

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017979.D
 Acq On : 09 Nov 2023 01:21
 Operator : MA/JU
 Sample : 05060-19
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 09 02:05:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	103028	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.663	136	435397	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.516	164	274695	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.287	188	597328	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.404	240	539088	20.000	ng/u1	-0.01
88) Perylene-d12	23.886	264	592716	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	3471	1.289	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.022	99	60726	6.285	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	40159	6.891	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	51427	6.927	ng/u1	-0.01
15) 4-Methylphenol-d8	8.581	113	40073	5.018	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	25881	7.438	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	27126	6.769	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	49906	6.793	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	28414m	2.669	ng/u1	0.01
46) Dimethylphthalate-d6	13.934	166	182903	7.594	ng/u1	-0.01
49) Acenaphthylene-d8	14.216	160	193380	7.317	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	13964m	3.771	ng/u1	0.02
60) Fluorene-d10	15.510	176	157470	7.811	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.669	200	19103	4.373	ng/u1	0.00
73) Anthracene-d10	17.387	188	232024	7.471	ng/u1	-0.01
81) Pyrene-d10	19.639	212	294151	8.596	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	266040	8.033	ng/u1	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.246	152	31947	1.080	ng/u1	96
52) Acenaphthene	14.581	153	33098	1.688	ng/u1	97
61) Fluorene	15.569	166	44614	1.946	ng/u1	96
72) Phenanthrene	17.328	178	320839	9.135	ng/u1	98
74) Anthracene	17.422	178	206513	5.784	ng/u1	99
80) Fluoranthene	19.310	202	902402	22.595	ng/u1	99
82) Pyrene	19.669	202	768763	18.455	ng/u1	99
85) Benzo(a)anthracene	21.392	228	313374	7.548	ng/u1	99
87) Chrysene	21.445	228	385679	10.018	ng/u1	99
90) Benzo(b)fluoranthene	23.122	252	413705	10.113	ng/u1	99
91) Benzo(k)fluoranthene	23.163	252	133283	3.249	ng/u1	97
93) Benzo(a)pyrene	23.774	252	166374	4.375	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.515	276	142581	3.148	ng/u1	99
96) Benzo(g,h,i)perylene	27.333	276	140144	3.886	ng/u1	99

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

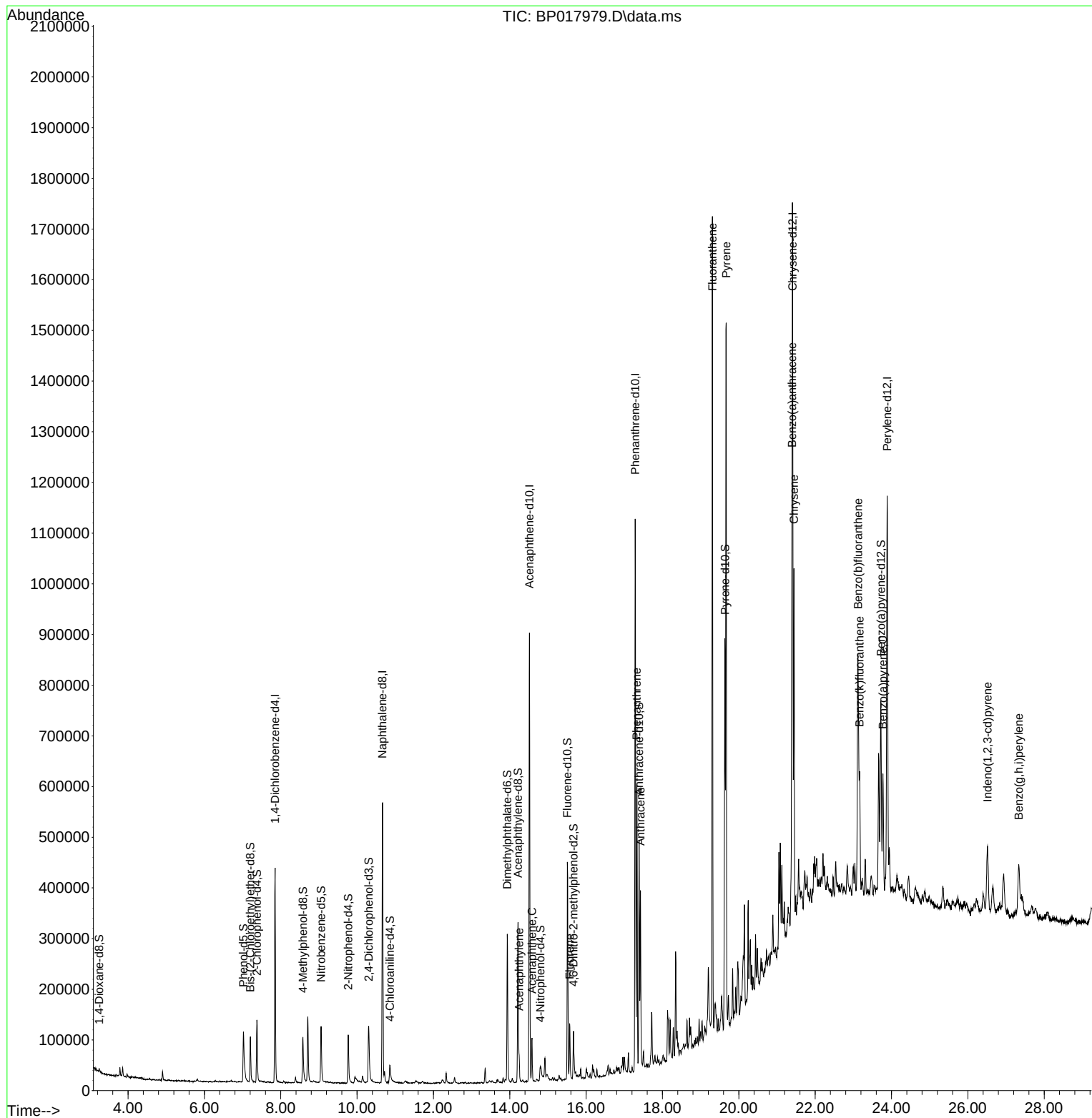
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017979.D
 Acq On : 09 Nov 2023 01:21
 Operator : MA/JU
 Sample : 05060-19
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

