

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015810.D
 Acq On : 29 Jun 2023 14:39
 Operator : MA/JU
 Sample : 03143-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 23:33:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	187437	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	779250	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.710	164	452092	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	943466	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	841953	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	960368	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	13523	2.596	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	225612	14.068	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	162395	16.367	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	190853	15.765	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	134926	10.650	ng/u1	0.02
21) Nitrobenzene-d5	9.258	128	85231	14.312	ng/u1	0.02
24) 2-Nitrophenol-d4	9.987	143	95024	13.671	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	154809	12.499	ng/u1	0.05
31) 4-Chloroaniline-d4	11.093	131	114688	7.208	ng/u1	0.06
46) Dimethylphthalate-d6	14.122	166	568808	16.278	ng/u1	0.01
49) Acenaphthylene-d8	14.404	160	656325	16.708	ng/u1	0.00
54) 4-Nitrophenol-d4	15.016	143	45727m	9.916	ng/u1	0.06
60) Fluorene-d10	15.710	176	487300	16.936	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	43478	7.493	ng/u1	0.02
73) Anthracene-d10	17.575	188	714751	16.585	ng/u1	0.00
81) Pyrene-d10	19.792	212	884372	16.086	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	822983	16.988	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	115549	2.254	ng/u1	100
80) Fluoranthene	19.469	202	351976	5.151	ng/u1#	91
82) Pyrene	19.822	202	295058	4.233	ng/u1#	88
85) Benzo(a)anthracene	21.539	228	165313m	2.791	ng/u1	
87) Chrysene	21.598	228	196053	3.489	ng/u1	99
90) Benzo(b)fluoranthene	23.322	252	312925	5.071	ng/u1#	94
91) Benzo(k)fluoranthene	23.369	252	91636m	1.470	ng/u1	
93) Benzo(a)pyrene	23.986	252	191725	3.556	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.810	276	162175	2.216	ng/u1#	95
96) Benzo(g,h,i)perylene	27.645	276	145419	2.415	ng/u1#	94

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

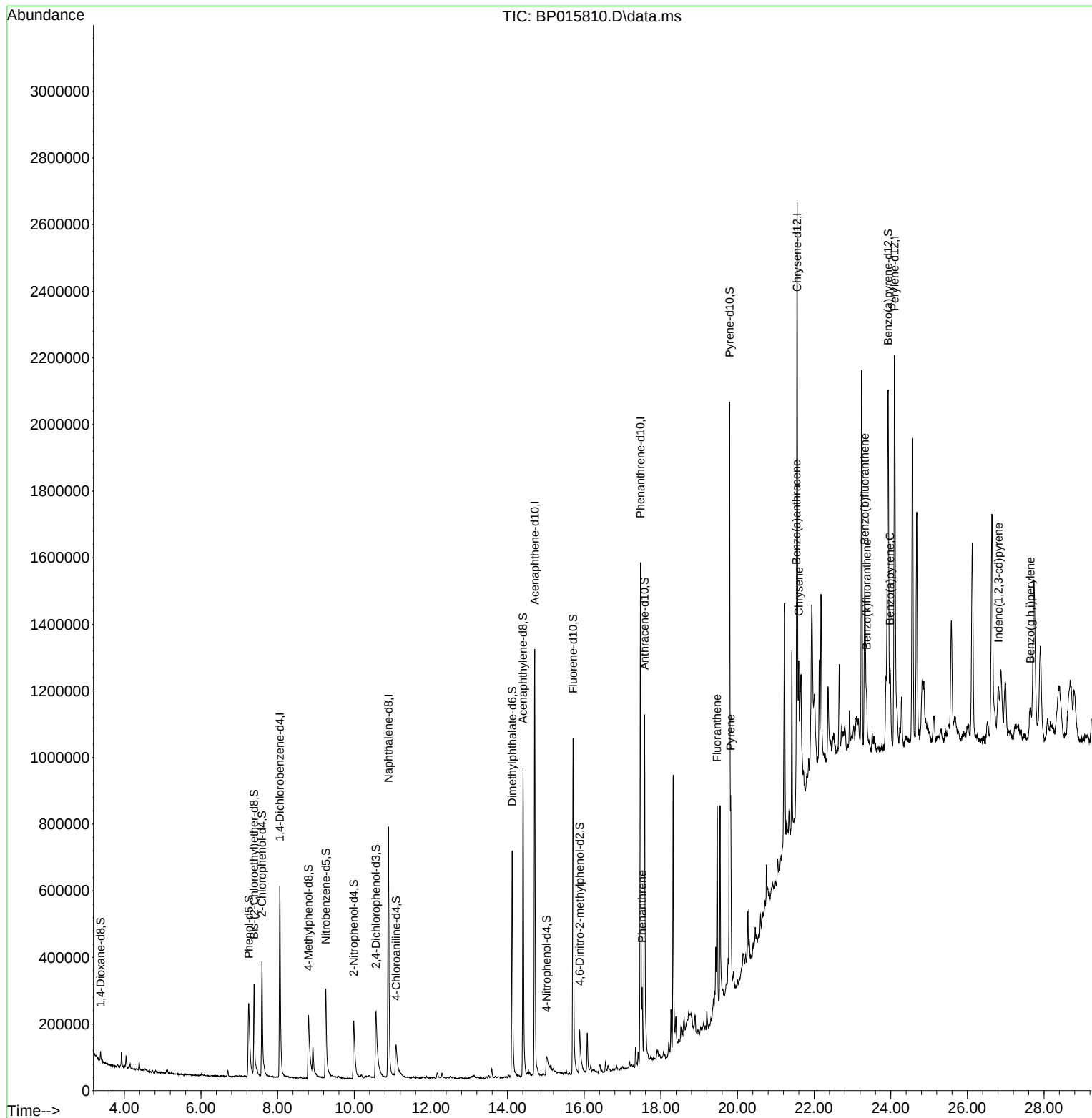
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
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 ALS Vial : 15 Sample Multiplier: 1

