

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015961.D
 Acq On : 03 Jul 2023 21:09
 Operator : MA/JU
 Sample : 03353-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGK4

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 00:06:46 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	191429	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	871500	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.699	164	536364	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1141136	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	765744	20.000	ng/u1	# 0.00
88) Perylene-d12	24.086	264	779157	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	23986	4.508	ng/uL	0.00
4) Pyridine-d5	3.823	84	234702	17.499	ng/u1	0.00
7) Phenol-d5	7.240	99	458135	27.971	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	324339	32.007	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	383234	30.996	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	332824	25.722	ng/u1	0.02
21) Nitrobenzene-d5	9.240	128	188858	28.356	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	210767	27.114	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	345365	24.932	ng/u1	0.04
31) 4-Chloroaniline-d4	11.063	131	309129	17.372	ng/u1	0.04
46) Dimethylphthalate-d6	14.110	166	1216918	29.354	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	1392486	29.880	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	118251	21.615	ng/u1	0.05
60) Fluorene-d10	15.698	176	1052273	30.826	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	100008	14.250	ng/u1	0.02
73) Anthracene-d10	17.557	188	1515562	29.076	ng/u1	0.00
81) Pyrene-d10	19.786	212	1703363	34.066	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.922	264	1244276	31.658	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	491716	7.932	ng/u1	100
74) Anthracene	17.598	178	77775m	1.249	ng/u1	
80) Fluoranthene	19.457	202	1408814	22.671	ng/u1#	93
82) Pyrene	19.816	202	1088537	17.172	ng/u1#	91
85) Benzo(a)anthracene	21.528	228	500805	9.297	ng/u1	96
87) Chrysene	21.586	228	611196	11.959	ng/u1	97
90) Benzo(b)fluoranthene	23.310	252	803996	16.059	ng/u1#	94
91) Benzo(k)fluoranthene	23.351	252	275112m	5.439	ng/u1	
93) Benzo(a)pyrene	23.974	252	476267	10.887	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.786	276	380550	6.408	ng/u1#	96
95) Dibenzo(a,h)anthracene	26.780	278	105014	2.153	ng/u1#	77
96) Benzo(g,h,i)perylene	27.627	276	320339	6.557	ng/u1#	92

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

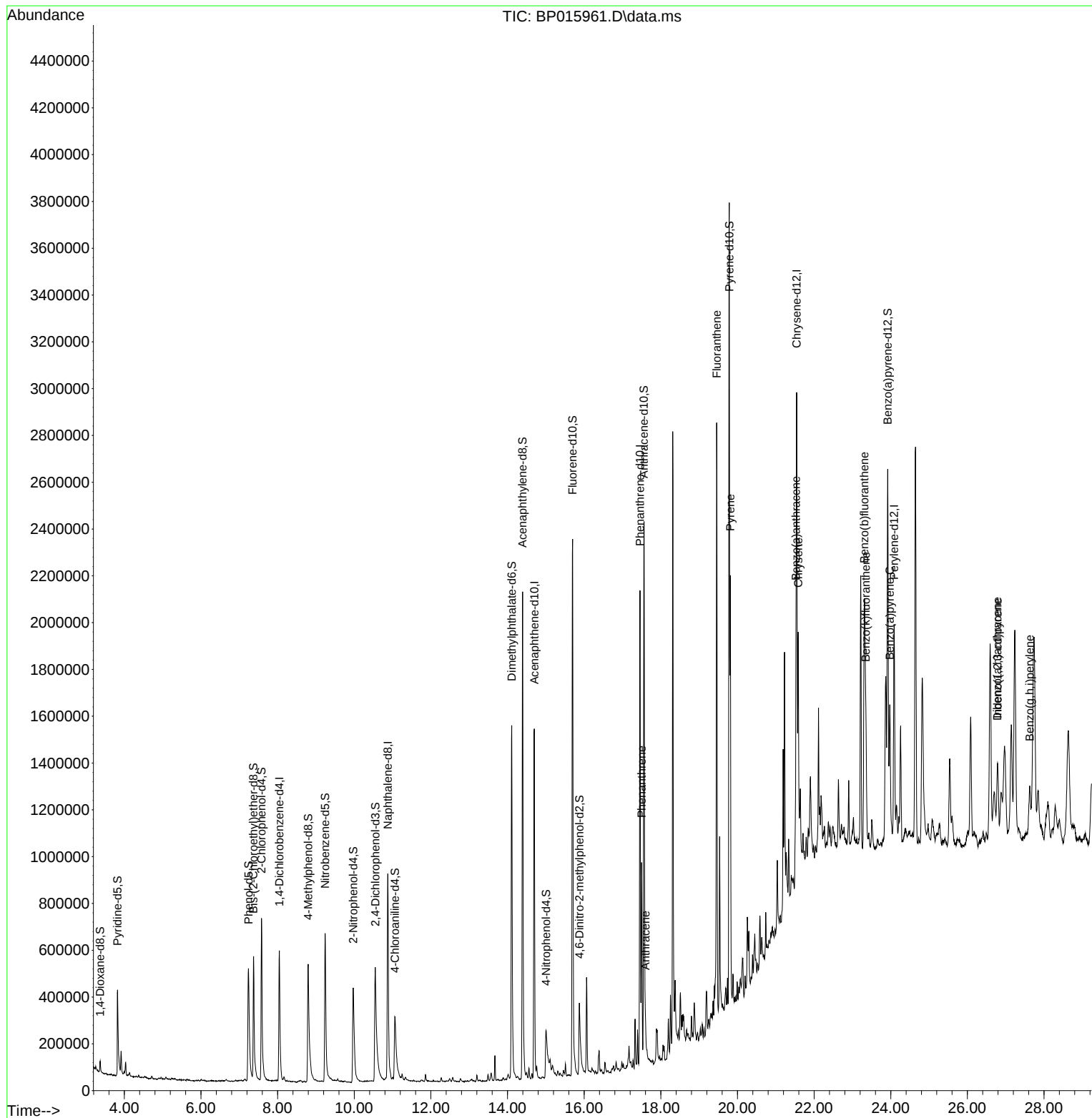
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

