

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015679.D
 Acq On : 23 Jun 2023 19:27
 Operator : MA/JU
 Sample : 03084-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN5

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 00:13:58 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	178615	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	700163	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	387407	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	651268	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	589764	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	734599	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	10818	2.243	ng/uL	0.00
4) Pyridine-d5	3.846	84	121452	9.694	ng/u1	0.00
7) Phenol-d5	7.246	99	211784	12.870	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	139572	14.202	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	180203	15.105	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	124497	9.219	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	89963	16.366	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	101006	16.090	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	160016	13.974	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	58380m	3.552	ng/u1	0.02
46) Dimethylphthalate-d6	14.134	166	521569	17.073	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	574984	17.213	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	43250m	7.906	ng/u1	0.02
60) Fluorene-d10	15.722	176	395053	15.335	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	43860	10.631	ng/u1	0.01
73) Anthracene-d10	17.592	188	490373	16.549	ng/u1	0.00
81) Pyrene-d10	19.822	212	557038	17.647	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	642047	17.419	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.457	152	37607	1.017	ng/u1	99
72) Phenanthrene	17.533	178	56205	1.608	ng/u1	98
80) Fluoranthene	19.492	202	216302	5.626	ng/u1	100
82) Pyrene	19.845	202	199958	5.027	ng/u1	100
85) Benzo(a)anthracene	21.568	228	139310	3.379	ng/u1	96
87) Chrysene	21.621	228	159920	4.104	ng/u1	96
90) Benzo(b)fluoranthene	23.357	252	255042	5.379	ng/u1#	95
91) Benzo(k)fluoranthene	23.404	252	72103m	1.573	ng/u1	
93) Benzo(a)pyrene	24.027	252	140264	3.393	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.856	276	122444	2.289	ng/u1	97
96) Benzo(g,h,i)perylene	27.692	276	111035	2.518	ng/u1	93