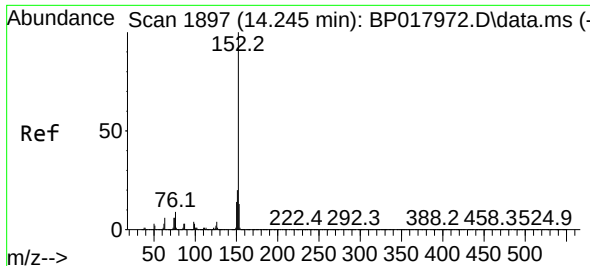
Instrument :
 BNA_P
 ClientSampleId :
 DCKH5

Quant Time: Nov 09 02:05:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023





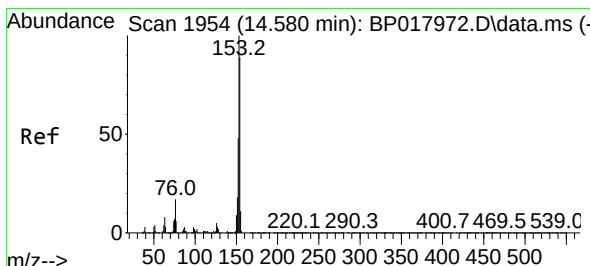
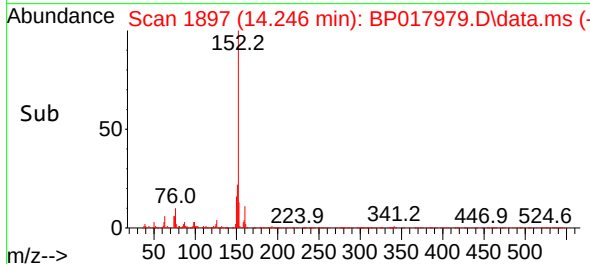
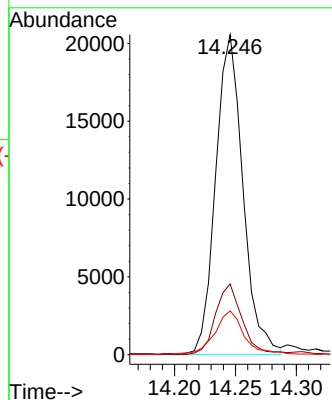
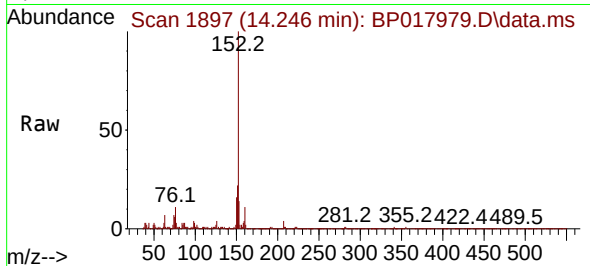
#50
Acenaphthylene
Concen: 1.080 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP017979.D
Acq: 09 Nov 2023 01:21

