

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015978.D
 Acq On : 04 Jul 2023 16:16
 Operator : MA/JU
 Sample : 03244-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGA6

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:09:36 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	327996	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1416826	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.692	164	841327	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1613342	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	1082505	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	1213292	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	41187	4.518	ng/uL	0.00
4) Pyridine-d5	3.817	84	451879	19.663	ng/u1	0.00
7) Phenol-d5	7.228	99	757101	26.978	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	522202	30.077	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	615930	29.075	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	517977	23.364	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	301998	27.891	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	343545	27.185	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	562218	24.965	ng/u1	0.02
31) 4-Chloroaniline-d4	11.040	131	684126	23.648	ng/u1	0.01
46) Dimethylphthalate-d6	14.104	166	1920083	29.527	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	2152979	29.452	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	176071m	20.518	ng/u1	0.05
60) Fluorene-d10	15.692	176	1568348	29.291	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	167962	16.928	ng/u1	0.01
73) Anthracene-d10	17.557	188	1981305	26.885	ng/u1	0.00
81) Pyrene-d10	19.786	212	2236520	31.641	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	1864714	30.467	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	128097	1.462	ng/u1	99
80) Fluoranthene	19.463	202	308208	3.508	ng/u1#	94
82) Pyrene	19.816	202	245502	2.740	ng/u1#	90
85) Benzo(a)anthracene	21.533	228	124884	1.640	ng/u1#	95
87) Chrysene	21.586	228	151681	2.099	ng/u1	94
90) Benzo(b)fluoranthene	23.310	252	231458	2.969	ng/u1#	90
91) Benzo(k)fluoranthene	23.357	252	90890m	1.154	ng/u1	
93) Benzo(a)pyrene	23.974	252	151767	2.228	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	26.792	276	130162	1.408	ng/u1#	90
96) Benzo(g,h,i)perylene	27.639	276	120839	1.588	ng/u1#	95

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

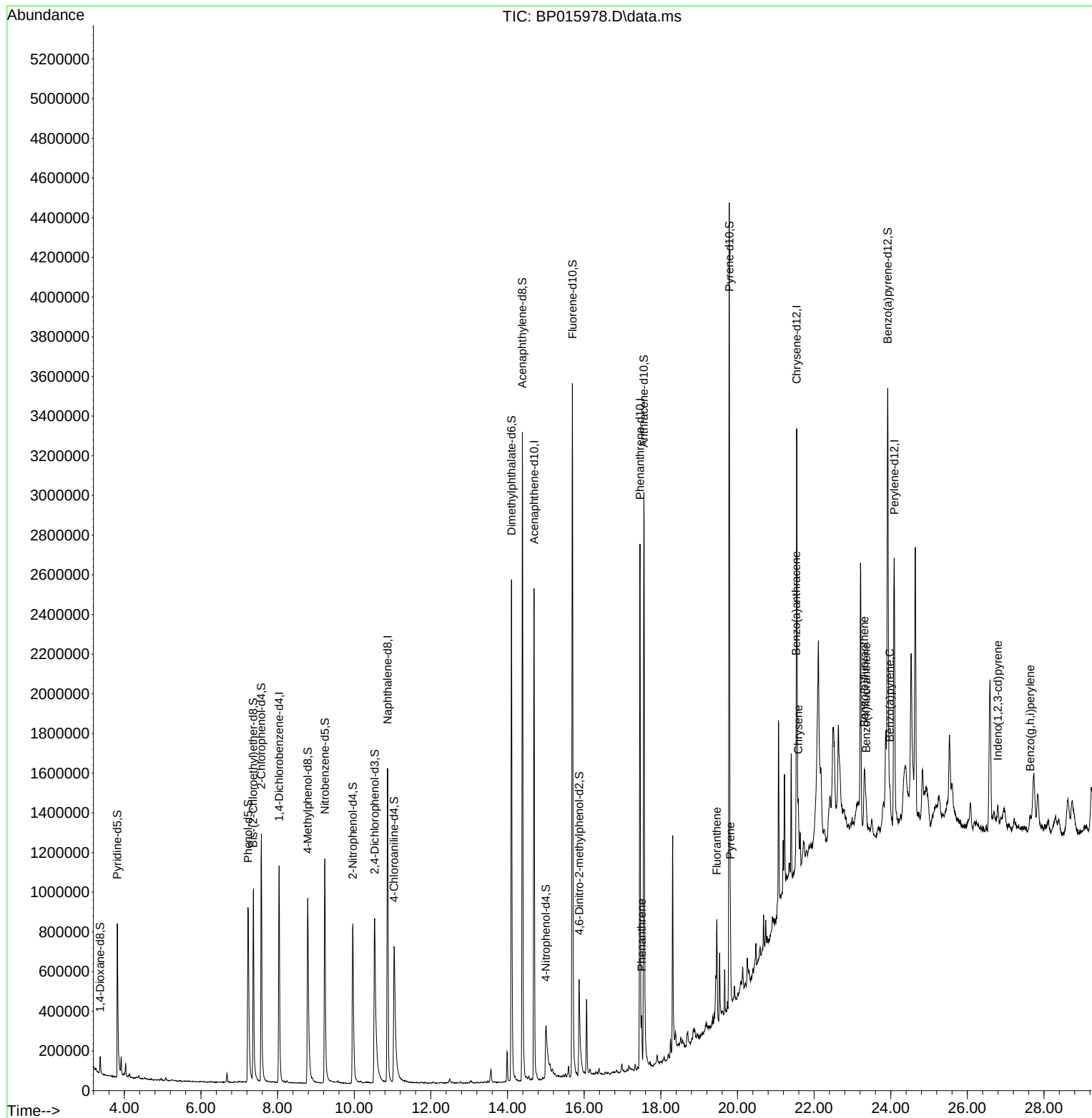
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015978.D
Acq On : 04 Jul 2023 16:16
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Sample : 03244-01
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ALS Vial : 24 Sample Multiplier: 1