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

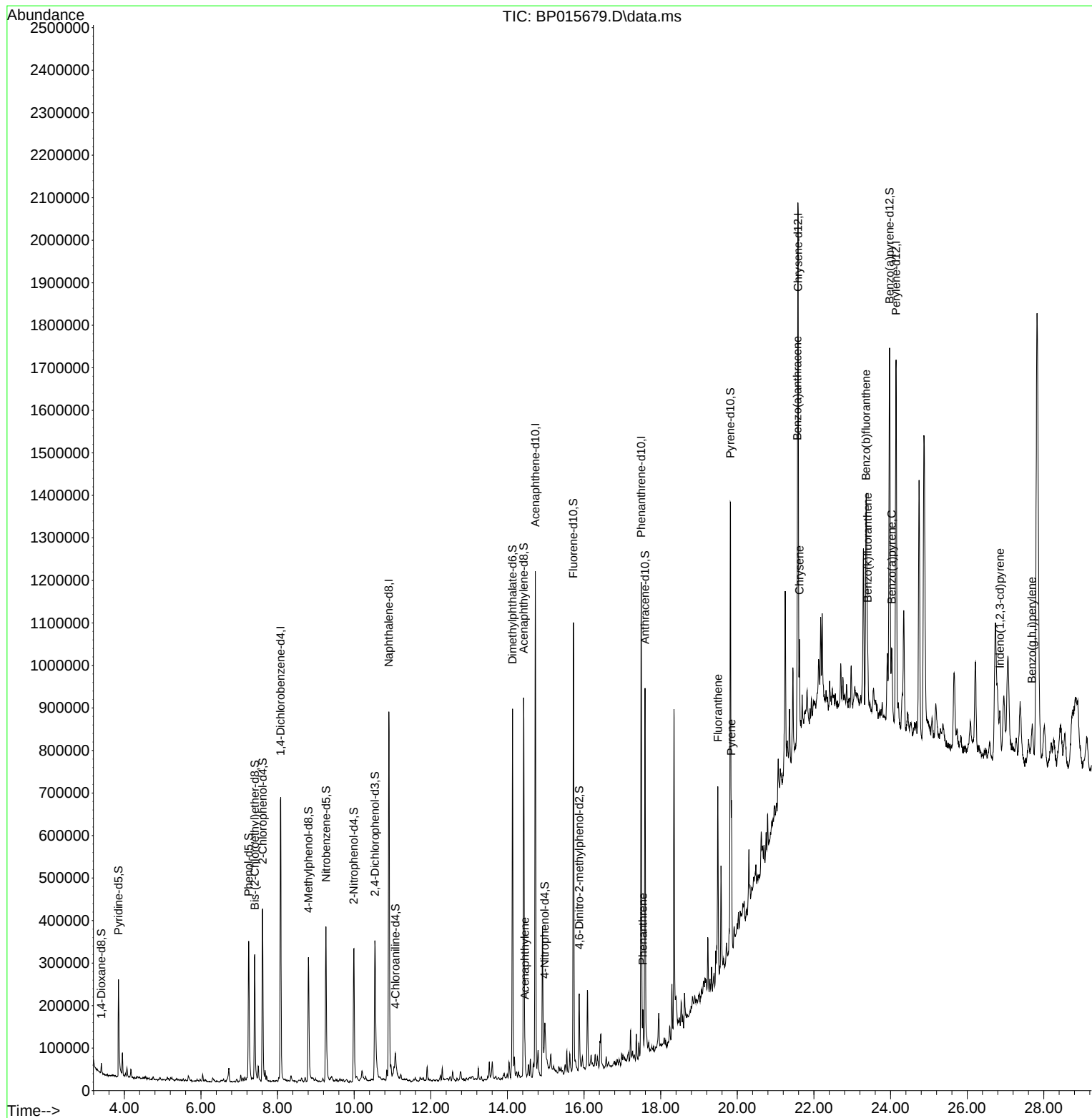
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015679.D
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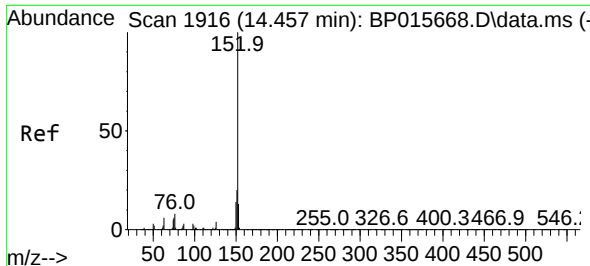
Instrument :
 BNA_P
 ClientSampleId :
 DCFN5

Quant Time: Jun 24 00:13:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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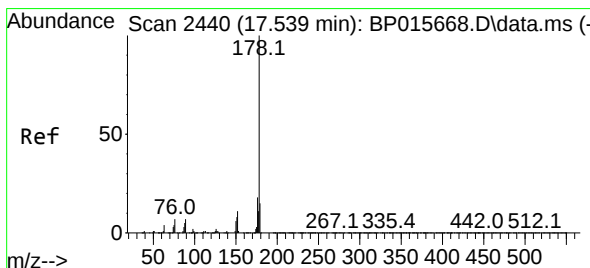
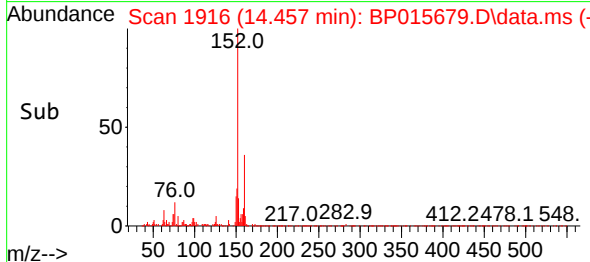
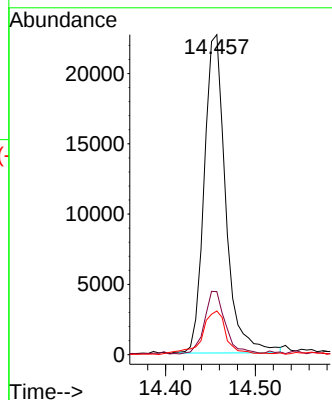
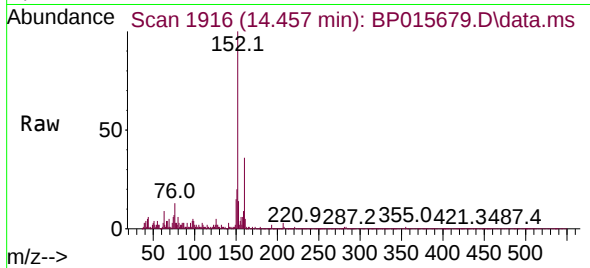
#50
Acenaphthylene
Concen: 1.017 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