Instrument :
BNA_P
ClientSampleId :
DCKH5

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.9	23.9
153	13.7	10.4	15.6

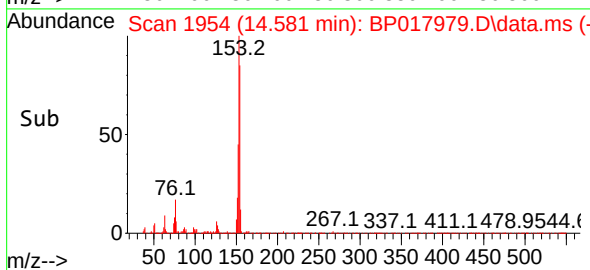
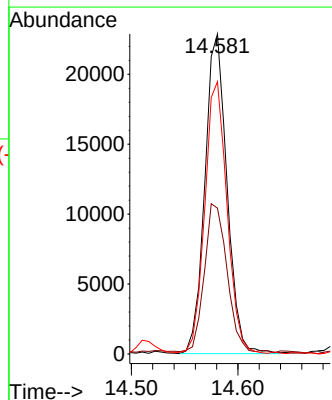
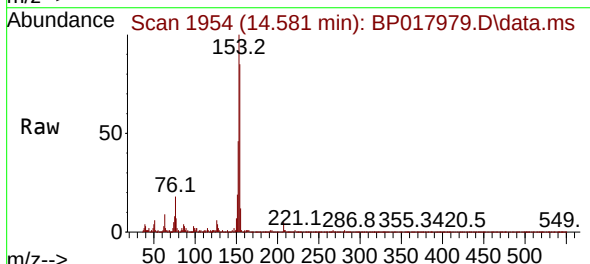
Manual Integrations
APPROVED

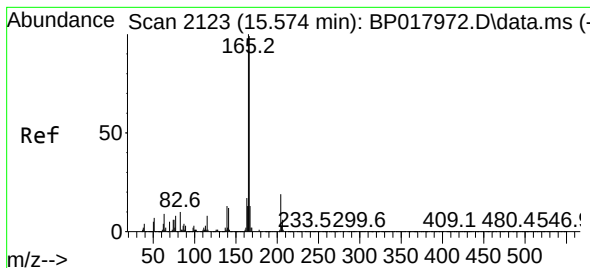
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#52
Acenaphthene
Concen: 1.688 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP017979.D
Acq: 09 Nov 2023 01:21

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.6	37.7	56.5
154	85.1	70.4	105.6





#61

Fluorene

Concen: 1.946 ng/ul

RT: 15.569 min Scan# 2123

Delta R.T. -0.012 min

Lab File: BP017979.D

Acq: 09 Nov 2023 01:21

Instrument :

BNA_P

ClientSampleId :

DCKH5

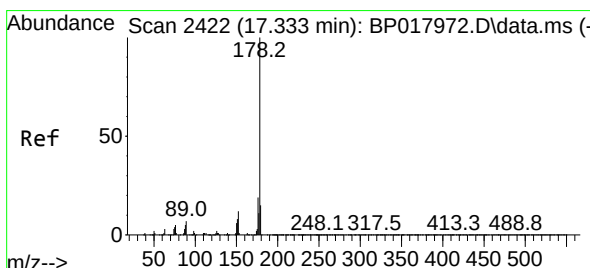
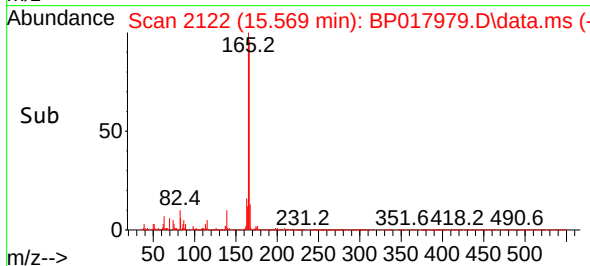
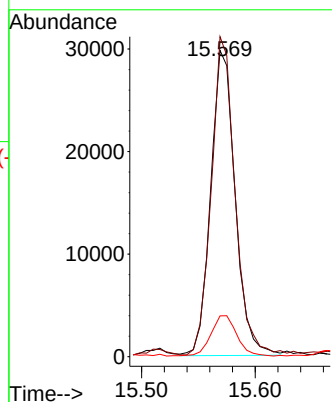
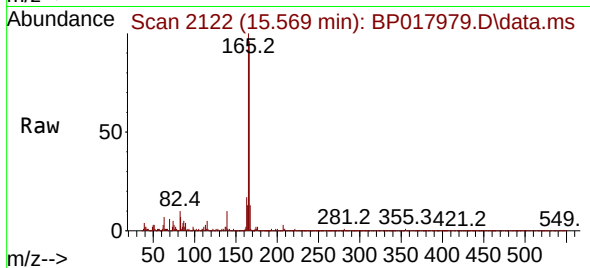
Tgt Ion:	166	Resp:	44614
Ion Ratio	Lower	Upper	
166	100		
165	104.5	79.8	119.6
167	13.3	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :mohammad ahmed 11/11/2023



