

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
 Data File : BP016624.D
 Acq On : 17 Aug 2023 03:44
 Operator : MA/JU
 Sample : 03967-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48N1

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 04:29:58 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	211123	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1029685	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	685359	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1645020	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1796264	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	2049776	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	19112	3.440	ng/uL	0.00
4) Pyridine-d5	3.840	84	21538	1.274	ng/u1	0.01
7) Phenol-d5	7.187	99	330526	16.981	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	220585	17.207	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	245701	17.575	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	221473	14.310	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	125277	17.291	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	121130	17.603	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	237119	17.510	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	69304	2.983	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	848956	17.126	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	979875	17.513	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	140076	13.871	ng/u1	0.00
60) Fluorene-d10	15.698	176	784380	18.561	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	70178	8.967	ng/u1	0.00
73) Anthracene-d10	17.569	188	1242263	17.458	ng/u1	0.00
81) Pyrene-d10	19.798	212	1680168	17.851	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1752828	17.844	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.899	105	100006	4.001	ng/u1	100
72) Phenanthrene	17.510	178	177259	2.045	ng/u1	99
80) Fluoranthene	19.469	202	596612	5.311	ng/u1	98
82) Pyrene	19.828	202	546289	4.605	ng/u1	99
85) Benzo(a)anthracene	21.545	228	323354	2.679	ng/u1	99
87) Chrysene	21.604	228	344545	3.050	ng/u1	97
90) Benzo(b)fluoranthene	23.339	252	497814	4.079	ng/u1#	76
91) Benzo(k)fluoranthene	23.386	252	179141m	1.480	ng/u1	
93) Benzo(a)pyrene	24.027	252	320851	2.787	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.886	276	235987	1.737	ng/u1	95
96) Benzo(g,h,i)perylene	27.745	276	219893	2.033	ng/u1	98

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

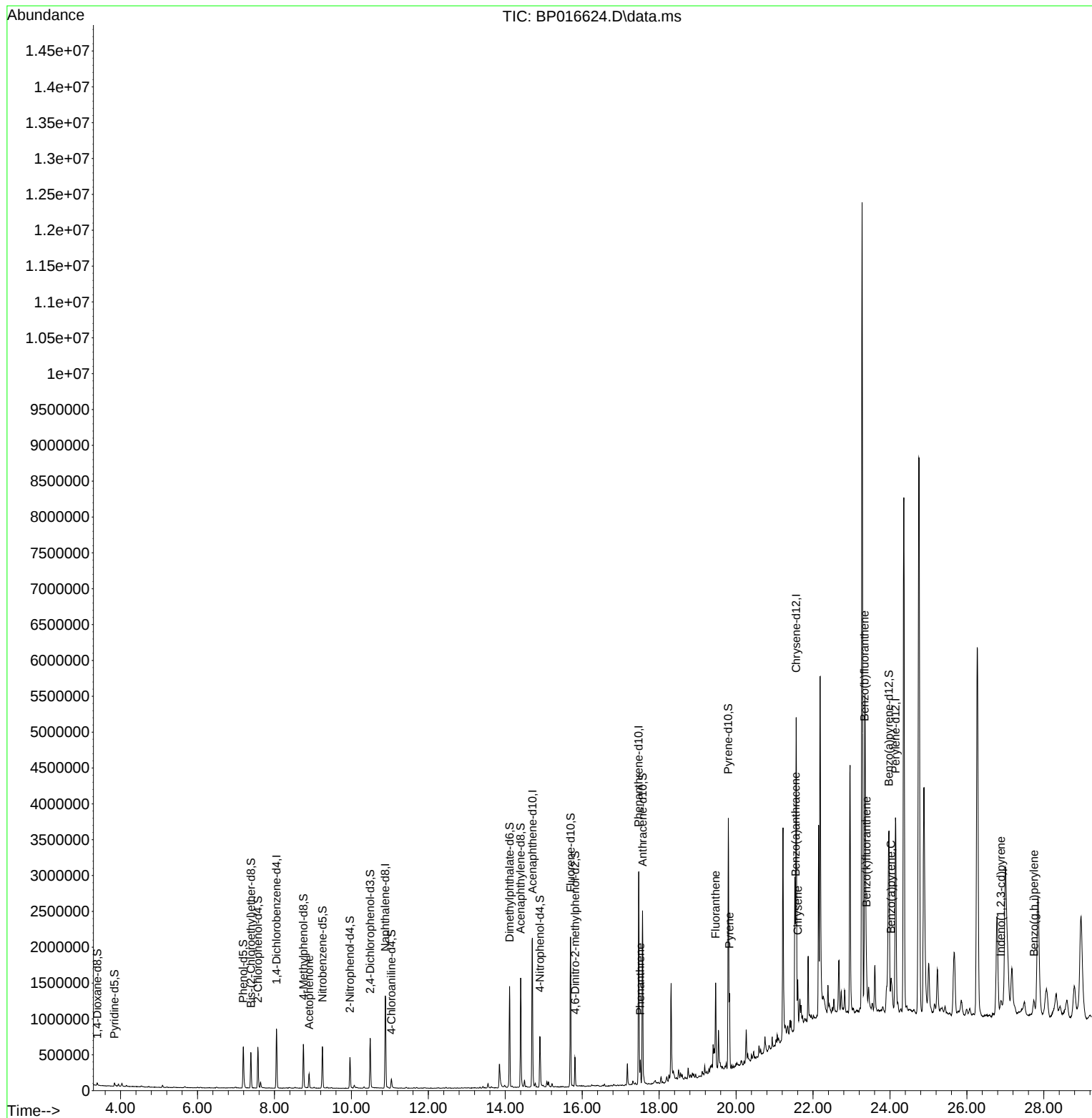
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016624.D
Acq On : 17 Aug 2023 03:44
Operator : MA/JU
Sample : 03967-22
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ALS Vial : 28 Sample Multiplier: 1

