

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015951.D
 Acq On : 03 Jul 2023 15:04
 Operator : MA/JU
 Sample : 03243-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGE2

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 03 23:28:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	203196	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	890798	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	537663	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1100799	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	761815	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	862677	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	24548	4.347	ng/uL	0.00
4) Pyridine-d5	3.828	84	143599	10.087	ng/u1	0.01
7) Phenol-d5	7.234	99	459437	26.426	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	305157	28.370	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	364593	27.781	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	369492	26.902	ng/u1	0.01
21) Nitrobenzene-d5	9.240	128	179923	26.429	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	196177	24.690	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.546	165	344706	24.345	ng/u1	0.04
31) 4-Chloroaniline-d4	11.057	131	314852	17.311	ng/u1	0.03
46) Dimethylphthalate-d6	14.110	166	1180643	28.410	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1338521	28.652	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	118472	21.603	ng/u1	0.05
60) Fluorene-d10	15.698	176	995019	29.079	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	115210	17.018	ng/u1	0.02
73) Anthracene-d10	17.563	188	1457810	28.992	ng/u1	0.00
81) Pyrene-d10	19.786	212	1525727	30.671	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	1278673	29.383	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.428	152	67344	1.308	ng/u1	98
72) Phenanthrene	17.504	178	552056	9.231	ng/u1	99
74) Anthracene	17.598	178	139507m	2.322	ng/u1	
80) Fluoranthene	19.463	202	1439522	23.285	ng/u1#	94
82) Pyrene	19.816	202	1115745	17.692	ng/u1#	91
85) Benzo(a)anthracene	21.533	228	628034	11.719	ng/u1	97
87) Chrysene	21.586	228	645321	12.692	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	974381	17.578	ng/u1#	96
91) Benzo(k)fluoranthene	23.357	252	286594m	5.117	ng/u1	
93) Benzo(a)pyrene	23.980	252	591112	12.204	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	476413	7.246	ng/u1	96
95) Dibenzo(a,h)anthracene	26.780	278	128908	2.387	ng/u1#	75
96) Benzo(g,h,i)perylene	27.627	276	421076	7.784	ng/u1#	95

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

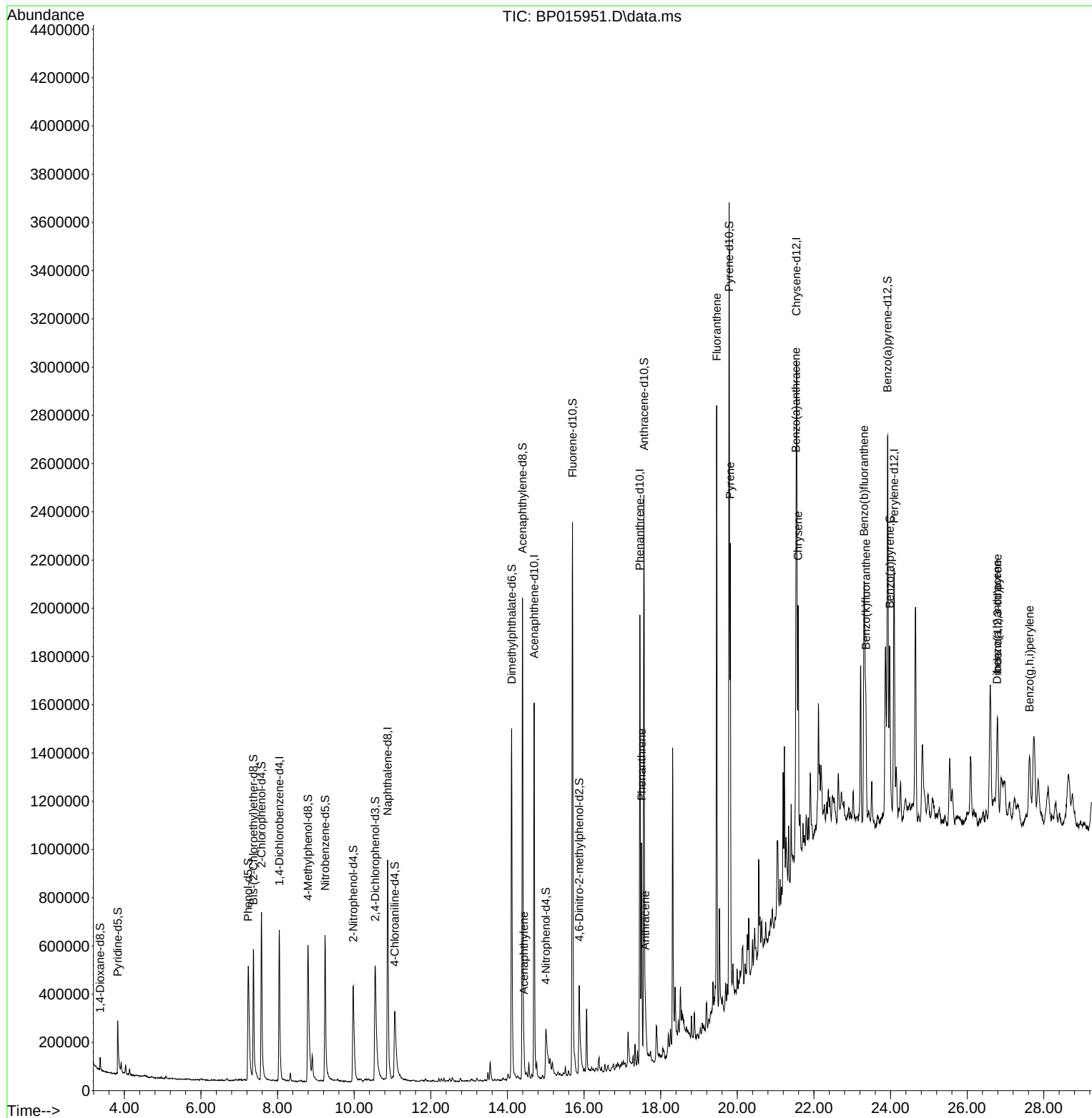
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015951.D
Acq On : 03 Jul 2023 15:04
Operator : MA/JU
Sample : 03243-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

