

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP016018.D
 Acq On : 05 Jul 2023 17:34
 Operator : MA/JU
 Sample : 03245-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 22:28:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	245320	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1037130	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.692	164	584641	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1011130	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	702807	20.000	ng/u1	0.00
88) Perylene-d12	24.098	264	817516	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	22028	3.231	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	367555	17.511	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	271532	20.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	315107	19.887	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	202200	12.194	ng/u1	0.03
21) Nitrobenzene-d5	9.246	128	156734	19.774	ng/u1	0.01
24) 2-Nitrophenol-d4	9.975	143	171599	18.550	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	274125	16.629	ng/u1	0.05
31) 4-Chloroaniline-d4	11.087	131	109160	5.155	ng/u1	0.06
46) Dimethylphthalate-d6	14.110	166	1002393	22.183	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1095579	21.567	ng/u1	0.00
54) 4-Nitrophenol-d4	15.039	143	67176m	11.265	ng/u1	0.09
60) Fluorene-d10	15.692	176	783207	21.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	50783	8.167	ng/u1	0.04
73) Anthracene-d10	17.563	188	965117	20.896	ng/u1	0.00
81) Pyrene-d10	19.786	212	982345	21.406	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	902542	21.886	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	350743	6.385	ng/u1	100
74) Anthracene	17.598	178	82335m	1.492	ng/u1	
80) Fluoranthene	19.463	202	827990	14.517	ng/u1#	94
82) Pyrene	19.816	202	685139	11.776	ng/u1#	90
85) Benzo(a)anthracene	21.533	228	408152	8.256	ng/u1	96
87) Chrysene	21.586	228	455921	9.720	ng/u1	98
90) Benzo(b)fluoranthene	23.309	252	664074	12.642	ng/u1#	96
91) Benzo(k)fluoranthene	23.357	252	219631m	4.138	ng/u1	
93) Benzo(a)pyrene	23.980	252	413373	9.006	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.798	276	328765	5.276	ng/u1	95
95) Dibenzo(a,h)anthracene	26.798	278	88156	1.722	ng/u1#	75
96) Benzo(g,h,i)perylene	27.639	276	298626	5.826	ng/u1#	91

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

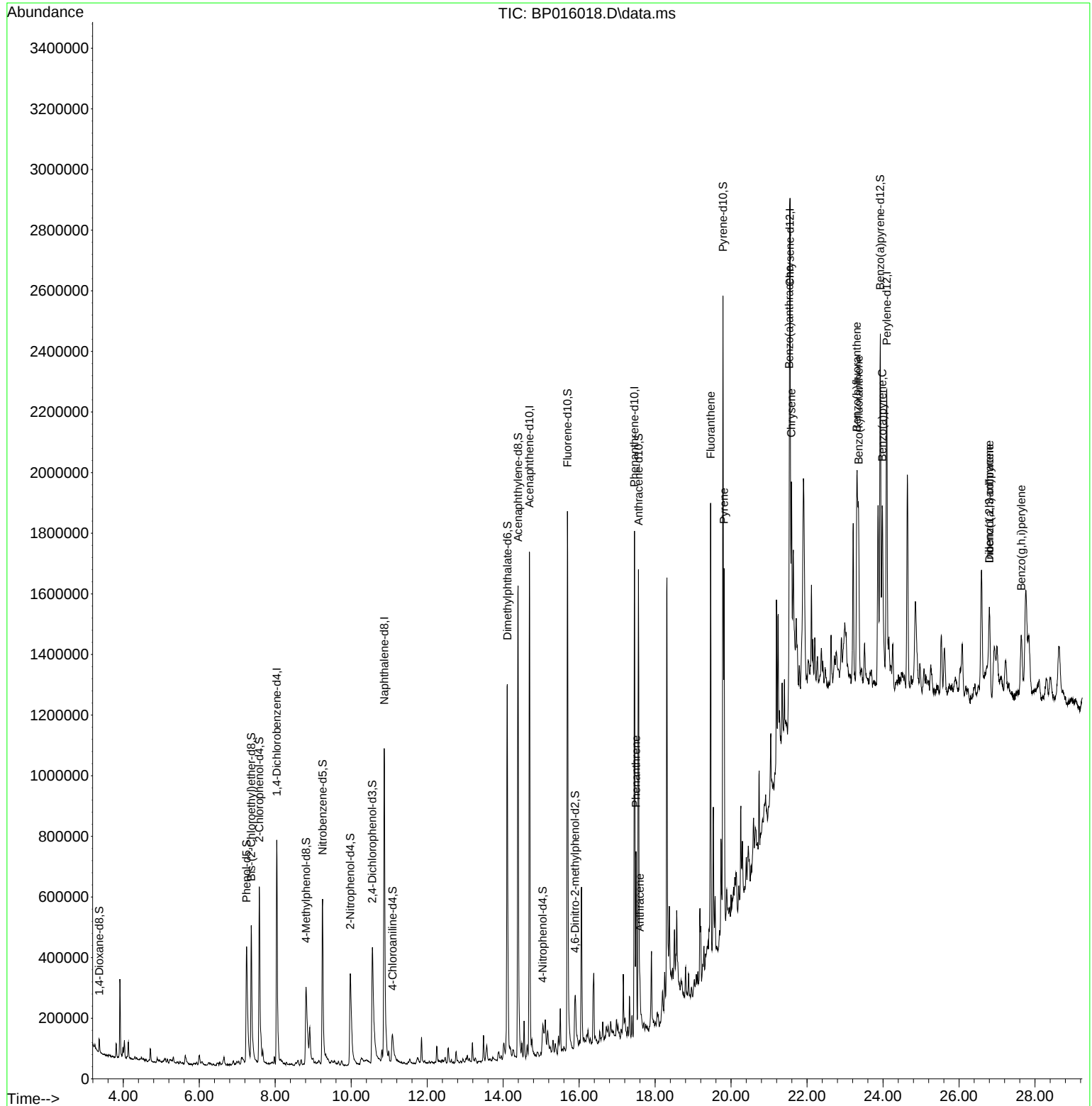
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016018.D
Acq On : 05 Jul 2023 17:34
Operator : MA/JU
Sample : 03245-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