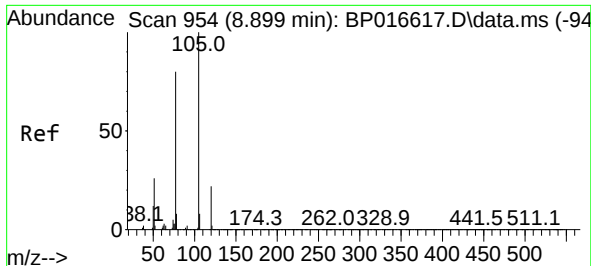
Instrument :
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ClientSampleId :
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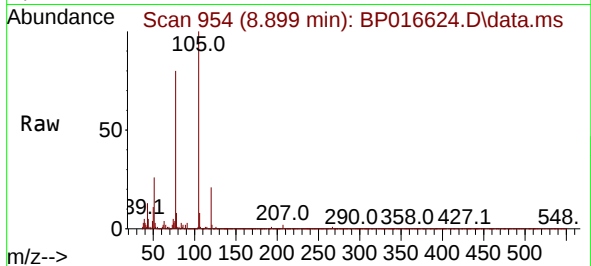
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 4.001 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP016624.D
Acq: 17 Aug 2023 03:44

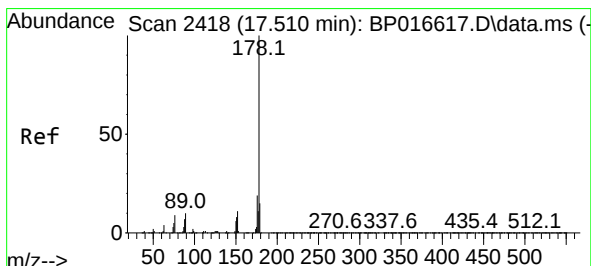
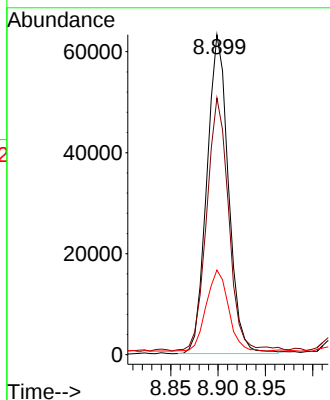
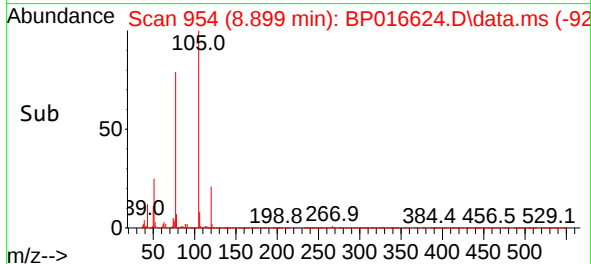
Instrument :
BNA_P
ClientSampleId :
A48N1



