

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
 Data File : BP016625.D
 Acq On : 17 Aug 2023 04:18
 Operator : MA/JU
 Sample : 03967-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48N4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 17 04:55:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	382090	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1780114	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	1115496	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	2568046	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	2094092	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1973591	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	20097m	1.999	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.193	99	418509	11.881	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	244838	10.553	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	291541	11.523	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	287297	10.257	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	146030	11.659	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	148521	12.484	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	284311	12.144	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	29821	0.742	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	935601	11.596	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1105639	12.141	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	169737	10.327	ng/ul	0.00
60) Fluorene-d10	15.698	176	897503	13.048	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	89123	7.295	ng/ul	0.00
73) Anthracene-d10	17.569	188	1494365	13.453	ng/ul	0.00
81) Pyrene-d10	19.798	212	1744119	15.895	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1291012	13.650	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.899	105	206421	4.564	ng/ul	98
72) Phenanthrene	17.510	178	309217	2.285	ng/ul	99
80) Fluoranthene	19.469	202	666988	5.093	ng/ul	98
82) Pyrene	19.828	202	613796	4.439	ng/ul	97
85) Benzo(a)anthracene	21.545	228	290928	2.067	ng/ul	98
87) Chrysene	21.604	228	355562	2.700	ng/ul	96
90) Benzo(b)fluoranthene	23.345	252	409878	3.488	ng/ul#	63
91) Benzo(k)fluoranthene	23.392	252	126787m	1.088	ng/ul	
93) Benzo(a)pyrene	24.033	252	241034	2.174	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.898	276	177867	1.360	ng/ul	96
96) Benzo(g,h,i)perylene	27.757	276	187135	1.797	ng/ul	97

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

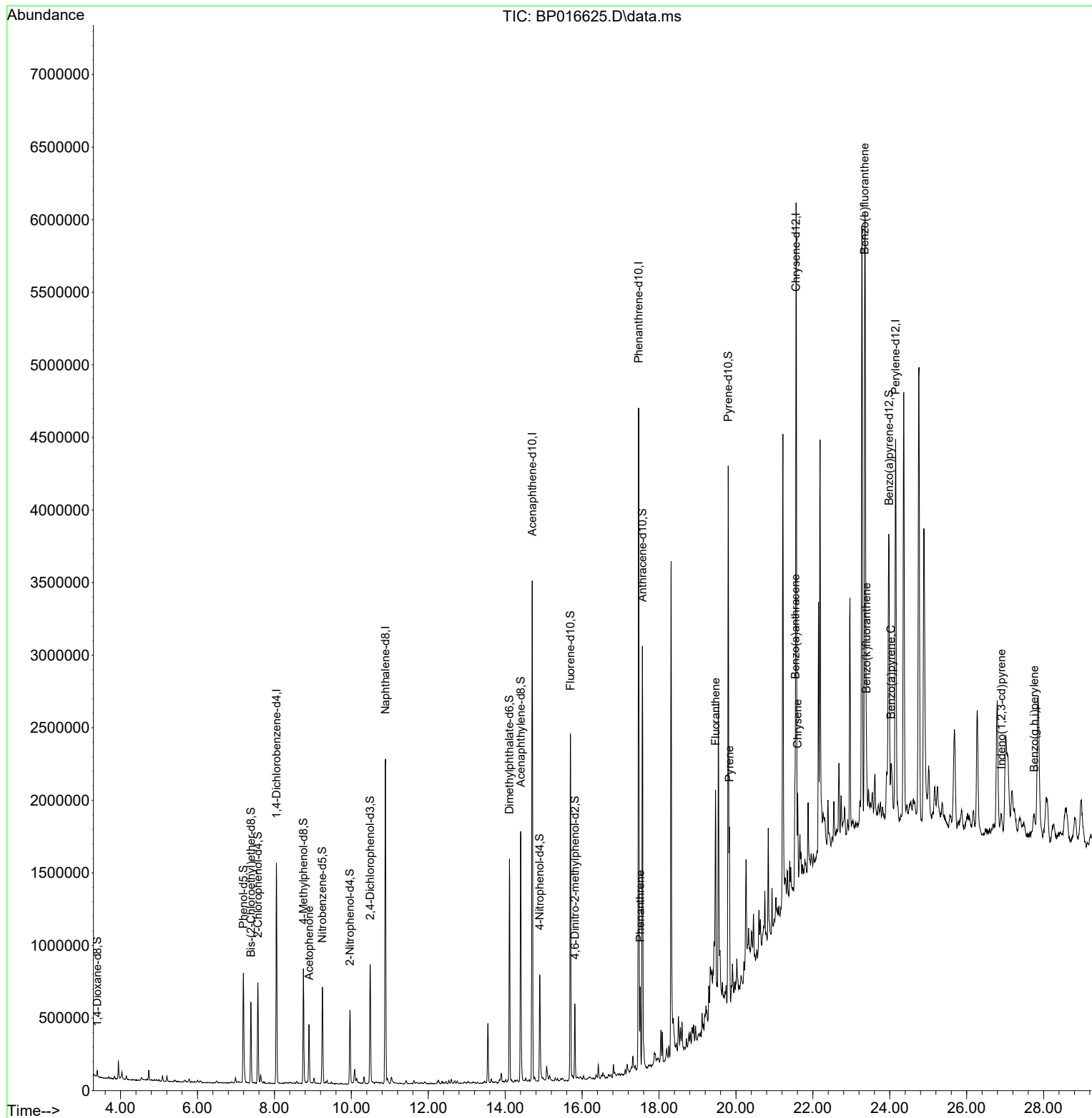
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016625.D
Acq On : 17 Aug 2023 04:18
Operator : MA/JU
Sample : 03967-23
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ALS Vial : 29 Sample Multiplier: 1

