

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015630.D
 Acq On : 20 Jun 2023 19:52
 Operator : MA/JU
 Sample : 03080-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023

Quant Time: Jun 20 23:38:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	94492	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	413915	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	272042	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	657014	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	669745	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	730295	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	10737	4.208	ng/uL	0.00
4) Pyridine-d5	3.858	84	35612	5.373	ng/u1	0.01
7) Phenol-d5	7.246	99	216770	24.901	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	137213	26.393	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	178253	28.243	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	150335	21.042	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	94110	28.960	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	104465	28.150	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	176543	26.079	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	144555	14.877	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	627893	29.269	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	715736	30.513	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	55114	14.347	ng/u1	0.03
60) Fluorene-d10	15.722	176	553400	30.592	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	75710	18.190	ng/u1	0.00
73) Anthracene-d10	17.586	188	875767	29.297	ng/u1	0.00
81) Pyrene-d10	19.810	212	1163161	32.449	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1105472	30.169	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.528	178	61180	1.735	ng/u1	98
80) Fluoranthene	19.480	202	181315	4.153	ng/u1	99
82) Pyrene	19.833	202	158919	3.518	ng/u1	100
85) Benzo(a)anthracene	21.551	228	103198	2.204	ng/u1	97
87) Chrysene	21.604	228	129063m	2.916	ng/u1	
90) Benzo(b)fluoranthene	23.333	252	195068	4.138	ng/u1#	96
91) Benzo(k)fluoranthene	23.374	252	67448	1.480	ng/u1#	85
93) Benzo(a)pyrene	23.998	252	115484	2.810	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.810	276	97833	1.839	ng/u1	95
96) Benzo(g,h,i)perylene	27.645	276	93019	2.122	ng/u1	99

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

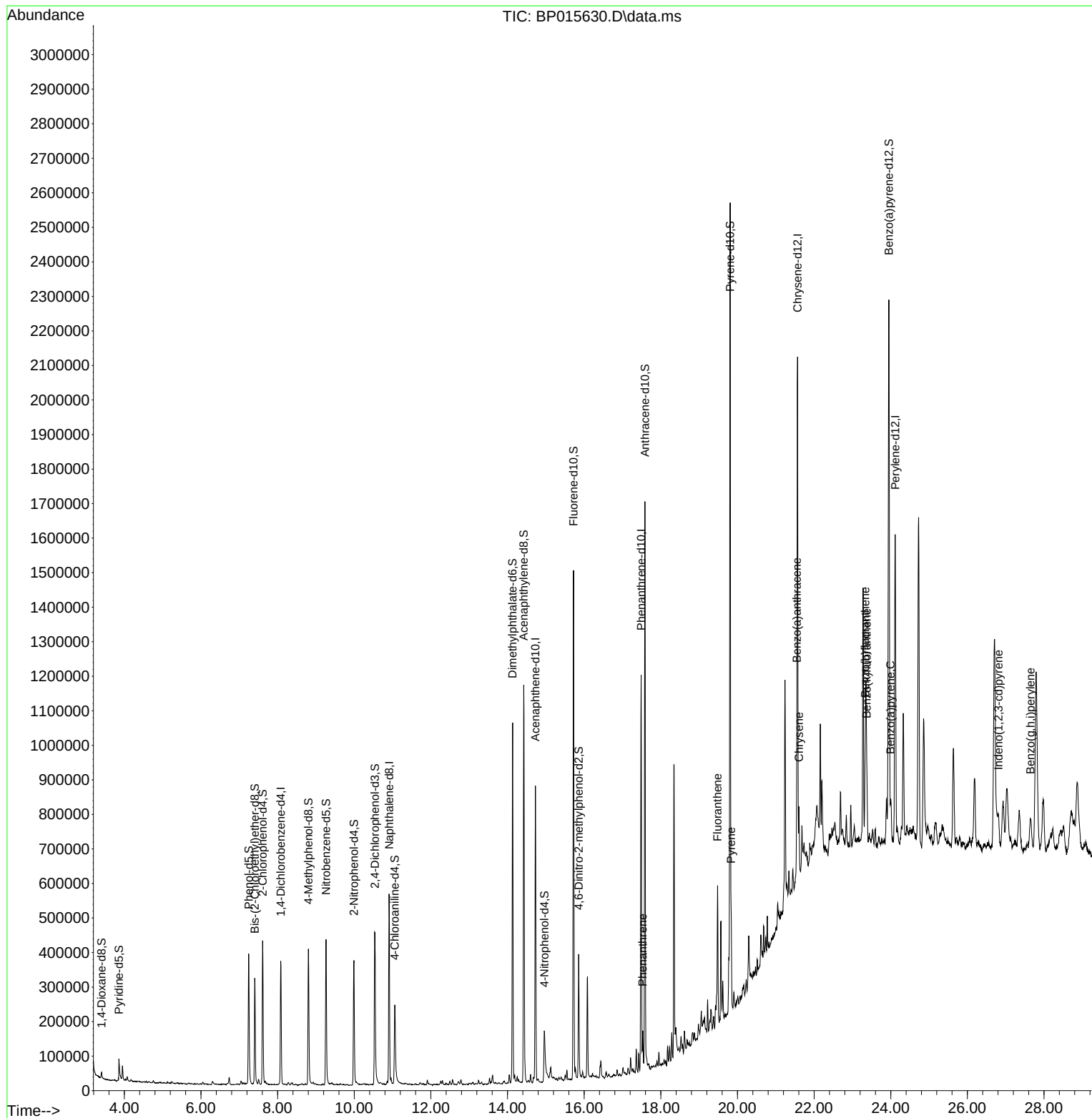
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015630.D
Acq On : 20 Jun 2023 19:52
Operator : MA/JU
Sample : 03080-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