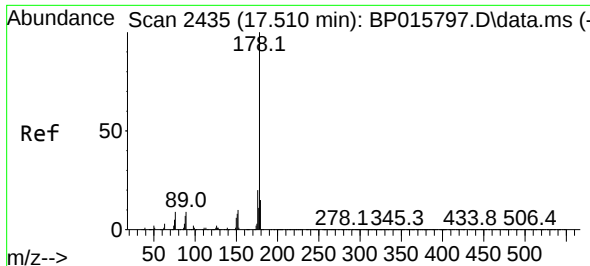
Instrument :
 BNA_P
 ClientSampleId :
 DCFV7

Quant Time: Jun 29 23:33:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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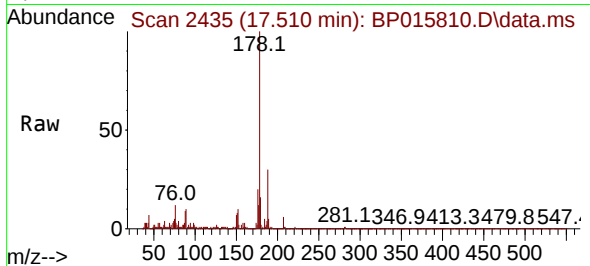
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023





#72
Phenanthrene
Concen: 2.254 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP015810.D
Acq: 29 Jun 2023 14:39