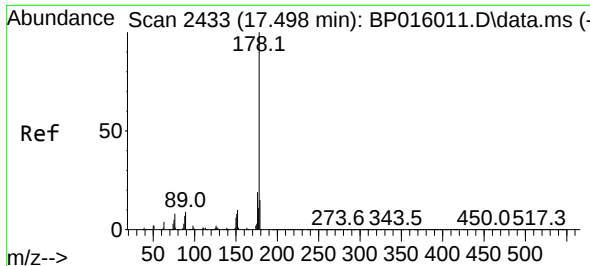
Instrument :
BNA_P
ClientSampleId :
DCGH1

Quant Time: Jul 05 22:28:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

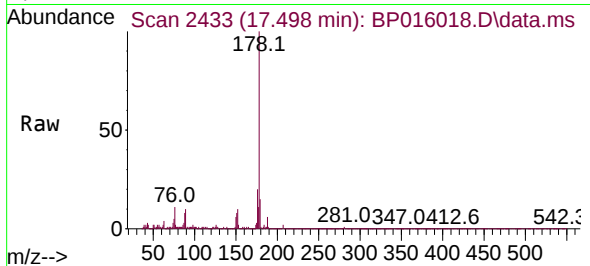
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#72
Phenanthrene
Concen: 6.385 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP016018.D
Acq: 05 Jul 2023 17:34

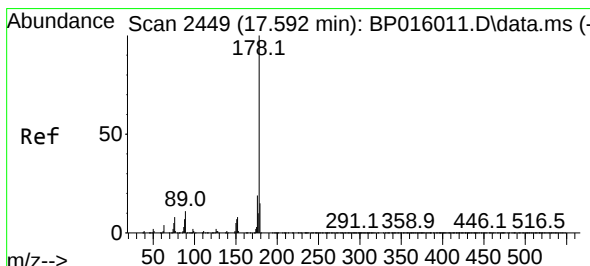
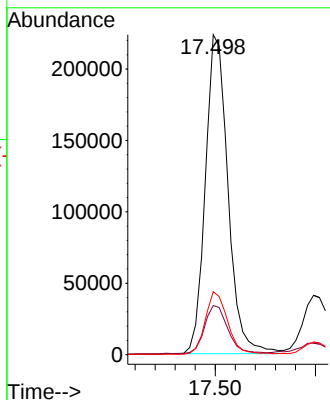
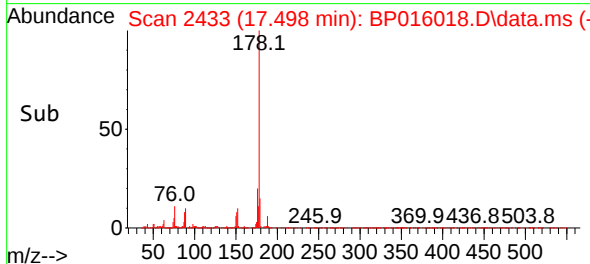
Instrument :
BNA_P
ClientSampleId :
DCGH1



