

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015928.D
 Acq On : 02 Jul 2023 17:26
 Operator : MA/JU
 Sample : 03243-19
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD9

Manual Integrations
 APPROVED

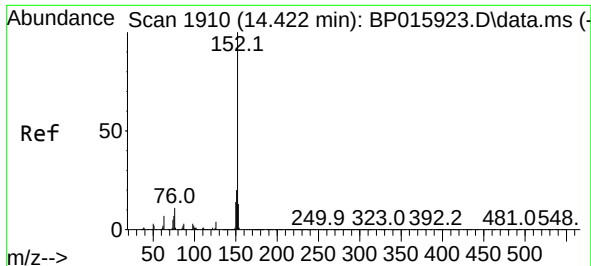
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 04:40:08 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	8.046	152	244304	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1031664	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	553123	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	955799	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	807194	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	953185	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	23281	3.429	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.240	99	397632	19.023	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	286424	22.148	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	333181	21.115	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	298829	18.096	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	156393	19.836	ng/ul	0.01
24) 2-Nitrophenol-d4	9.975	143	167789	18.234	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.558	165	268211	16.356	ng/ul	0.05
31) 4-Chloroaniline-d4	11.075	131	236865	11.245	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	871651	20.388	ng/ul	0.01
49) Acenaphthylene-d8	14.399	160	965061	20.081	ng/ul	0.00
54) 4-Nitrophenol-d4	15.028	143	77085m	13.663	ng/ul	0.08
60) Fluorene-d10	15.704	176	683256	19.410	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.893	200	43714	7.437	ng/ul	0.04
73) Anthracene-d10	17.569	188	854383	19.569	ng/ul	0.01
81) Pyrene-d10	19.786	212	987052	18.727	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1004525	20.892	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.428	152	69073	1.304	ng/ul	97
74) Anthracene	17.610	178	94701	1.815	ng/ul	97
80) Fluoranthene	19.469	202	358931	5.479	ng/ul#	95
82) Pyrene	19.816	202	427321	6.395	ng/ul#	89
85) Benzo(a)anthracene	21.533	228	334775	5.896	ng/ul	97
87) Chrysene	21.592	228	373641	6.936	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	711007	11.609	ng/ul#	94
91) Benzo(k)fluoranthene	23.357	252	233349m	3.771	ng/ul	
93) Benzo(a)pyrene	23.980	252	293046	5.476	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	250894	3.453	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.792	278	67451	1.130	ng/ul#	82
96) Benzo(g,h,i)perylene	27.639	276	210675	3.525	ng/ul#	94

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



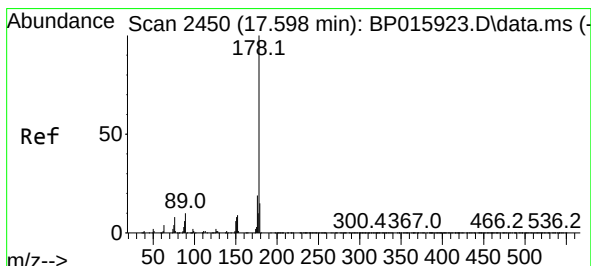
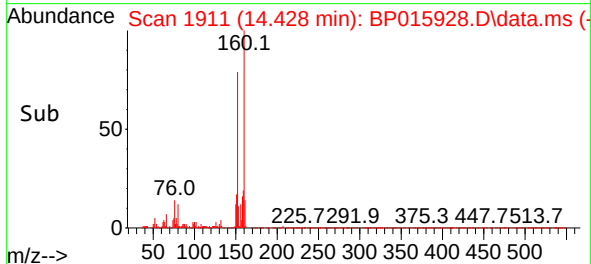
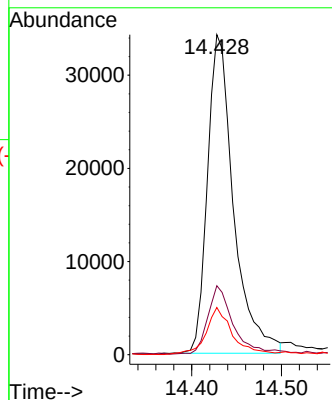
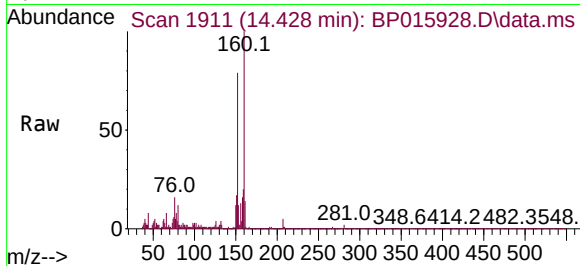
#50
Acenaphthylene
Concen: 1.304 ng/ul
RT: 14.428 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BP015928.D
Acq: 02 Jul 2023 17:26