#72

Phenanthrene

Concen: 9.135 ng/ul

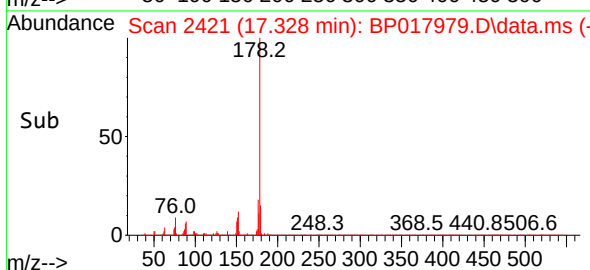
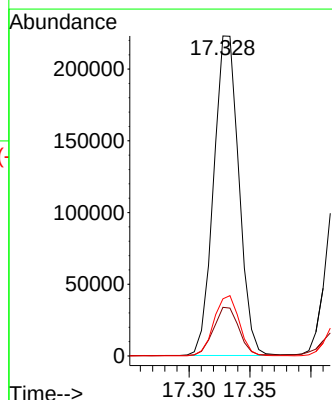
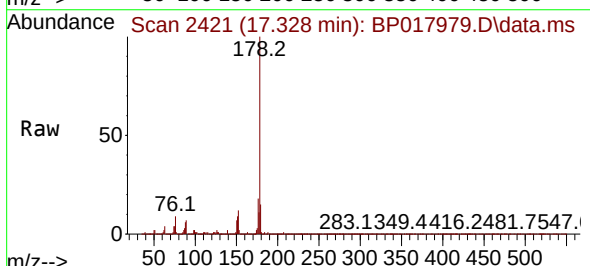
RT: 17.328 min Scan# 2421

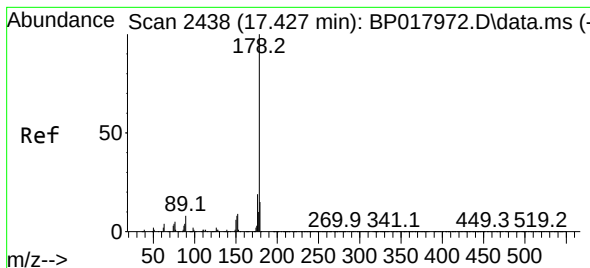
Delta R.T. -0.012 min

Lab File: BP017979.D

Acq: 09 Nov 2023 01:21

Tgt Ion:	178	Resp:	320839
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	17.9	15.2	22.8





#74

Anthracene

Concen: 5.784 ng/ul

RT: 17.422 min Scan# 2438

Delta R.T. -0.012 min

Lab File: BP017979.D

Acq: 09 Nov 2023 01:21

Instrument :

BNA_P

ClientSampleId :

DCKH5

Tgt Ion:178 Resp: 20651

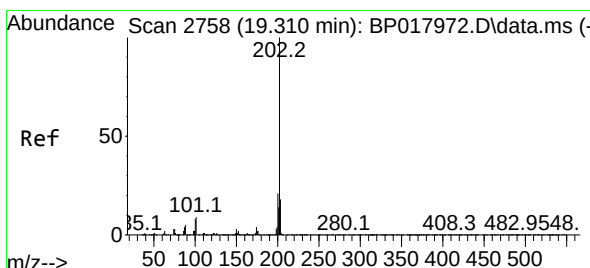
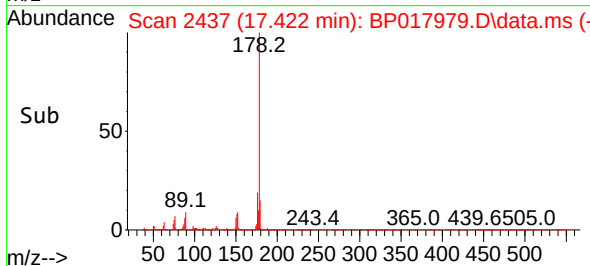
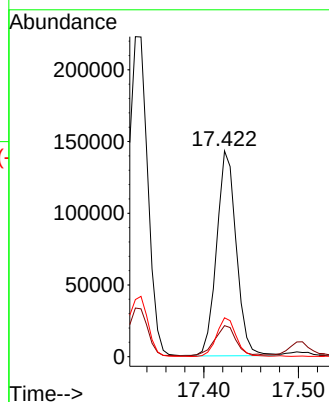
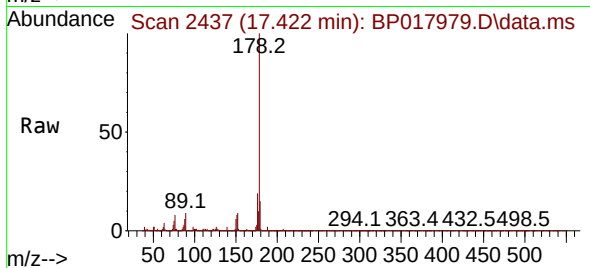
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.5	18.7
176	18.9	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :mohammad ahmed 11/11/2023