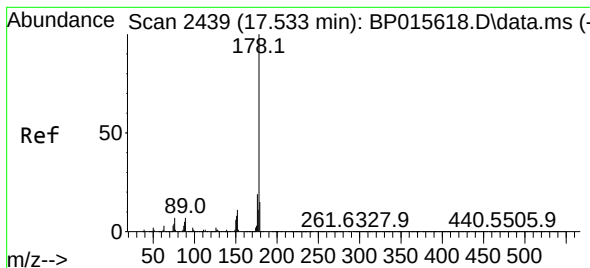
Instrument :
BNA_P
ClientSampleId :
DCFJ8

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.735 ng/ul

RT: 17.528 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BP015630.D

Acq: 20 Jun 2023 19:52

Instrument :

BNP_P

ClientSampleId :

DCFJ8

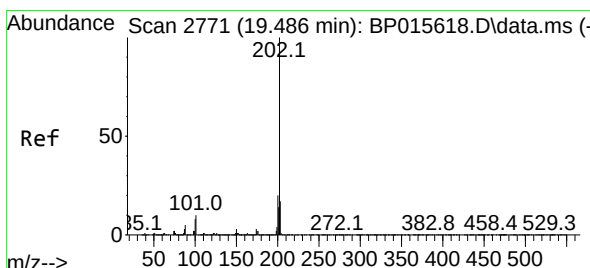
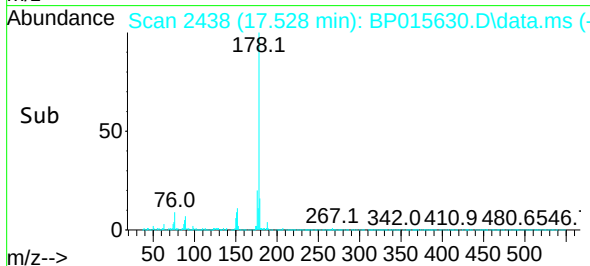
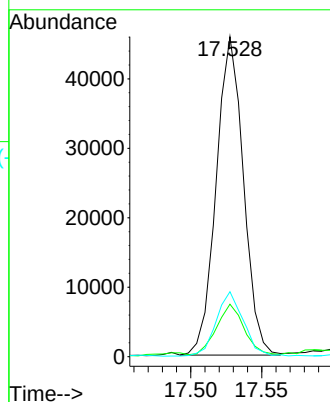
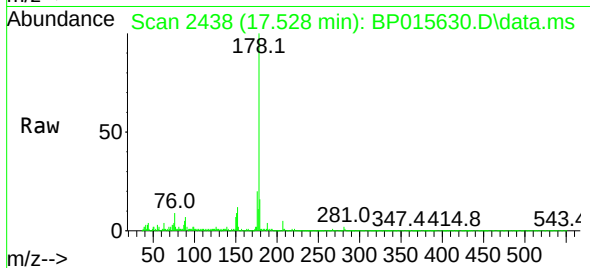
Tgt Ion:178	Resp:	61180
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.3 18.5
176	20.3	15.4 23.0