Tgt Ion:105 Resp: 100000
Ion Ratio Lower Upper
105 100
77 80.2 64.4 96.6
51 26.4 21.2 31.8

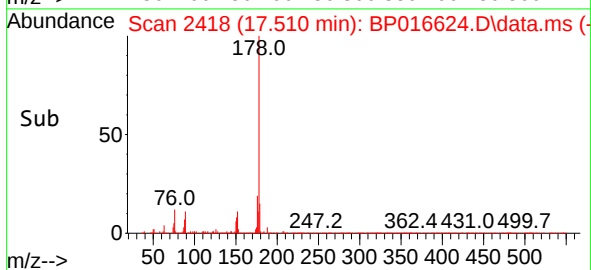
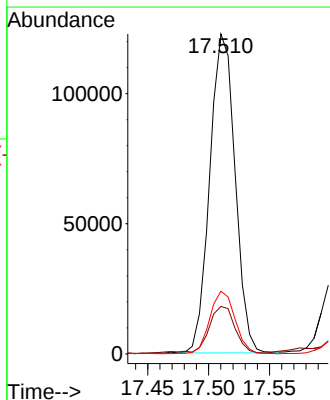
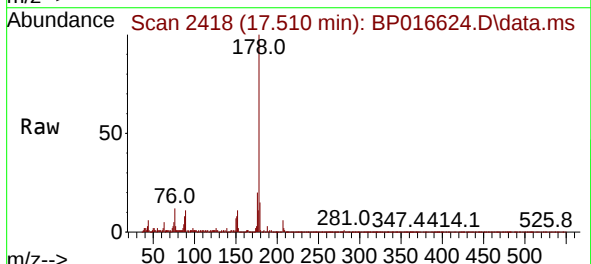
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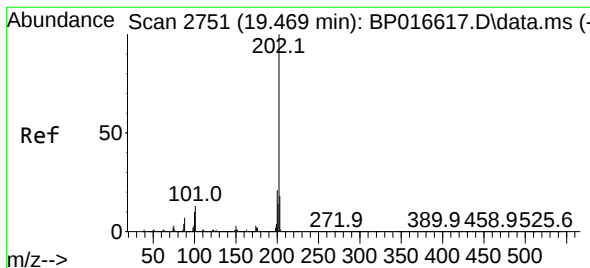
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#72
Phenanthrene
Concen: 2.045 ng/ul
RT: 17.510 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP016624.D
Acq: 17 Aug 2023 03:44

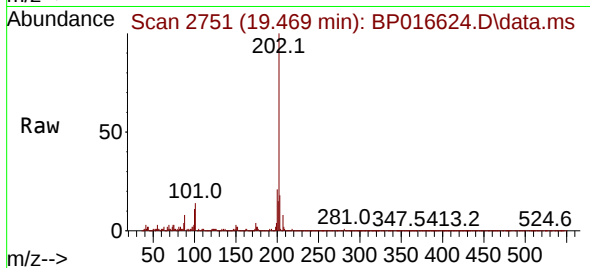
Tgt Ion:178 Resp: 177259
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 19.6 15.5 23.3





#80
Fluoranthene
Concen: 5.311 ng/ul
RT: 19.469 min Scan# 2751
Delta R.T. -0.000 min
Lab File: BP016624.D
Acq: 17 Aug 2023 03:44

