

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016646.D
 Acq On : 18 Aug 2023 18:05
 Operator : MA/JU
 Sample : 03968-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48P0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 18 23:26:23 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	402681	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1854049	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	1114090	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	2380324	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1867379	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1669494	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	33125	3.126	ng/uL	0.00
4) Pyridine-d5	3.840	84	18619	0.577	ng/u1	0.01
7) Phenol-d5	7.187	99	607160	16.355	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	364071	14.889	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	426652	16.001	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	420166	14.234	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	214985	16.479	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	226046	18.243	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	406933	16.689	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	169223	4.045	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1248397	15.492	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1457780	16.028	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	202914	12.361	ng/u1	0.00
60) Fluorene-d10	15.698	176	1095465	15.946	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	125018	11.040	ng/u1	0.00
73) Anthracene-d10	17.569	188	1599790	15.538	ng/u1	0.00
81) Pyrene-d10	19.798	212	1863595	19.046	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1276700	15.957	ng/u1	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	7.205	77	38766	1.894	ng/u1	96
16) Acetophenone	8.899	105	194722	4.085	ng/u1	98
72) Phenanthrene	17.510	178	301532	2.404	ng/u1	98
80) Fluoranthene	19.474	202	797784	6.831	ng/u1	100
82) Pyrene	19.827	202	803515	6.516	ng/u1	99
85) Benzo(a)anthracene	21.551	228	408021	3.251	ng/u1	98
87) Chrysene	21.610	228	392227	3.340	ng/u1	99
90) Benzo(b)fluoranthene	23.345	252	497151	5.001	ng/u1#	86
91) Benzo(k)fluoranthene	23.398	252	145529m	1.476	ng/u1	
93) Benzo(a)pyrene	24.039	252	308290	3.288	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.898	276	209627	1.894	ng/u1	99
96) Benzo(g,h,i)perylene	27.762	276	204723	2.324	ng/u1	98

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

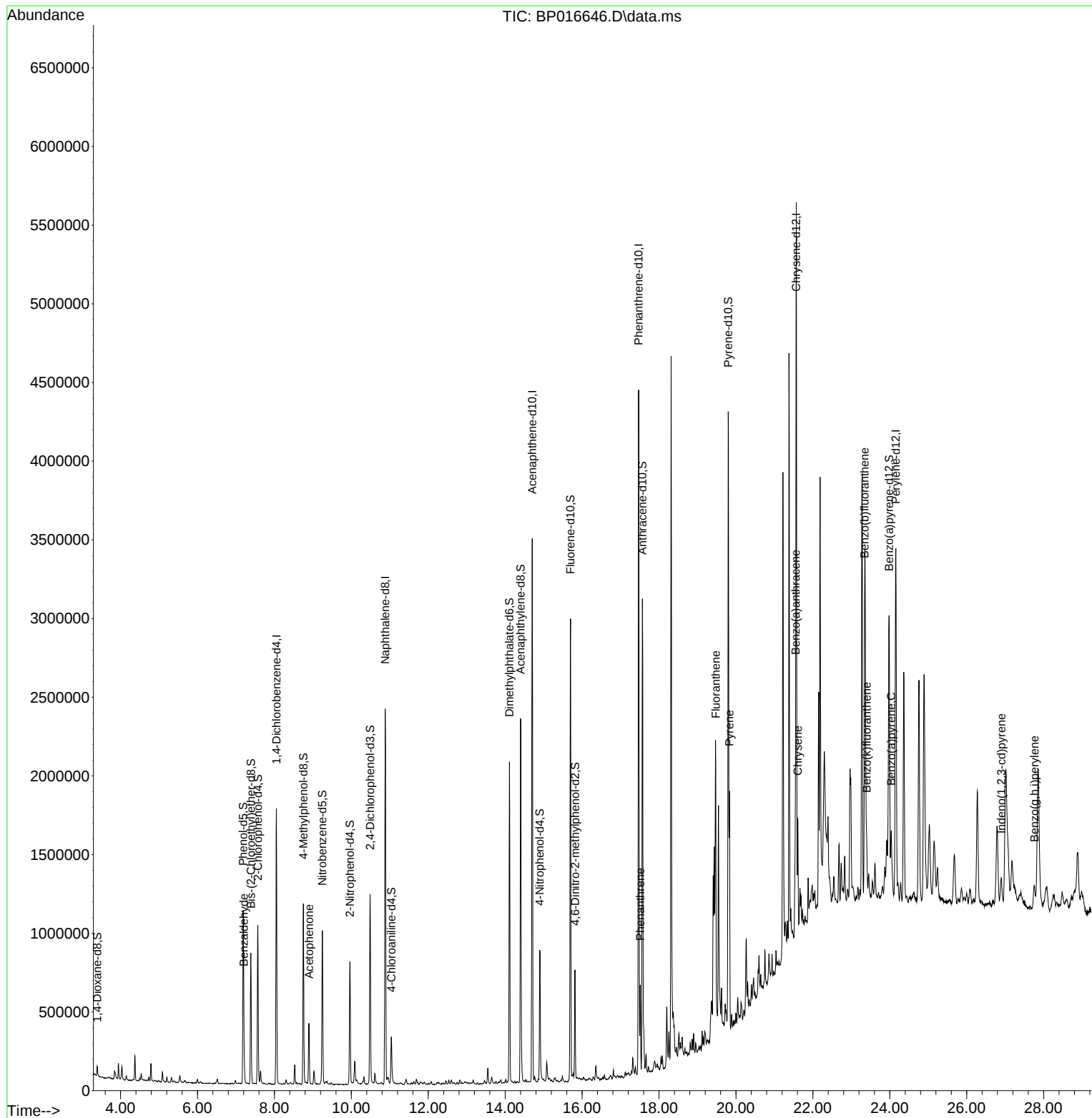
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016646.D
Acq On : 18 Aug 2023 18:05
Operator : MA/JU
Sample : 03968-24
Misc :
ALS Vial : 14 Sample Multiplier: 1

