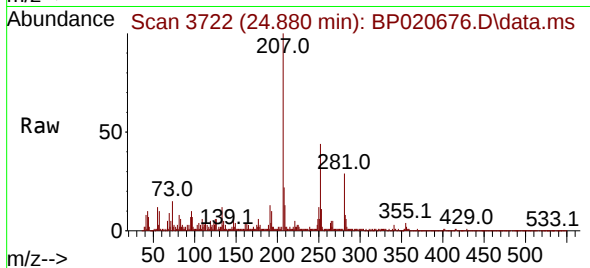
Tgt Ion:	252	Resp:	8223
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.4	26.2
125	14.7	8.7	13.1

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2024



#96

Benzo(g,h,i)perylene

Concen: 1.052 ng/ul m

RT: 30.056 min Scan# 4602

Delta R.T. 0.053 min

Lab File: BP020676.D

Acq: 28 Jun 2024 01:58

Tgt Ion:	276	Resp:	68315
Ion Ratio	Lower	Upper	
276	100		
138	21.7	16.4	24.6
277	24.4	18.7	28.1

