

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015983.D
 Acq On : 04 Jul 2023 19:06
 Operator : MA/JU
 Sample : 03245-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH7

Quant Time: Jul 04 23:30:22 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	350659	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1511227	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	867523	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1570236	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1084782	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	1282610	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	17986	1.845	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.246	99	353757	11.791	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	254058	13.687	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	296837	13.106	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	242052	10.212	ng/ul	0.02
21) Nitrobenzene-d5	9.240	128	145331	12.584	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	155515	11.537	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.563	165	251113	10.454	ng/ul	0.05
31) 4-Chloroaniline-d4	11.081	131	137348	4.451	ng/ul	0.05
46) Dimethylphthalate-d6	14.110	166	873671	13.030	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	968429	12.848	ng/ul	0.00
54) 4-Nitrophenol-d4	15.028	143	69021m	7.800	ng/ul	0.08
60) Fluorene-d10	15.698	176	687416	12.451	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	48142	4.985	ng/ul	0.03
73) Anthracene-d10	17.563	188	798354	11.131	ng/ul	0.00
81) Pyrene-d10	19.786	212	936188	13.217	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	849311	13.127	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	185022	2.169	ng/ul	99
80) Fluoranthene	19.463	202	487086	5.533	ng/ul#	94
82) Pyrene	19.816	202	373167	4.156	ng/ul#	91
85) Benzo(a)anthracene	21.527	228	245575	3.218	ng/ul#	95
87) Chrysene	21.586	228	263997	3.646	ng/ul	93
90) Benzo(b)fluoranthene	23.304	252	413378	5.016	ng/ul#	95
91) Benzo(k)fluoranthene	23.351	252	143628m	1.725	ng/ul	
93) Benzo(a)pyrene	23.974	252	255141	3.543	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.798	276	223697	2.288	ng/ul#	95
96) Benzo(g,h,i)perylene	27.627	276	195519	2.431	ng/ul#	91