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Tgt Ion:152 Resp: 6907
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 14.8 10.5 15.7

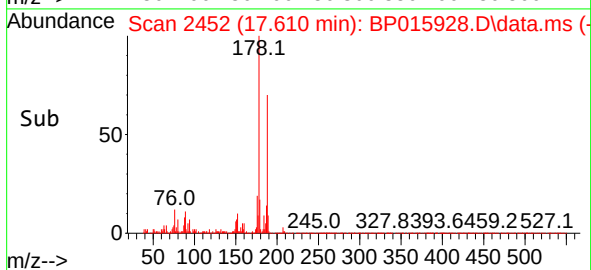
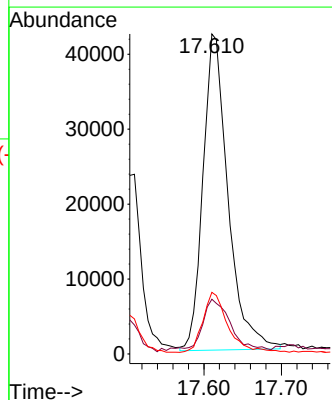
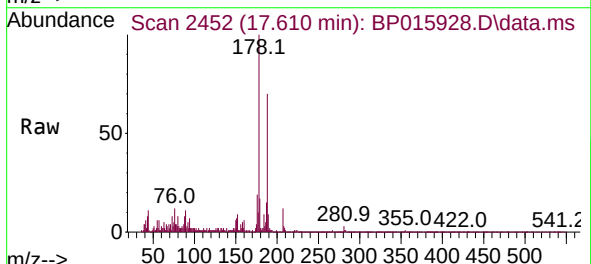
Manual Integrations
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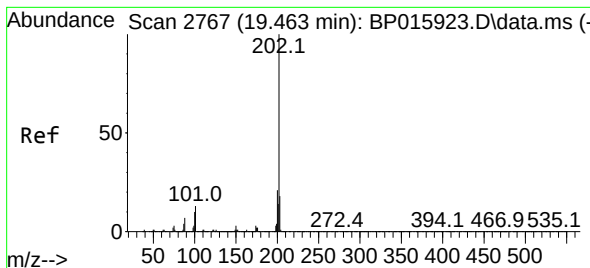
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#74
Anthracene
Concen: 1.815 ng/ul
RT: 17.610 min Scan# 2452
Delta R.T. 0.012 min
Lab File: BP015928.D
Acq: 02 Jul 2023 17:26

Tgt Ion:178 Resp: 94701
Ion Ratio Lower Upper
178 100
179 17.1 12.1 18.1
176 19.2 14.6 22.0





#80

Fluoranthene

Concen: 5.479 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Instrument :

BNA_P

ClientSampleId :