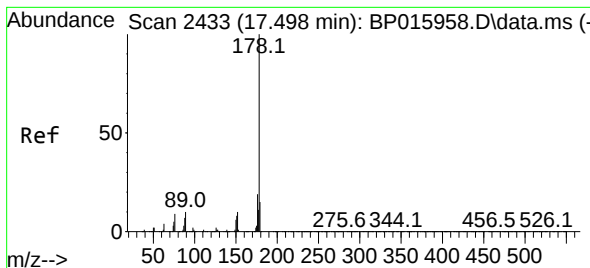
Instrument :
BNA_P
ClientSampleId :
DCGK4

Quant Time: Jul 04 00:06:46 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
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Supervised By :mohammad ahmed 07/04/2023





#72

Phenanthrene

Concen: 7.932 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP015961.D

Acq: 03 Jul 2023 21:09

Instrument :

BNP_P

ClientSampleId :

DCGK4

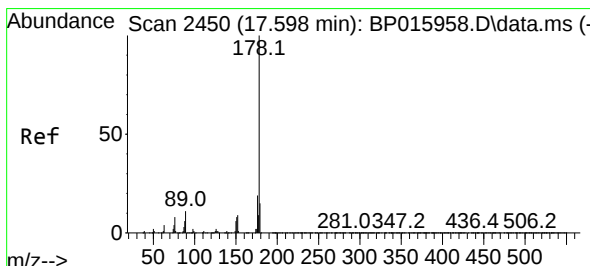
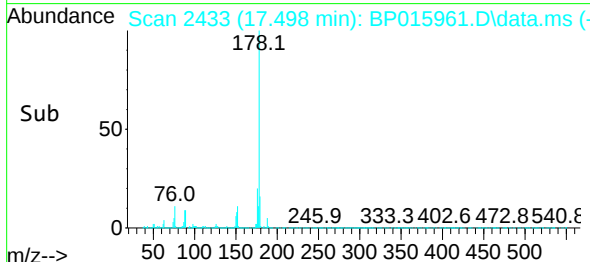
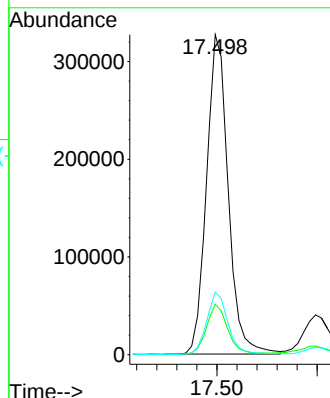
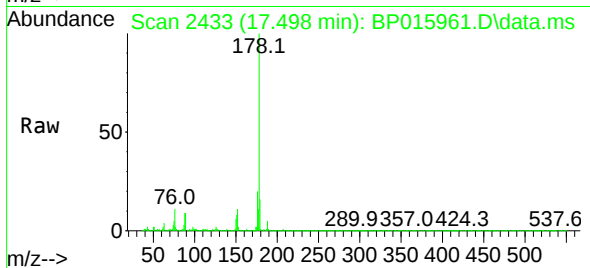
Tgt Ion:178	Resp:	491710
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.4 18.6
176	19.6	15.6 23.4