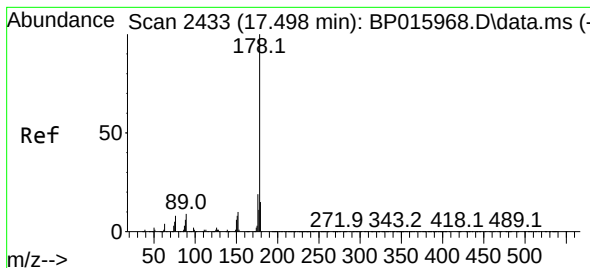
Instrument :
BNA_P
ClientSampleId :
DCGA6

Quant Time: Jul 04 23:09:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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#72

Phenanthrene

Concen: 1.462 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Instrument :

BNA_P

ClientSampleId :

DCGA6

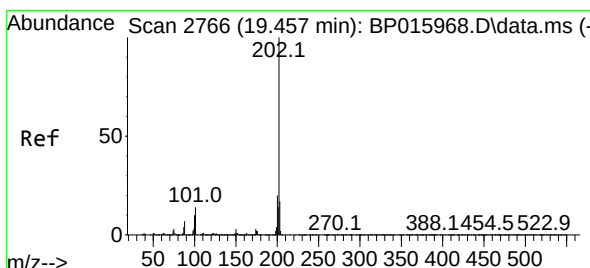
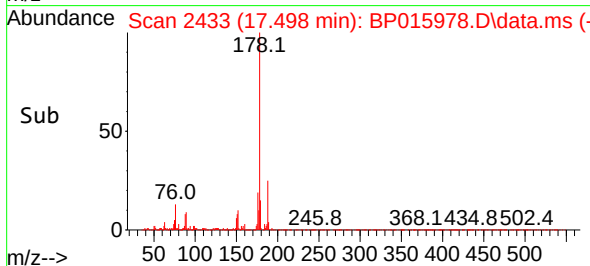
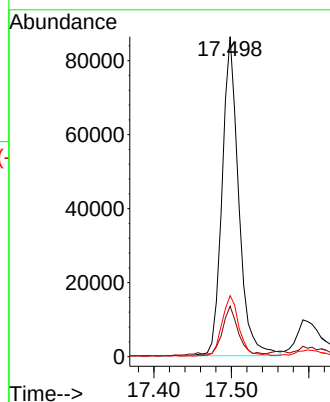
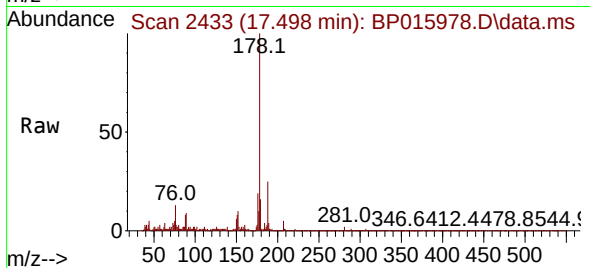
Tgt Ion:178	Resp: 12809
Ion Ratio	Lower Upper
178 100	
179 15.7	12.4 18.6
176 19.0	15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 3.508 ng/ul