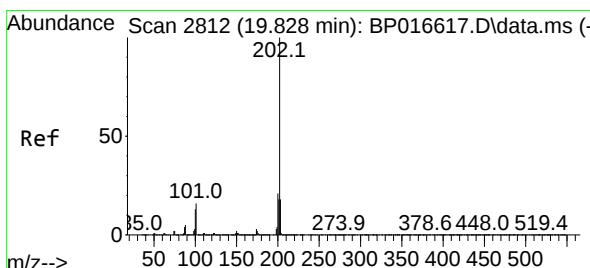
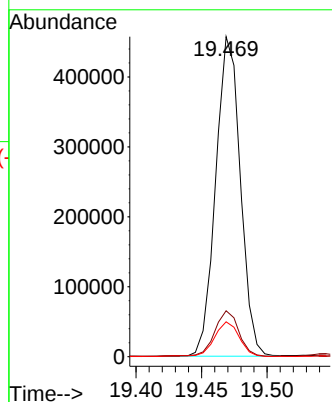
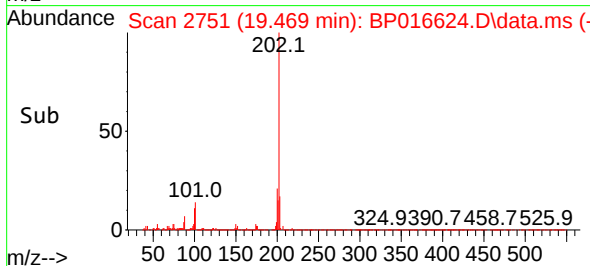
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ClientSampleId :
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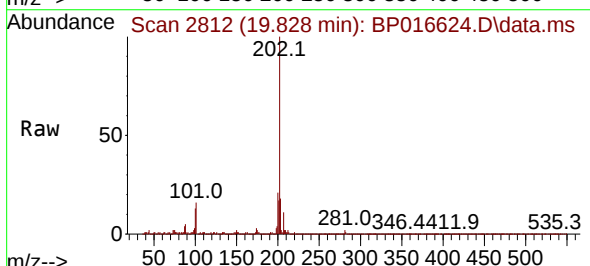
Tgt Ion:202 Resp: 596612
Ion Ratio Lower Upper
202 100
101 14.3 10.6 16.0
100 10.9 8.1 12.1

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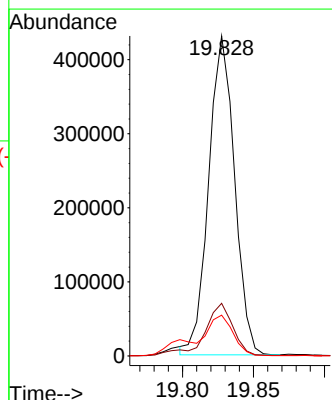
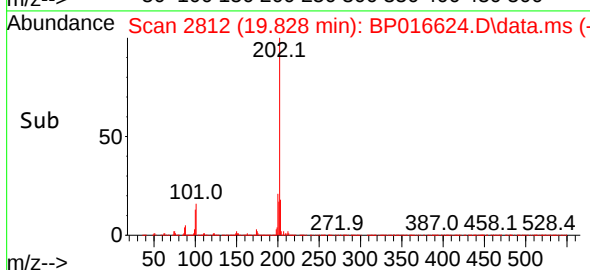
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

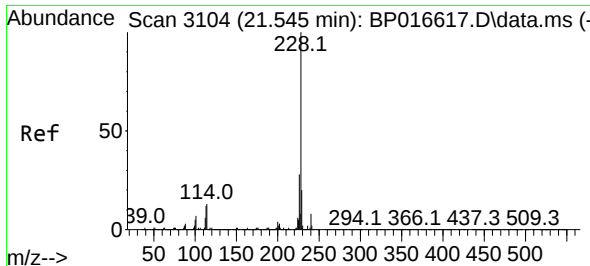


#82
Pyrene
Concen: 4.605 ng/ul
RT: 19.828 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP016624.D
Acq: 17 Aug 2023 03:44