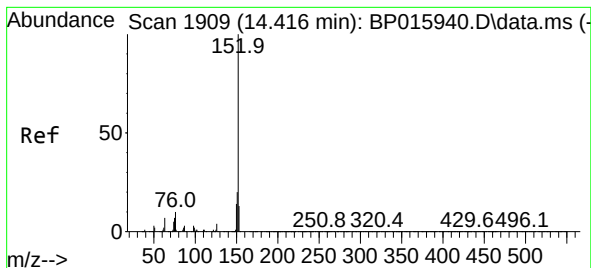
Instrument :
BNA_P
ClientSampleId :
DCGE2

Quant Time: Jul 03 23:28:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

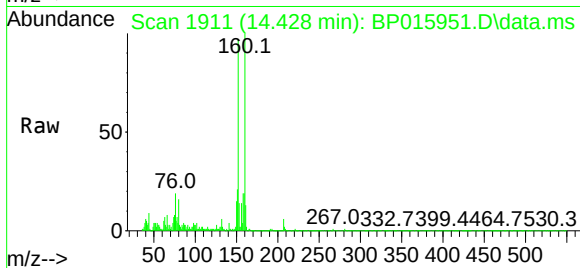
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023





#50
Acenaphthylene
Concen: 1.308 ng/ul
RT: 14.428 min Scan# 1909
Delta R.T. 0.006 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

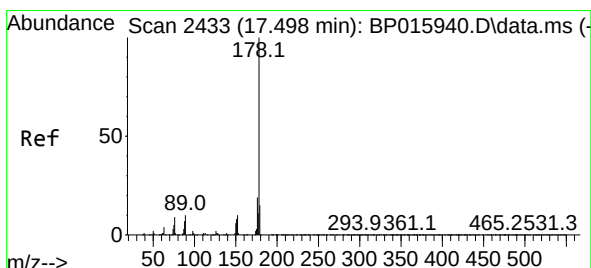
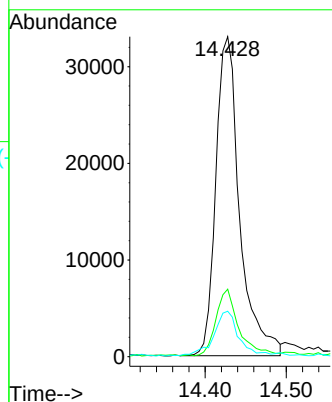
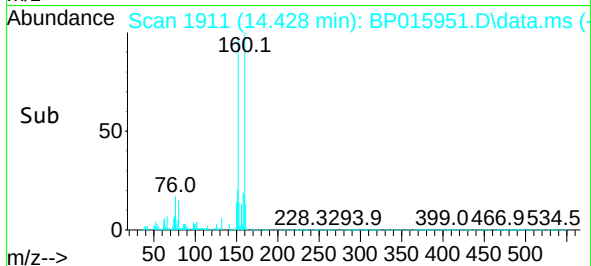
Instrument :
BNA_P
ClientSampleId :
DCGE2



