

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015809.D
 Acq On : 29 Jun 2023 14:05
 Operator : MA/JU
 Sample : 03143-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 23:25:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	198928	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	846833	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.710	164	478782	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	958470	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	839036	20.000	ng/u1	# 0.00
88) Perylene-d12	24.104	264	967966	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	11271	2.039	ng/uL	0.00
4) Pyridine-d5	3.834	84	90476	6.491	ng/u1	0.01
7) Phenol-d5	7.246	99	183377	10.774	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	134905	12.811	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	157233	12.238	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	113150	8.415	ng/u1	0.02
21) Nitrobenzene-d5	9.263	128	65135	10.064	ng/u1	0.02
24) 2-Nitrophenol-d4	9.993	143	80354	10.638	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.575	165	120552	8.956	ng/u1	0.06
31) 4-Chloroaniline-d4	11.093	131	124766	7.216	ng/u1	0.06
46) Dimethylphthalate-d6	14.122	166	469216	12.679	ng/u1	0.01
49) Acenaphthylene-d8	14.404	160	537759	12.927	ng/u1	0.00
54) 4-Nitrophenol-d4	15.034	143	35463m	7.262	ng/u1	0.08
60) Fluorene-d10	15.710	176	396851	13.024	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.892	200	30725m	5.212	ng/u1	0.04
73) Anthracene-d10	17.575	188	573185	13.092	ng/u1	0.00
81) Pyrene-d10	19.798	212	686613	12.532	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	662971	13.578	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.434	152	57100	1.246	ng/u1	98
74) Anthracene	17.616	178	55338	1.058	ng/u1	98
80) Fluoranthene	19.474	202	288750	4.241	ng/u1#	92
82) Pyrene	19.827	202	323630	4.659	ng/u1#	91
85) Benzo(a)anthracene	21.539	228	203598	3.450	ng/u1	96
87) Chrysene	21.598	228	227216	4.058	ng/u1	96
90) Benzo(b)fluoranthene	23.321	252	390507	6.279	ng/u1#	92
91) Benzo(k)fluoranthene	23.363	252	148914m	2.370	ng/u1	
93) Benzo(a)pyrene	23.986	252	198619	3.655	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.804	276	173985	2.358	ng/u1#	95
96) Benzo(g,h,i)perylene	27.645	276	138377	2.280	ng/u1#	91

