

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
 Data File : BP016615.D
 Acq On : 16 Aug 2023 22:05
 Operator : MA/JU
 Sample : 03967-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48M2

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 01:30:04 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	8.052	152	350887	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.887	136	1657648	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	1075885	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	2468876	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	2344441	20.000	ng/u1	-0.01
88) Perylene-d12	24.145	264	2440009	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	27313	2.958	ng/uL	0.00
4) Pyridine-d5	3.840	84	39600	1.410	ng/u1	0.00
7) Phenol-d5	7.193	99	448455	13.863	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	288484	13.540	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	319655	13.758	ng/u1	-0.01
15) 4-Methylphenol-d8	8.752	113	336043	13.064	ng/u1	-0.01
21) Nitrobenzene-d5	9.252	128	166278	14.256	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	164735	14.870	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.493	165	316743	14.529	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	248315	6.638	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1113182	14.305	ng/u1	-0.01
49) Acenaphthylene-d8	14.404	160	1277248	14.542	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	160968	10.154	ng/u1	0.00
60) Fluorene-d10	15.698	176	1004889	15.147	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	102259	8.706	ng/u1	0.00
73) Anthracene-d10	17.569	188	1553649	14.548	ng/u1	0.00
81) Pyrene-d10	19.798	212	1945936	15.841	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1747663	14.946	ng/u1	-0.02
Target Compounds					Qvalue	
16) Acetophenone	8.899	105	136036	3.275	ng/u1	99
72) Phenanthrene	17.510	178	533687	4.103	ng/u1	100
80) Fluoranthene	19.469	202	1011239	6.897	ng/u1	99
82) Pyrene	19.828	202	883669	5.708	ng/u1	96
85) Benzo(a)anthracene	21.545	228	460446	2.922	ng/u1	98
87) Chrysene	21.604	228	457956	3.106	ng/u1	98
90) Benzo(b)fluoranthene	23.339	252	572475	3.940	ng/u1#	91
91) Benzo(k)fluoranthene	23.392	252	198766m	1.379	ng/u1	
93) Benzo(a)pyrene	24.027	252	372989	2.722	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.880	276	244057	1.509	ng/u1	97
96) Benzo(g,h,i)perylene	27.745	276	230931	1.794	ng/u1	99

