

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015740.D
 Acq On : 27 Jun 2023 11:15
 Operator : MA/JU
 Sample : 03101-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZEL7

Quant Time: Jun 28 03:28:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	120172	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	440362	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	231169	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	456831	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	492142	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	629721	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	10562	3.162	ng/uL	0.00
4) Pyridine-d5	3.834	84	85416	10.145	ng/u1	0.00
7) Phenol-d5	7.234	99	161464	15.703	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	111645	17.551	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	139340	17.952	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	121109	14.910	ng/u1	0.01
21) Nitrobenzene-d5	9.252	128	58485	17.378	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	68108	17.340	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	109409	15.631	ng/u1	0.03
31) 4-Chloroaniline-d4	11.069	131	113098	12.578	ng/u1	0.03
46) Dimethylphthalate-d6	14.122	166	360480	20.175	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	403745	20.101	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	29197m	12.383	ng/u1	0.05
60) Fluorene-d10	15.716	176	293913	19.978	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	30920m	11.006	ng/u1	0.02
73) Anthracene-d10	17.575	188	436690	20.927	ng/u1	0.00
81) Pyrene-d10	19.798	212	566508	17.629	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	698419	21.986	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.516	178	296449	11.945	ng/u1	99
74) Anthracene	17.616	178	36694m	1.471	ng/u1	
77) Carbazole	17.898	167	24688	1.175	ng/u1	96
80) Fluoranthene	19.475	202	535944	13.419	ng/u1	99
82) Pyrene	19.827	202	410903	10.086	ng/u1	98
85) Benzo(a)anthracene	21.545	228	199248	5.755	ng/u1	98
87) Chrysene	21.604	228	228150	6.946	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	300028	7.415	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	102117m	2.498	ng/u1	
93) Benzo(a)pyrene	23.998	252	189204	5.351	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.815	276	143931	2.999	ng/u1	97
96) Benzo(g,h,i)perylene	27.645	276	126878	3.213	ng/u1	98

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

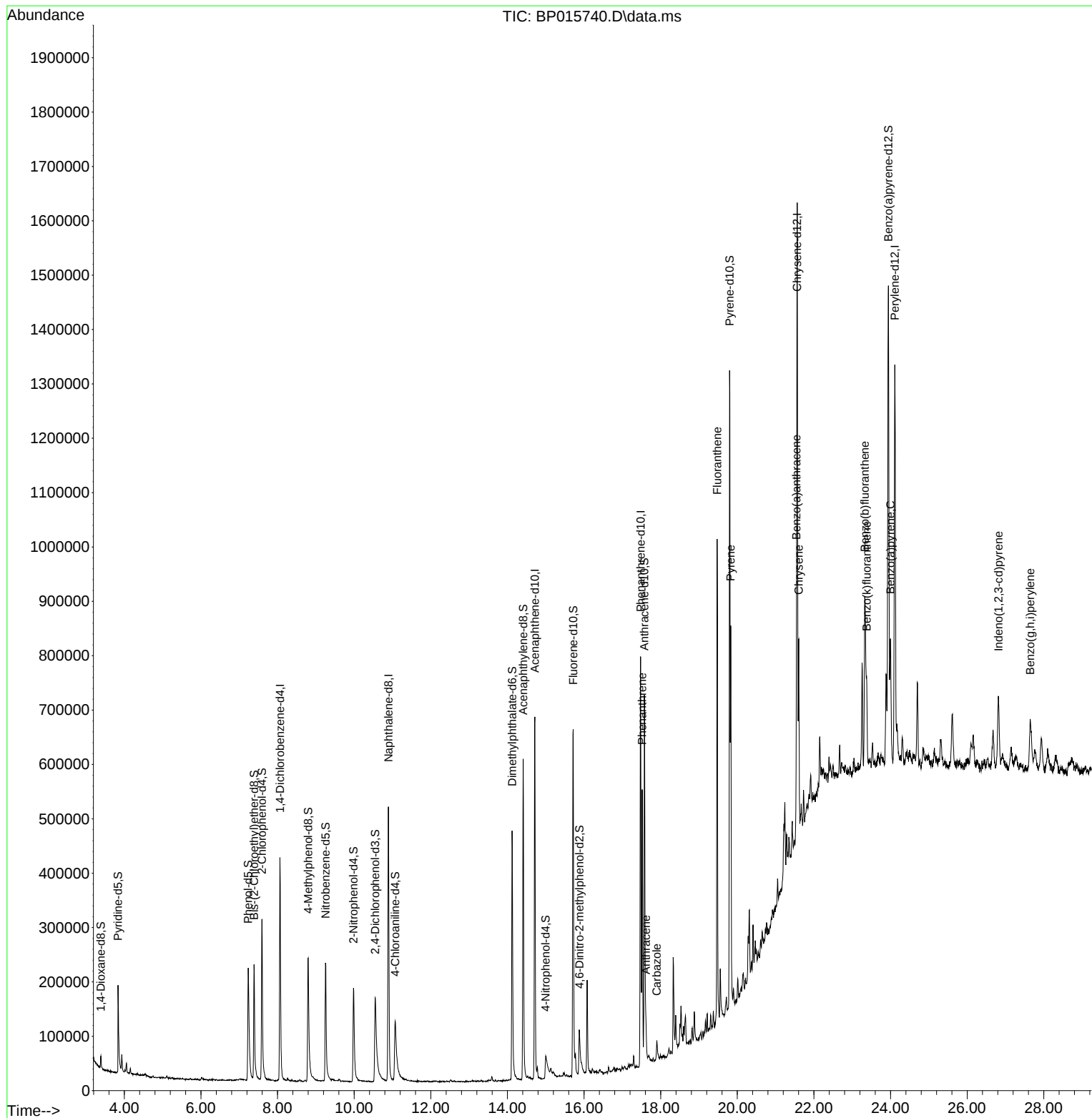
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Data File : BP015740.D
Acq On : 27 Jun 2023 11:15
Operator : MA/JU
Sample : 03101-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