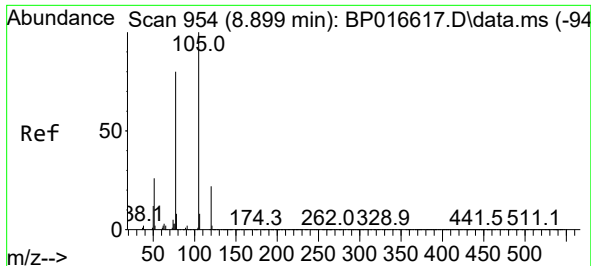
Instrument :
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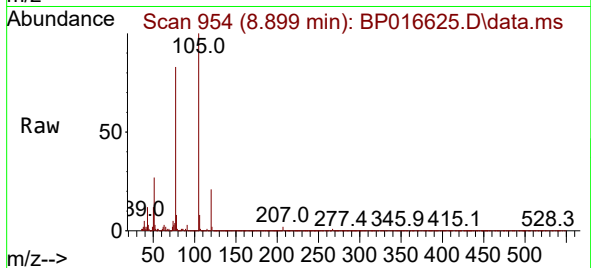
Quant Time: Aug 17 04:55:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 4.564 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP016625.D
Acq: 17 Aug 2023 04:18

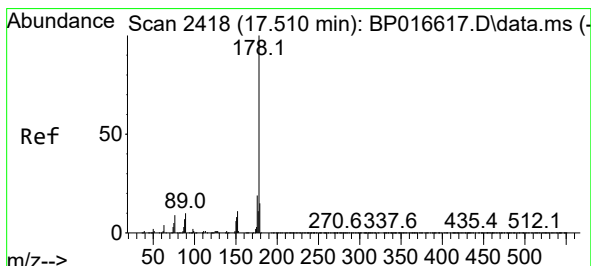
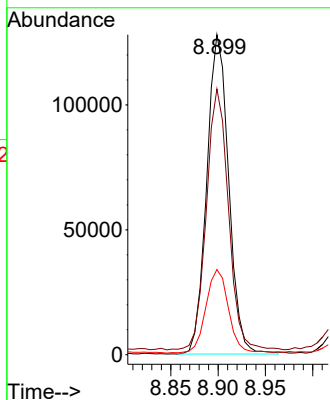
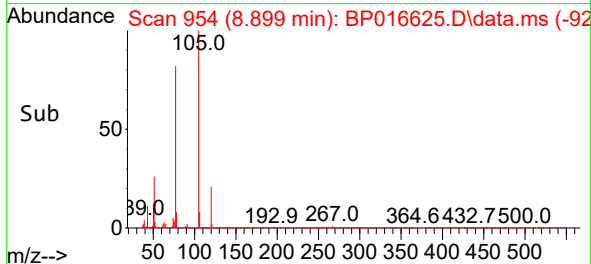
Instrument :
BNA_P
ClientSampleId :
A48N4



Tgt Ion:105 Resp: 20642
Ion Ratio Lower Upper
105 100
77 83.1 64.4 96.6
51 26.6 21.2 31.8

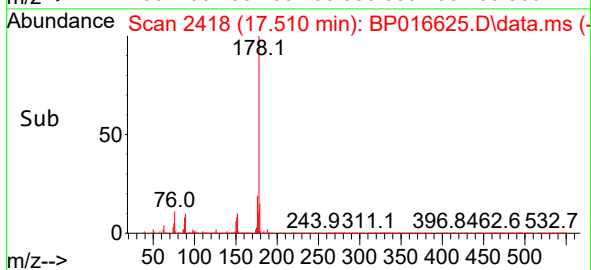
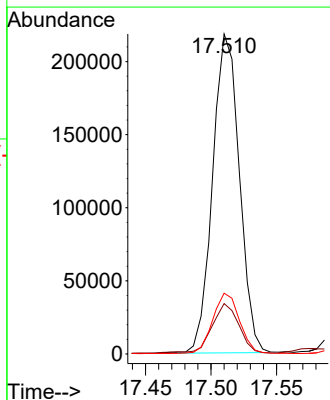
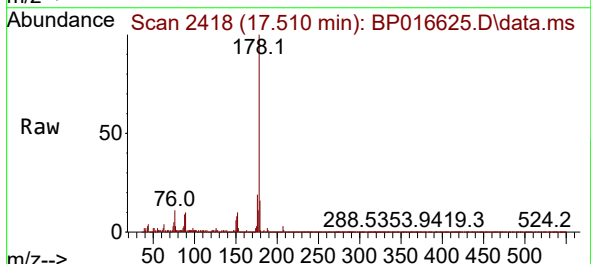
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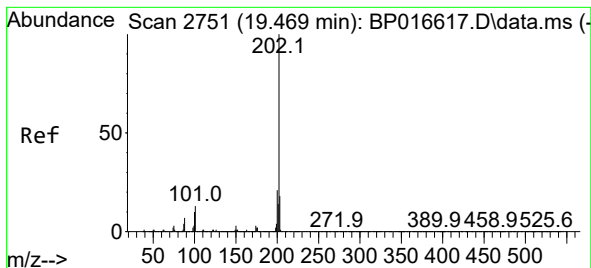
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#72
Phenanthrene
Concen: 2.285 ng/ul
RT: 17.510 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP016625.D
Acq: 17 Aug 2023 04:18

Tgt Ion:178 Resp: 309217
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.0 15.5 23.3





#80

Fluoranthene

Concen: 5.093 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016625.D

Acq: 17 Aug 2023 04:18

Instrument :

BNA_P

ClientSampleId :

