

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
 Data File : BP016616.D
 Acq On : 16 Aug 2023 22:39
 Operator : MA/JU
 Sample : 03967-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48M6

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 01:33:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	240566	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.887	136	1156604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	759812	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1818188	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	1884882	20.000	ng/ul	-0.01
88) Perylene-d12	24.145	264	2094933	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	21751	3.436	ng/uL	0.00
4) Pyridine-d5	3.840	84	24181	1.255	ng/ul	0.00
7) Phenol-d5	7.193	99	399287	18.003	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	258007	17.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	286125	17.962	ng/ul	-0.01
15) 4-Methylphenol-d8	8.751	113	297552	16.873	ng/ul	-0.01
21) Nitrobenzene-d5	9.251	128	149725	18.398	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	148660	19.233	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.487	165	296951	19.522	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.039	131	184197	7.058	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1072093	19.508	ng/ul	-0.01
49) Acenaphthylene-d8	14.404	160	1221014	19.684	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	157116	14.034	ng/ul	0.00
60) Fluorene-d10	15.698	176	987147	21.070	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	102819	11.887	ng/ul	0.00
73) Anthracene-d10	17.569	188	1618681	20.582	ng/ul	0.00
81) Pyrene-d10	19.798	212	2102270	21.286	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2122527	21.141	ng/ul	-0.01
Target Compounds					Qvalue	
8) Phenol	7.222	94	26222	1.106	ng/ul	96
16) Acetophenone	8.898	105	160745	5.645	ng/ul	99
72) Phenanthrene	17.510	178	220767	2.305	ng/ul	100
80) Fluoranthene	19.468	202	499176	4.235	ng/ul	99
82) Pyrene	19.827	202	559392	4.494	ng/ul	98
85) Benzo(a)anthracene	21.545	228	255034	2.013	ng/ul	97
87) Chrysene	21.604	228	333841	2.816	ng/ul	98
90) Benzo(b)fluoranthene	23.339	252	456431	3.659	ng/ul#	86
91) Benzo(k)fluoranthene	23.386	252	143811m	1.162	ng/ul	
93) Benzo(a)pyrene	24.027	252	268433	2.281	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.886	276	207415	1.494	ng/ul	98
96) Benzo(g,h,i)perylene	27.739	276	215128	1.946	ng/ul	96

