

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP016007.D
 Acq On : 05 Jul 2023 09:45
 Operator : MA/JU
 Sample : 03246-04
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGJ1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 11:44:25 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	282485	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1201337	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.693	164	662693	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1149620	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	950476	20.000	ng/u1	0.00
88) Perylene-d12	24.086	264	1104715	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	20283	2.583	ng/uL	0.00
4) Pyridine-d5	3.823	84	180980	9.144	ng/u1	0.00
7) Phenol-d5	7.246	99	349481	14.459	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	265604	17.762	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	300561	16.474	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	218743	11.456	ng/u1	0.02
21) Nitrobenzene-d5	9.246	128	140663	15.321	ng/u1	0.01
24) 2-Nitrophenol-d4	9.975	143	156682	14.622	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	250214	13.104	ng/u1	0.04
31) 4-Chloroaniline-d4	11.069	131	132557	5.404	ng/u1	0.04
46) Dimethylphthalate-d6	14.104	166	882574	17.231	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	963786	16.738	ng/u1	0.00
54) 4-Nitrophenol-d4	15.040	143	65574m	9.701	ng/u1	0.09
60) Fluorene-d10	15.693	176	677159	16.056	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	34978	4.947	ng/u1	0.03
73) Anthracene-d10	17.563	188	828787	15.783	ng/u1	0.00
81) Pyrene-d10	19.786	212	979702	15.785	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.922	264	975940	17.513	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.422	152	89032	1.403	ng/u1	97
72) Phenanthrene	17.498	178	374419	5.995	ng/u1	99
74) Anthracene	17.598	178	93823	1.495	ng/u1	96
80) Fluoranthene	19.457	202	749879	9.722	ng/u1#	93
82) Pyrene	19.816	202	621136	7.894	ng/u1#	91
85) Benzo(a)anthracene	21.528	228	412116	6.164	ng/u1	97
87) Chrysene	21.586	228	455502	7.181	ng/u1	96
90) Benzo(b)fluoranthene	23.304	252	723191	10.188	ng/u1#	94
91) Benzo(k)fluoranthene	23.351	252	229710m	3.203	ng/u1	
93) Benzo(a)pyrene	23.974	252	427118	6.886	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.786	276	351589	4.176	ng/u1#	96
95) Dibenzo(a,h)anthracene	26.792	278	100985	1.460	ng/u1#	77
96) Benzo(g,h,i)perylene	27.633	276	302027	4.360	ng/u1#	93

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

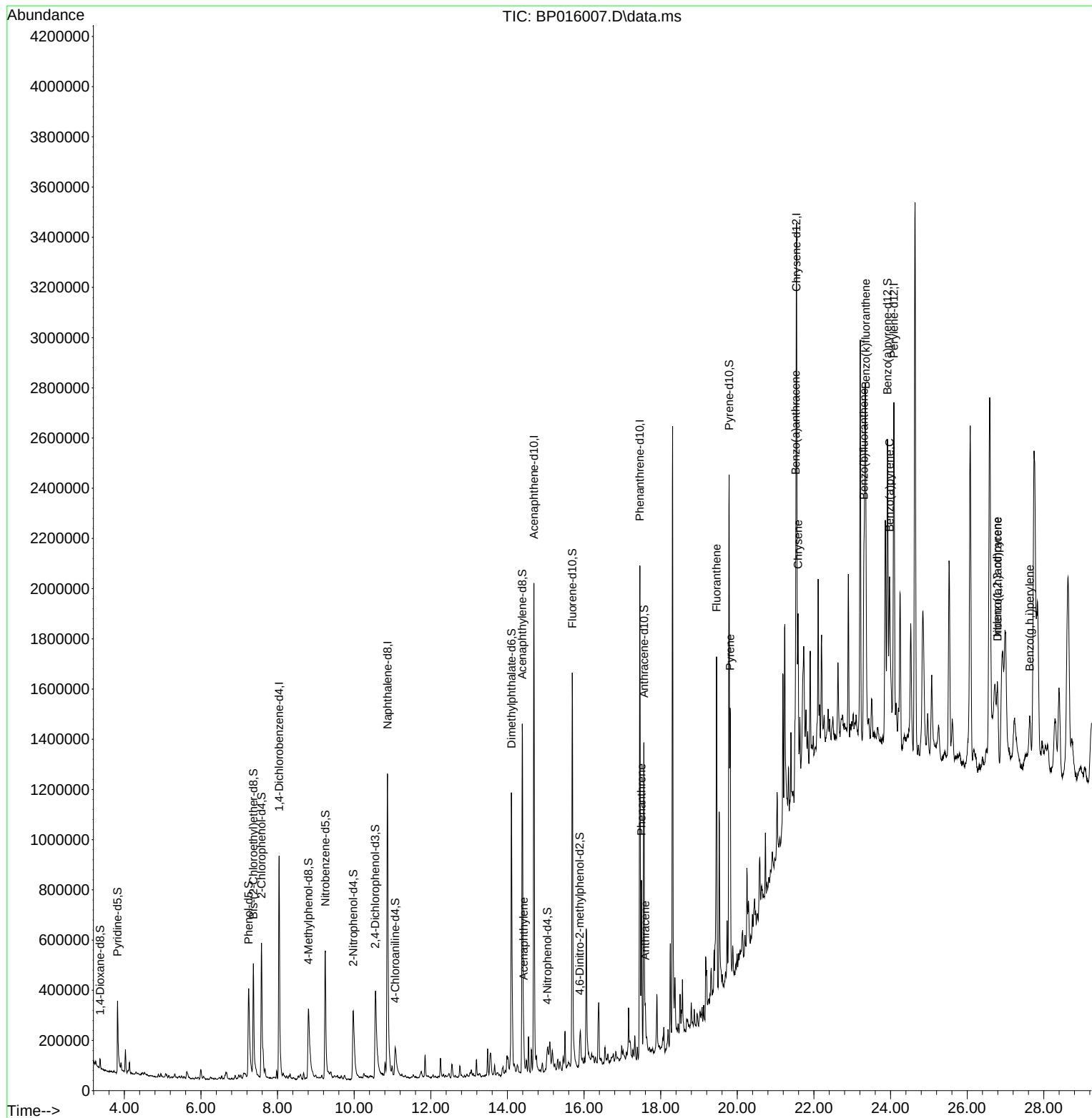
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016007.D
Acq On : 05 Jul 2023 09:45
Operator : MA/JU
Sample : 03246-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

