

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015935.D
 Acq On : 02 Jul 2023 21:25
 Operator : MA/JU
 Sample : 03245-09
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG7

Manual Integrations
 APPROVED

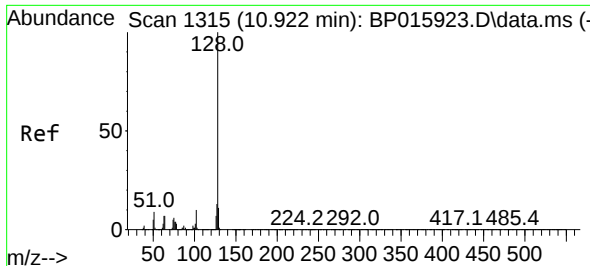
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 05:12:23 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	276303	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1140675	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	659960	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1426258	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1272156	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1487677	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	22478	2.927	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	398547	16.858	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	282294	19.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	333781	18.704	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	292720	15.674	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	153817	17.645	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	169042	16.615	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.552	165	276298	15.239	ng/ul	0.04
31) 4-Chloroaniline-d4	11.063	131	236172	10.140	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	914998	17.938	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1052222	18.350	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	94820m	14.086	ng/ul	0.06
60) Fluorene-d10	15.698	176	792509	18.869	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	78466	8.946	ng/ul	0.02
73) Anthracene-d10	17.563	188	1216109	18.667	ng/ul	0.00
81) Pyrene-d10	19.786	212	1467269	17.663	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1447984	19.295	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.928	128	73742	1.189	ng/ul	98
50) Acenaphthylene	14.428	152	103878	1.644	ng/ul	98
72) Phenanthrene	17.504	178	446831	5.767	ng/ul	99
74) Anthracene	17.604	178	133721	1.718	ng/ul	98
80) Fluoranthene	19.463	202	1399229	13.553	ng/ul#	95
82) Pyrene	19.816	202	1218018	11.566	ng/ul#	91
85) Benzo(a)anthracene	21.533	228	724482	8.096	ng/ul	97
87) Chrysene	21.586	228	812088	9.565	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	1221500	12.779	ng/ul#	96
91) Benzo(k)fluoranthene	23.351	252	446922m	4.627	ng/ul	
93) Benzo(a)pyrene	23.974	252	812334	9.726	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	675808	5.960	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.786	278	178452	1.916	ng/ul#	78
96) Benzo(g,h,i)perylene	27.627	276	614387	6.586	ng/ul#	93

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



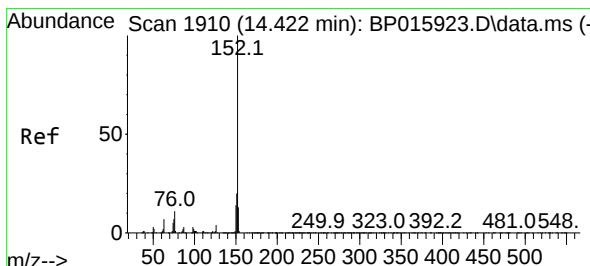
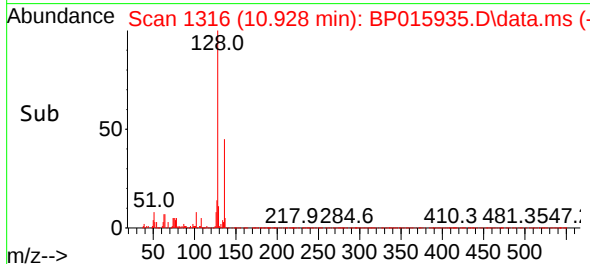
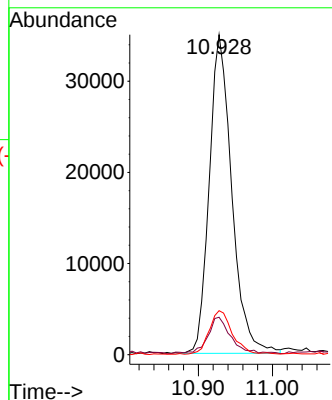
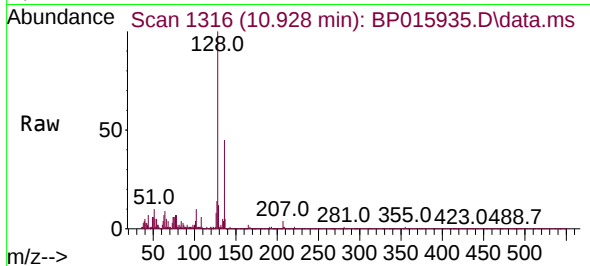
#30
Naphthalene
Concen: 1.189 ng/ul
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015935.D
Acq: 02 Jul 2023 21:25