Tgt Ion:178 Resp: 35074
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.7 15.6 23.4

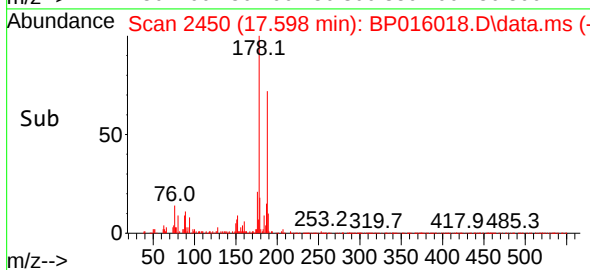
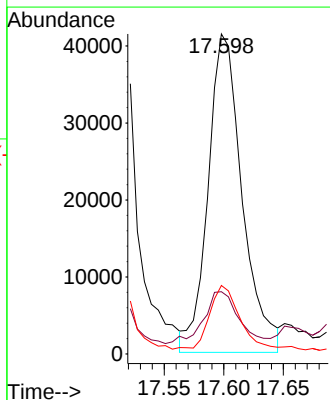
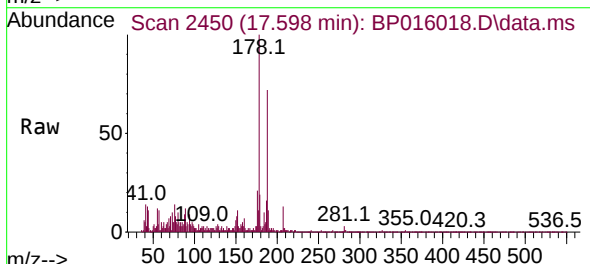
Manual Integrations
APPROVED

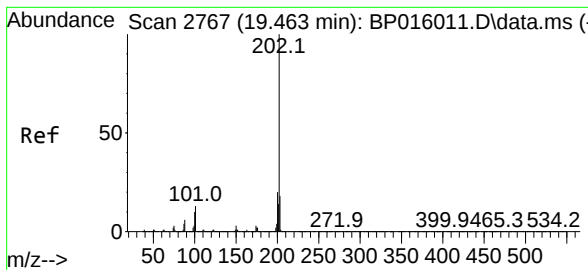
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#74
Anthracene
Concen: 1.492 ng/ul m
RT: 17.598 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BP016018.D
Acq: 05 Jul 2023 17:34

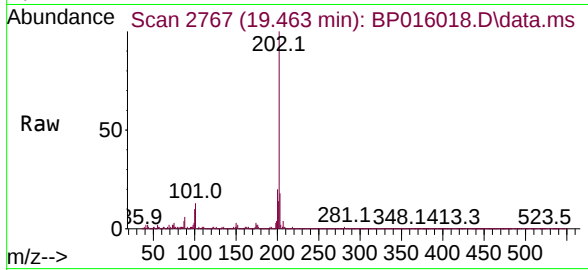
Tgt Ion:178 Resp: 82335
Ion Ratio Lower Upper
178 100
179 19.4 12.1 18.1#
176 21.4 14.6 22.0





#80
Fluoranthene
Concen: 14.517 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP016018.D
Acq: 05 Jul 2023 17:34