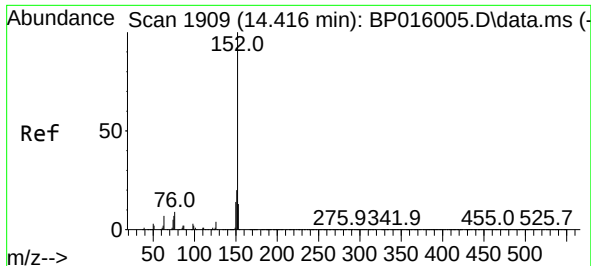
Instrument :
BNA_P
ClientSampleId :
DCGJ1

Quant Time: Jul 05 11:44:25 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

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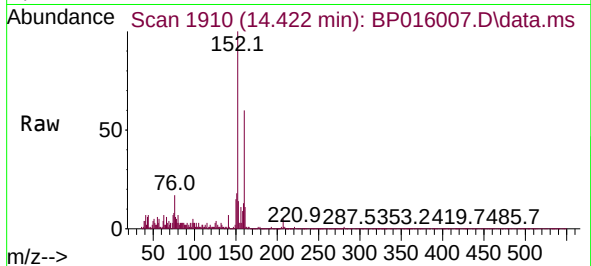
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#50
Acenaphthylene
Concen: 1.403 ng/u1
RT: 14.422 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP016007.D
Acq: 05 Jul 2023 09:45

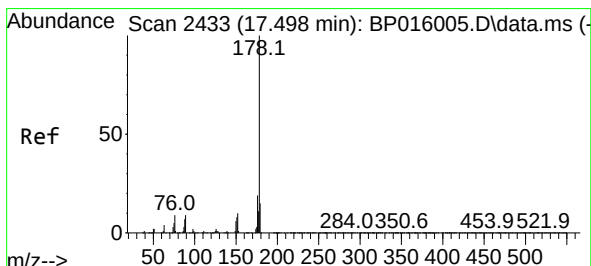
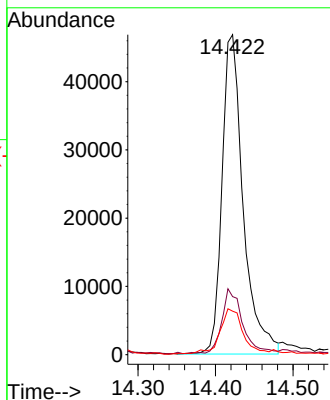
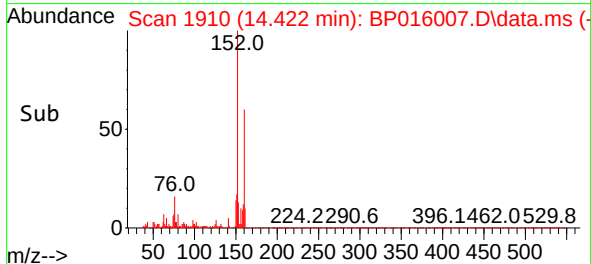
Instrument :
BNA_P
ClientSampleId :
DCGJ1



