

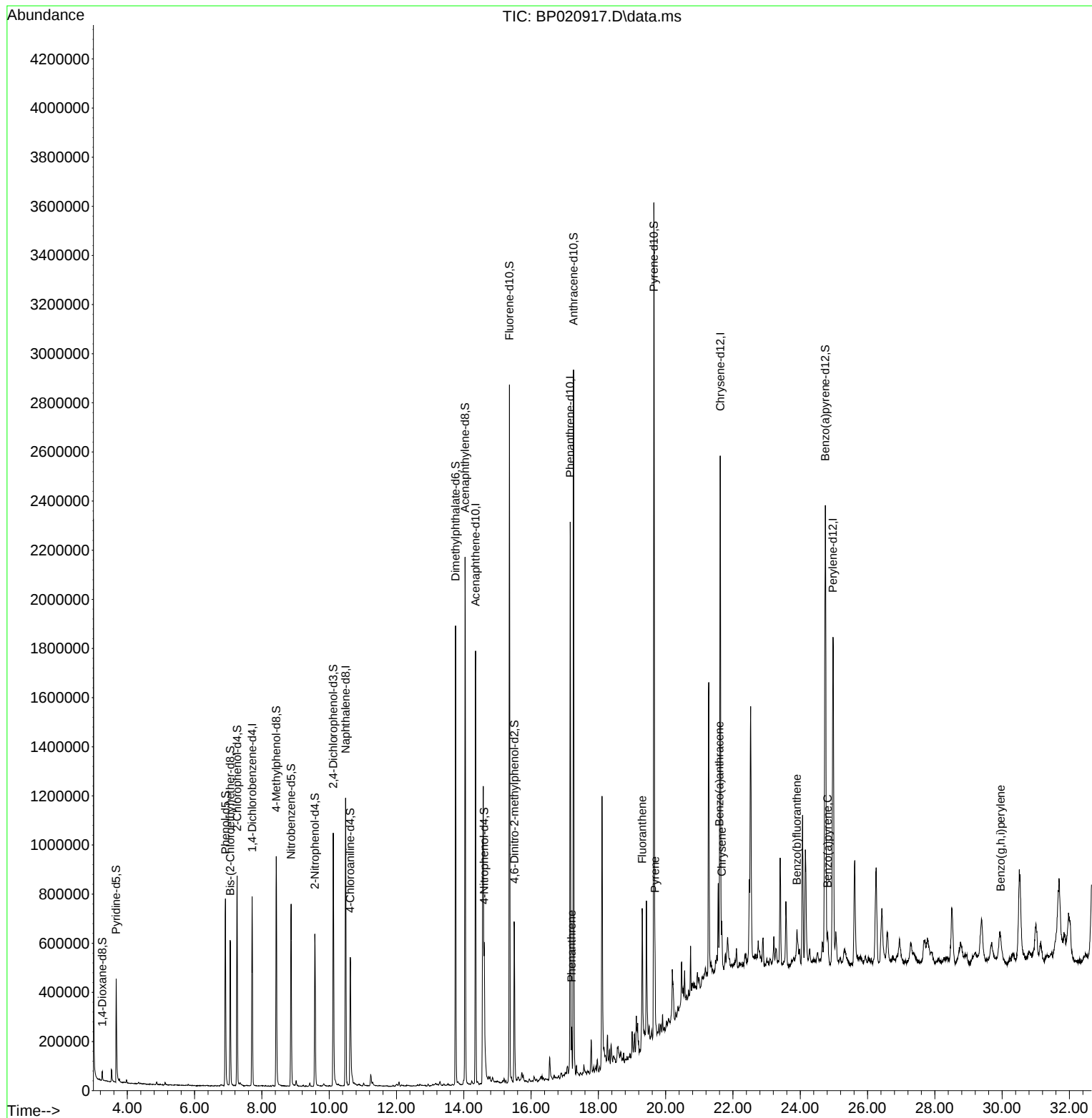
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020917.D
Acq On : 12 Jul 2024 01:25
Operator : MA/JU
Sample : P3087-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