Manual Integrations

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#80

Fluoranthene

Concen: 4.153 ng/ul

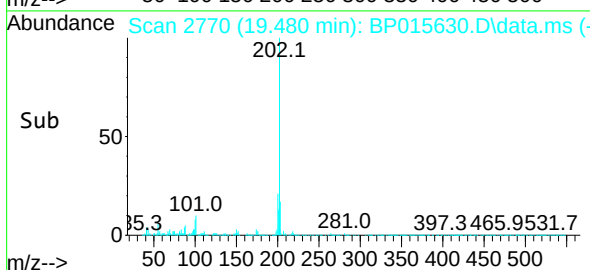
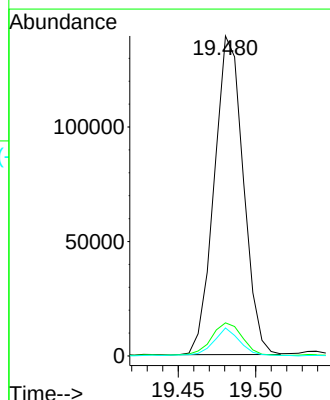
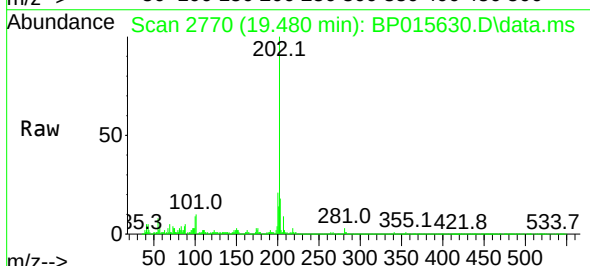
RT: 19.480 min Scan# 2770

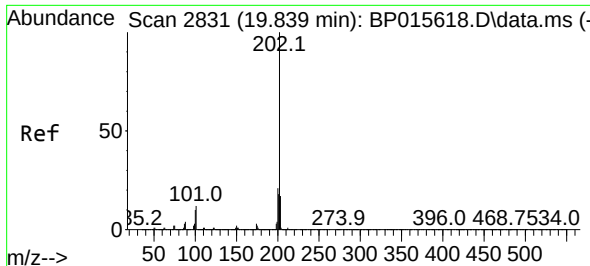
Delta R.T. -0.006 min

Lab File: BP015630.D

Acq: 20 Jun 2023 19:52

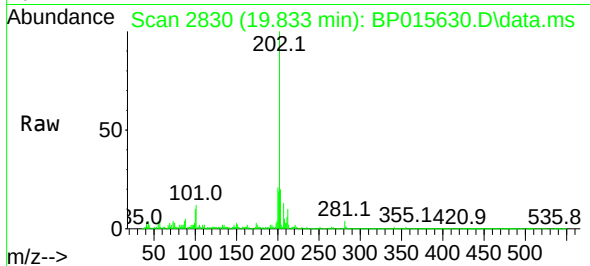
Tgt Ion:202	Resp:	181315
Ion Ratio	Lower	Upper
202	100	
101	10.4	8.6 13.0
100	8.7	6.6 9.8





#82
Pyrene
Concen: 3.518 ng/ul
RT: 19.833 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