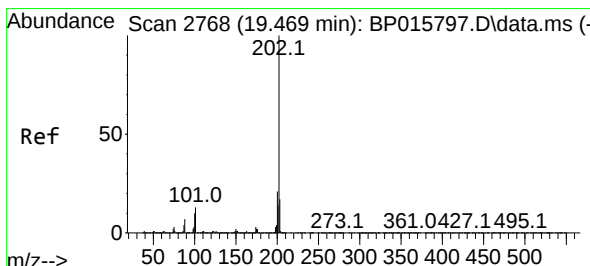
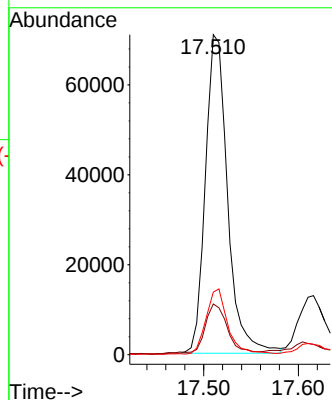
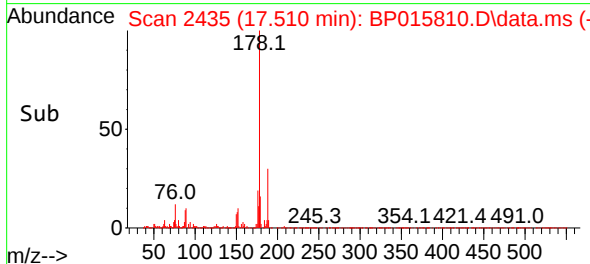
Instrument :
BNA_P
ClientSampleId :
DCFV7



Tgt Ion:178 Resp: 115549
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.5 15.6 23.4

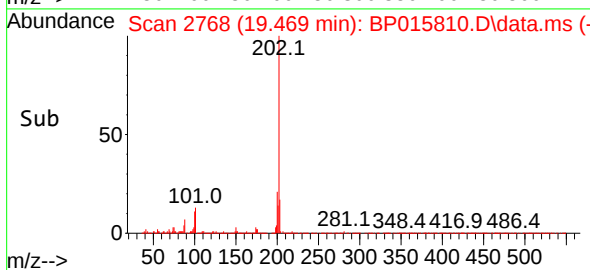
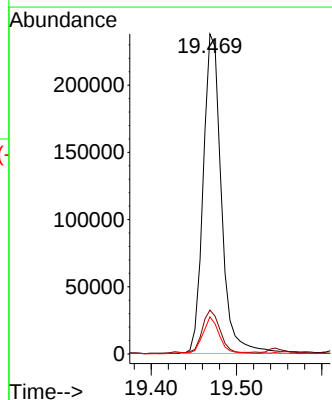
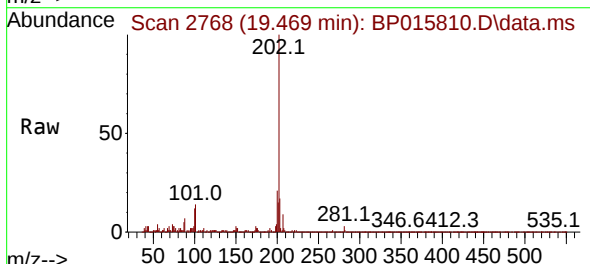
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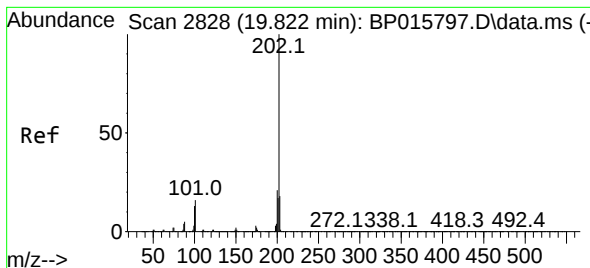
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#80
Fluoranthene
Concen: 5.151 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015810.D
Acq: 29 Jun 2023 14:39

Tgt Ion:202 Resp: 351976
Ion Ratio Lower Upper
202 100
101 13.7 8.3 12.5#
100 11.6 6.6 9.8#