A48N4

Tgt Ion:202 Resp: 666988

Ion Ratio Lower Upper

202 100

101 14.3 10.6 16.0

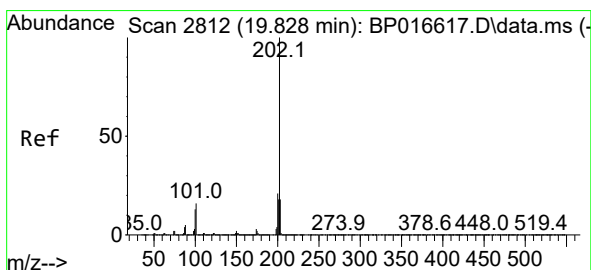
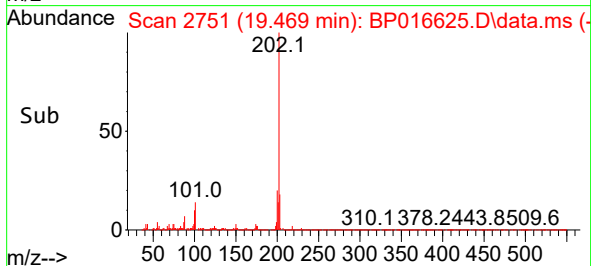
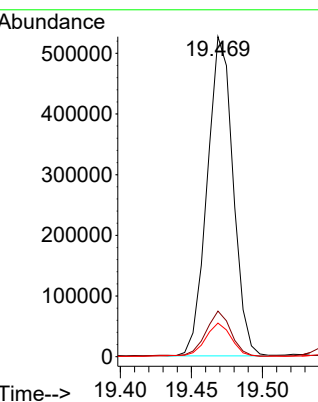
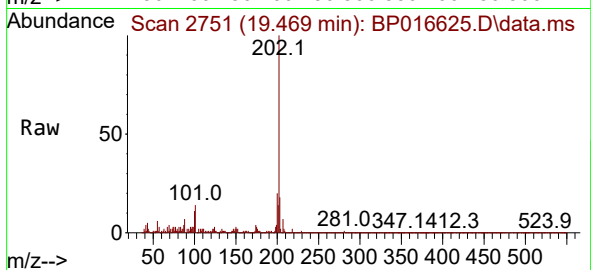
100 10.5 8.1 12.1

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#82

Pyrene

Concen: 4.439 ng/ul

RT: 19.828 min Scan# 2812

Delta R.T. -0.000 min

Lab File: BP016625.D

Acq: 17 Aug 2023 04:18

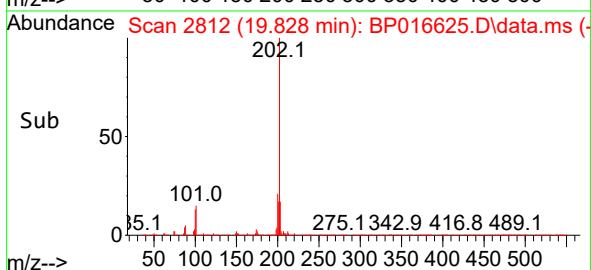
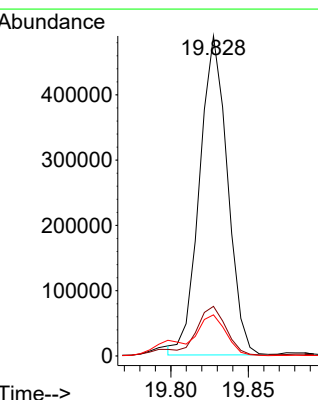
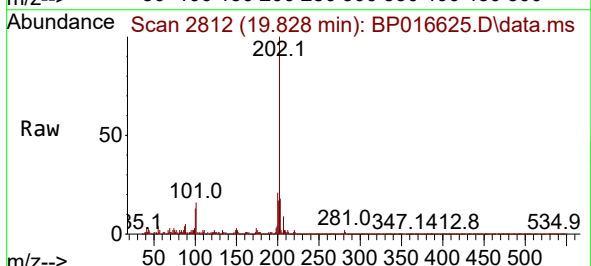
Tgt Ion:202 Resp: 613796