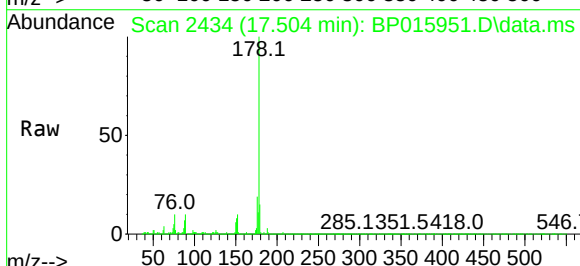
Tgt Ion:152 Resp: 67344
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 14.2 10.5 15.7

Manual Integrations
APPROVED

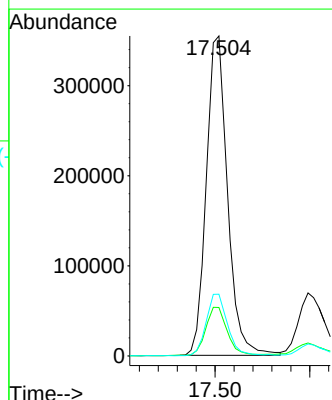
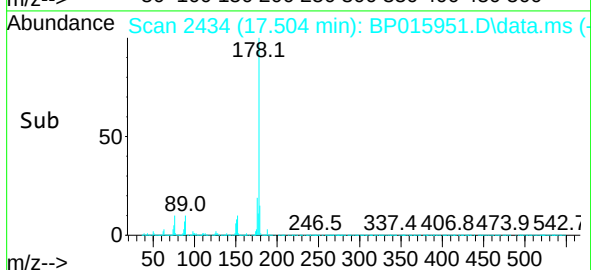
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

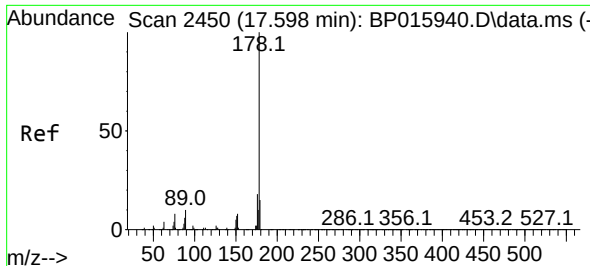


#72
Phenanthrene
Concen: 9.231 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04



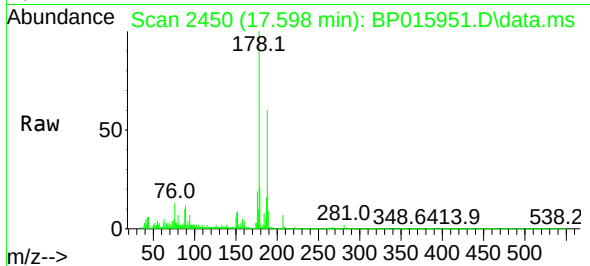
Tgt Ion:178 Resp: 552056
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 19.3 15.6 23.4





#74
 Anthracene
 Concen: 2.322 ng/ul m
 RT: 17.598 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BP015951.D
 Acq: 03 Jul 2023 15:04

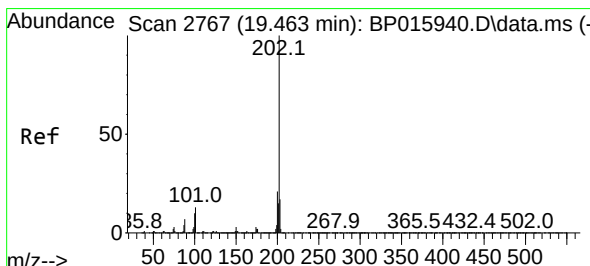
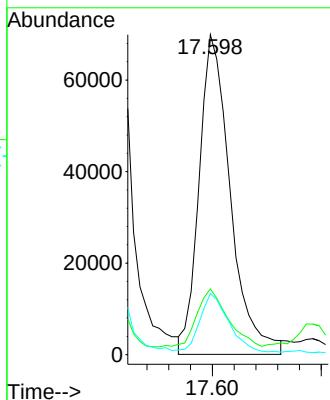
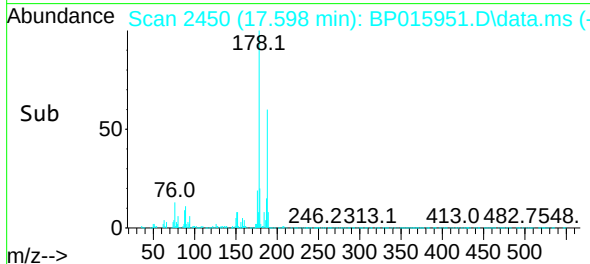
Instrument :
 BNA_P
 ClientSampleId :
 DCGE2



