

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015934.D
 Acq On : 02 Jul 2023 20:51
 Operator : MA/JU
 Sample : 03245-15
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH3

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 05:07:59 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

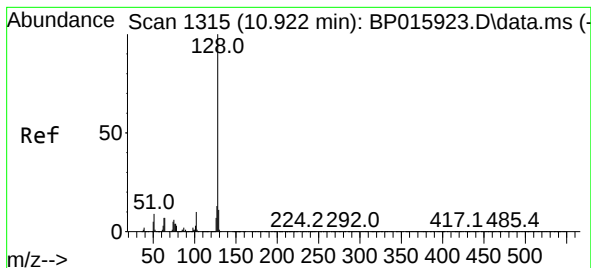
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	419083	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1789654	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	1002870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1775407	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1229576	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	1475848	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	36850	3.164	ng/uL	0.00
4) Pyridine-d5	3.858	84	16864	0.574	ng/ul	0.04
7) Phenol-d5	7.228	99	715592	19.957	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	507045	22.856	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	587980	21.723	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	502060	17.724	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	292230	21.366	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	320780	20.095	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	520600	18.301	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	259996	7.115	ng/ul	0.04
46) Dimethylphthalate-d6	14.104	166	1680039	21.674	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1865541	21.409	ng/ul	0.00
54) 4-Nitrophenol-d4	14.993	143	160235	15.665	ng/ul	0.04
60) Fluorene-d10	15.693	176	1327943	20.806	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	127580	11.685	ng/ul	0.01
73) Anthracene-d10	17.557	188	1681663	20.736	ng/ul	0.00
81) Pyrene-d10	19.786	212	1699398	21.166	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.922	264	1618089	21.734	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.922	128	187932	1.932	ng/ul	99
50) Acenaphthylene	14.422	152	141658	1.475	ng/ul	99
72) Phenanthrene	17.498	178	447742	4.642	ng/ul	99
74) Anthracene	17.598	178	121397	1.253	ng/ul	97
80) Fluoranthene	19.463	202	962330	9.644	ng/ul#	94
82) Pyrene	19.816	202	729961	7.172	ng/ul#	92
85) Benzo(a)anthracene	21.533	228	515409	5.959	ng/ul	98
87) Chrysene	21.586	228	536285	6.535	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	925077	9.755	ng/ul#	94
91) Benzo(k)fluoranthene	23.357	252	316820m	3.307	ng/ul	
93) Benzo(a)pyrene	23.974	252	581503	7.018	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	523884	4.657	ng/ul	96
95) Dibenzo(a,h)anthracene	26.786	278	137464	1.488	ng/ul#	84
96) Benzo(g,h,i)perylene	27.627	276	453290	4.898	ng/ul#	95

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

Manual Integrations

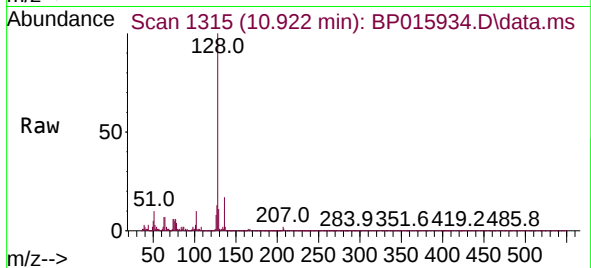
Quant Time: Jul 03 05:07:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.932 ng/ul
RT: 10.922 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP015934.D
Acq: 02 Jul 2023 20:51

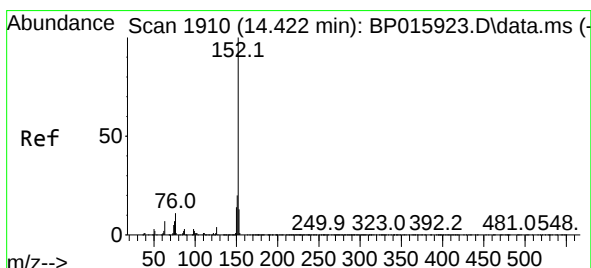
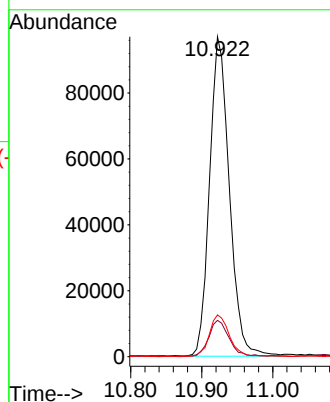
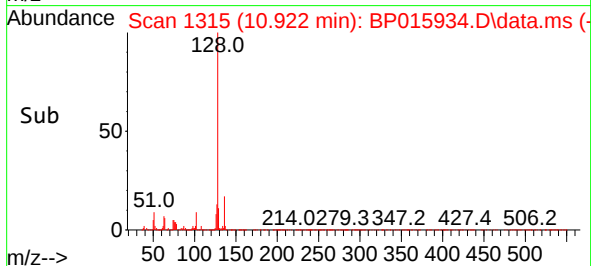
Instrument :
BNA_P
ClientSampleId :
DCGH3