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

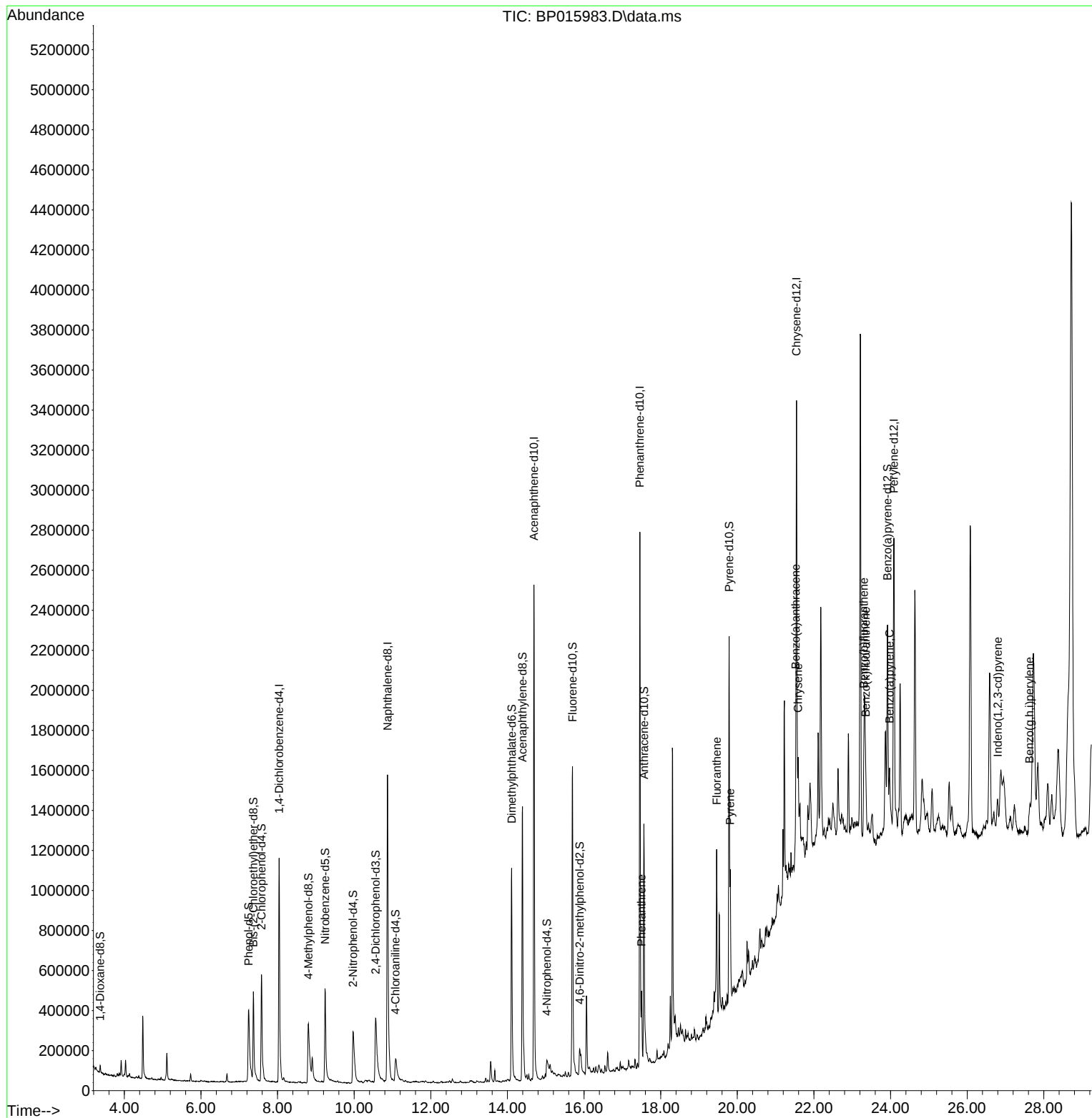
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
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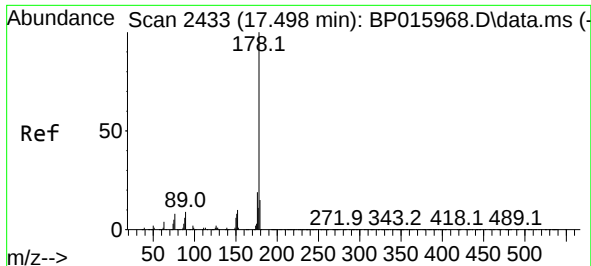
Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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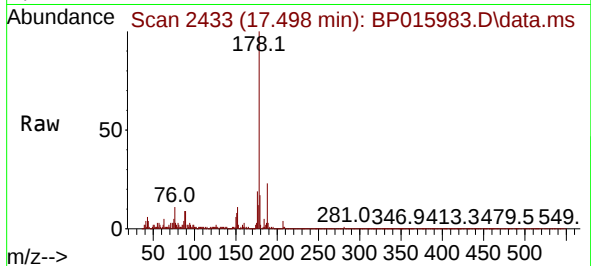
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#72
Phenanthrene
Concen: 2.169 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015983.D
Acq: 04 Jul 2023 19:06

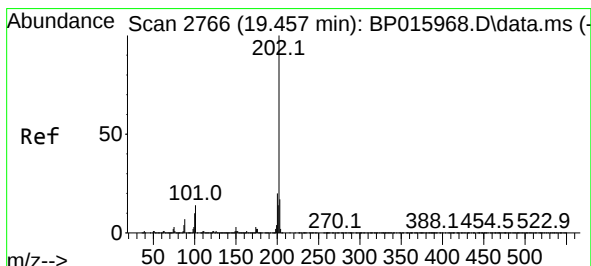
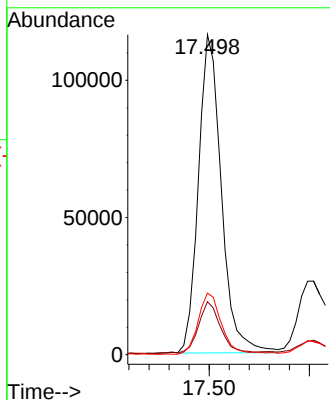
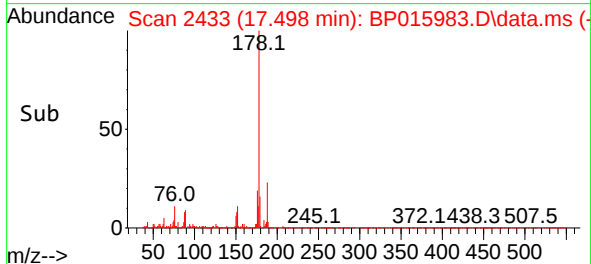
Instrument :
BNA_P
ClientSampleId :
DCGH7



