

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020673.D
 Acq On : 27 Jun 2024 23:49
 Operator : MA/JU
 Sample : P2909-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B78

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 00:21:16 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	200365	20.000	ng/u1	0.00
20) Naphthalene-d8	10.522	136	774895	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.386	164	457779	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.192	188	861720	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	823799	20.000	ng/u1	0.02
88) Perylene-d12	25.021	264	1048438	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	7917	1.697	ng/uL	0.00
4) Pyridine-d5	3.693	84	36666	2.696	ng/u1	0.00
7) Phenol-d5	6.928	99	255578	15.552	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	132131	12.683	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	192499	14.333	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	249546	18.697	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	104831	18.324	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	122899	21.466	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	250933	21.278	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	284394	17.208	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	858675	26.978	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	960375	25.286	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	93161	19.157	ng/u1	0.00
60) Fluorene-d10	15.392	176	717020	26.771	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	98413	22.662	ng/u1	0.02
73) Anthracene-d10	17.298	188	1046779	27.067	ng/u1	0.02
81) Pyrene-d10	19.680	212	1238388	25.023	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.798	264	1427345	27.987	ng/u1	0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.233	178	85436	1.893	ng/u1	95
80) Fluoranthene	19.327	202	190401	3.150	ng/u1	99
82) Pyrene	19.710	202	163937	2.644	ng/u1	100
85) Benzo(a)anthracene	21.639	228	90985	1.576	ng/u1	93
87) Chrysene	21.698	228	99804	1.829	ng/u1	97
90) Benzo(b)fluoranthene	23.957	252	137665	2.167	ng/u1#	91
93) Benzo(a)pyrene	24.868	252	99487	1.659	ng/u1#	89
96) Benzo(g,h,i)perylene	30.021	276	81447m	1.297	ng/u1	

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

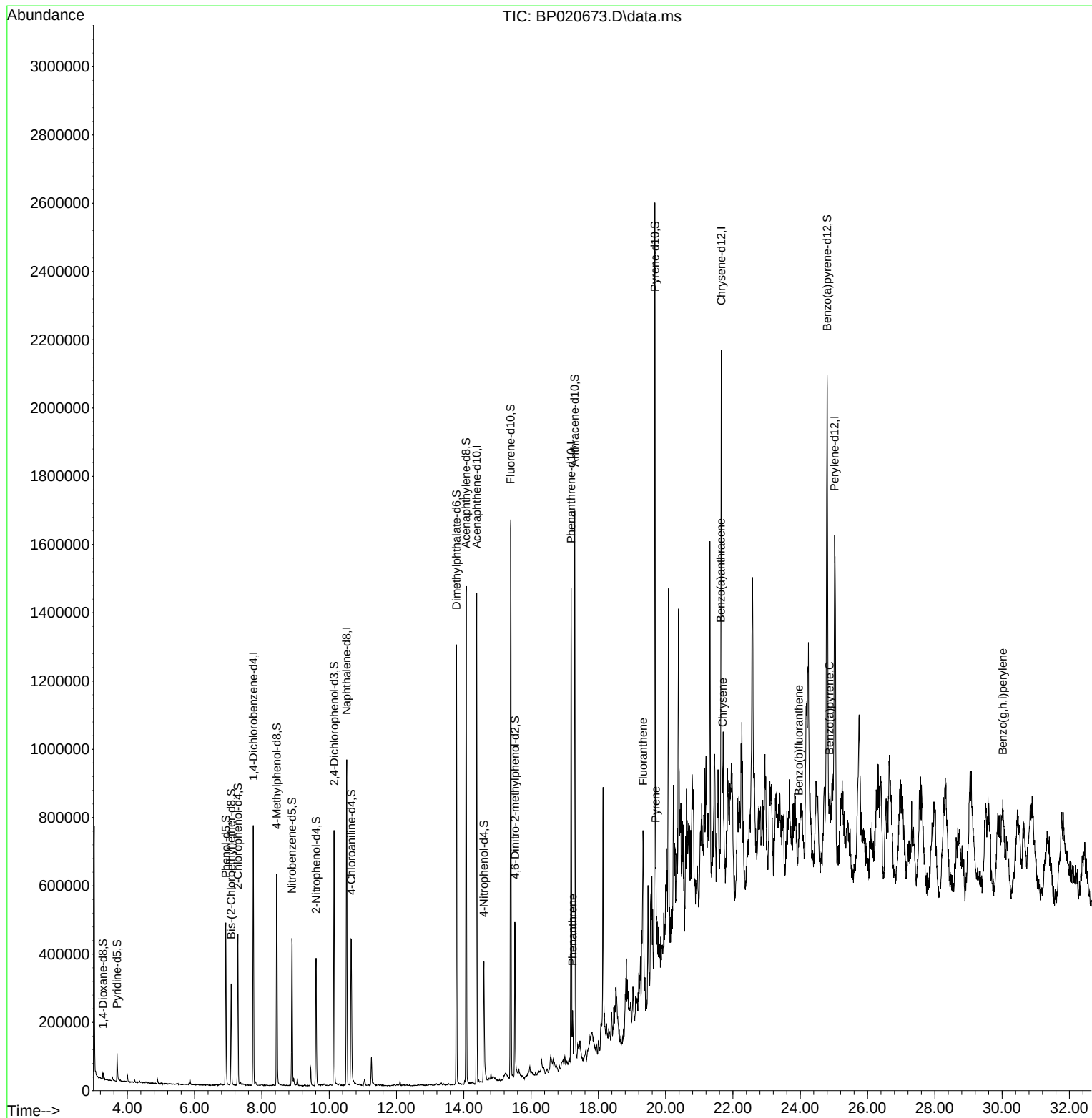
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020673.D
Acq On : 27 Jun 2024 23:49
Operator : MA/JU
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ALS Vial : 30 Sample Multiplier: 1