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#74

Anthracene

Concen: 1.249 ng/ul m

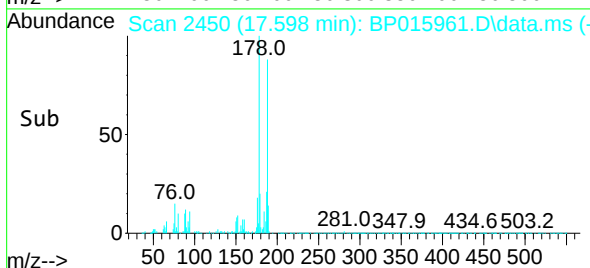
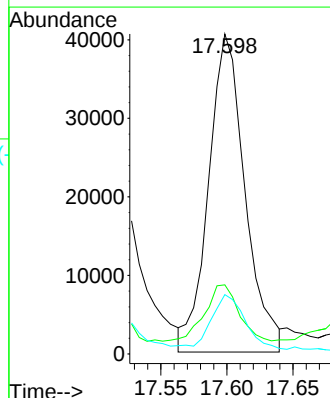
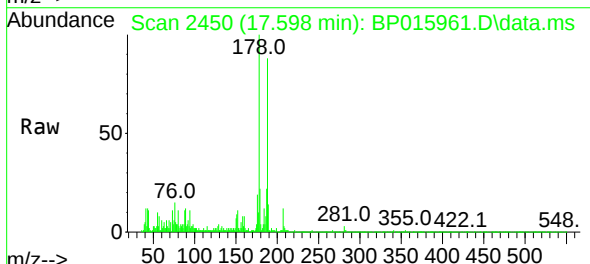
RT: 17.598 min Scan# 2450

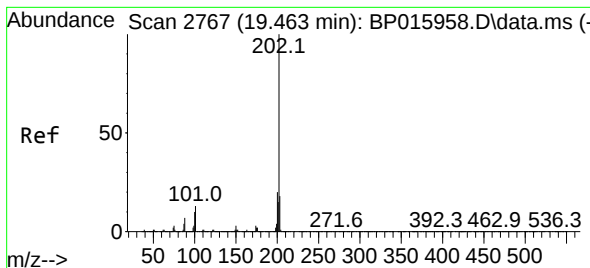
Delta R.T. 0.000 min

Lab File: BP015961.D

Acq: 03 Jul 2023 21:09

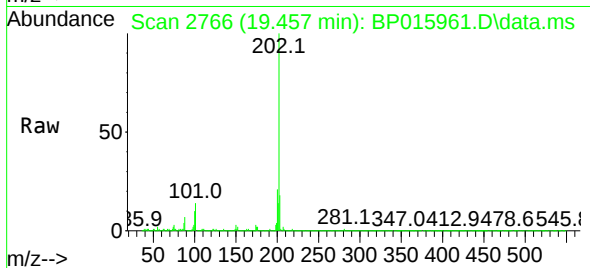
Tgt Ion:178	Resp:	77775
Ion Ratio	Lower	Upper
178	100	
179	21.6	12.1 18.1#
176	18.6	14.6 22.0





#80
Fluoranthene
Concen: 22.671 ng/u1
RT: 19.457 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

