

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015984.D
 Acq On : 04 Jul 2023 19:40
 Operator : MA/JU
 Sample : 03245-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH4

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:34:54 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	554723	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	2406222	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.693	164	1393195	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	2576658	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	1788821	20.000	ng/u1	0.00
88) Perylene-d12	24.086	264	2134103	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	28680	1.860	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.234	99	546690	11.518	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	392938	13.382	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	458771	12.805	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	393900	10.505	ng/u1	0.01
21) Nitrobenzene-d5	9.234	128	225058	12.239	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	243006	11.322	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	401412	10.495	ng/u1	0.03
31) 4-Chloroaniline-d4	11.063	131	249995	5.088	ng/u1	0.04
46) Dimethylphthalate-d6	14.104	166	1344099	12.482	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1502756	12.414	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	107259	7.548	ng/u1	0.05
60) Fluorene-d10	15.692	176	1071403	12.084	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	95286	6.013	ng/u1	0.01
73) Anthracene-d10	17.557	188	1333641	11.331	ng/u1	0.00
81) Pyrene-d10	19.780	212	1454863	12.455	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.916	264	1369654	12.723	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	801230	5.724	ng/u1	98
74) Anthracene	17.598	178	159672	1.135	ng/u1	98
80) Fluoranthene	19.457	202	1645862	11.338	ng/u1#	95
82) Pyrene	19.810	202	1295926	8.751	ng/u1#	90
85) Benzo(a)anthracene	21.527	228	722197	5.739	ng/u1	97
87) Chrysene	21.580	228	761121	6.375	ng/u1	98
90) Benzo(b)fluoranthene	23.304	252	1182280	8.622	ng/u1#	96
91) Benzo(k)fluoranthene	23.351	252	349346m	2.521	ng/u1	
93) Benzo(a)pyrene	23.974	252	700984	5.850	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.786	276	589400	3.624	ng/u1	97
95) Dibenzo(a,h)anthracene	26.780	278	162074	1.213	ng/u1#	75
96) Benzo(g,h,i)perylene	27.621	276	531893	3.975	ng/u1#	95