Tgt Ion:152 Resp: 8903
Ion Ratio Lower Upper
152 100
151 18.1 16.2 24.2
153 13.6 10.5 15.7

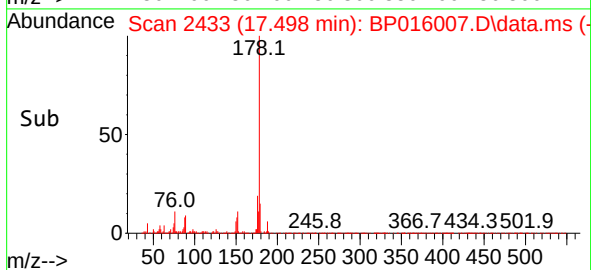
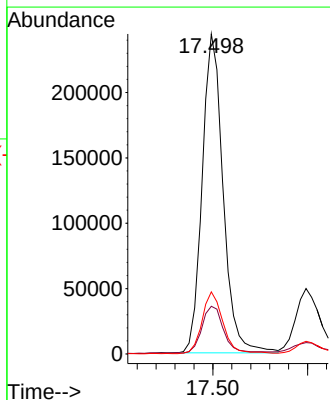
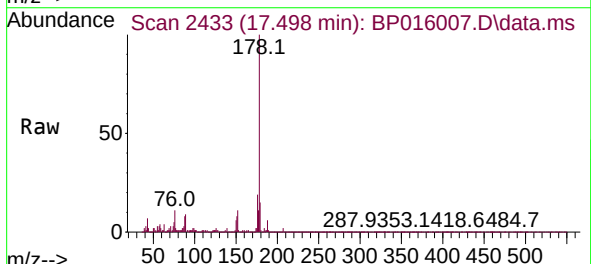
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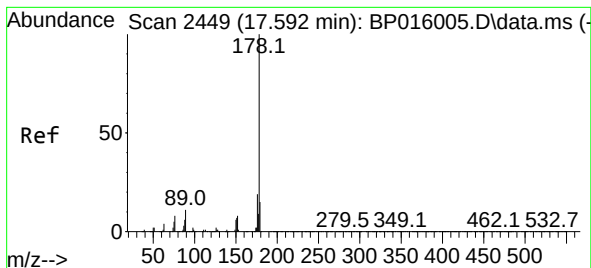
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#72
Phenanthrene
Concen: 5.995 ng/u1
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP016007.D
Acq: 05 Jul 2023 09:45

Tgt Ion:178 Resp: 374419
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 19.4 15.6 23.4





#74

Anthracene

Concen: 1.495 ng/ul

RT: 17.598 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BP016007.D

Acq: 05 Jul 2023 09:45

Instrument :

BNA_P

ClientSampleId :

DCGJ1

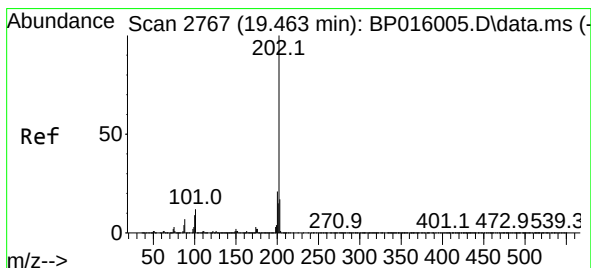
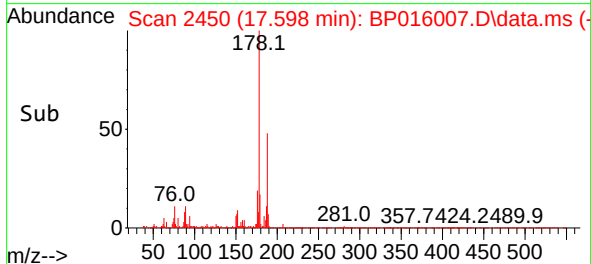
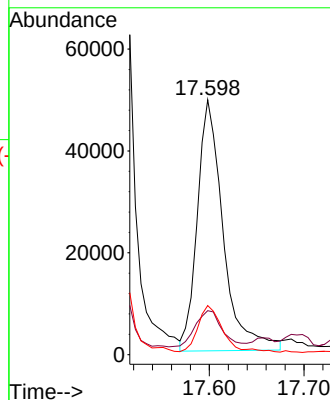
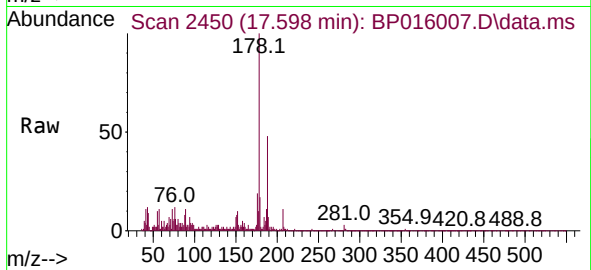
Tgt Ion:178	Resp:	9382
Ion Ratio	Lower	Upper
178	100	
179	17.3	12.1 18.1
176	19.3	14.6 22.0

