

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015688.D
 Acq On : 24 Jun 2023 01:05
 Operator : MA/JU
 Sample : 03084-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL8

Quant Time: Jun 24 02:39:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	128274	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	475544	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	263243	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	577800	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	582932	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	715409	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	11776	3.399	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	174734	14.786	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	141748	20.084	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	168437	19.659	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	131230	13.531	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	81842	21.921	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	82122	19.261	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	140055	18.008	ng/u1	0.01
31) 4-Chloroaniline-d4	11.081	131	80871	7.244	ng/u1	0.03
46) Dimethylphthalate-d6	14.134	166	499883	24.081	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	580169	25.560	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	16989m	4.570	ng/u1	0.05
60) Fluorene-d10	15.722	176	432419	24.703	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	31380	8.573	ng/u1	0.01
73) Anthracene-d10	17.592	188	689236	26.218	ng/u1	0.00
81) Pyrene-d10	19.816	212	890530	28.543	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	952505	26.535	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	28925	1.122	ng/u1	96
50) Acenaphthylene	14.451	152	237471	9.447	ng/u1	99
72) Phenanthrene	17.534	178	113002	3.644	ng/u1	98
74) Anthracene	17.628	178	154209	4.902	ng/u1	98
80) Fluoranthene	19.492	202	404471	10.643	ng/u1	100
82) Pyrene	19.845	202	410350	10.437	ng/u1	100
85) Benzo(a)anthracene	21.563	228	391275	9.602	ng/u1	96
87) Chrysene	21.616	228	514619m	13.360	ng/u1	
90) Benzo(b)fluoranthene	23.357	252	2076217	44.960	ng/u1	99
91) Benzo(k)fluoranthene	23.398	252	626542m	14.035	ng/u1	
93) Benzo(a)pyrene	24.027	252	1081006	26.849	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.862	276	1620836	31.107	ng/u1	96
95) Dibenzo(a,h)anthracene	26.857	278	434210	10.229	ng/u1#	86
96) Benzo(g,h,i)perylene	27.709	276	1669784	38.886	ng/u1	98

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

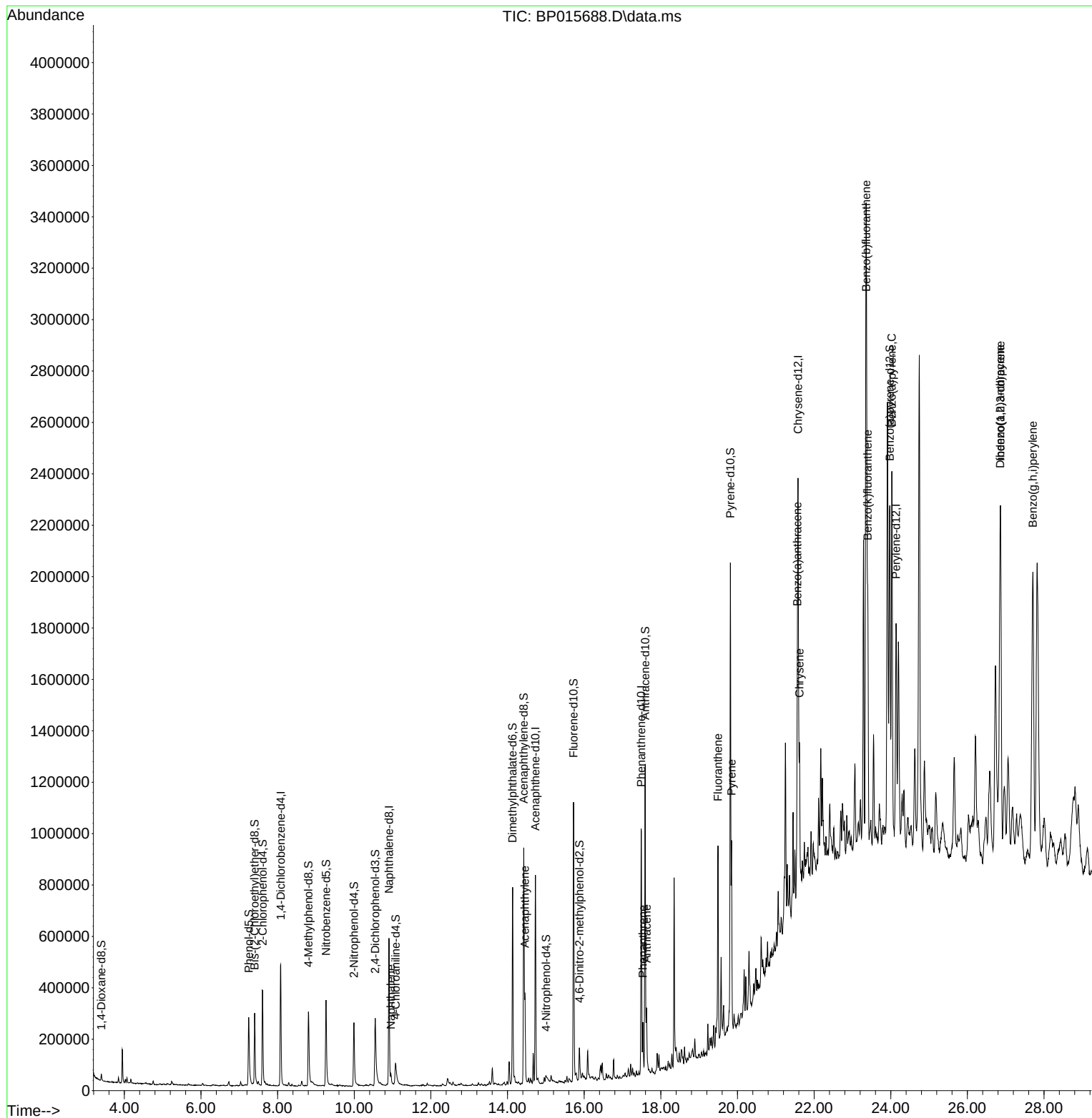
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015688.D
Acq On : 24 Jun 2023 01:05
Operator : MA/JU
Sample : 03084-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

