

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
 Data File : BP016900.D
 Acq On : 31 Aug 2023 16:26
 Operator : MA/JU
 Sample : 04113-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYH9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 01:46:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	369298	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	1556695	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	925025	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1843497	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1080167	20.000	ng/ul	0.01
88) Perylene-d12	24.127	264	1165194	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	31790	3.558	ng/uL	0.00
4) Pyridine-d5	3.828	84	34041	1.247	ng/ul	0.02
7) Phenol-d5	7.169	99	518311	15.784	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	379700	18.142	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	434901	17.614	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	229483	8.561	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	227817	19.356	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	229309	18.483	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	394734	17.066	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	147528	4.159	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	1351887	19.379	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1566430	19.863	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	106667	7.398	ng/ul	0.00
60) Fluorene-d10	15.675	176	1173015	19.968	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	25228	2.298	ng/ul	0.00
73) Anthracene-d10	17.551	188	1638685	20.054	ng/ul	0.00
81) Pyrene-d10	19.786	212	1642274	27.683	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.957	264	1201525	20.586	ng/ul	0.02
Target Compounds					Qvalue	
16) Acetophenone	8.875	105	96817	2.329	ng/ul	97
72) Phenanthrene	17.492	178	1135756	11.703	ng/ul	99
74) Anthracene	17.587	178	250236	2.550	ng/ul	100
80) Fluoranthene	19.457	202	1941337	27.241	ng/ul	99
82) Pyrene	19.816	202	1501190	20.393	ng/ul	100
85) Benzo(a)anthracene	21.533	228	866479	11.646	ng/ul	99
87) Chrysene	21.592	228	786839	11.642	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	946111	12.716	ng/ul#	96
91) Benzo(k)fluoranthene	23.374	252	379374m	5.155	ng/ul	
93) Benzo(a)pyrene	24.010	252	687561	10.216	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.857	276	469294	6.824	ng/ul	99
95) Dibenzo(a,h)anthracene	26.868	278	139777m	2.447	ng/ul	
96) Benzo(g,h,i)perylene	27.721	276	438351	8.407	ng/ul	98

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

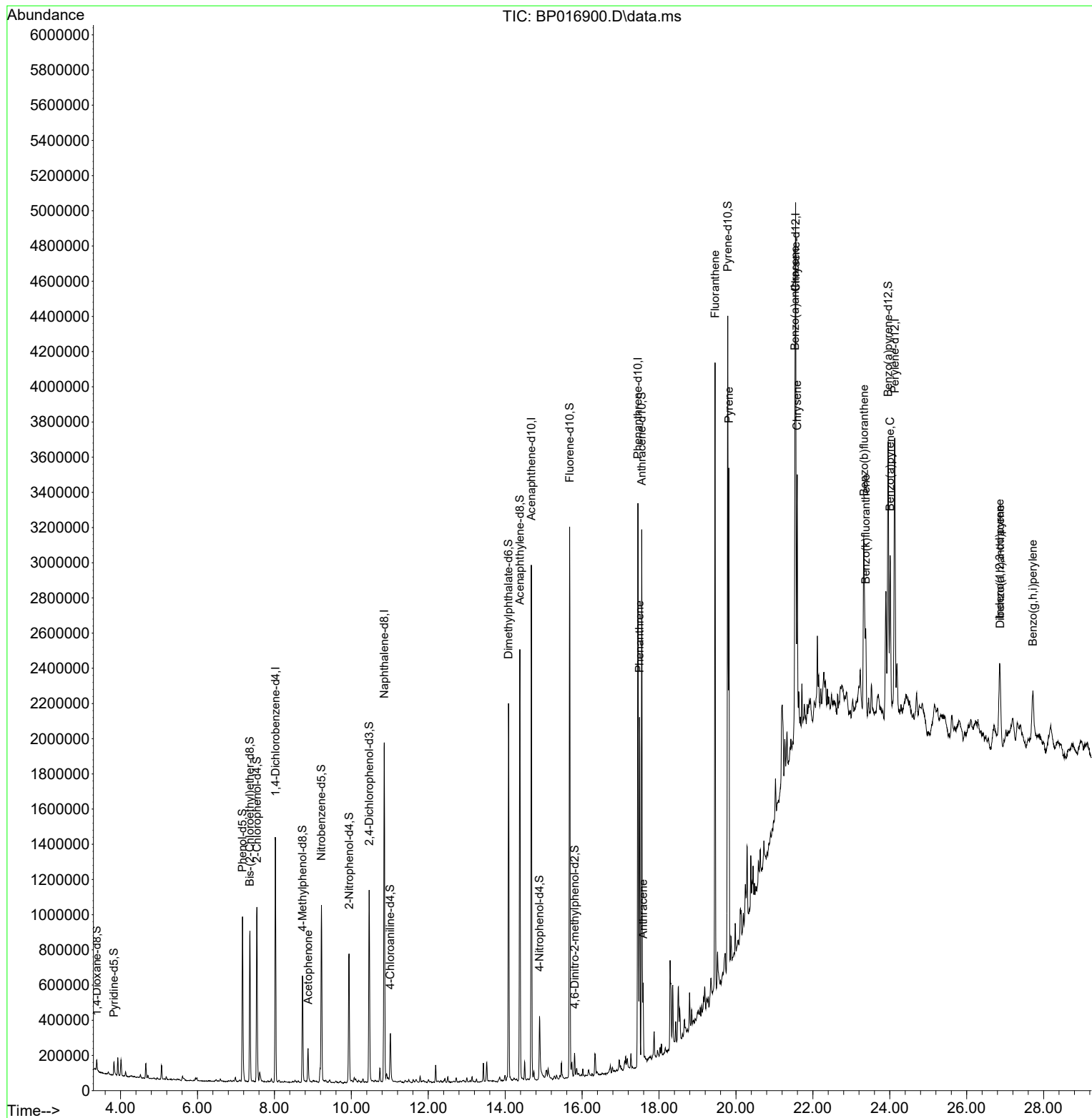
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
 Data File : BP016900.D
 Acq On : 31 Aug 2023 16:26
 Operator : MA/JU
 Sample : 04113-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