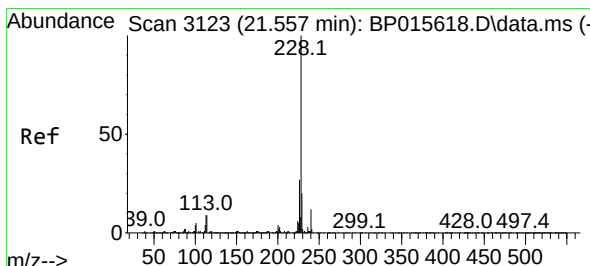
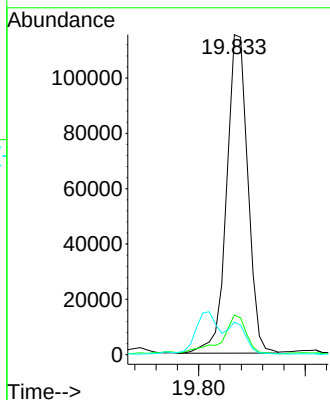
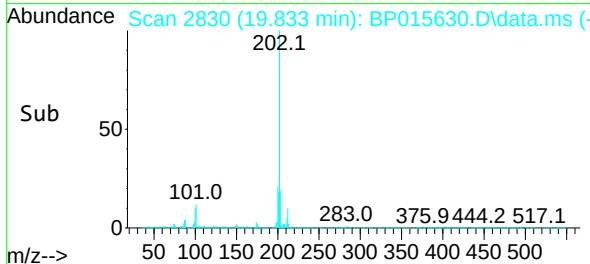
Instrument :
BNA_P
ClientSampleId :
DCFJ8



Tgt Ion:202 Resp: 158919
Ion Ratio Lower Upper
202 100
101 12.4 9.9 14.9
100 10.2 8.4 12.6

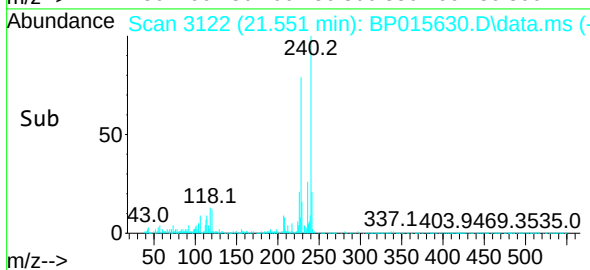
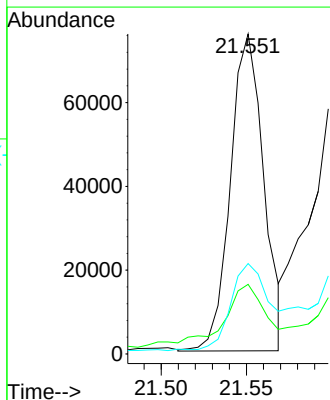
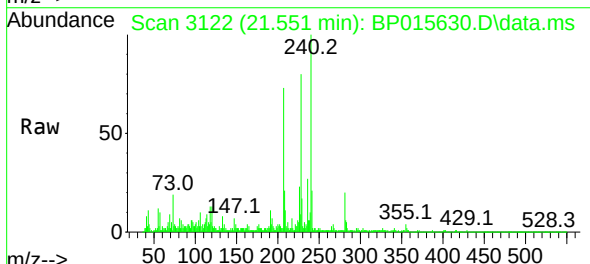
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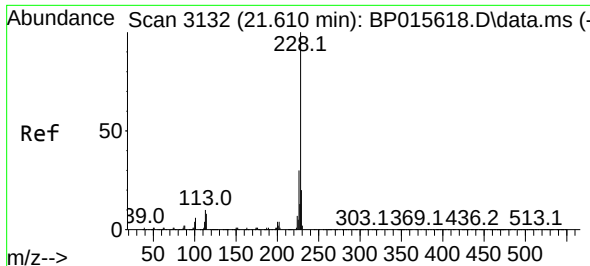
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023



#85
Benzo(a)anthracene
Concen: 2.204 ng/ul
RT: 21.551 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

Tgt Ion:228 Resp: 103198
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 28.3 21.8 32.6





