

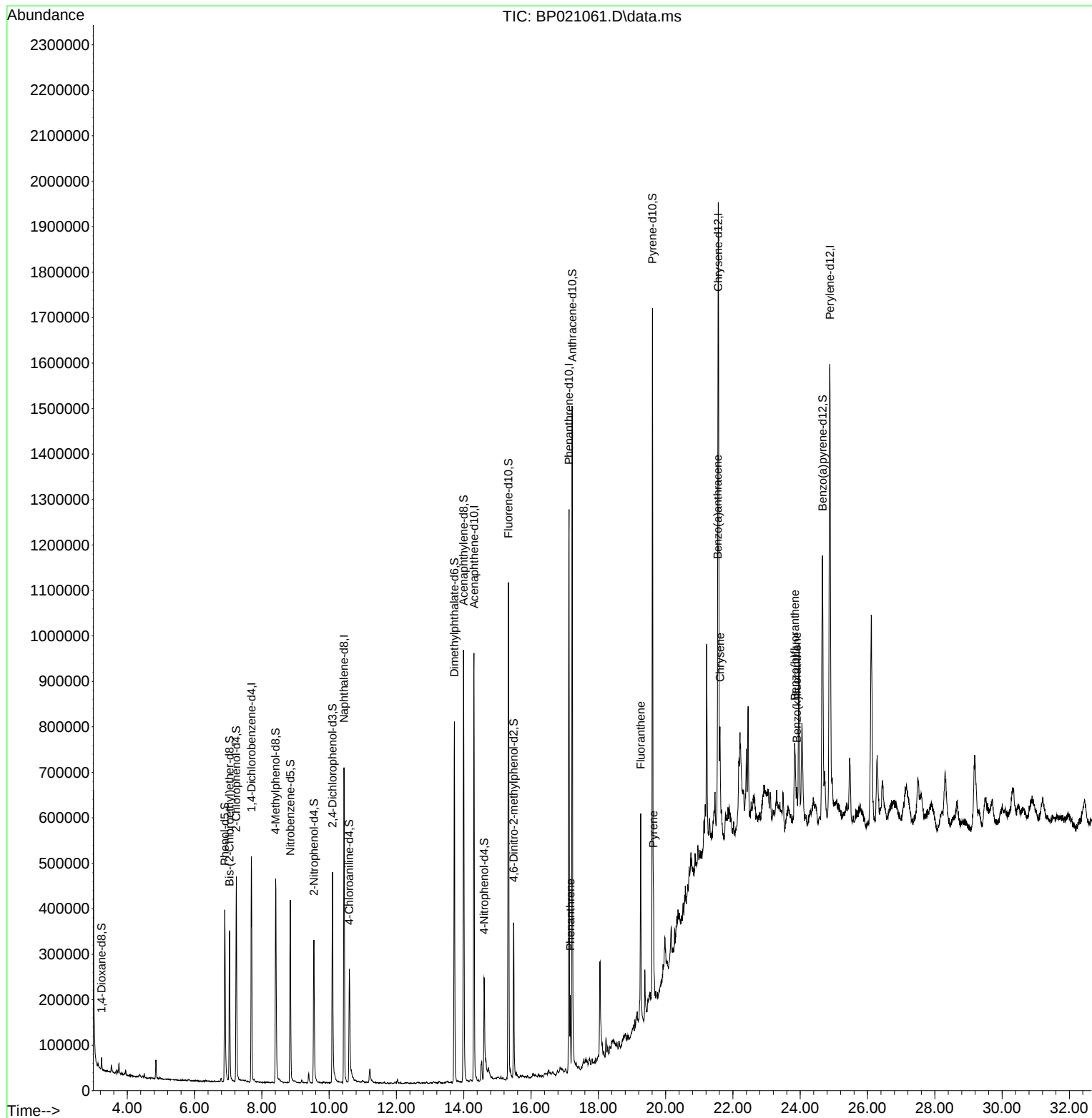
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021061.D
Acq On : 19 Jul 2024 02:12
Operator : MA/JU
Sample : P3201-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

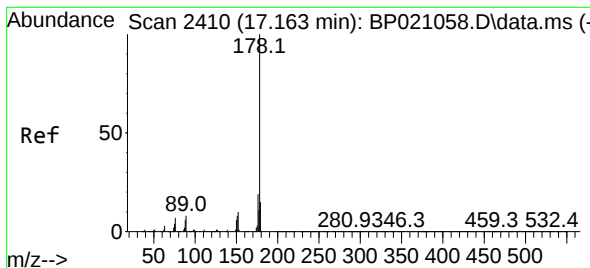
Instrument :
BNA_P
ClientSampleId :
A4BY8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 02:48:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.269 ng/ul