Instrument :
BNA_P
ClientSampleId :
DCFN5

Tgt Ion:152 Resp: 3760
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.6 10.6 15.8

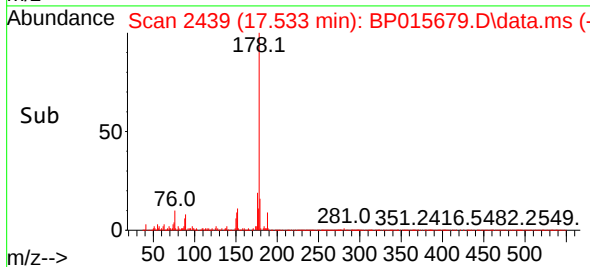
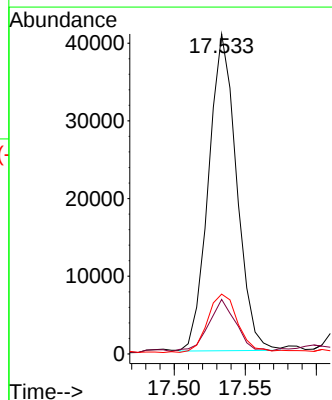
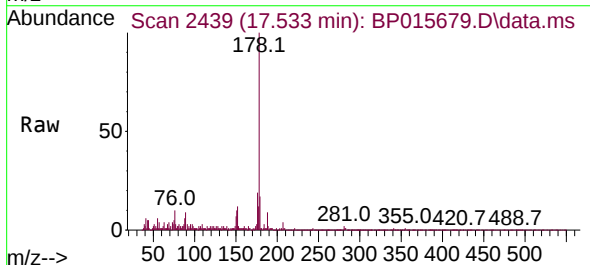
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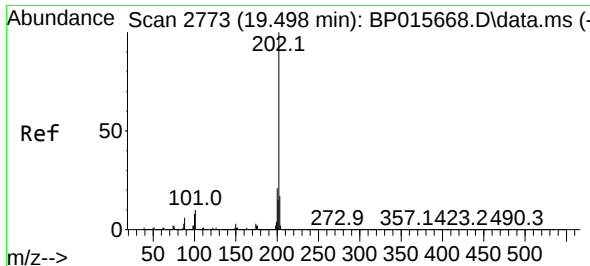
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#72
Phenanthrene
Concen: 1.608 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

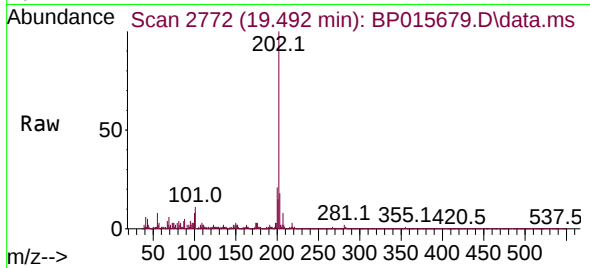
Tgt Ion:178 Resp: 56205
Ion Ratio Lower Upper
178 100
179 17.0 12.3 18.5
176 18.7 15.4 23.0