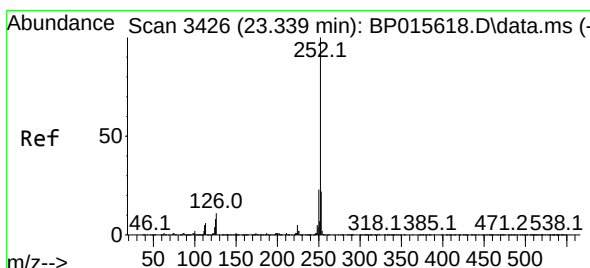
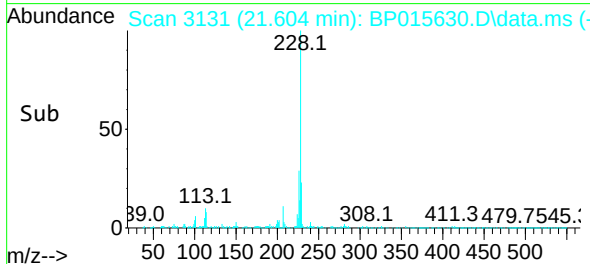
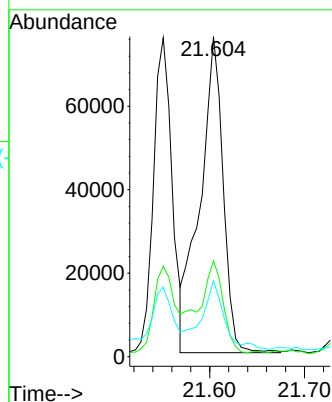
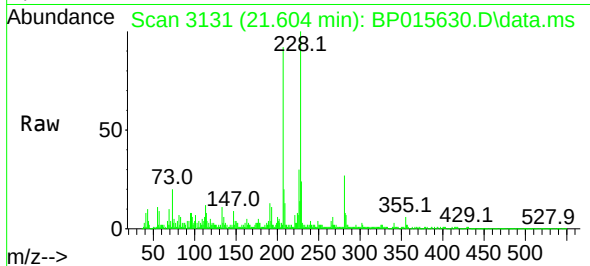
#87
Chrysene
Concen: 2.916 ng/ul m
RT: 21.604 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

Instrument :
BNA_P
ClientSampleId :
DCFJ8

Tgt Ion:228 Resp: 12906
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 23.7 15.1 22.7

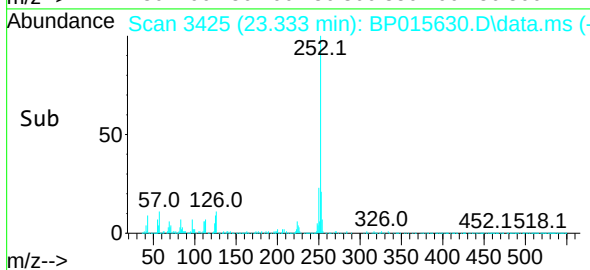
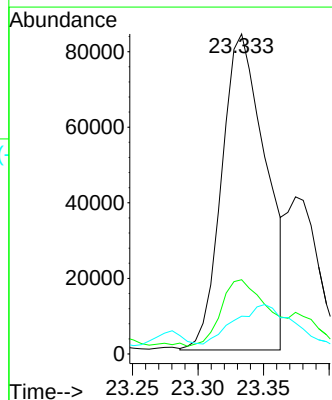
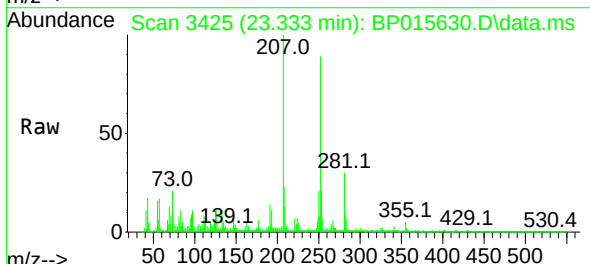
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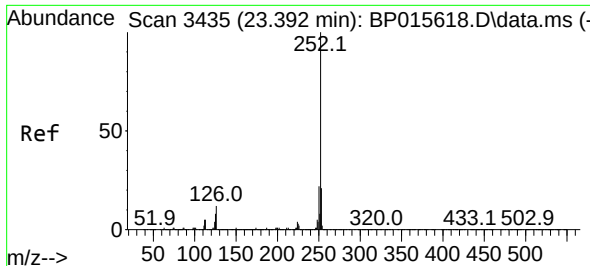
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023