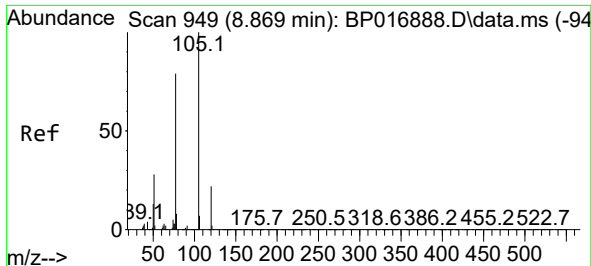
Instrument :
 BNA_P
 ClientSampleId :
 EZYH9

Quant Time: Sep 01 01:46:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023





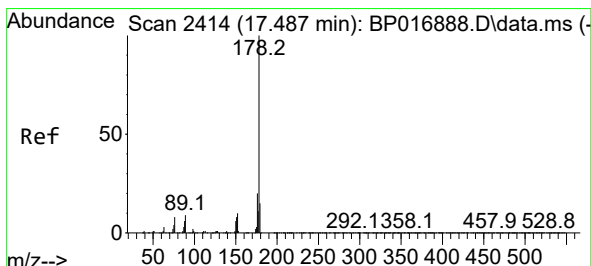
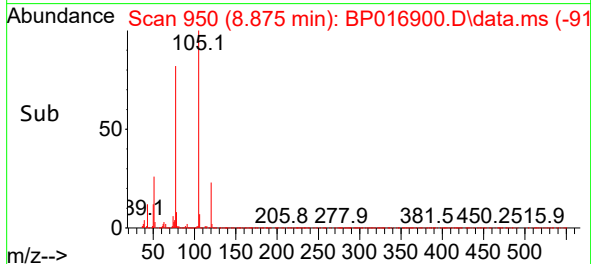
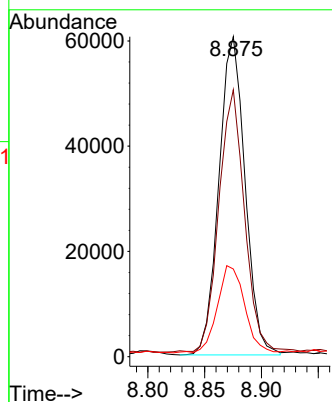
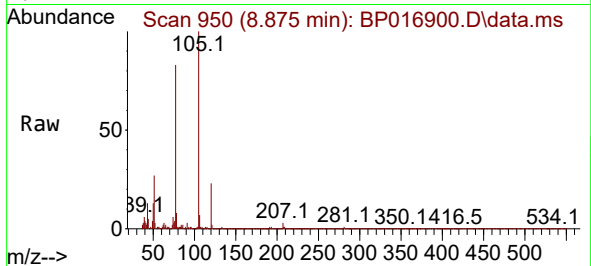
#16
Acetophenone
Concen: 2.329 ng/ul
RT: 8.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016900.D
Acq: 31 Aug 2023 16:26

