

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015842.D
 Acq On : 30 Jun 2023 13:58
 Operator : MA/JU
 Sample : 03161-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFX8

Manual Integrations
 APPROVED

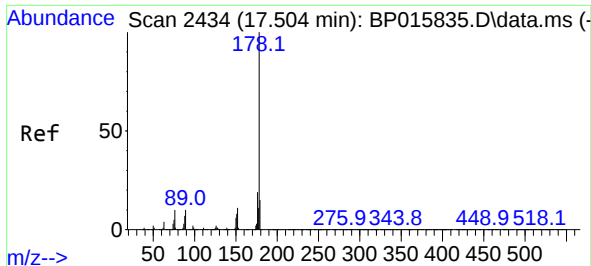
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jun 30 23:15:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	236590	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	1029955	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.704	164	599543	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1243456	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	845223	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	893402	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	18509	2.815	ng/uL	0.00
4) Pyridine-d5	3.828	84	153713	9.273	ng/u1	0.00
7) Phenol-d5	7.240	99	329954	16.300	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	234895	18.756	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	273259	17.882	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	192841	12.059	ng/u1	0.02
21) Nitrobenzene-d5	9.251	128	127170	16.156	ng/u1	0.01
24) 2-Nitrophenol-d4	9.981	143	142517	15.513	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	236099	14.422	ng/u1	0.04
31) 4-Chloroaniline-d4	11.087	131	130466	6.204	ng/u1	0.05
46) Dimethylphthalate-d6	14.116	166	903304	19.493	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1016482	19.513	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	91546m	14.970	ng/u1	0.05
60) Fluorene-d10	15.704	176	767445	20.113	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	81276m	10.628	ng/u1	0.02
73) Anthracene-d10	17.569	188	1027603	18.092	ng/u1	0.00
81) Pyrene-d10	19.792	212	1230383	22.293	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	909242	20.175	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	89101	1.319	ng/u1	99
80) Fluoranthene	19.468	202	298976	4.359	ng/u1#	90
82) Pyrene	19.821	202	246629	3.525	ng/u1#	90
85) Benzo(a)anthracene	21.539	228	119760	2.014	ng/u1#	92
87) Chrysene	21.598	228	157929	2.800	ng/u1	95
90) Benzo(b)fluoranthene	23.321	252	237285	4.134	ng/u1#	82
91) Benzo(k)fluoranthene	23.368	252	71547m	1.234	ng/u1	
93) Benzo(a)pyrene	23.986	252	132946	2.650	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.815	276	126767	1.862	ng/u1#	92
96) Benzo(g,h,i)perylene	27.650	276	115103	2.055	ng/u1#	91

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



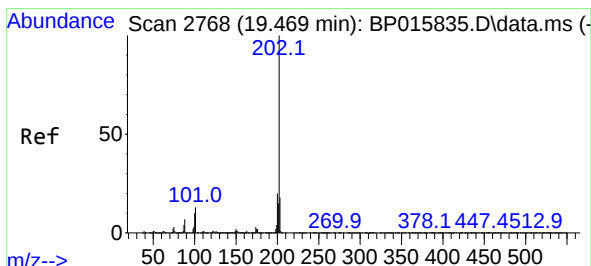
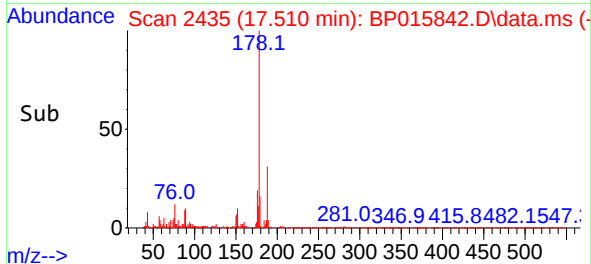
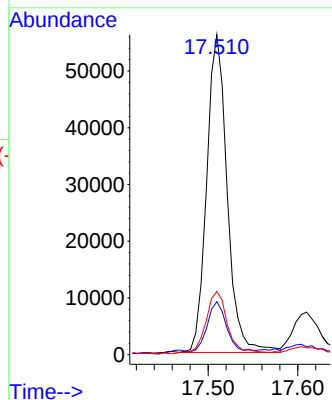
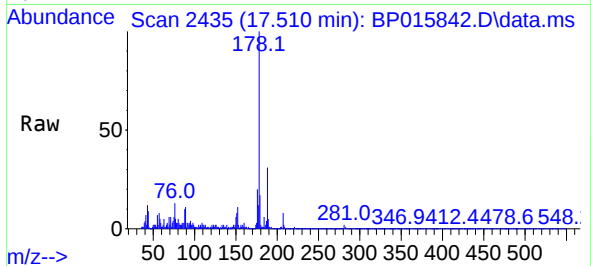
#72
Phenanthrene
Concen: 1.319 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP015842.D
Acq: 30 Jun 2023 13:58