#90
Benzo(b)fluoranthene
Concen: 4.138 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

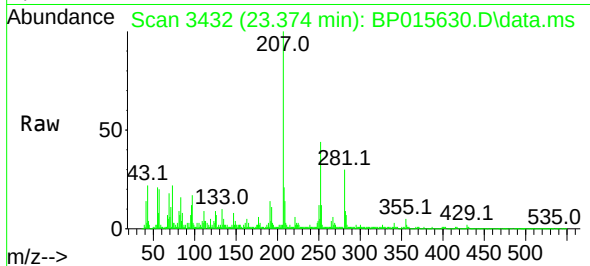
Tgt Ion:252 Resp: 195068
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.8 7.3 10.9





#91
Benzo(k)fluoranthene
Concen: 1.480 ng/u1
RT: 23.374 min Scan# 3435
Delta R.T. -0.006 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52

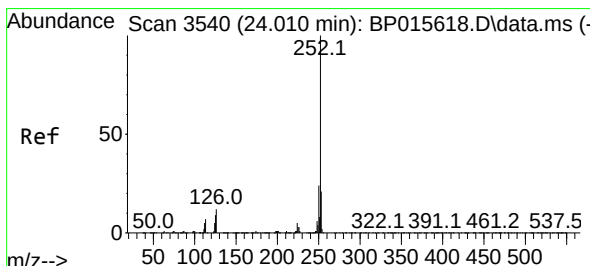
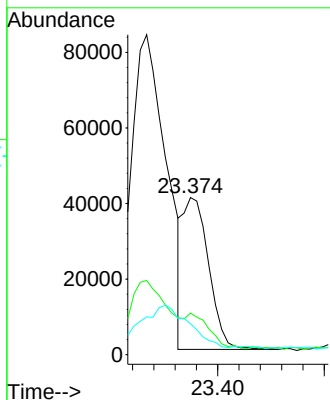
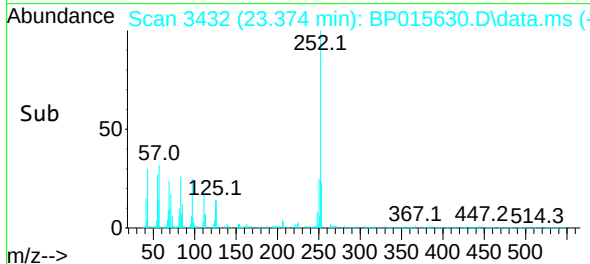
Instrument :
BNA_P
ClientSampleId :
DCFJ8



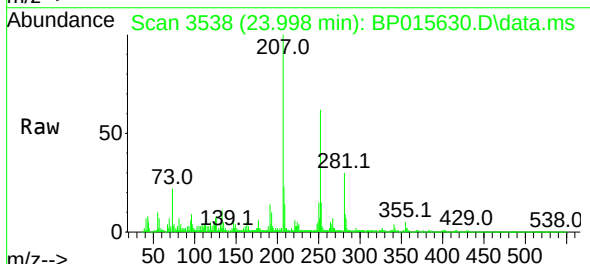
Tgt Ion:252 Resp: 67448
Ion Ratio Lower Upper
252 100
253 26.5 17.7 26.5
125 19.6 7.3 10.9

Manual Integrations
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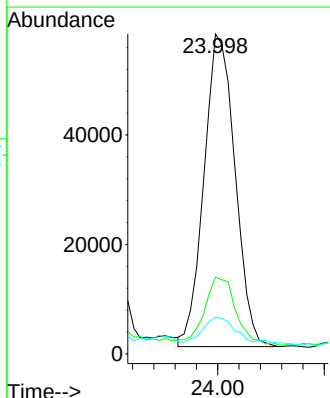
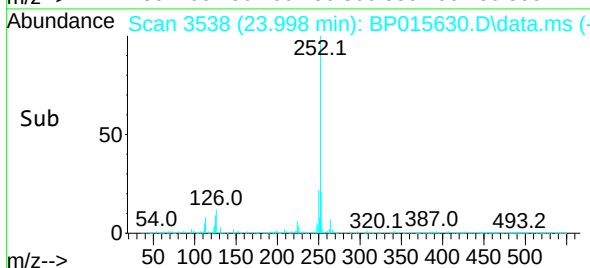
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023