DCGD9

Tgt Ion:202 Resp: 35893

Ion Ratio Lower Upper

202 100

101 12.1 8.3 12.5

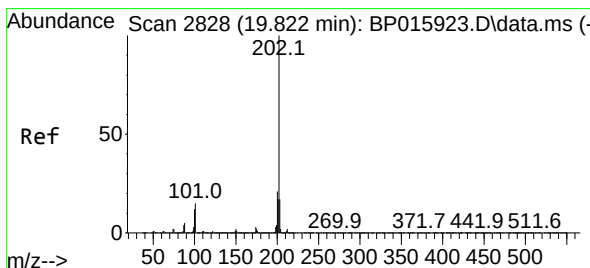
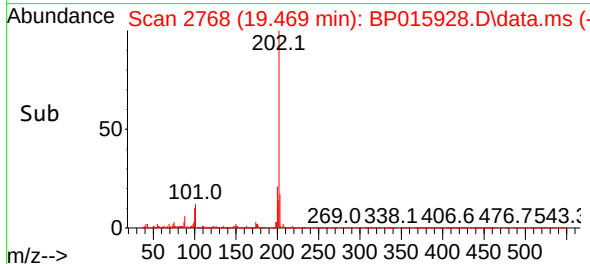
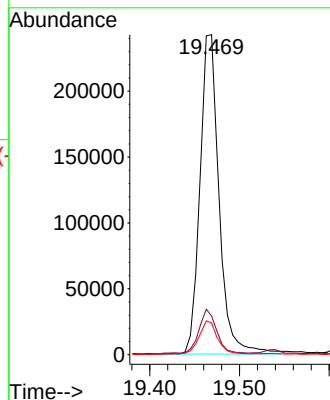
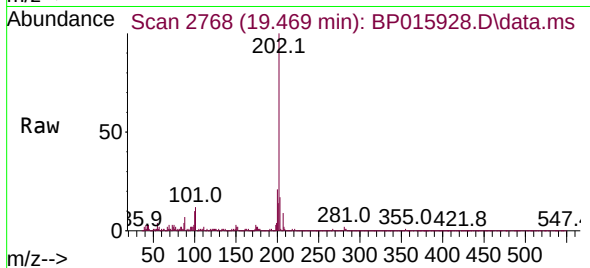
100 10.0 6.6 9.8

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#82

Pyrene

Concen: 6.395 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

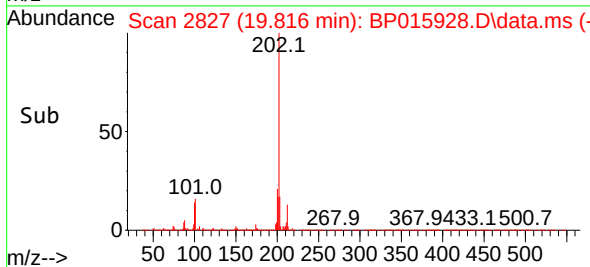
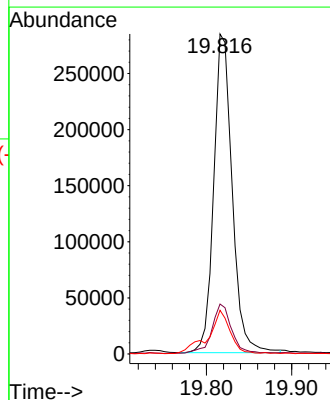
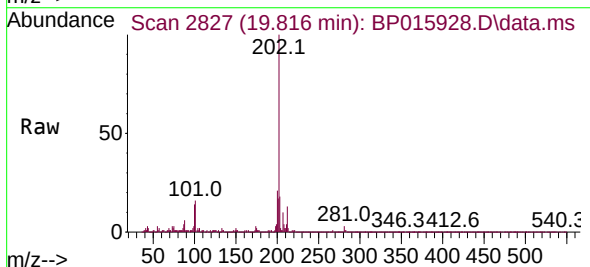
Tgt Ion:202 Resp: 427321

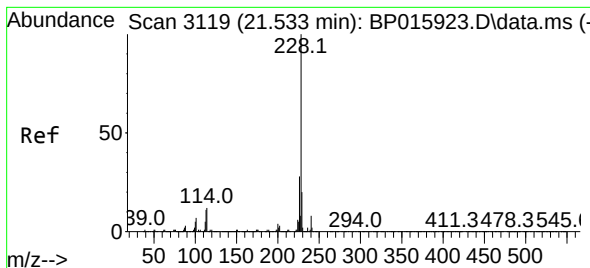
Ion Ratio Lower Upper

202 100

101 15.6 9.3 13.9#

100 13.7 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 5.896 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Instrument :

BNA_P

ClientSampleId :