Tgt Ion:128 Resp: 187932
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.1 10.3 15.5

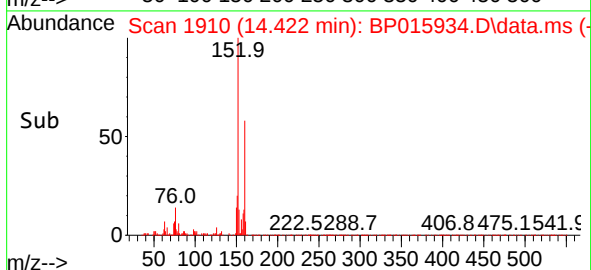
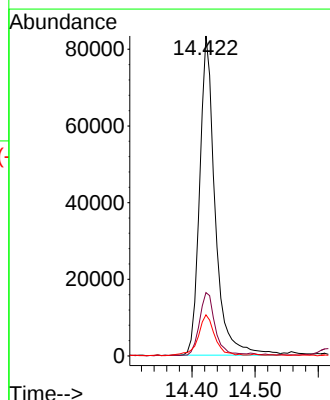
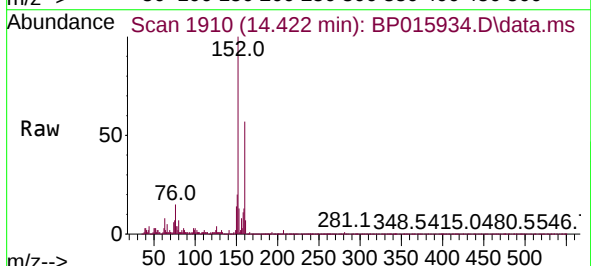
Manual Integrations
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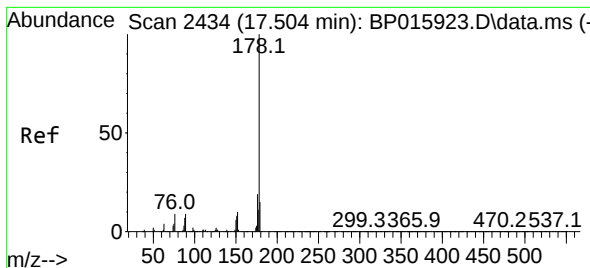
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#50
Acenaphthylene
Concen: 1.475 ng/ul
RT: 14.422 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP015934.D
Acq: 02 Jul 2023 20:51

Tgt Ion:152 Resp: 141658
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 12.9 10.5 15.7





#72

Phenanthrene

Concen: 4.642 ng/ul

RT: 17.498 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BP015934.D

Acq: 02 Jul 2023 20:51

Instrument :

BNA_P

ClientSampleId :