#80

Fluoranthene

Concen: 22.595 ng/ul

RT: 19.310 min Scan# 2758

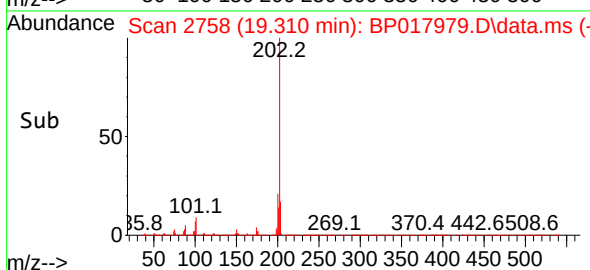
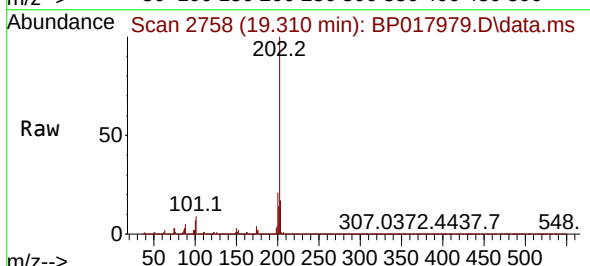
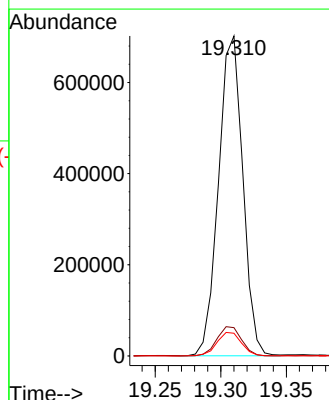
Delta R.T. -0.006 min

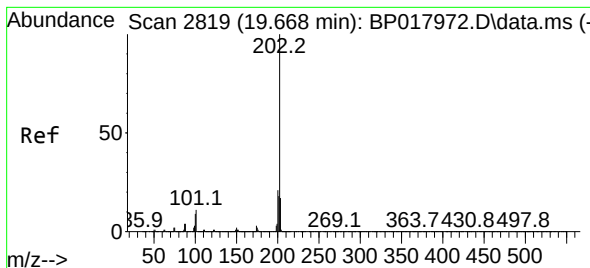
Lab File: BP017979.D

Acq: 09 Nov 2023 01:21

Tgt Ion:202 Resp: 902402

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.1	10.7
100	7.1	5.3	7.9





#82

Pyrene

Concen: 18.455 ng/ul

RT: 19.669 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP017979.D

Acq: 09 Nov 2023 01:21

Instrument :

BNA_P

ClientSampleId :

DCKH5

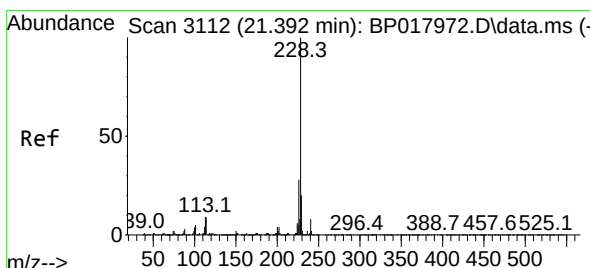
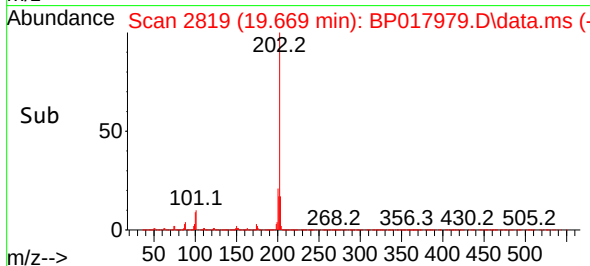
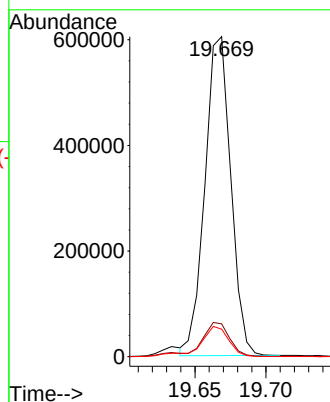
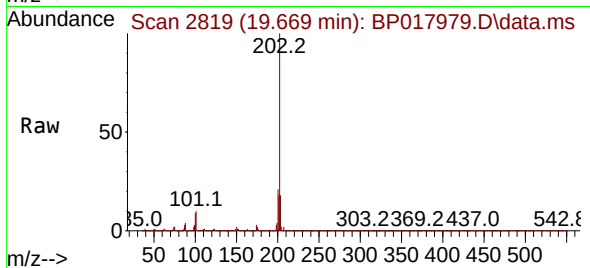
Tgt Ion:	202	Resp:	76876
Ion Ratio	Lower	Upper	
202	100		
101	10.2	8.6	12.8
100	8.6	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :mohammad ahmed 11/11/2023