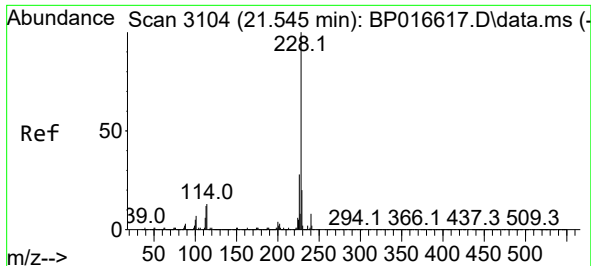
Ion Ratio Lower Upper

202 100

101 15.5 13.4 20.2

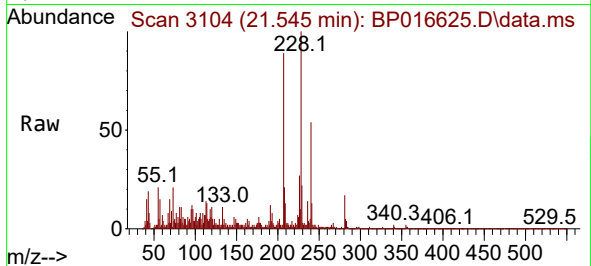
100 12.9 11.0 16.4





#85
Benzo(a)anthracene
Concen: 2.067 ng/ul
RT: 21.545 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP016625.D
Acq: 17 Aug 2023 04:18

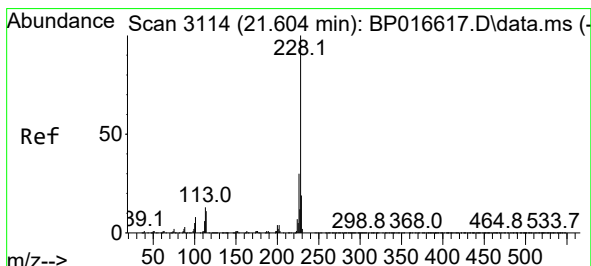
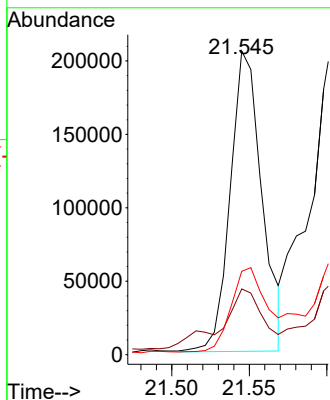
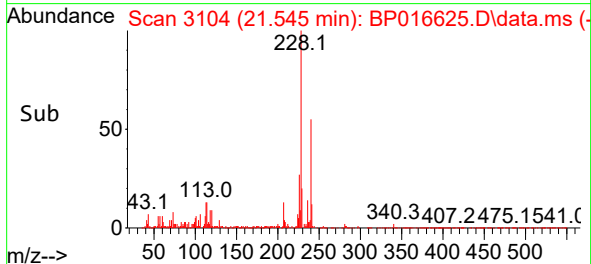
Instrument :
BNA_P
ClientSampleId :
A48N4



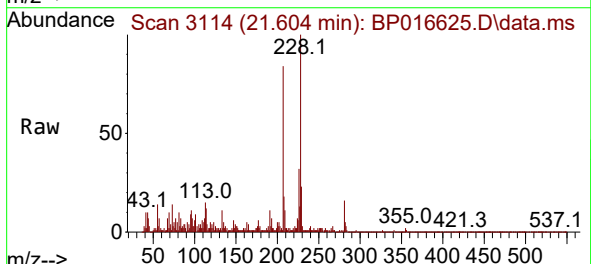
Tgt Ion:228 Resp: 290928
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 27.4 21.8 32.6