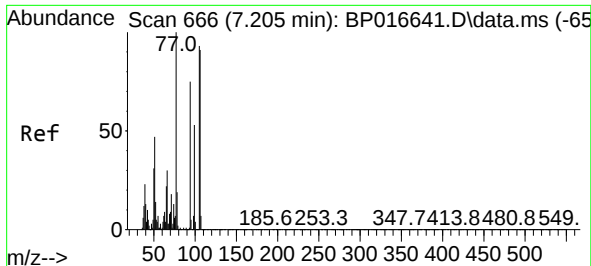
Instrument :
BNA_P
ClientSampleId :
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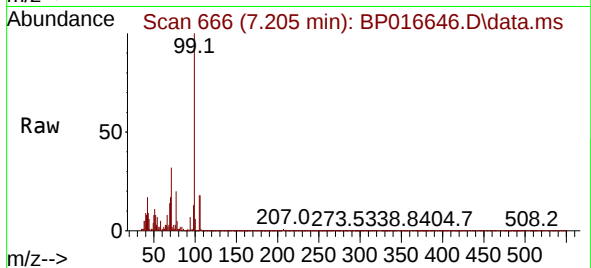
Quant Time: Aug 18 23:26:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.894 ng/ul
RT: 7.205 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP016646.D
Acq: 18 Aug 2023 18:05

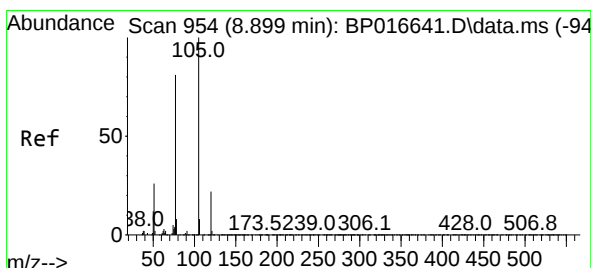
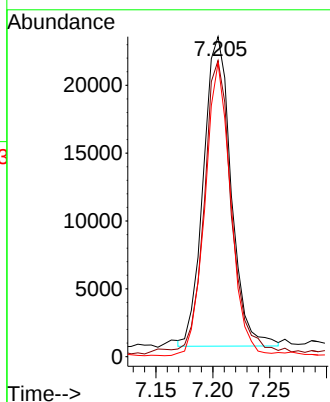
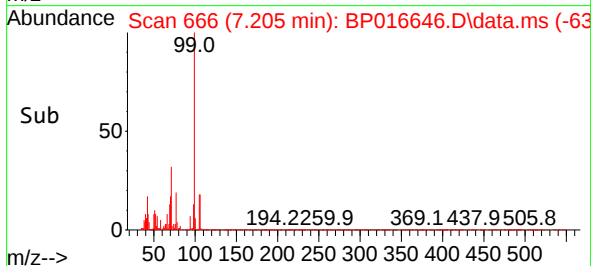
Instrument :
BNA_P
ClientSampleId :
A48P0