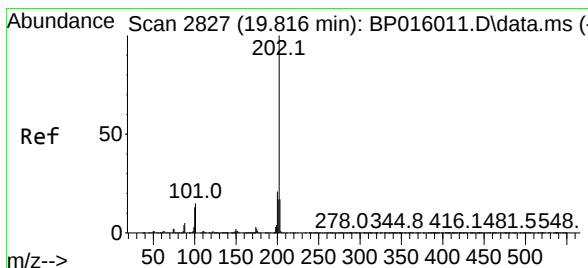
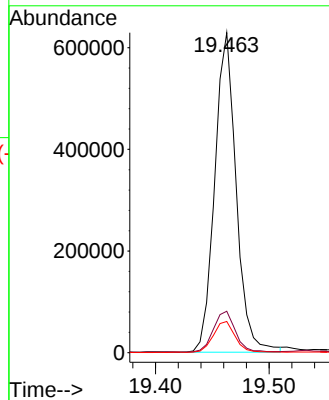
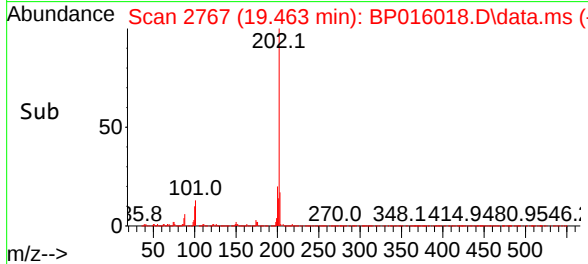
Instrument :
BNA_P
ClientSampleId :
DCGH1



Tgt Ion:202 Resp: 827990
Ion Ratio Lower Upper
202 100
101 13.0 8.3 12.5
100 9.8 6.6 9.8

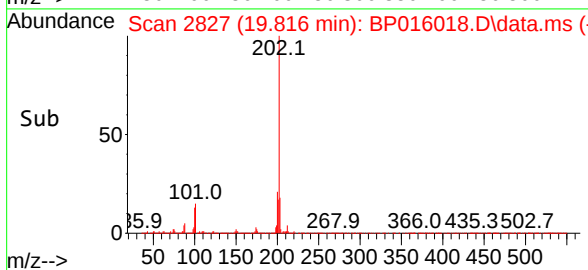
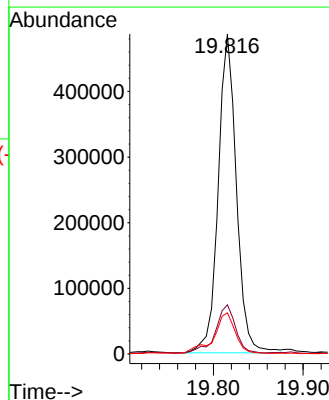
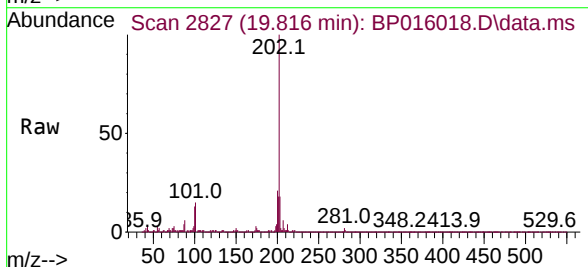
Manual Integrations
APPROVED

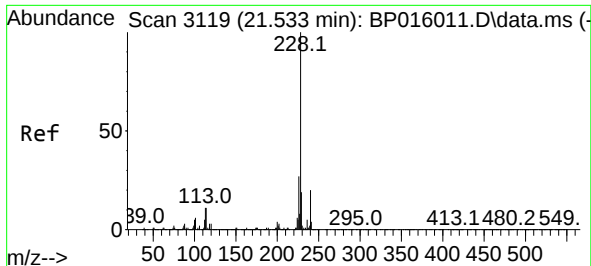
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#82
Pyrene
Concen: 11.776 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP016018.D
Acq: 05 Jul 2023 17:34

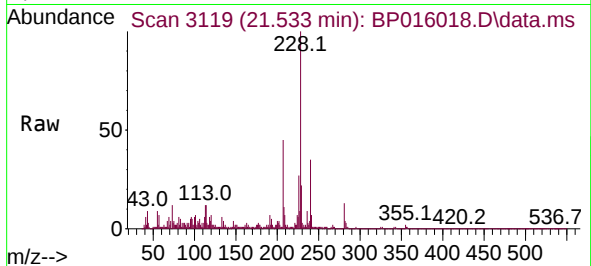
Tgt Ion:202 Resp: 685139
Ion Ratio Lower Upper
202 100
101 15.4 9.3 13.9#
100 12.9 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 8.256 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP016018.D
Acq: 05 Jul 2023 17:34