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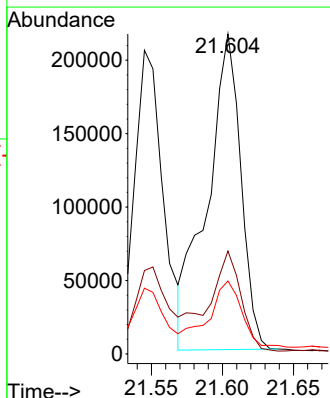
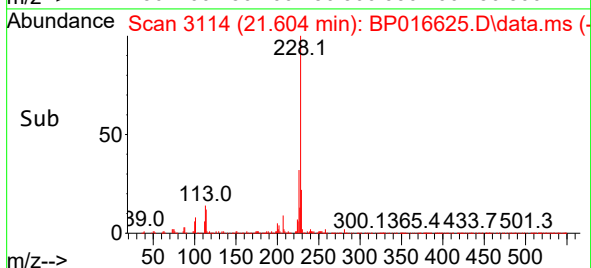
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

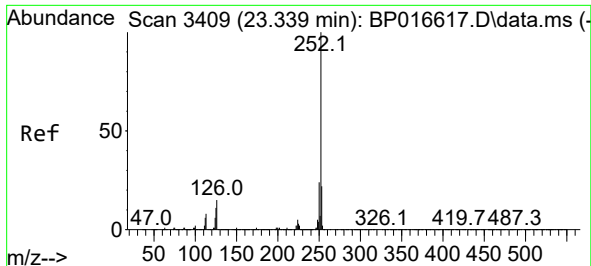


#87
Chrysene
Concen: 2.700 ng/ul
RT: 21.604 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP016625.D
Acq: 17 Aug 2023 04:18



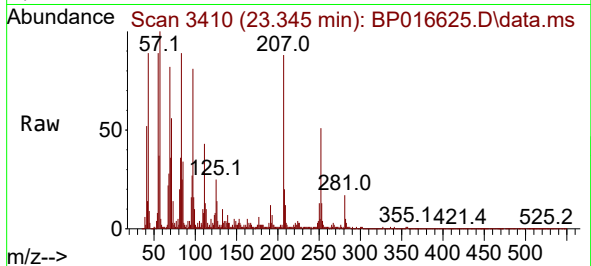
Tgt Ion:228 Resp: 355562
Ion Ratio Lower Upper
228 100
226 32.1 24.6 36.8
229 22.8 16.4 24.6





#90
Benzo(b)fluoranthene
Concen: 3.488 ng/ul
RT: 23.345 min Scan# 3409
Delta R.T. 0.006 min
Lab File: BP016625.D
Acq: 17 Aug 2023 04:18

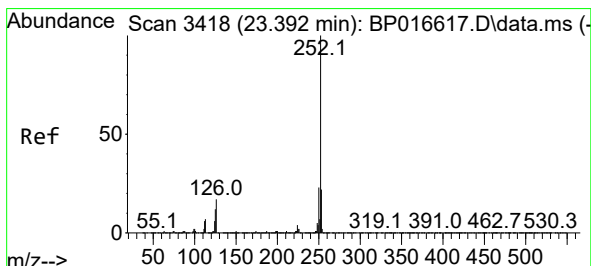
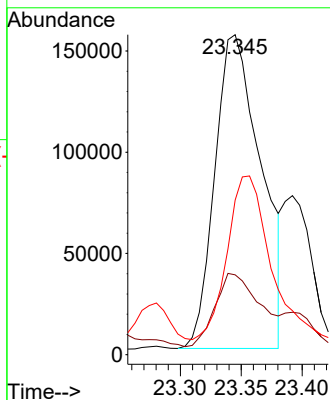
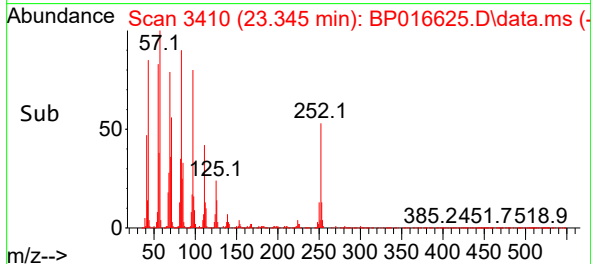
Instrument :
BNA_P
ClientSampleId :
A48N4



Tgt Ion:252 Resp: 409878
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.2
125 48.3 10.0 15.0