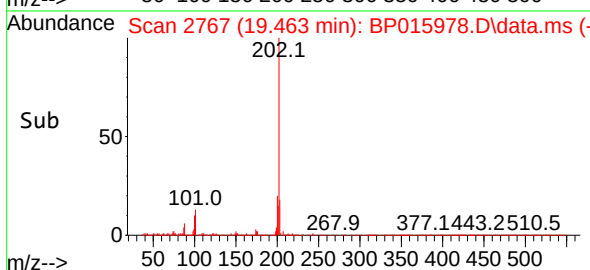
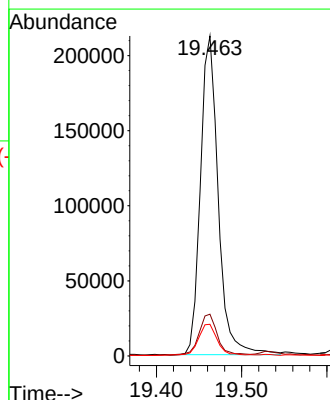
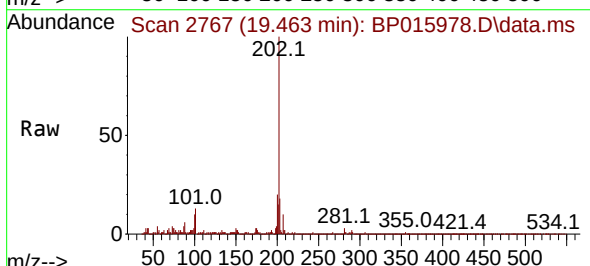
RT: 19.463 min Scan# 2767

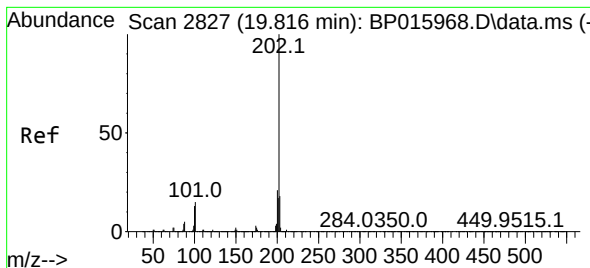
Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Tgt Ion:202	Resp: 308208
Ion Ratio	Lower Upper
202 100	
101 13.0	8.3 12.5#
100 9.9	6.6 9.8#





#82

Pyrene

Concen: 2.740 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Instrument :

BNA_P

ClientSampleId :