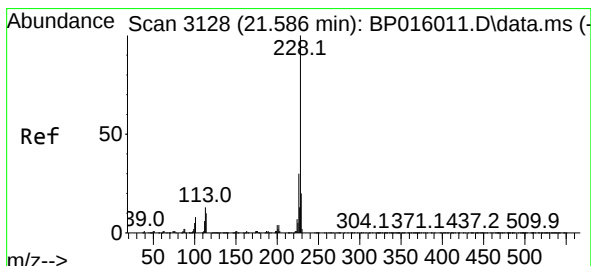
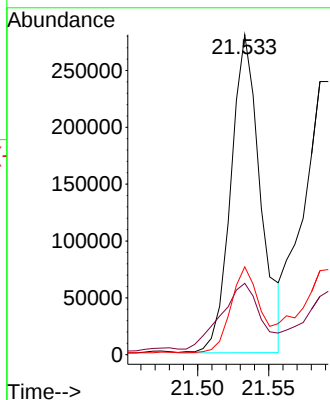
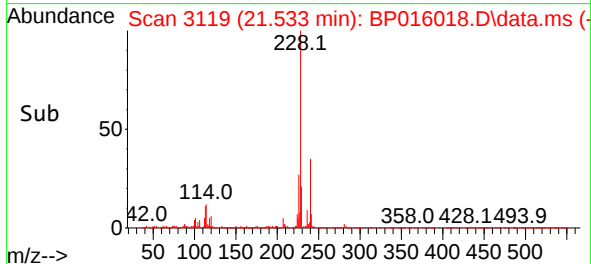
Instrument :
BNA_P
Client Sample Id :
DCGH1



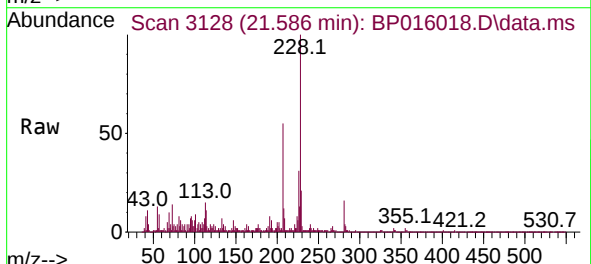
Tgt Ion:228 Resp: 408152
Ion Ratio Lower Upper
228 100
229 22.3 15.3 22.9
226 27.5 21.4 32.0

Manual Integrations
APPROVED

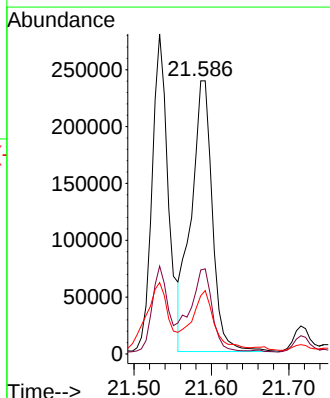
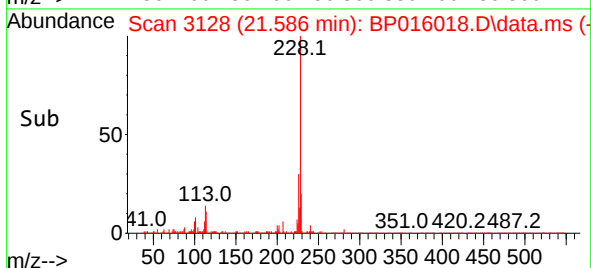
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

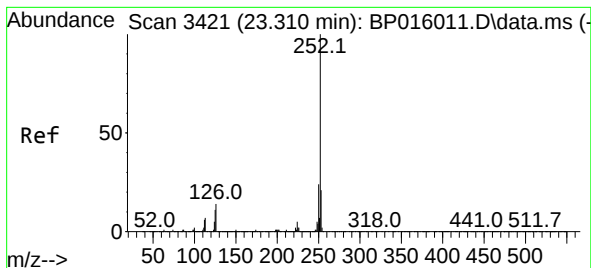


#87
Chrysene
Concen: 9.720 ng/ul
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP016018.D
Acq: 05 Jul 2023 17:34