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

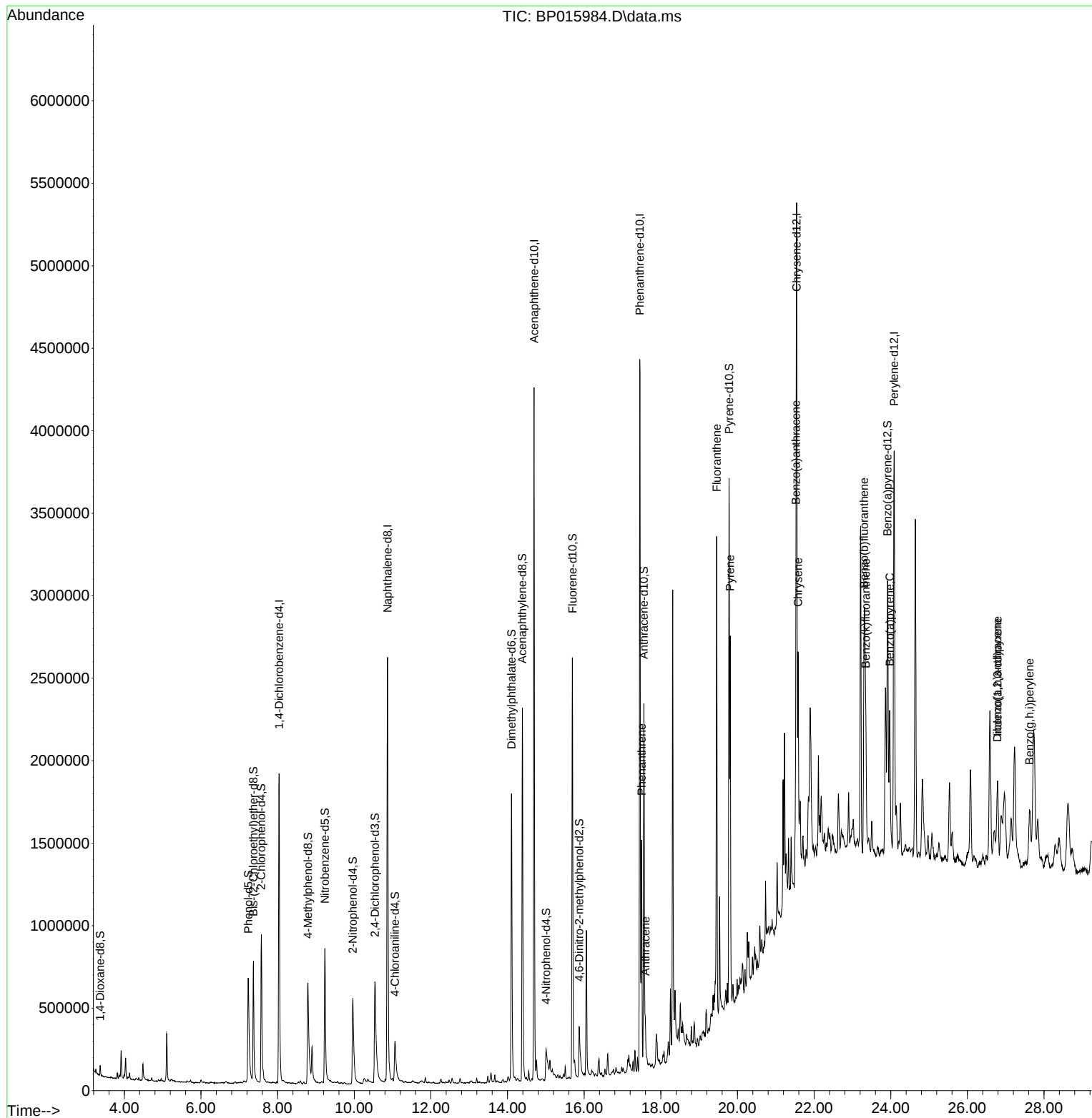
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015984.D
 Acq On : 04 Jul 2023 19:40
 Operator : MA/JU
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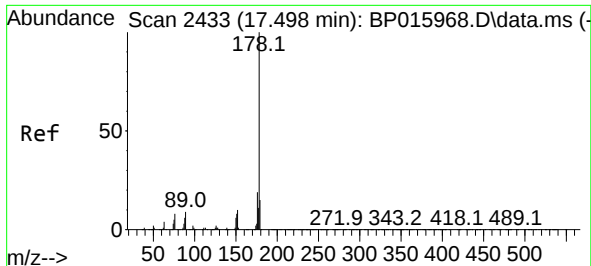
Instrument :
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 ClientSampleId :
 DCGH4

Quant Time: Jul 04 23:34:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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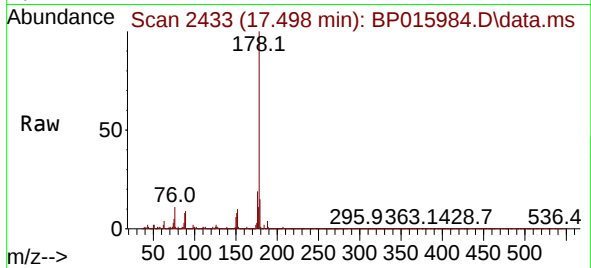
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023





#72
Phenanthrene
Concen: 5.724 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015984.D
Acq: 04 Jul 2023 19:40

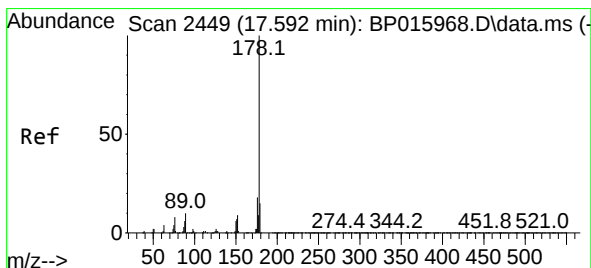
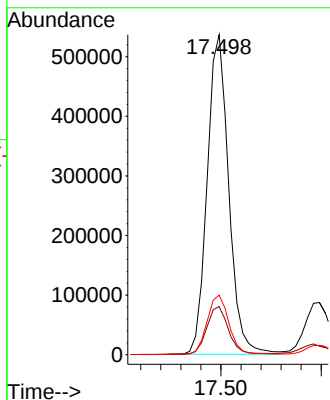
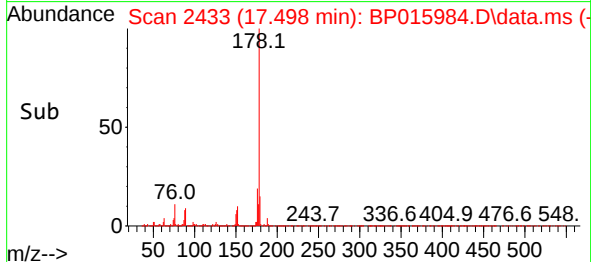
Instrument :
BNA_P
ClientSampleId :
DCGH4