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

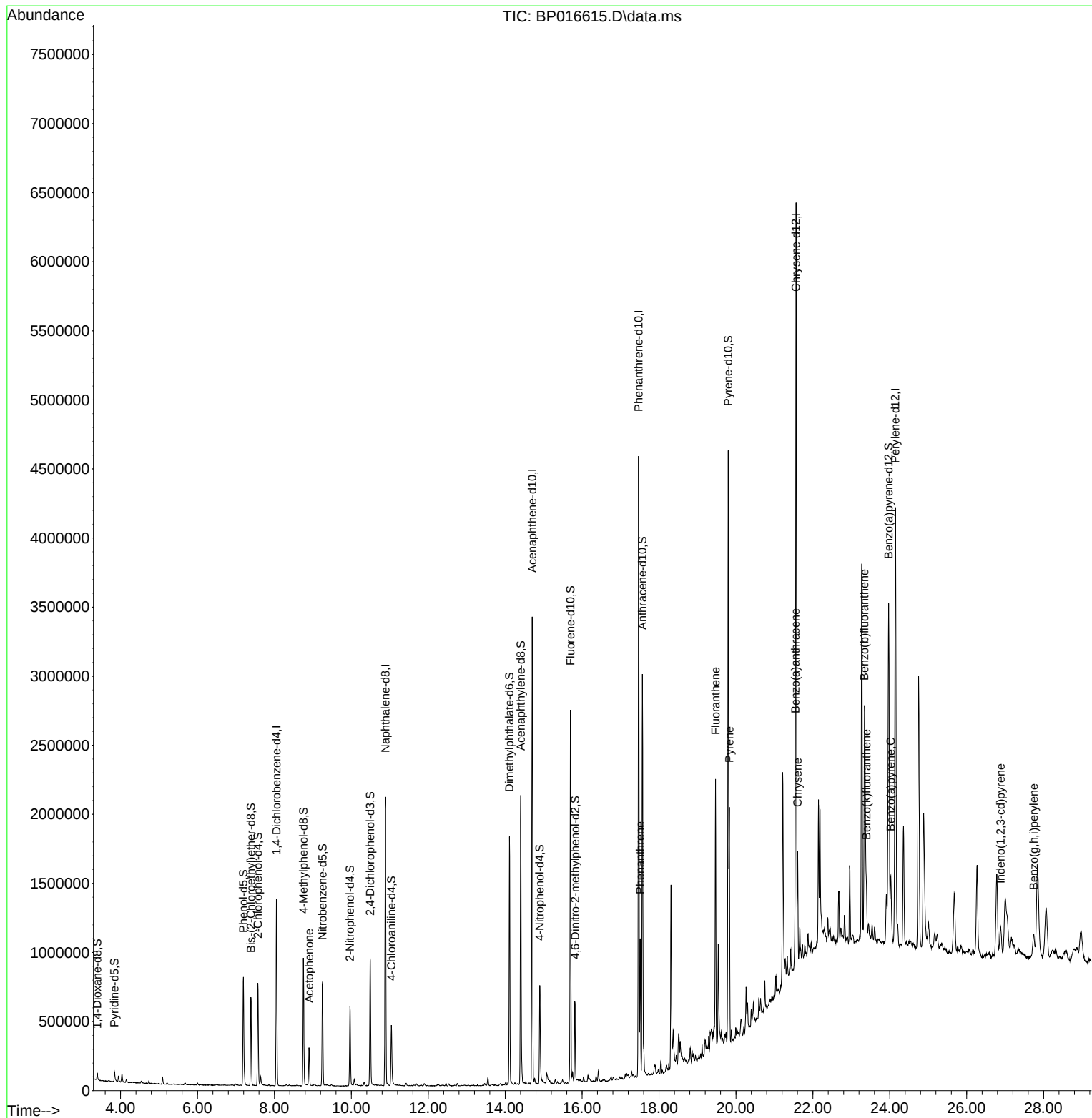
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016615.D
Acq On : 16 Aug 2023 22:05
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ALS Vial : 18 Sample Multiplier: 1

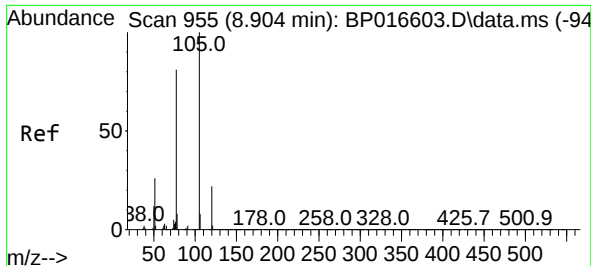
Instrument :
BNA_P
ClientSampleId :
A48M2