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

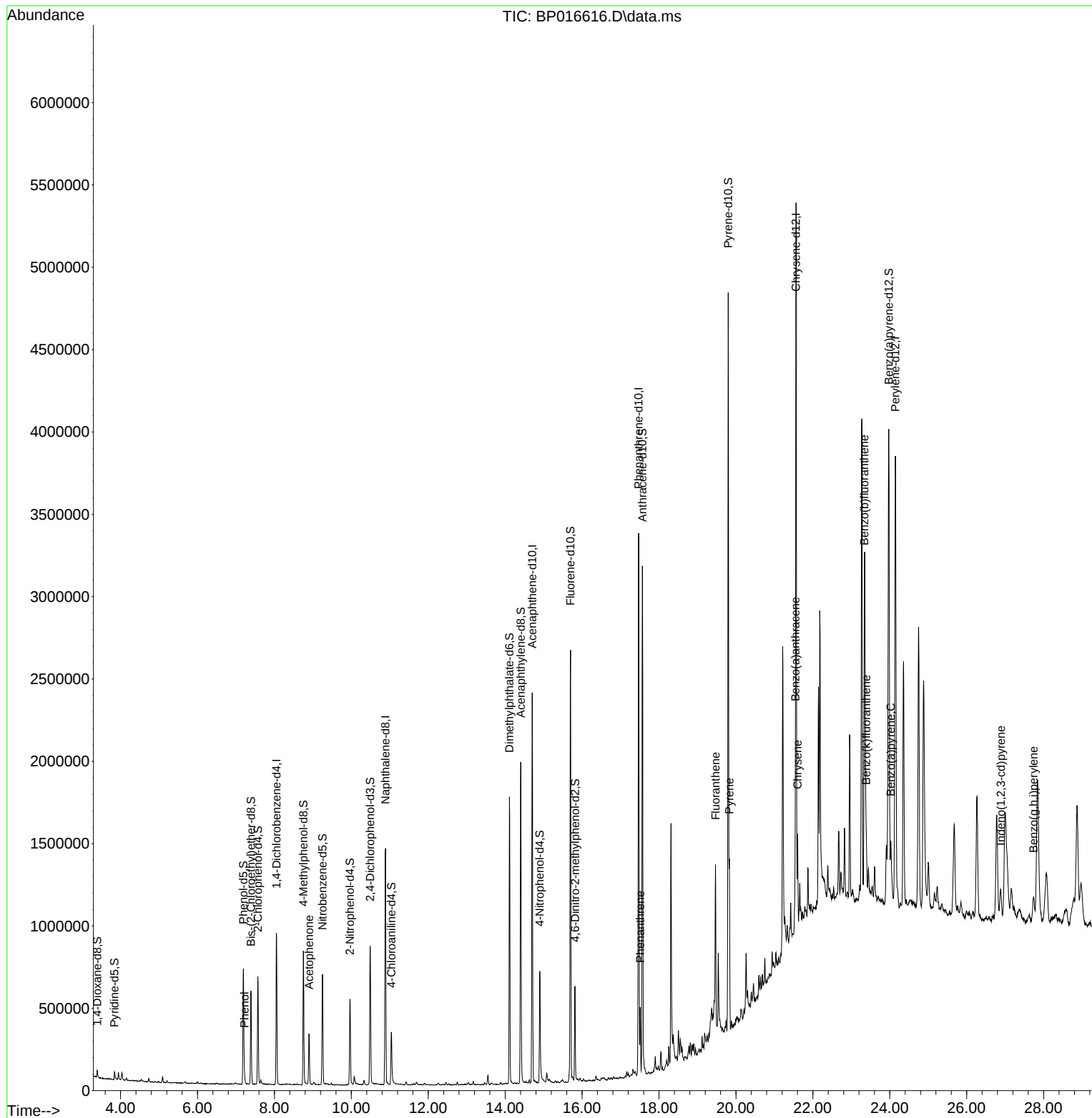
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016616.D
Acq On : 16 Aug 2023 22:39
Operator : MA/JU
Sample : 03967-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

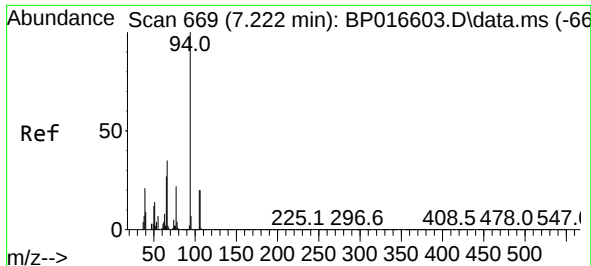
Instrument :
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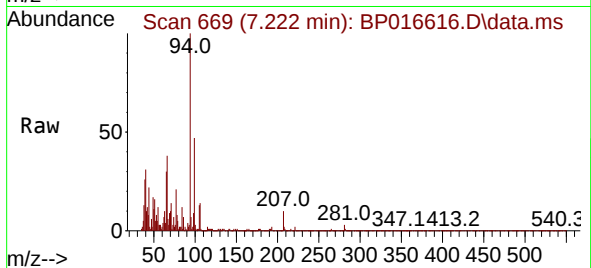
Quant Time: Aug 17 01:33:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration





#8
Phenol
Concen: 1.106 ng/ul
RT: 7.222 min Scan# 609
Delta R.T. -0.000 min
Lab File: BP016616.D
Acq: 16 Aug 2023 22:39