DCGH3

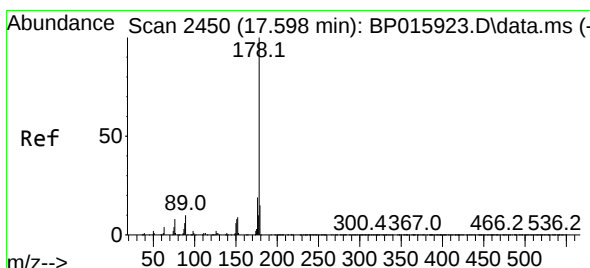
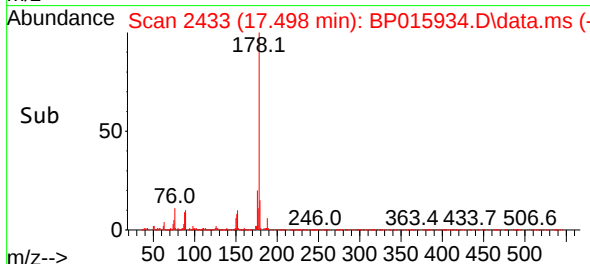
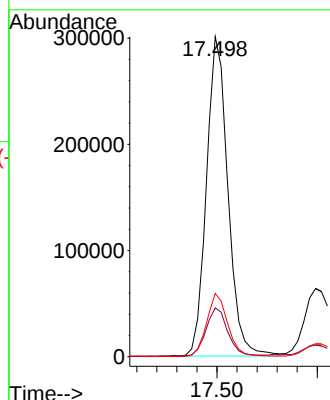
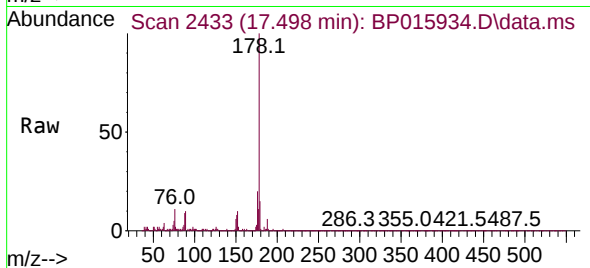
Tgt Ion:178	Resp: 44774
Ion Ratio	Lower Upper
178	100
179	15.2 12.4 18.6
176	19.7 15.6 23.4

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#74

Anthracene

Concen: 1.253 ng/ul

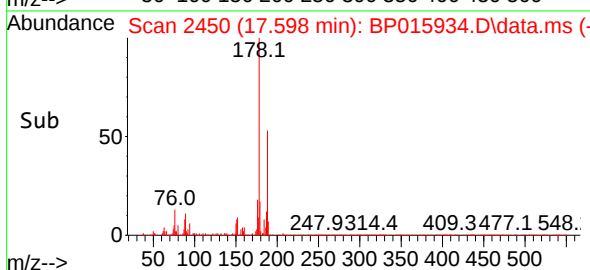
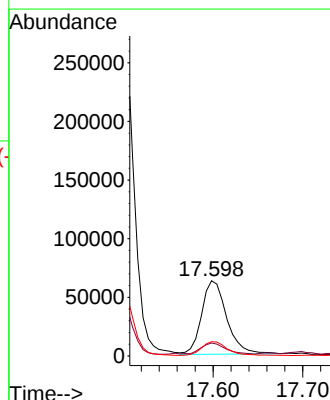
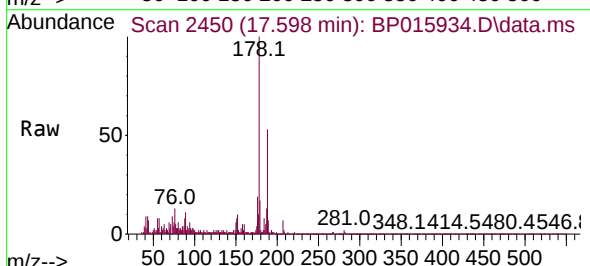
RT: 17.598 min Scan# 2450

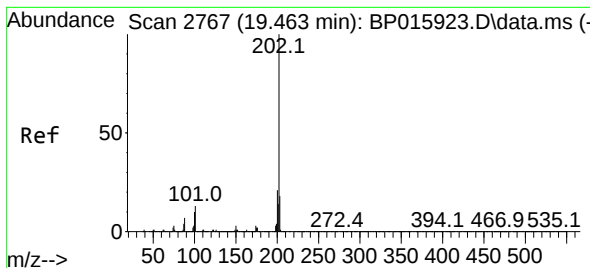
Delta R.T. 0.000 min

Lab File: BP015934.D

Acq: 02 Jul 2023 20:51

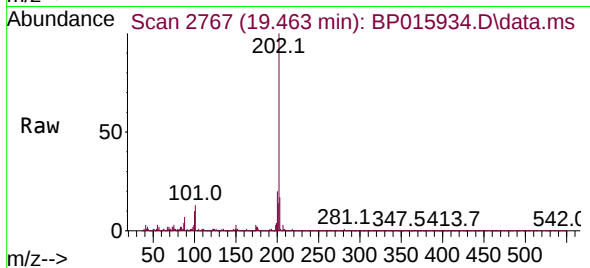
Tgt Ion:178	Resp: 121397
Ion Ratio	Lower Upper
178	100
179	17.2 12.1 18.1
176	18.8 14.6 22.0