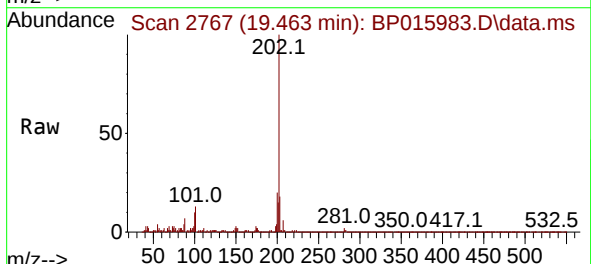
Tgt Ion:178 Resp: 185022
Ion Ratio Lower Upper
178 100
179 16.6 12.4 18.6
176 19.3 15.6 23.4

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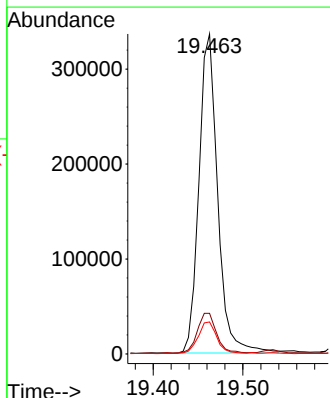
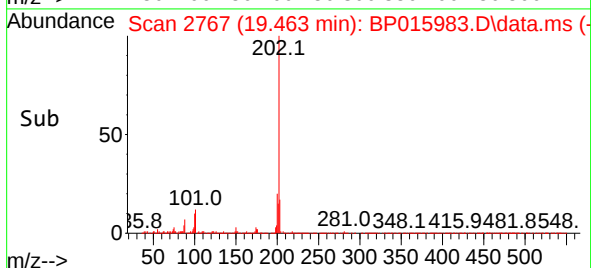
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

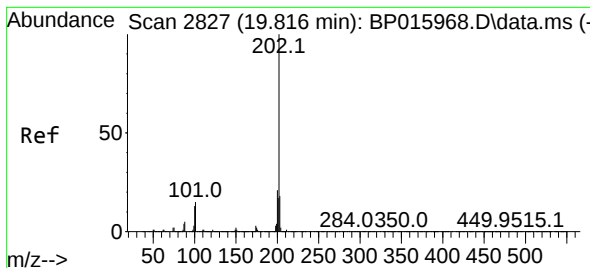


#80
Fluoranthene
Concen: 5.533 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP015983.D
Acq: 04 Jul 2023 19:06



Tgt Ion:202 Resp: 487086
Ion Ratio Lower Upper
202 100
101 12.7 8.3 12.5#
100 10.0 6.6 9.8#





#82

Pyrene

Concen: 4.156 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP015983.D

Acq: 04 Jul 2023 19:06

Instrument :

BNA_P

ClientSampleId :