#80
Fluoranthene
Concen: 5.626 ng/u1
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

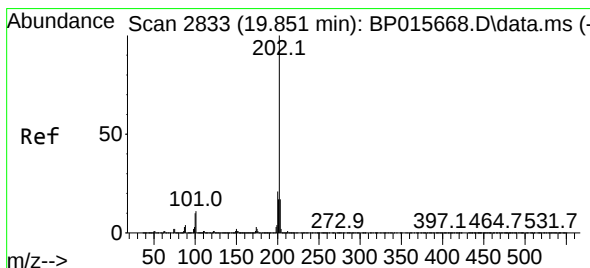
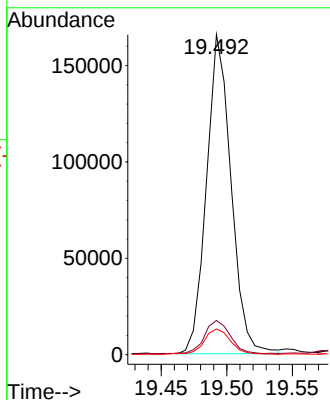
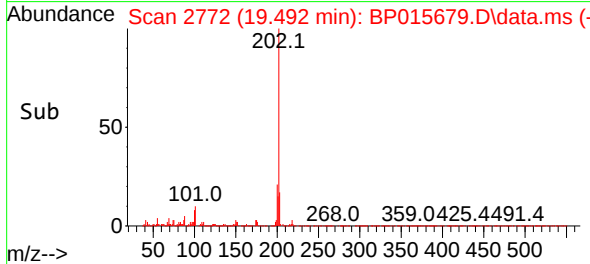
Instrument :
BNA_P
ClientSampleId :
DCFN5



Tgt Ion:202 Resp: 216302
Ion Ratio Lower Upper
202 100
101 10.7 8.6 13.0
100 8.1 6.6 9.8

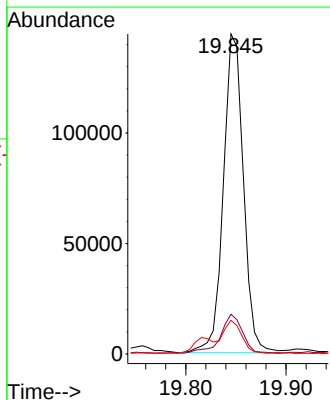
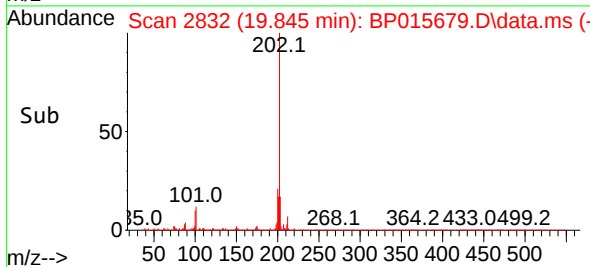
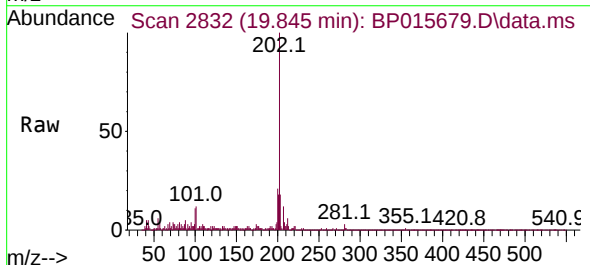
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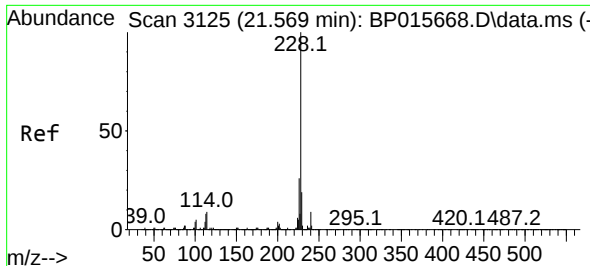
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#82
Pyrene
Concen: 5.027 ng/u1
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