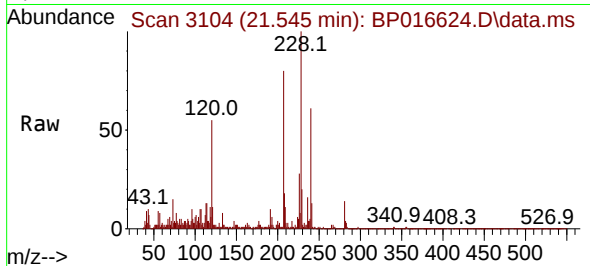
Tgt Ion:202 Resp: 546289
Ion Ratio Lower Upper
202 100
101 16.5 13.4 20.2
100 12.7 11.0 16.4





#85
Benzo(a)anthracene
Concen: 2.679 ng/ul
RT: 21.545 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP016624.D
Acq: 17 Aug 2023 03:44

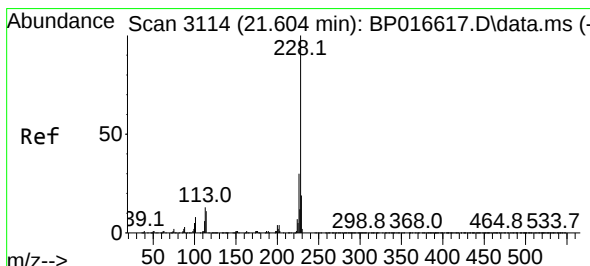
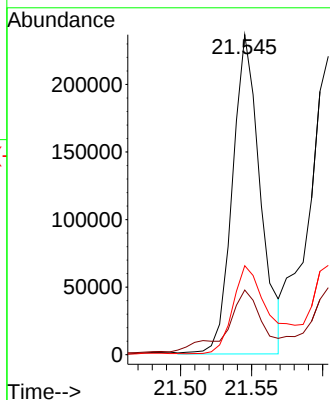
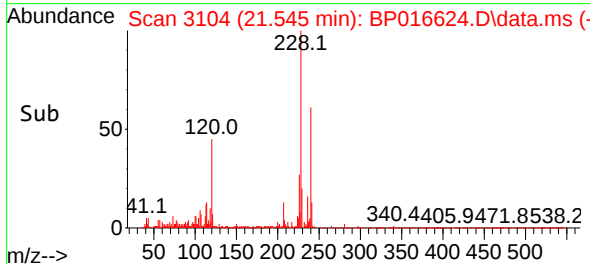
Instrument :
BNA_P
ClientSampleId :
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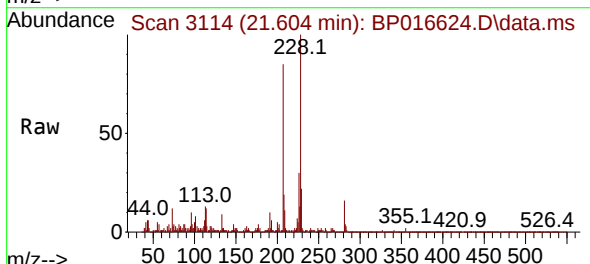
Tgt Ion:228 Resp: 323354
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 27.8 21.8 32.6

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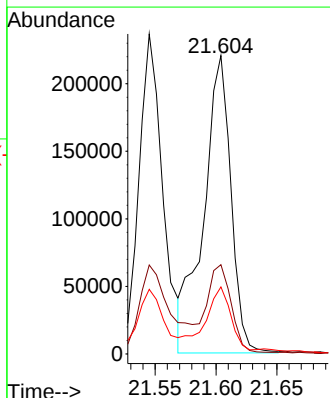
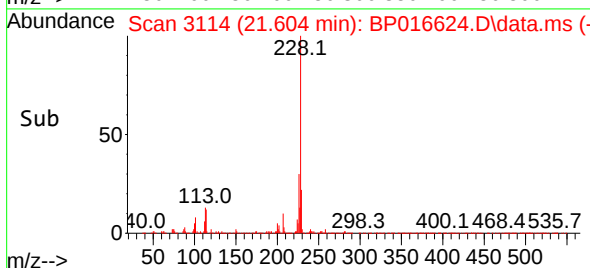
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