DCGH7

Tgt Ion:202 Resp: 37316

Ion Ratio Lower Upper

202 100

101 15.0 9.3 13.9

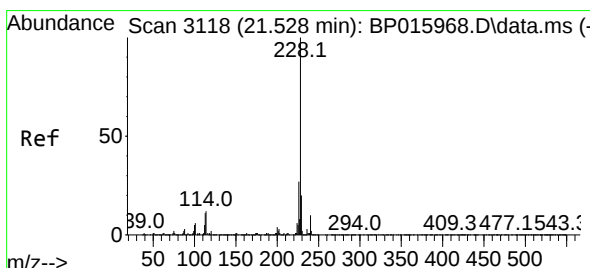
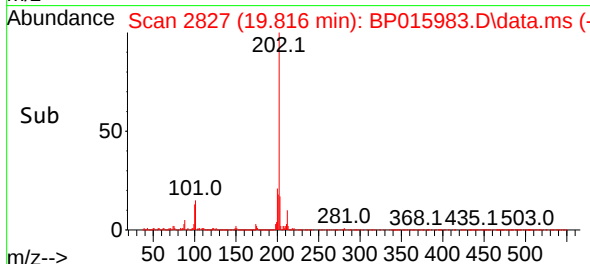
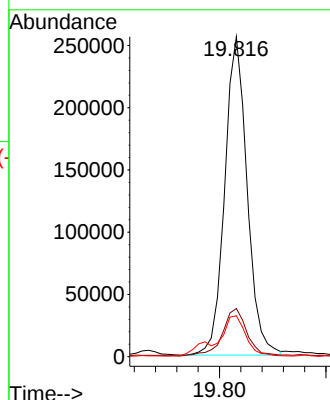
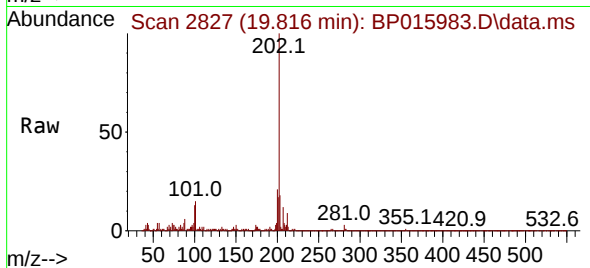
100 12.8 7.6 11.4

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 3.218 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP015983.D

Acq: 04 Jul 2023 19:06

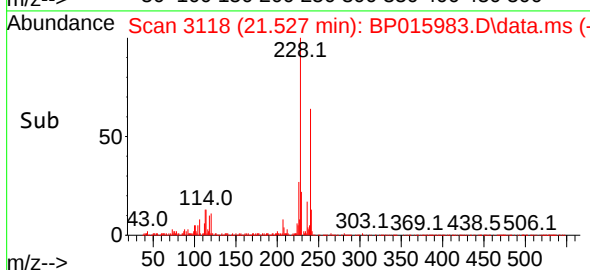
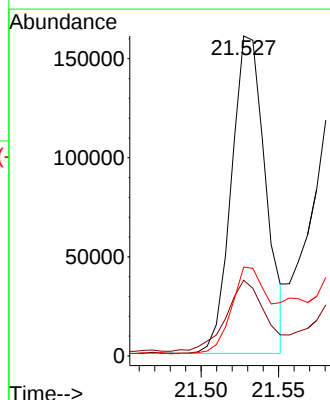
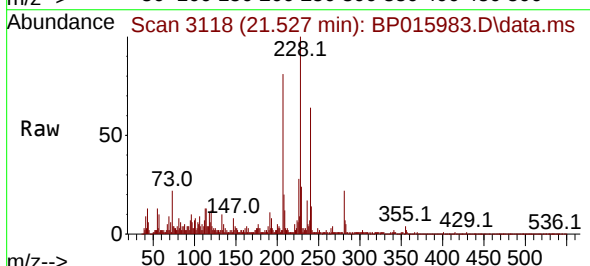
Tgt Ion:228 Resp: 245575

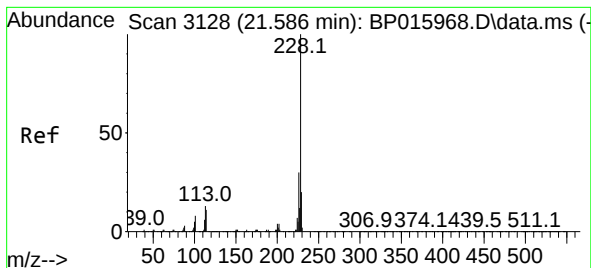
Ion Ratio Lower Upper

228 100

229 23.6 15.3 22.9

226 27.8 21.4 32.0





#87

Chrysene

Concen: 3.646 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP015983.D

Acq: 04 Jul 2023 19:06

Instrument :

BNA_P

ClientSampleId :