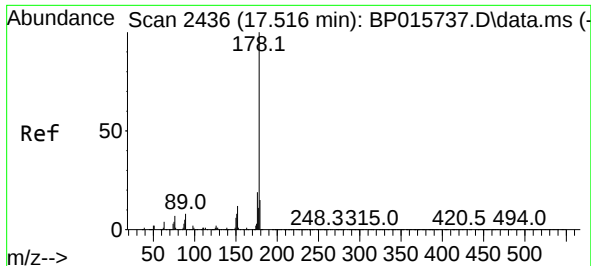
Instrument :
BNA_P
ClientSampleId :
EZEL7

Quant Time: Jun 28 03:28:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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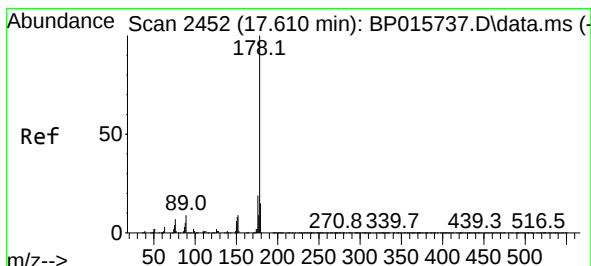
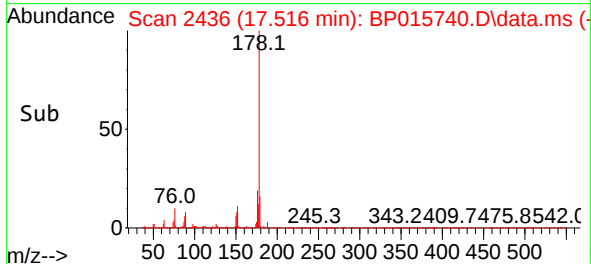
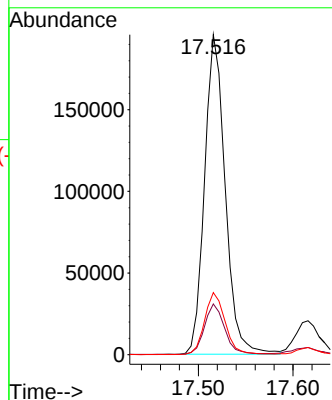
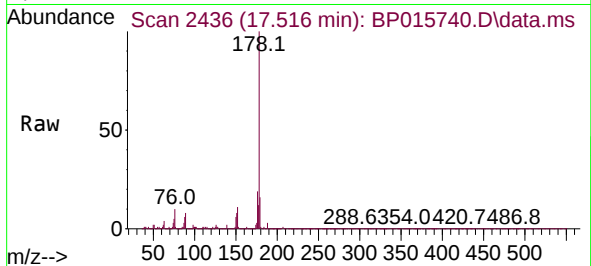
#72
Phenanthrene
Concen: 11.945 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP015740.D
Acq: 27 Jun 2023 11:15