#80
Fluoranthene
Concen: 9.644 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP015934.D
Acq: 02 Jul 2023 20:51

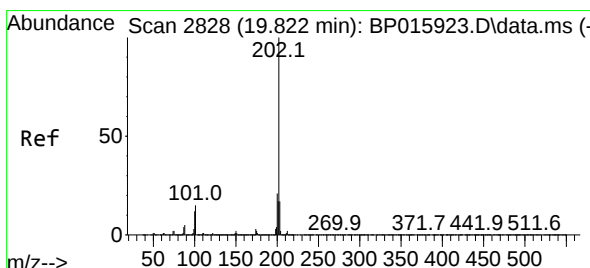
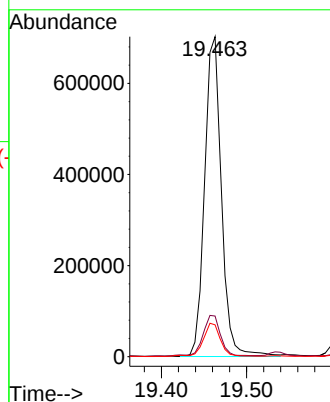
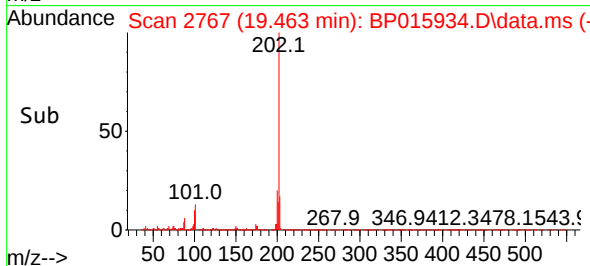
Instrument :
BNA_P
ClientSampleId :
DCGH3



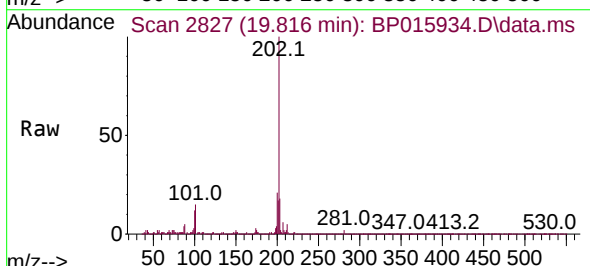
Tgt Ion:202 Resp: 962330
Ion Ratio Lower Upper
202 100
101 12.7 8.3 12.5
100 9.9 6.6 9.8

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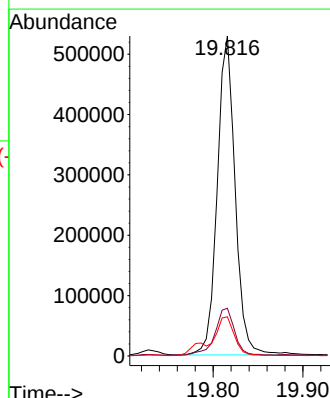
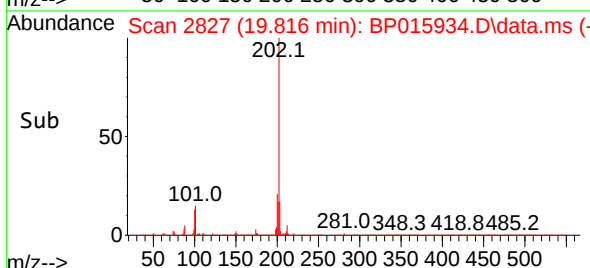
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

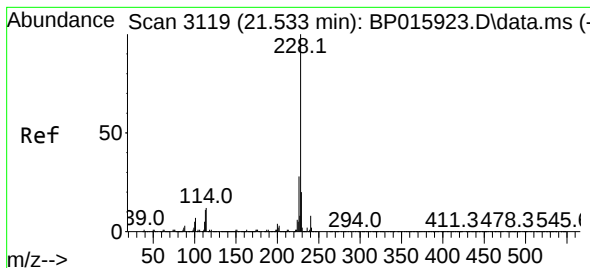


#82
Pyrene
Concen: 7.172 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015934.D
Acq: 02 Jul 2023 20:51



Tgt Ion:202 Resp: 729961
Ion Ratio Lower Upper
202 100
101 14.9 9.3 13.9#
100 12.3 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 5.959 ng/u1

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015934.D

Acq: 02 Jul 2023 20:51

Instrument :