DCGH7

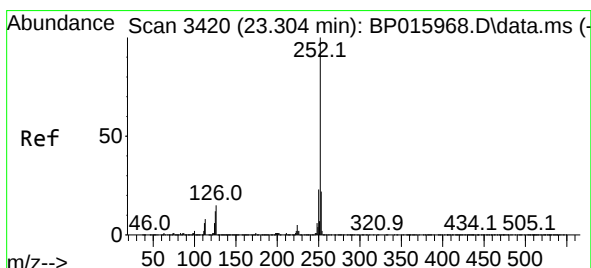
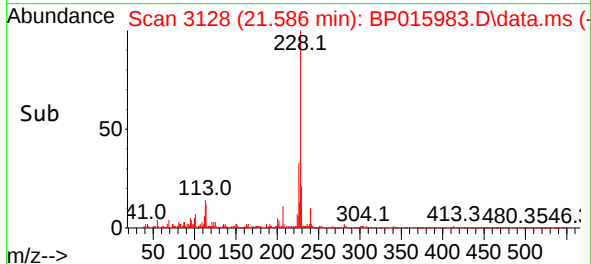
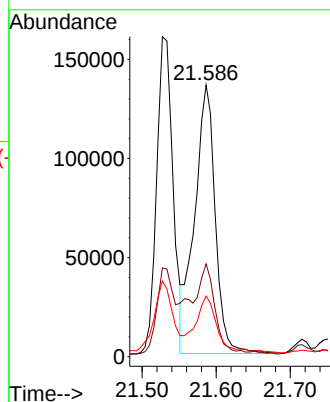
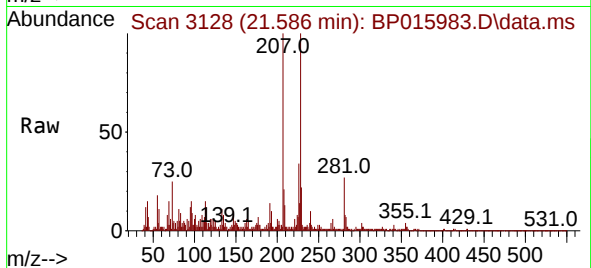
Tgt Ion:228 Resp: 263997
 Ion Ratio Lower Upper
 228 100
 226 34.1 24.3 36.5
 229 22.3 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 5.016 ng/ul

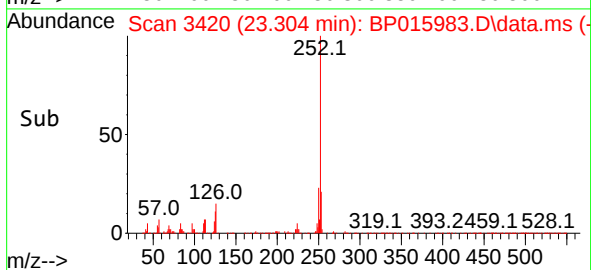
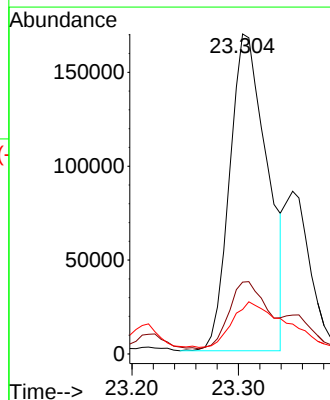
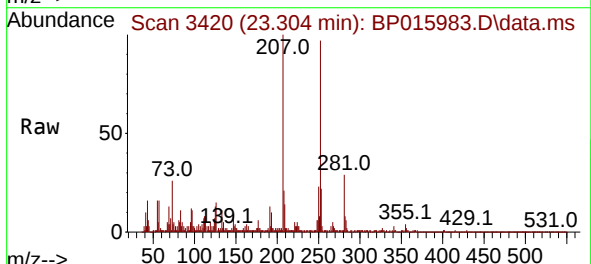
RT: 23.304 min Scan# 3420