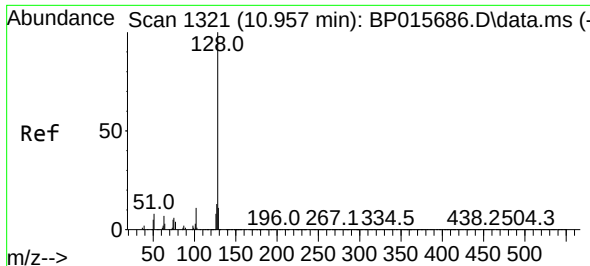
Instrument :
BNA_P
ClientSampleId :
DCFL8

Quant Time: Jun 24 02:39:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
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Manual Integrations
APPROVED

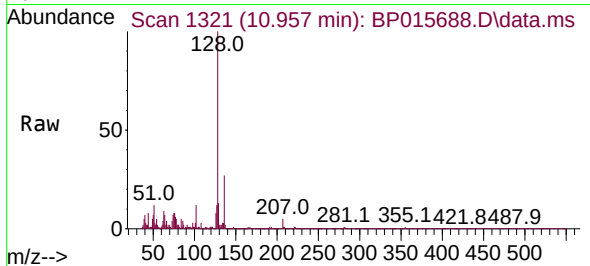
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023





#30
Naphthalene
Concen: 1.122 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015688.D
Acq: 24 Jun 2023 01:05

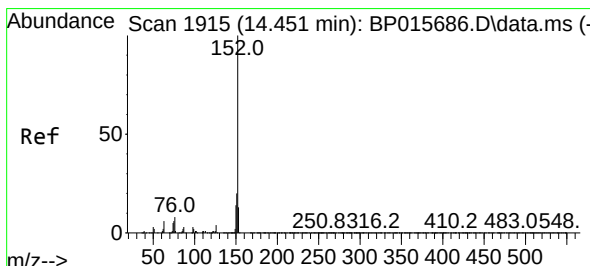
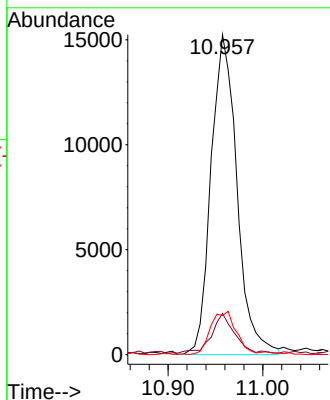
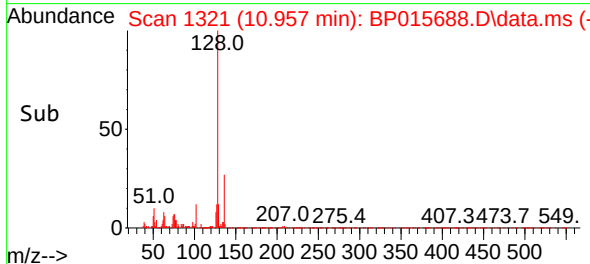
Instrument :
BNA_P
ClientSampleId :
DCFL8



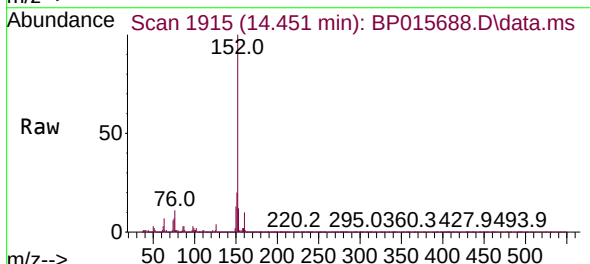
Tgt Ion:128 Resp: 28925
Ion Ratio Lower Upper
128 100
129 12.9 8.6 13.0
127 12.3 10.5 15.7