Tgt Ion:178 Resp: 801230
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 18.6 15.6 23.4

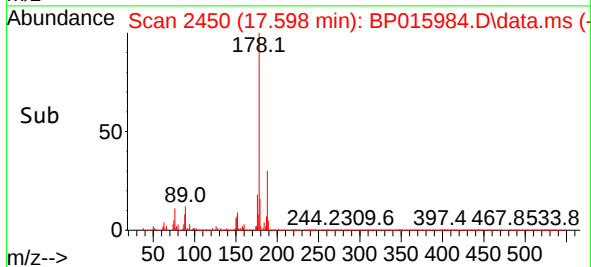
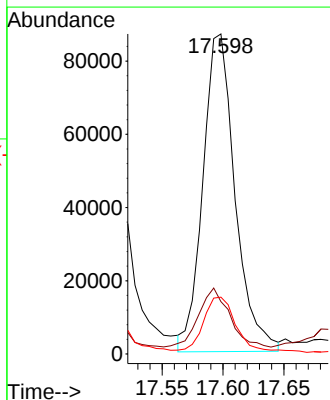
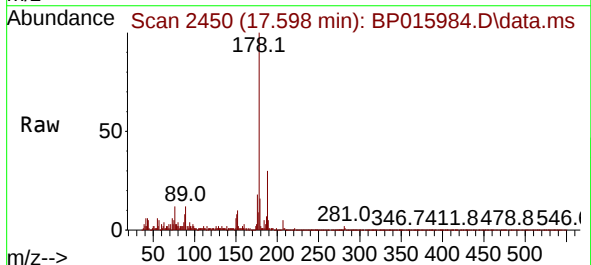
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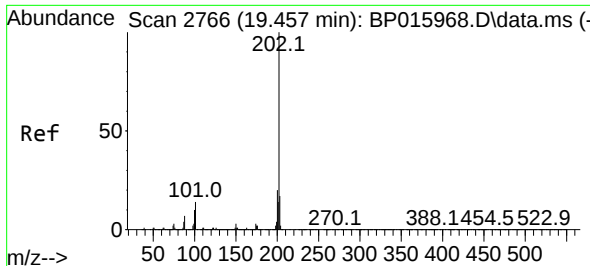
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#74
Anthracene
Concen: 1.135 ng/ul
RT: 17.598 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BP015984.D
Acq: 04 Jul 2023 19:40

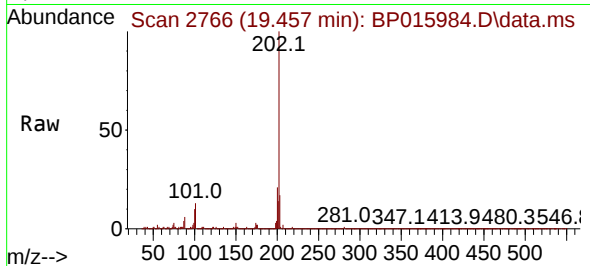
Tgt Ion:178 Resp: 159672
Ion Ratio Lower Upper
178 100
179 16.3 12.1 18.1
176 17.7 14.6 22.0





#80
Fluoranthene
Concen: 11.338 ng/ul
RT: 19.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015984.D
Acq: 04 Jul 2023 19:40