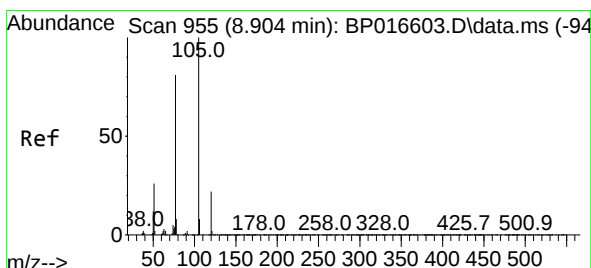
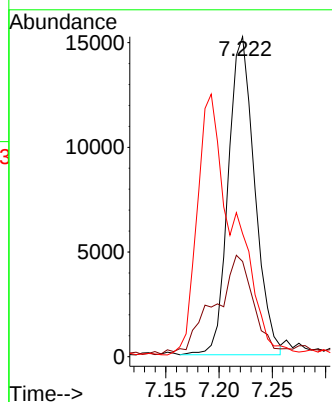
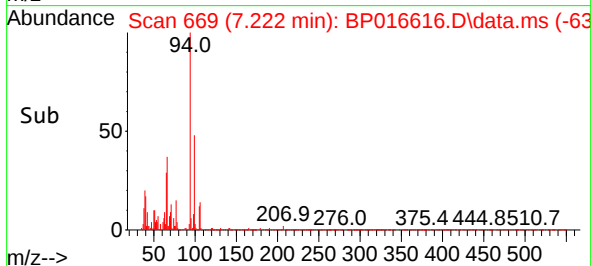
Instrument :
BNA_P
ClientSampleId :
A48M6



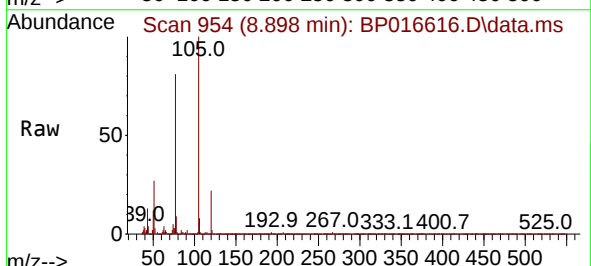
Tgt Ion: 94 Resp: 2622
Ion Ratio Lower Upper
94 100
65 29.7 22.3 33.5
66 38.4 28.7 43.1

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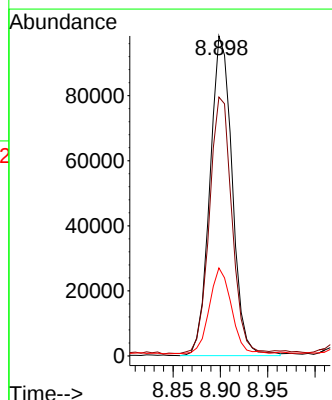
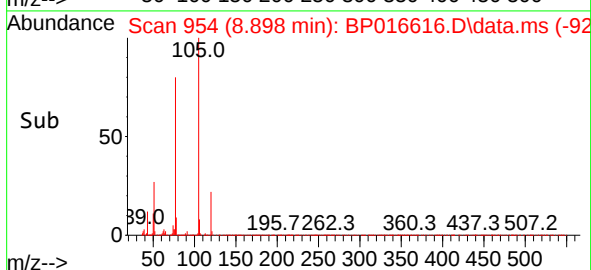
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

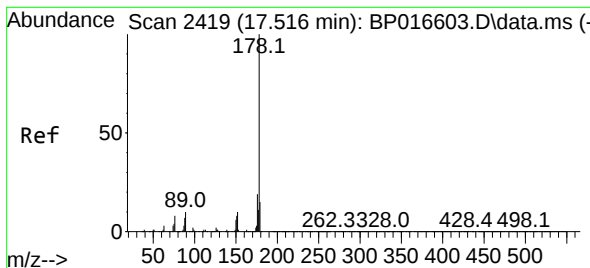


#16
Acetophenone
Concen: 5.645 ng/ul
RT: 8.898 min Scan# 954
Delta R.T. -0.012 min
Lab File: BP016616.D
Acq: 16 Aug 2023 22:39



Tgt Ion:105 Resp: 160745
Ion Ratio Lower Upper
105 100
77 80.9 64.4 96.6
51 27.5 21.2 31.8





#72

Phenanthrene

Concen: 2.305 ng/ul

RT: 17.510 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Instrument :

BNA_P

ClientSampleId :