Instrument :
BNA_P
ClientSampleId :
EZEL7

Tgt Ion:178 Resp: 296449
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.4 15.6 23.4

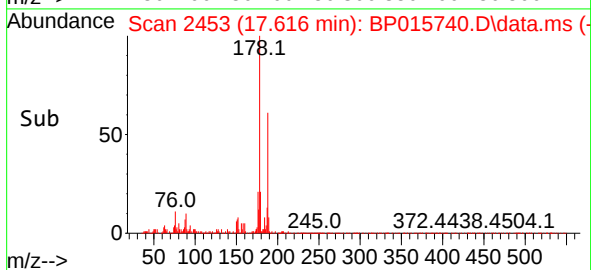
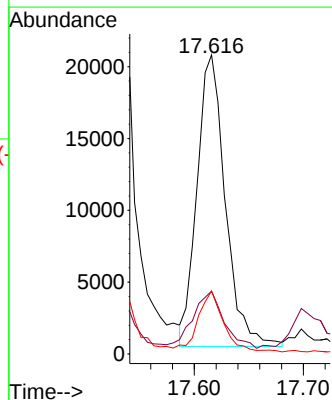
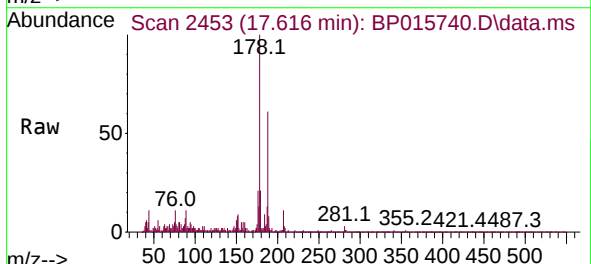
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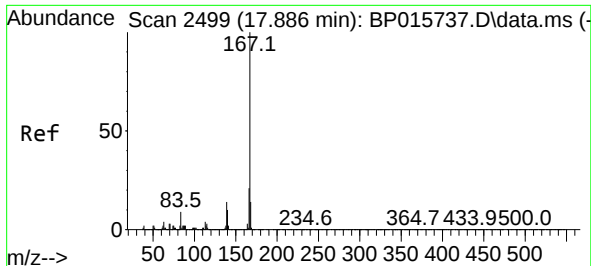
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/28/2023



#74
Anthracene
Concen: 1.471 ng/ul m
RT: 17.616 min Scan# 2453
Delta R.T. 0.006 min
Lab File: BP015740.D
Acq: 27 Jun 2023 11:15

Tgt Ion:178 Resp: 36694
Ion Ratio Lower Upper
178 100
179 21.0 12.1 18.1#
176 21.0 14.6 22.0