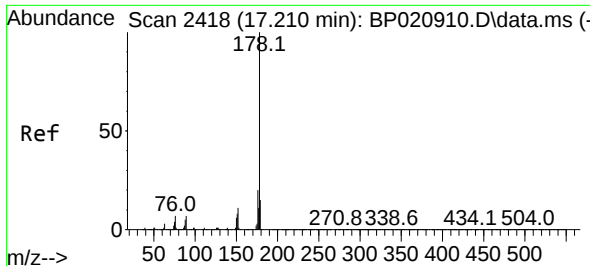
Instrument :
BNA_P
ClientSampleId :
A4CB5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 03:50:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration





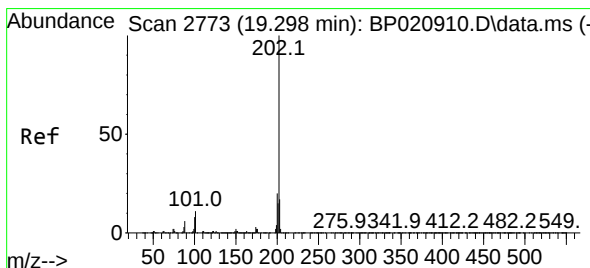
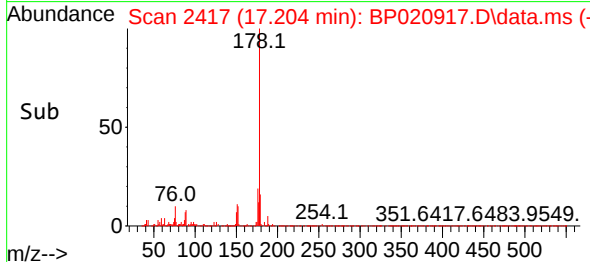
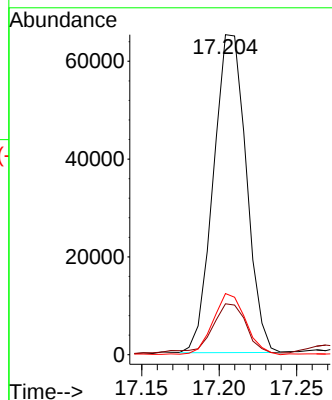
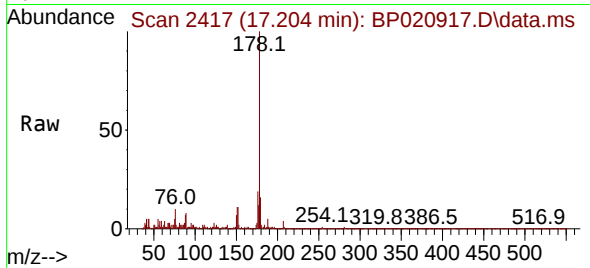
#72
Phenanthrene
Concen: 1.415 ng/ul
RT: 17.204 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BP020917.D
Acq: 12 Jul 2024 01:25

Instrument :
BNA_P
ClientSampleId :
A4CB5

Tgt Ion:178 Resp: 96090
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.1 15.0 22.4

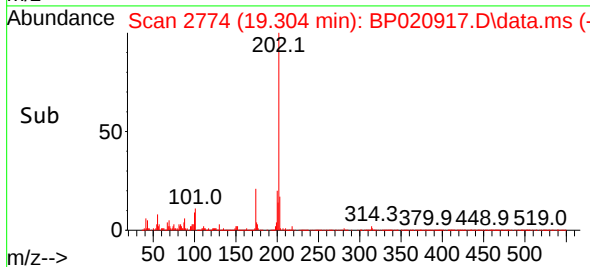
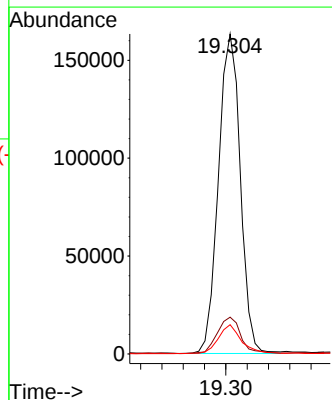
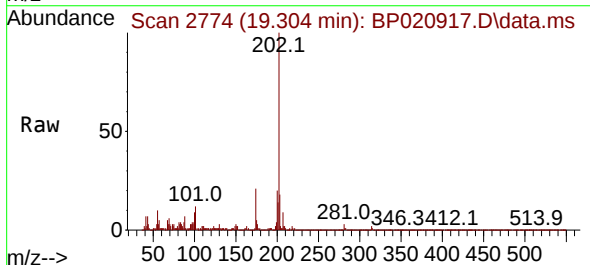
Manual Integrations
APPROVED