Tgt Ion: 77 Resp: 3876
Ion Ratio Lower Upper
77 100
105 92.6 71.8 107.6
106 91.8 70.2 105.2

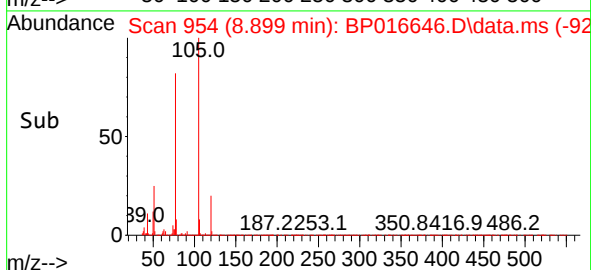
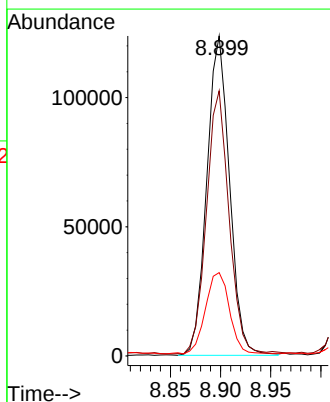
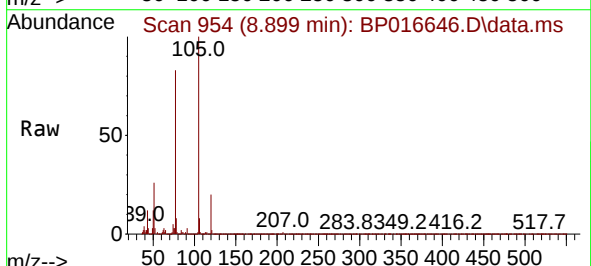
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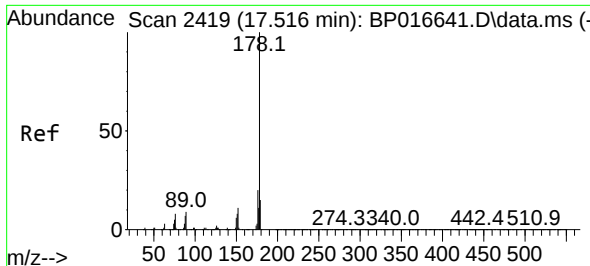
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#16
Acetophenone
Concen: 4.085 ng/ul
RT: 8.899 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP016646.D
Acq: 18 Aug 2023 18:05

Tgt Ion:105 Resp: 194722
Ion Ratio Lower Upper
105 100
77 82.9 64.4 96.6
51 26.0 21.2 31.8





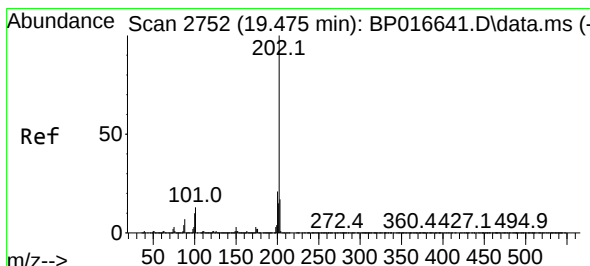
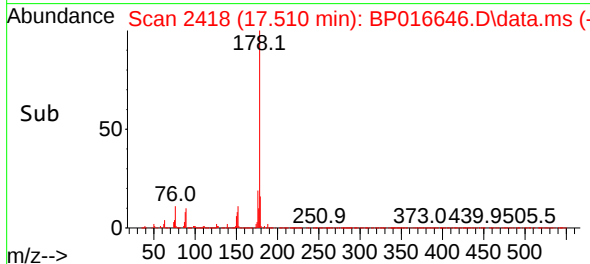
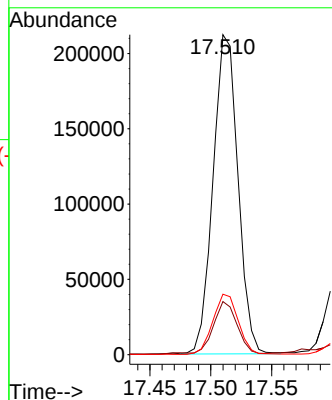
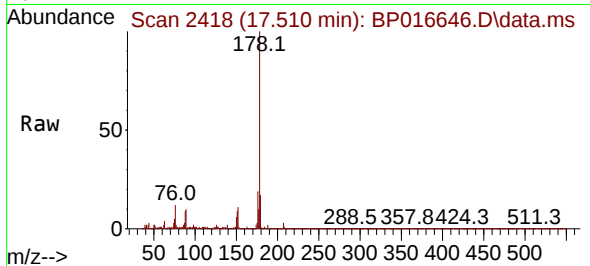
#72
Phenanthrene
Concen: 2.404 ng/ul
RT: 17.510 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP016646.D
Acq: 18 Aug 2023 18:05