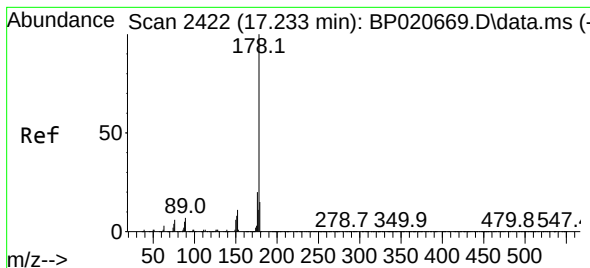
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Jun 28 00:21:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
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#72

Phenanthrene

Concen: 1.893 ng/ul

RT: 17.233 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BP020673.D

Acq: 27 Jun 2024 23:49

Instrument :

BNA_P

ClientSampleId :

A4B78

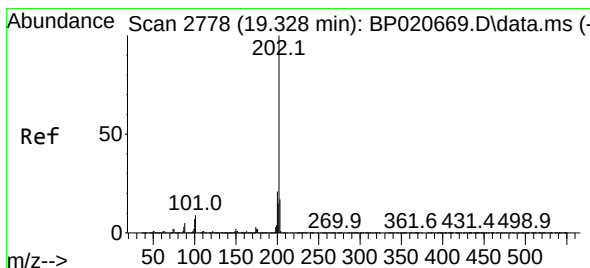
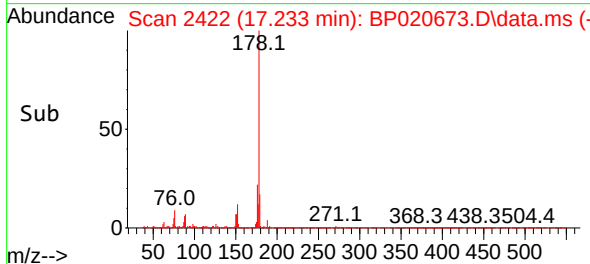
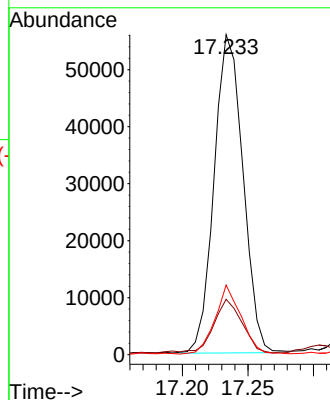
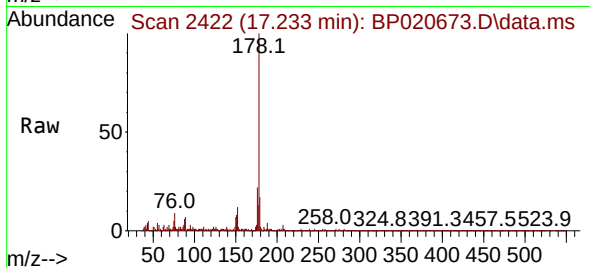
Tgt Ion:178	Resp:	85430
Ion Ratio	Lower	Upper
178	100	
179	17.3	12.4 18.6
176	21.7	15.4 23.2