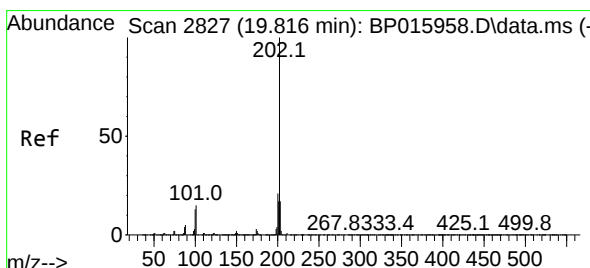
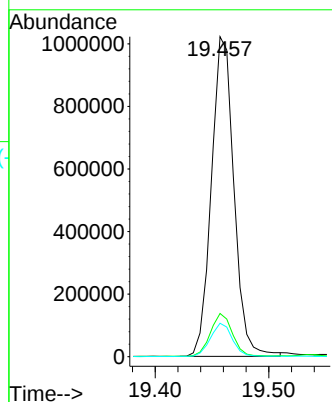
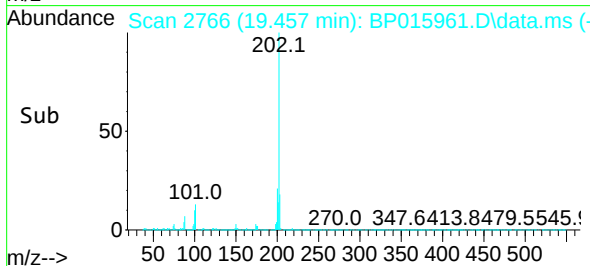
Instrument :
BNA_P
ClientSampleId :
DCGK4



Tgt Ion:202 Resp: 1408814
Ion Ratio Lower Upper
202 100
101 13.5 8.3 12.5#
100 10.5 6.6 9.8#

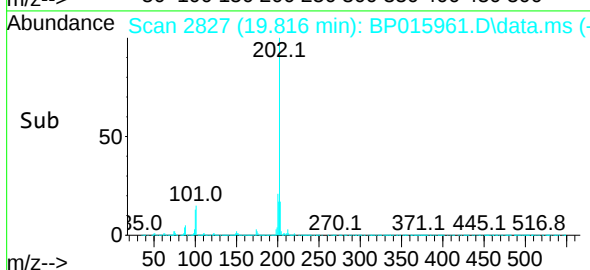
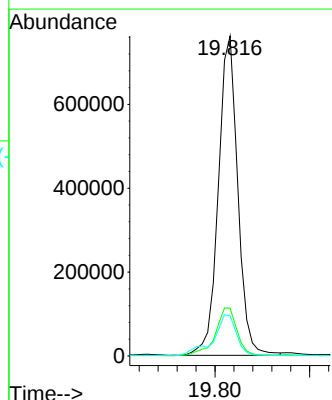
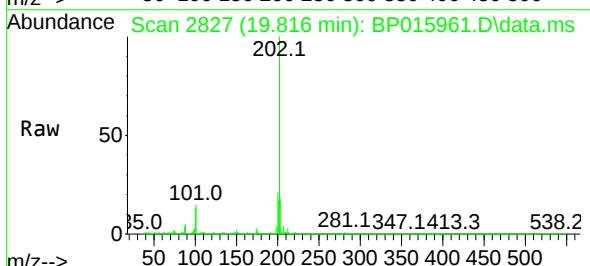
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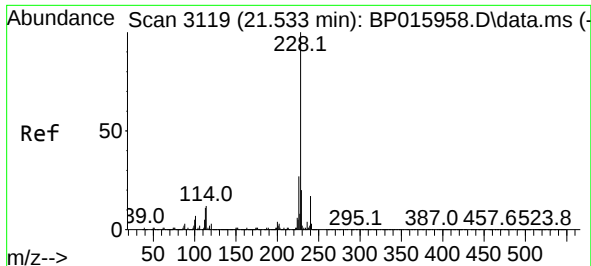
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#82
Pyrene
Concen: 17.172 ng/u1
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

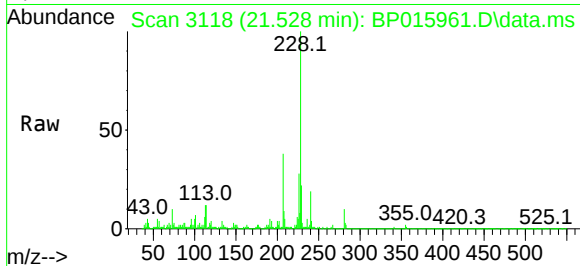
Tgt Ion:202 Resp: 1088537
Ion Ratio Lower Upper
202 100
101 14.9 9.3 13.9#
100 12.6 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 9.297 ng/ul
RT: 21.528 min Scan# 3118
Delta R.T. -0.005 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