Instrument :
BNA_P
Client Sample Id :
A48P0

Tgt Ion:178 Resp: 30153
Ion Ratio Lower Upper
178 100
179 16.6 12.4 18.6
176 18.9 15.5 23.3

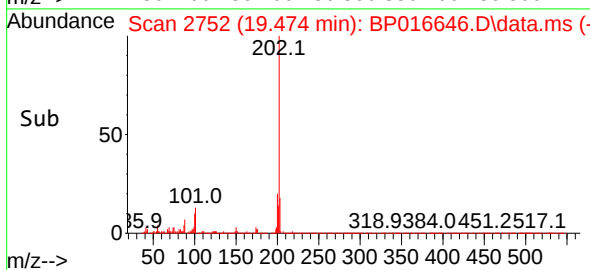
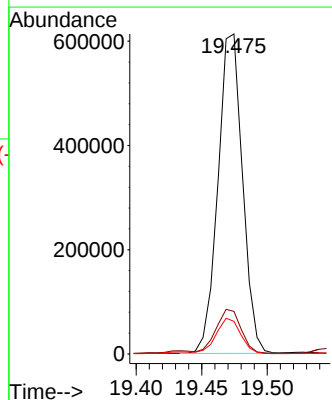
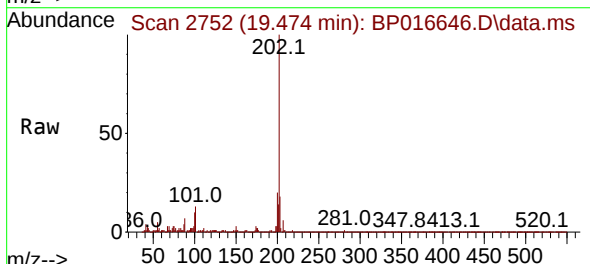
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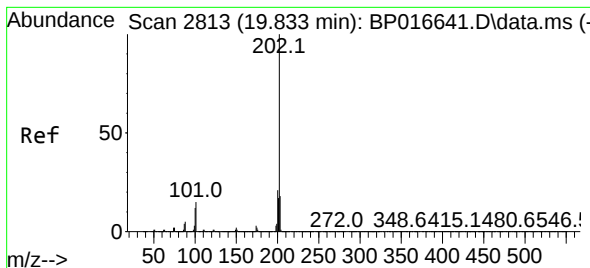
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#80
Fluoranthene
Concen: 6.831 ng/ul
RT: 19.474 min Scan# 2752
Delta R.T. 0.006 min
Lab File: BP016646.D
Acq: 18 Aug 2023 18:05

Tgt Ion:202 Resp: 797784
Ion Ratio Lower Upper
202 100
101 13.3 10.6 16.0
100 10.2 8.1 12.1





#82

Pyrene

Concen: 6.516 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

Instrument :

BNA_P

ClientSampleId :