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Quant Title : SVOA CALIBRATION
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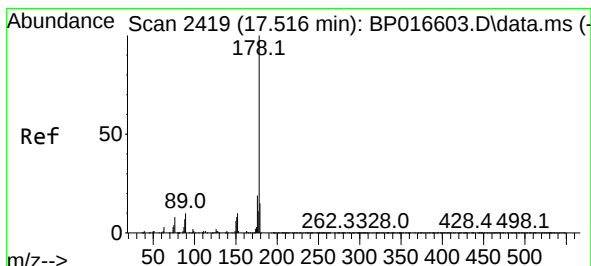
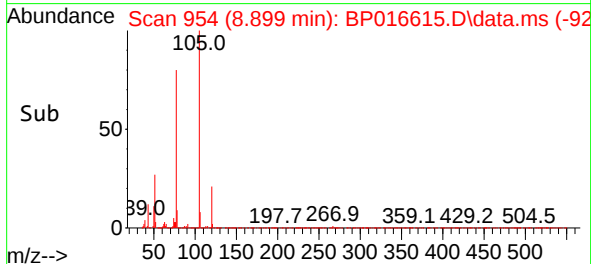
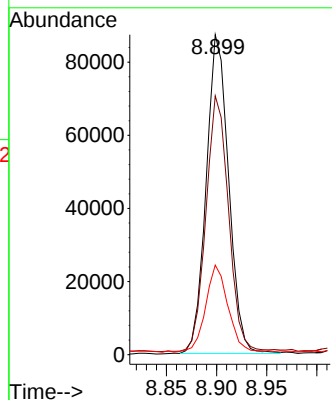
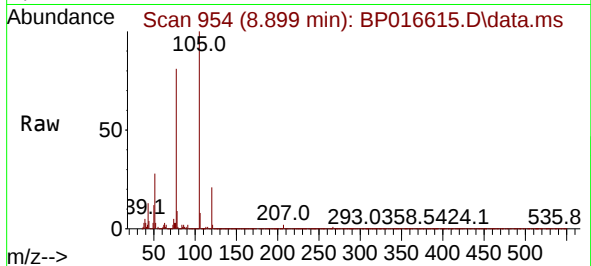
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Acetophenone
Concen: 3.275 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

Instrument :
BNA_P
ClientSampleId :
A48M2

Tgt Ion:105 Resp: 136030
Ion Ratio Lower Upper
105 100
77 80.9 64.4 96.6
51 28.0 21.2 31.8

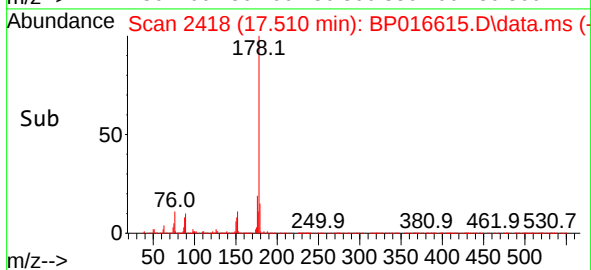
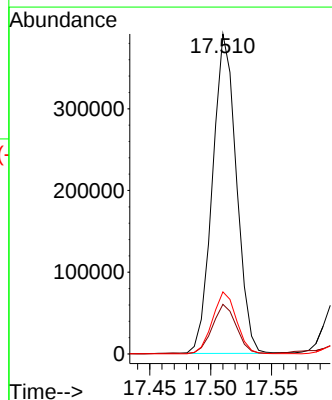
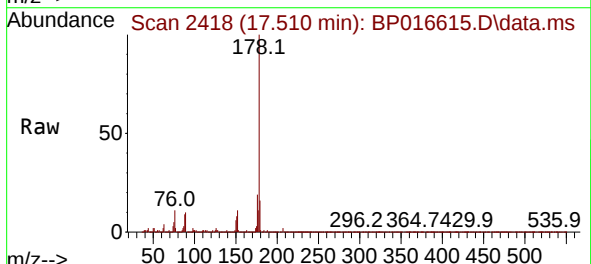
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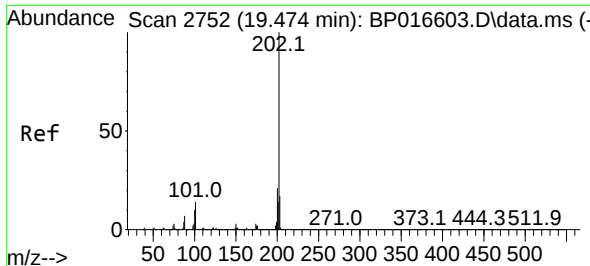
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#72
Phenanthrene
Concen: 4.103 ng/ul
RT: 17.510 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

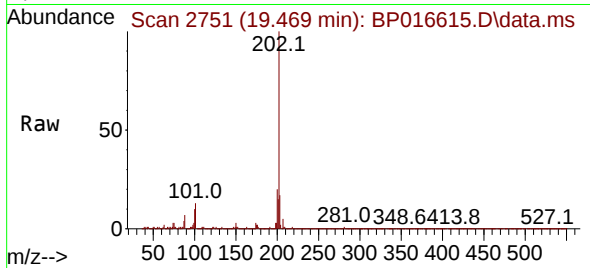
Tgt Ion:178 Resp: 533687
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.4 15.5 23.3