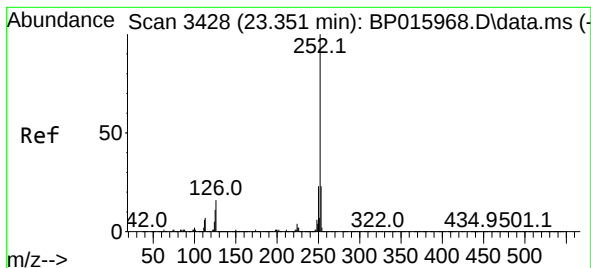
Delta R.T. -0.006 min

Lab File: BP015983.D

Acq: 04 Jul 2023 19:06

Tgt Ion:252 Resp: 413378
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.3 25.9
 125 13.9 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.725 ng/ul m

RT: 23.351 min Scan# 3428

Delta R.T. -0.006 min

Lab File: BP015983.D

Acq: 04 Jul 2023 19:06

Instrument :

BNA_P

ClientSampleId :

DCGH7

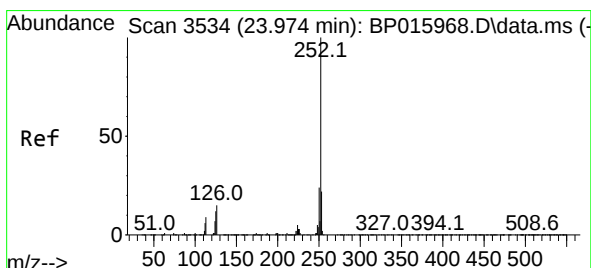
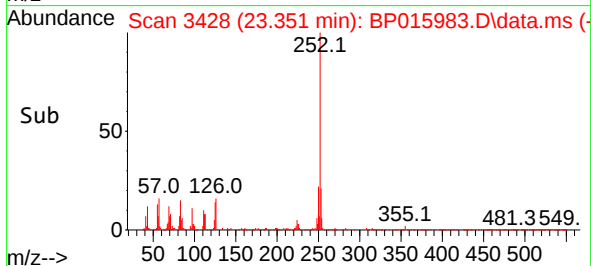
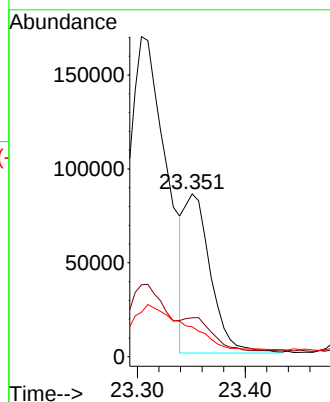
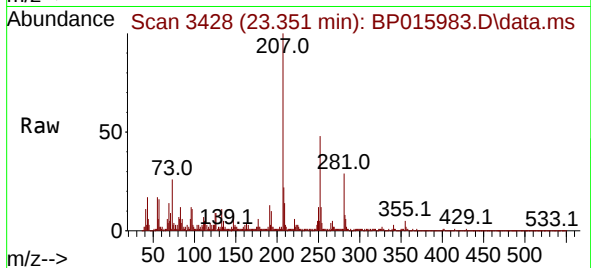
Tgt Ion:252 Resp: 143628
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.0 25.4
 125 18.4 7.3 10.9

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 3.543 ng/ul

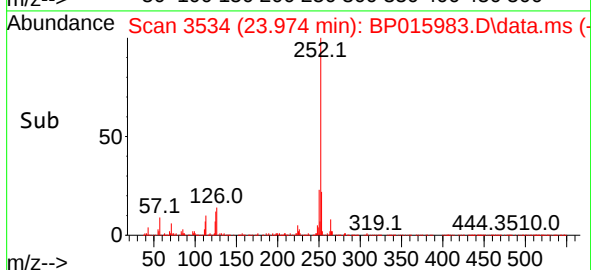
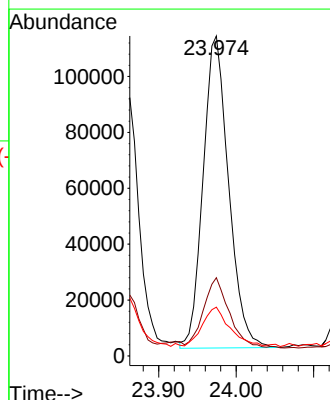
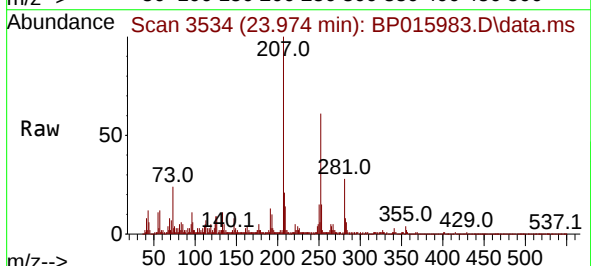
RT: 23.974 min Scan# 3534