Tgt Ion:202 Resp: 199958
Ion Ratio Lower Upper
202 100
101 12.4 9.9 14.9
100 10.5 8.4 12.6





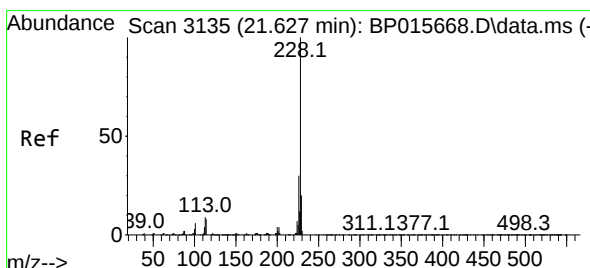
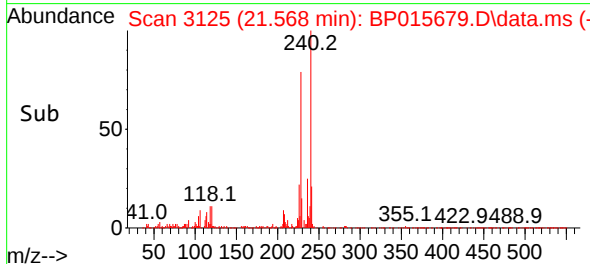
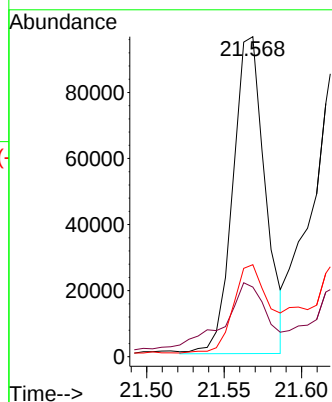
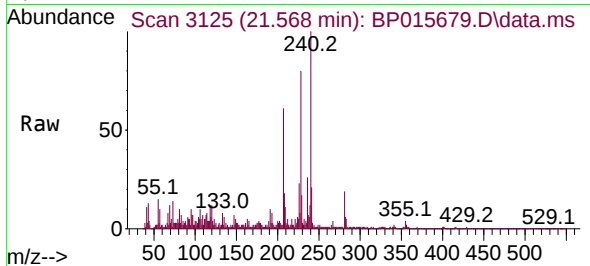
#85
Benzo(a)anthracene
Concen: 3.379 ng/ul
RT: 21.568 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

Instrument :
BNA_P
ClientSampleId :
DCFN5

Tgt Ion:228 Resp: 139310
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 28.8 21.8 32.6

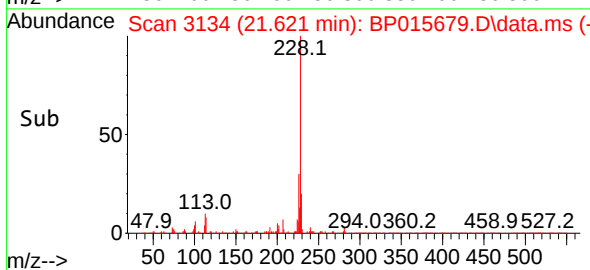
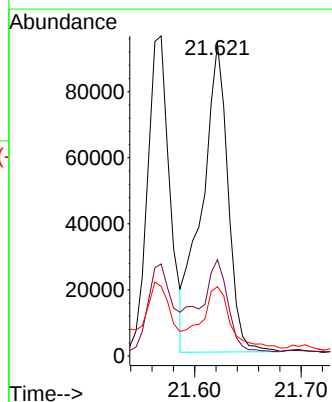
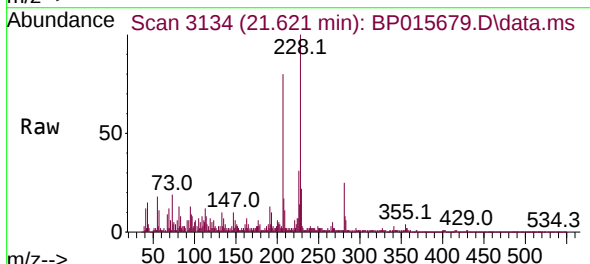
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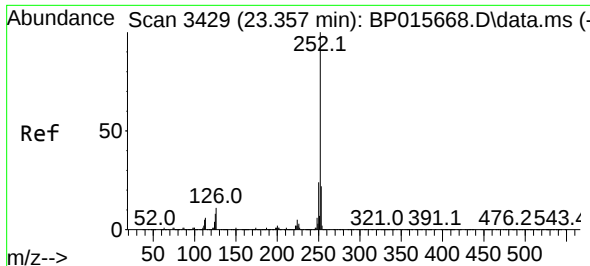
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#87
Chrysene
Concen: 4.104 ng/ul
RT: 21.621 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