Instrument :
BNA_P
ClientSampleId :
DCGG7

Tgt Ion:128 Resp: 7374
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.8 10.3 15.5

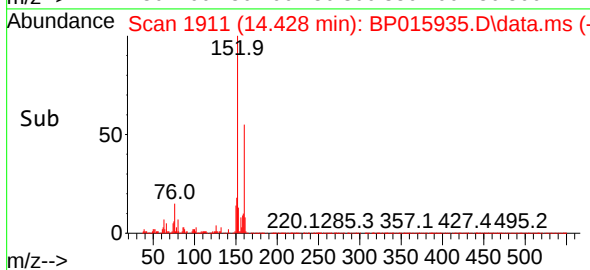
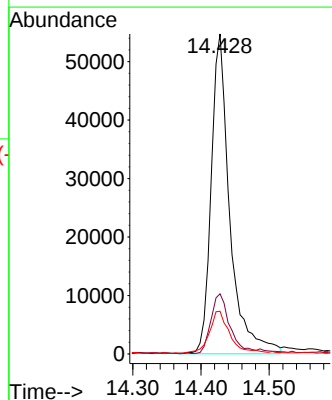
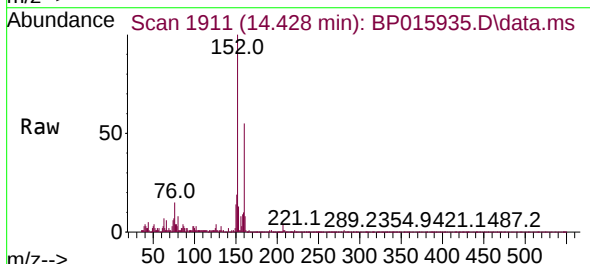
Manual Integrations
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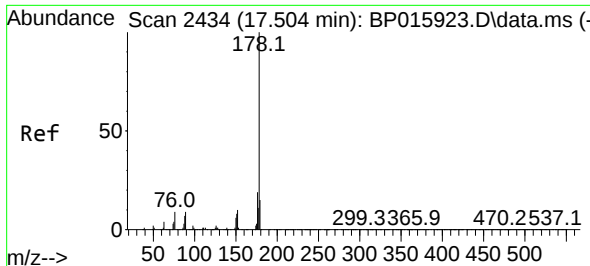
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#50
Acenaphthylene
Concen: 1.644 ng/ul
RT: 14.428 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP015935.D
Acq: 02 Jul 2023 21:25

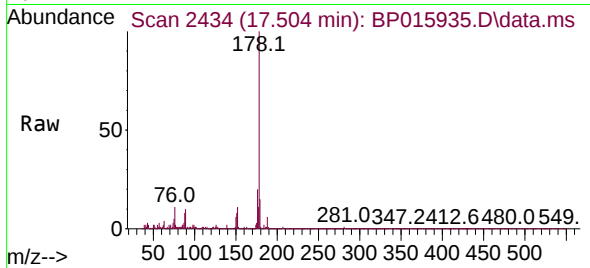
Tgt Ion:152 Resp: 103878
Ion Ratio Lower Upper
152 100
151 18.8 16.2 24.2
153 13.3 10.5 15.7





#72
Phenanthrene
Concen: 5.767 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP015935.D
Acq: 02 Jul 2023 21:25