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Supervised By :mohammad ahmed 07/05/2023



#80

Fluoranthene

Concen: 9.722 ng/ul

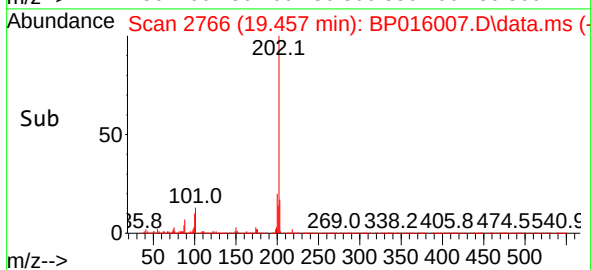
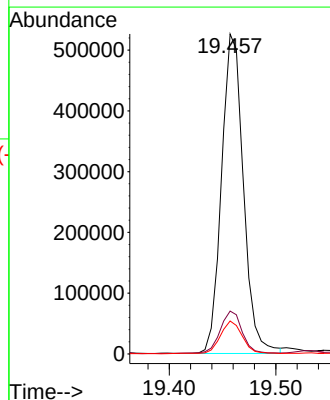
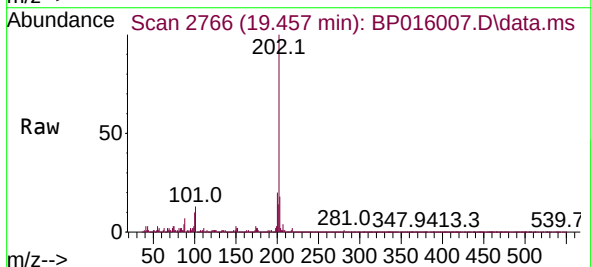
RT: 19.457 min Scan# 2766

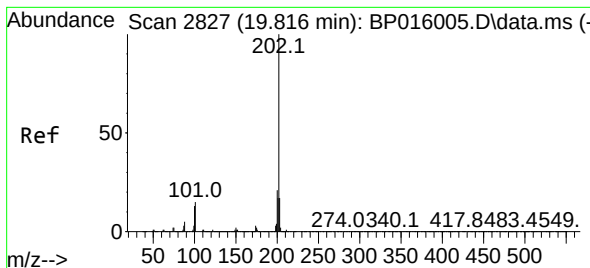
Delta R.T. -0.005 min

Lab File: BP016007.D

Acq: 05 Jul 2023 09:45

Tgt Ion:202	Resp:	749879
Ion Ratio	Lower	Upper
202	100	
101	13.4	8.3 12.5#
100	10.3	6.6 9.8#





#82

Pyrene

Concen: 7.894 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP016007.D

Acq: 05 Jul 2023 09:45

Instrument :

BNA_P

ClientSampleId :

DCGJ1

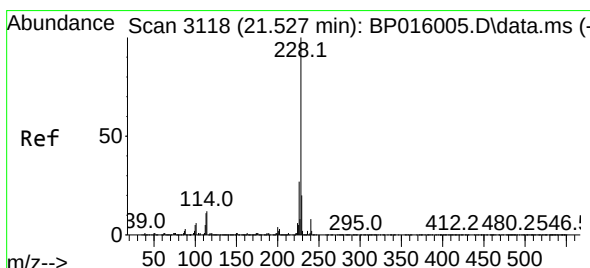
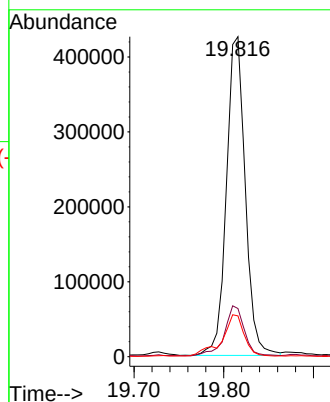
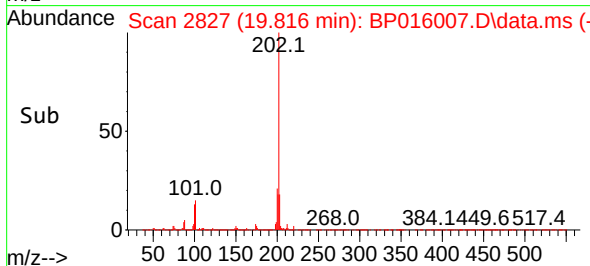
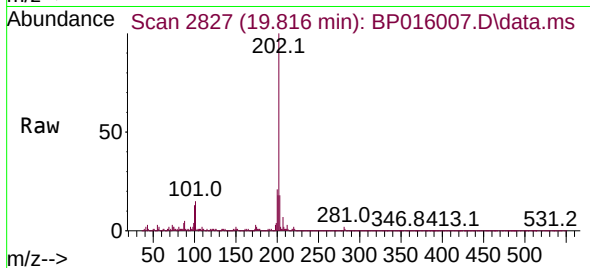
Tgt Ion:	202	Resp:	621130
Ion Ratio	Lower	Upper	
202	100		
101	15.1	9.3	13.9
100	12.7	7.6	11.4