A48P0

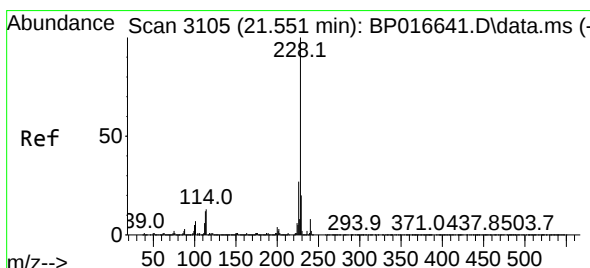
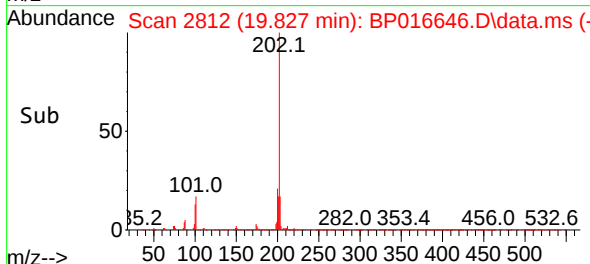
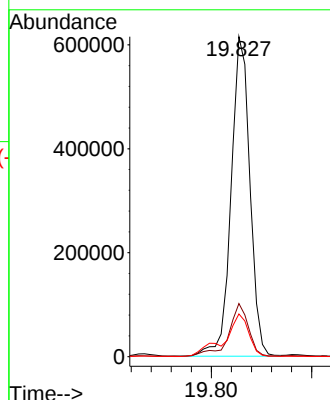
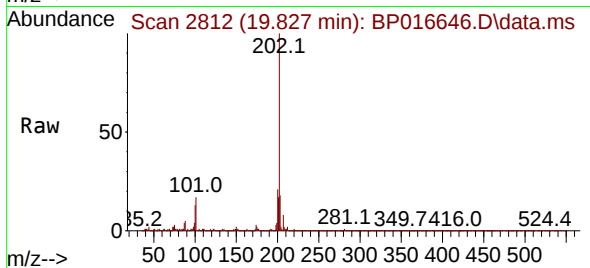
Tgt Ion:	202	Resp:	80351
Ion Ratio	Lower	Upper	
202	100		
101	16.6	13.4	20.2
100	13.4	11.0	16.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#85

Benzo(a)anthracene

Concen: 3.251 ng/ul

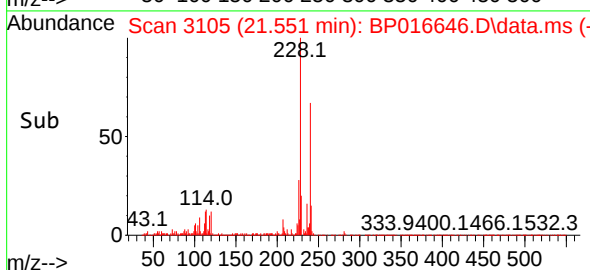
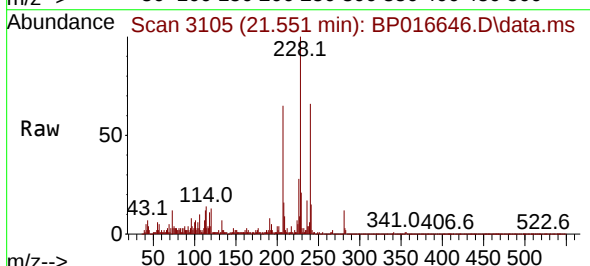
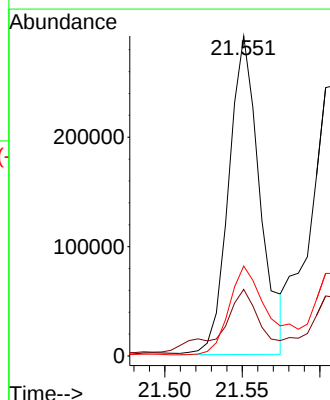
RT: 21.551 min Scan# 3105

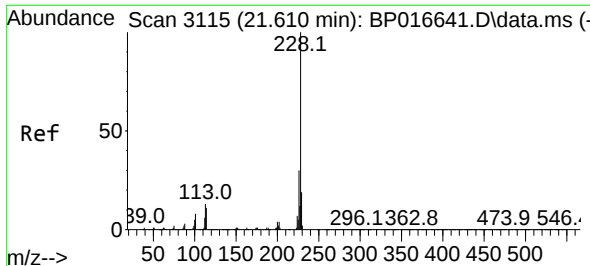
Delta R.T. 0.006 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