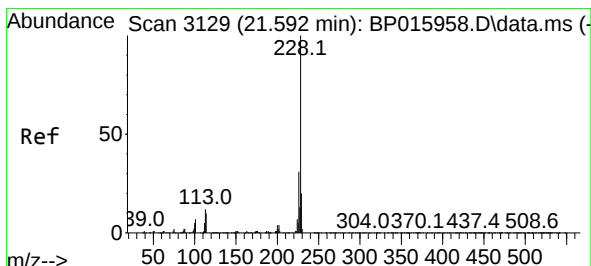
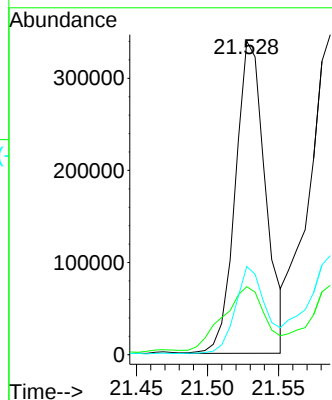
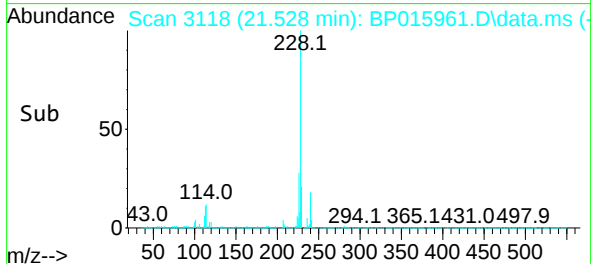
Instrument :
BNA_P
ClientSampleId :
DCGK4



Tgt Ion:228 Resp: 50080
Ion Ratio Lower Upper
228 100
229 21.7 15.3 22.9
226 28.2 21.4 32.0

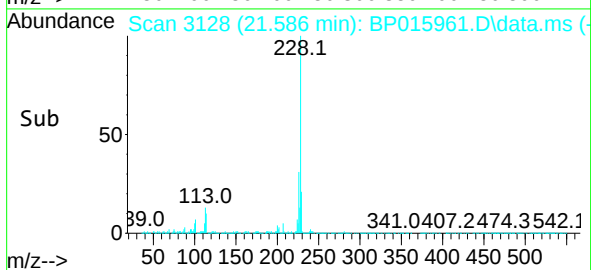
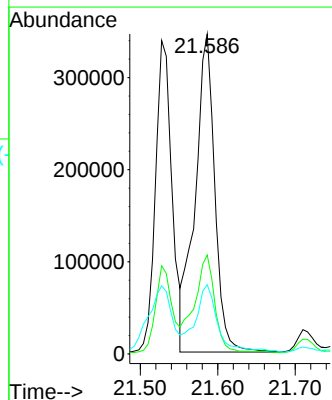
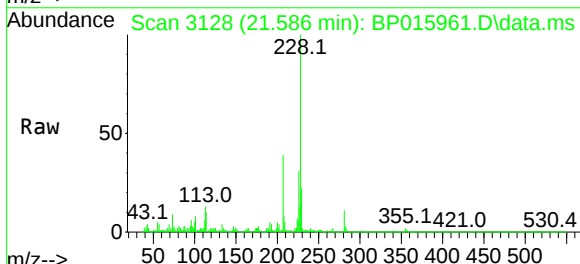
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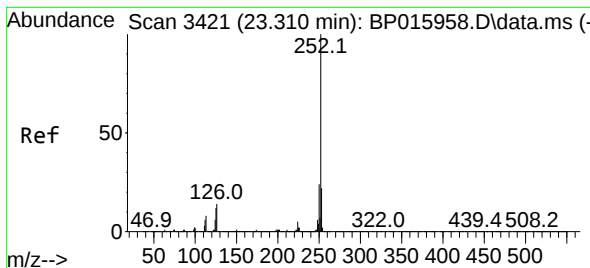
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#87
Chrysene
Concen: 11.959 ng/ul
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Tgt Ion:228 Resp: 611196
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.6 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 16.059 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015961.D