Manual Integrations
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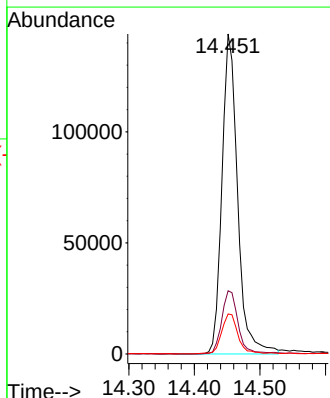
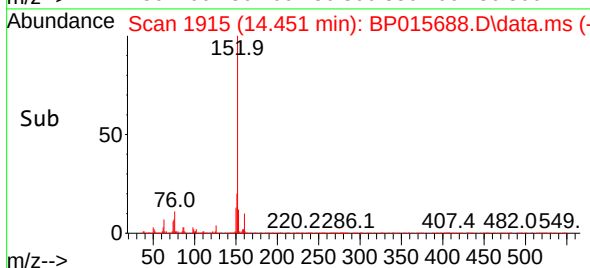
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

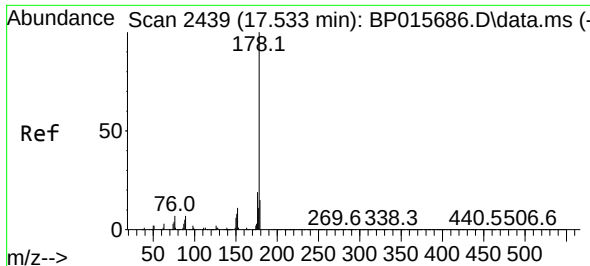


#50
Acenaphthylene
Concen: 9.447 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP015688.D
Acq: 24 Jun 2023 01:05



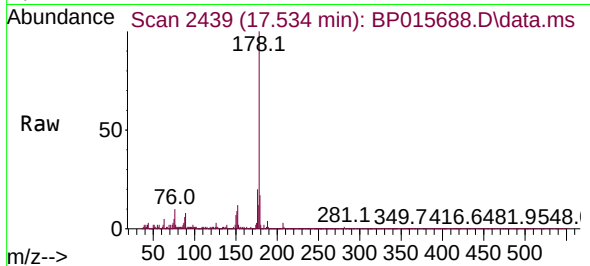
Tgt Ion:152 Resp: 237471
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 12.5 10.6 15.8





#72
Phenanthrene
Concen: 3.644 ng/ul
RT: 17.534 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015688.D
Acq: 24 Jun 2023 01:05

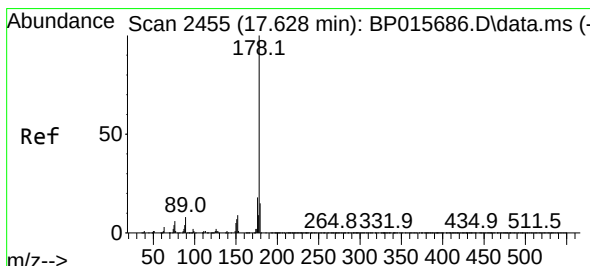
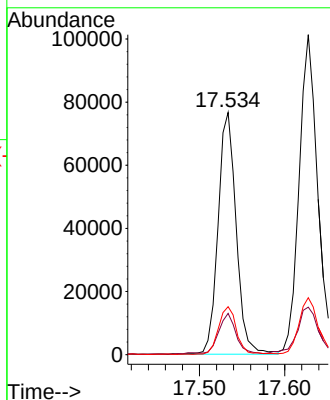
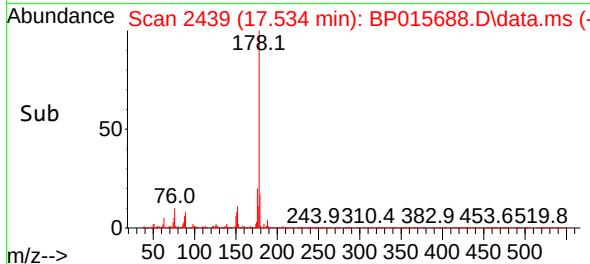
Instrument :
BNA_P
ClientSampleId :
DCFL8



Tgt Ion:178 Resp: 113002
Ion Ratio Lower Upper
178 100
179 17.0 12.3 18.5
176 19.8 15.4 23.0