DCGD9

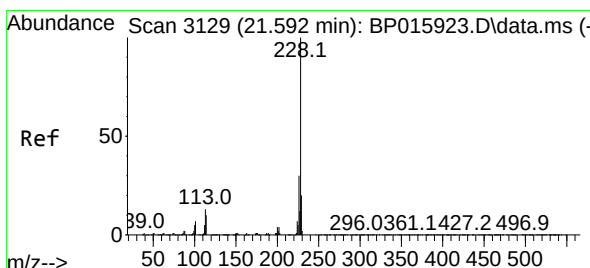
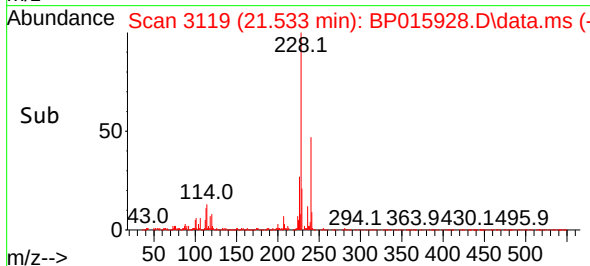
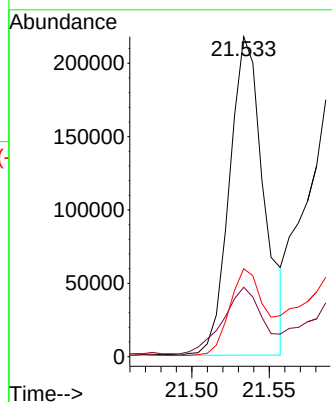
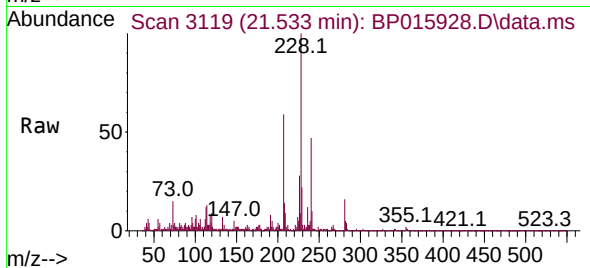
Tgt Ion:228 Resp: 334775
 Ion Ratio Lower Upper
 228 100
 229 21.7 15.3 22.9
 226 27.5 21.4 32.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#87

Chrysene

Concen: 6.936 ng/ul

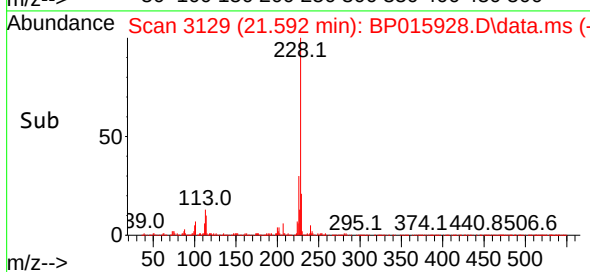
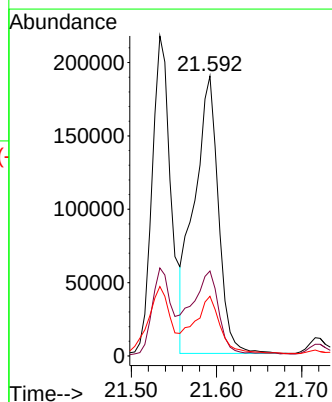
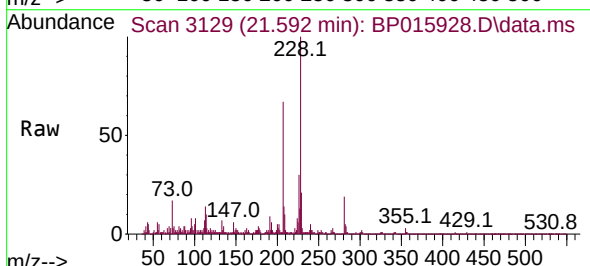
RT: 21.592 min Scan# 3129

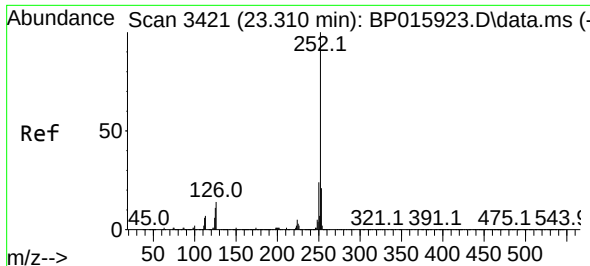
Delta R.T. 0.006 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