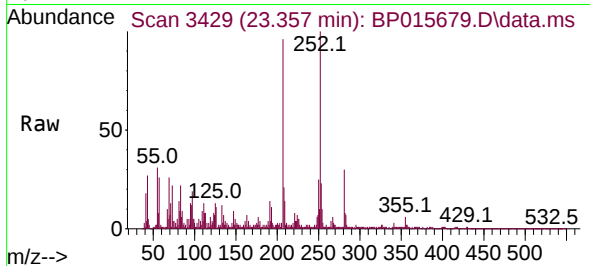
Tgt Ion:228 Resp: 159920
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 22.2 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 5.379 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.012 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

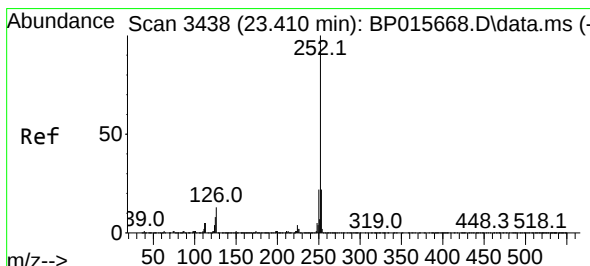
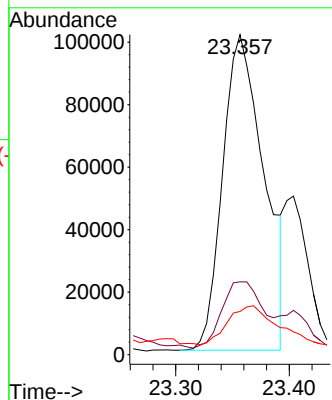
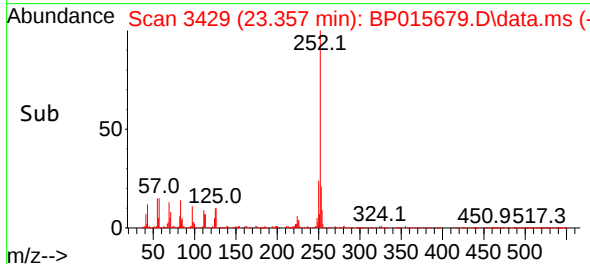
Instrument :
BNA_P
ClientSampleId :
DCFN5



Tgt Ion:252 Resp: 25504
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 13.5 7.3 10.9