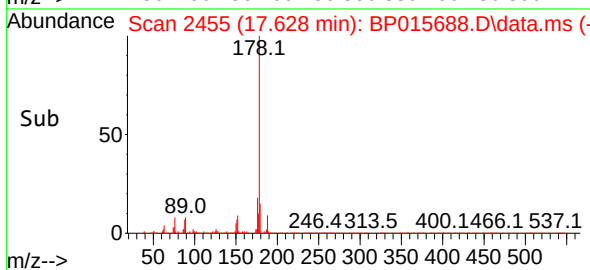
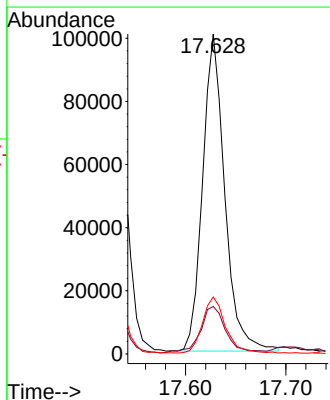
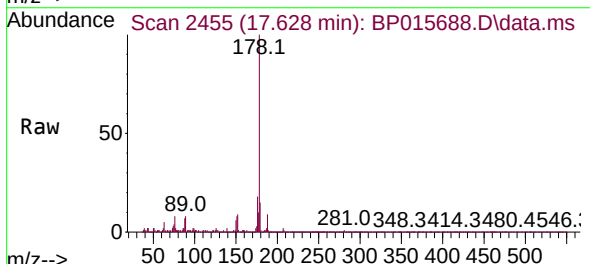
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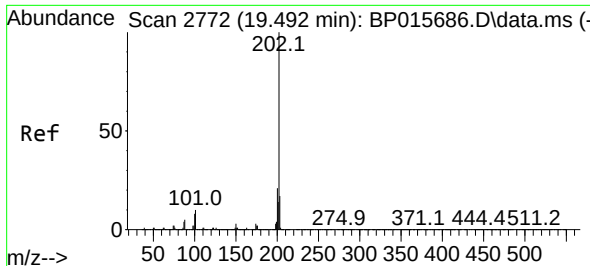
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#74
Anthracene
Concen: 4.902 ng/ul
RT: 17.628 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BP015688.D
Acq: 24 Jun 2023 01:05

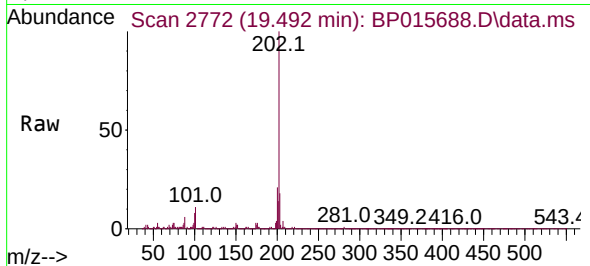
Tgt Ion:178 Resp: 154209
Ion Ratio Lower Upper
178 100
179 14.8 12.4 18.6
176 17.8 15.0 22.4





#80
Fluoranthene
Concen: 10.643 ng/u1
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015688.D
Acq: 24 Jun 2023 01:05

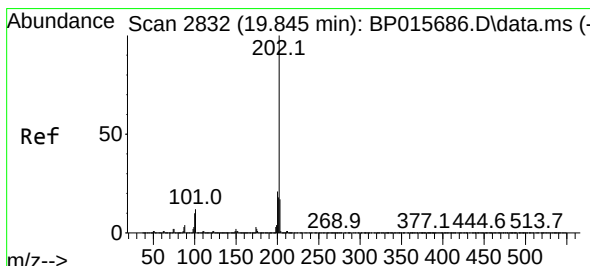
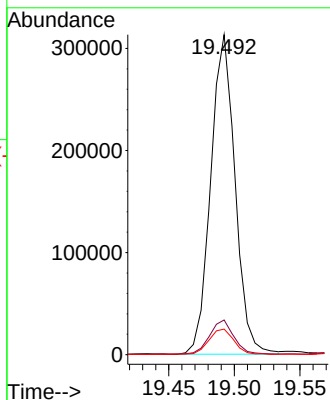
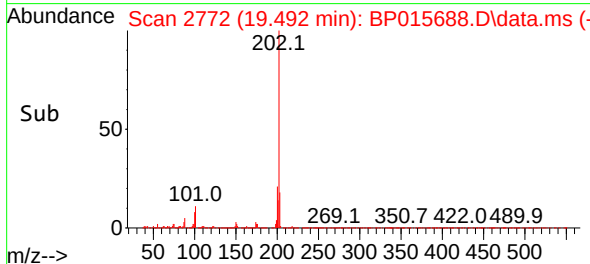
Instrument :
BNA_P
ClientSampleId :
DCFL8



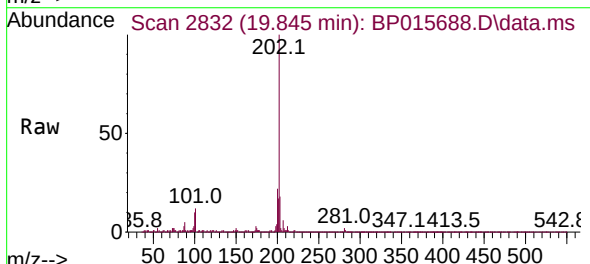
Tgt Ion:202 Resp: 40447
Ion Ratio Lower Upper
202 100
101 10.9 8.6 13.0
100 8.0 6.6 9.8