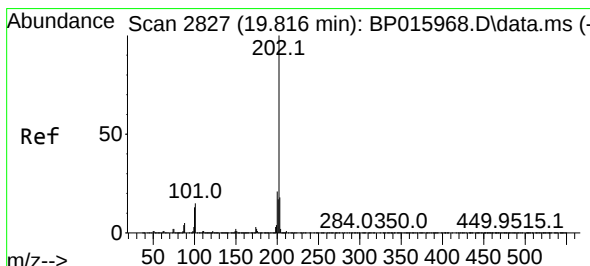
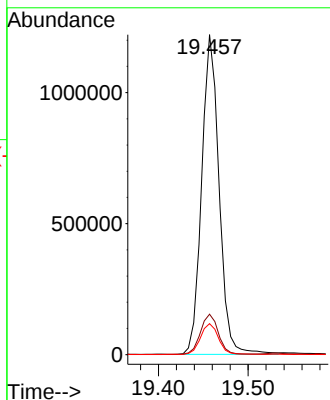
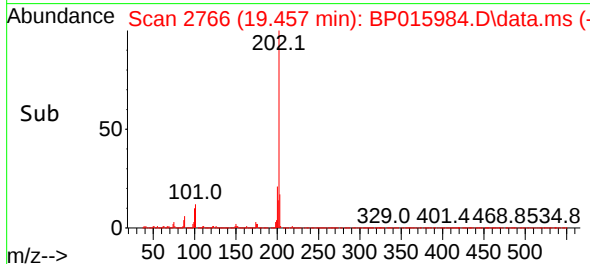
Instrument :
BNA_P
ClientSampleId :
DCGH4



Tgt Ion:202 Resp: 1645862
Ion Ratio Lower Upper
202 100
101 12.6 8.3 12.5#
100 9.7 6.6 9.8

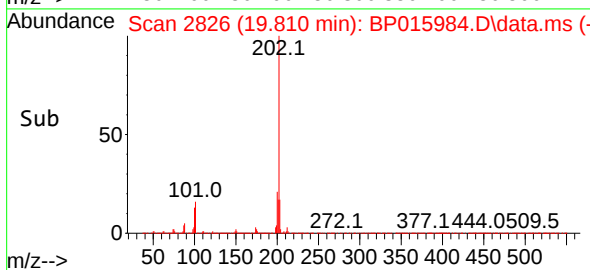
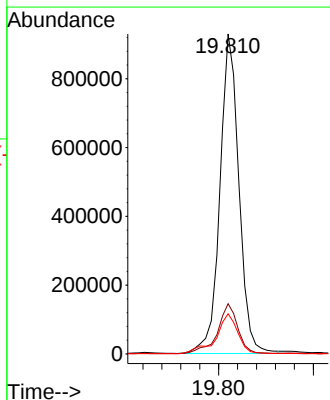
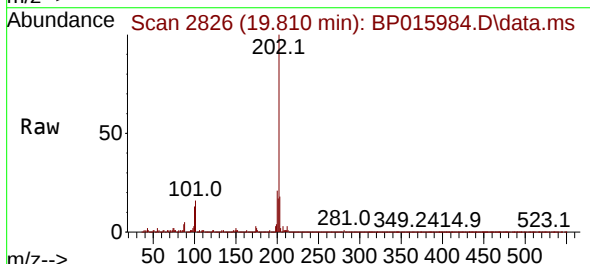
Manual Integrations
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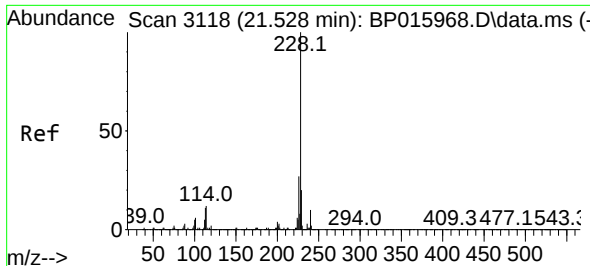
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#82
Pyrene
Concen: 8.751 ng/ul
RT: 19.810 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP015984.D
Acq: 04 Jul 2023 19:40

Tgt Ion:202 Resp: 1295926
Ion Ratio Lower Upper
202 100
101 15.7 9.3 13.9#
100 12.6 7.6 11.4#