Instrument :
BNA_P
ClientSampleId :
EZYH9

Tgt Ion:105 Resp: 9681
Ion Ratio Lower Upper
105 100
77 83.4 64.2 96.4
51 27.4 22.2 33.4

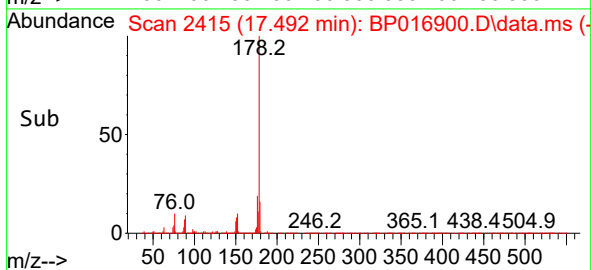
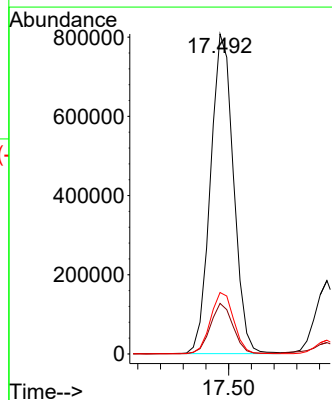
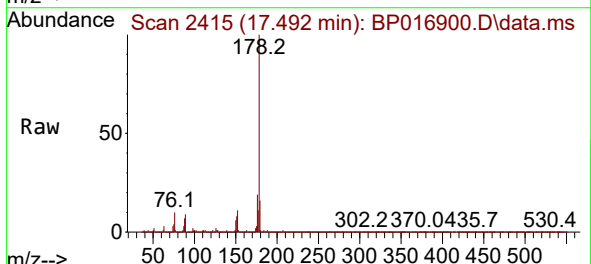
Manual Integrations
APPROVED

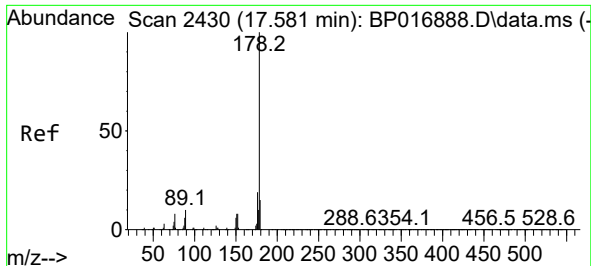
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#72
Phenanthrene
Concen: 11.703 ng/ul
RT: 17.492 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BP016900.D
Acq: 31 Aug 2023 16:26

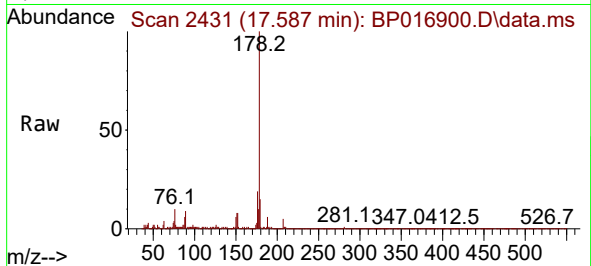
Tgt Ion:178 Resp: 1135756
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.2 15.6 23.4





#74
 Anthracene
 Concen: 2.550 ng/ul
 RT: 17.587 min Scan# 2430
 Delta R.T. 0.006 min
 Lab File: BP016900.D
 Acq: 31 Aug 2023 16:26

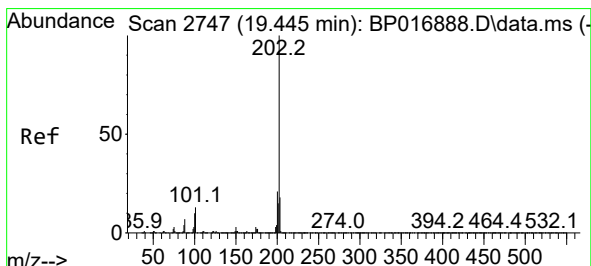
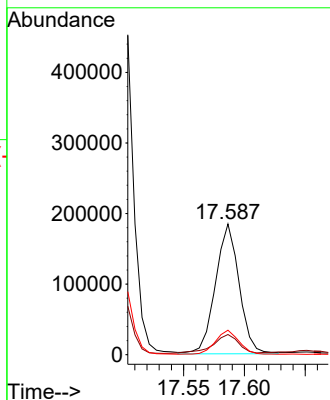
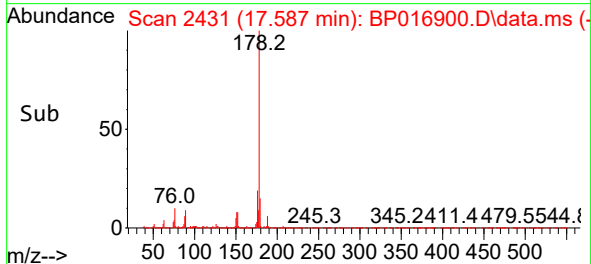
Instrument :
 BNA_P
 ClientSampleId :
 EZYH9