Instrument :
BNA_P
Client Sample Id :
DCFX8

Tgt Ion:178 Resp: 8910
Ion Ratio Lower Upper
178 100
179 16.6 12.4 18.6
176 19.7 15.6 23.4

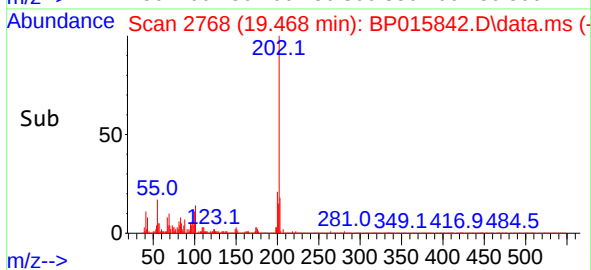
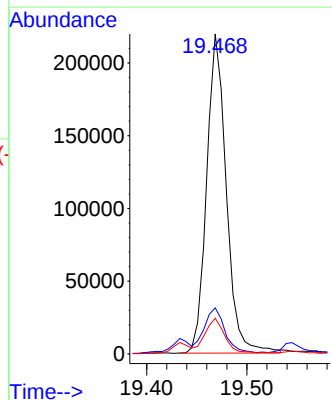
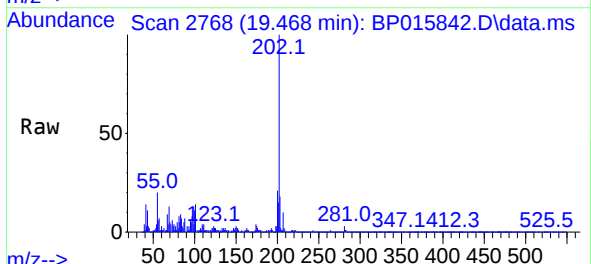
Manual Integrations
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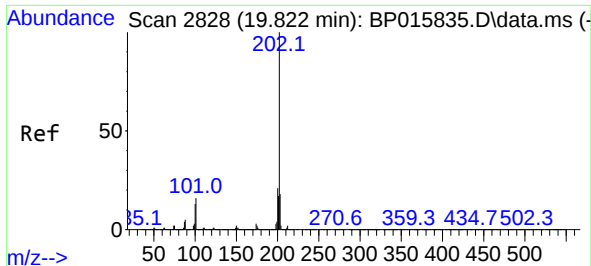
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#80
Fluoranthene
Concen: 4.359 ng/ul
RT: 19.468 min Scan# 2768
Delta R.T. -0.000 min
Lab File: BP015842.D
Acq: 30 Jun 2023 13:58

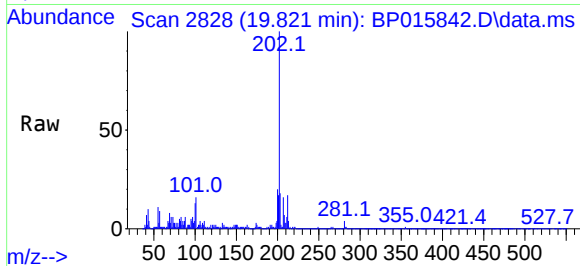
Tgt Ion:202 Resp: 298976
Ion Ratio Lower Upper
202 100
101 14.4 8.3 12.5#
100 11.1 6.6 9.8#





#82
Pyrene
Concen: 3.525 ng/ul
RT: 19.821 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015842.D
Acq: 30 Jun 2023 13:58