#82

Pyrene

Concen: 4.233 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFV7

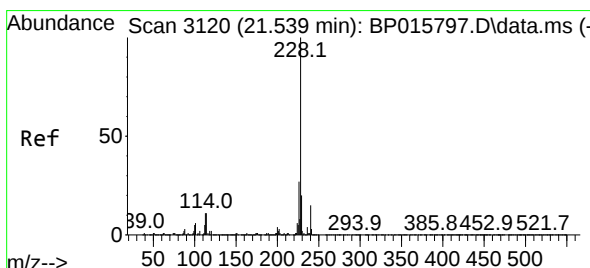
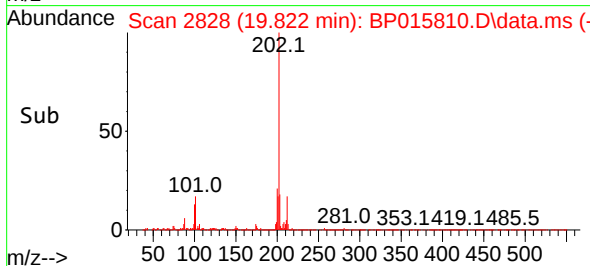
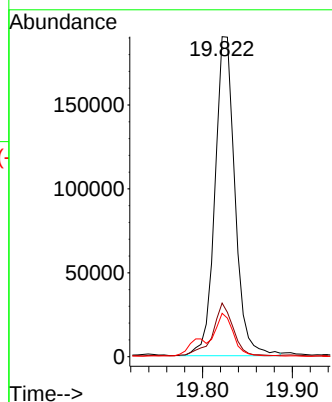
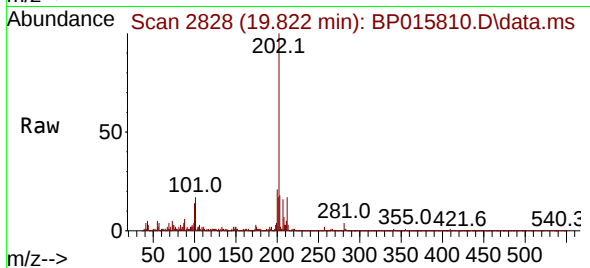
Tgt Ion:	202	Resp:	295058
Ion Ratio	Lower	Upper	
202	100		
101	16.8	9.3	13.9
100	13.6	7.6	11.4

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 2.791 ng/ul m

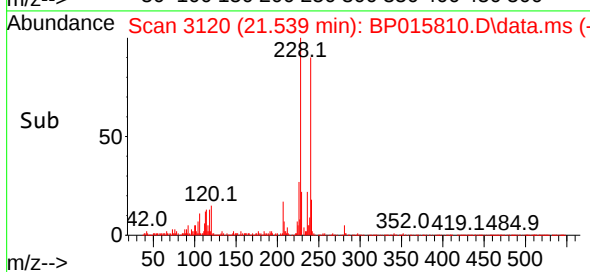
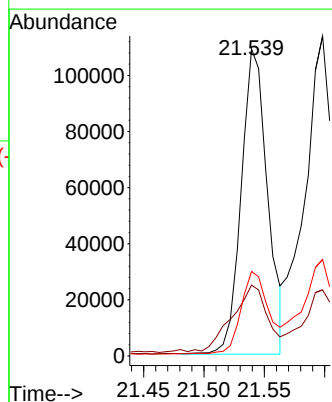
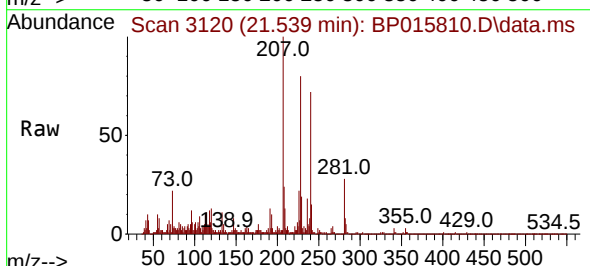
RT: 21.539 min Scan# 3120

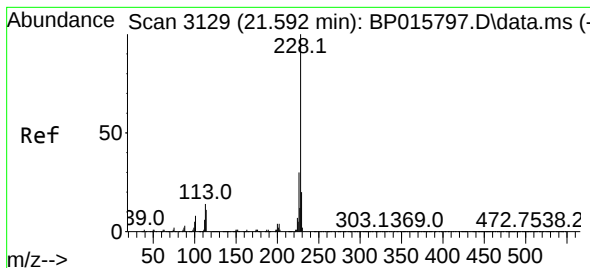
Delta R.T. 0.000 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Tgt Ion:	228	Resp:	165313
Ion Ratio	Lower	Upper	
228	100		
229	23.1	15.3	22.9
226	27.5	21.4	32.0