RT: 17.169 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP021061.D

Acq: 19 Jul 2024 02:12

Instrument :

BNA_P

ClientSampleId :

A4BY8

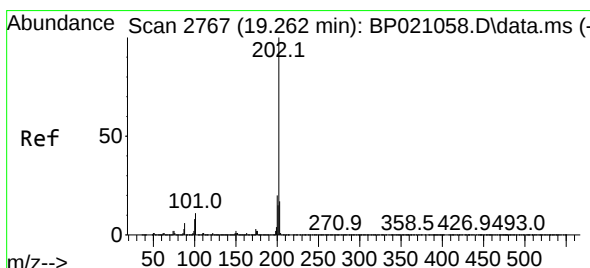
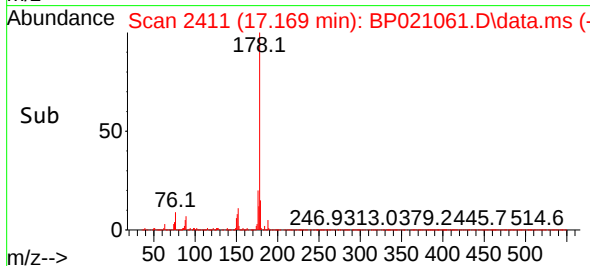
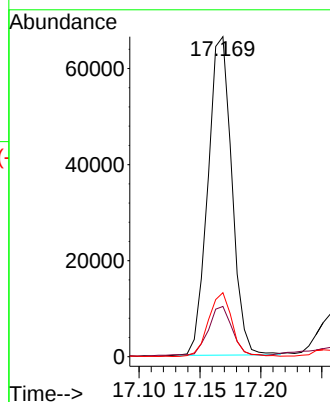
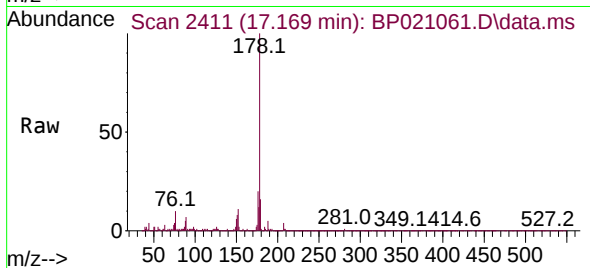
Tgt Ion:178	Resp:	9062
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.2 18.4
176	20.0	15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/20/2024



#80

Fluoranthene

Concen: 4.173 ng/ul

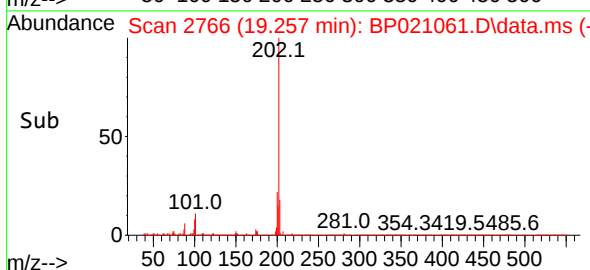
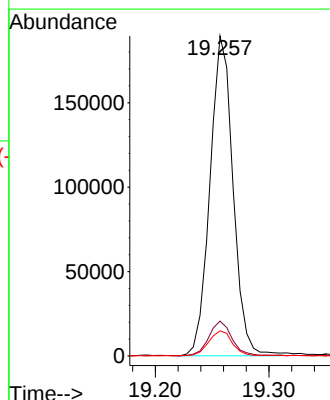
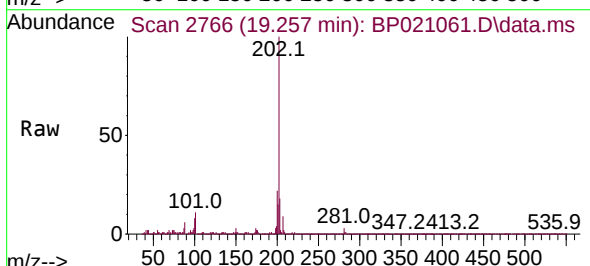
RT: 19.257 min Scan# 2766