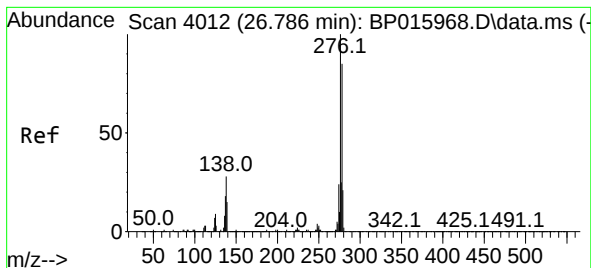
Delta R.T. -0.006 min

Lab File: BP015983.D

Acq: 04 Jul 2023 19:06

Tgt Ion:252 Resp: 255141
 Ion Ratio Lower Upper
 252 100
 253 24.5 17.7 26.5
 125 15.3 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.288 ng/ul

RT: 26.798 min Scan# 4012

Delta R.T. 0.006 min

Lab File: BP015983.D

Acq: 04 Jul 2023 19:06

Instrument :

BNA_P

ClientSampleId :

DCGH7

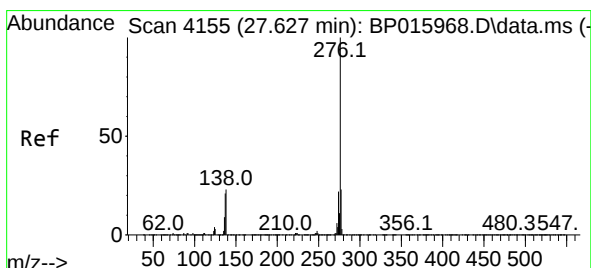
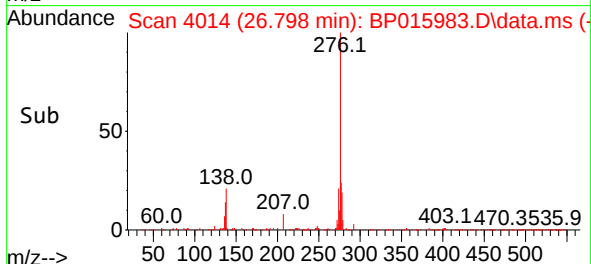
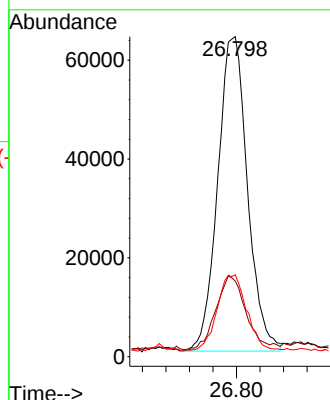
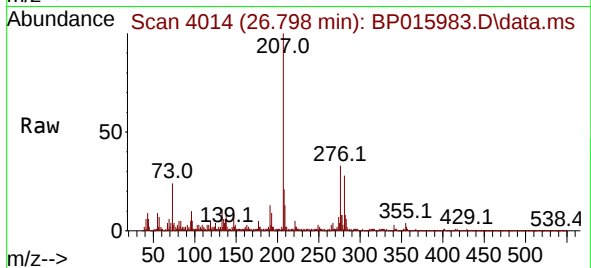
Tgt Ion:	276	Resp:	22369
Ion Ratio	Lower	Upper	
276	100		
138	23.7	15.7	23.5
277	25.6	19.6	29.4

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 2.431 ng/ul

RT: 27.627 min Scan# 4155

Delta R.T. 0.000 min

Lab File: BP015983.D

Acq: 04 Jul 2023 19:06

Tgt Ion:	276	Resp:	195519
Ion Ratio	Lower	Upper	
276	100		
138	25.0	15.1	22.7
277	25.7	18.8	28.2