#87

Chrysene

Concen: 3.489 ng/ul

RT: 21.598 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFV7

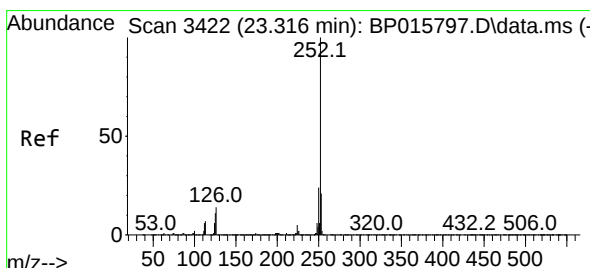
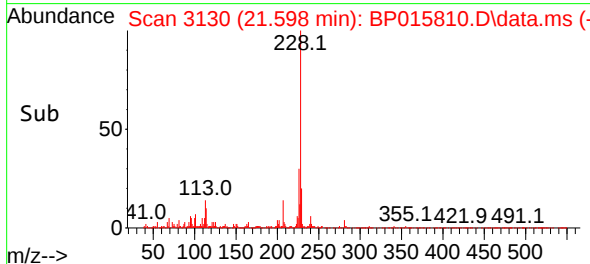
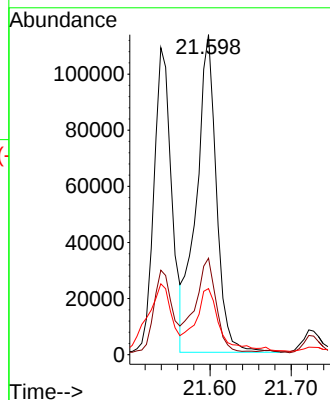
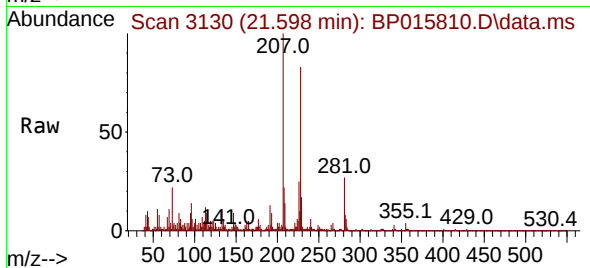
Tgt Ion:	228	Resp:	19605
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.3	36.5
229	20.6	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#90

Benzo(b)fluoranthene

Concen: 5.071 ng/ul

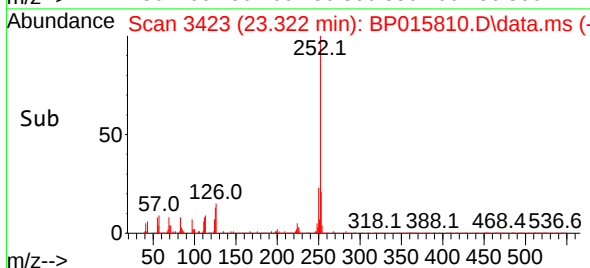
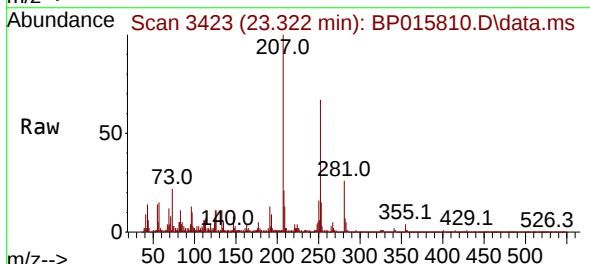
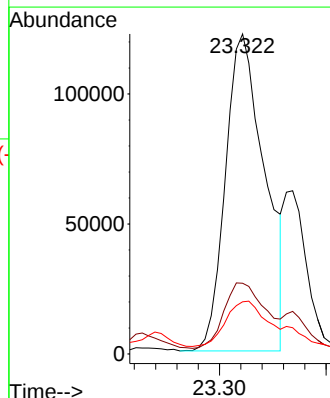
RT: 23.322 min Scan# 3423