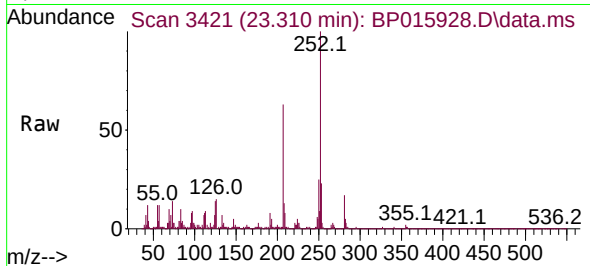
Tgt Ion:228 Resp: 373641
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 21.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 11.609 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015928.D
Acq: 02 Jul 2023 17:26

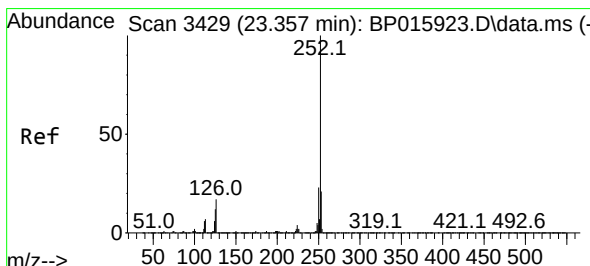
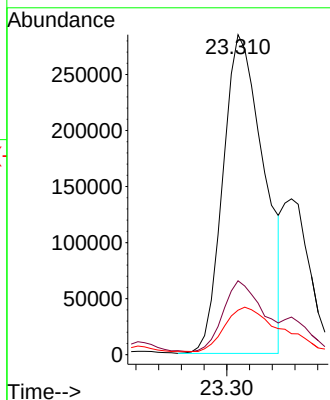
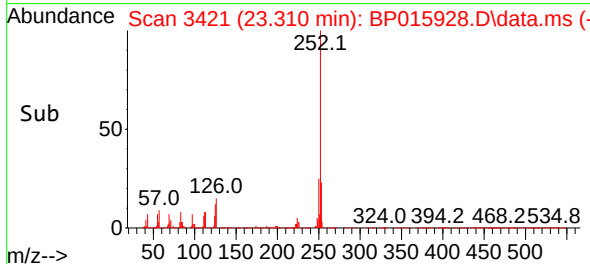
Instrument :
BNA_P
ClientSampleId :
DCGD9



Tgt Ion:252 Resp: 71100
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 13.9 7.5 11.3

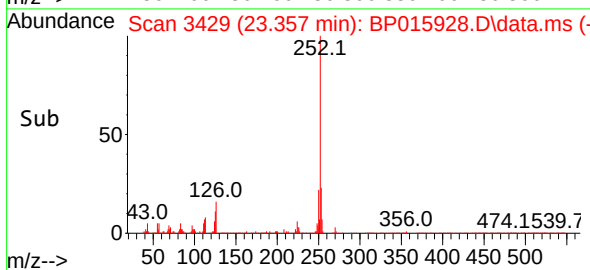
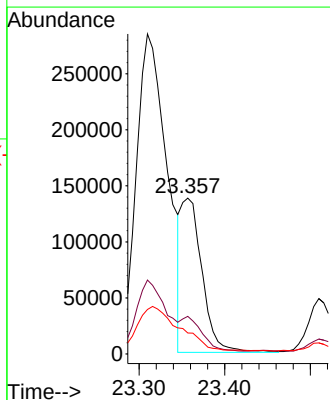
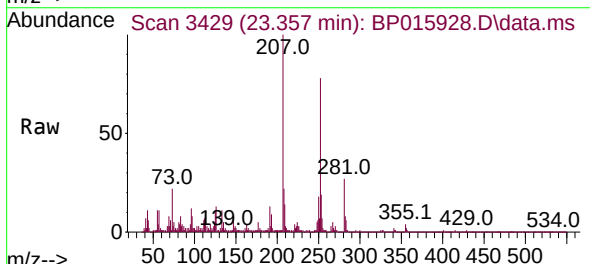
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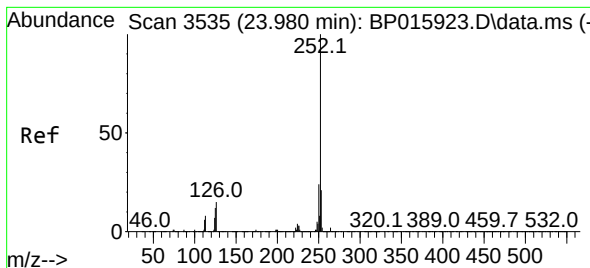
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#91
Benzo(k)fluoranthene
Concen: 3.771 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. 0.000 min
Lab File: BP015928.D
Acq: 02 Jul 2023 17:26