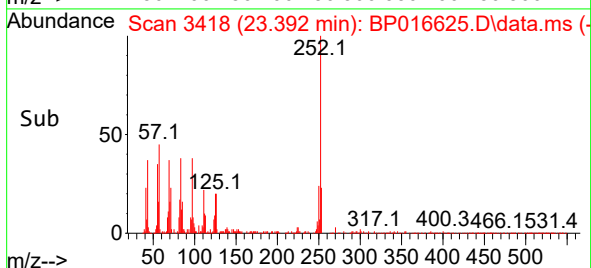
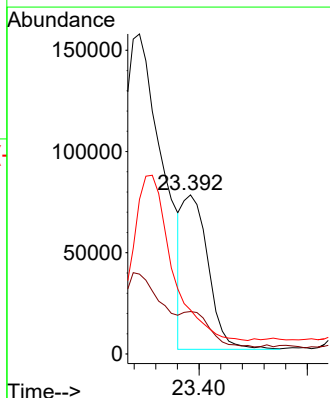
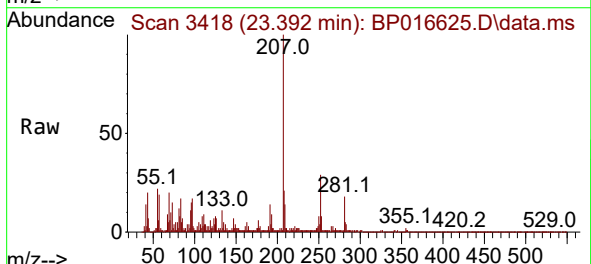
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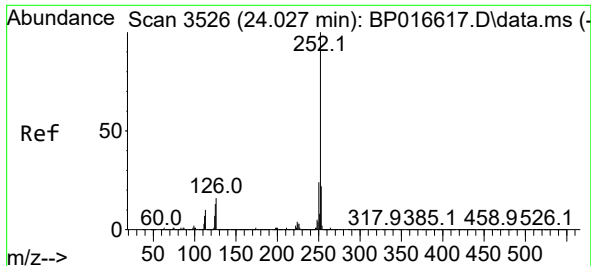
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#91
Benzo(k)fluoranthene
Concen: 1.088 ng/ul m
RT: 23.392 min Scan# 3418
Delta R.T. -0.000 min
Lab File: BP016625.D
Acq: 17 Aug 2023 04:18

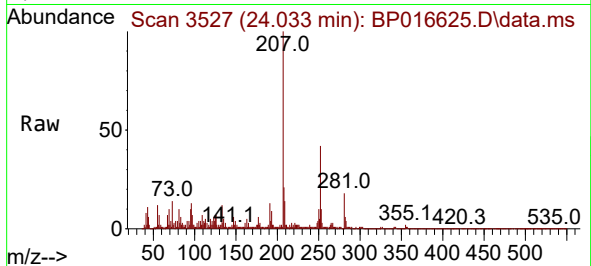
Tgt Ion:252 Resp: 126787
Ion Ratio Lower Upper
252 100
253 26.7 18.0 27.0
125 27.7 9.8 14.8





#93
Benzo(a)pyrene
Concen: 2.174 ng/ul
RT: 24.033 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP016625.D
Acq: 17 Aug 2023 04:18