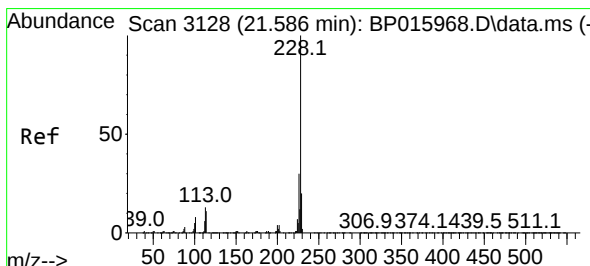
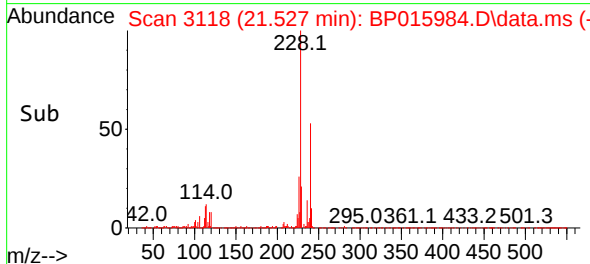
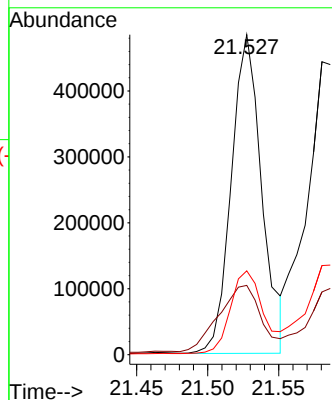
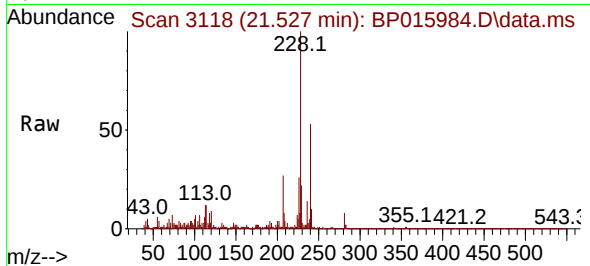
#85
Benzo(a)anthracene
Concen: 5.739 ng/ul
RT: 21.527 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP015984.D
Acq: 04 Jul 2023 19:40

Instrument :
BNA_P
ClientSampleId :
DCGH4

Tgt Ion:228 Resp: 722197
Ion Ratio Lower Upper
228 100
229 21.7 15.3 22.9
226 26.2 21.4 32.0

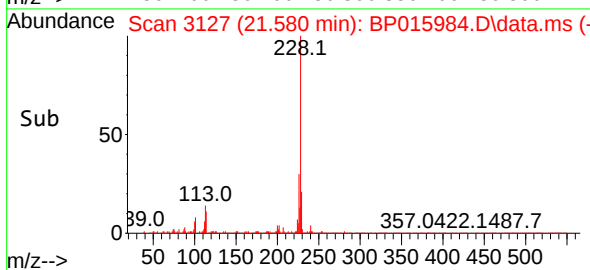
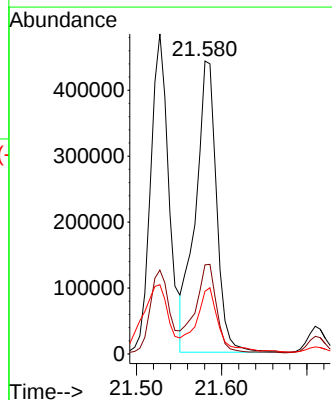
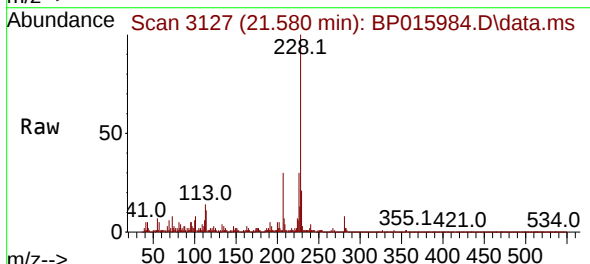
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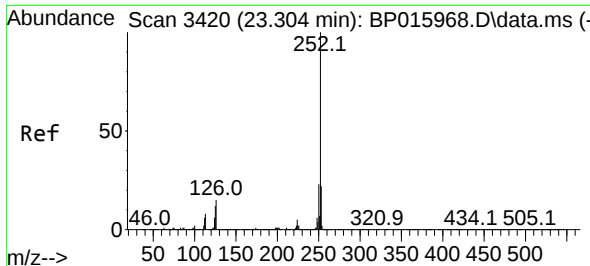
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#87
Chrysene
Concen: 6.375 ng/ul
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP015984.D
Acq: 04 Jul 2023 19:40