Tgt Ion:252 Resp: 233349
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.4
125 13.5 7.3 10.9





#93

Benzo(a)pyrene

Concen: 5.476 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Instrument :

BNA_P

ClientSampleId :

DCGD9

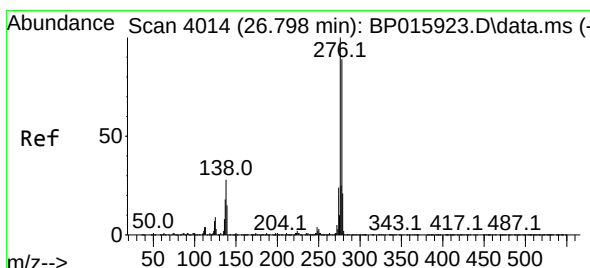
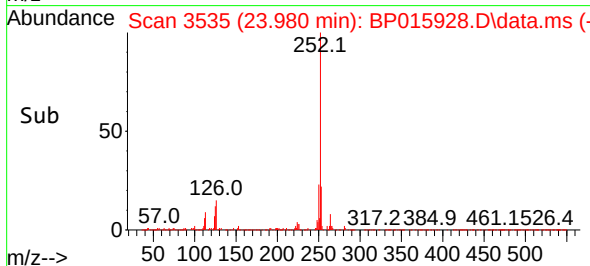
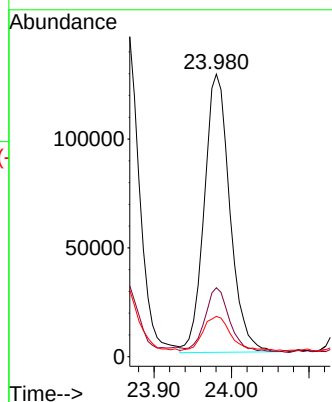
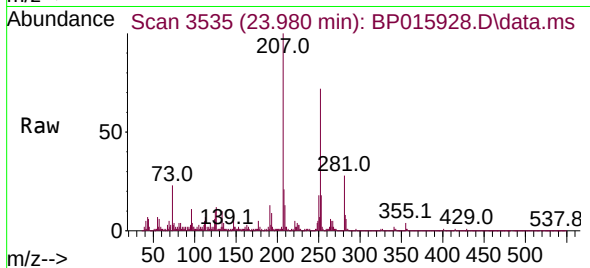
Tgt Ion:	252	Resp:	293040
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.7	26.5
125	14.2	8.2	12.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.453 ng/ul

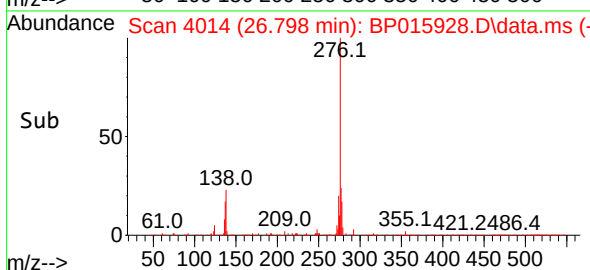
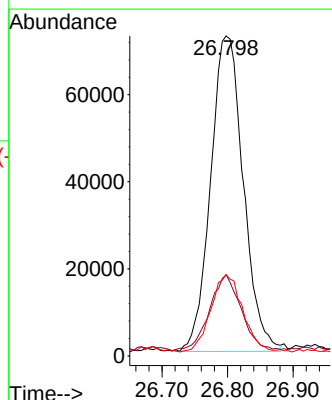
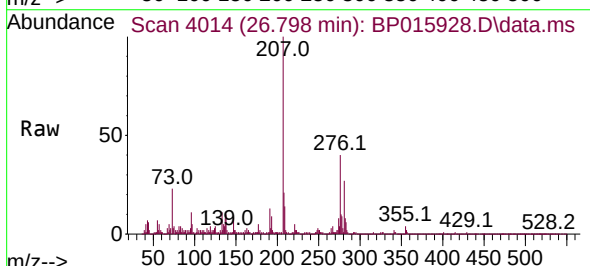
RT: 26.798 min Scan# 4014