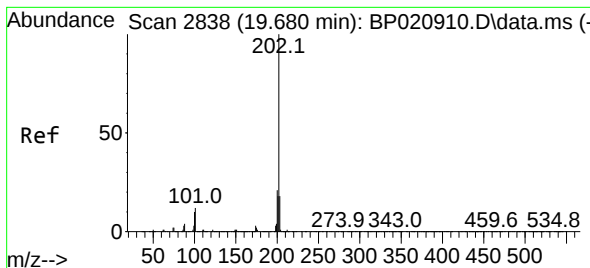
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#80
Fluoranthene
Concen: 2.470 ng/ul
RT: 19.304 min Scan# 2774
Delta R.T. -0.006 min
Lab File: BP020917.D
Acq: 12 Jul 2024 01:25

Tgt Ion:202 Resp: 232398
Ion Ratio Lower Upper
202 100
101 11.5 8.0 12.0
100 9.2 6.1 9.1#





#82

Pyrene

Concen: 2.297 ng/ul

RT: 19.680 min Scan# 21995

Delta R.T. -0.012 min

Lab File: BP020917.D

Acq: 12 Jul 2024 01:25

Instrument :

BNA_P

ClientSampleId :

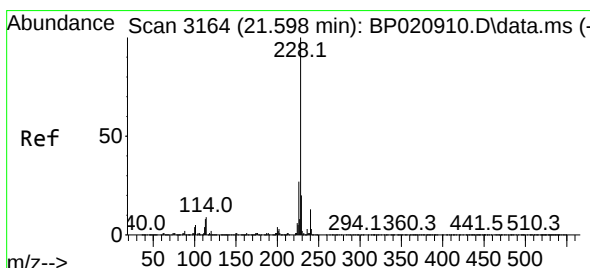
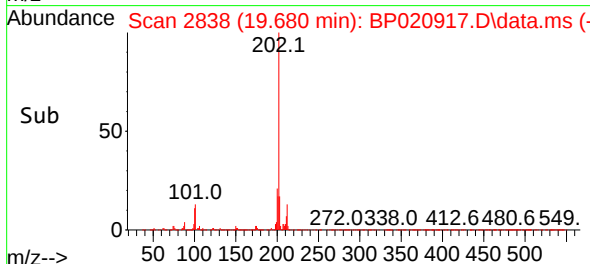
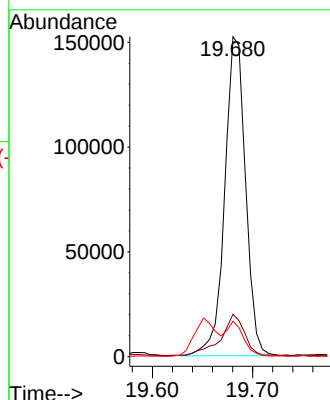
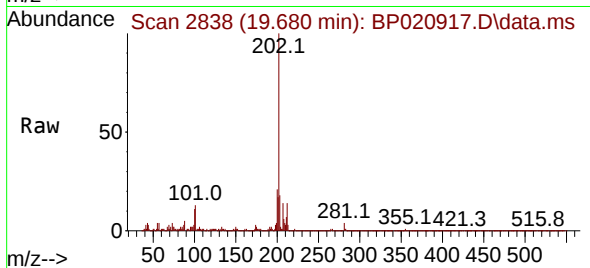
A4CB5

Tgt Ion:	202	Resp:	21995
Ion Ratio	Lower	Upper	
202	100		
101	13.3	9.4	14.2
100	11.1	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#85