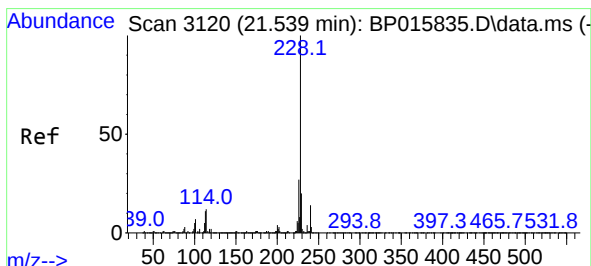
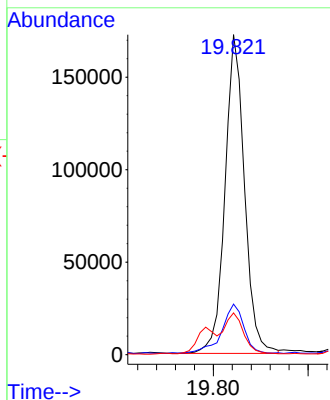
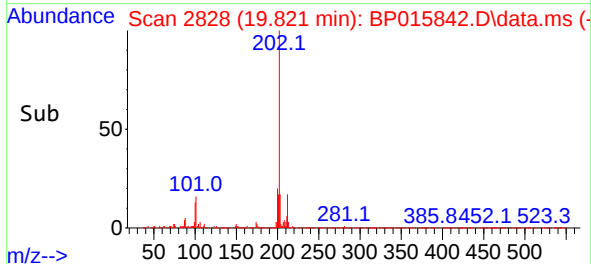
Instrument :
BNA_P
ClientSampleId :
DCFX8



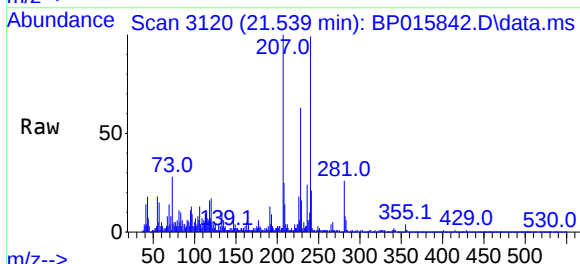
Tgt Ion:202 Resp: 246629
Ion Ratio Lower Upper
202 100
101 15.8 9.3 13.9
100 13.1 7.6 11.4

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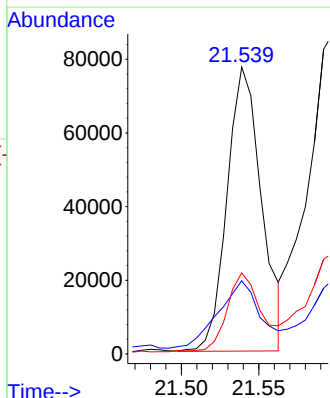
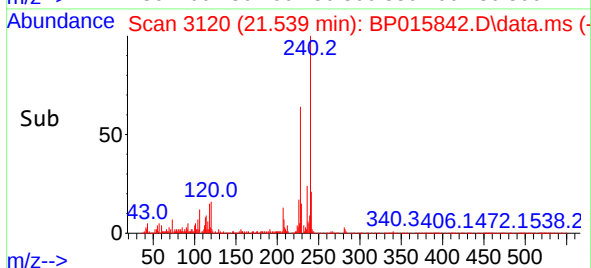
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

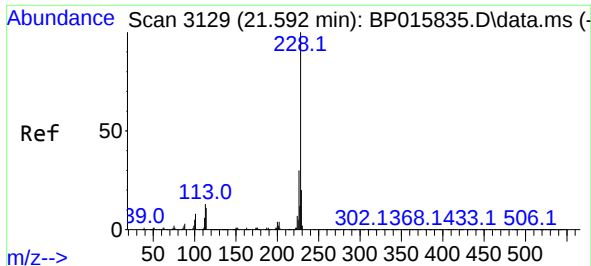


#85
Benzo(a)anthracene
Concen: 2.014 ng/ul
RT: 21.539 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP015842.D
Acq: 30 Jun 2023 13:58



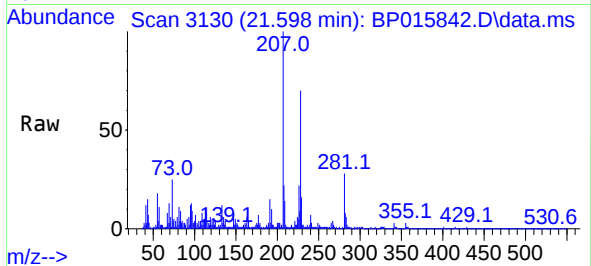
Tgt Ion:228 Resp: 119760
Ion Ratio Lower Upper
228 100
229 25.5 15.3 22.9
226 28.3 21.4 32.0