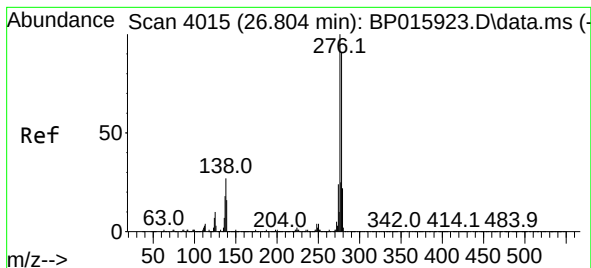
Delta R.T. 0.006 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Tgt Ion:	276	Resp:	250894
Ion Ratio	Lower	Upper	
276	100		
138	25.4	15.7	23.5
277	25.4	19.6	29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.130 ng/ul

RT: 26.792 min Scan# 4015

Delta R.T. -0.005 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Instrument :

BNP_P

ClientSampleId :

DCGD9

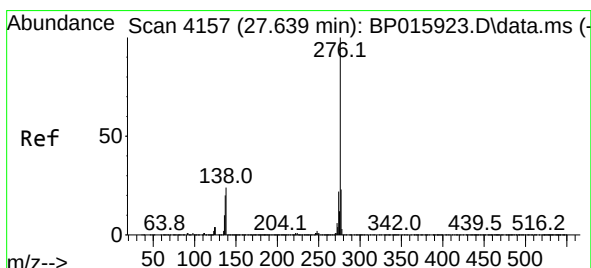
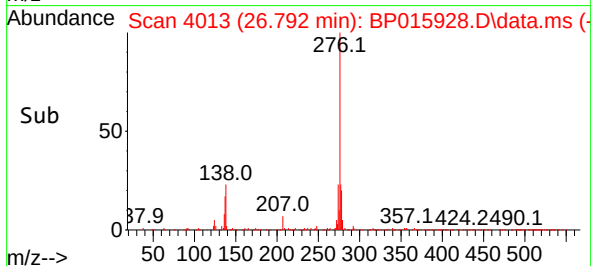
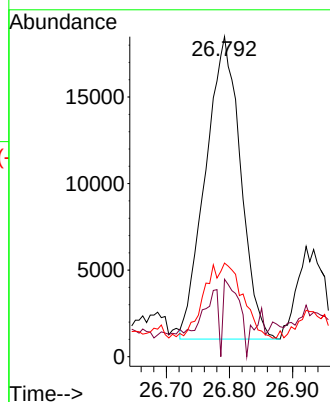
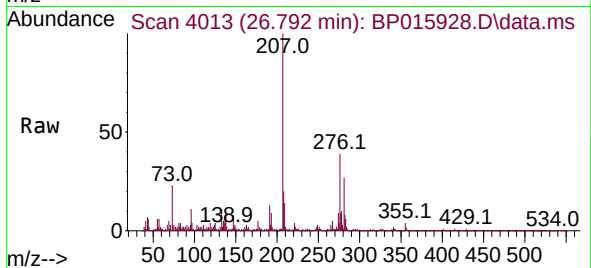
Tgt Ion:	278	Resp:	6745
Ion Ratio	Lower	Upper	
278	100		
139	24.2	10.5	15.7
279	29.2	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#96

Benzo(g,h,i)perylene

Concen: 3.525 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.012 min

Lab File: BP015928.D

Acq: 02 Jul 2023 17:26

Tgt Ion:	276	Resp:	210675
Ion Ratio	Lower	Upper	
276	100		
138	24.3	15.1	22.7
277	24.1	18.8	28.2