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#85

Benzo(a)anthracene

Concen: 6.164 ng/ul

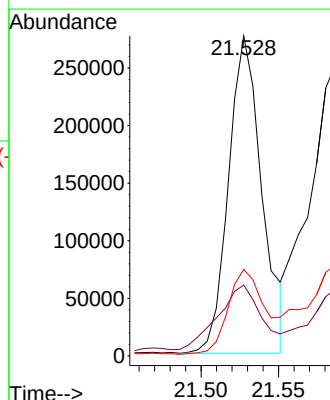
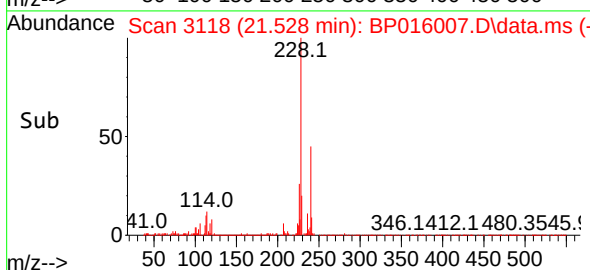
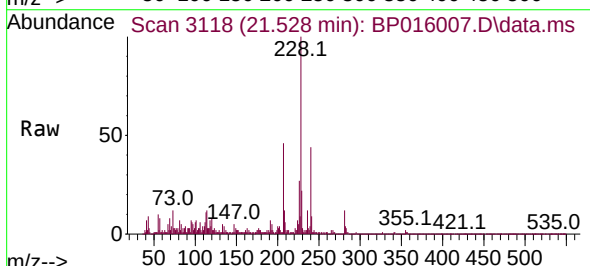
RT: 21.528 min Scan# 3118

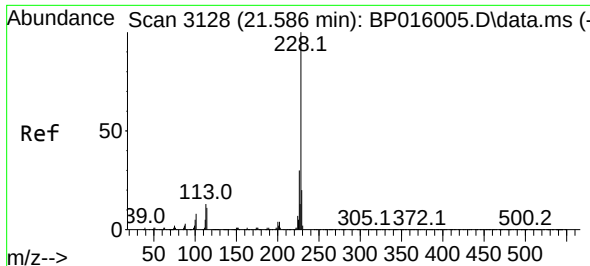
Delta R.T. -0.005 min

Lab File: BP016007.D

Acq: 05 Jul 2023 09:45

Tgt Ion:	228	Resp:	412116
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.3	22.9
226	27.1	21.4	32.0





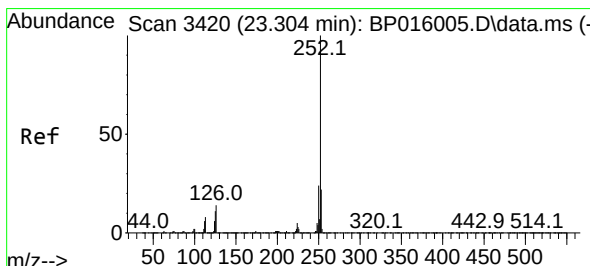
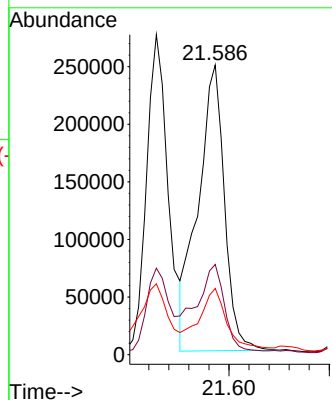
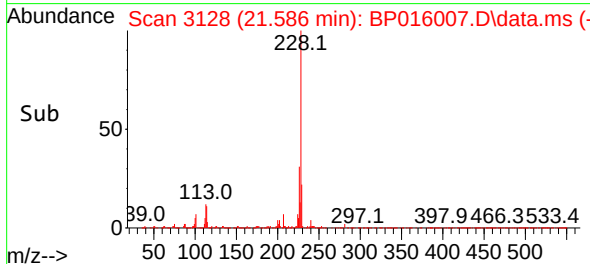
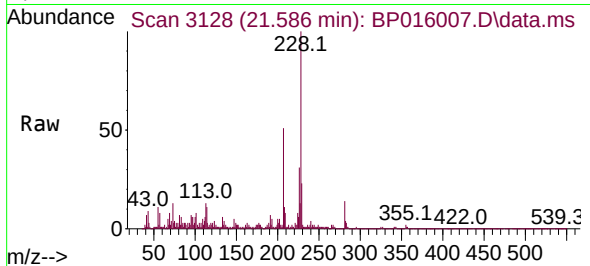
#87
Chrysene
Concen: 7.181 ng/ul
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP016007.D
Acq: 05 Jul 2023 09:45