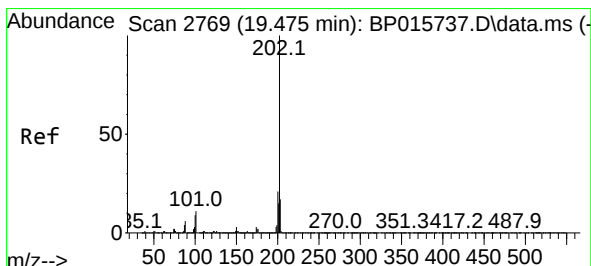
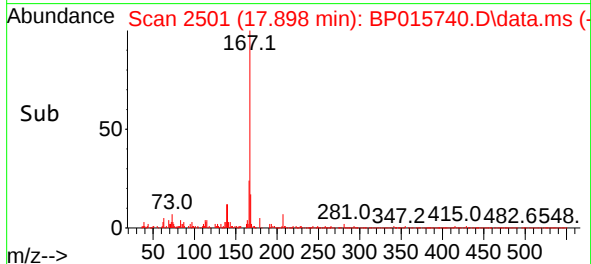
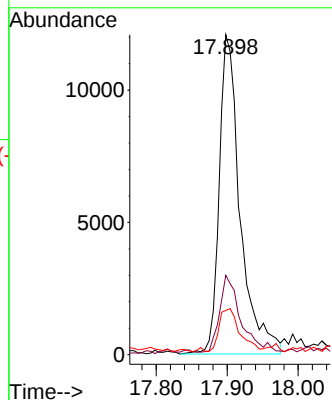
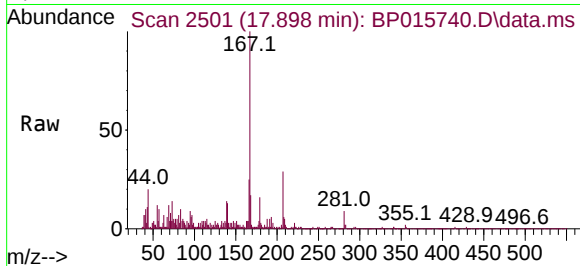
#77
 Carbazole
 Concen: 1.175 ng/ul
 RT: 17.898 min Scan# 2499
 Delta R.T. 0.012 min
 Lab File: BP015740.D
 Acq: 27 Jun 2023 11:15

Instrument :
 BNA_P
 ClientSampleId :
 EZEL7

Tgt Ion:167 Resp: 2468
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.4 26.0
 139 13.8 11.0 16.4

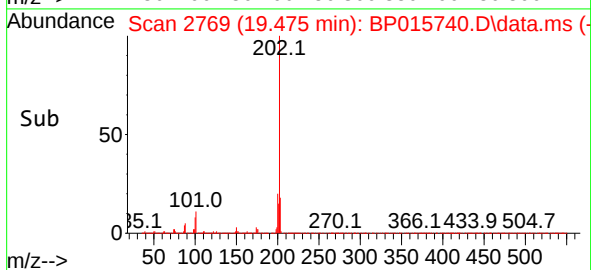
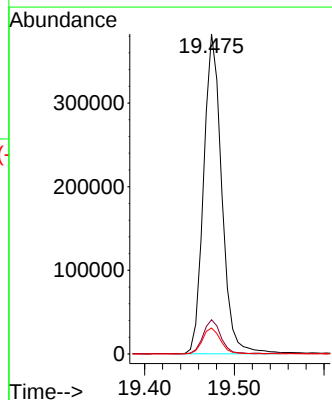
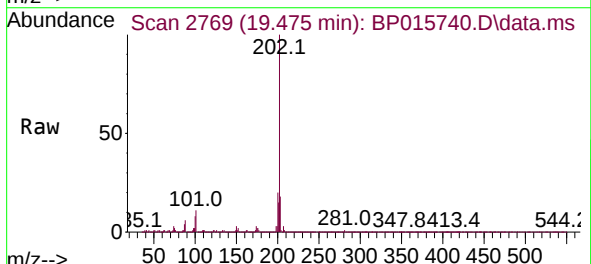
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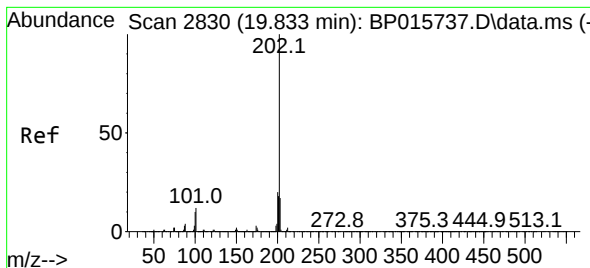
Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/28/2023



#80
 Fluoranthene
 Concen: 13.419 ng/ul
 RT: 19.475 min Scan# 2769
 Delta R.T. 0.000 min
 Lab File: BP015740.D
 Acq: 27 Jun 2023 11:15

Tgt Ion:202 Resp: 535944
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.3 12.5
 100 8.1 6.6 9.8





#82

Pyrene

Concen: 10.086 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Instrument :

BNA_P

ClientSampleId :