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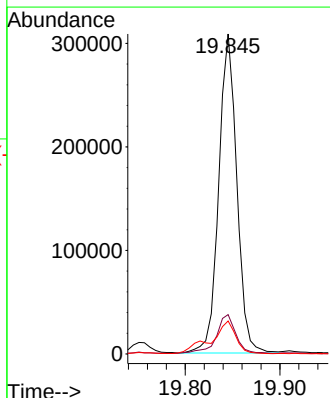
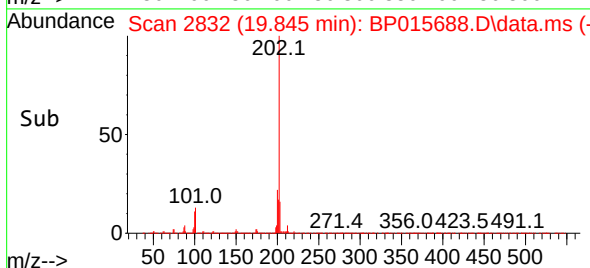
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

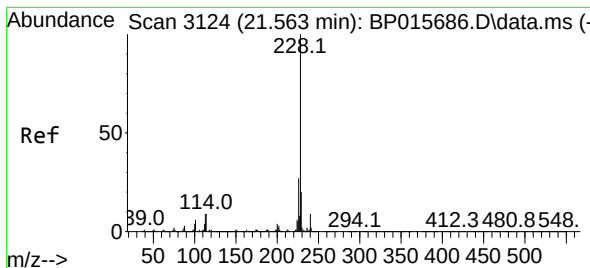


#82
Pyrene
Concen: 10.437 ng/u1
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015688.D
Acq: 24 Jun 2023 01:05



Tgt Ion:202 Resp: 410350
Ion Ratio Lower Upper
202 100
101 12.3 9.9 14.9
100 10.3 8.4 12.6





#85

Benzo(a)anthracene

Concen: 9.602 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015688.D

Acq: 24 Jun 2023 01:05

Instrument :

BNA_P

ClientSampleId :

DCFL8

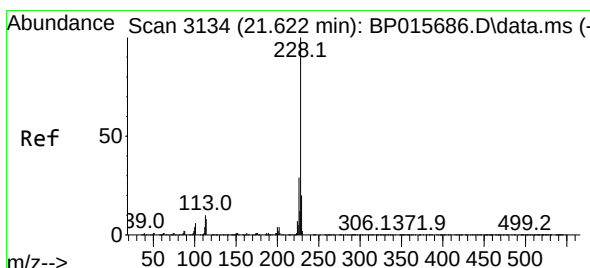
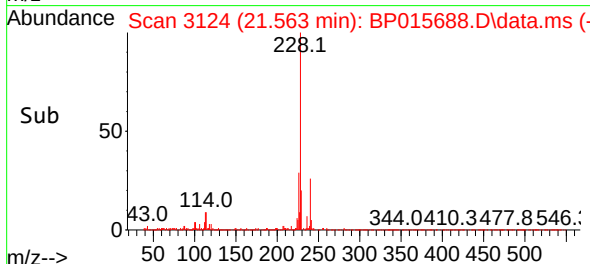
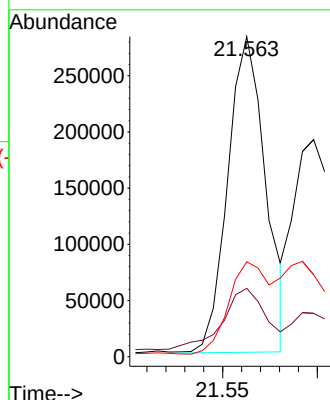
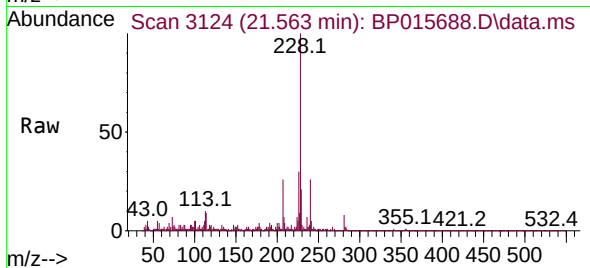
Tgt Ion:	228	Resp:	39127
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.8	23.6
226	29.7	21.8	32.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#87