Acq: 03 Jul 2023 21:09

Instrument :

BNA_P

ClientSampleId :

DCGK4

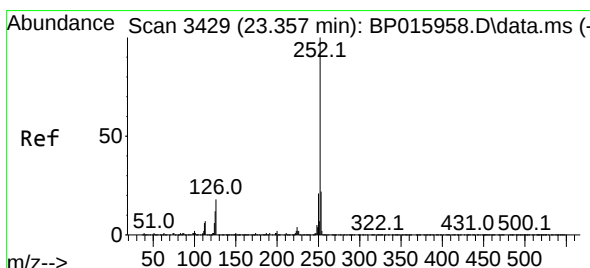
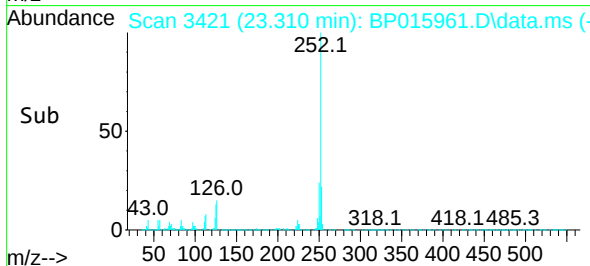
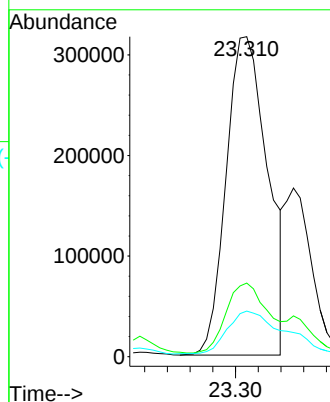
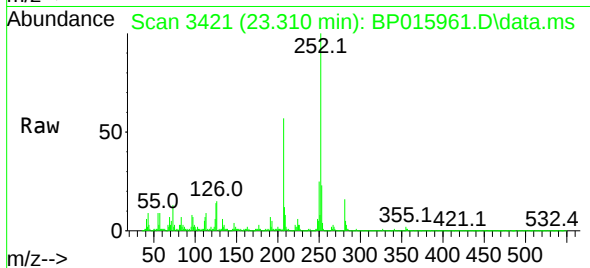
Tgt Ion:252 Resp: 803990
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.3 25.9
 125 14.3 7.5 11.3

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 5.439 ng/ul m

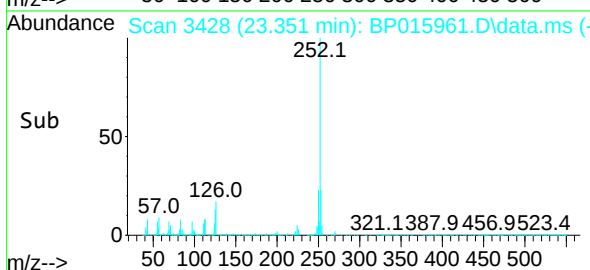
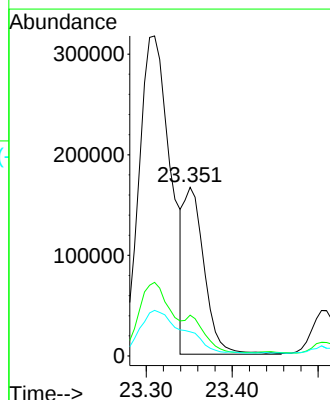
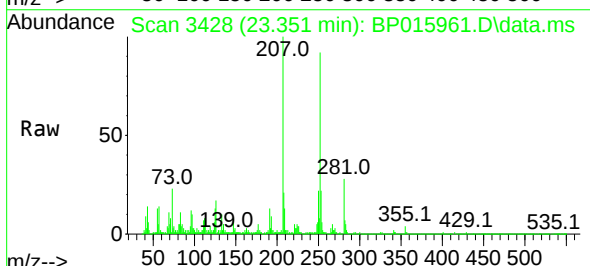
RT: 23.351 min Scan# 3428