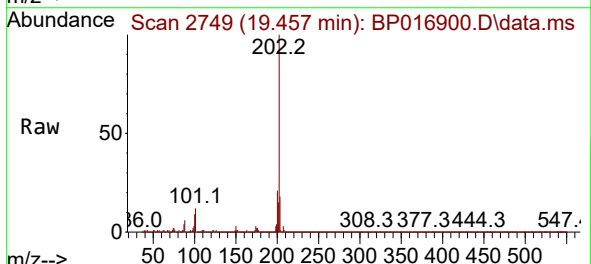
Tgt Ion:178 Resp: 250230
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.4 18.6
 176 18.8 15.3 22.9

Manual Integrations
 APPROVED

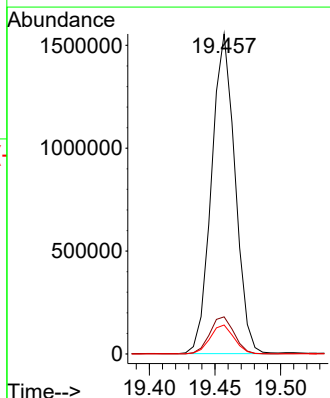
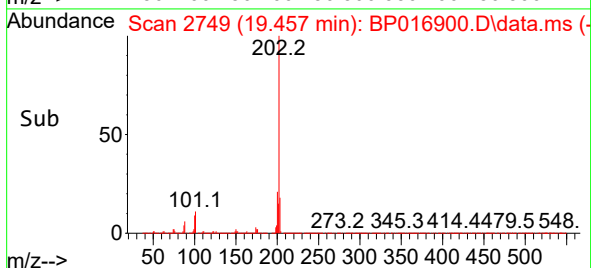
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

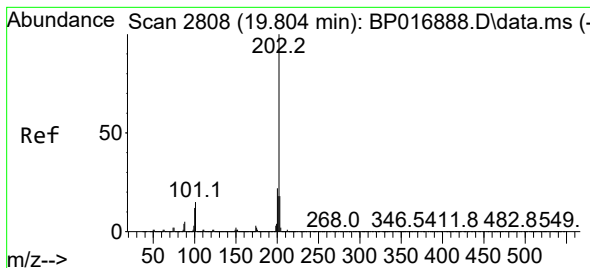


#80
 Fluoranthene
 Concen: 27.241 ng/ul
 RT: 19.457 min Scan# 2749
 Delta R.T. 0.006 min
 Lab File: BP016900.D
 Acq: 31 Aug 2023 16:26



Tgt Ion:202 Resp: 1941337
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.7 14.5
 100 9.0 7.4 11.2





#82

Pyrene

Concen: 20.393 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016900.D

Acq: 31 Aug 2023 16:26

Instrument :

BNA_P

ClientSampleId :