#87
Chrysene
Concen: 2.800 ng/ul
RT: 21.598 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP015842.D
Acq: 30 Jun 2023 13:58

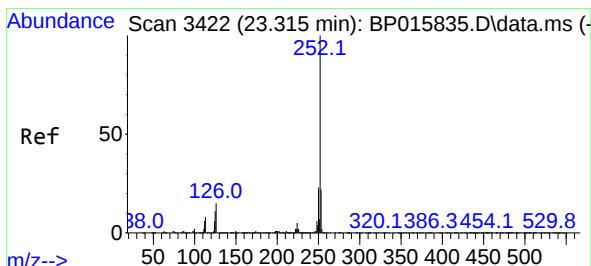
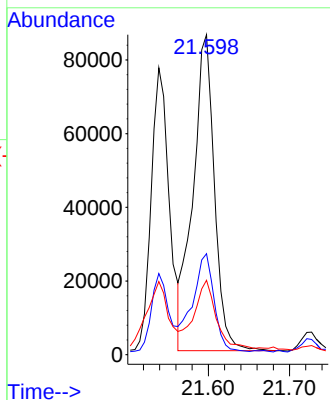
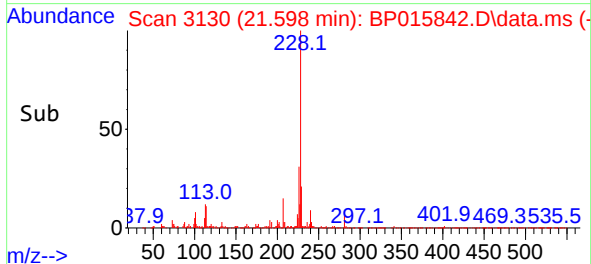
Instrument :
BNA_P
ClientSampleId :
DCFX8



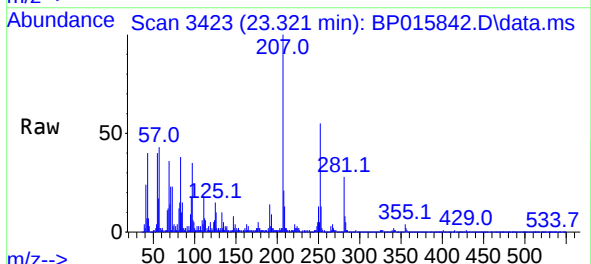
Tgt Ion:228 Resp: 157929
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 23.3 15.5 23.3

Manual Integrations
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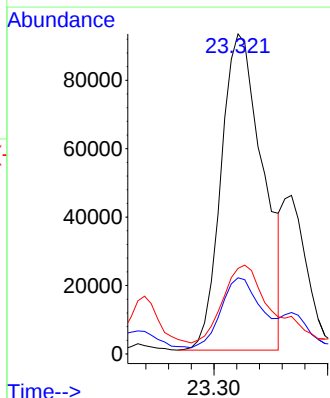
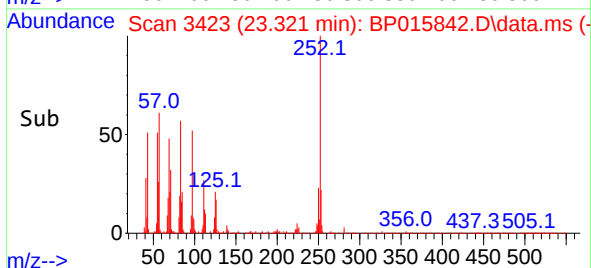
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

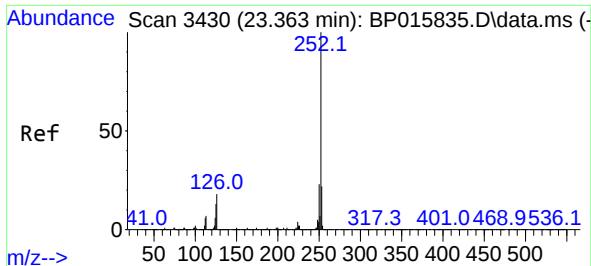


#90
Benzo(b)fluoranthene
Concen: 4.134 ng/ul
RT: 23.321 min Scan# 3423
Delta R.T. 0.006 min
Lab File: BP015842.D
Acq: 30 Jun 2023 13:58