BNP_P

ClientSampleId :

DCGH3

Tgt Ion:228 Resp: 515409

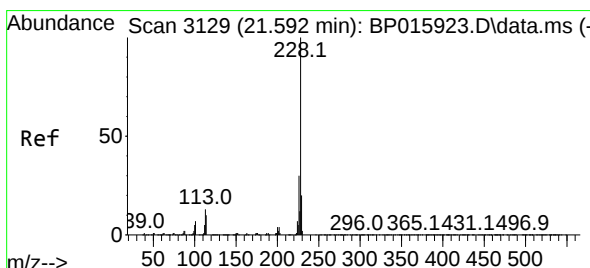
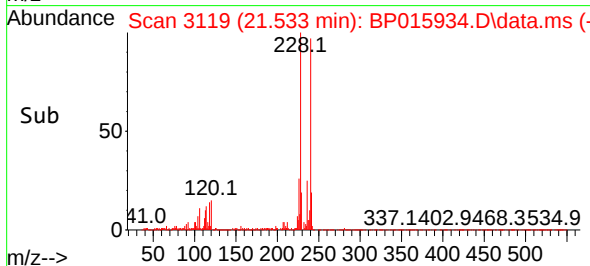
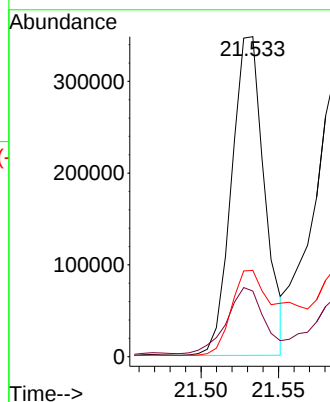
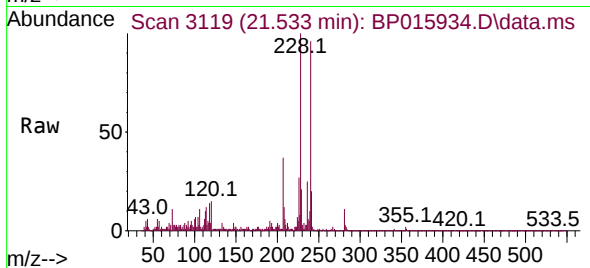
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.3	22.9
226	27.0	21.4	32.0

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#87

Chrysene

Concen: 6.535 ng/u1

RT: 21.586 min Scan# 3128

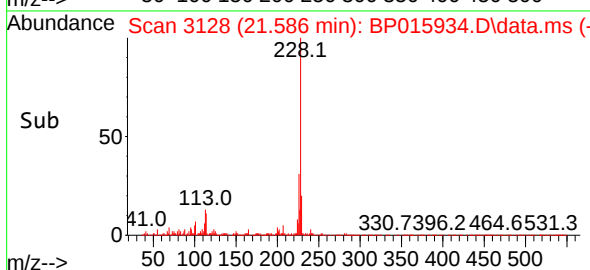
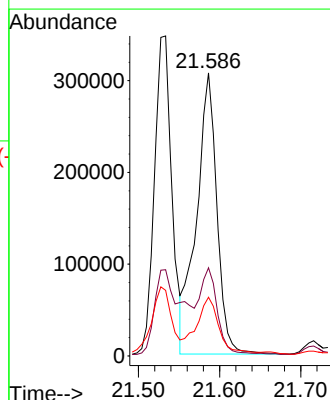
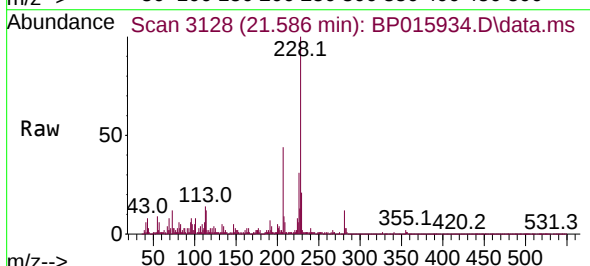
Delta R.T. 0.000 min