DCGA6

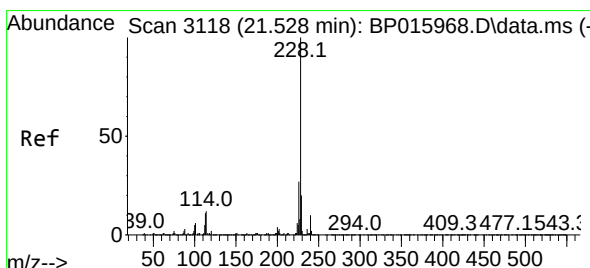
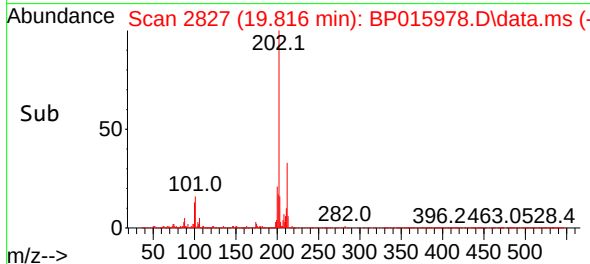
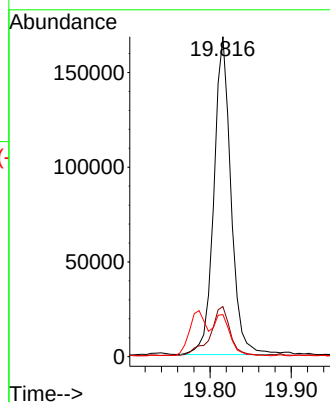
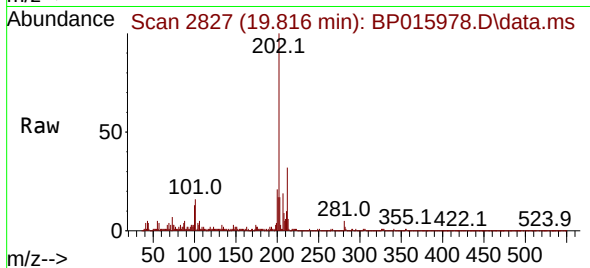
Tgt Ion:	202	Resp:	24550
Ion Ratio	Lower	Upper	
202	100		
101	15.7	9.3	13.9
100	13.2	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 1.640 ng/ul

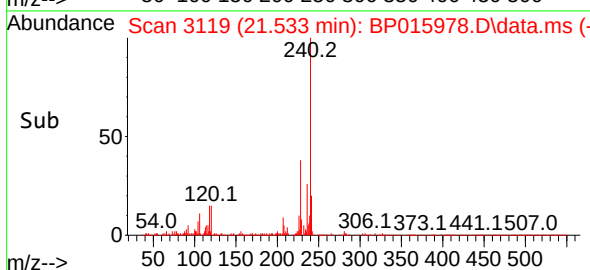
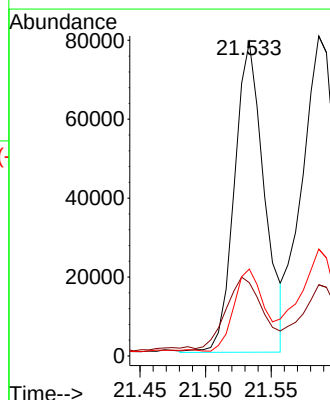
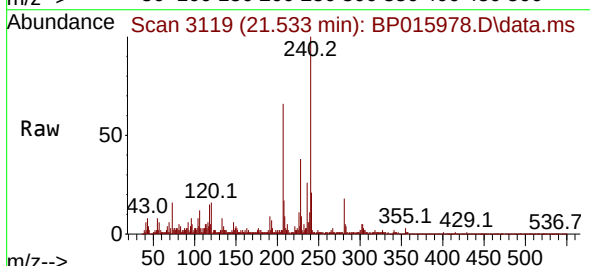
RT: 21.533 min Scan# 3119

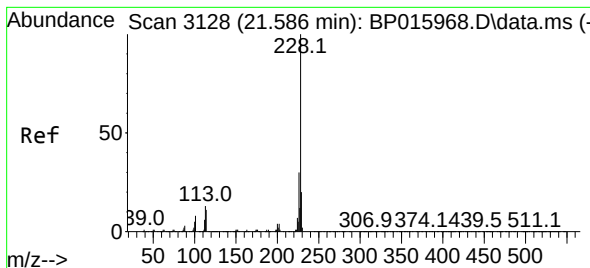
Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Tgt Ion:	228	Resp:	124884
Ion Ratio	Lower	Upper	
228	100		
229	23.4	15.3	22.9
226	27.7	21.4	32.0