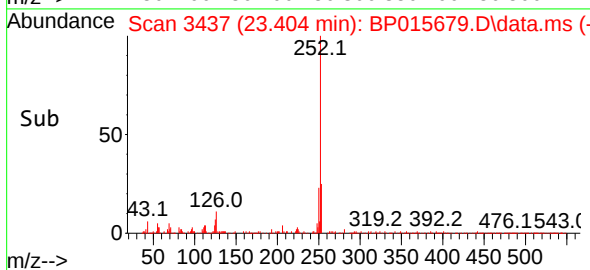
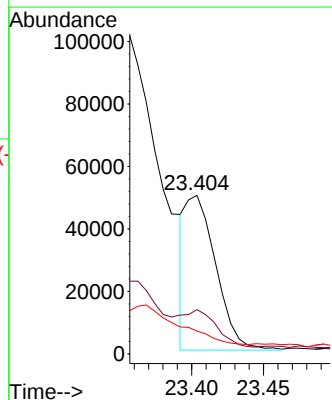
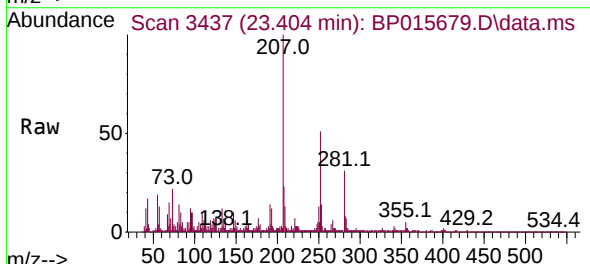
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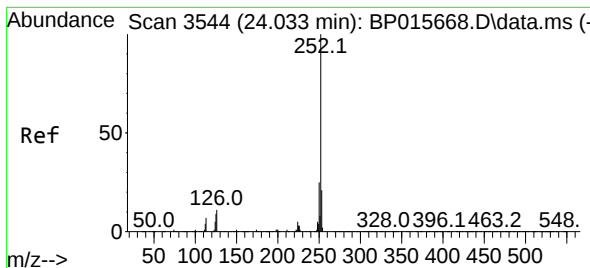
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#91
Benzo(k)fluoranthene
Concen: 1.573 ng/ul m
RT: 23.404 min Scan# 3437
Delta R.T. 0.006 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

Tgt Ion:252 Resp: 72103
Ion Ratio Lower Upper
252 100
253 27.9 17.7 26.5#
125 14.5 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 3.393 ng/ul

RT: 24.027 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP015679.D

Acq: 23 Jun 2023 19:27

Instrument :

BNA_P

ClientSampleId :

DCFN5

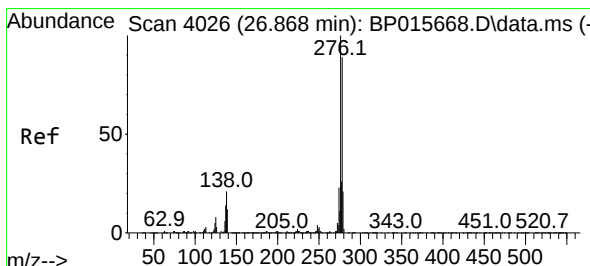
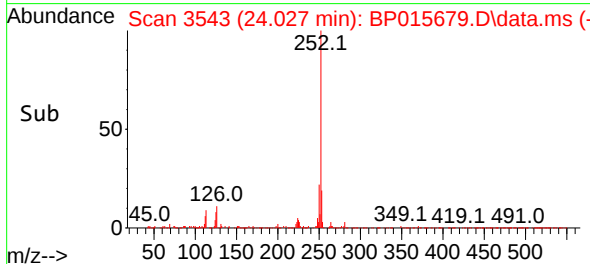
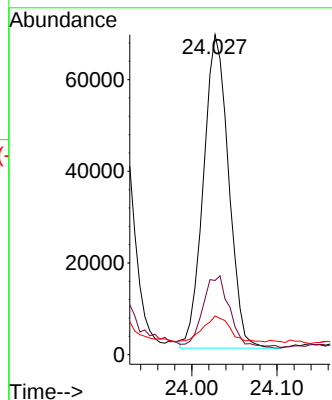
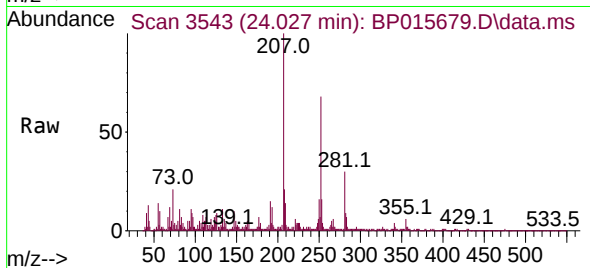
Tgt Ion:	252	Resp:	140264
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	12.1	8.1	12.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.289 ng/ul