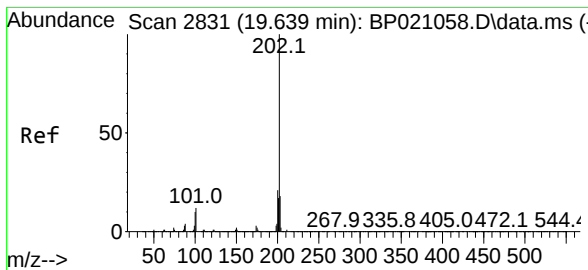
Delta R.T. -0.006 min

Lab File: BP021061.D

Acq: 19 Jul 2024 02:12

Tgt Ion:202	Resp:	267480
Ion Ratio	Lower	Upper
202	100	
101	10.9	8.0 12.0
100	7.8	6.1 9.1





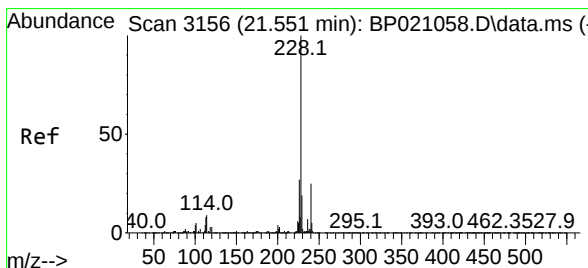
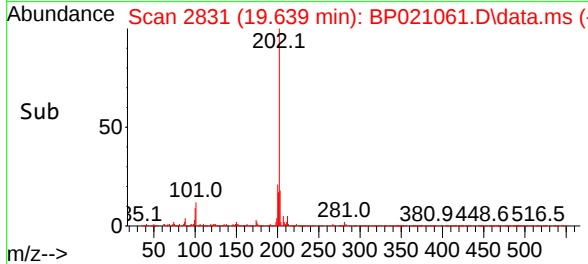
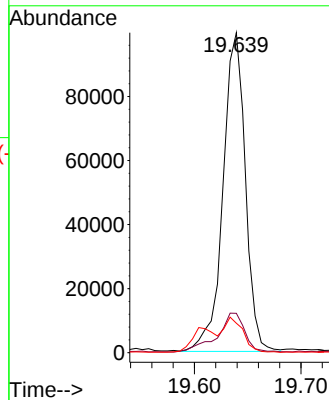
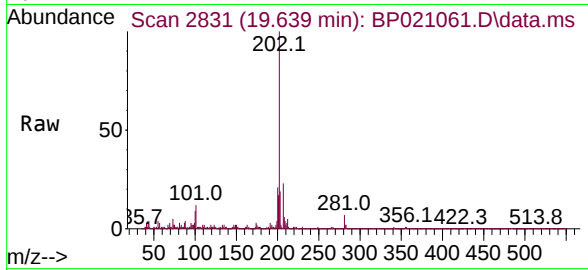
#82
Pyrene
Concen: 2.229 ng/ul
RT: 19.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021061.D
Acq: 19 Jul 2024 02:12

Instrument :
BNA_P
ClientSampleId :
A4BY8

Tgt Ion:202 Resp: 145388
Ion Ratio Lower Upper
202 100
101 12.3 9.4 14.2
100 9.2 7.8 11.6

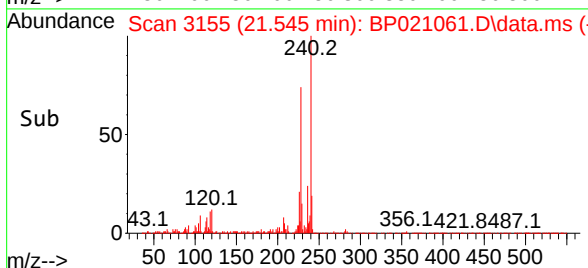
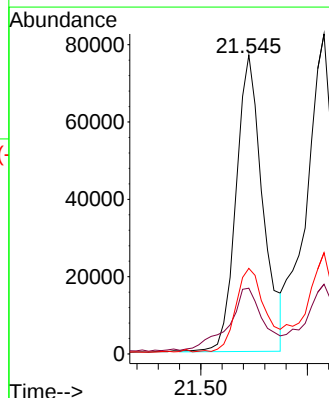
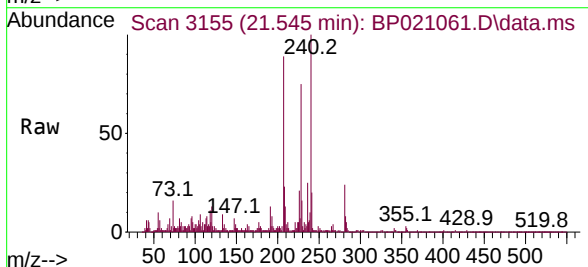
Manual Integrations
APPROVED