#87

Chrysene

Concen: 2.099 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Instrument :

BNA_P

ClientSampleId :

DCGA6

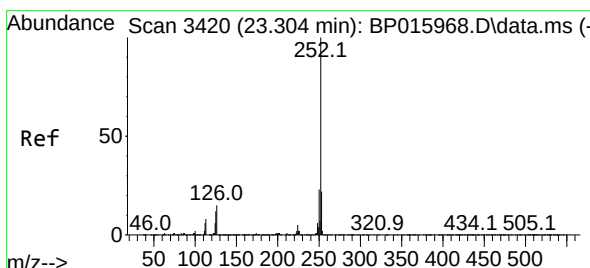
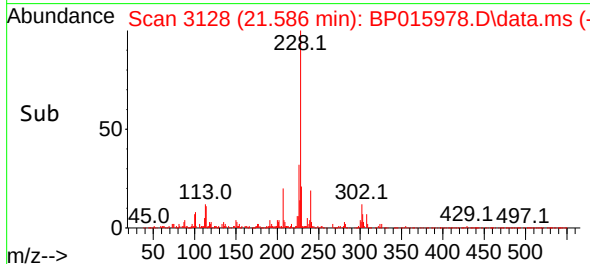
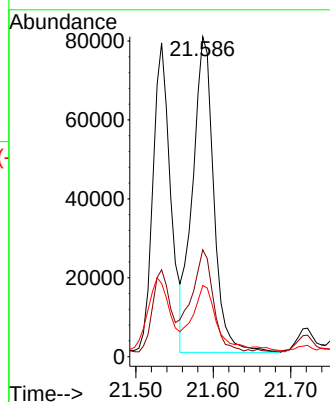
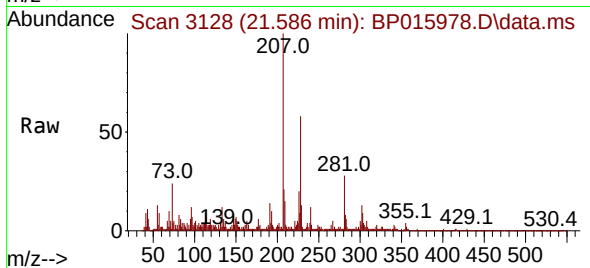
Tgt Ion:228 Resp: 15168
 Ion Ratio Lower Upper
 228 100
 226 33.4 24.3 36.5
 229 22.2 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 2.969 ng/ul

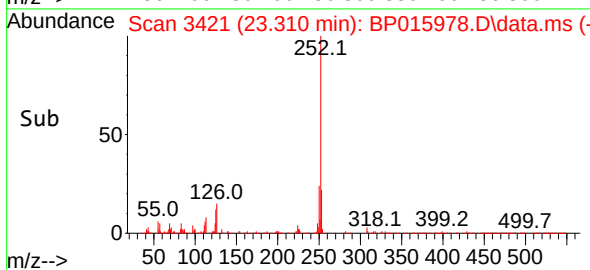
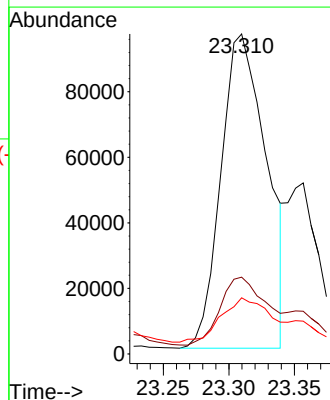
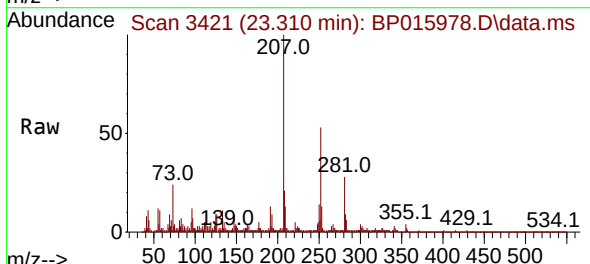
RT: 23.310 min Scan# 3421