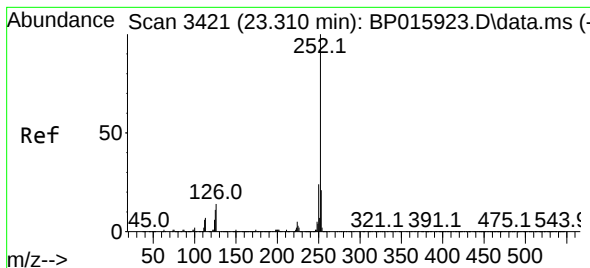
Lab File: BP015934.D

Acq: 02 Jul 2023 20:51

Tgt Ion:228 Resp: 536285

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	20.7	15.5	23.3





#90

Benzo(b)fluoranthene

Concen: 9.755 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015934.D

Acq: 02 Jul 2023 20:51

Instrument :

BNA_P

ClientSampleId :

DCGH3

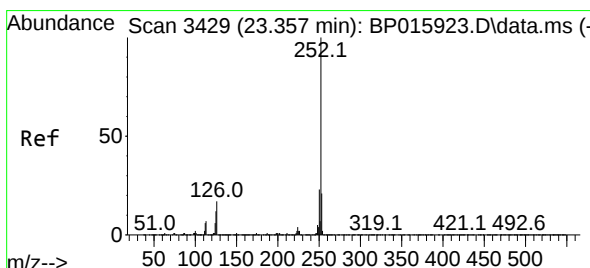
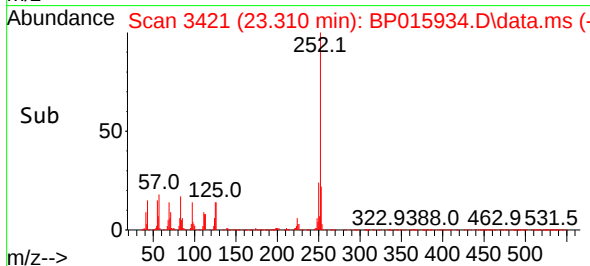
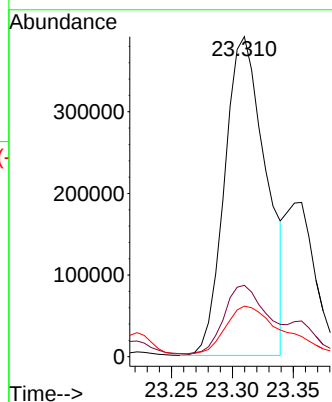
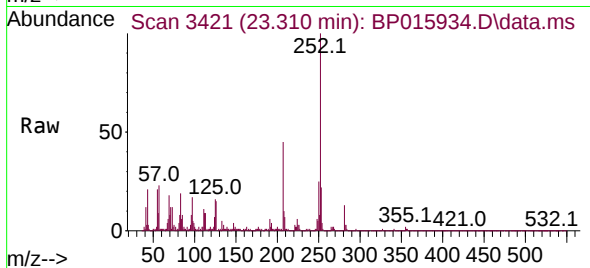
Tgt Ion:252 Resp: 92507
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.3 25.9
 125 15.8 7.5 11.3

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#91

Benzo(k)fluoranthene

Concen: 3.307 ng/ul m

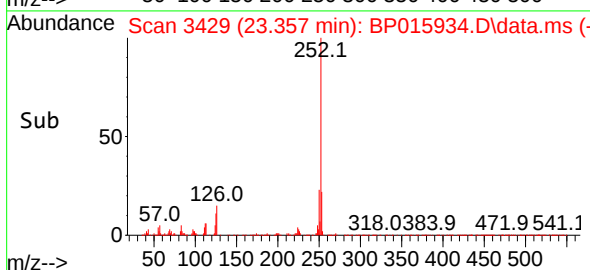
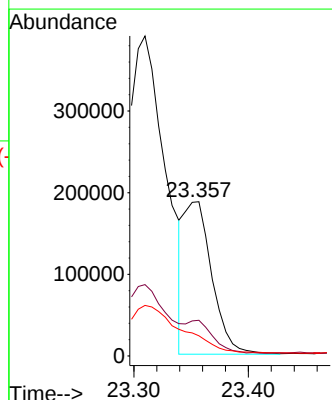
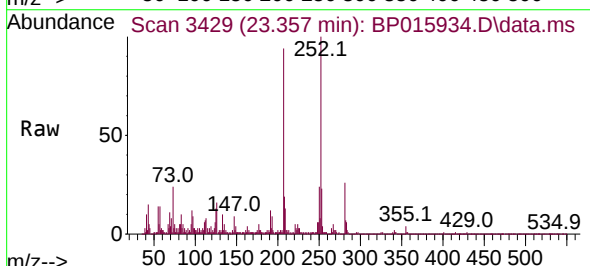
RT: 23.357 min Scan# 3429