Tgt Ion:178 Resp: 139507
 Ion Ratio Lower Upper
 178 100
 179 20.5 12.1 18.1
 176 19.1 14.6 22.0

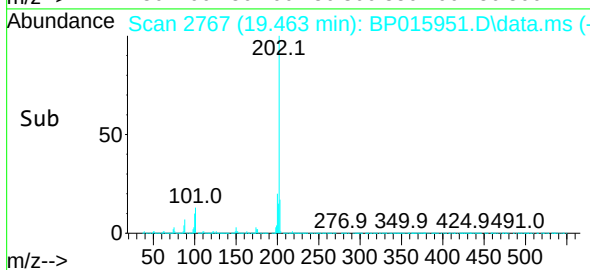
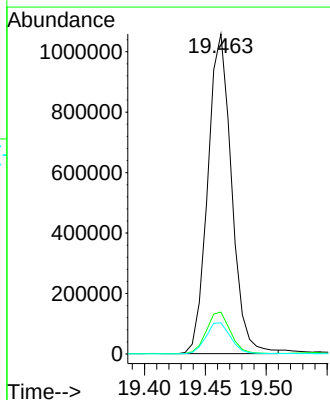
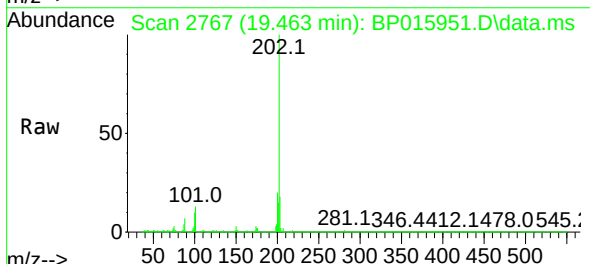
Manual Integrations
 APPROVED

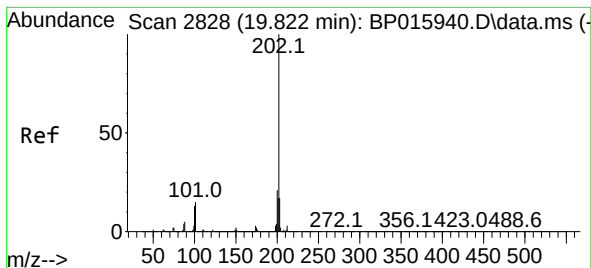
Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



#80
 Fluoranthene
 Concen: 23.285 ng/ul
 RT: 19.463 min Scan# 2767
 Delta R.T. 0.000 min
 Lab File: BP015951.D
 Acq: 03 Jul 2023 15:04

Tgt Ion:202 Resp: 1439522
 Ion Ratio Lower Upper
 202 100
 101 13.1 8.3 12.5
 100 9.7 6.6 9.8





#82

Pyrene

Concen: 17.692 ng/ul

RT: 19.816 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

Instrument :

BNA_P

ClientSampleId :

DCGE2

Tgt Ion:202 Resp: 111574

Ion Ratio Lower Upper

202 100

101 15.2 9.3 13.9

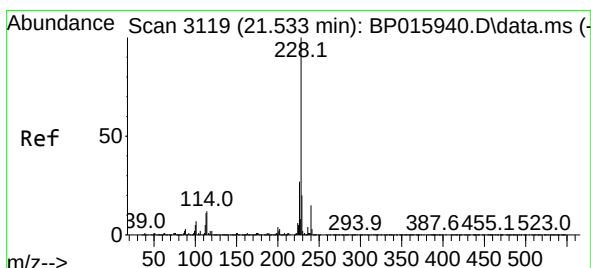
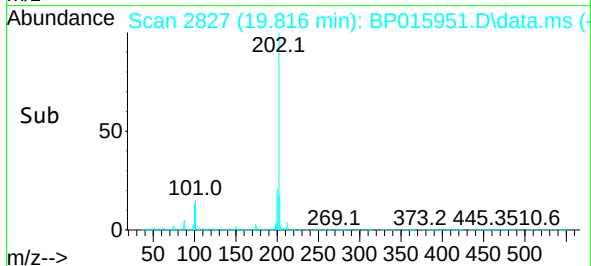
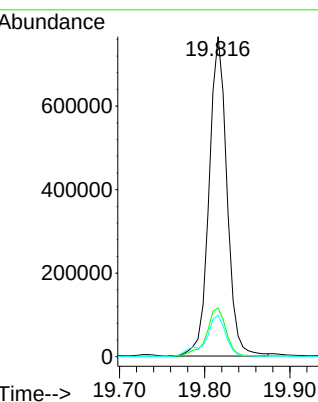
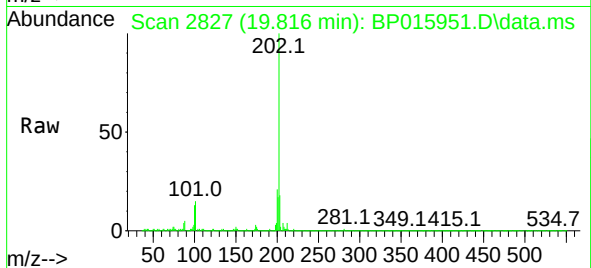
100 12.9 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#85