#80
Fluoranthene
Concen: 6.897 ng/u1
RT: 19.469 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

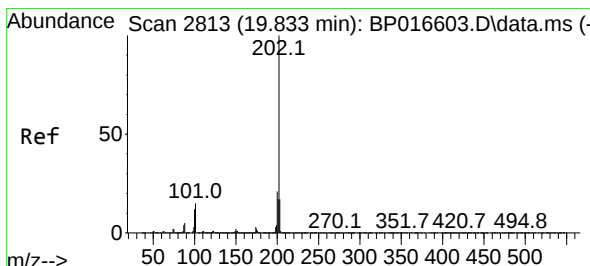
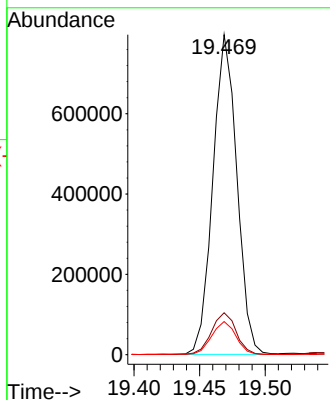
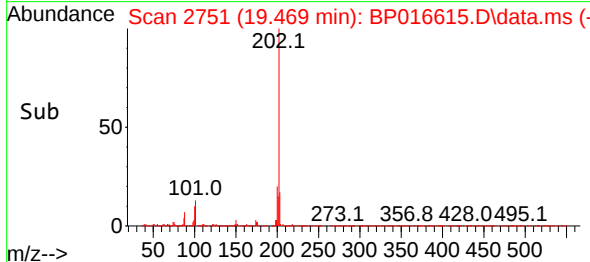
Instrument :
BNA_P
ClientSampleId :
A48M2



Tgt Ion:202 Resp: 1011239
Ion Ratio Lower Upper
202 100
101 13.1 10.6 16.0
100 10.4 8.1 12.1

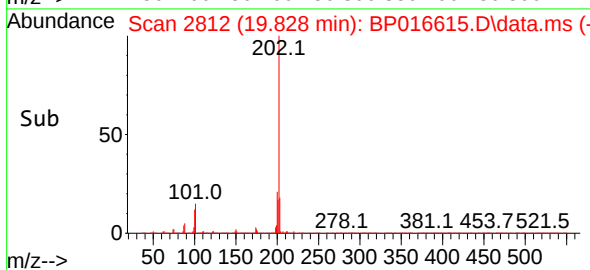
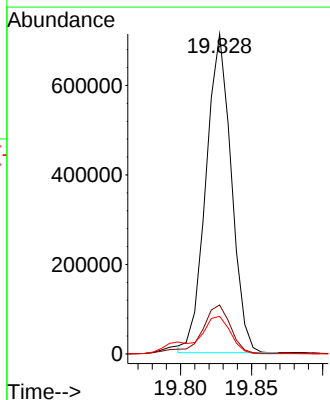
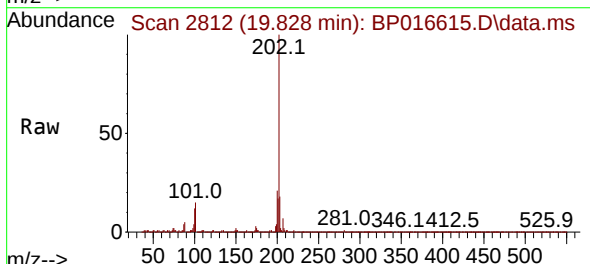
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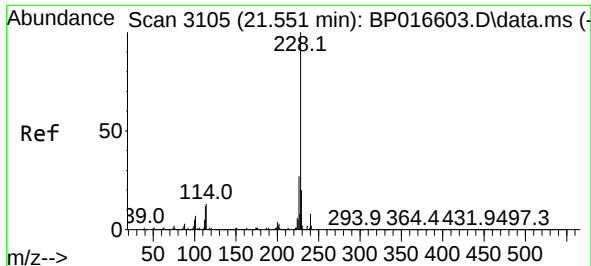
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#82
Pyrene
Concen: 5.708 ng/u1
RT: 19.828 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