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#80

Fluoranthene

Concen: 3.150 ng/ul

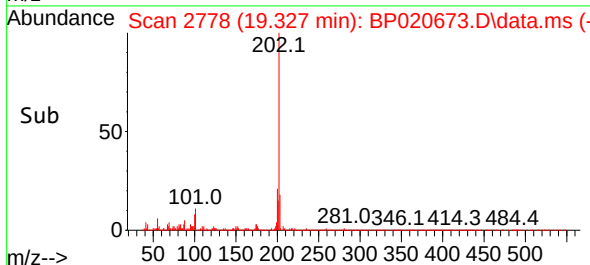
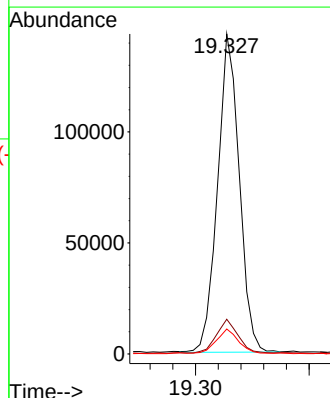
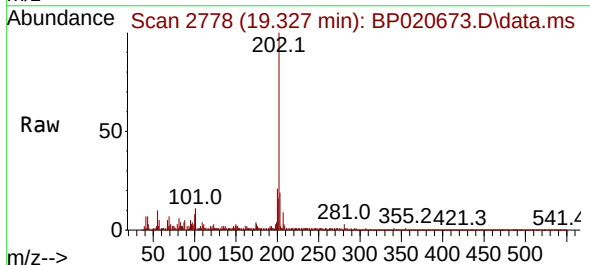
RT: 19.327 min Scan# 2778

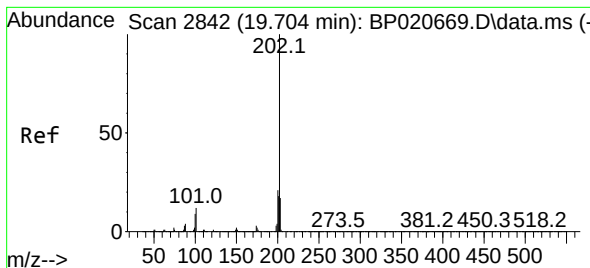
Delta R.T. 0.006 min

Lab File: BP020673.D

Acq: 27 Jun 2024 23:49

Tgt Ion:202	Resp:	190401
Ion Ratio	Lower	Upper
202	100	
101	10.9	8.2 12.4
100	7.8	6.6 10.0





#82

Pyrene

Concen: 2.644 ng/ul

RT: 19.710 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020673.D

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Instrument :

BNA_P

ClientSampleId :