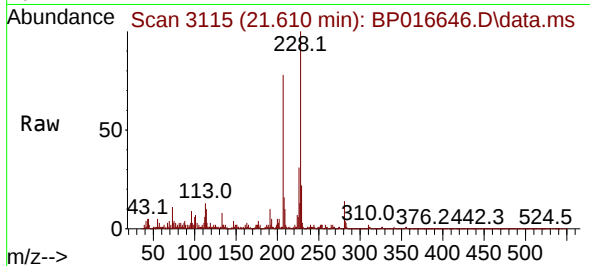
Tgt Ion:	228	Resp:	408021
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.6
226	28.1	21.8	32.6





#87
Chrysene
Concen: 3.340 ng/ul
RT: 21.610 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP016646.D
Acq: 18 Aug 2023 18:05

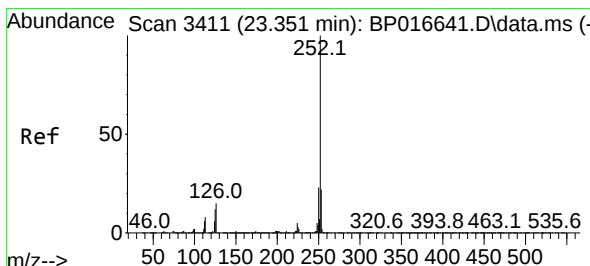
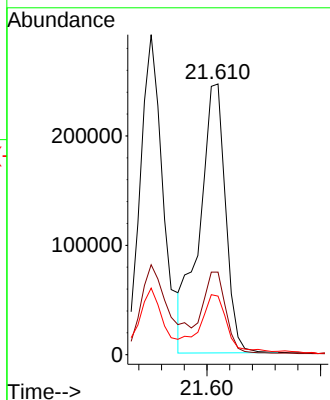
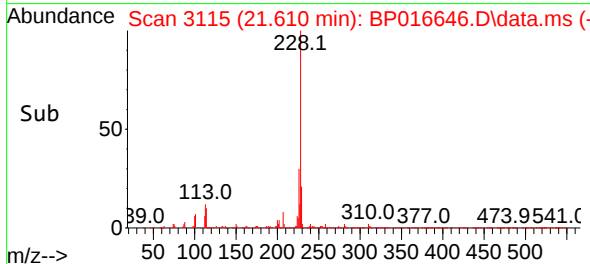
Instrument :
BNA_P
ClientSampleId :
A48P0



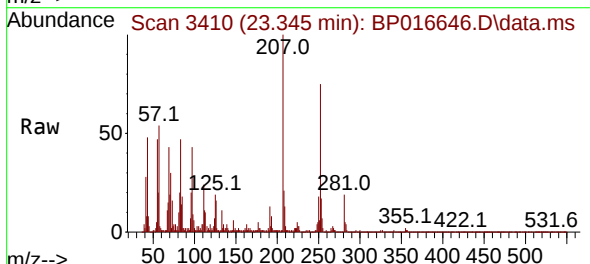
Tgt Ion:228 Resp: 392227
Ion Ratio Lower Upper
228 100
226 30.5 24.6 36.8
229 21.7 16.4 24.6

Manual Integrations
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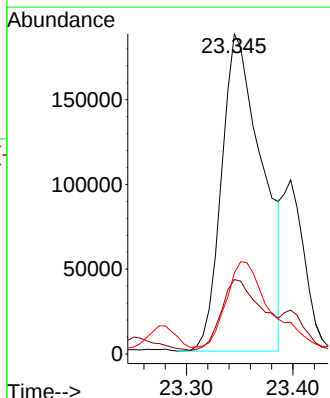
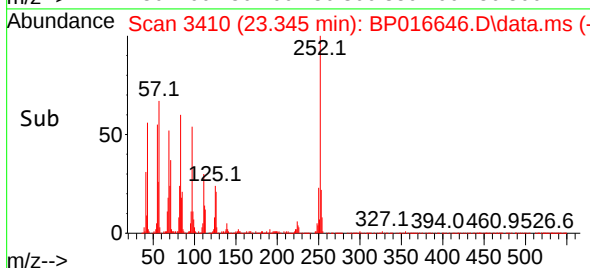
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