A48M6

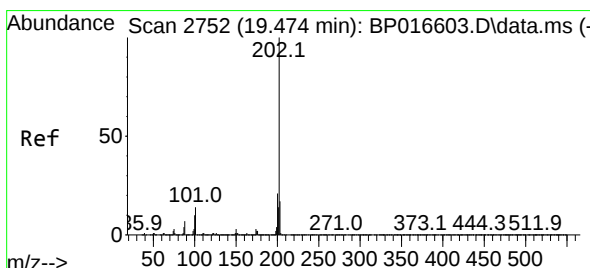
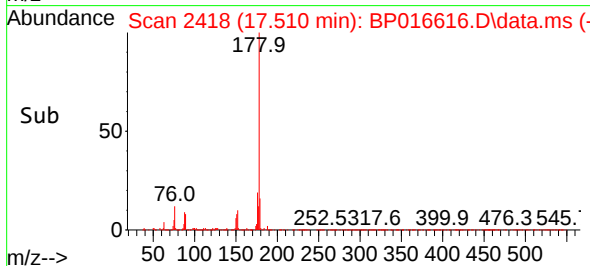
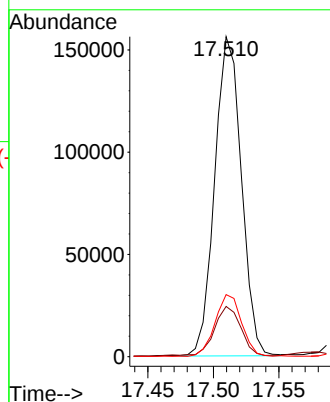
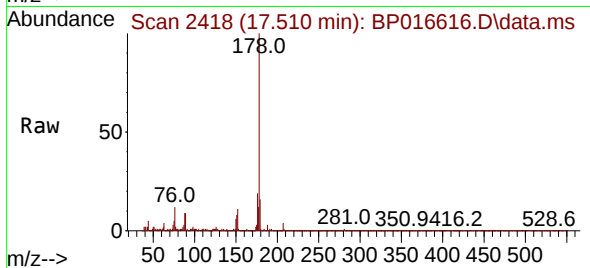
Tgt Ion:178	Resp: 22076
Ion Ratio	Lower Upper
178 100	
179 15.7	12.4 18.6
176 19.4	15.5 23.3

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#80

Fluoranthene

Concen: 4.235 ng/ul

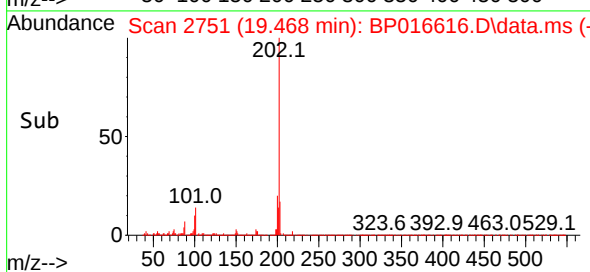
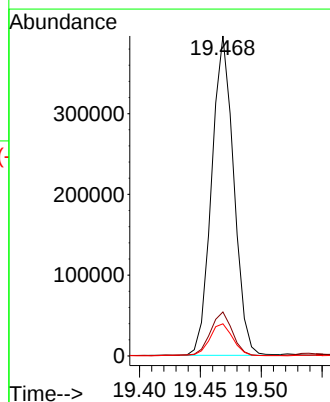
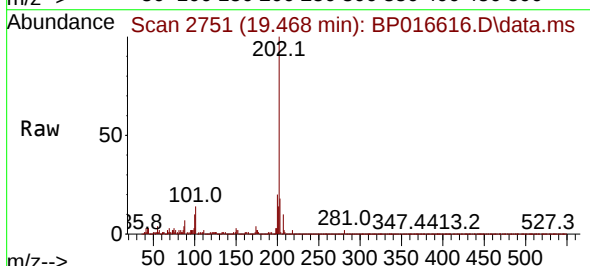
RT: 19.468 min Scan# 2751

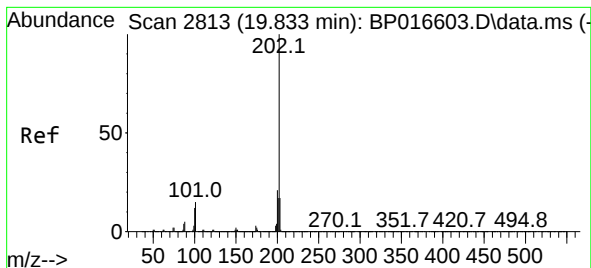
Delta R.T. -0.012 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Tgt Ion:202	Resp: 499176
Ion Ratio	Lower Upper
202 100	
101 13.7	10.6 16.0
100 10.1	8.1 12.1





#82

Pyrene

Concen: 4.494 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Instrument :