A4B78

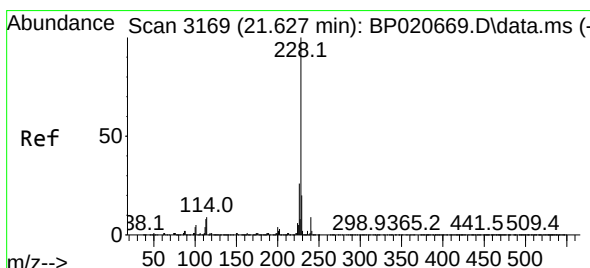
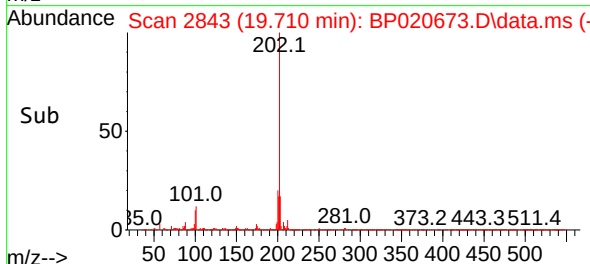
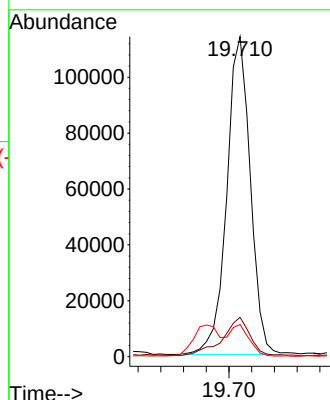
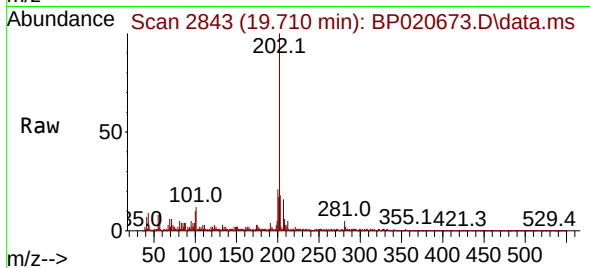
Tgt Ion:	202	Resp:	16393
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.8	14.8
100	10.0	7.9	11.9

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#85

Benzo(a)anthracene

Concen: 1.576 ng/ul

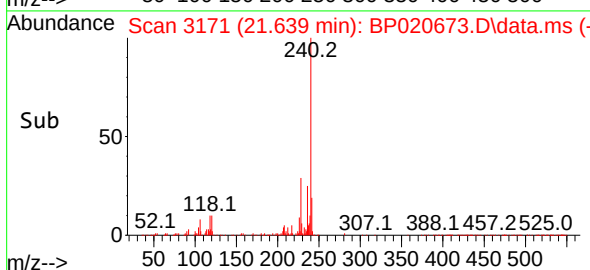
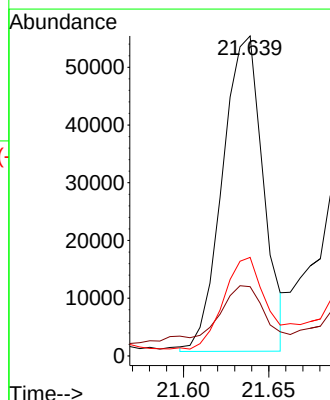
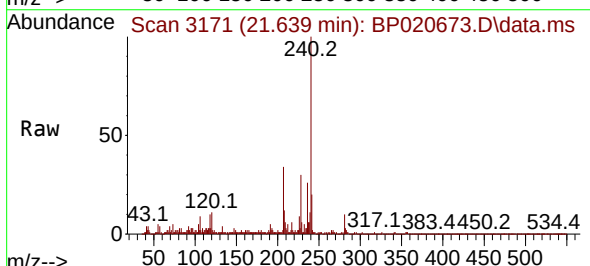
RT: 21.639 min Scan# 3171

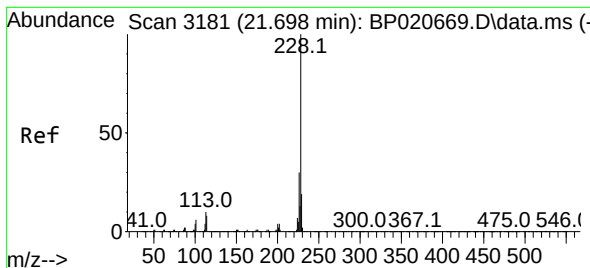
Delta R.T. 0.018 min

Lab File: BP020673.D

Acq: 27 Jun 2024 23:49

Tgt Ion:	228	Resp:	90985
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.2	22.8
226	30.8	21.1	31.7





#87

Chrysene

Concen: 1.829 ng/ul

RT: 21.698 min Scan# 3181

Delta R.T. 0.006 min

Lab File: BP020673.D

Acq: 27 Jun 2024 23:49

Instrument :