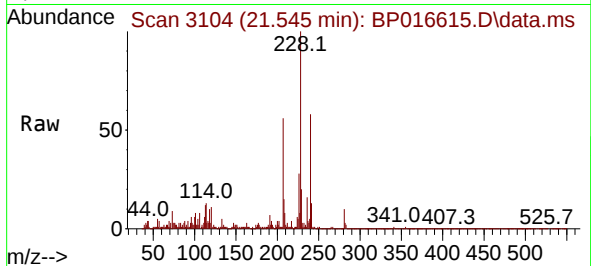
Tgt Ion:202 Resp: 883669
Ion Ratio Lower Upper
202 100
101 15.3 13.4 20.2
100 11.7 11.0 16.4





#85
Benzo(a)anthracene
Concen: 2.922 ng/ul
RT: 21.545 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

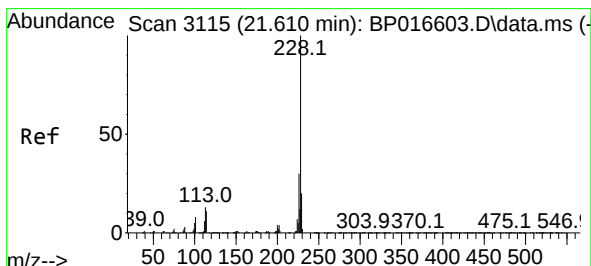
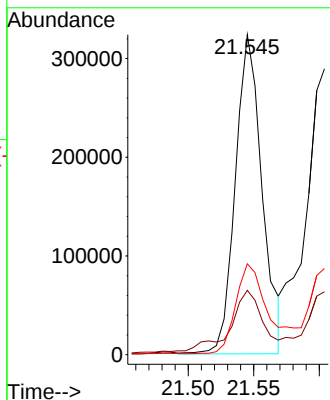
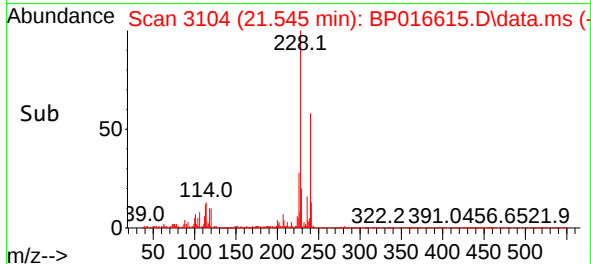
Instrument :
BNA_P
ClientSampleId :
A48M2



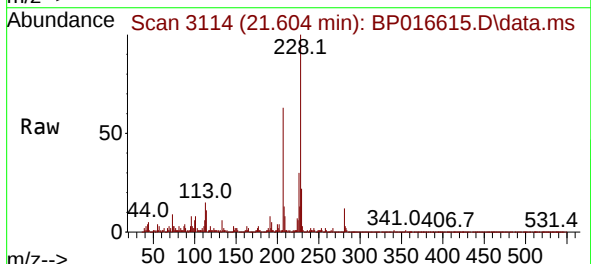
Tgt Ion:228 Resp: 460440
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 28.4 21.8 32.6

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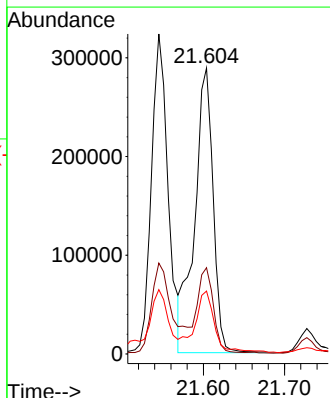
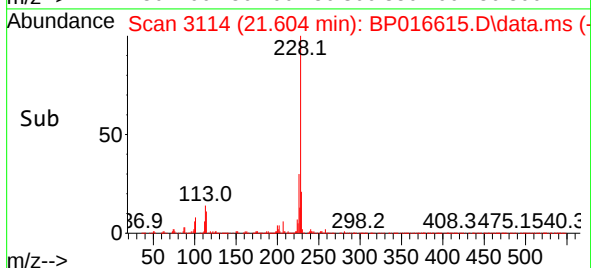
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