BNA_P

ClientSampleId :

A48M6

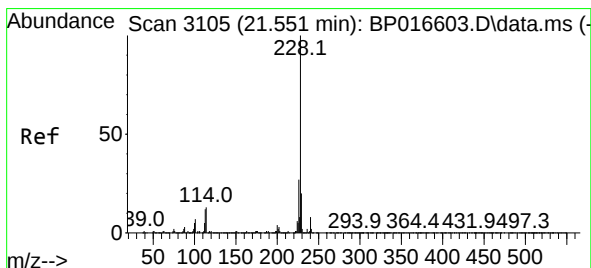
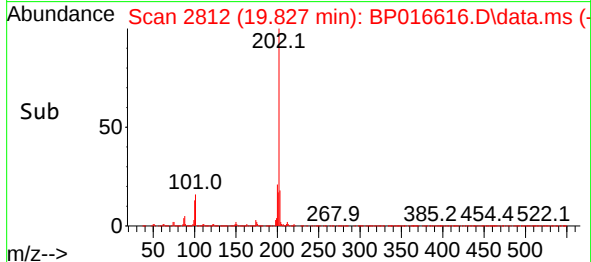
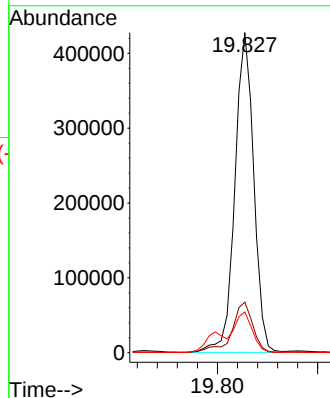
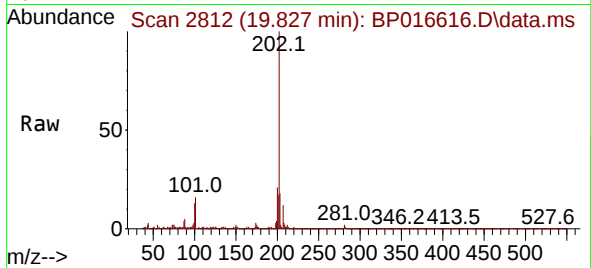
Tgt Ion:	202	Resp:	55939
Ion Ratio	Lower	Upper	
202	100		
101	15.8	13.4	20.2
100	12.7	11.0	16.4

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#85

Benzo(a)anthracene

Concen: 2.013 ng/ul

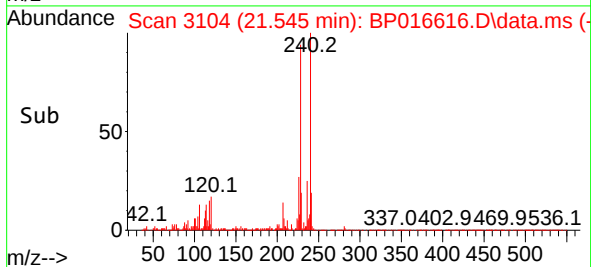
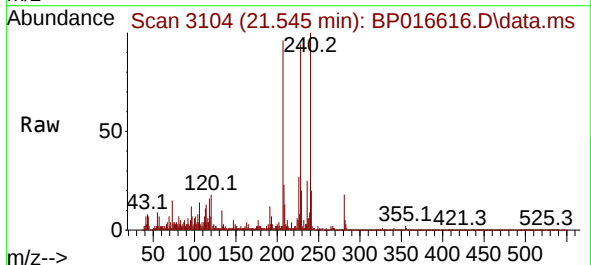
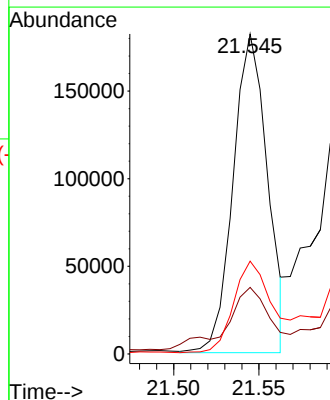
RT: 21.545 min Scan# 3104