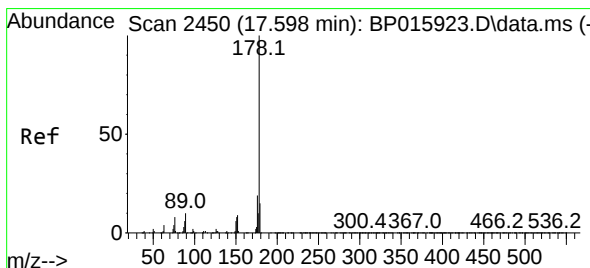
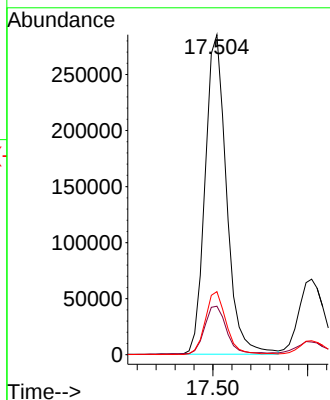
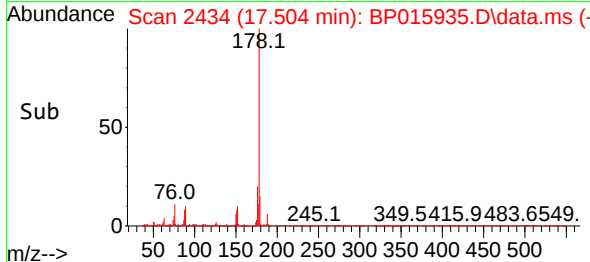
Instrument :
BNA_P
ClientSampleId :
DCGG7



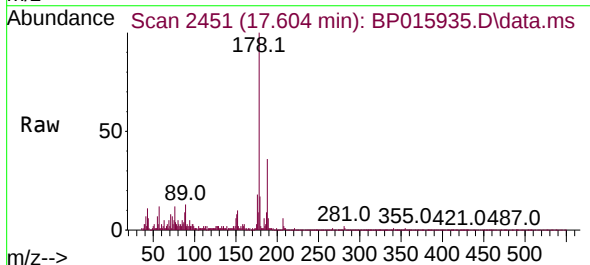
Tgt Ion:178 Resp: 446833
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 19.7 15.6 23.4

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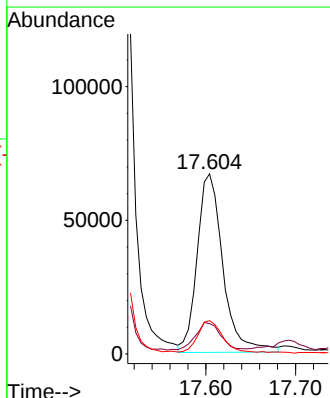
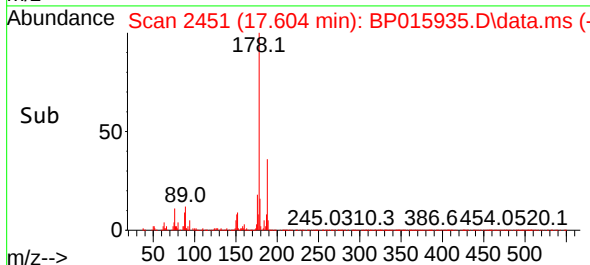
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

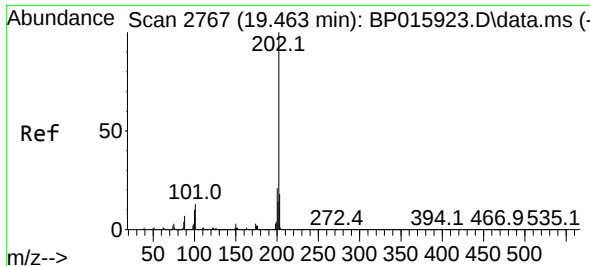


#74
Anthracene
Concen: 1.718 ng/ul
RT: 17.604 min Scan# 2451
Delta R.T. 0.006 min
Lab File: BP015935.D
Acq: 02 Jul 2023 21:25



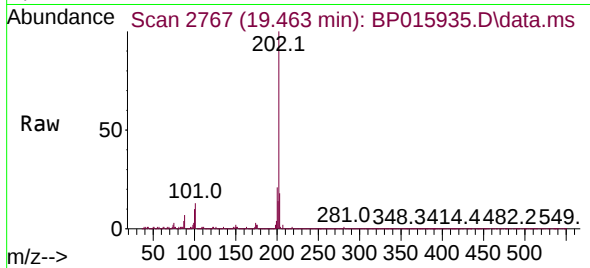
Tgt Ion:178 Resp: 133721
Ion Ratio Lower Upper
178 100
179 16.8 12.1 18.1
176 18.4 14.6 22.0