#85

Benzo(a)anthracene

Concen: 7.548 ng/ul

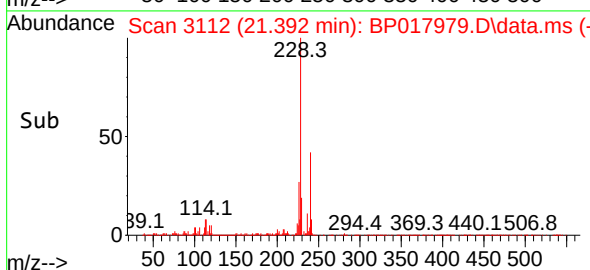
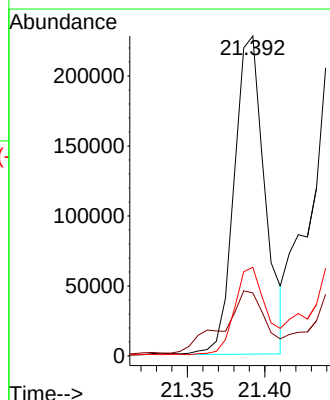
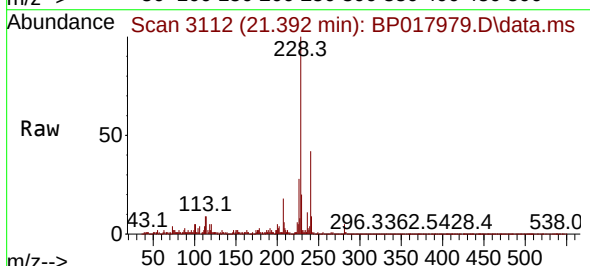
RT: 21.392 min Scan# 3112

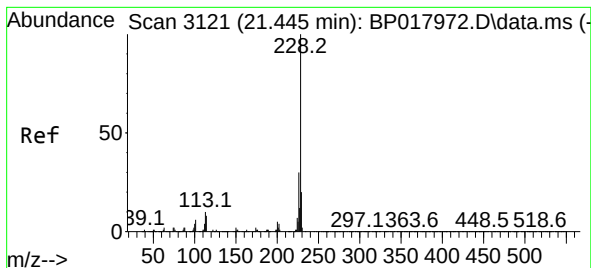
Delta R.T. -0.006 min

Lab File: BP017979.D

Acq: 09 Nov 2023 01:21

Tgt Ion:	228	Resp:	313374
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.4	23.2
226	27.7	21.6	32.4





#87

Chrysene

Concen: 10.018 ng/ul

RT: 21.445 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP017979.D

Acq: 09 Nov 2023 01:21

Instrument :

BNA_P

ClientSampleId :

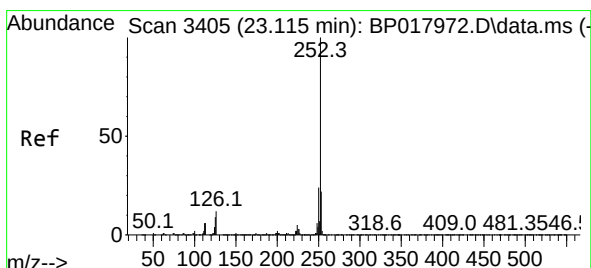
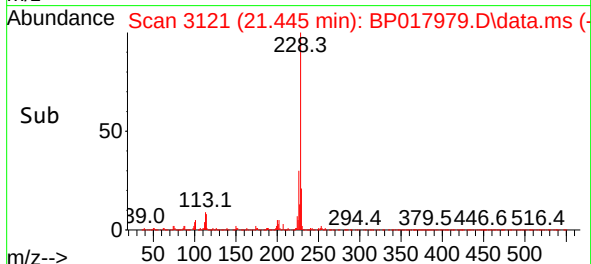
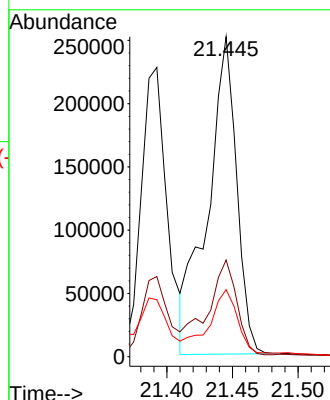
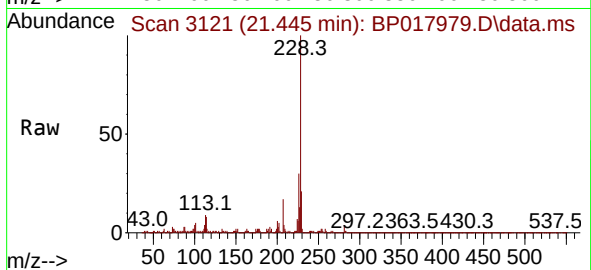
DCKH5

Tgt Ion:228 Resp: 385679
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.9 35.9
 229 21.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023