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

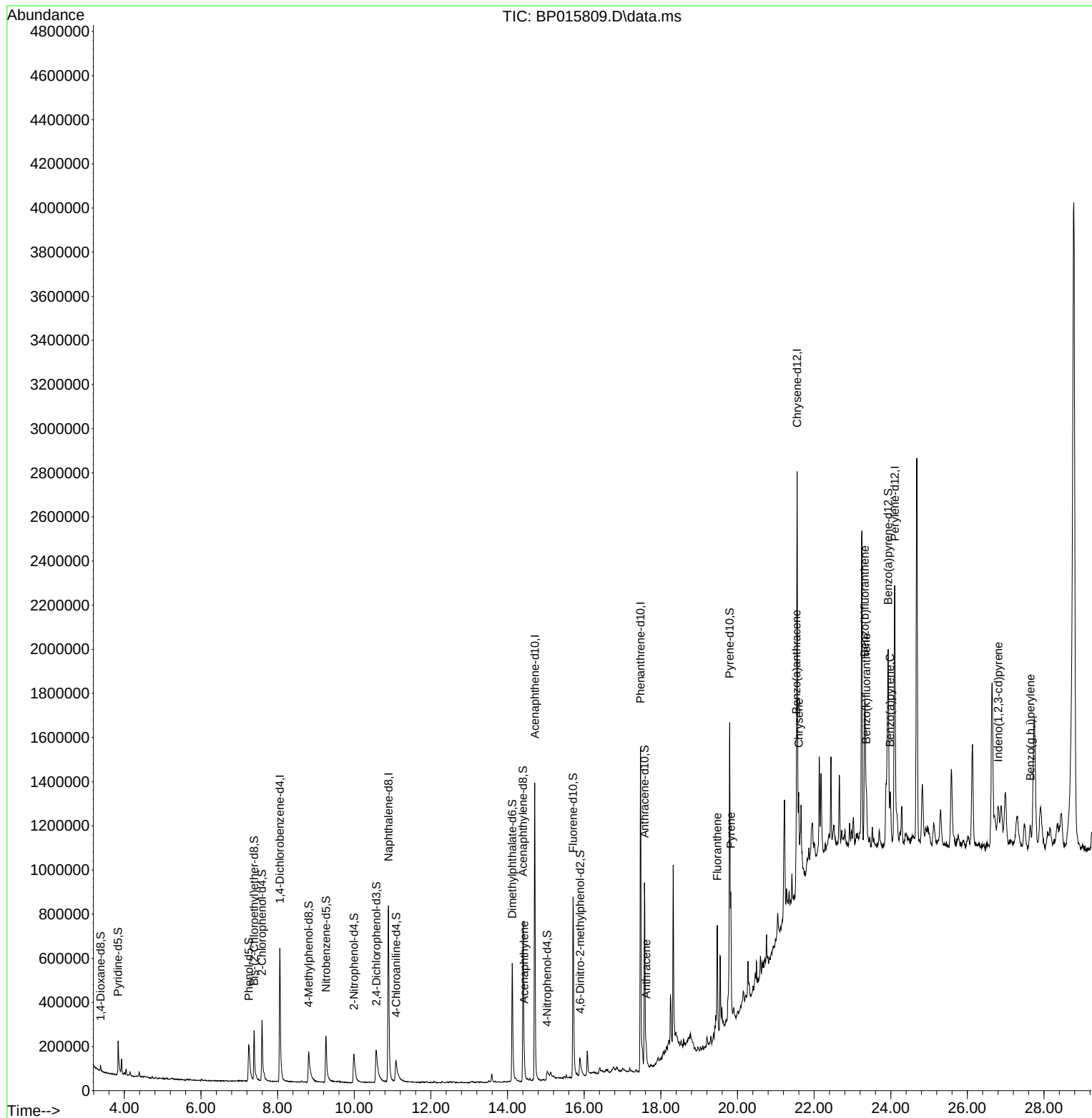
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015809.D
 Acq On : 29 Jun 2023 14:05
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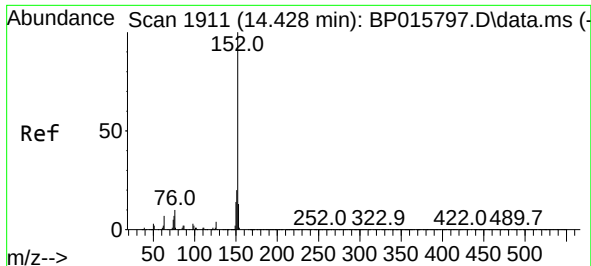
Instrument :
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 DCFV1

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 Supervised By :mohammad ahmed 06/30/2023