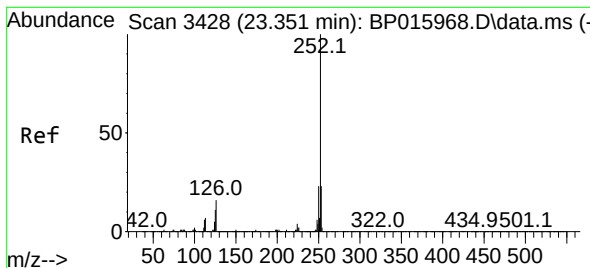
Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Tgt Ion:252 Resp: 231458
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.3 25.9
 125 17.6 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.154 ng/ul m

RT: 23.357 min Scan# 3428

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Instrument :

BNA_P

ClientSampleId :

DCGA6

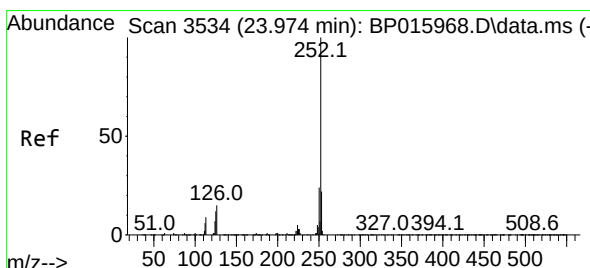
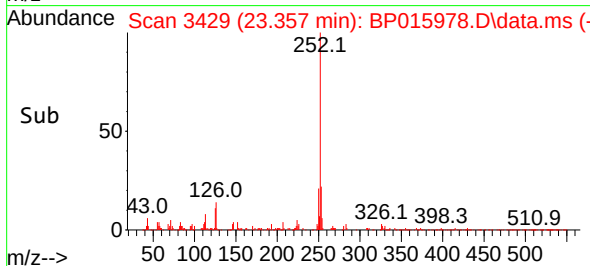
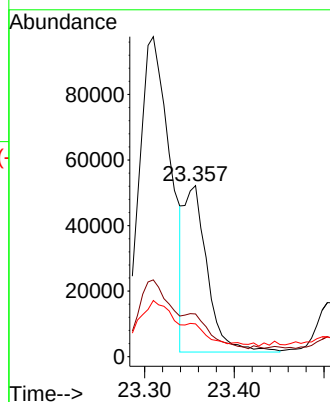
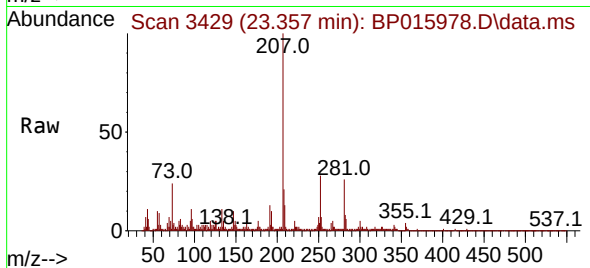
Tgt Ion:	252	Resp:	90890
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.0	25.4
125	19.2	7.3	10.9

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.228 ng/ul

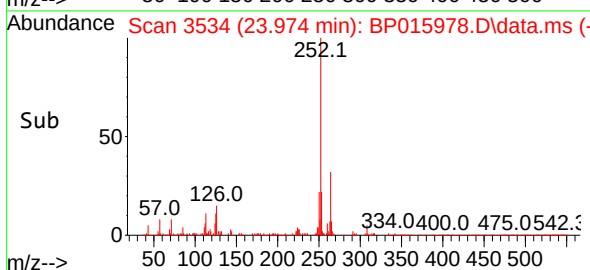
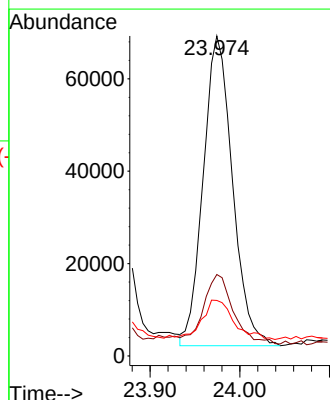
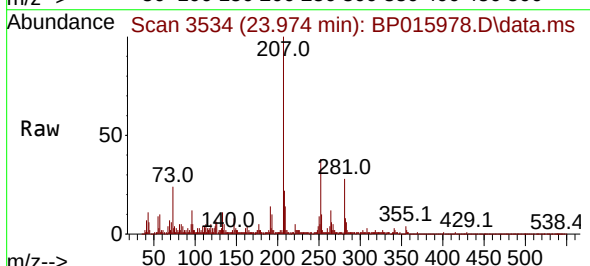
RT: 23.974 min Scan# 3534