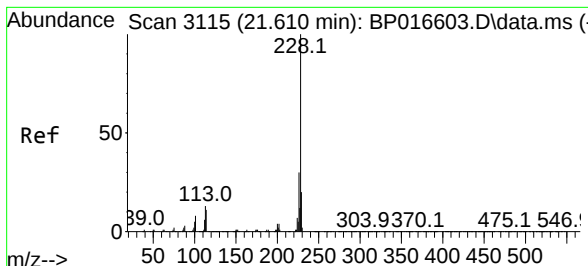
Delta R.T. -0.012 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Tgt Ion:	228	Resp:	255034
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.6
226	29.0	21.8	32.6





#87

Chrysene

Concen: 2.816 ng/ul

RT: 21.604 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Instrument :

BNA_P

ClientSampleId :

A48M6

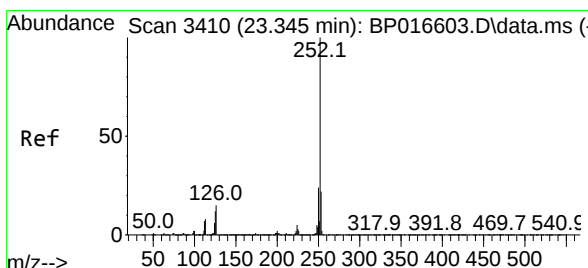
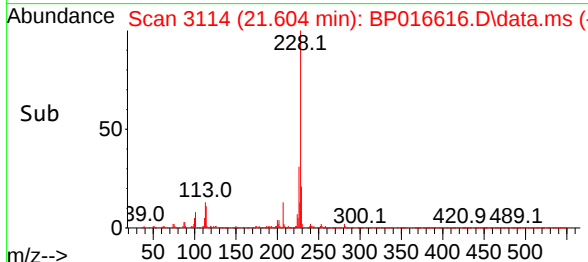
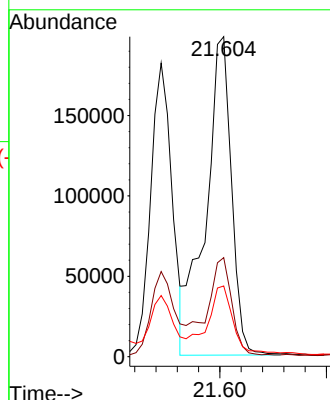
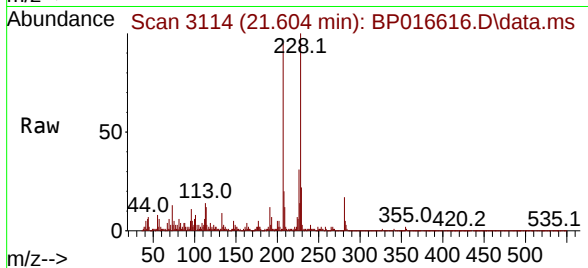
Tgt Ion:	228	Resp:	33384
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.6	36.8
229	22.1	16.4	24.6

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#90

Benzo(b)fluoranthene

Concen: 3.659 ng/ul

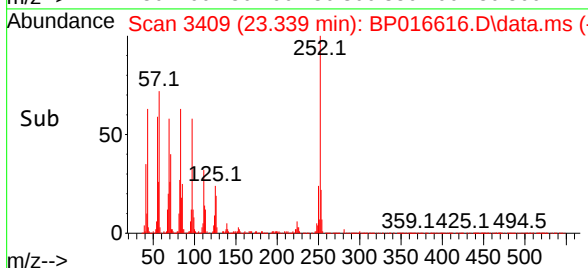
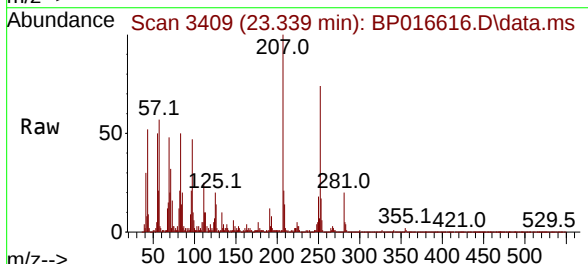
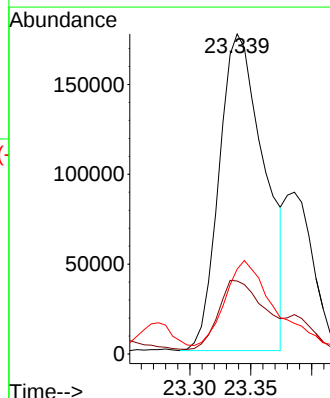
RT: 23.339 min Scan# 3409