#90

Benzo(b)fluoranthene

Concen: 10.113 ng/ul

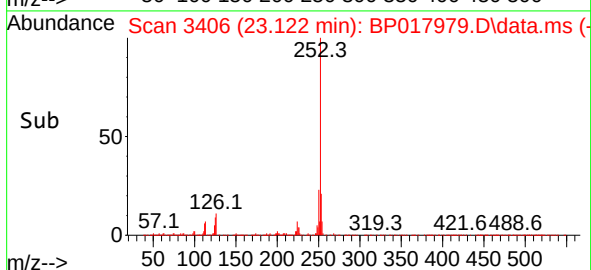
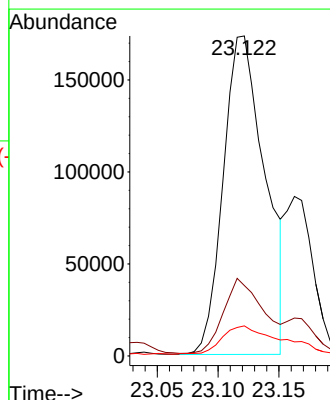
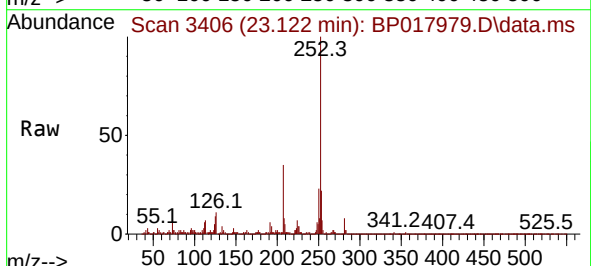
RT: 23.122 min Scan# 3406

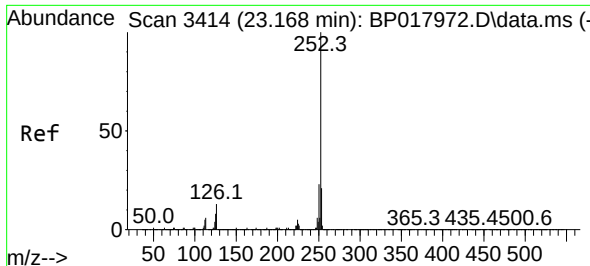
Delta R.T. -0.006 min

Lab File: BP017979.D

Acq: 09 Nov 2023 01:21

Tgt Ion:252 Resp: 413705
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.9 26.9
 125 9.4 6.6 10.0





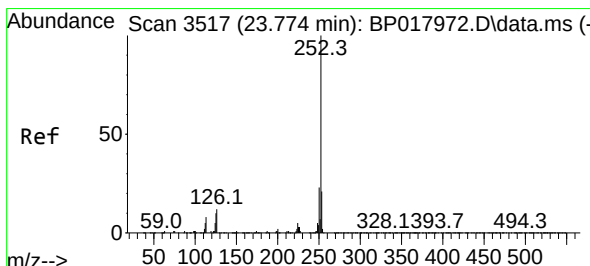
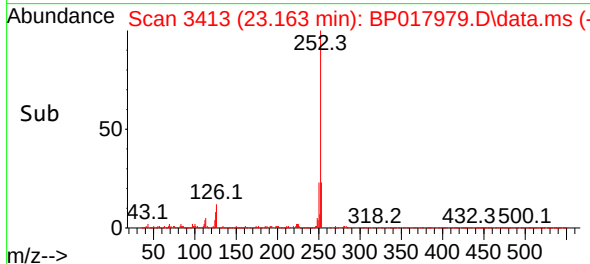
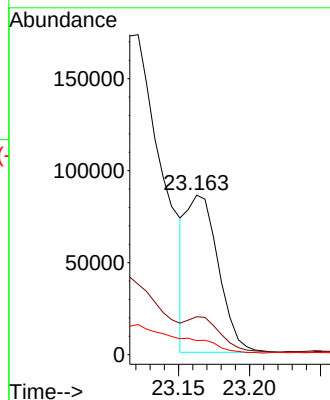
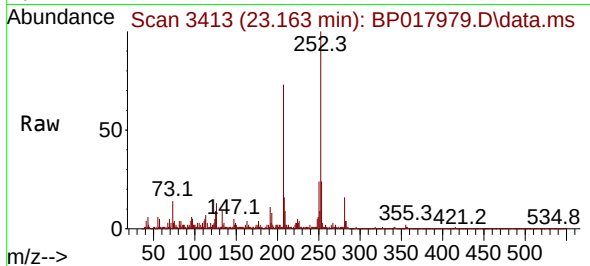
#91
Benzo(k)fluoranthene
Concen: 3.249 ng/ul
RT: 23.163 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BP017979.D
Acq: 09 Nov 2023 01:21

Instrument :
BNA_P
ClientSampleId :
DCKH5

Tgt Ion:252 Resp: 13328
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 8.8 7.0 10.6