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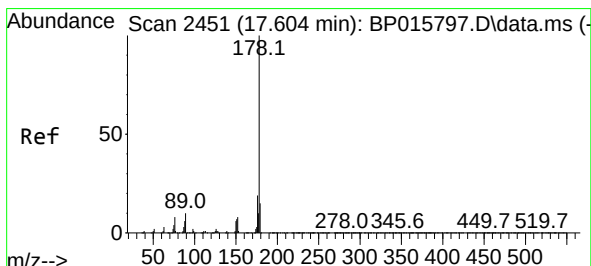
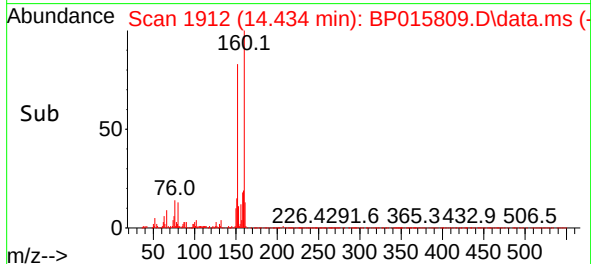
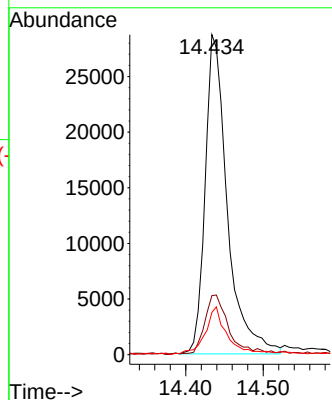
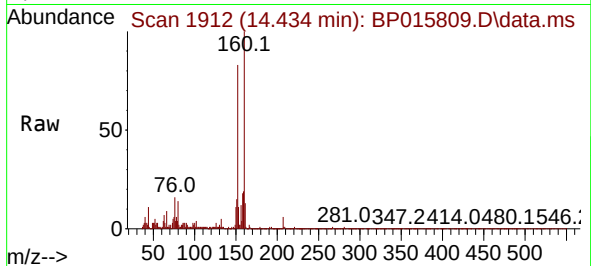
#50
Acenaphthylene
Concen: 1.246 ng/ul
RT: 14.434 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP015809.D
Acq: 29 Jun 2023 14:05

Instrument :
BNA_P
ClientSampleId :
DCFV1

Tgt Ion:152 Resp: 57100
Ion Ratio Lower Upper
152 100
151 18.4 16.2 24.2
153 13.2 10.5 15.7

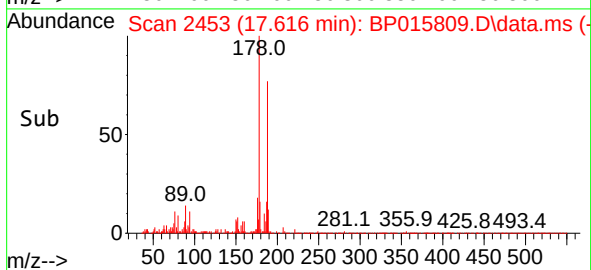
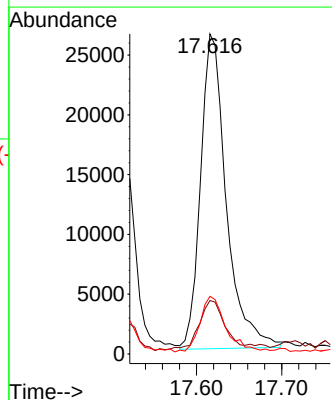
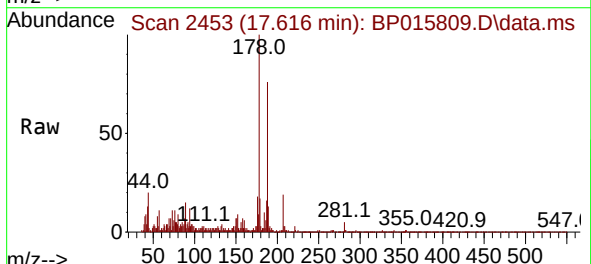
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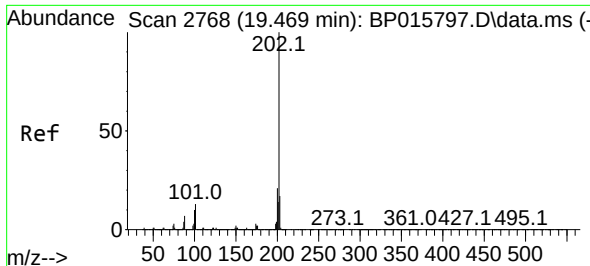
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#74
Anthracene
Concen: 1.058 ng/ul
RT: 17.616 min Scan# 2453
Delta R.T. 0.012 min
Lab File: BP015809.D
Acq: 29 Jun 2023 14:05