#80
Fluoranthene
Concen: 13.553 ng/u1
RT: 19.463 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015935.D
Acq: 02 Jul 2023 21:25

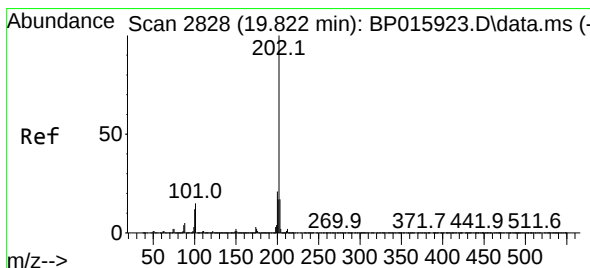
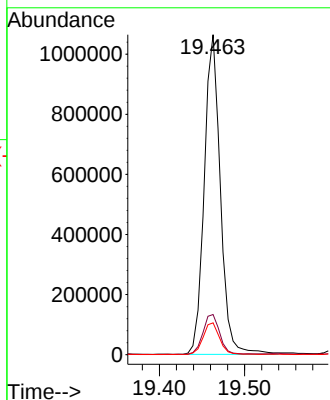
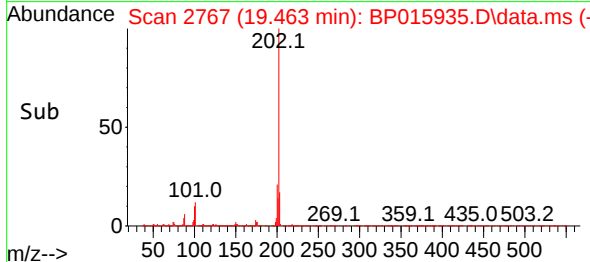
Instrument :
BNA_P
ClientSampleId :
DCGG7



Tgt Ion:202 Resp: 1399229
Ion Ratio Lower Upper
202 100
101 12.6 8.3 12.5#
100 10.0 6.6 9.8#

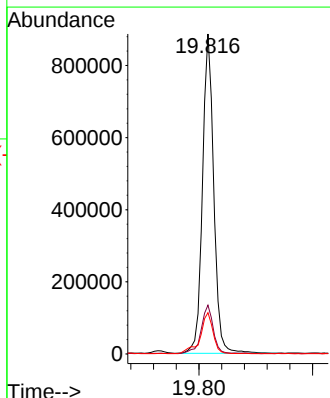
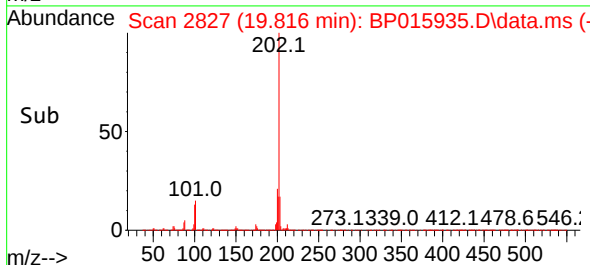
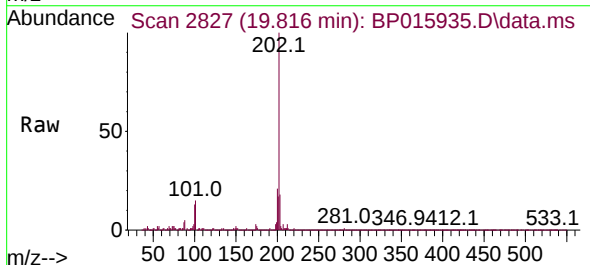
Manual Integrations
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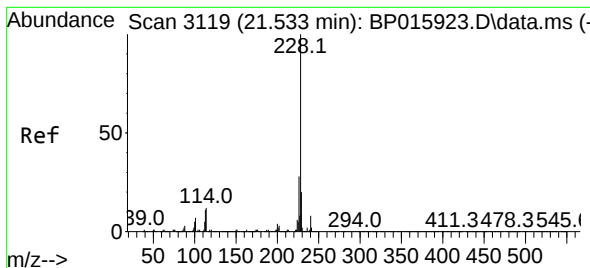
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#82
Pyrene
Concen: 11.566 ng/u1
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015935.D
Acq: 02 Jul 2023 21:25