Tgt Ion:252 Resp: 237285
Ion Ratio Lower Upper
252 100
253 23.8 17.3 25.9
125 26.8 7.5 11.3





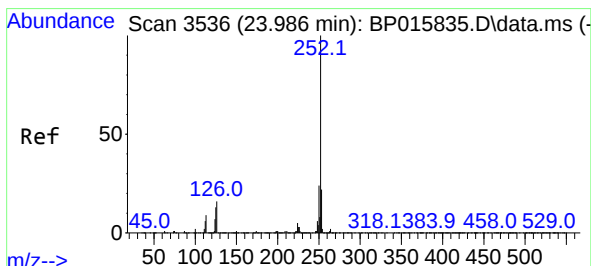
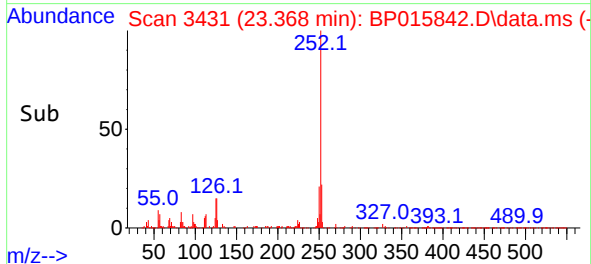
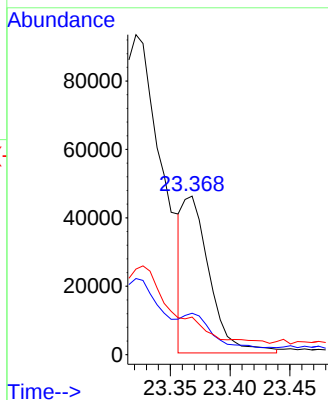
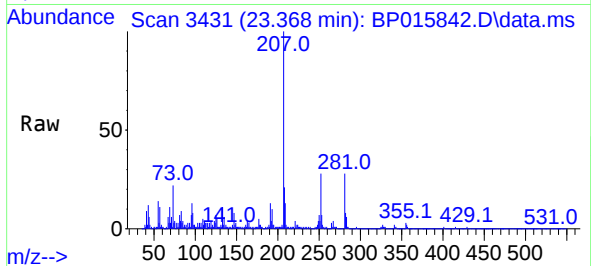
#91
Benzo(k)fluoranthene
Concen: 1.234 ng/ul m
RT: 23.368 min Scan# 3430
Delta R.T. 0.006 min
Lab File: BP015842.D
Acq: 30 Jun 2023 13:58

Instrument :
BNA_P
ClientSampleId :
DCFX8

Tgt Ion:252 Resp: 7154
Ion Ratio Lower Upper
252 100
253 26.1 17.0 25.4
125 23.7 7.3 10.9

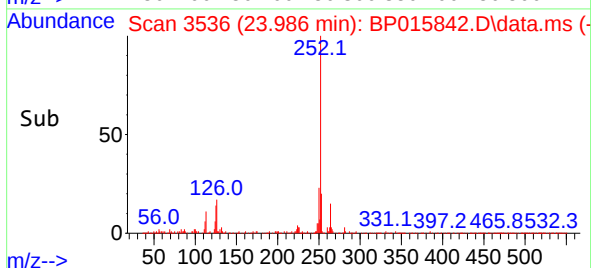
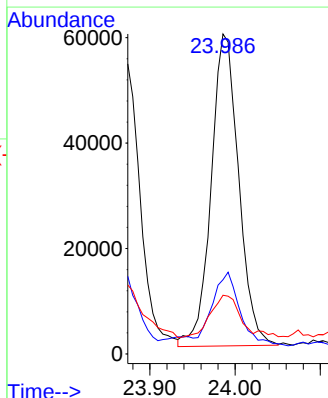
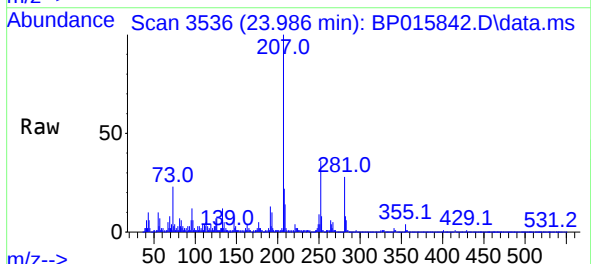
Manual Integrations
APPROVED