Instrument :
BNA_P
Client SampleId :
DCGJ1

Tgt Ion: 228 Resp: 455502
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 22.9 15.5 23.3

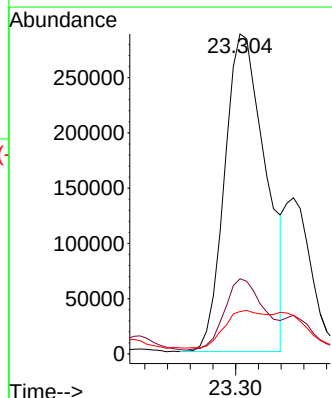
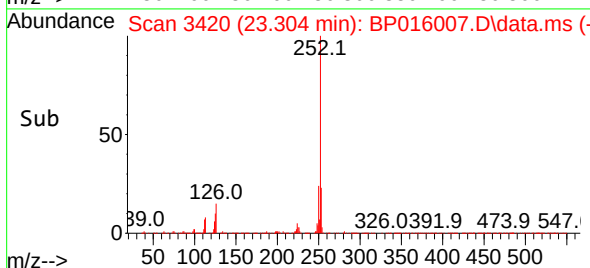
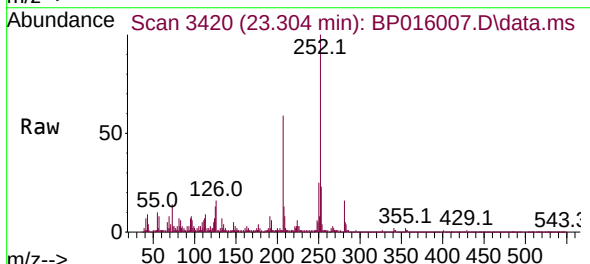
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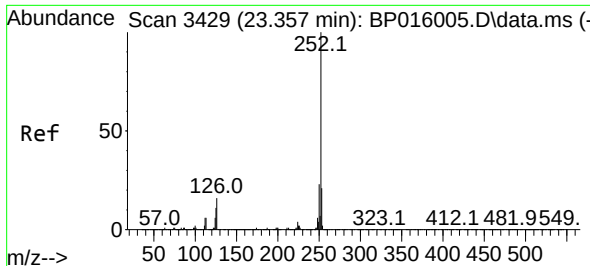
Reviewed By : Yogesh Patel 07/05/2023
Supervised By : mohammad ahmed 07/05/2023



#90
Benzo(b)fluoranthene
Concen: 10.188 ng/ul
RT: 23.304 min Scan# 3420
Delta R.T. -0.005 min
Lab File: BP016007.D
Acq: 05 Jul 2023 09:45

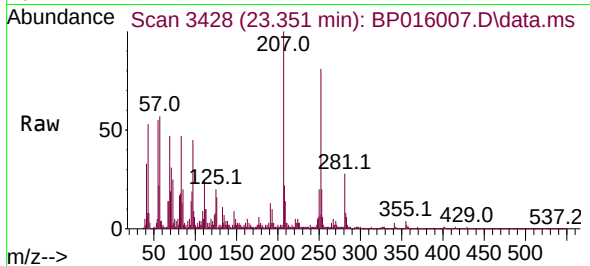
Tgt Ion: 252 Resp: 723191
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 13.2 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 3.203 ng/ul m
RT: 23.351 min Scan# 3429
Delta R.T. -0.005 min
Lab File: BP016007.D
Acq: 05 Jul 2023 09:45