Tgt Ion:202 Resp: 1218018
Ion Ratio Lower Upper
202 100
101 15.2 9.3 13.9#
100 12.9 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 8.096 ng/u1

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Instrument :

BNA_P

ClientSampleId :

DCGG7

Tgt Ion:228 Resp: 72448

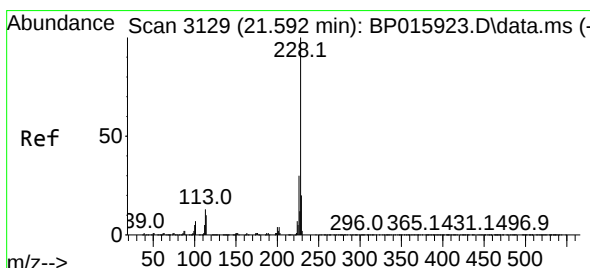
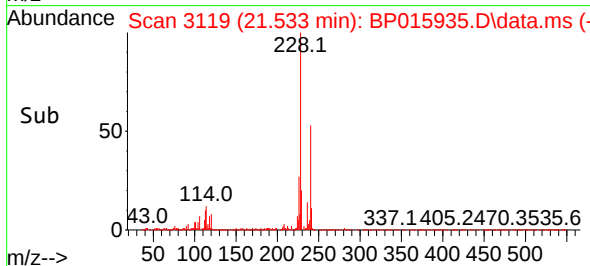
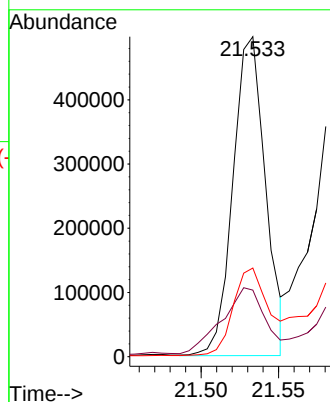
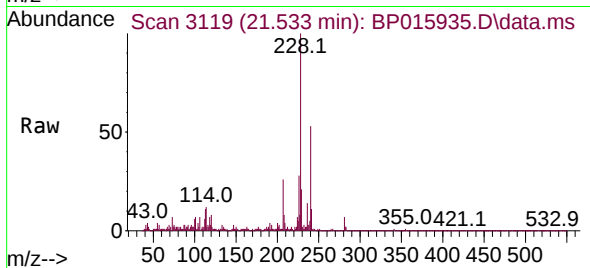
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.3	22.9
226	27.7	21.4	32.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#87

Chrysene

Concen: 9.565 ng/u1

RT: 21.586 min Scan# 3128

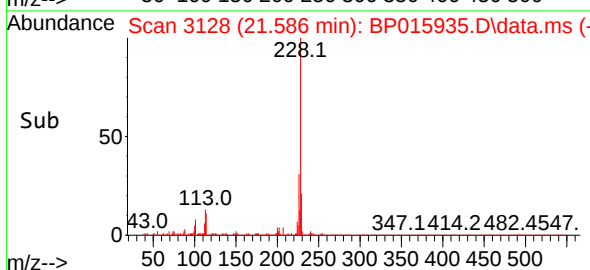
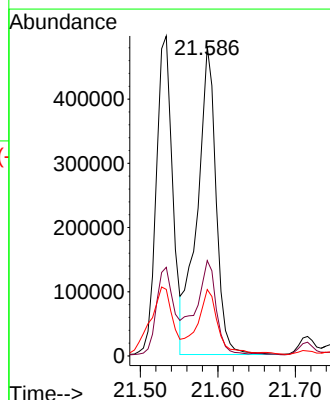
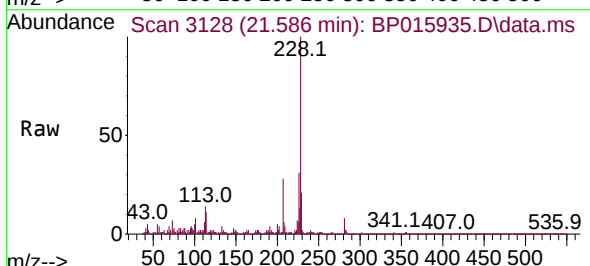
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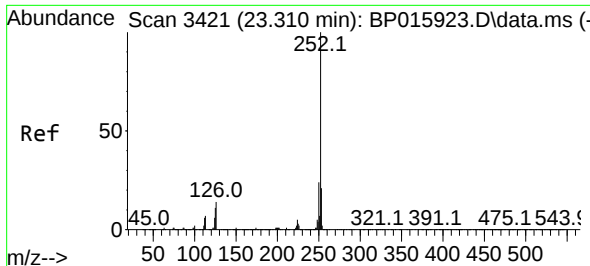
Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Tgt Ion:228 Resp: 812088