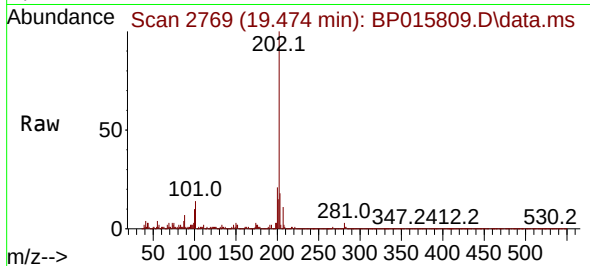
Tgt Ion:178 Resp: 55338
Ion Ratio Lower Upper
178 100
179 16.7 12.1 18.1
176 18.0 14.6 22.0





#80
Fluoranthene
Concen: 4.241 ng/ul
RT: 19.474 min Scan# 2768
Delta R.T. -0.000 min
Lab File: BP015809.D
Acq: 29 Jun 2023 14:05

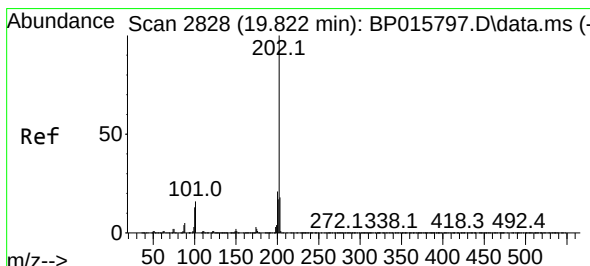
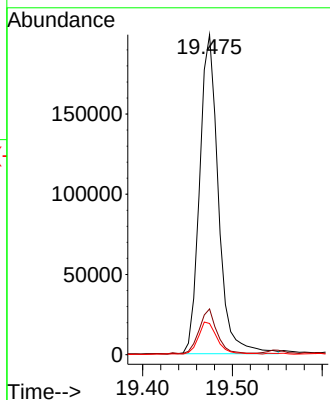
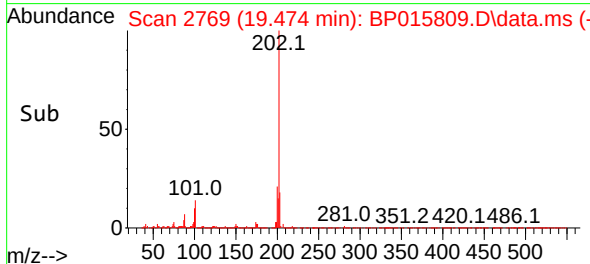
Instrument :
BNA_P
ClientSampleId :
DCFV1



Tgt Ion:202 Resp: 288750
Ion Ratio Lower Upper
202 100
101 14.3 8.3 12.5
100 9.8 6.6 9.8

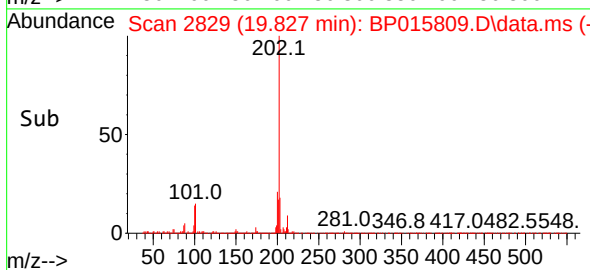
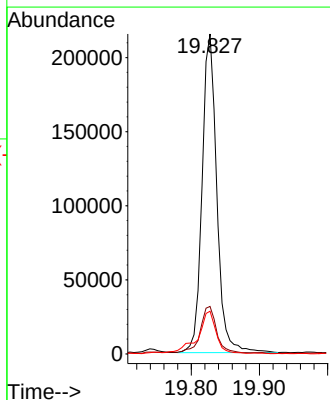
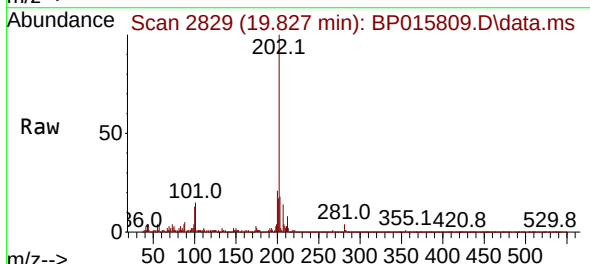
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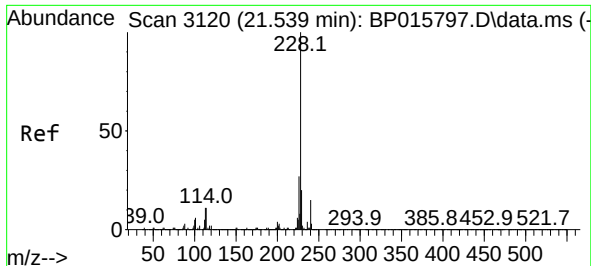
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#82
Pyrene
Concen: 4.659 ng/ul
RT: 19.827 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP015809.D
Acq: 29 Jun 2023 14:05