Tgt Ion:228 Resp: 455921
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 12.642 ng/ul

RT: 23.309 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP016018.D

Acq: 05 Jul 2023 17:34

Instrument :

BNA_P

ClientSampleId :

DCGH1

Tgt Ion:252 Resp: 664074

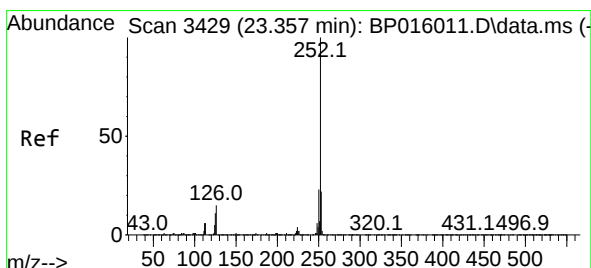
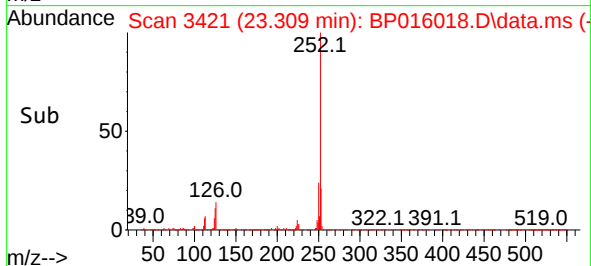
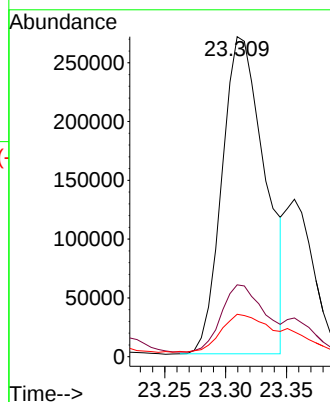
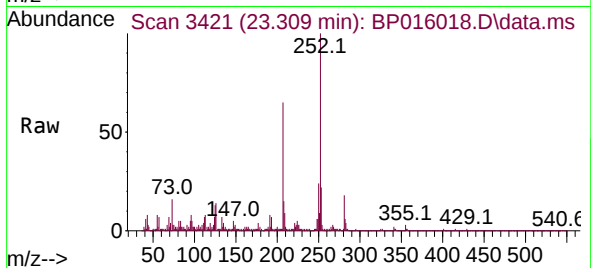
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	13.2	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#91

Benzo(k)fluoranthene

Concen: 4.138 ng/ul m

RT: 23.357 min Scan# 3429

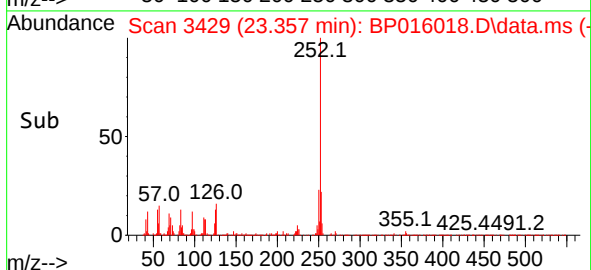
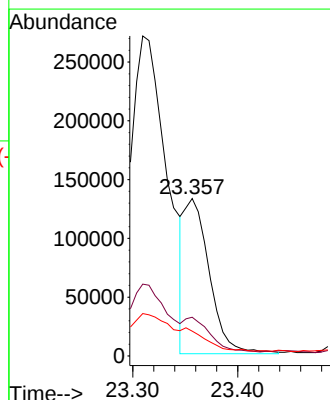
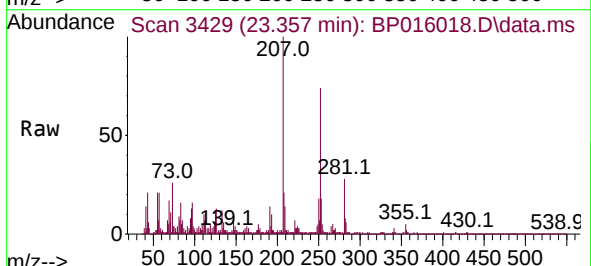
Delta R.T. 0.000 min