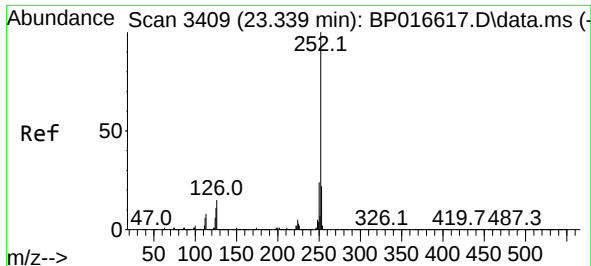


#87
Chrysene
Concen: 3.050 ng/ul
RT: 21.604 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP016624.D
Acq: 17 Aug 2023 03:44



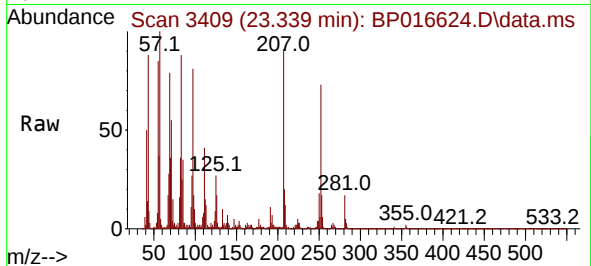
Tgt Ion:228 Resp: 344545
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 22.5 16.4 24.6





#90
Benzo(b)fluoranthene
Concen: 4.079 ng/ul
RT: 23.339 min Scan# 3409
Delta R.T. -0.000 min
Lab File: BP016624.D
Acq: 17 Aug 2023 03:44

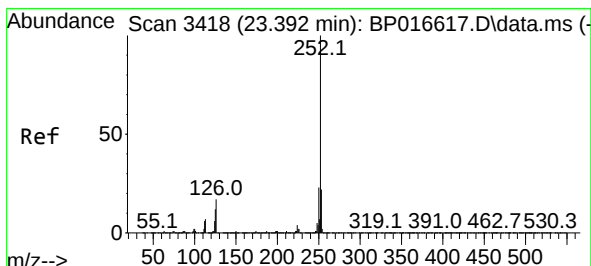
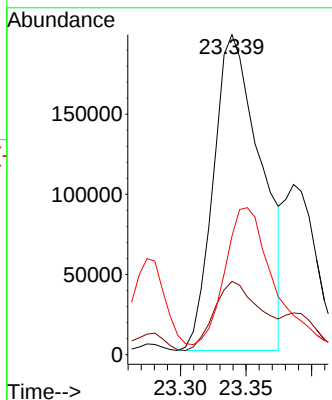
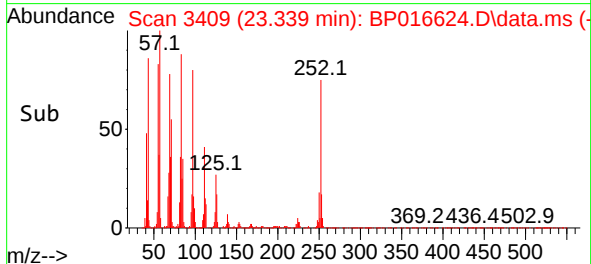
Instrument :
BNA_P
ClientSampleId :
A48N1



Tgt Ion:252 Resp: 497814
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 37.0 10.0 15.0