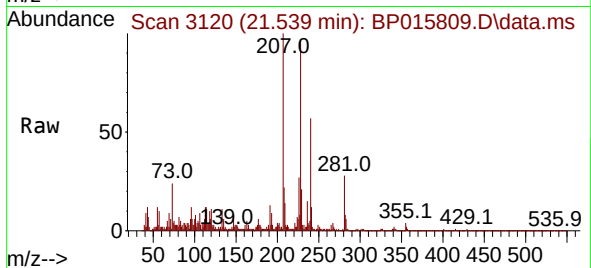
Tgt Ion:202 Resp: 323630
Ion Ratio Lower Upper
202 100
101 14.8 9.3 13.9#
100 13.3 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 3.450 ng/ul
RT: 21.539 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP015809.D
Acq: 29 Jun 2023 14:05

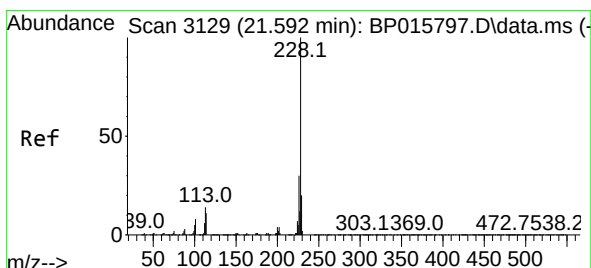
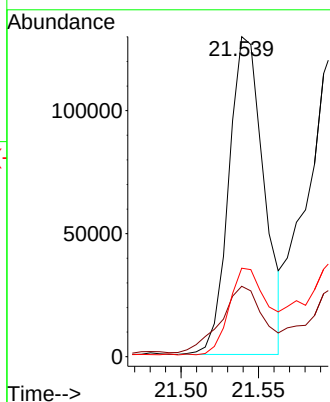
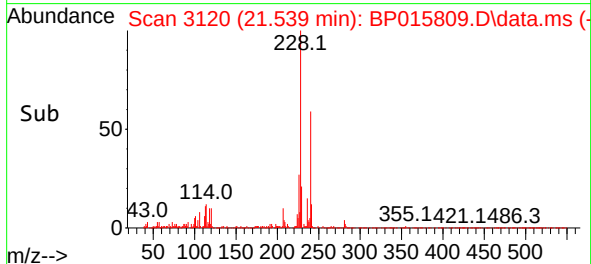
Instrument : BNA_P
ClientSampleId : DCFV1



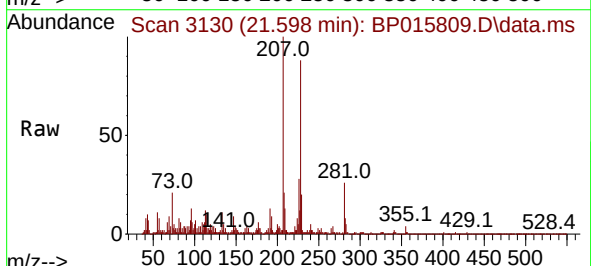
Tgt Ion:228 Resp: 203598
Ion Ratio Lower Upper
228 100
229 22.0 15.3 22.9
226 27.7 21.4 32.0