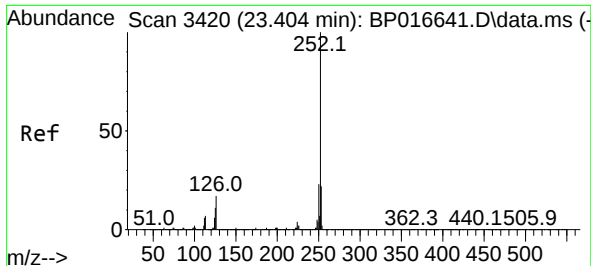


#90
Benzo(b)fluoranthene
Concen: 5.001 ng/ul
RT: 23.345 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP016646.D
Acq: 18 Aug 2023 18:05



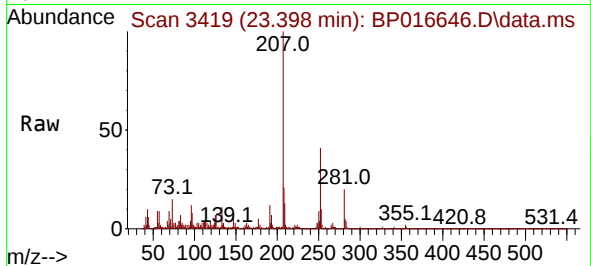
Tgt Ion:252 Resp: 497151
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 25.2 10.0 15.0#





#91
Benzo(k)fluoranthene
Concen: 1.476 ng/ul m
RT: 23.398 min Scan# 3419
Delta R.T. 0.006 min
Lab File: BP016646.D
Acq: 18 Aug 2023 18:05

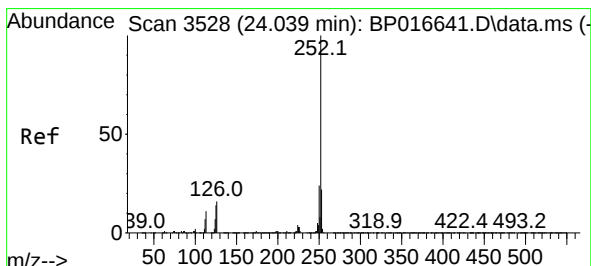
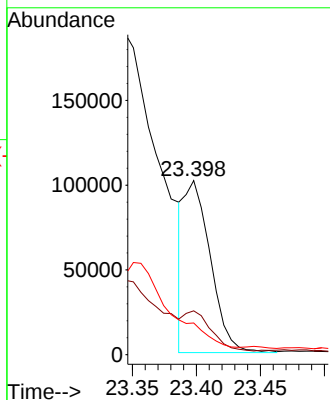
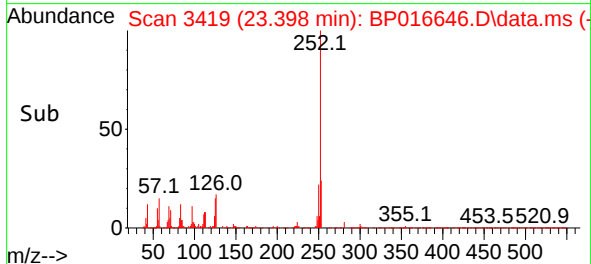
Instrument :
BNA_P
ClientSampleId :
A48P0



Tgt Ion:252 Resp: 145529
Ion Ratio Lower Upper
252 100
253 25.2 18.0 27.0
125 18.2 9.8 14.8