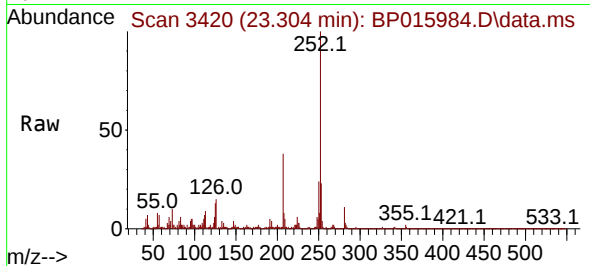
Tgt Ion:228 Resp: 761121
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 8.622 ng/ul
RT: 23.304 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BP015984.D
Acq: 04 Jul 2023 19:40

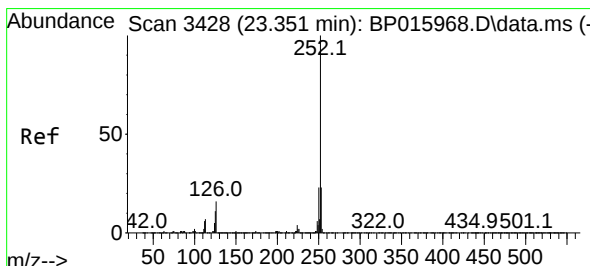
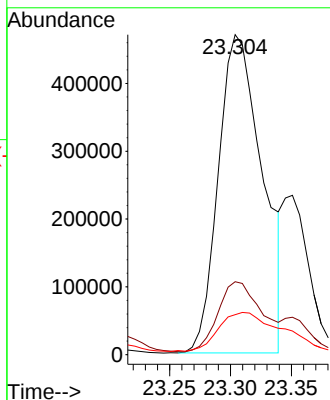
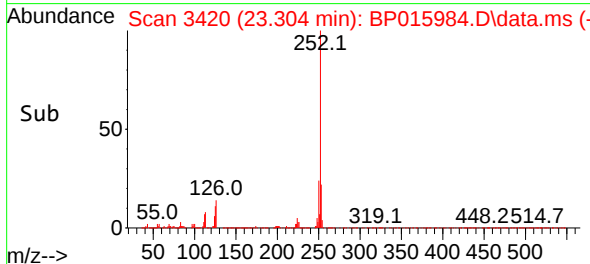
Instrument :
BNA_P
ClientSampleId :
DCGH4



Tgt Ion:252 Resp: 1182280
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 12.5 7.5 11.3

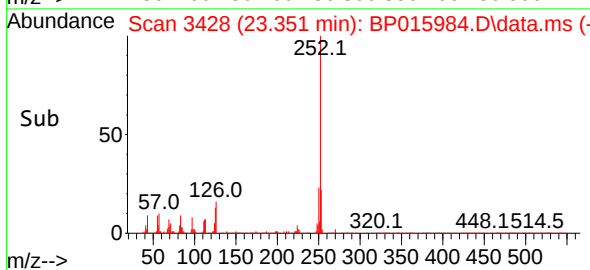
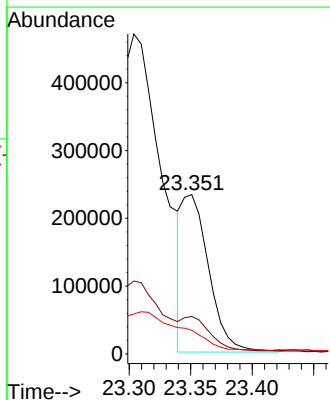
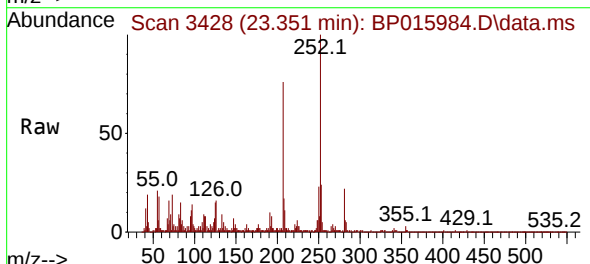
Manual Integrations
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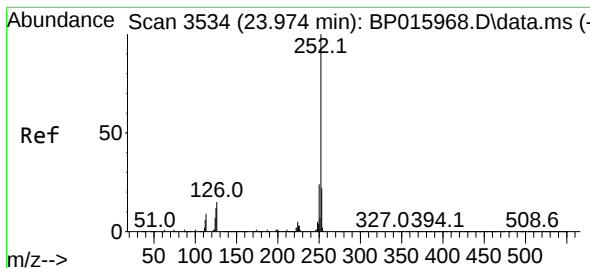
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#91
Benzo(k)fluoranthene
Concen: 2.521 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015984.D
Acq: 04 Jul 2023 19:40