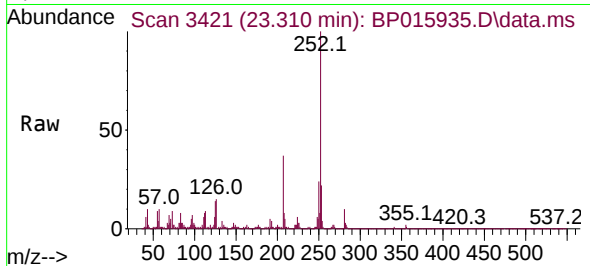
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	21.5	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 12.779 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015935.D
Acq: 02 Jul 2023 21:25

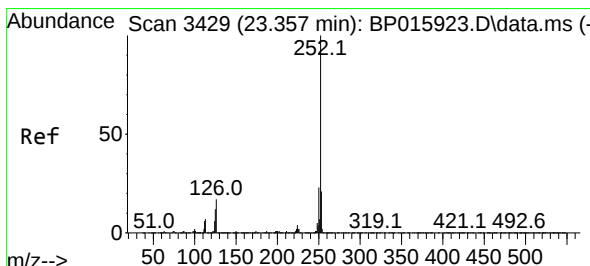
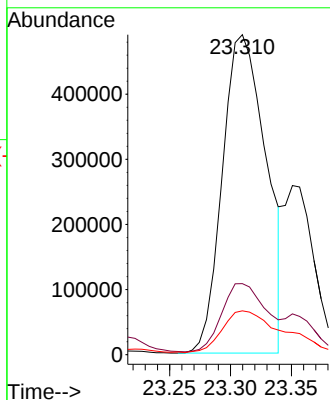
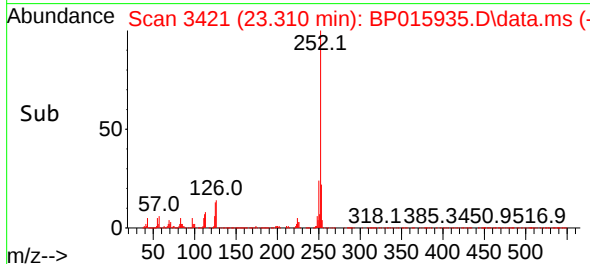
Instrument :
BNA_P
ClientSampleId :
DCGG7



Tgt Ion:252 Resp: 1221500
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 13.7 7.5 11.3

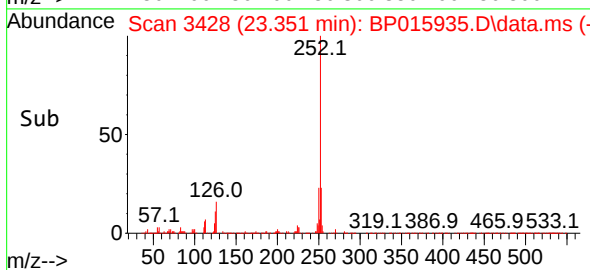
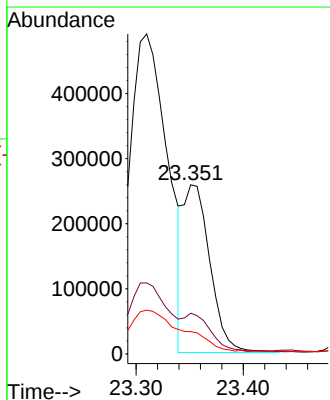
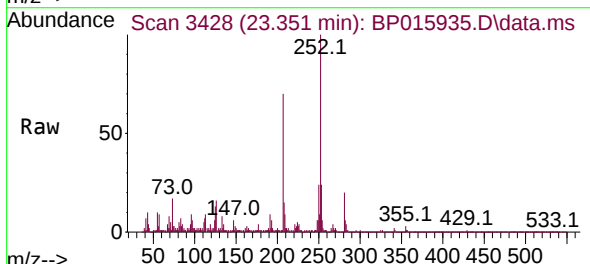
Manual Integrations
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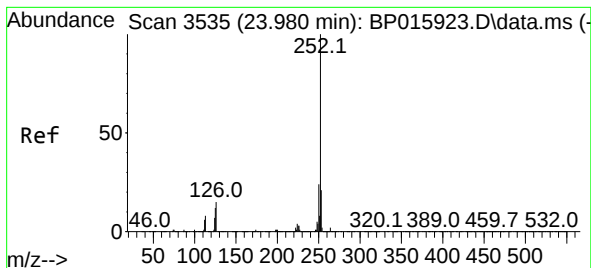
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#91
Benzo(k)fluoranthene
Concen: 4.627 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015935.D
Acq: 02 Jul 2023 21:25