EZEL7

Tgt Ion:202 Resp: 41090

Ion Ratio Lower Upper

202 100

101 12.1 9.3 13.9

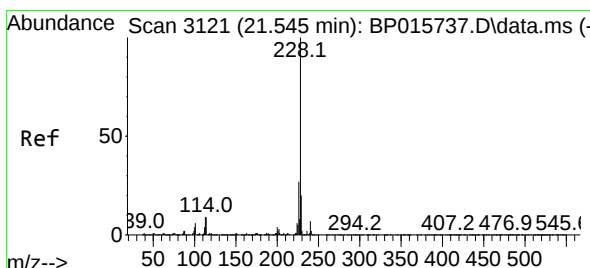
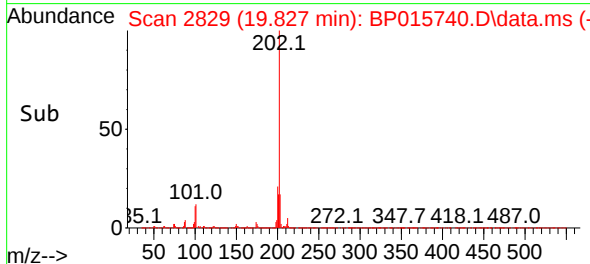
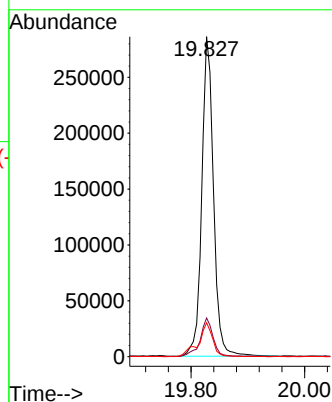
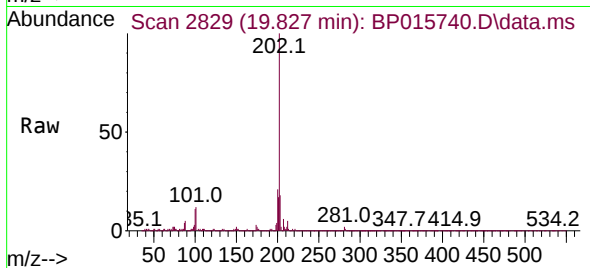
100 10.6 7.6 11.4

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Supervised By :mohammad ahmed 06/28/2023



#85

Benzo(a)anthracene

Concen: 5.755 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

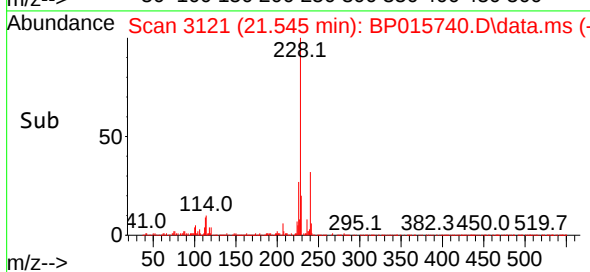
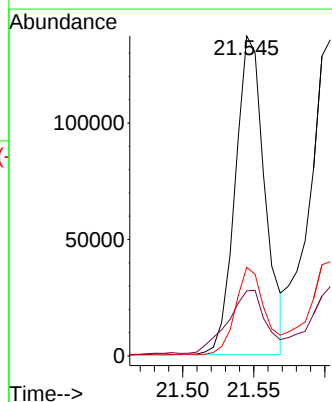
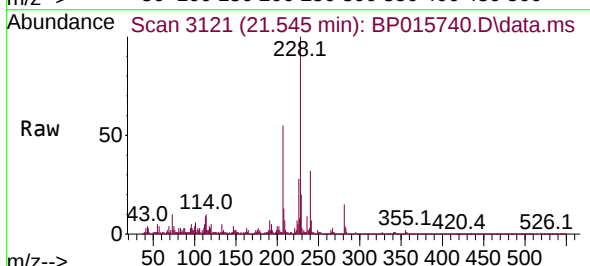
Tgt Ion:228 Resp: 199248

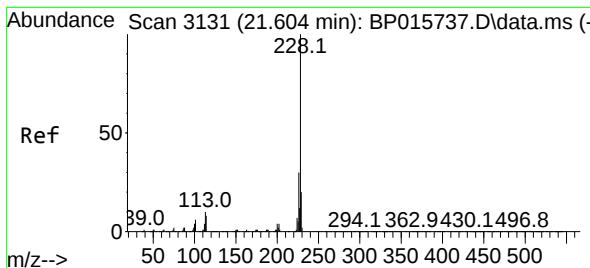
Ion Ratio Lower Upper

228 100

229 20.4 15.3 22.9

226 27.6 21.4 32.0





#87

Chrysene

Concen: 6.946 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Instrument :