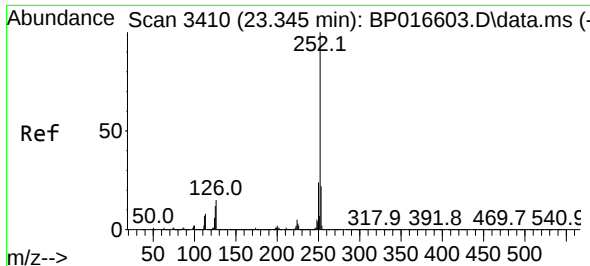


#87
Chrysene
Concen: 3.106 ng/ul
RT: 21.604 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05



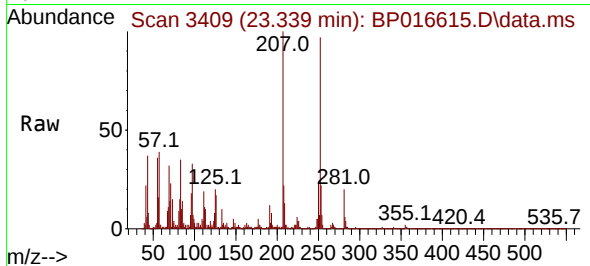
Tgt Ion:228 Resp: 457956
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 22.0 16.4 24.6





#90
Benzo(b)fluoranthene
Concen: 3.940 ng/ul
RT: 23.339 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

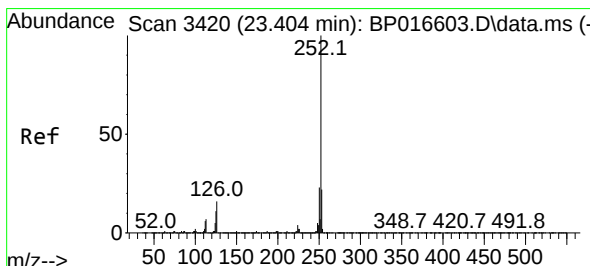
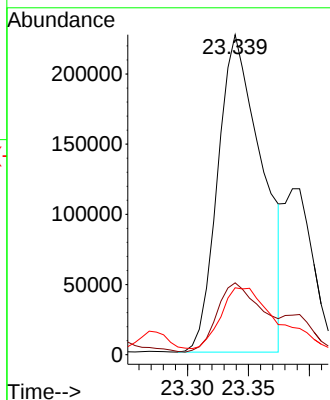
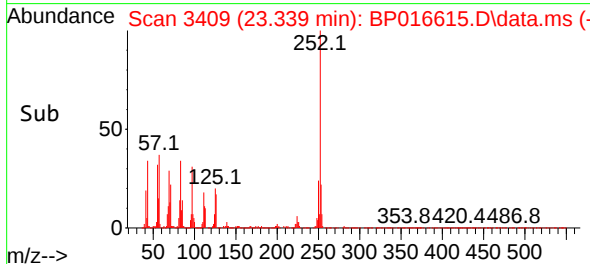
Instrument :
BNA_P
ClientSampleId :
A48M2



Tgt Ion:252 Resp: 572475
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 20.9 10.0 15.0