Benzo(a)anthracene

Concen: 1.380 ng/ul

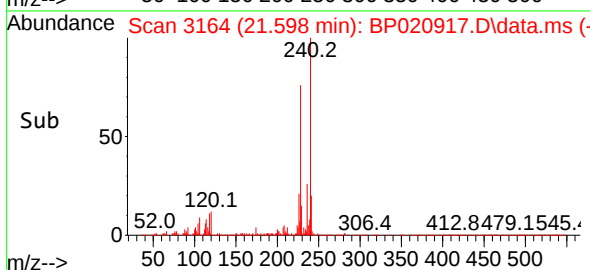
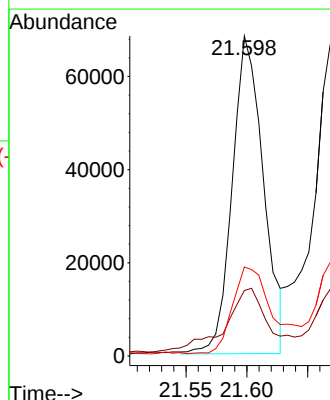
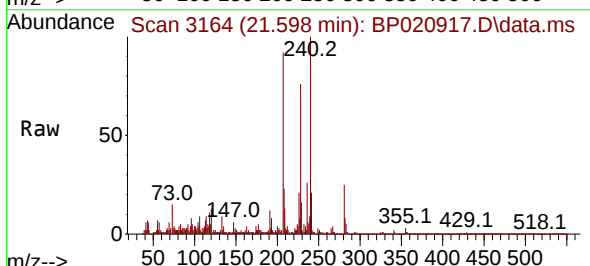
RT: 21.598 min Scan# 3164

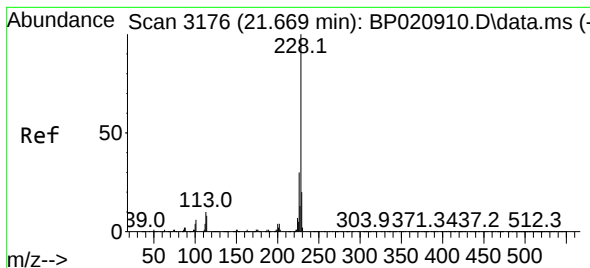
Delta R.T. -0.012 min

Lab File: BP020917.D

Acq: 12 Jul 2024 01:25

Tgt Ion:	228	Resp:	121780
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.5	23.3
226	27.8	21.4	32.2





#87

Chrysene

Concen: 1.536 ng/ul m

RT: 21.668 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BP020917.D

Acq: 12 Jul 2024 01:25

Instrument :

BNA_P

ClientSampleId :

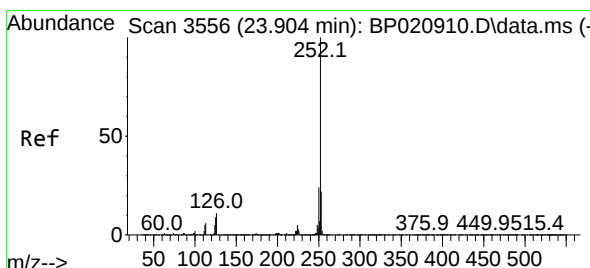
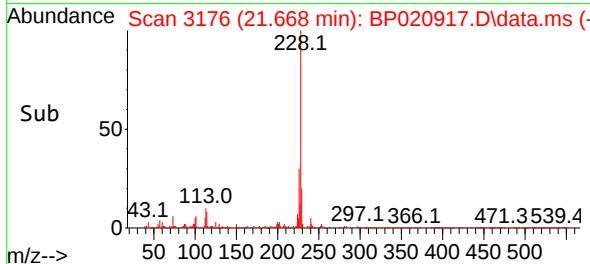
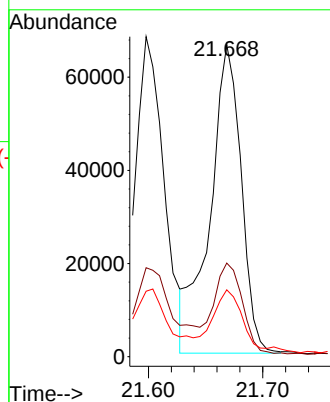
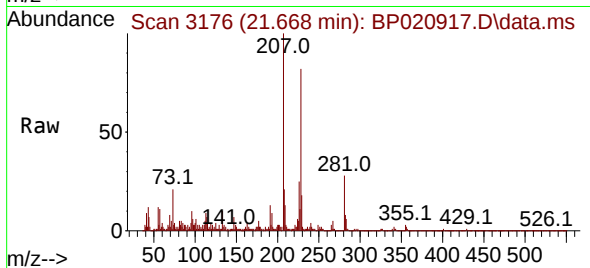
A4CB5

Tgt Ion:228	Resp: 125990
Ion Ratio	Lower Upper
228 100	
226 30.0	23.6 35.4
229 21.4	15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#90