BNA_P

ClientSampleId :

EZEL7

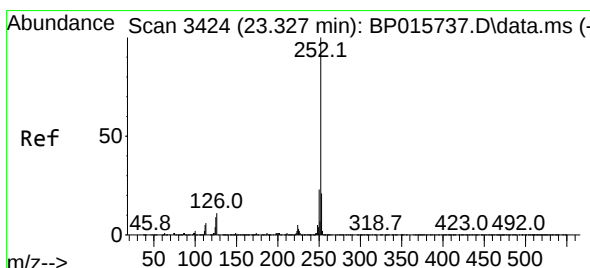
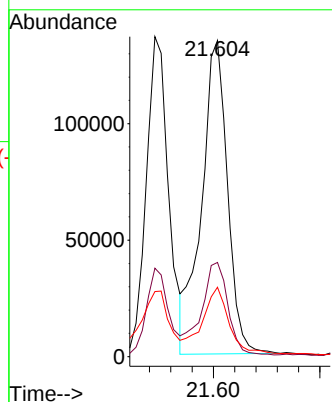
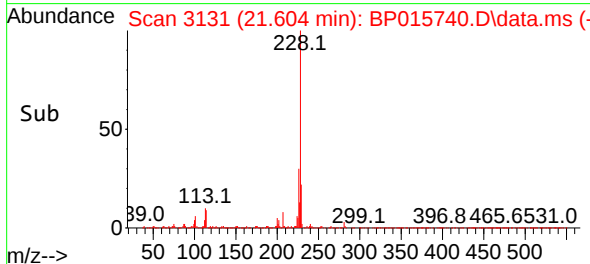
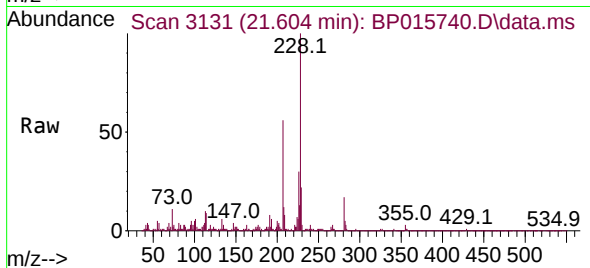
Tgt Ion:228 Resp: 228150
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.3 36.5
 229 22.0 15.5 23.3

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Supervised By :mohammad ahmed 06/28/2023



#90

Benzo(b)fluoranthene

Concen: 7.415 ng/ul

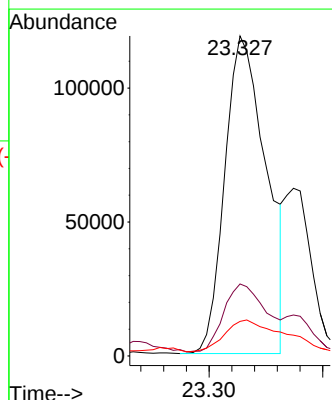
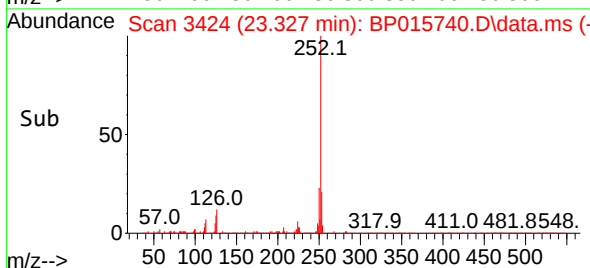
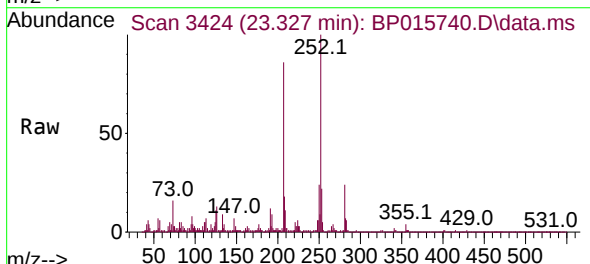
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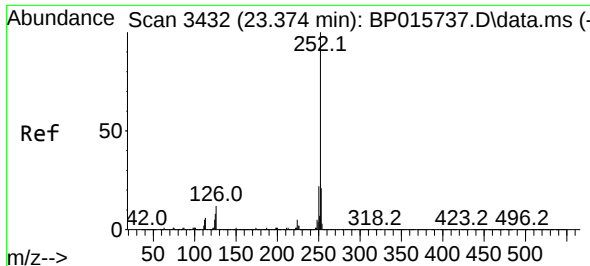
Delta R.T. 0.000 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Tgt Ion:252 Resp: 300028
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.3 25.9
 125 10.8 7.5 11.3