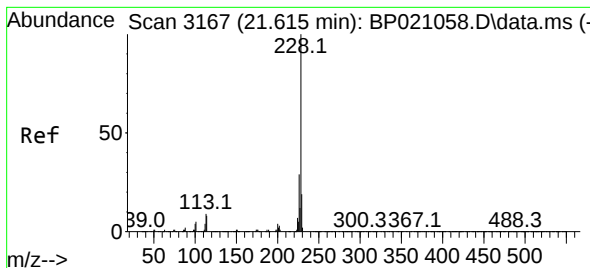
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#85
Benzo(a)anthracene
Concen: 2.223 ng/ul
RT: 21.545 min Scan# 3155
Delta R.T. -0.018 min
Lab File: BP021061.D
Acq: 19 Jul 2024 02:12

Tgt Ion:228 Resp: 133709
Ion Ratio Lower Upper
228 100
229 22.0 15.5 23.3
226 28.6 21.4 32.2





#87

Chrysene

Concen: 2.748 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. -0.012 min

Lab File: BP021061.D

Acq: 19 Jul 2024 02:12

Instrument :

BNA_P

ClientSampleId :

A4BY8

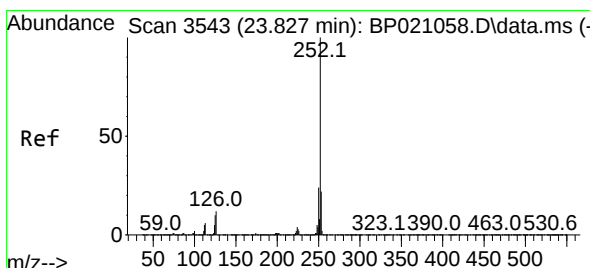
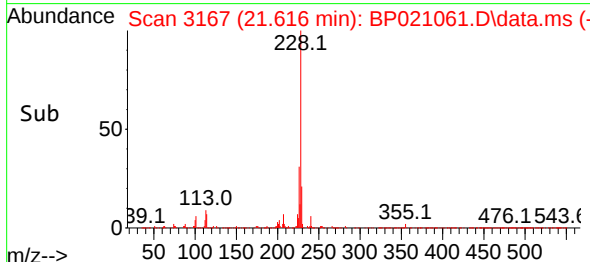
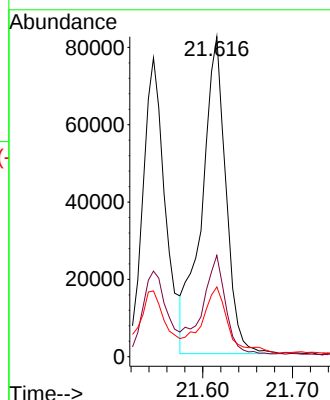
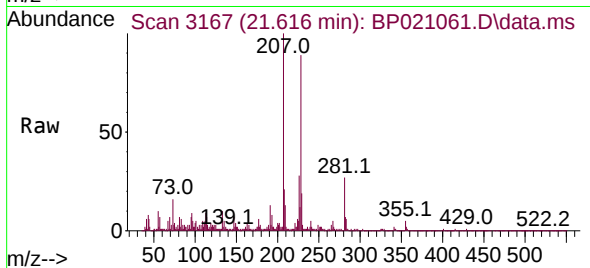
Tgt Ion:	228	Resp:	15355
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.6	35.4
229	21.8	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/20/2024



#90

Benzo(b)fluoranthene

Concen: 3.290 ng/ul

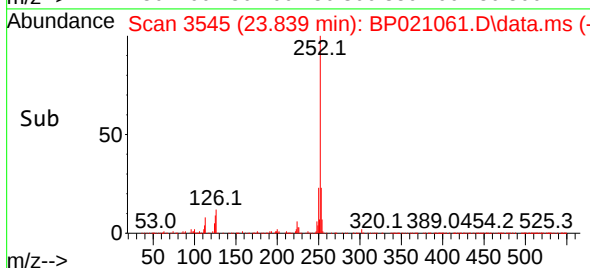
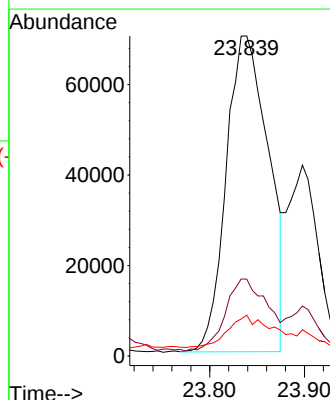
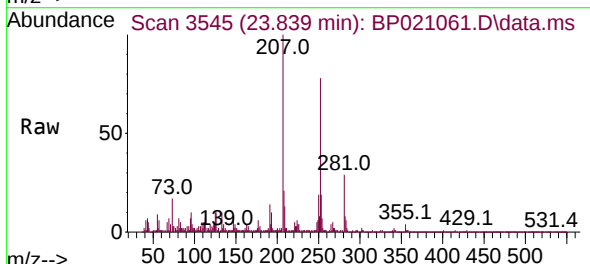
RT: 23.839 min Scan# 3545