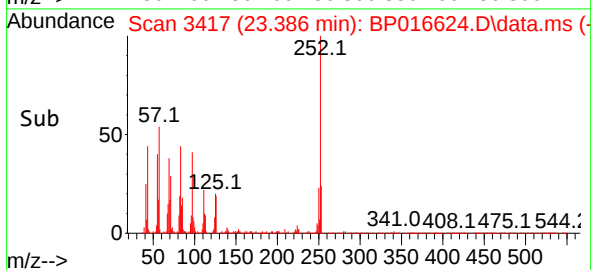
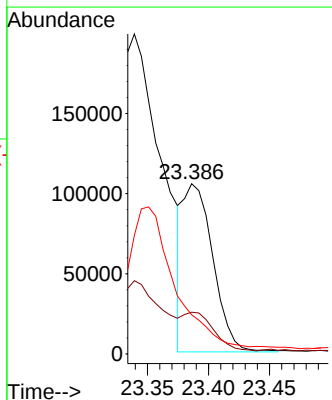
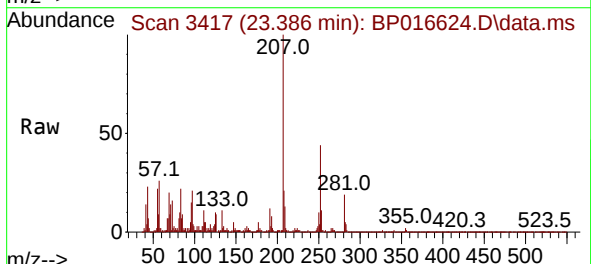
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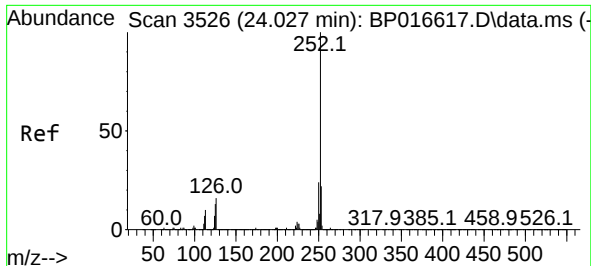
Reviewed By :Yogesh Patel 08/17/2023
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#91
Benzo(k)fluoranthene
Concen: 1.480 ng/ul m
RT: 23.386 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BP016624.D
Acq: 17 Aug 2023 03:44

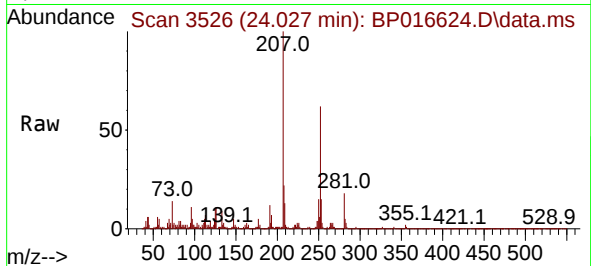
Tgt Ion:252 Resp: 179141
Ion Ratio Lower Upper
252 100
253 24.5 18.0 27.0
125 23.0 9.8 14.8





#93
Benzo(a)pyrene
Concen: 2.787 ng/ul
RT: 24.027 min Scan# 3526
Delta R.T. -0.000 min
Lab File: BP016624.D
Acq: 17 Aug 2023 03:44