Benzo(b)fluoranthene

Concen: 1.975 ng/ul

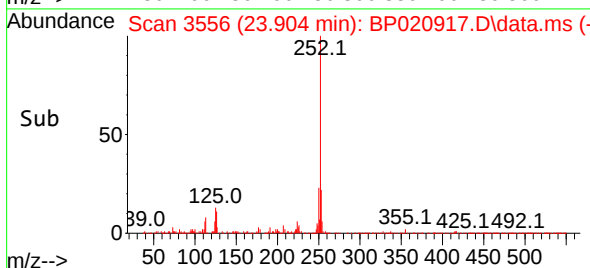
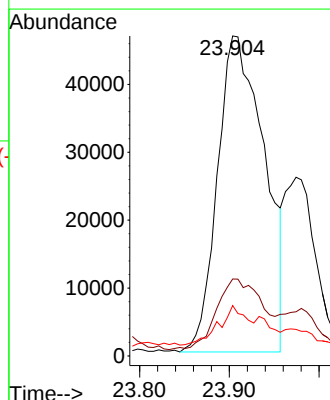
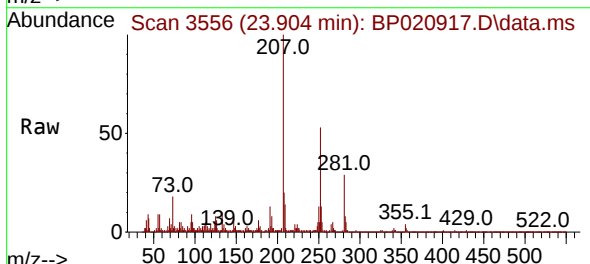
RT: 23.904 min Scan# 3556

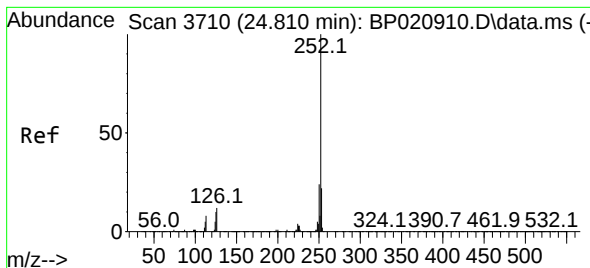
Delta R.T. -0.018 min

Lab File: BP020917.D

Acq: 12 Jul 2024 01:25

Tgt Ion:252	Resp: 168882
Ion Ratio	Lower Upper
252 100	
253 24.0	17.1 25.7
125 15.7	7.0 10.4





#93

Benzo(a)pyrene

Concen: 1.448 ng/ul

RT: 24.815 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020917.D

Acq: 12 Jul 2024 01:25

Instrument :

BNA_P

ClientSampleId :

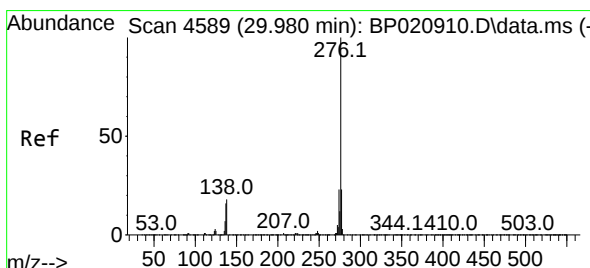
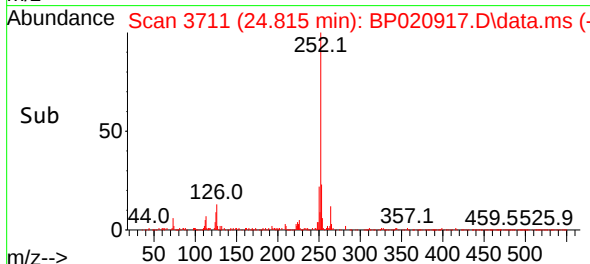
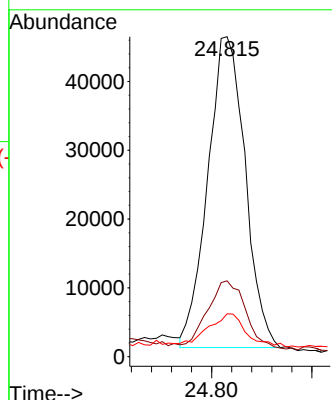
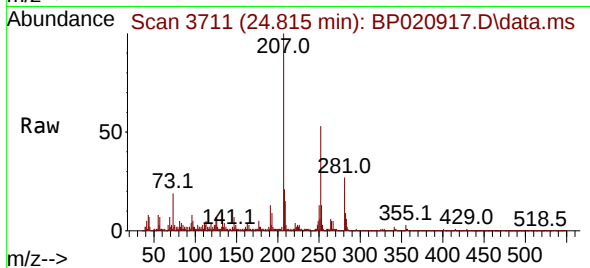
A4CB5