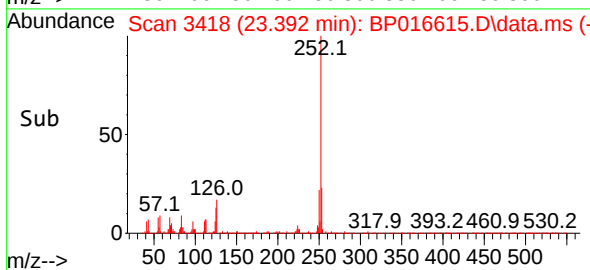
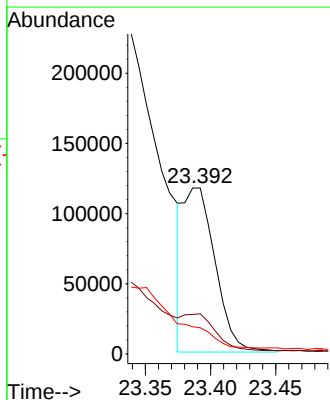
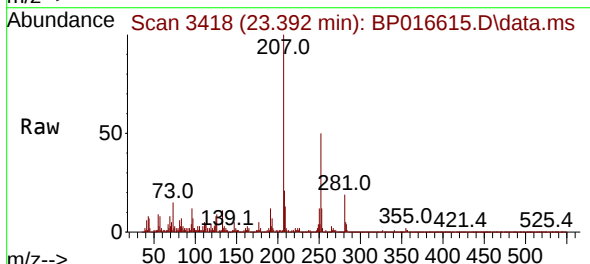
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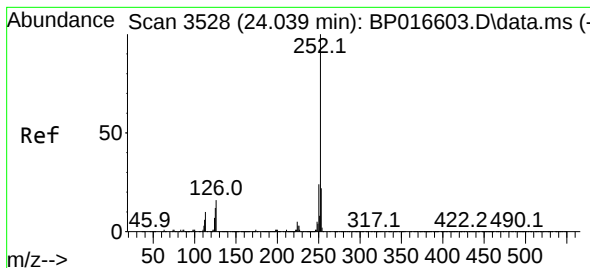
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#91
Benzo(k)fluoranthene
Concen: 1.379 ng/ul m
RT: 23.392 min Scan# 3418
Delta R.T. -0.012 min
Lab File: BP016615.D
Acq: 16 Aug 2023 22:05

Tgt Ion:252 Resp: 198766
Ion Ratio Lower Upper
252 100
253 24.2 18.0 27.0
125 15.8 9.8 14.8





#93

Benzo(a)pyrene

Concen: 2.722 ng/ul

RT: 24.027 min Scan# 3528

Delta R.T. -0.012 min

Lab File: BP016615.D

Acq: 16 Aug 2023 22:05

Instrument :

BNA_P

ClientSampleId :

A48M2

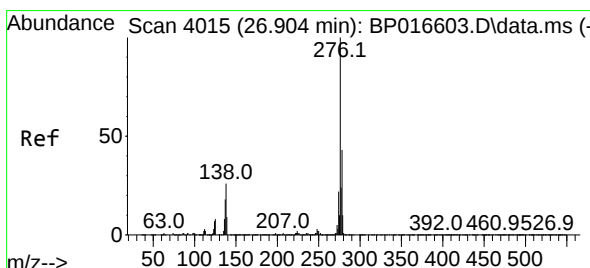
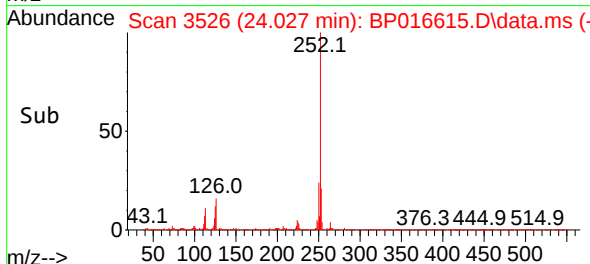
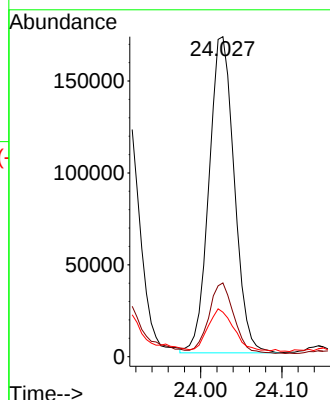
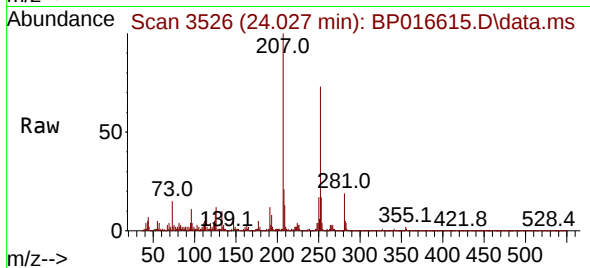
Tgt Ion:	252	Resp:	372989
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.7	26.5
125	13.9	10.6	15.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.509 ng/ul