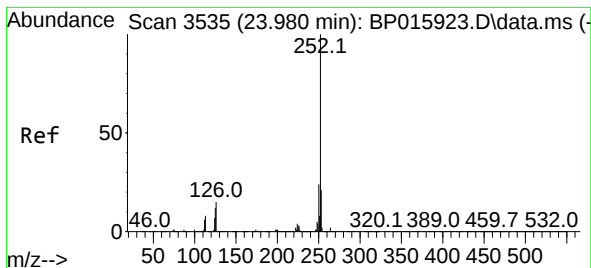
Delta R.T. 0.000 min

Lab File: BP015934.D

Acq: 02 Jul 2023 20:51

Tgt Ion:252 Resp: 316820
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.0 25.4
 125 13.1 7.3 10.9





#93

Benzo(a)pyrene

Concen: 7.018 ng/ul

RT: 23.974 min Scan# 3535

Delta R.T. -0.005 min

Lab File: BP015934.D

Acq: 02 Jul 2023 20:51

Instrument :

BNA_P

ClientSampleId :

DCGH3

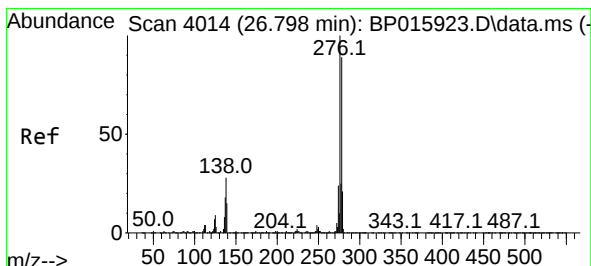
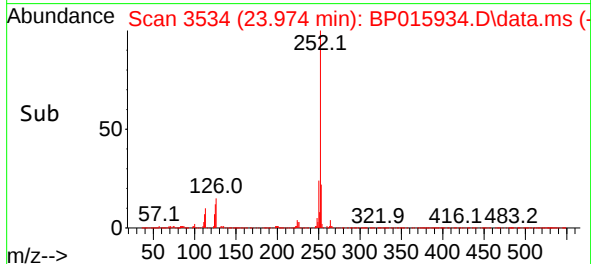
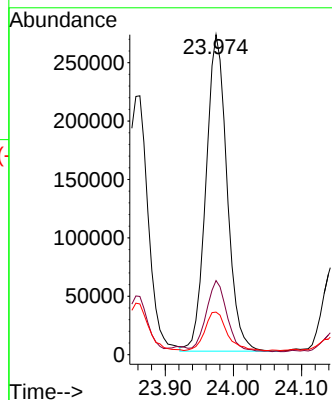
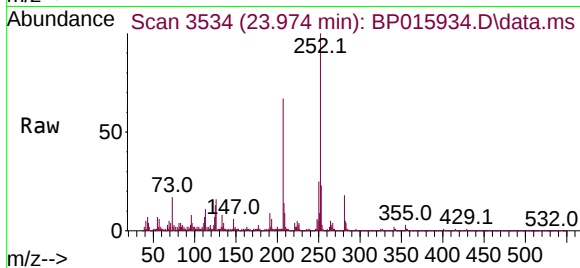
Tgt Ion:	252	Resp:	58150
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	13.3	8.2	12.2

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.657 ng/ul

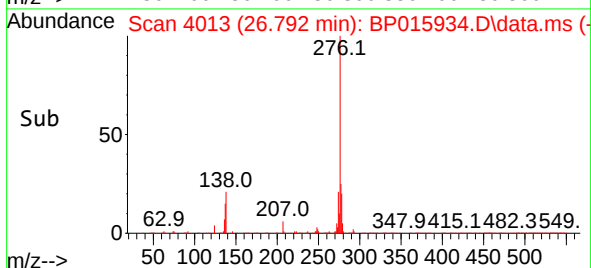
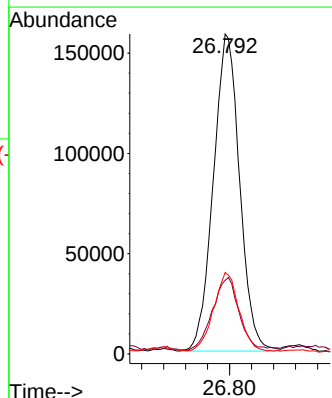
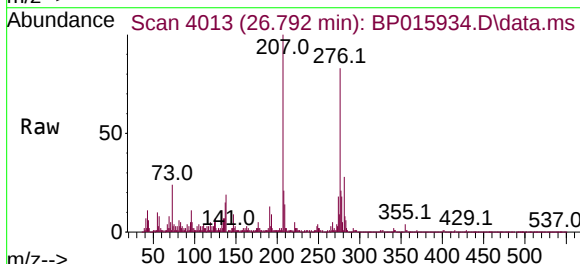
RT: 26.792 min Scan# 4013