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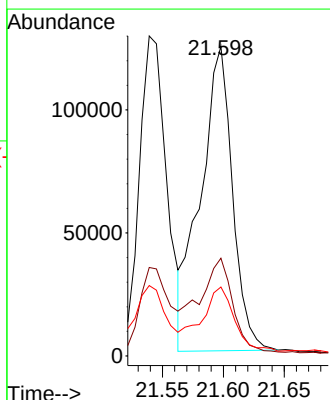
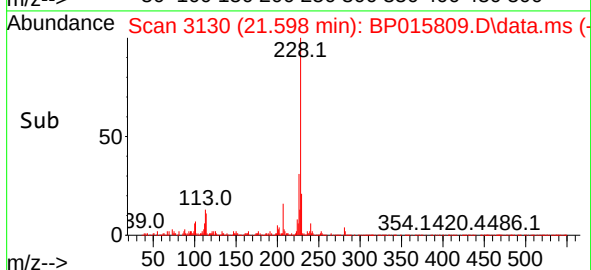
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

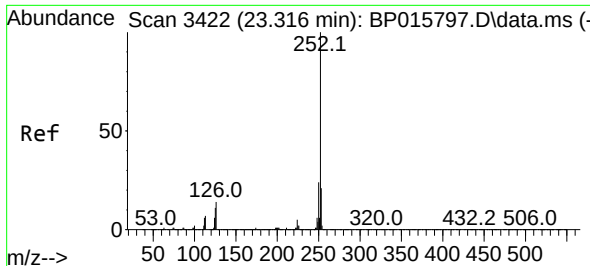


#87
Chrysene
Concen: 4.058 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP015809.D
Acq: 29 Jun 2023 14:05



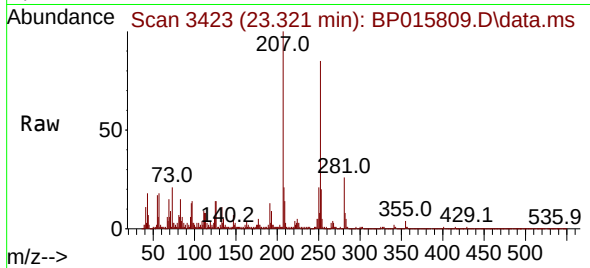
Tgt Ion:228 Resp: 227216
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 22.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 6.279 ng/ul
RT: 23.321 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015809.D
Acq: 29 Jun 2023 14:05

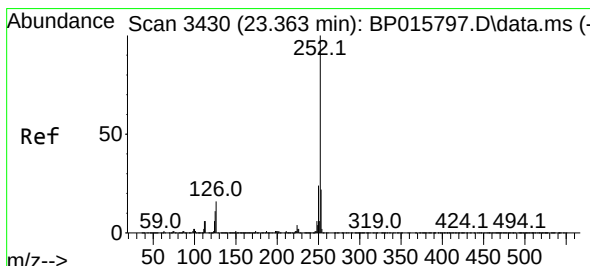
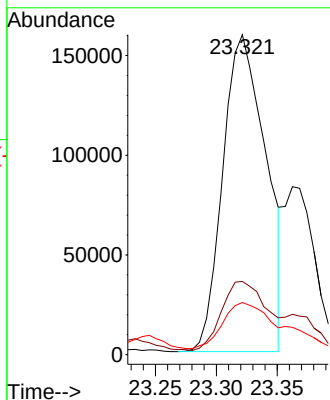
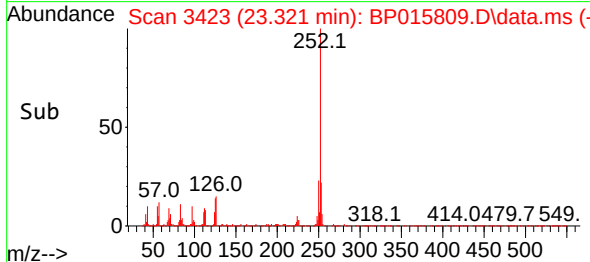
Instrument :
BNA_P
ClientSampleId :
DCFV1