Benzo(a)anthracene

Concen: 11.719 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

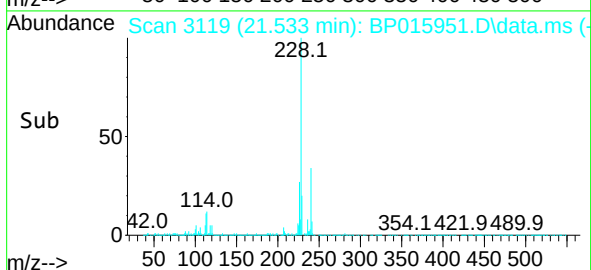
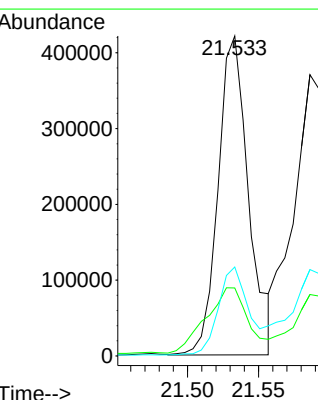
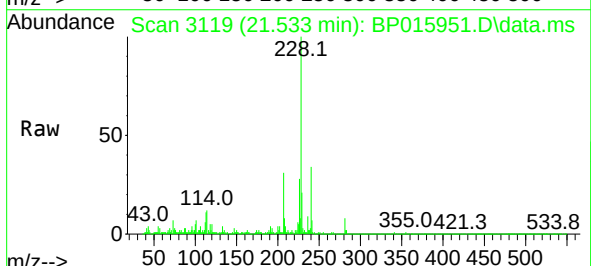
Tgt Ion:228 Resp: 628034

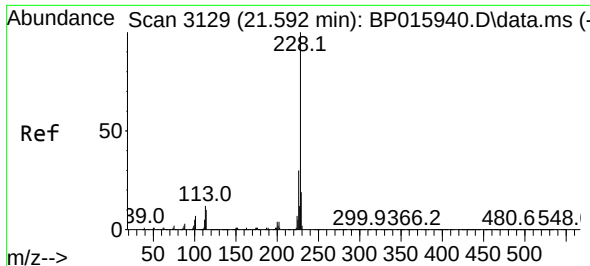
Ion Ratio Lower Upper

228 100

229 21.2 15.3 22.9

226 27.8 21.4 32.0





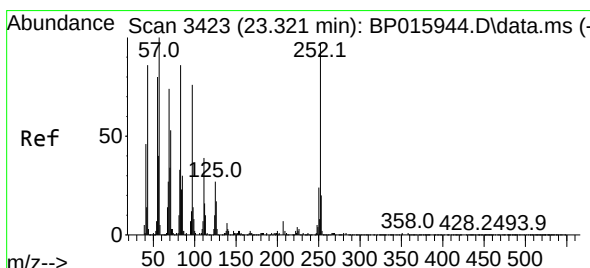
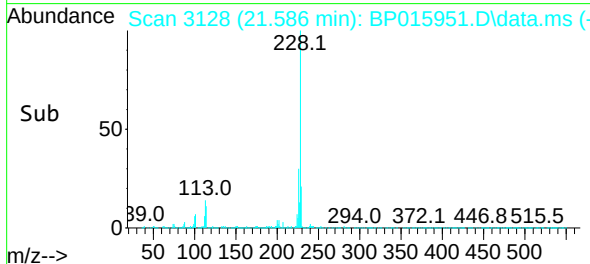
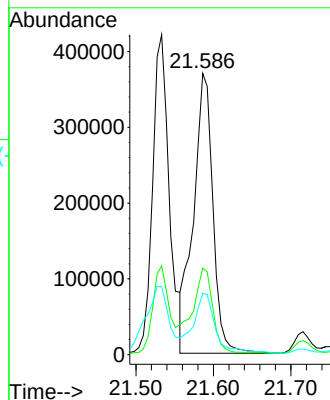
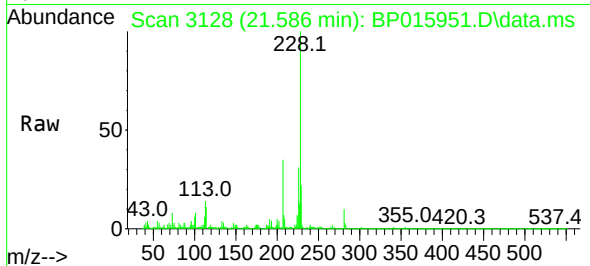
#87
Chrysene
Concen: 12.692 ng/ul
RT: 21.586 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