Chrysene

Concen: 13.360 ng/ul m

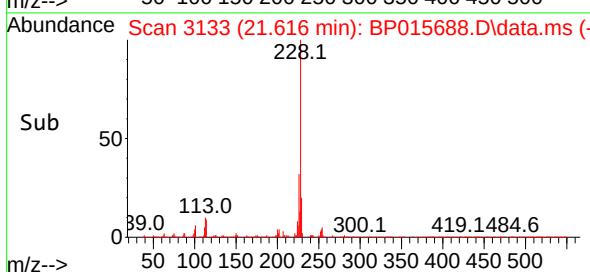
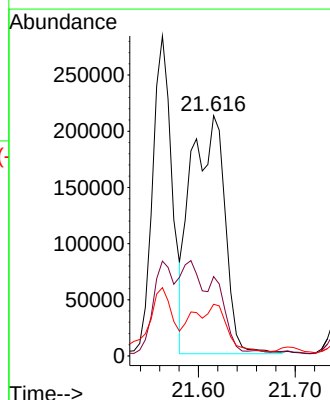
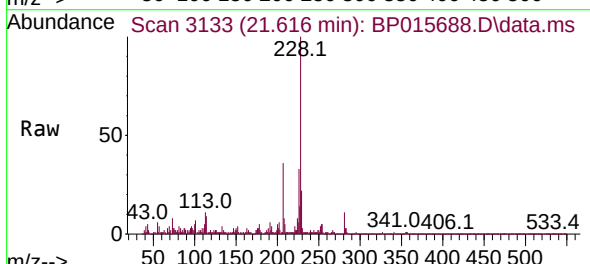
RT: 21.616 min Scan# 3133

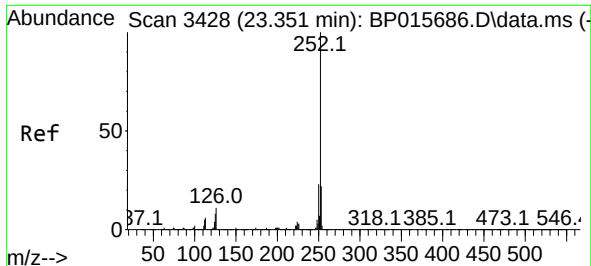
Delta R.T. -0.006 min

Lab File: BP015688.D

Acq: 24 Jun 2023 01:05

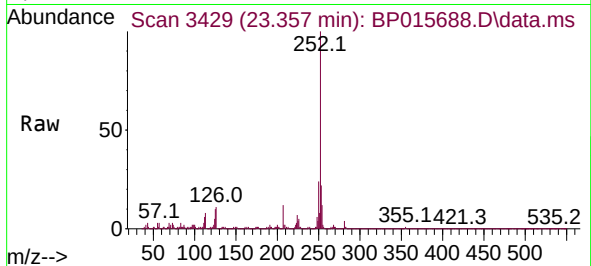
Tgt Ion:	228	Resp:	514619
Ion Ratio	Lower	Upper	
228	100		
226	33.0	23.9	35.9
229	21.5	15.1	22.7





#90
Benzo(b)fluoranthene
Concen: 44.960 ng/ul
RT: 23.357 min Scan# 3428
Delta R.T. 0.012 min
Lab File: BP015688.D
Acq: 24 Jun 2023 01:05

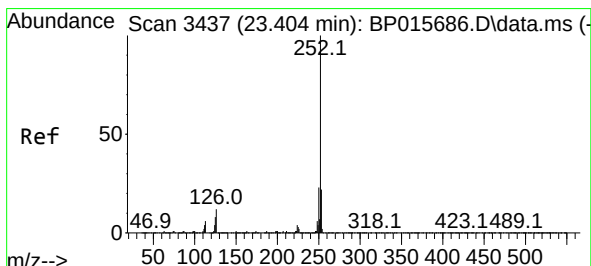
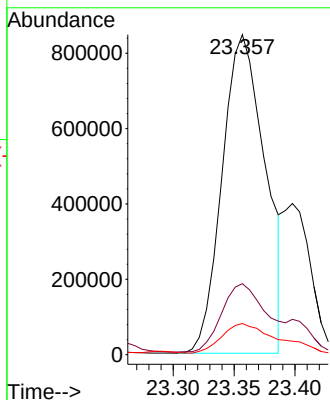
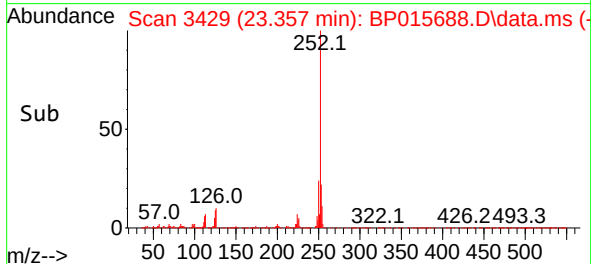
Instrument :
BNA_P
ClientSampleId :
DCFL8



Tgt Ion:252 Resp: 207621
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.7 7.3 10.9