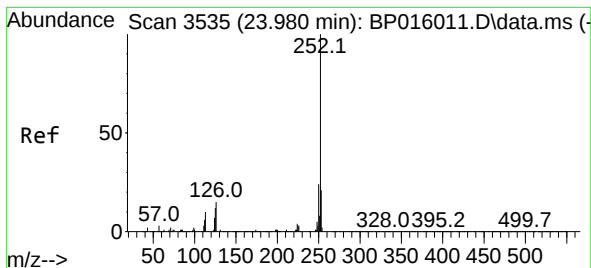
Lab File: BP016018.D

Acq: 05 Jul 2023 17:34

Tgt Ion:252 Resp: 219631

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.4
125	15.8	7.3	10.9





#93

Benzo(a)pyrene

Concen: 9.006 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP016018.D

Acq: 05 Jul 2023 17:34

Instrument :

BNA_P

ClientSampleId :

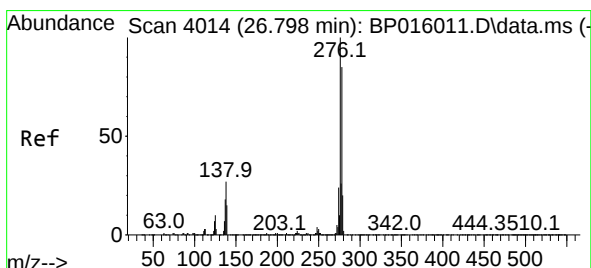
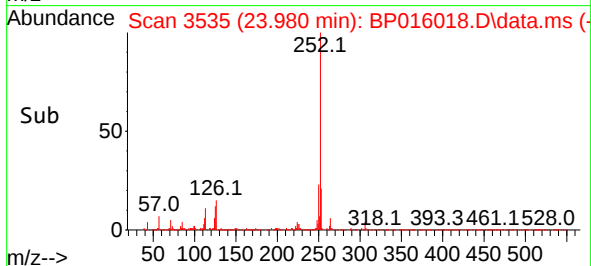
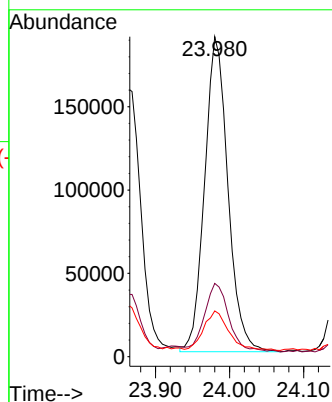
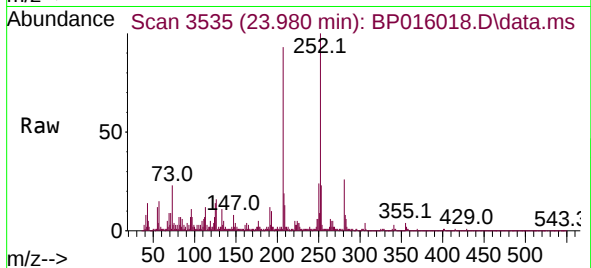
DCGH1

Tgt Ion:	252	Resp:	41337
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	14.3	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.276 ng/ul

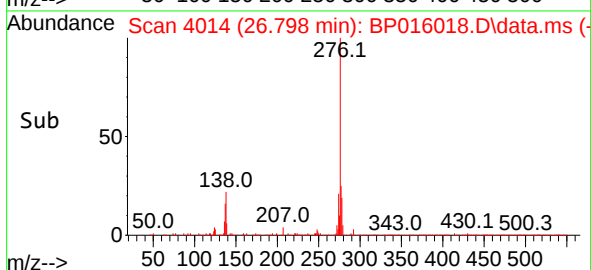
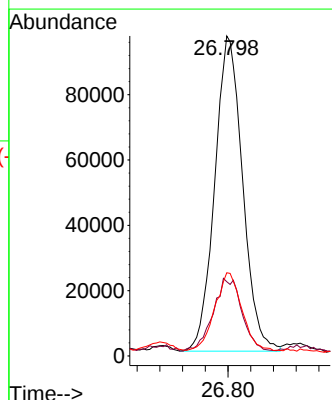
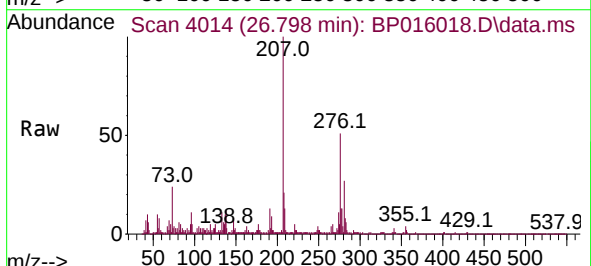
RT: 26.798 min Scan# 4014