Instrument :
BNA_P
ClientSampleId :
DCGE2

Tgt Ion:228 Resp: 64532
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.8 15.5 23.3

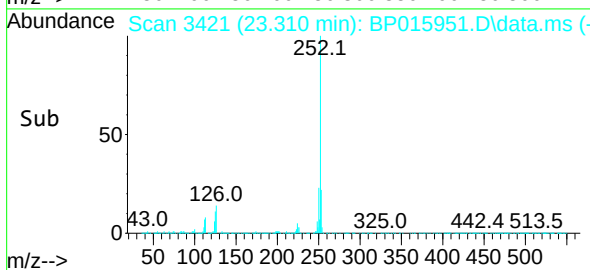
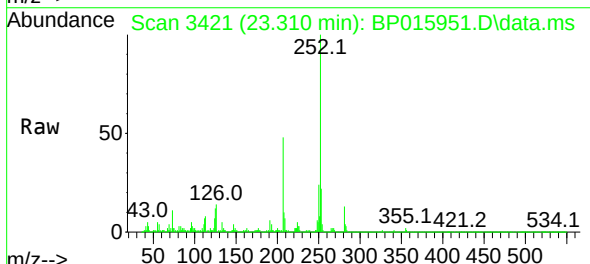
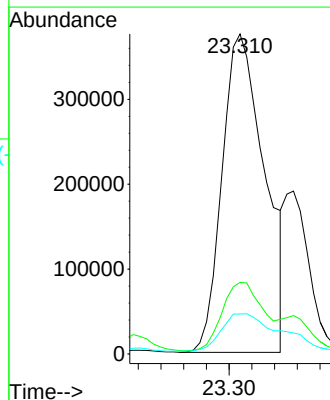
Manual Integrations
APPROVED

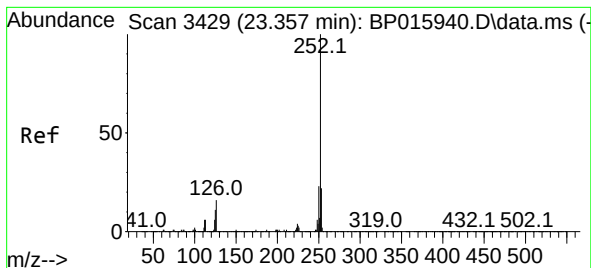
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#90
Benzo(b)fluoranthene
Concen: 17.578 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015951.D
Acq: 03 Jul 2023 15:04

Tgt Ion:252 Resp: 974381
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 12.5 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 5.117 ng/ul m

RT: 23.357 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

Instrument :

BNA_P

ClientSampleId :

DCGE2

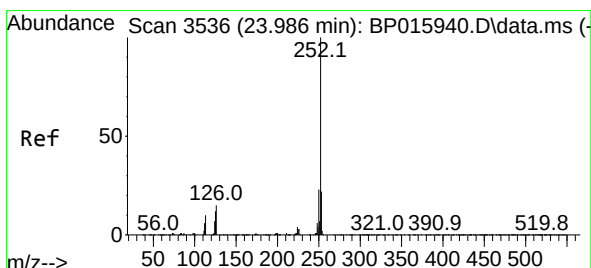
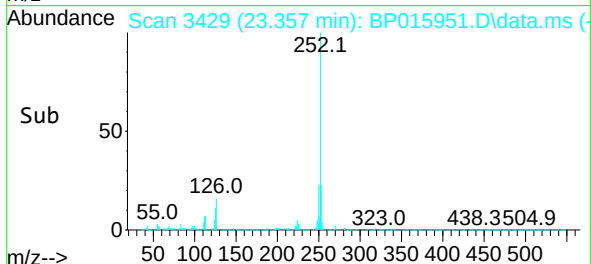
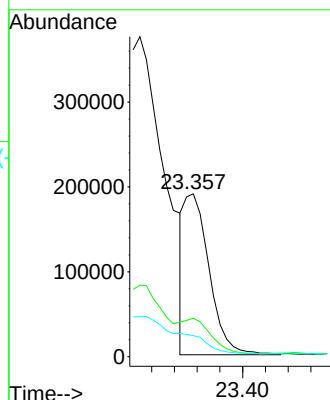
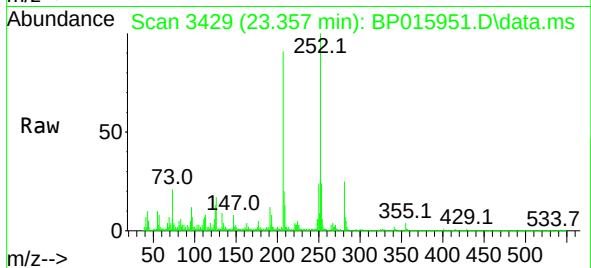
Tgt Ion:252 Resp: 286594
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.0 25.4
 125 12.9 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#93