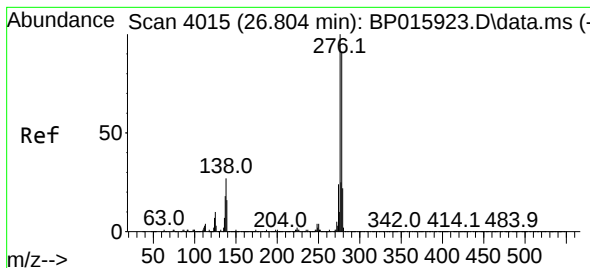
Delta R.T. 0.000 min

Lab File: BP015934.D

Acq: 02 Jul 2023 20:51

Tgt Ion:	276	Resp:	523884
Ion Ratio	Lower	Upper	
276	100		
138	23.0	15.7	23.5
277	25.5	19.6	29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.488 ng/ul

RT: 26.786 min Scan# 4015

Delta R.T. -0.011 min

Lab File: BP015934.D

Acq: 02 Jul 2023 20:51

Instrument :

BNA_P

ClientSampleId :

DCGH3

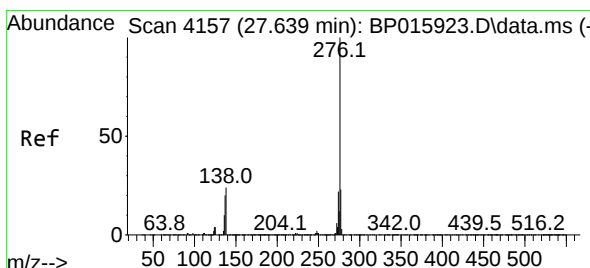
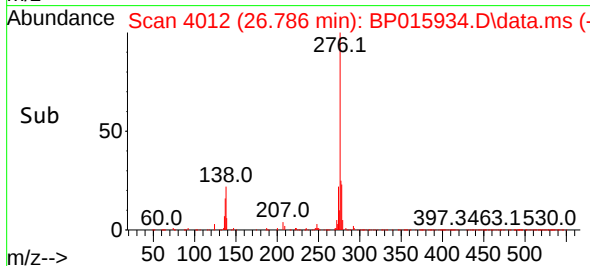
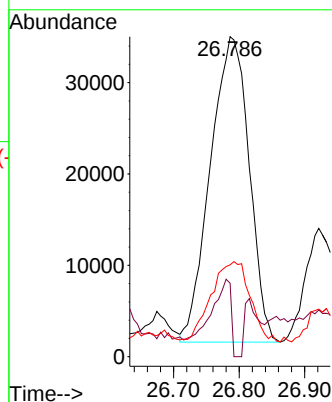
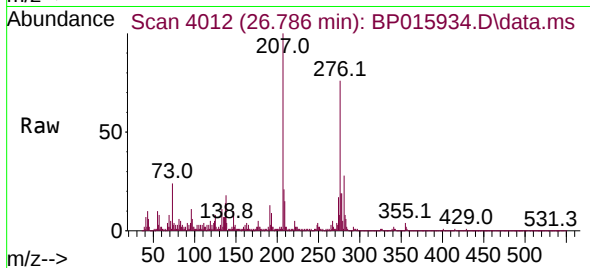
Tgt Ion:	278	Resp:	13746
Ion Ratio	Lower	Upper	
278	100		
139	22.9	10.5	15.7
279	28.7	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#96

Benzo(g,h,i)perylene

Concen: 4.898 ng/ul

RT: 27.627 min Scan# 4155

Delta R.T. 0.000 min

Lab File: BP015934.D

Acq: 02 Jul 2023 20:51

Tgt Ion:	276	Resp:	453290
Ion Ratio	Lower	Upper	
276	100		
138	22.9	15.1	22.7
277	24.1	18.8	28.2