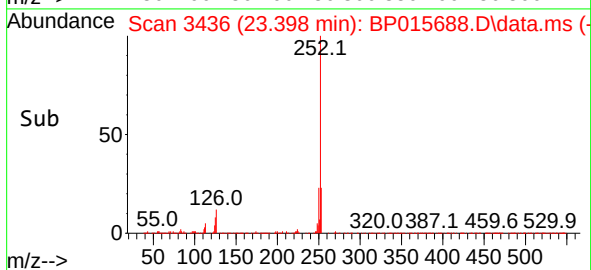
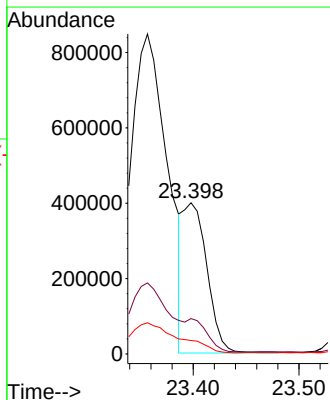
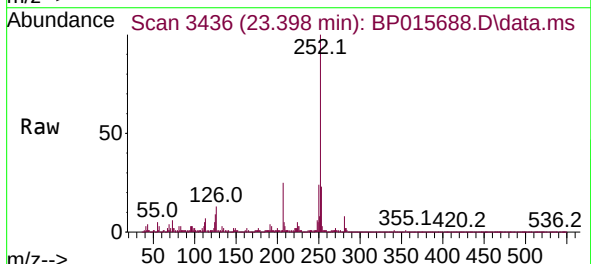
Manual Integrations
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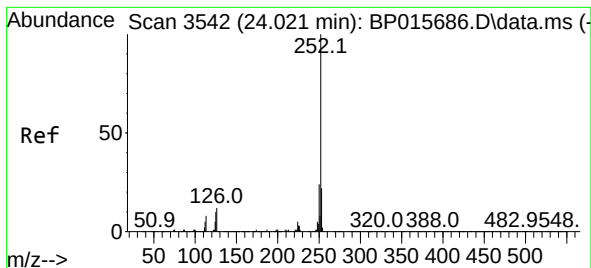
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#91
Benzo(k)fluoranthene
Concen: 14.035 ng/ul m
RT: 23.398 min Scan# 3436
Delta R.T. 0.000 min
Lab File: BP015688.D
Acq: 24 Jun 2023 01:05

Tgt Ion:252 Resp: 626542
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 8.9 7.3 10.9





#93

Benzo(a)pyrene

Concen: 26.849 ng/ul

RT: 24.027 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BP015688.D

Acq: 24 Jun 2023 01:05

Instrument :

BNA_P

ClientSampleId :

DCFL8

Tgt Ion:252 Resp: 1081000

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

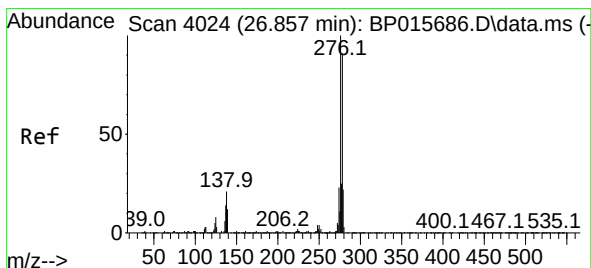
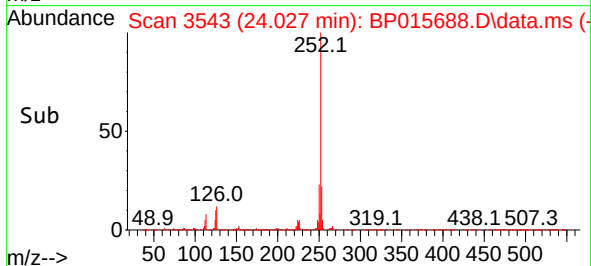
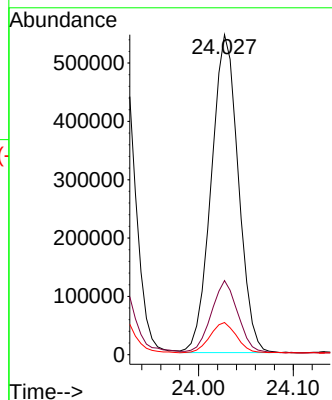
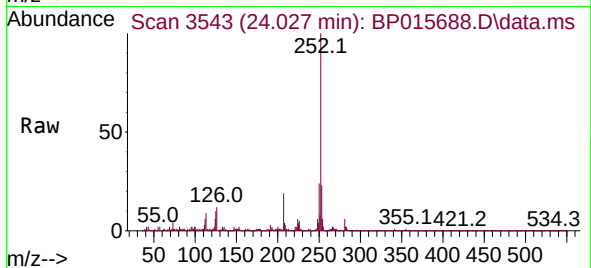
125 10.1 8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.107 ng/ul