Benzo(a)pyrene

Concen: 12.204 ng/ul

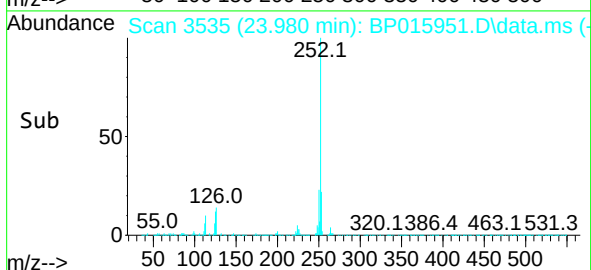
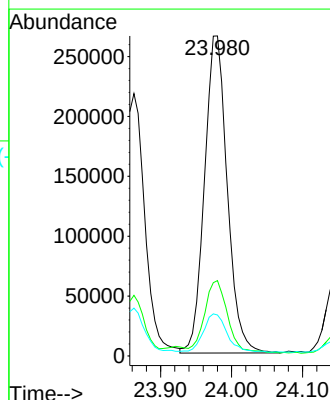
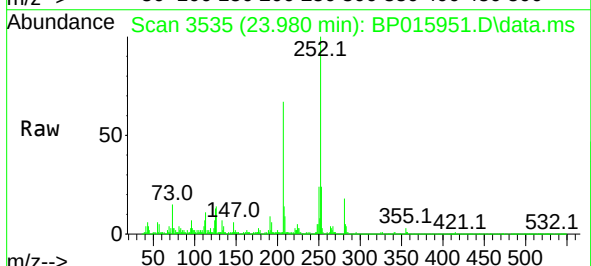
RT: 23.980 min Scan# 3535

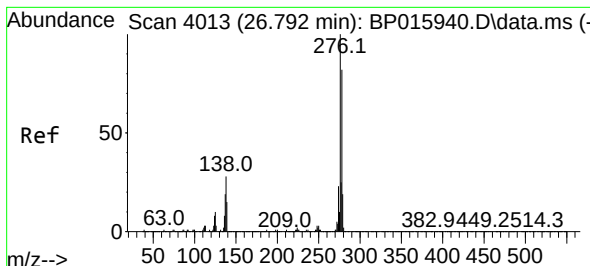
Delta R.T. 0.000 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

Tgt Ion:252 Resp: 591112
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.7 26.5
 125 12.8 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.246 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. 0.000 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

Instrument :

BNA_P

ClientSampleId :