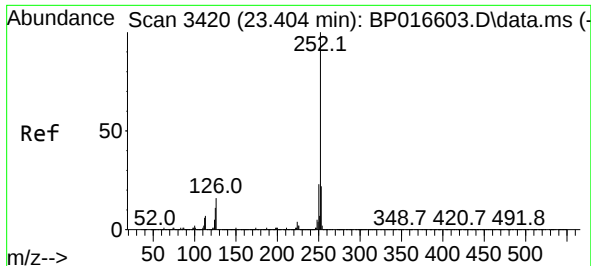
Delta R.T. -0.012 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

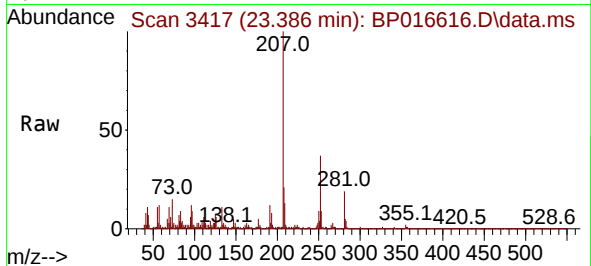
Tgt Ion:	252	Resp:	456431
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	26.5	10.0	15.0





#91
Benzo(k)fluoranthene
Concen: 1.162 ng/ul m
RT: 23.386 min Scan# 3417
Delta R.T. -0.018 min
Lab File: BP016616.D
Acq: 16 Aug 2023 22:39

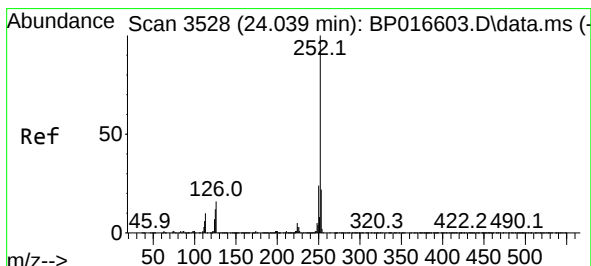
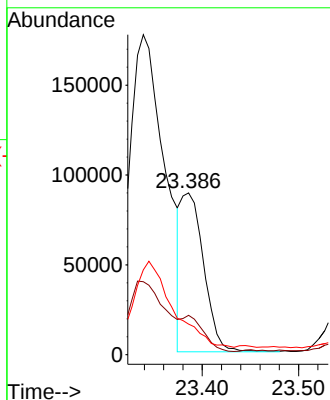
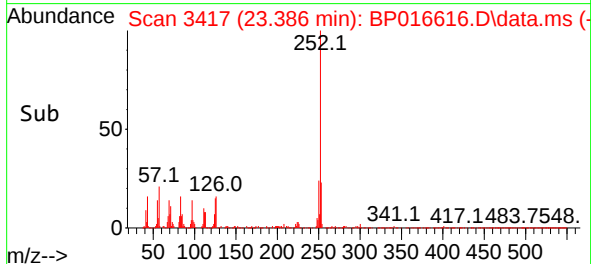
Instrument :
BNA_P
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A48M6



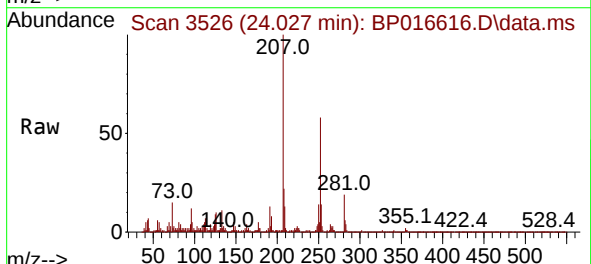
Tgt Ion:252 Resp: 14381
Ion Ratio Lower Upper
252 100
253 24.4 18.0 27.0
125 18.9 9.8 14.8