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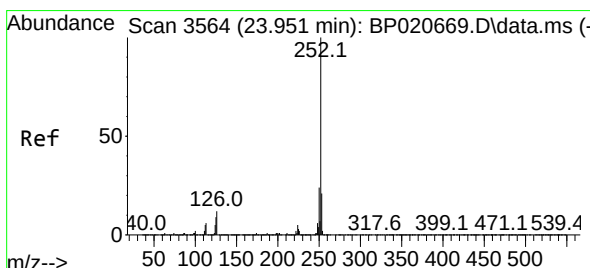
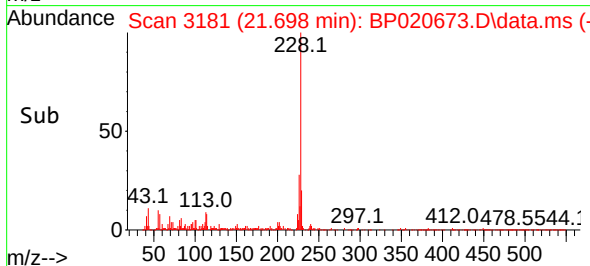
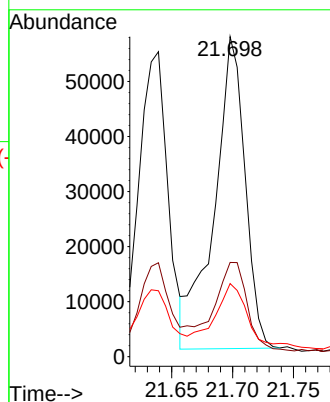
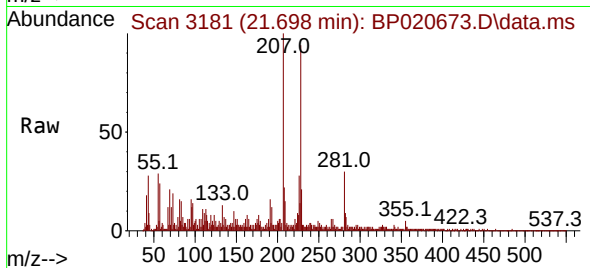
Tgt Ion:	228	Resp:	99804
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.8	35.6
229	22.9	16.1	24.1

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#90

Benzo(b)fluoranthene

Concen: 2.167 ng/ul

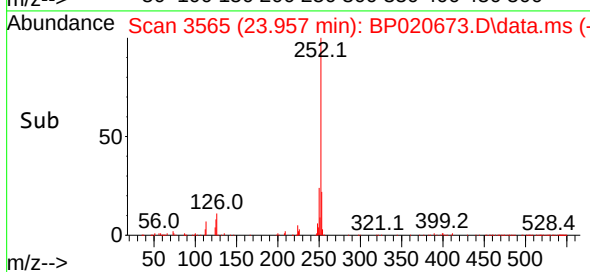
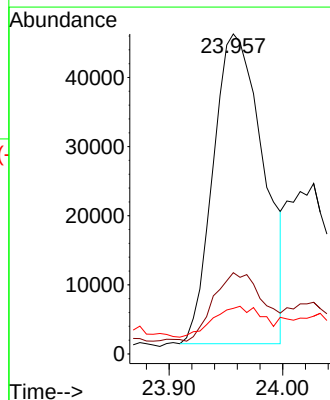
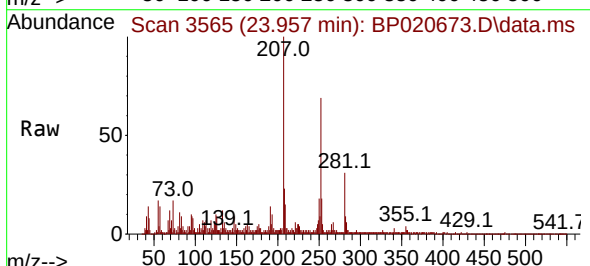
RT: 23.957 min Scan# 3565