DCGE2

Tgt Ion:276 Resp: 47641

Ion Ratio Lower Upper

276 100

138 23.2 15.7 23.5

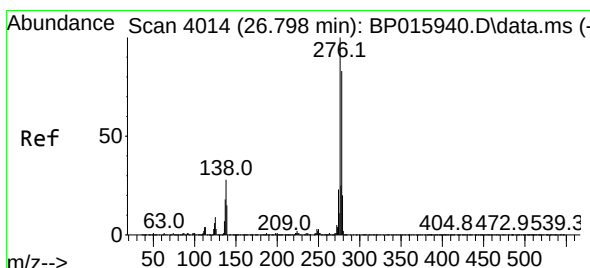
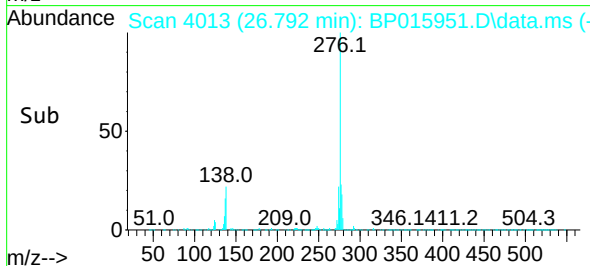
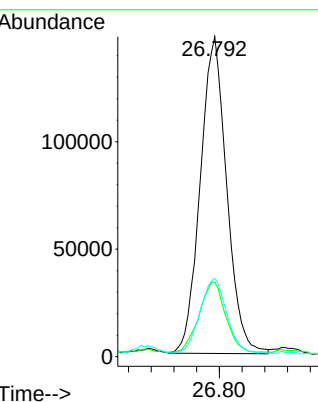
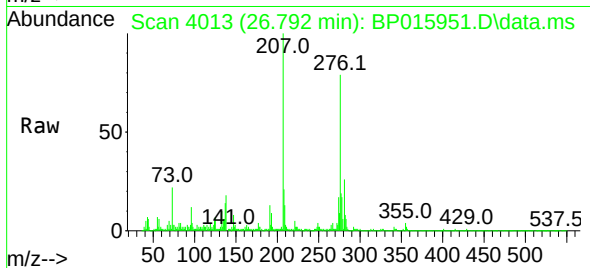
277 24.5 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#95

Dibenzo(a,h)anthracene

Concen: 2.387 ng/ul

RT: 26.780 min Scan# 4011

Delta R.T. -0.017 min

Lab File: BP015951.D

Acq: 03 Jul 2023 15:04

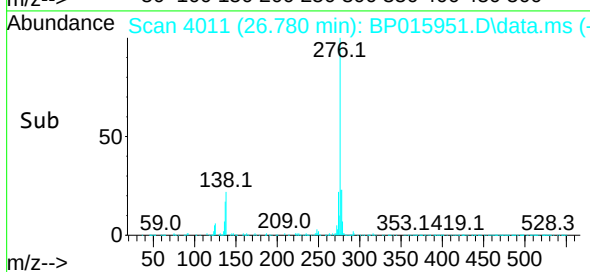
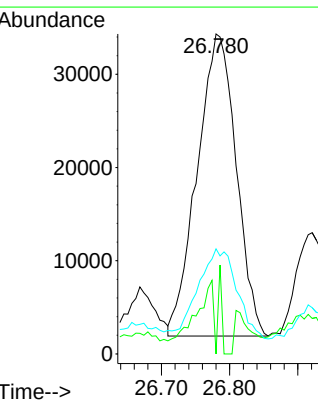
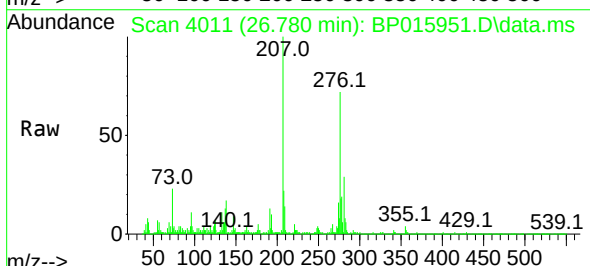
Tgt Ion:278 Resp: 128908

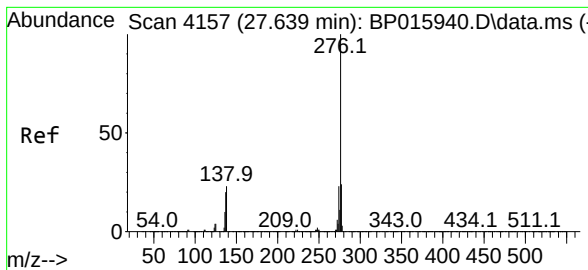
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

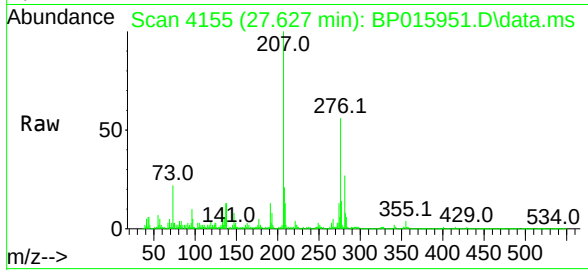
279 32.9 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 7.784 ng/ul
 RT: 27.627 min Scan# 4155
 Delta R.T. 0.000 min
 Lab File: BP015951.D
 Acq: 03 Jul 2023 15:04

Instrument :
 BNA_P
 ClientSampleId :
 DCGE2



Tgt Ion: 276 Resp: 421070

Ion	Ratio	Lower	Upper
276	100		
138	23.0	15.1	22.7
277	24.2	18.8	28.2

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