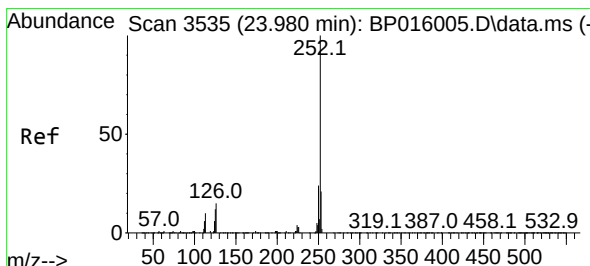
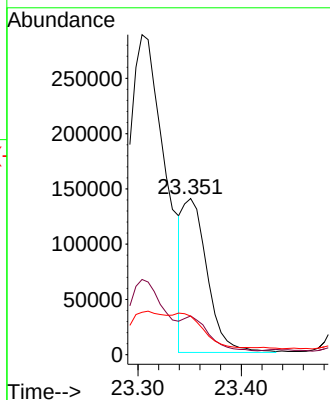
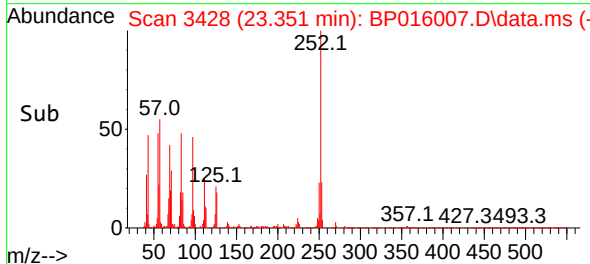
Instrument :
BNA_P
ClientSampleId :
DCGJ1



Tgt Ion:252 Resp: 229710
Ion Ratio Lower Upper
252 100
253 24.8 17.0 25.4
125 24.7 7.3 10.9

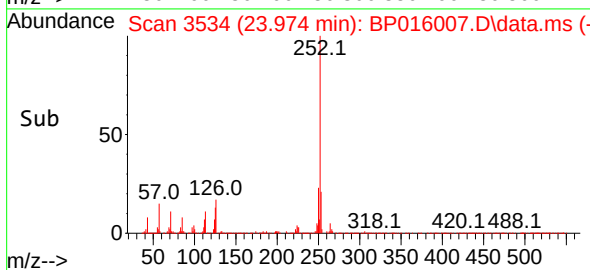
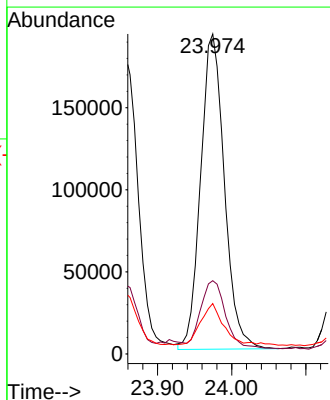
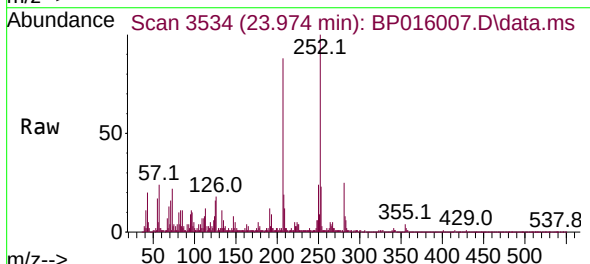
Manual Integrations
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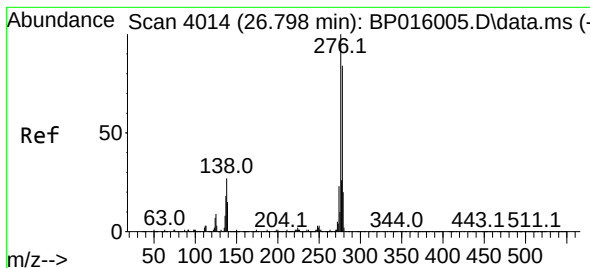
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#93
Benzo(a)pyrene
Concen: 6.886 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.005 min
Lab File: BP016007.D
Acq: 05 Jul 2023 09:45

Tgt Ion:252 Resp: 427118
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 15.8 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.176 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.005 min

Lab File: BP016007.D

Acq: 05 Jul 2023 09:45

Instrument :

BNA_P

ClientSampleId :