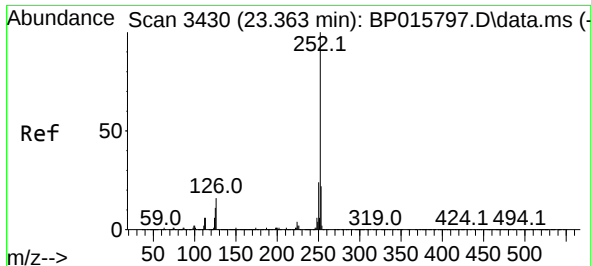
Delta R.T. 0.006 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Tgt Ion:	252	Resp:	312925
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	16.3	7.5	11.3





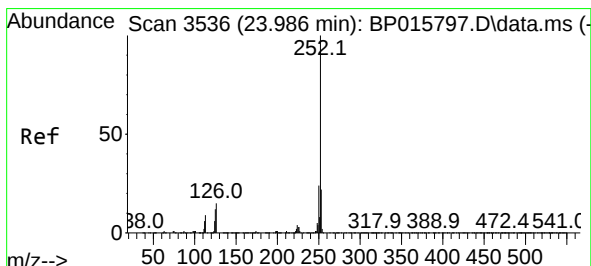
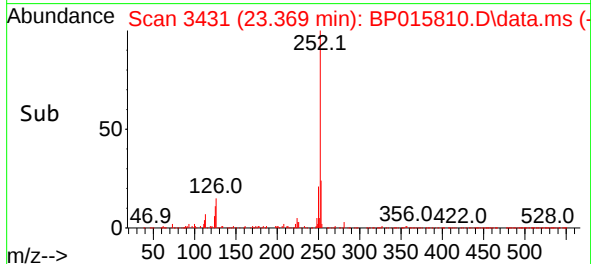
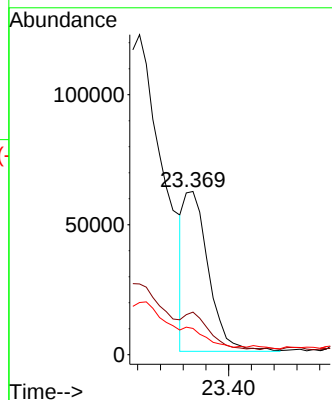
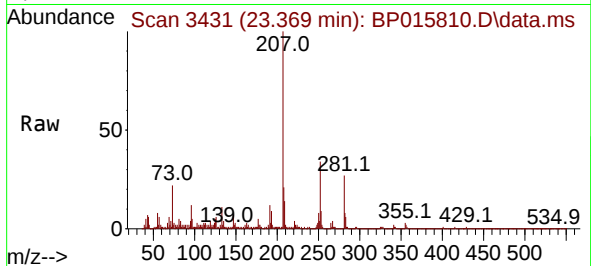
#91
Benzo(k)fluoranthene
Concen: 1.470 ng/ul m
RT: 23.369 min Scan# 3430
Delta R.T. 0.000 min
Lab File: BP015810.D
Acq: 29 Jun 2023 14:39

Instrument :
BNA_P
ClientSampleId :
DCFV7

Tgt Ion:252 Resp: 91630
Ion Ratio Lower Upper
252 100
253 26.1 17.0 25.4
125 16.0 7.3 10.9