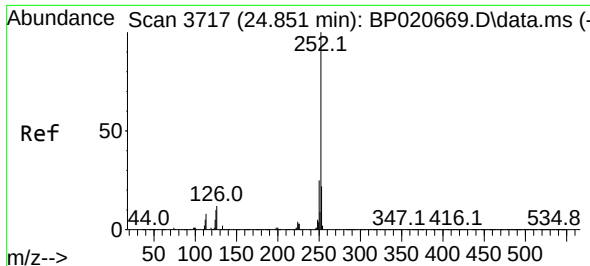
Delta R.T. 0.018 min

Lab File: BP020673.D

Acq: 27 Jun 2024 23:49

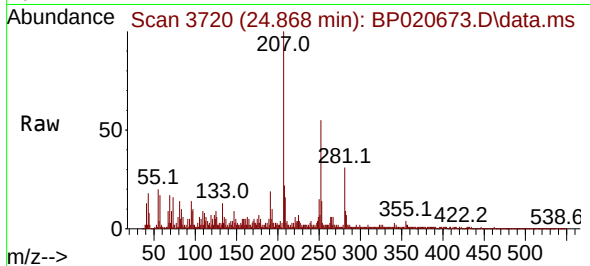
Tgt Ion:	252	Resp:	137665
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.5	26.3
125	14.3	7.9	11.9





#93
Benzo(a)pyrene
Concen: 1.659 ng/ul
RT: 24.868 min Scan# 31
Delta R.T. 0.023 min
Lab File: BP020673.D
Acq: 27 Jun 2024 23:49

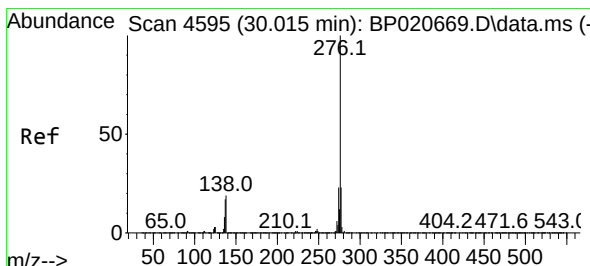
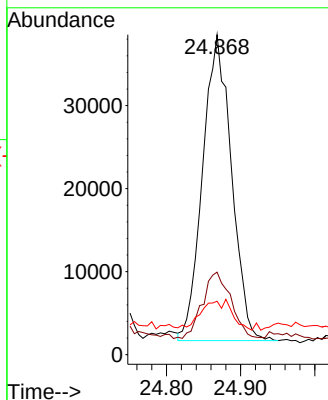
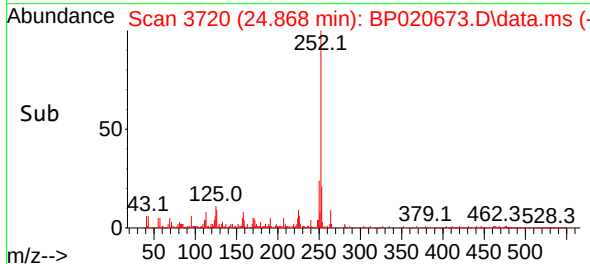
Instrument :
BNA_P
ClientSampleId :
A4B78



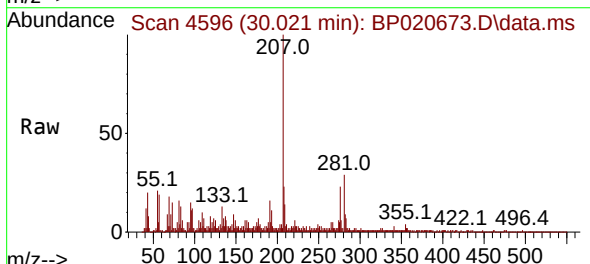
Tgt Ion:252 Resp: 9948
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.2
125 16.7 8.7 13.1

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#96
Benzo(g,h,i)perylene
Concen: 1.297 ng/ul m
RT: 30.021 min Scan# 4596
Delta R.T. 0.018 min
Lab File: BP020673.D
Acq: 27 Jun 2024 23:49



Tgt Ion:276 Resp: 81447
Ion Ratio Lower Upper
276 100
138 24.5 16.4 24.6
277 27.1 18.7 28.1