Tgt Ion:	252	Resp:	11699
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	13.4	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#96

Benzo(g,h,i)perylene

Concen: 1.031 ng/ul

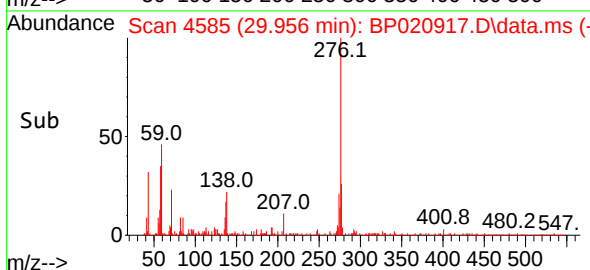
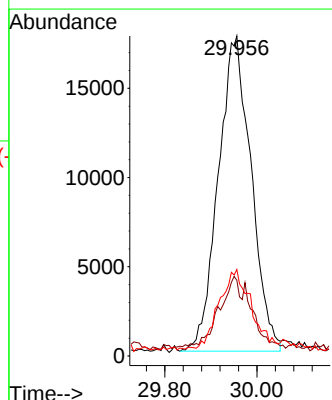
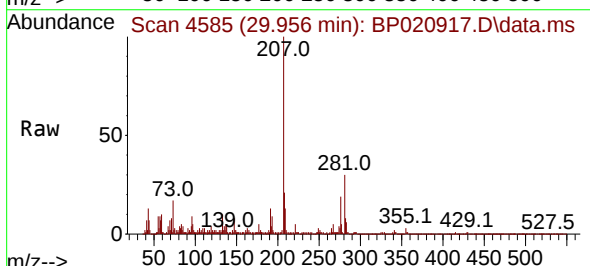
RT: 29.956 min Scan# 4585

Delta R.T. -0.029 min

Lab File: BP020917.D

Acq: 12 Jul 2024 01:25

Tgt Ion:	276	Resp:	87454
Ion Ratio	Lower	Upper	
276	100		
138	23.7	15.3	22.9
277	27.0	18.2	27.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020917.D
 Acq On : 12 Jul 2024 01:25
 Operator : MA/JU
 Sample : P3087-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CB5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 03:50:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	220548	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.487	136	933007	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	623993	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	1309090	20.000	ng/ul	-0.02
79) Chrysene-d12	21.621	240	1260170	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	1408818	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	18129	3.741	ng/uL	0.00
4) Pyridine-d5	3.669	84	212779	15.165	ng/ul	0.00
7) Phenol-d5	6.916	99	448273	24.931	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	269812	24.761	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	372934	25.174	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	358164	23.983	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	184065	25.400	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	213715	25.766	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	386491	25.769	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	353739	17.803	ng/ul	-0.01
46) Dimethylphthalate-d6	13.757	166	1250690	27.572	ng/ul	-0.01
49) Acenaphthylene-d8	14.039	160	1375364	27.003	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.610	143	177412	27.489	ng/ul	0.00
60) Fluorene-d10	15.357	176	1057656	28.421	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.504	200	165993	20.957	ng/ul	0.00
73) Anthracene-d10	17.263	188	1657096	28.500	ng/ul	-0.01
81) Pyrene-d10	19.651	212	1991551	25.563	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.745	264	2000338	28.789	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	96090	1.415	ng/ul	99
80) Fluoranthene	19.304	202	232398	2.470	ng/ul#	96
82) Pyrene	19.680	202	219952	2.297	ng/ul	96
85) Benzo(a)anthracene	21.598	228	121780	1.380	ng/ul	98
87) Chrysene	21.668	228	125996m	1.536	ng/ul	
90) Benzo(b)fluoranthene	23.904	252	168882	1.975	ng/ul#	90
93) Benzo(a)pyrene	24.815	252	116991	1.448	ng/ul#	94
96) Benzo(g,h,i)perylene	29.956	276	87454	1.031	ng/ul#	91

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