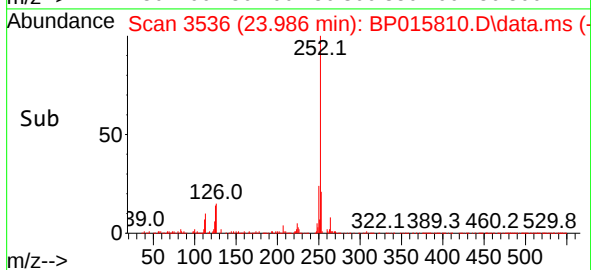
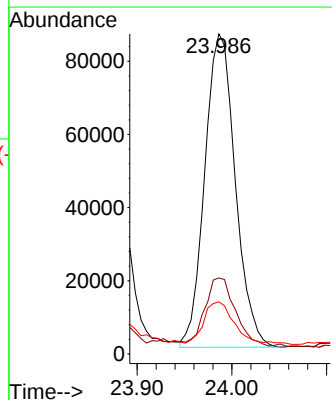
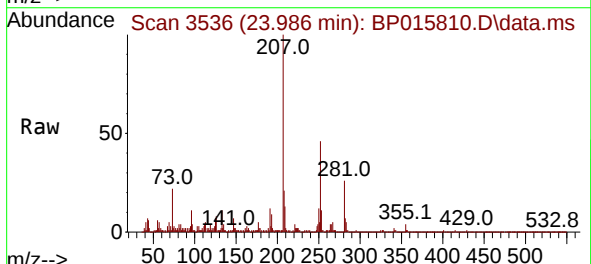
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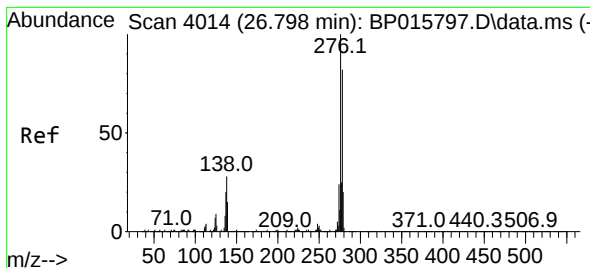
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#93
Benzo(a)pyrene
Concen: 3.556 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP015810.D
Acq: 29 Jun 2023 14:39

Tgt Ion:252 Resp: 191725
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 16.3 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.216 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. 0.012 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFV7

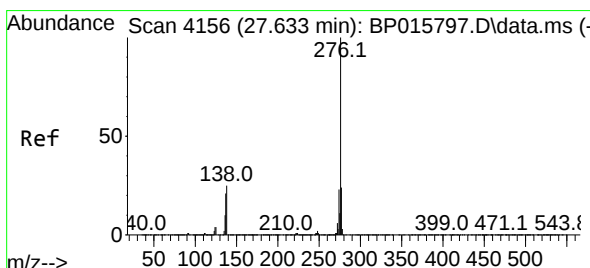
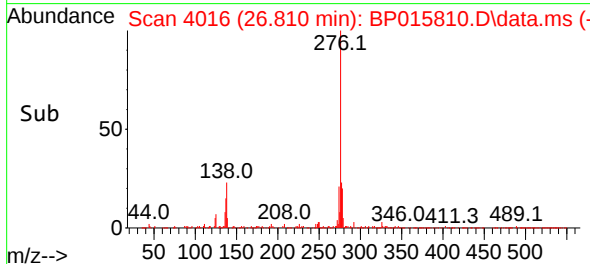
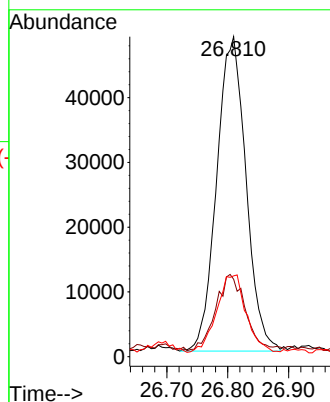
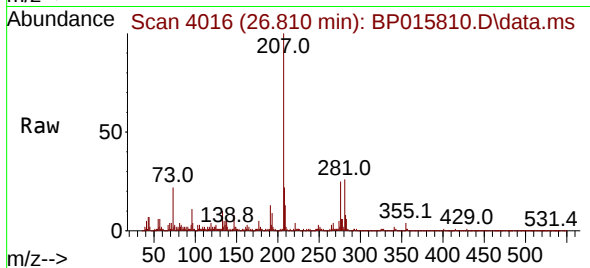
Tgt Ion:276 Resp: 162179
 Ion Ratio Lower Upper
 276 100
 138 24.2 15.7 23.5
 277 25.3 19.6 29.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/30/2023



#96

Benzo(g,h,i)perylene

Concen: 2.415 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.012 min

Lab File: BP015810.D

Acq: 29 Jun 2023 14:39

Tgt Ion:276 Resp: 145419
 Ion Ratio Lower Upper
 276 100
 138 24.4 15.1 22.7#
 277 22.8 18.8 28.2