Tgt Ion:252 Resp: 446922
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.4
125 13.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 9.726 ng/ul

RT: 23.974 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Instrument :

BNA_P

ClientSampleId :

DCGG7

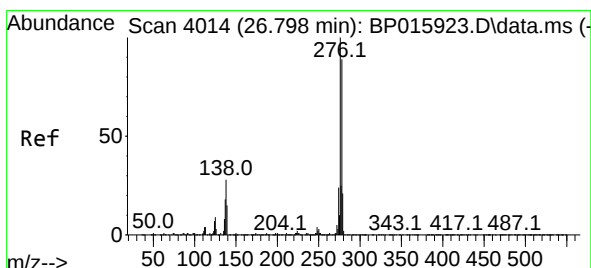
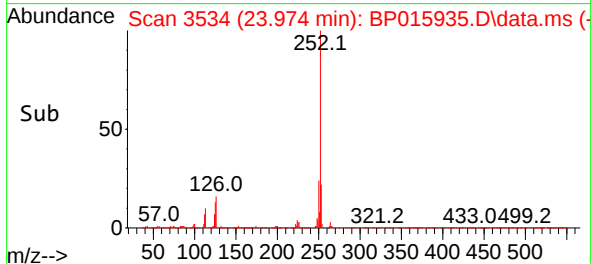
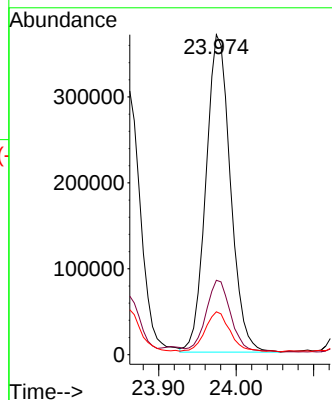
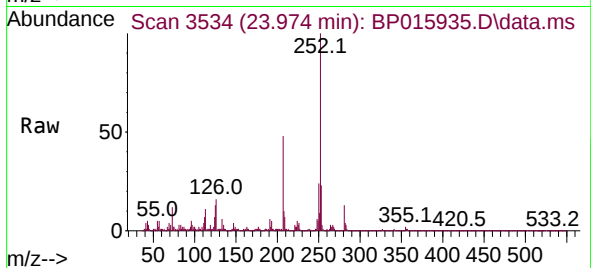
Tgt Ion:252 Resp: 812334
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.7 26.5
 125 13.4 8.2 12.2