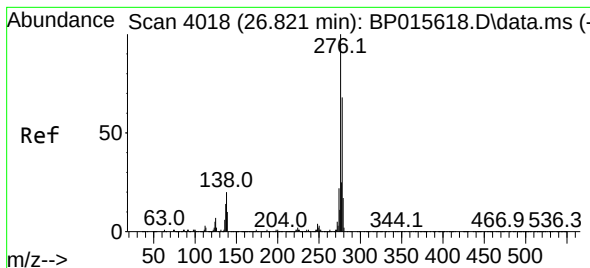


#93
Benzo(a)pyrene
Concen: 2.810 ng/u1
RT: 23.998 min Scan# 3538
Delta R.T. -0.006 min
Lab File: BP015630.D
Acq: 20 Jun 2023 19:52



Tgt Ion:252 Resp: 115484
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 11.5 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.839 ng/ul

RT: 26.810 min Scan# 4018

Delta R.T. -0.000 min

Lab File: BP015630.D

Acq: 20 Jun 2023 19:52

Instrument :

BNA_P

ClientSampleId :

DCFJ8

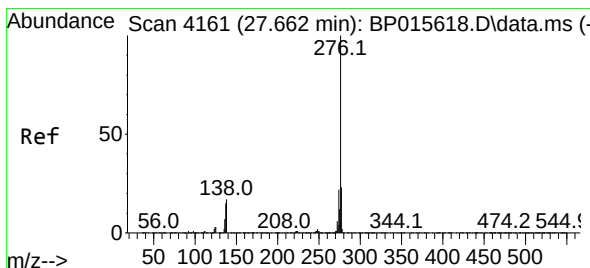
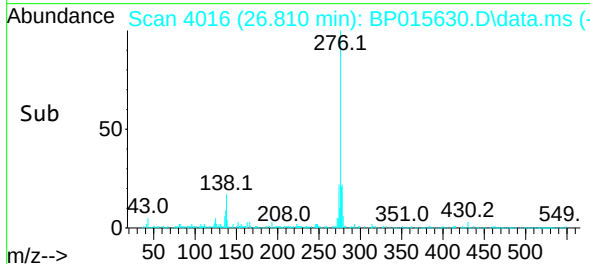
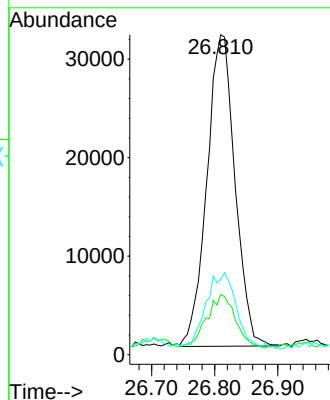
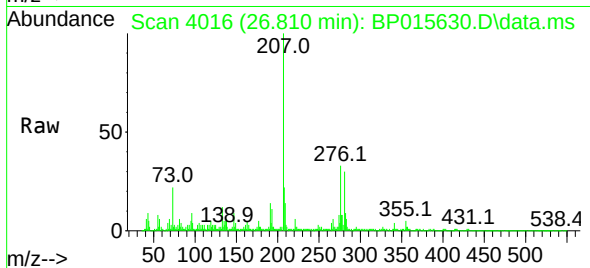
Tgt Ion:	276	Resp:	9783
Ion Ratio	Lower	Upper	
276	100		
138	18.8	17.3	25.9
277	23.5	20.2	30.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/22/2023



#96

Benzo(g,h,i)perylene

Concen: 2.122 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.006 min

Lab File: BP015630.D

Acq: 20 Jun 2023 19:52

Tgt Ion:	276	Resp:	93019
Ion Ratio	Lower	Upper	
276	100		
138	20.0	15.6	23.4
277	24.2	19.0	28.6