EZYH9

Tgt Ion:202 Resp: 1501190

Ion Ratio Lower Upper

202 100

101 14.3 11.4 17.2

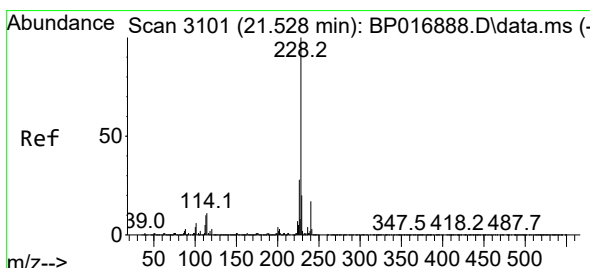
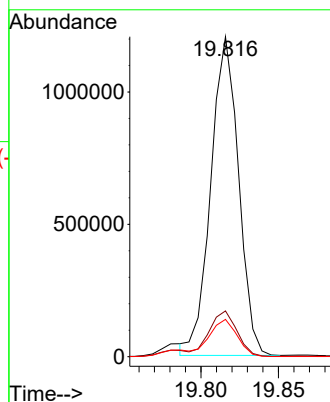
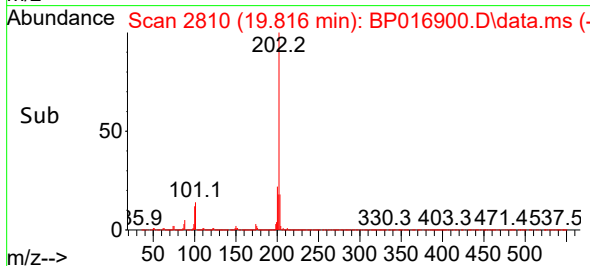
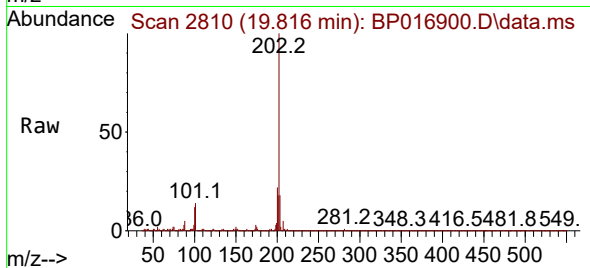
100 11.6 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#85

Benzo(a)anthracene

Concen: 11.646 ng/ul

RT: 21.533 min Scan# 3102

Delta R.T. 0.006 min

Lab File: BP016900.D

Acq: 31 Aug 2023 16:26

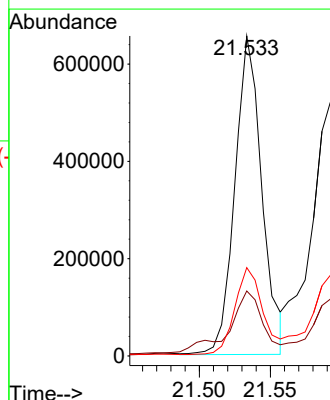
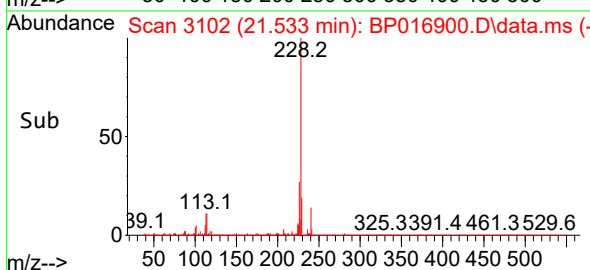
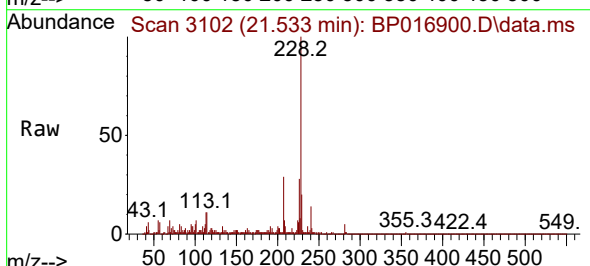
Tgt Ion:228 Resp: 866479

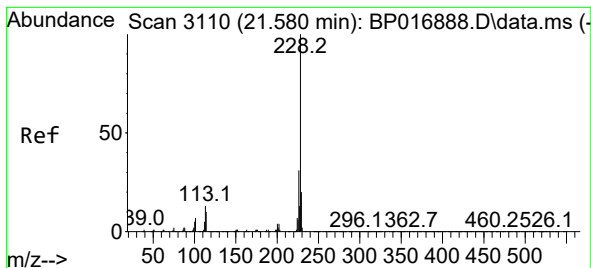
Ion Ratio Lower Upper

228 100

229 20.3 16.2 24.4

226 27.6 22.9 34.3





#87

Chrysene

Concen: 11.642 ng/ul

RT: 21.592 min Scan# 3110

Delta R.T. 0.012 min

Lab File: BP016900.D

Acq: 31 Aug 2023 16:26

Instrument :

BNA_P

ClientSampleId :