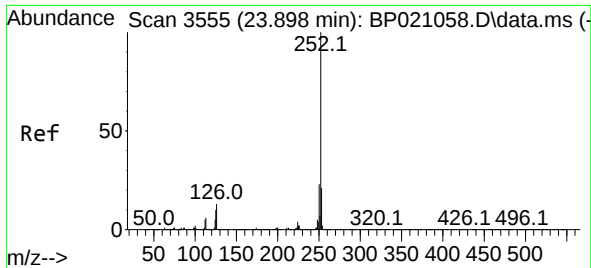
Delta R.T. -0.012 min

Lab File: BP021061.D

Acq: 19 Jul 2024 02:12

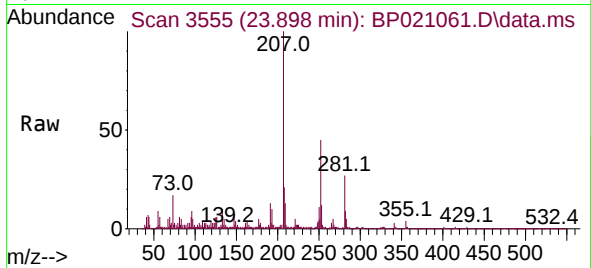
Tgt Ion:	252	Resp:	216590
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	12.7	7.0	10.4





#91
Benzo(k)fluoranthene
Concen: 1.421 ng/ul m
RT: 23.898 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP021061.D
Acq: 19 Jul 2024 02:12

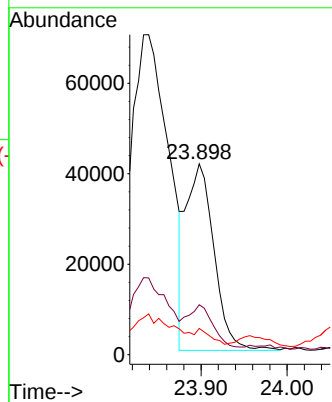
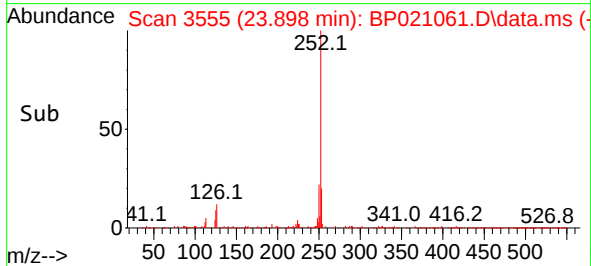
Instrument :
BNA_P
ClientSampleId :
A4BY8



Tgt Ion:252 Resp: 93375
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.2
125 13.8 7.4 11.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021061.D
 Acq On : 19 Jul 2024 02:12
 Operator : MA/JU
 Sample : P3201-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BY8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 02:48:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	138053	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	541187	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	349902	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	769879	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	858468	20.000	ng/u1	-0.02
88) Perylene-d12	24.880	264	1084892	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	11180	3.685	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.899	99	263309	23.395	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	154518	22.654	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	220101	23.735	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	199676	21.361	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	105997	25.217	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	119535	24.846	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	202841m	23.316	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	183527	15.924	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	614620	24.163	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	704729	24.674	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	87886m	24.285	ng/u1	0.00
60) Fluorene-d10	15.328	176	548583	26.289	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	77843	16.711	ng/u1	0.00
73) Anthracene-d10	17.222	188	865987	25.326	ng/u1	0.00
81) Pyrene-d10	19.610	212	806976	15.205	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.663	264	607506	11.354	ng/u1	-0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.169	178	90622	2.269	ng/u1	98
80) Fluoranthene	19.257	202	267480	4.173	ng/u1	98
82) Pyrene	19.639	202	145388	2.229	ng/u1	99
85) Benzo(a)anthracene	21.545	228	133709	2.223	ng/u1	96
87) Chrysene	21.616	228	153555	2.748	ng/u1	95
90) Benzo(b)fluoranthene	23.839	252	216590	3.290	ng/u1#	93
91) Benzo(k)fluoranthene	23.898	252	93375m	1.421	ng/u1	

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