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: 5.960 ng/ul

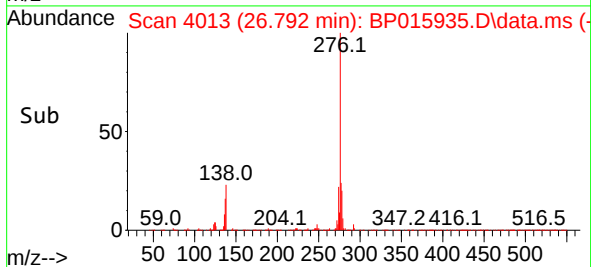
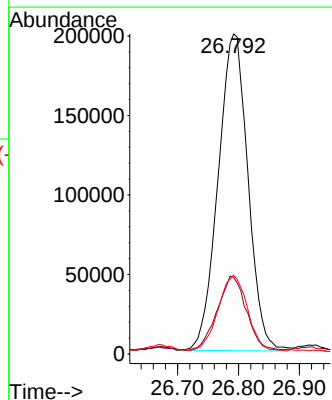
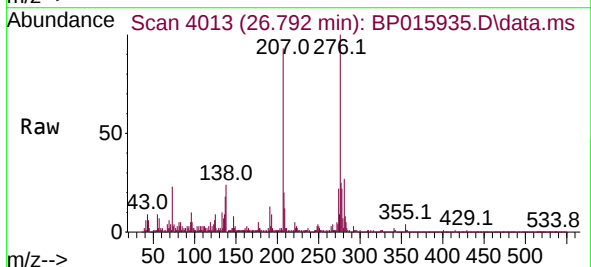
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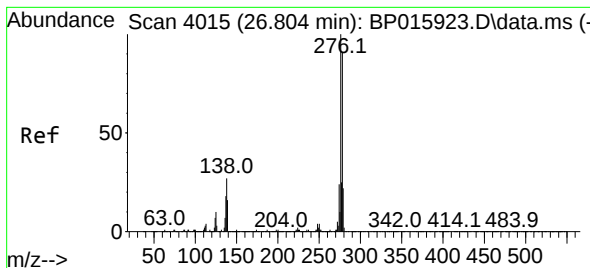
Delta R.T. 0.000 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Tgt Ion:276 Resp: 675808
 Ion Ratio Lower Upper
 276 100
 138 24.0 15.7 23.5#
 277 24.7 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.916 ng/ul

RT: 26.786 min Scan# 4015

Delta R.T. -0.011 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Instrument :

BNP_P

ClientSampleId :

DCGG7

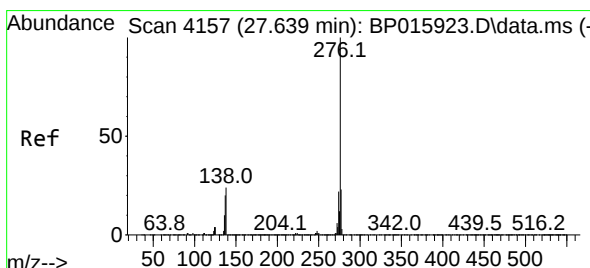
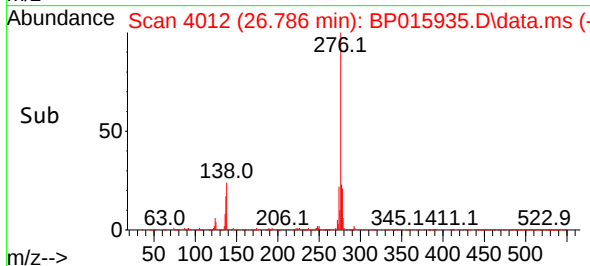
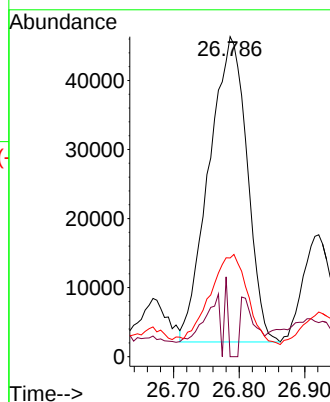
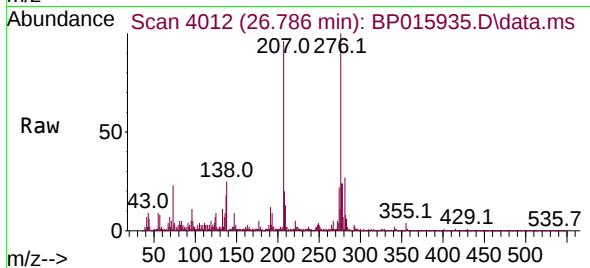
Tgt Ion:278 Resp: 17845
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.5 15.7
 279 30.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#96

Benzo(g,h,i)perylene

Concen: 6.586 ng/ul

RT: 27.627 min Scan# 4155

Delta R.T. 0.000 min

Lab File: BP015935.D

Acq: 02 Jul 2023 21:25

Tgt Ion:276 Resp: 614387
 Ion Ratio Lower Upper
 276 100
 138 25.5 15.1 22.7
 277 24.0 18.8 28.2