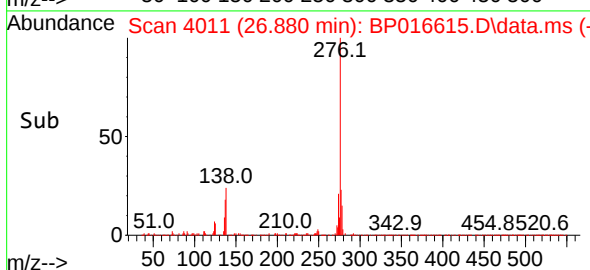
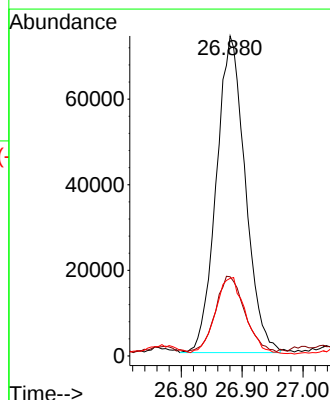
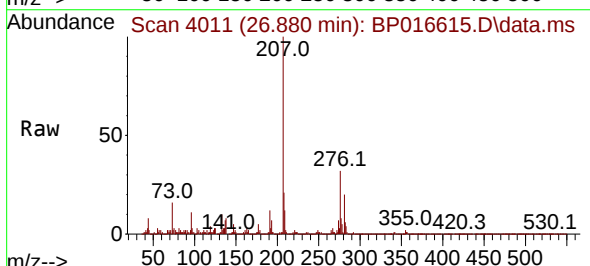
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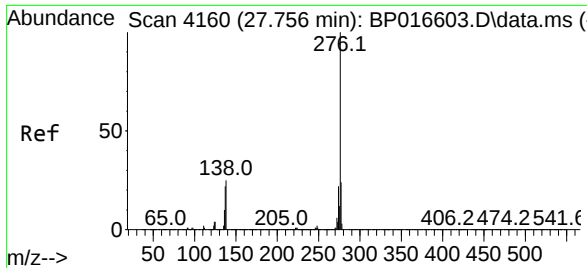
Delta R.T. -0.029 min

Lab File: BP016615.D

Acq: 16 Aug 2023 22:05

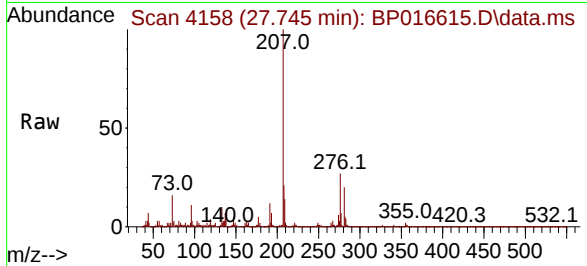
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Ion Ratio	Lower	Upper	
276	100		
138	24.8	21.7	32.5
277	24.2	19.5	29.3





#96
 Benzo(g,h,i)perylene
 Concen: 1.794 ng/ul
 RT: 27.745 min Scan# 4158
 Delta R.T. -0.029 min
 Lab File: BP016615.D
 Acq: 16 Aug 2023 22:05

Instrument :
 BNA_P
 ClientSampleId :
 A48M2



Tgt Ion:	276	Resp:	23093
Ion Ratio	Lower	Upper	
276	100		
138	26.1	21.5	32.3
277	24.3	19.3	28.9

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