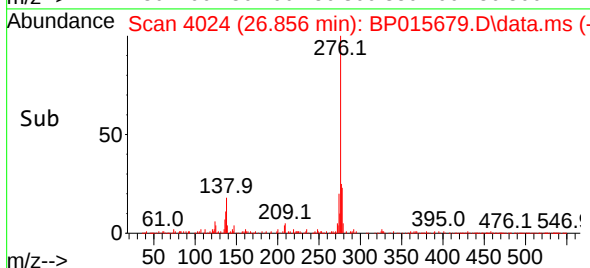
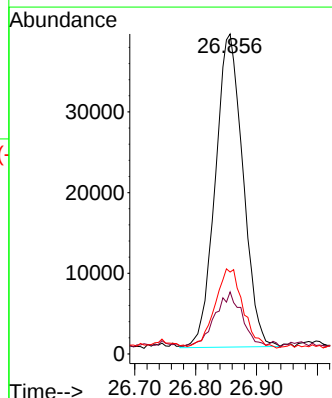
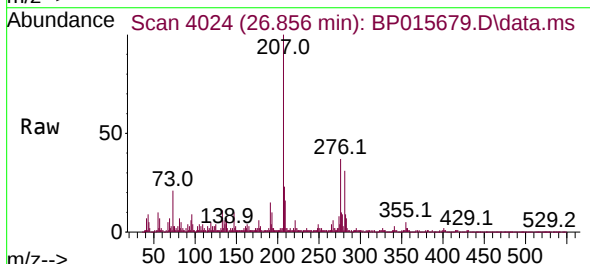
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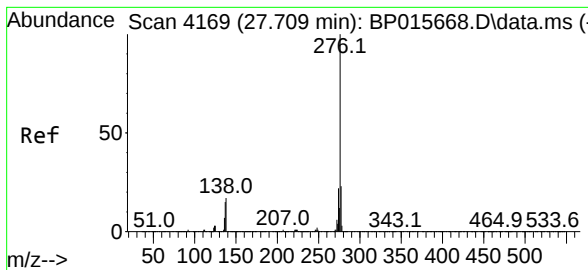
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Lab File: BP015679.D

Acq: 23 Jun 2023 19:27

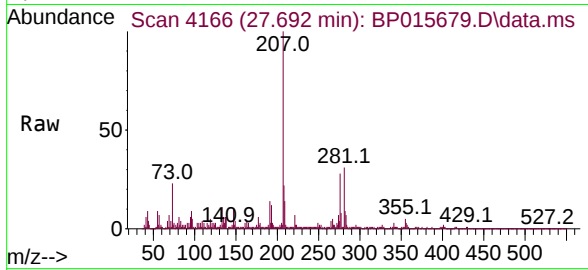
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Ion Ratio	Lower	Upper	
276	100		
138	19.4	17.3	25.9
277	25.6	20.2	30.2





#96
 Benzo(g,h,i)perylene
 Concen: 2.518 ng/ul
 RT: 27.692 min Scan# 4166
 Delta R.T. 0.012 min
 Lab File: BP015679.D
 Acq: 23 Jun 2023 19:27

Instrument :
 BNA_P
 ClientSampleId :
 DCFN5



Tgt Ion: 276 Resp: 111035

Ion	Ratio	Lower	Upper
276	100		
138	22.2	15.6	23.4
277	27.3	19.0	28.6

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