Tgt Ion:252 Resp: 390507
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 16.3 7.5 11.3

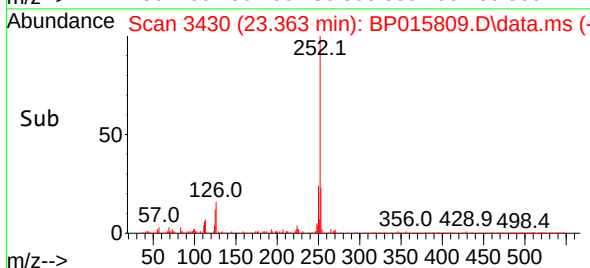
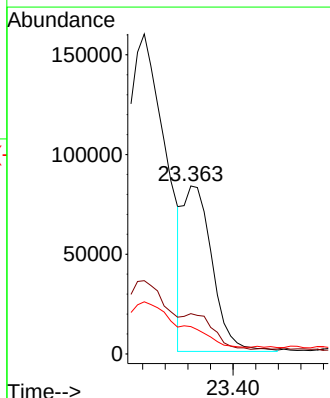
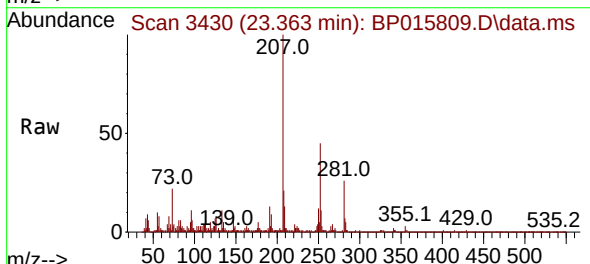
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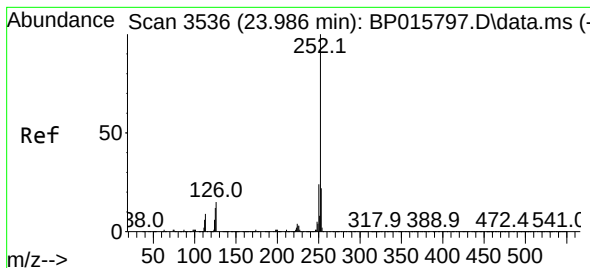
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#91
Benzo(k)fluoranthene
Concen: 2.370 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BP015809.D
Acq: 29 Jun 2023 14:05

Tgt Ion:252 Resp: 148914
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 16.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 3.655 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

Instrument :

BNA_P

ClientSampleId :

DCFV1

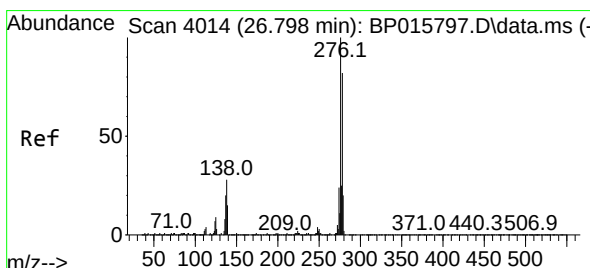
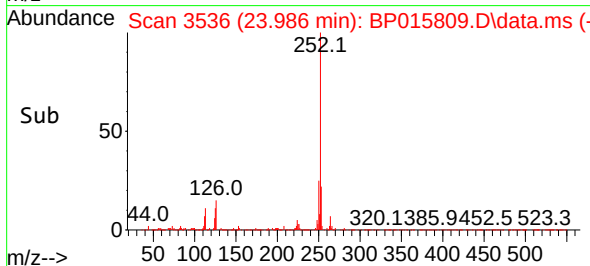
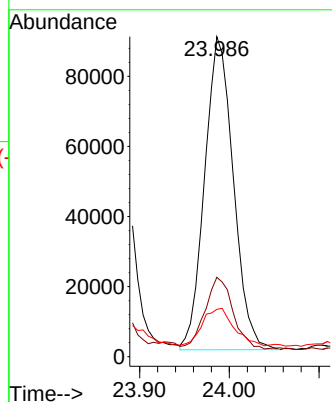
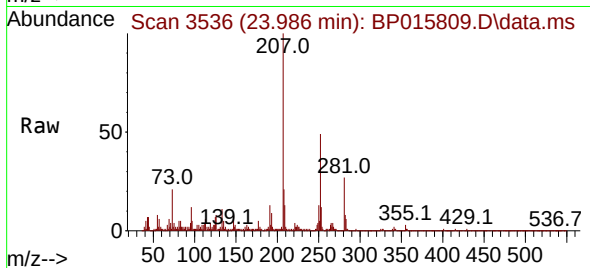
Tgt Ion:	252	Resp:	198619
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.7	26.5
125	14.8	8.2	12.2