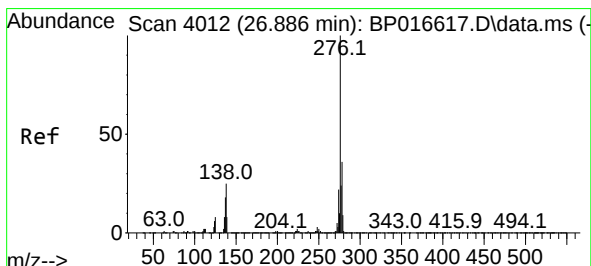
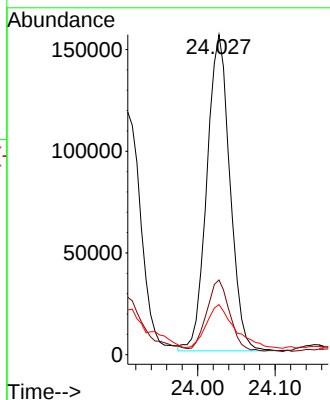
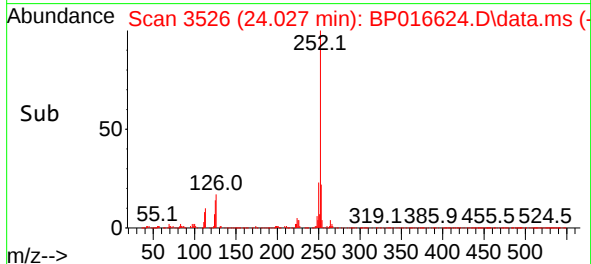
Instrument :
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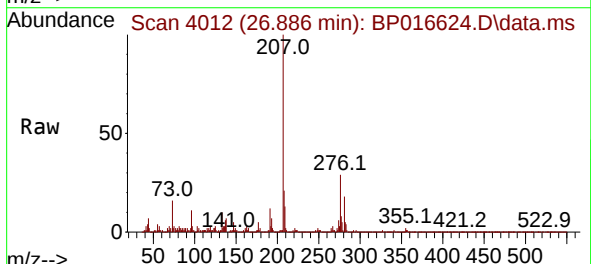
Tgt Ion:252 Resp: 32085
Ion Ratio Lower Upper
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125 15.7 10.6 15.8

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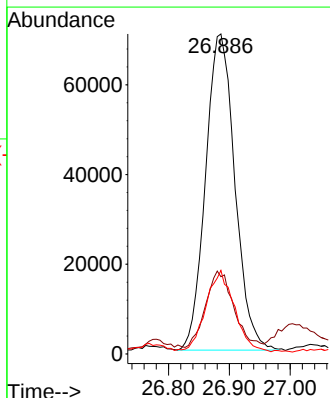
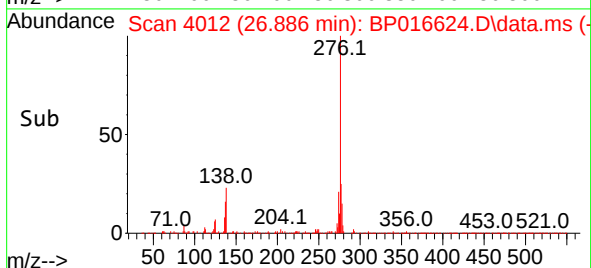
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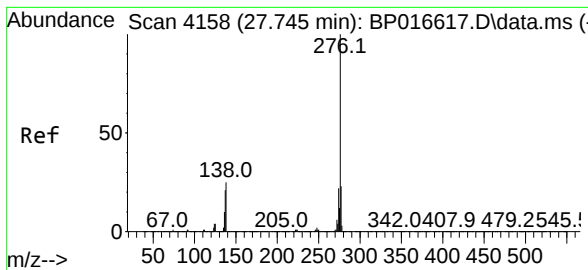


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.737 ng/ul
RT: 26.886 min Scan# 4012
Delta R.T. -0.000 min
Lab File: BP016624.D
Acq: 17 Aug 2023 03:44



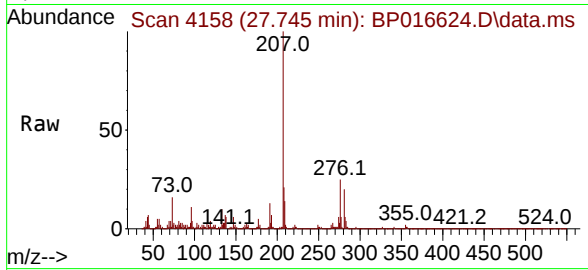
Tgt Ion:276 Resp: 235987
Ion Ratio Lower Upper
276 100
138 24.2 21.7 32.5
277 26.1 19.5 29.3





#96
 Benzo(g,h,i)perylene
 Concen: 2.033 ng/ul
 RT: 27.745 min Scan# 4158
 Delta R.T. -0.000 min
 Lab File: BP016624.D
 Acq: 17 Aug 2023 03:44

Instrument :
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Tgt Ion:	276	Resp:	21989
Ion Ratio	Lower	Upper	
276	100		
138	24.9	21.5	32.3
277	24.1	19.3	28.9

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