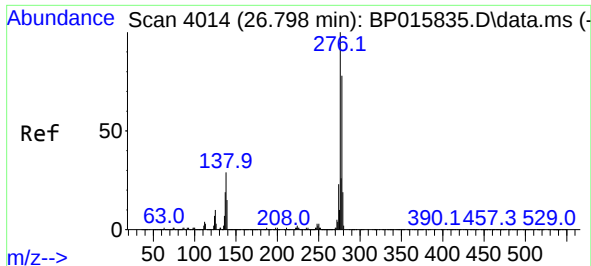
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#93
Benzo(a)pyrene
Concen: 2.650 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. -0.000 min
Lab File: BP015842.D
Acq: 30 Jun 2023 13:58

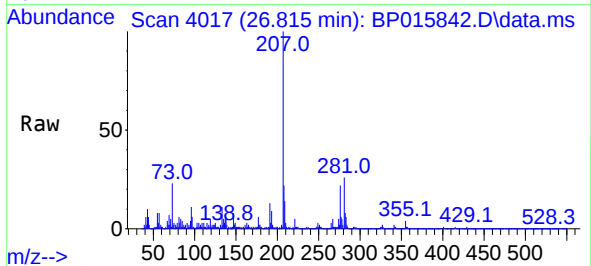
Tgt Ion:252 Resp: 132946
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 18.3 8.2 12.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.862 ng/ul
 RT: 26.815 min Scan# 4017
 Delta R.T. 0.017 min
 Lab File: BP015842.D
 Acq: 30 Jun 2023 13:58

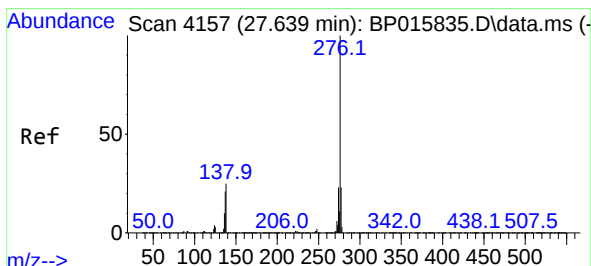
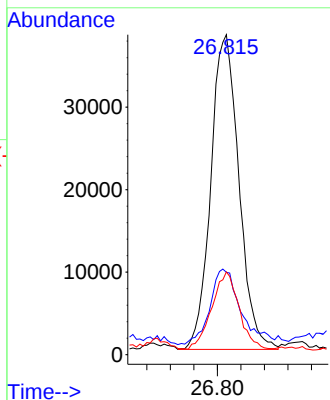
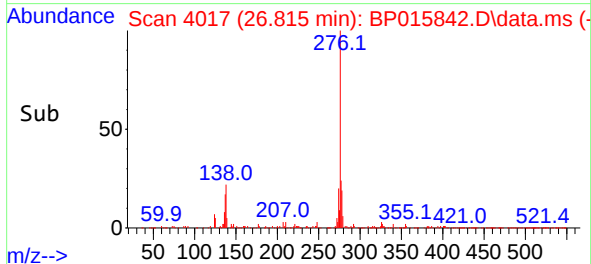
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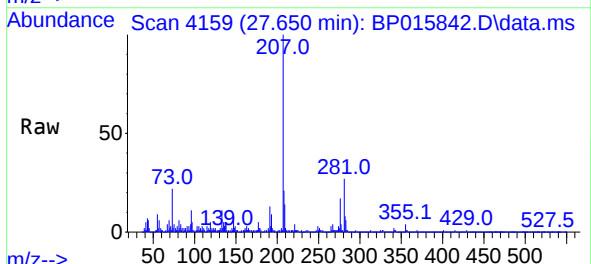
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 Ion Ratio Lower Upper
 276 100
 138 25.8 15.7 23.5
 277 25.9 19.6 29.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



#96
 Benzo(g,h,i)perylene
 Concen: 2.055 ng/ul
 RT: 27.650 min Scan# 4159
 Delta R.T. 0.012 min
 Lab File: BP015842.D
 Acq: 30 Jun 2023 13:58



Tgt Ion:276 Resp: 115103
 Ion Ratio Lower Upper
 276 100
 138 27.2 15.1 22.7
 277 23.8 18.8 28.2