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.358 ng/ul

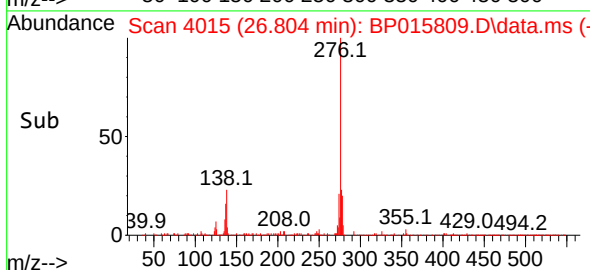
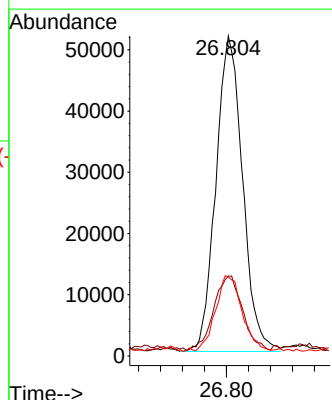
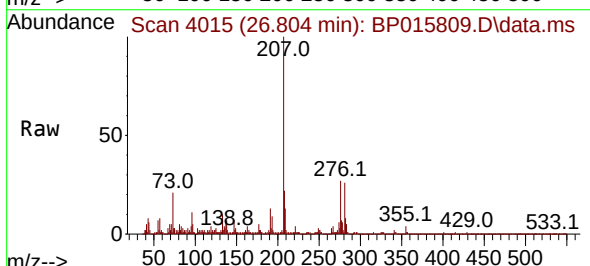
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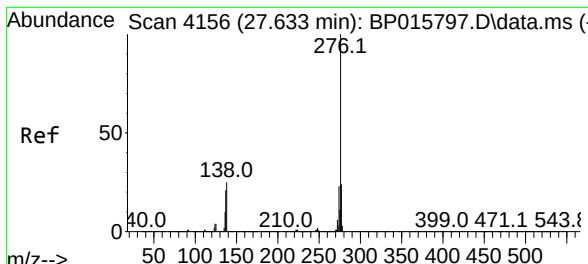
Delta R.T. 0.006 min

Lab File: BP015809.D

Acq: 29 Jun 2023 14:05

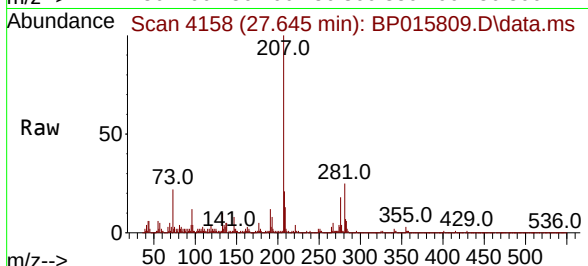
Tgt Ion:	276	Resp:	173985
Ion Ratio	Lower	Upper	
276	100		
138	25.0	15.7	23.5
277	24.7	19.6	29.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.280 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. 0.012 min
 Lab File: BP015809.D
 Acq: 29 Jun 2023 14:05

Instrument :
 BNA_P
 ClientSampleId :
 DCFV1



Tgt Ion: 276 Resp: 13837

Ion	Ratio	Lower	Upper
276	100		
138	27.5	15.1	22.7
277	23.4	18.8	28.2

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