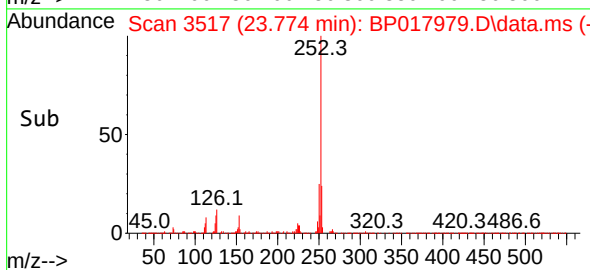
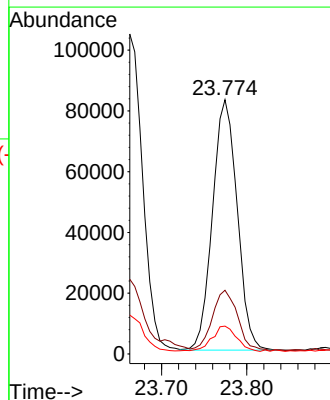
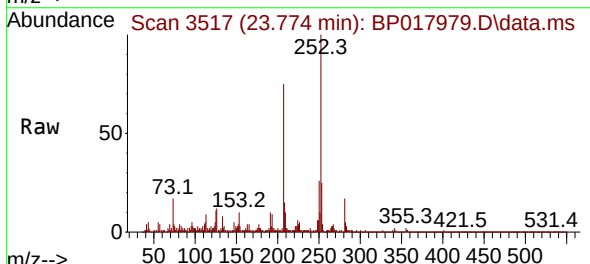
Manual Integrations
APPROVED

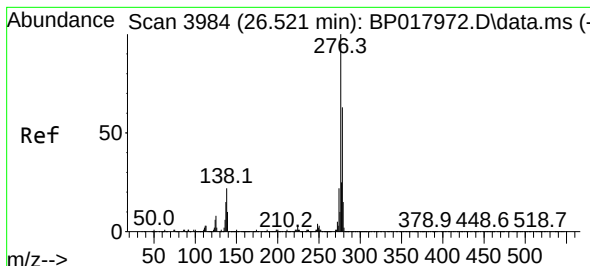
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#93
Benzo(a)pyrene
Concen: 4.375 ng/ul
RT: 23.774 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BP017979.D
Acq: 09 Nov 2023 01:21

Tgt Ion:252 Resp: 166374
Ion Ratio Lower Upper
252 100
253 25.1 17.3 25.9
125 11.0 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.148 ng/ul

RT: 26.515 min Scan# 3984

Delta R.T. -0.012 min

Lab File: BP017979.D

Acq: 09 Nov 2023 01:21

Instrument :

BNA_P

ClientSampleId :

DCKH5

Tgt Ion:276 Resp: 14258

Ion Ratio Lower Upper

276 100

138 18.6 15.9 23.9

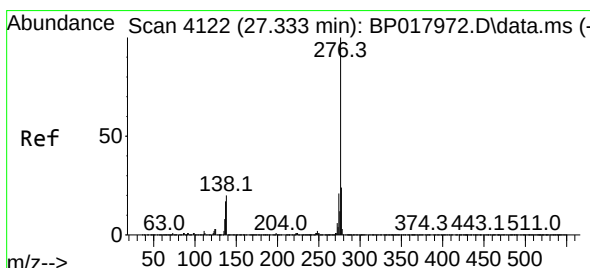
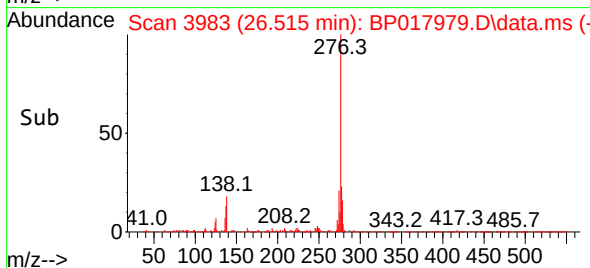
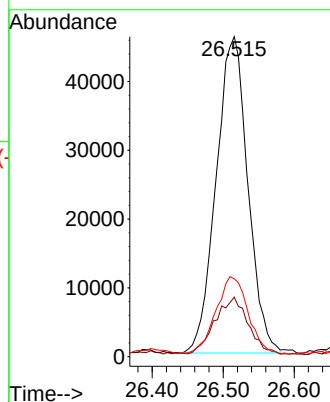
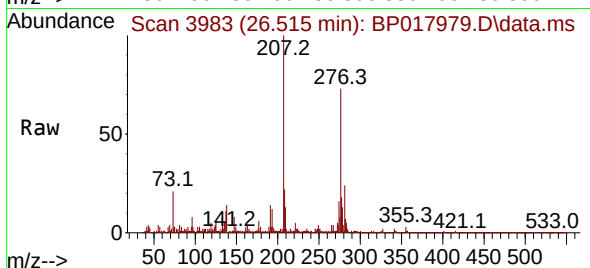
277 24.3 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :mohammad ahmed 11/11/2023



#96

Benzo(g,h,i)perylene

Concen: 3.886 ng/ul

RT: 27.333 min Scan# 4122

Delta R.T. -0.017 min

Lab File: BP017979.D

Acq: 09 Nov 2023 01:21

Tgt Ion:276 Resp: 140144

Ion Ratio Lower Upper

276 100

138 18.9 14.7 22.1

277 24.8 19.2 28.8