RT: 26.862 min Scan# 4025

Delta R.T. 0.024 min

Lab File: BP015688.D

Acq: 24 Jun 2023 01:05

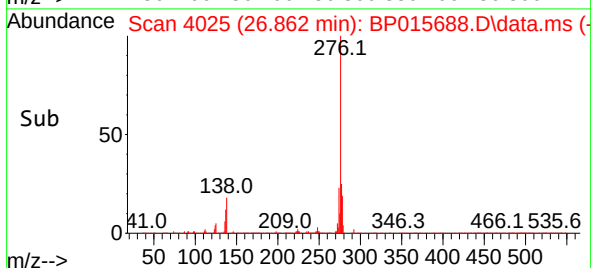
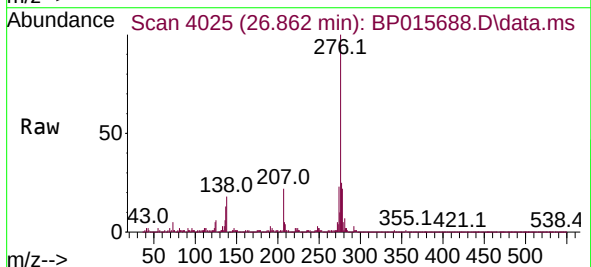
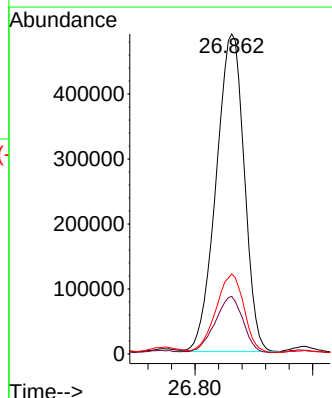
Tgt Ion:276 Resp: 1620836

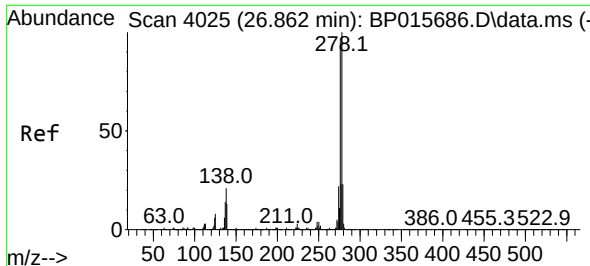
Ion Ratio Lower Upper

276 100

138 18.0 17.3 25.9

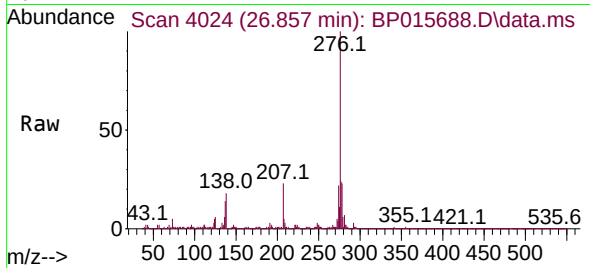
277 25.0 20.2 30.2





#95
Dibenzo(a,h)anthracene
Concen: 10.229 ng/ul
RT: 26.857 min Scan# 4025
Delta R.T. 0.006 min
Lab File: BP015688.D
Acq: 24 Jun 2023 01:05

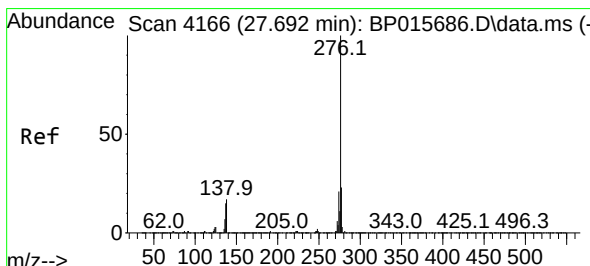
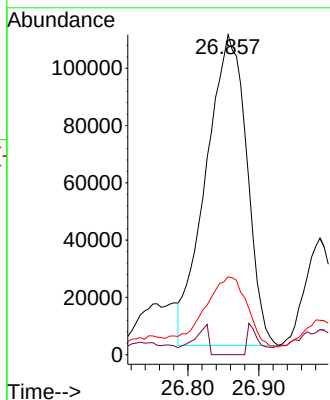
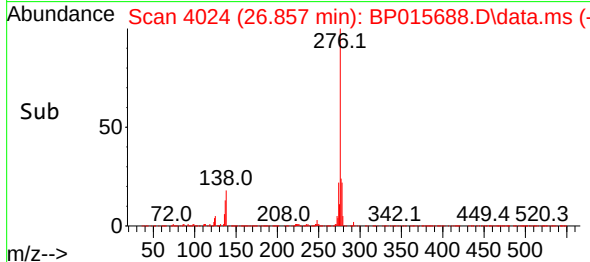
Instrument :
BNA_P
ClientSampleId :
DCFL8



Tgt Ion:278 Resp: 434210
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0
279 24.4 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#96
Benzo(g,h,i)perylene
Concen: 38.886 ng/ul
RT: 27.709 min Scan# 4169
Delta R.T. 0.030 min
Lab File: BP015688.D
Acq: 24 Jun 2023 01:05

Tgt Ion:276 Resp: 1669784
Ion Ratio Lower Upper
276 100
138 18.0 15.6 23.4
277 23.8 19.0 28.6