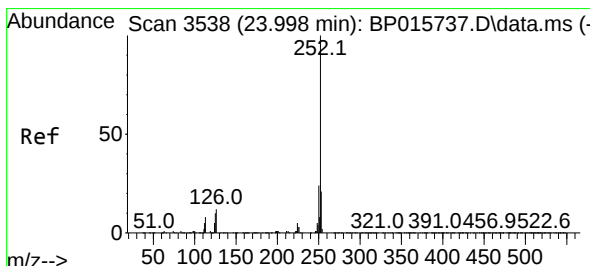
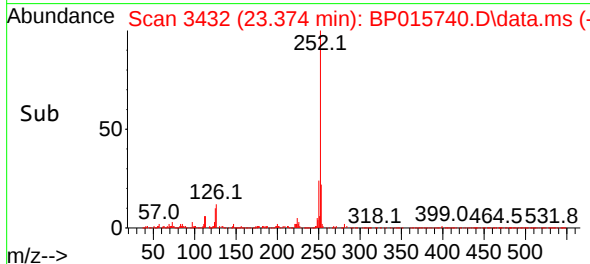
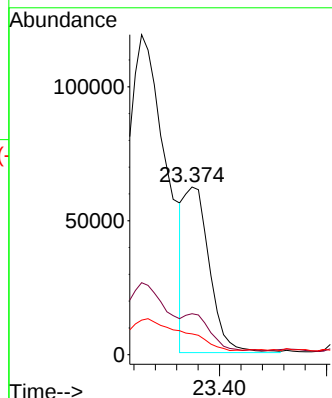
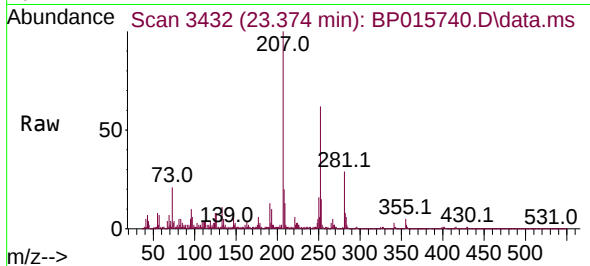
#91
Benzo(k)fluoranthene
Concen: 2.498 ng/ul m
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015740.D
Acq: 27 Jun 2023 11:15

Instrument :
BNA_P
ClientSampleId :
EZEL7

Tgt Ion:252 Resp: 102117
Ion Ratio Lower Upper
252 100
253 24.4 17.0 25.4
125 12.4 7.3 10.9