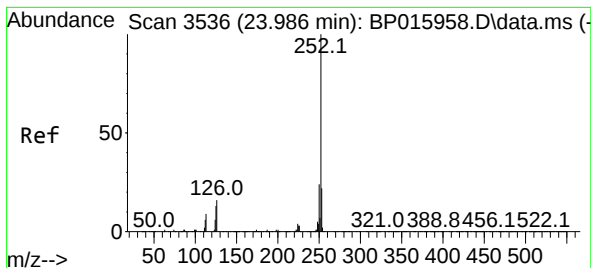
Delta R.T. -0.005 min

Lab File: BP015961.D

Acq: 03 Jul 2023 21:09

Tgt Ion:252 Resp: 275112
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.0 25.4
 125 14.4 7.3 10.9





#93

Benzo(a)pyrene

Concen: 10.887 ng/ul

RT: 23.974 min Scan# 3536

Delta R.T. -0.005 min

Lab File: BP015961.D

Acq: 03 Jul 2023 21:09

Instrument :

BNA_P

ClientSampleId :

DCGK4

Tgt Ion:252 Resp: 47626

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

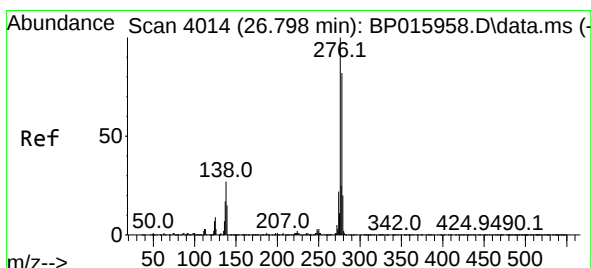
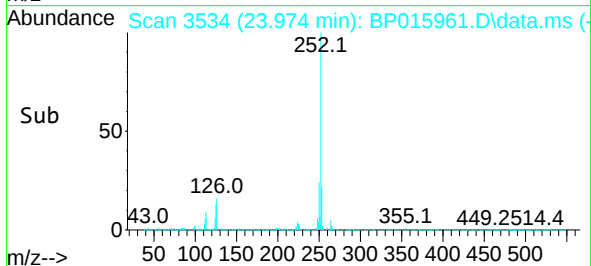
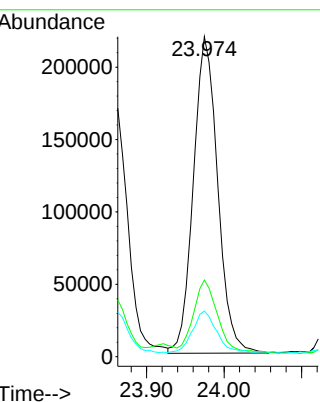
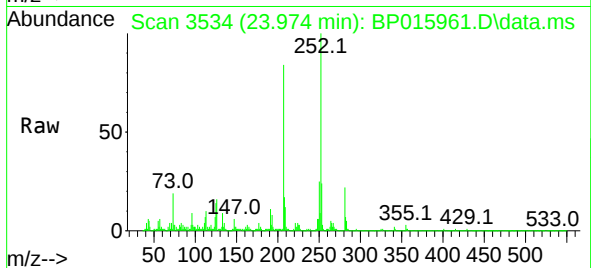
125 14.2 8.2 12.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.408 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.005 min

Lab File: BP015961.D

Acq: 03 Jul 2023 21:09

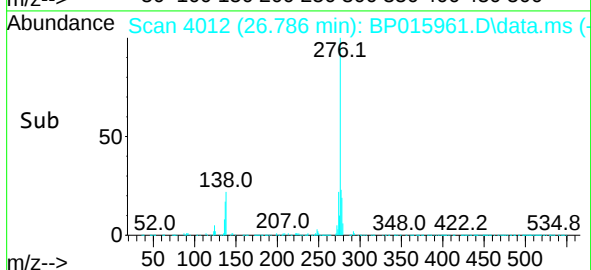
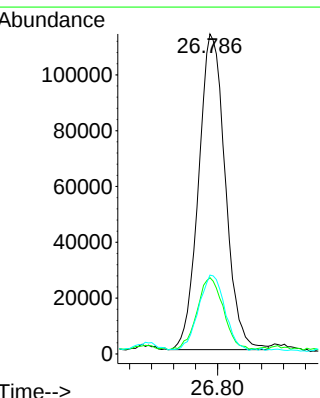
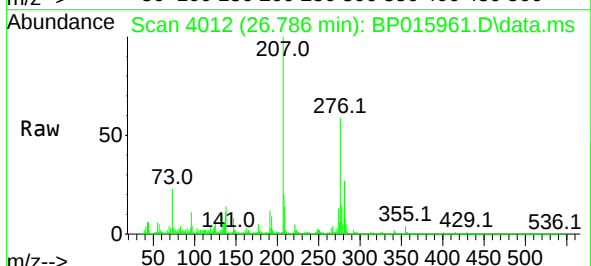
Tgt Ion:276 Resp: 380550