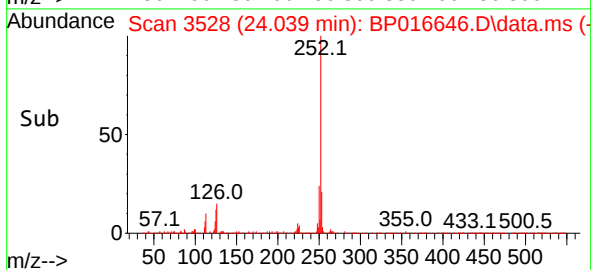
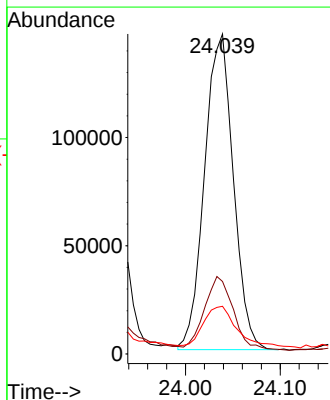
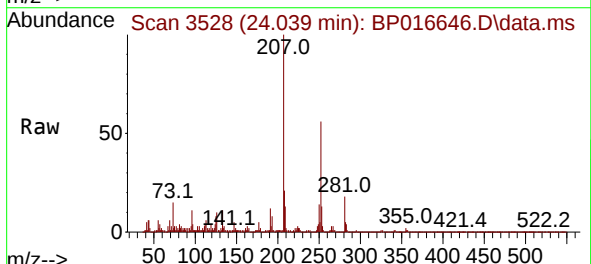
Manual Integrations
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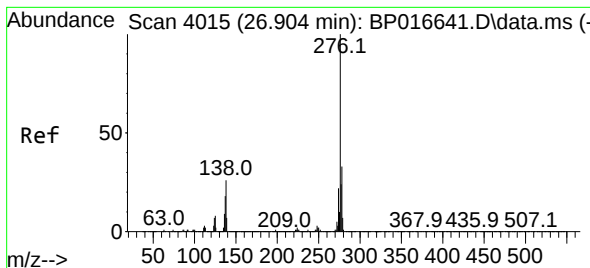
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#93
Benzo(a)pyrene
Concen: 3.288 ng/ul
RT: 24.039 min Scan# 3528
Delta R.T. 0.012 min
Lab File: BP016646.D
Acq: 18 Aug 2023 18:05

Tgt Ion:252 Resp: 308290
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 14.9 10.6 15.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.894 ng/ul

RT: 26.898 min Scan# 4015

Delta R.T. 0.012 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

Instrument :

BNA_P

ClientSampleId :

A48P0

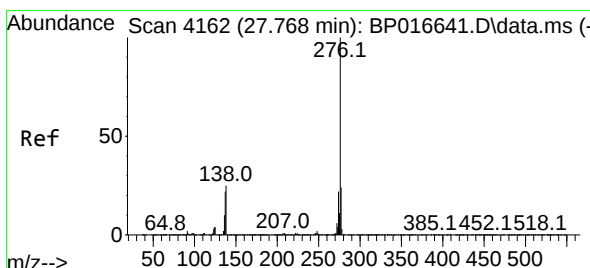
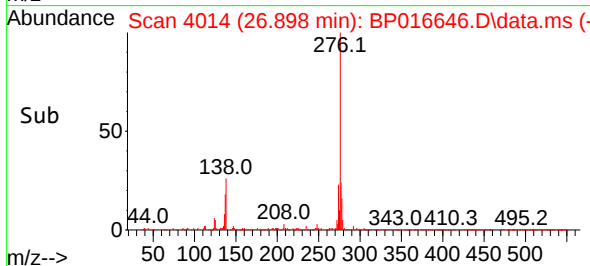
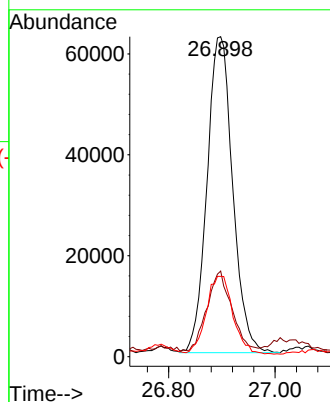
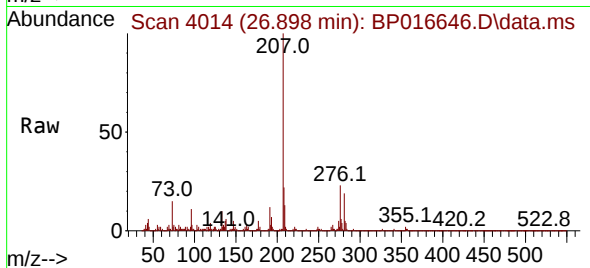
Tgt Ion:	276	Resp:	20962
Ion Ratio	Lower	Upper	
276	100		
138	26.7	21.7	32.5
277	25.1	19.5	29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#96

Benzo(g,h,i)perylene

Concen: 2.324 ng/ul

RT: 27.762 min Scan# 4161

Delta R.T. 0.017 min

Lab File: BP016646.D

Acq: 18 Aug 2023 18:05

Tgt Ion:	276	Resp:	204723
Ion Ratio	Lower	Upper	
276	100		
138	27.8	21.5	32.3
277	23.0	19.3	28.9