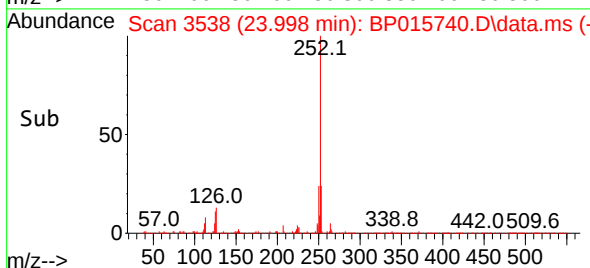
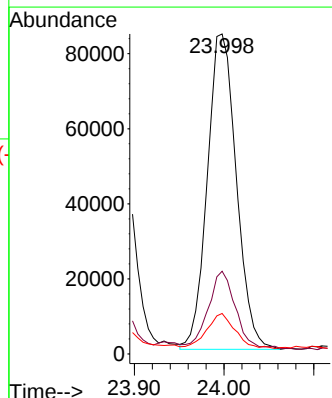
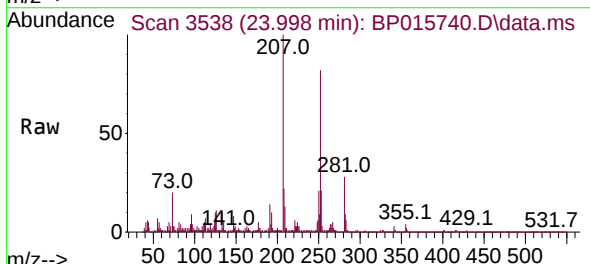
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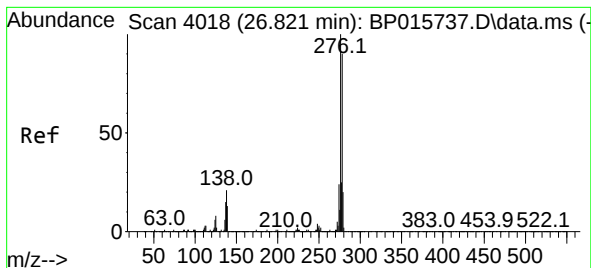
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/28/2023



#93
Benzo(a)pyrene
Concen: 5.351 ng/ul
RT: 23.998 min Scan# 3538
Delta R.T. -0.006 min
Lab File: BP015740.D
Acq: 27 Jun 2023 11:15

Tgt Ion:252 Resp: 189204
Ion Ratio Lower Upper
252 100
253 25.8 17.7 26.5
125 12.6 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.999 ng/ul

RT: 26.815 min Scan# 4018

Delta R.T. 0.000 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Instrument :

BNA_P

ClientSampleId :

EZEL7

Tgt Ion:276 Resp: 14393

Ion Ratio Lower Upper

276 100

138 17.2 15.7 23.5

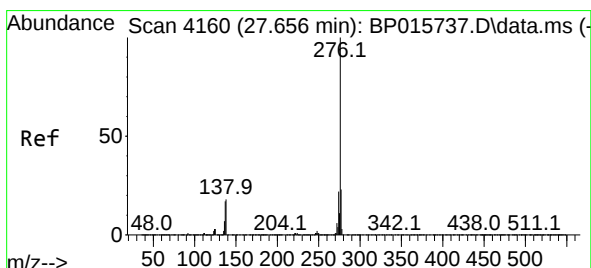
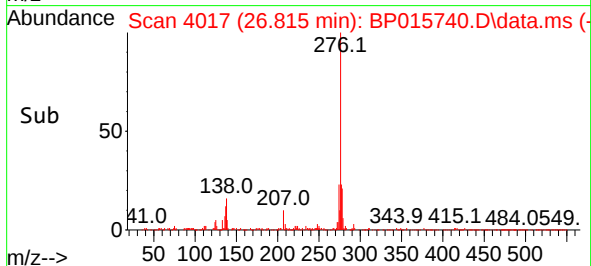
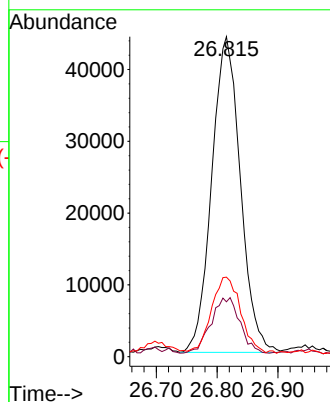
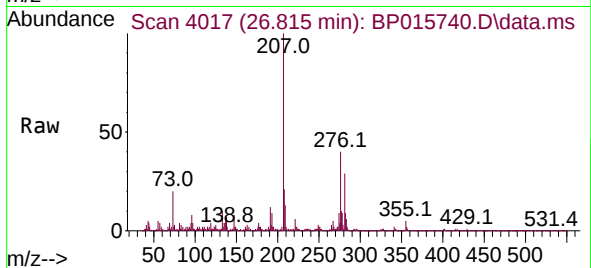
277 24.9 19.6 29.4

Manual Integrations

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Supervised By :mohammad ahmed 06/28/2023



#96

Benzo(g,h,i)perylene

Concen: 3.213 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Tgt Ion:276 Resp: 126878

Ion Ratio Lower Upper

276 100

138 18.9 15.1 22.7

277 24.8 18.8 28.2