DCGJ1

Tgt Ion:276 Resp: 351589

Ion Ratio Lower Upper

276 100

138 23.8 15.7 23.5

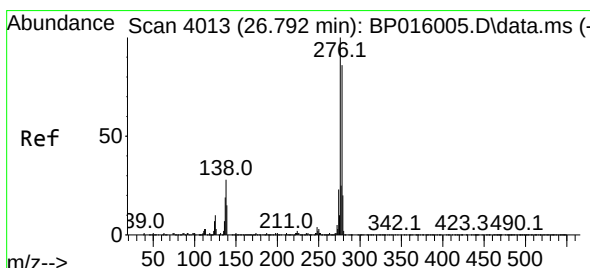
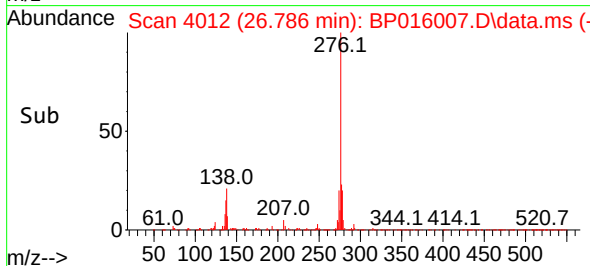
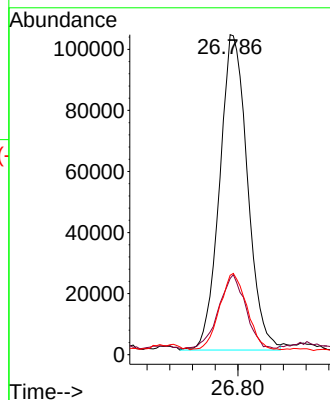
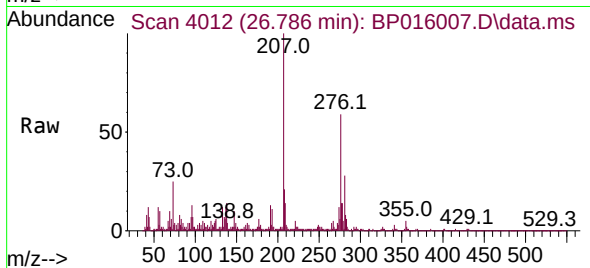
277 24.8 19.6 29.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.460 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.005 min

Lab File: BP016007.D

Acq: 05 Jul 2023 09:45

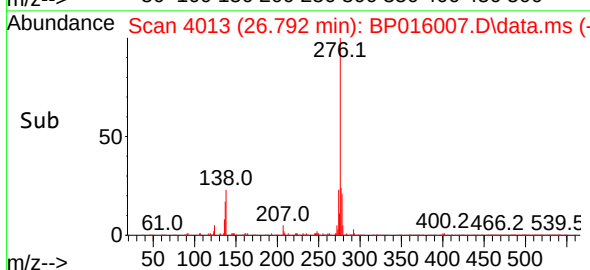
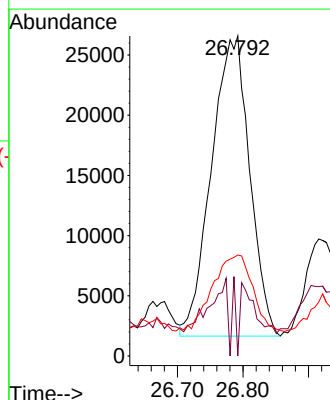
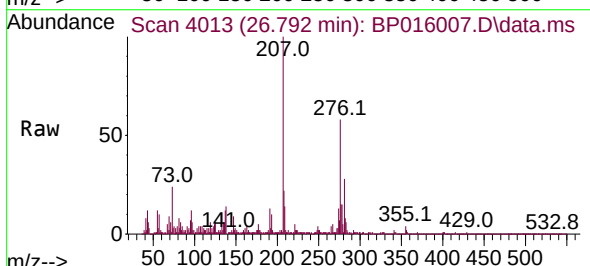
Tgt Ion:278 Resp: 100985

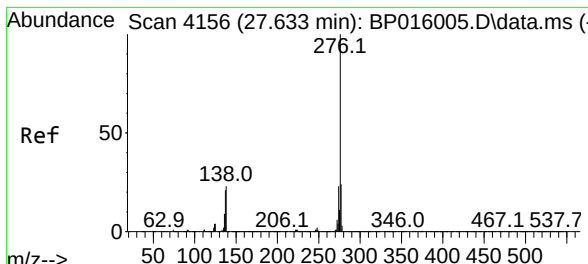
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

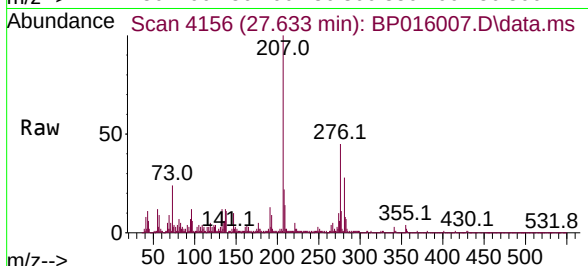
279 31.5 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 4.360 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. 0.006 min
 Lab File: BP016007.D
 Acq: 05 Jul 2023 09:45

Instrument :
 BNA_P
 ClientSampleId :
 DCGJ1



Tgt Ion: 276 Resp: 30202
 Ion Ratio Lower Upper
 276 100
 138 24.0 15.1 22.7
 277 25.3 18.8 28.2

Manual Integrations
 APPROVED

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