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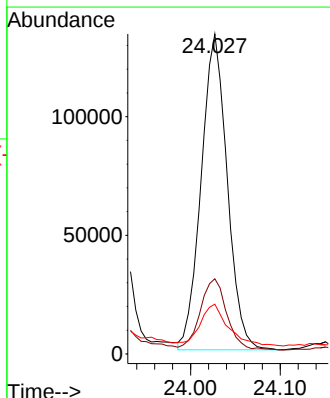
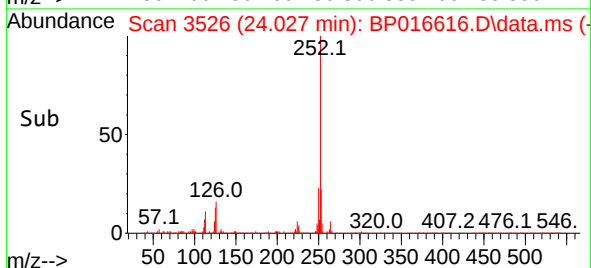
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

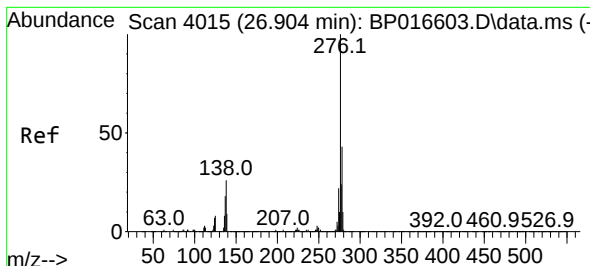


#93
Benzo(a)pyrene
Concen: 2.281 ng/ul
RT: 24.027 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BP016616.D
Acq: 16 Aug 2023 22:39



Tgt Ion:252 Resp: 268433
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 15.5 10.6 15.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.494 ng/ul

RT: 26.886 min Scan# 4015

Delta R.T. -0.024 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

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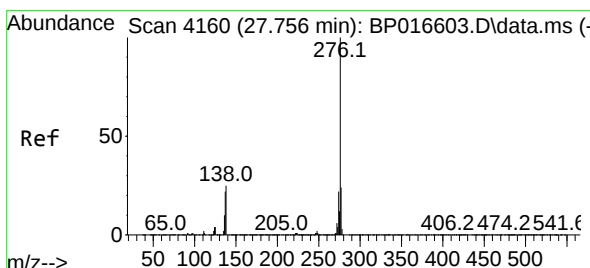
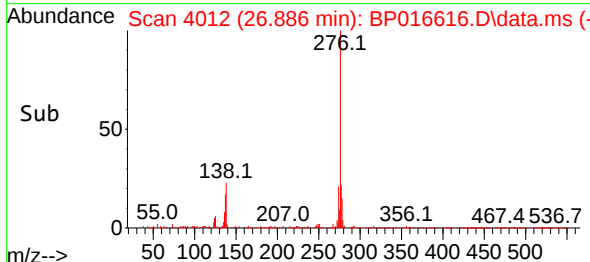
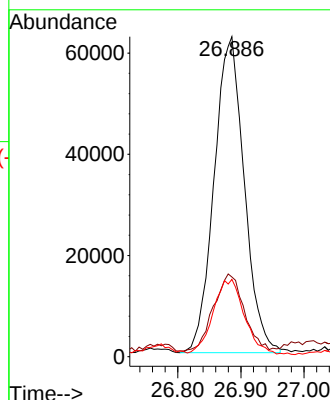
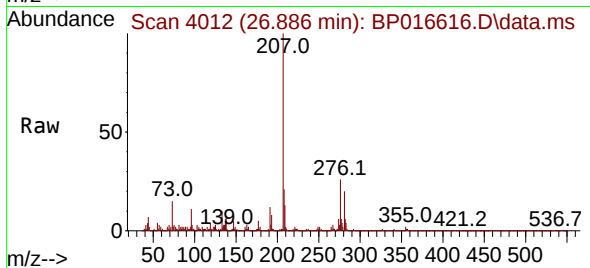
Tgt Ion:	276	Resp:	20741
Ion Ratio	Lower	Upper	
276	100		
138	24.9	21.7	32.5
277	24.2	19.5	29.3

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#96

Benzo(g,h,i)perylene

Concen: 1.946 ng/ul

RT: 27.739 min Scan# 4157

Delta R.T. -0.036 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Tgt Ion:	276	Resp:	215128
Ion Ratio	Lower	Upper	
276	100		
138	23.4	21.5	32.3
277	24.5	19.3	28.9