Tgt Ion:252 Resp: 349346
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 14.9 7.3 10.9





#93

Benzo(a)pyrene

Concen: 5.850 ng/ul

RT: 23.974 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

Instrument :

BNA_P

ClientSampleId :

DCGH4

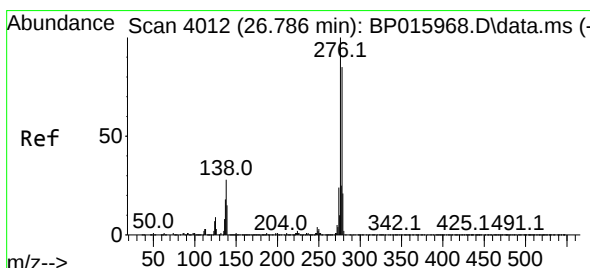
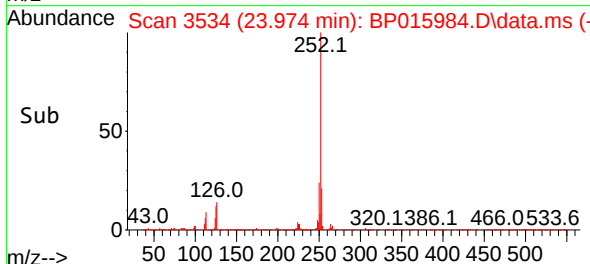
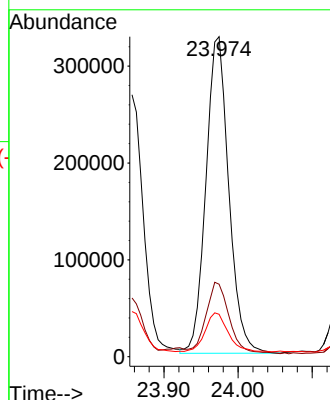
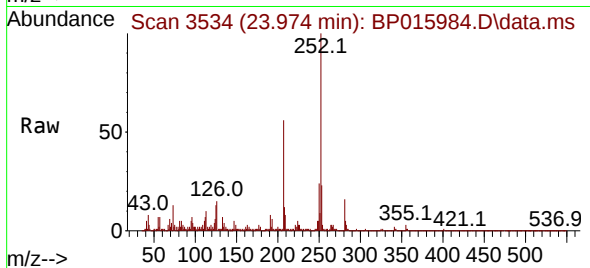
Tgt Ion:	252	Resp:	700984
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	13.2	8.2	12.2