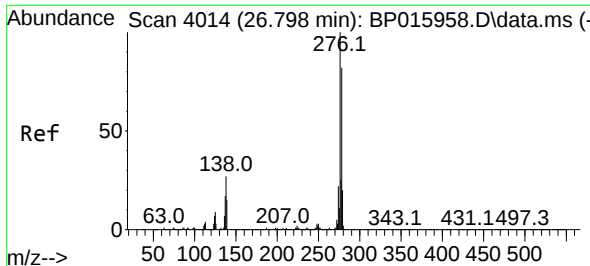
Ion Ratio Lower Upper

276 100

138 23.8 15.7 23.5

277 24.6 19.6 29.4





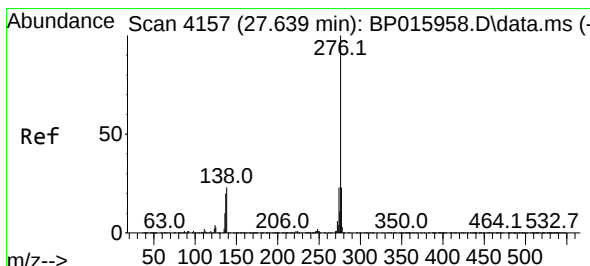
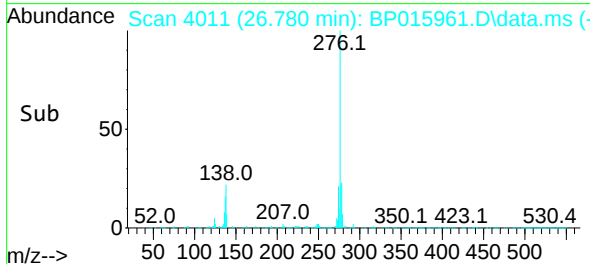
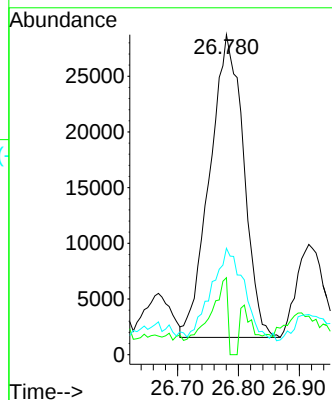
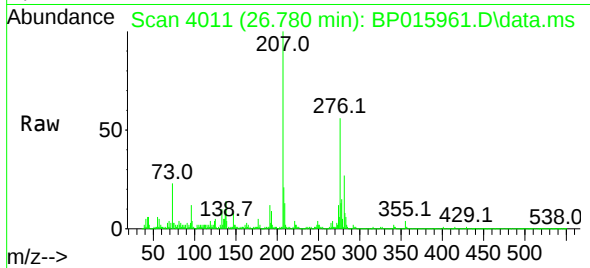
#95
Dibenzo(a,h)anthracene
Concen: 2.153 ng/ul
RT: 26.780 min Scan# 4014
Delta R.T. -0.017 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Instrument :
BNA_P
ClientSampleId :
DCGK4

Tgt Ion:278 Resp: 105014
Ion Ratio Lower Upper
278 100
139 24.0 10.5 15.7
279 33.3 18.4 27.6

Manual Integrations
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Supervised By :mohammad ahmed 07/04/2023



#96
Benzo(g,h,i)perylene
Concen: 6.557 ng/ul
RT: 27.627 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BP015961.D
Acq: 03 Jul 2023 21:09

Tgt Ion:276 Resp: 320339
Ion Ratio Lower Upper
276 100
138 25.2 15.1 22.7
277 25.2 18.8 28.2