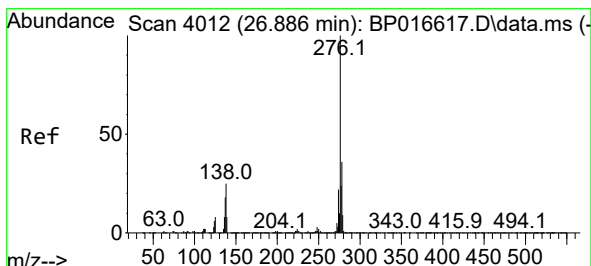
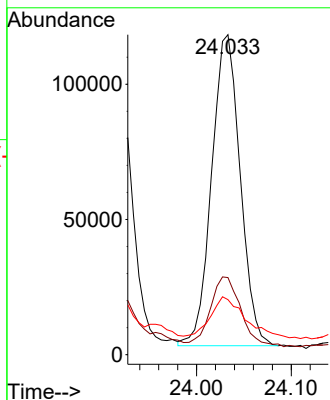
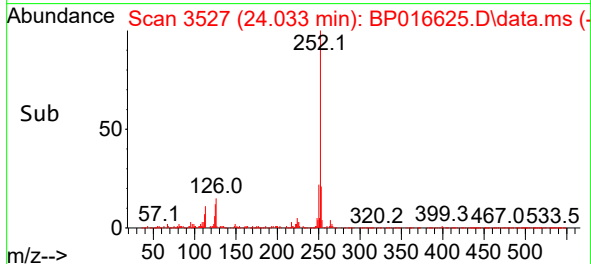
Instrument :
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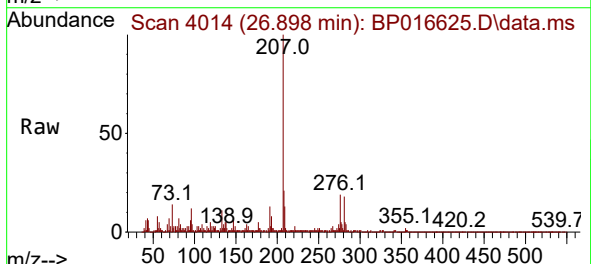
Tgt Ion:252 Resp: 241034
Ion Ratio Lower Upper
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125 17.2 10.6 15.8

Manual Integrations
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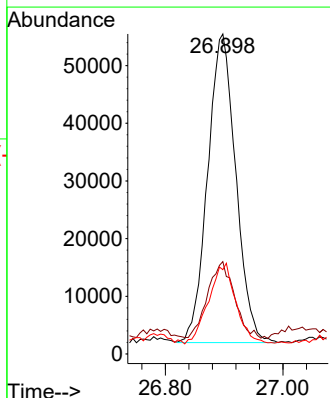
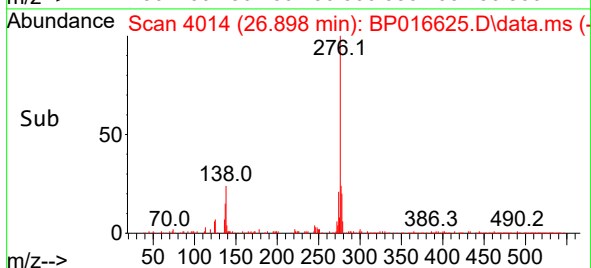
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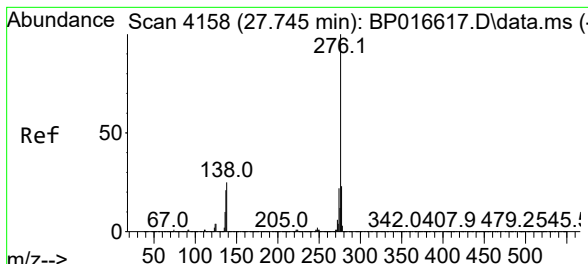


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.360 ng/ul
RT: 26.898 min Scan# 4014
Delta R.T. 0.012 min
Lab File: BP016625.D
Acq: 17 Aug 2023 04:18



Tgt Ion:276 Resp: 177867
Ion Ratio Lower Upper
276 100
138 28.9 21.7 32.5
277 26.3 19.5 29.3





#96
 Benzo(g,h,i)perylene
 Concen: 1.797 ng/ul
 RT: 27.757 min Scan# 4160
 Delta R.T. 0.012 min
 Lab File: BP016625.D
 Acq: 17 Aug 2023 04:18

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:	276	Resp:	18713
Ion Ratio	Lower	Upper	
276	100		
138	25.8	21.5	32.3
277	26.0	19.3	28.9

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