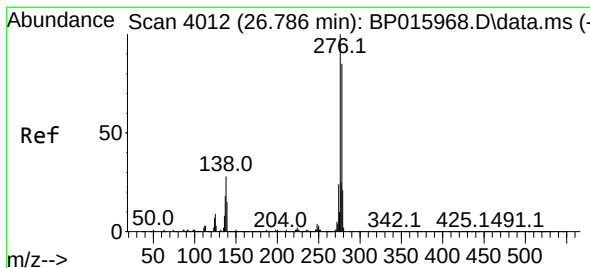
Delta R.T. -0.006 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Tgt Ion:	252	Resp:	151767
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.7	26.5
125	17.4	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.408 ng/ul

RT: 26.792 min Scan# 4012

Delta R.T. 0.000 min

Lab File: BP015978.D

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DCGA6

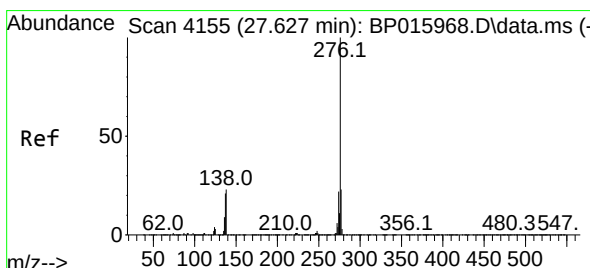
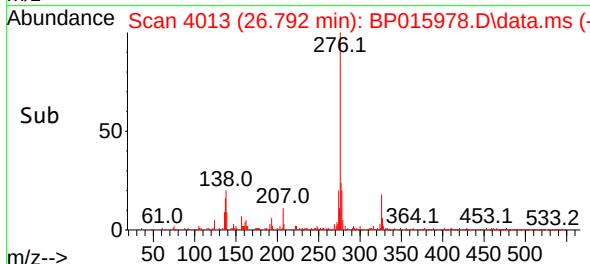
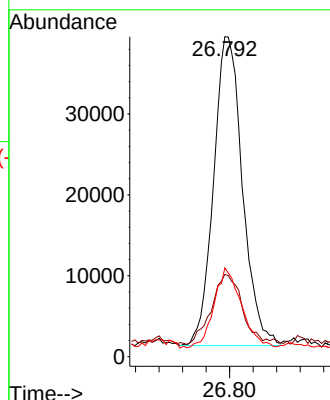
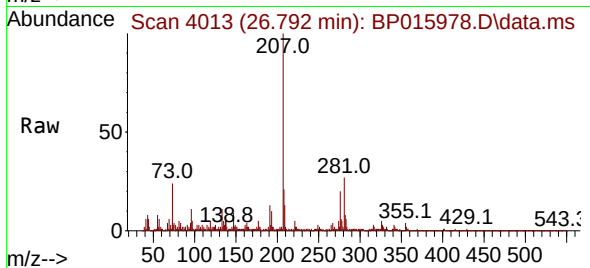
Tgt Ion:	276	Resp:	13016
Ion Ratio	Lower	Upper	
276	100		
138	25.7	15.7	23.5
277	27.8	19.6	29.4

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 1.588 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.012 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Tgt Ion:	276	Resp:	120839
Ion Ratio	Lower	Upper	
276	100		
138	23.5	15.1	22.7
277	24.0	18.8	28.2