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.624 ng/ul

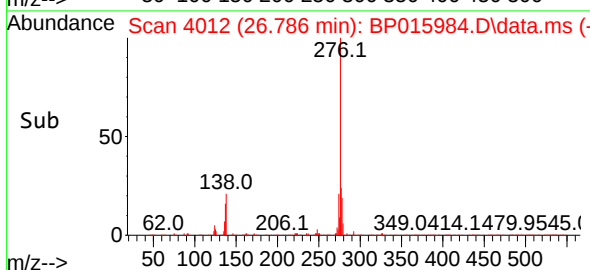
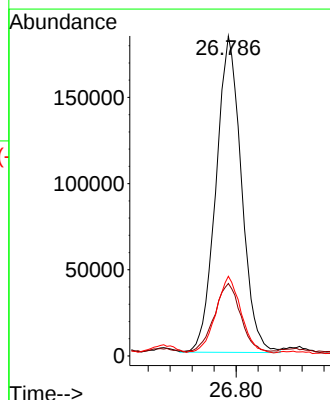
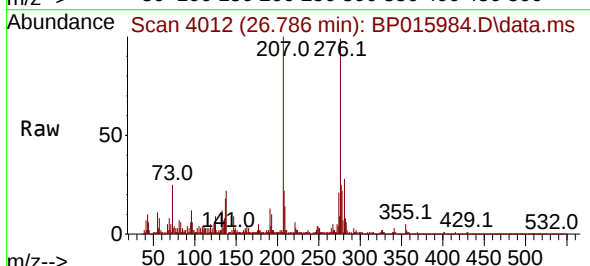
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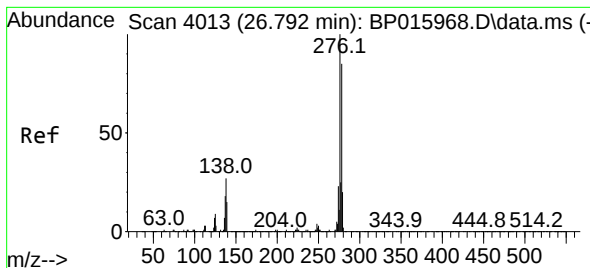
Delta R.T. -0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

Tgt Ion:	276	Resp:	589400
Ion Ratio	Lower	Upper	
276	100		
138	22.6	15.7	23.5
277	24.9	19.6	29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.213 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.017 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

Instrument :

BNA_P

ClientSampleId :

DCGH4

Tgt Ion:278 Resp: 162074

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

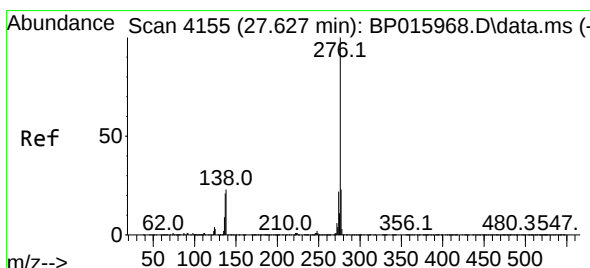
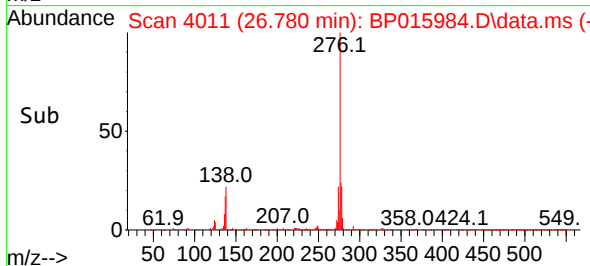
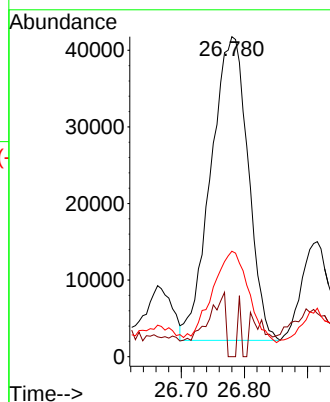
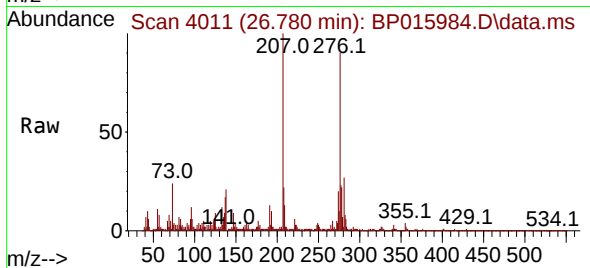
279 32.9 18.4 27.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 3.975 ng/ul

RT: 27.621 min Scan# 4154

Delta R.T. -0.006 min

Lab File: BP015984.D

Acq: 04 Jul 2023 19:40

Tgt Ion:276 Resp: 531893

Ion Ratio Lower Upper

276 100

138 23.8 15.1 22.7

277 23.7 18.8 28.2