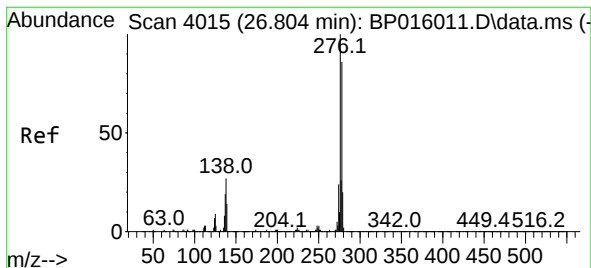
Delta R.T. 0.006 min

Lab File: BP016018.D

Acq: 05 Jul 2023 17:34

Tgt Ion:	276	Resp:	328765
Ion Ratio	Lower	Upper	
276	100		
138	23.2	15.7	23.5
277	26.0	19.6	29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.722 ng/ul

RT: 26.798 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP016018.D

Acq: 05 Jul 2023 17:34

Instrument :

BNP_P

ClientSampleId :

DCGH1

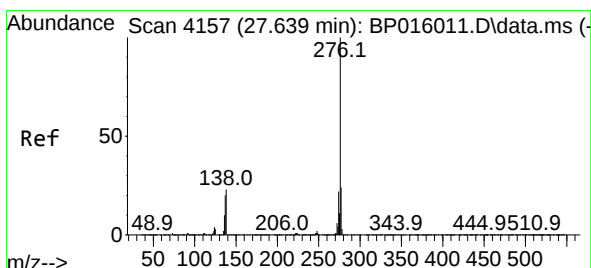
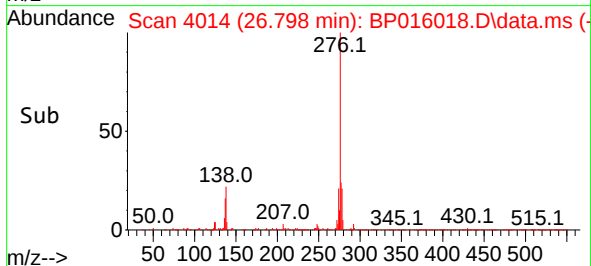
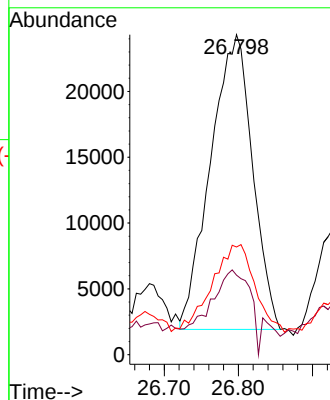
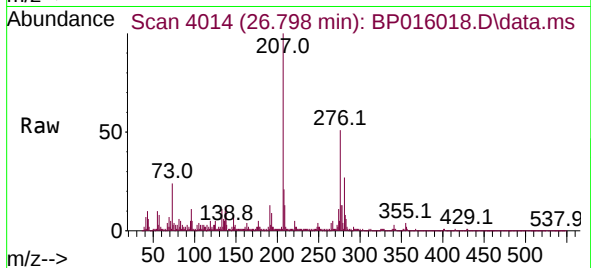
Tgt Ion:	278	Resp:	8815
Ion Ratio	Lower	Upper	
278	100		
139	24.9	10.5	15.7
279	33.6	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 5.826 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.012 min

Lab File: BP016018.D

Acq: 05 Jul 2023 17:34

Tgt Ion:	276	Resp:	298626
Ion Ratio	Lower	Upper	
276	100		
138	25.5	15.1	22.7
277	25.5	18.8	28.2