EZYH9

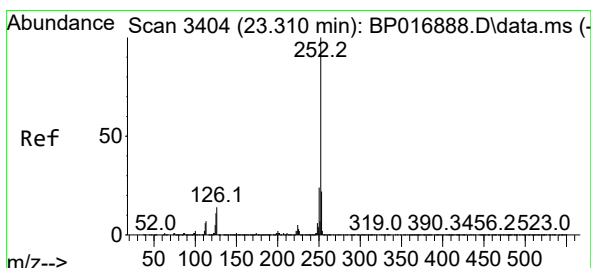
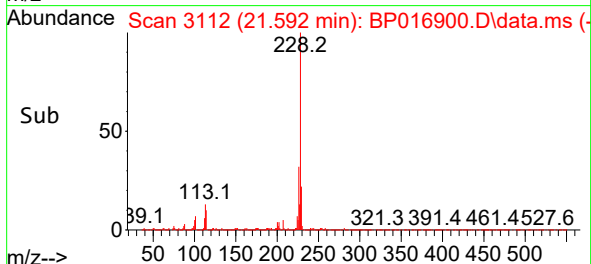
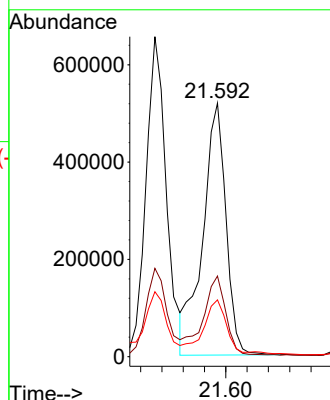
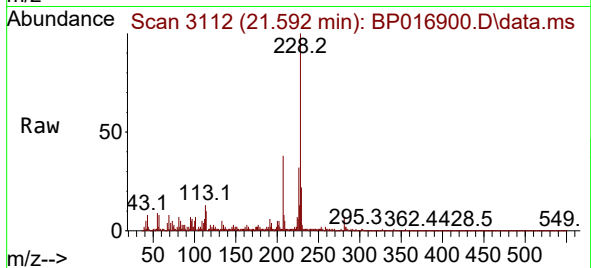
Tgt Ion:228 Resp: 786839
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.4
 229 22.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#90

Benzo(b)fluoranthene

Concen: 12.716 ng/ul

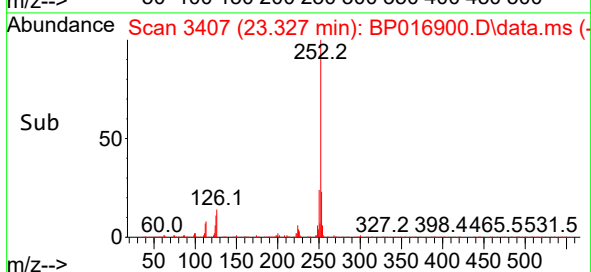
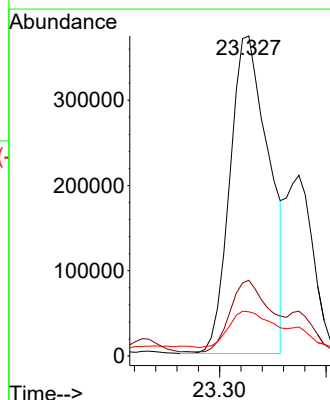
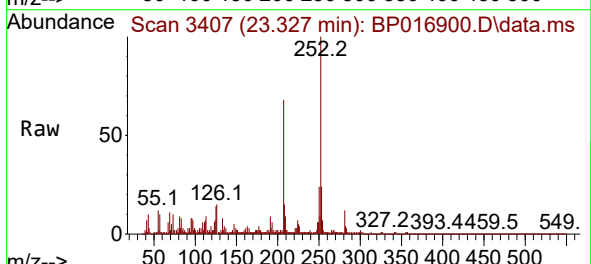
RT: 23.327 min Scan# 3407

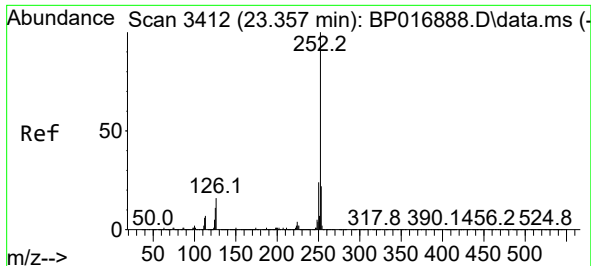
Delta R.T. 0.018 min

Lab File: BP016900.D

Acq: 31 Aug 2023 16:26

Tgt Ion:252 Resp: 946111
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.7 26.5
 125 13.8 9.0 13.4





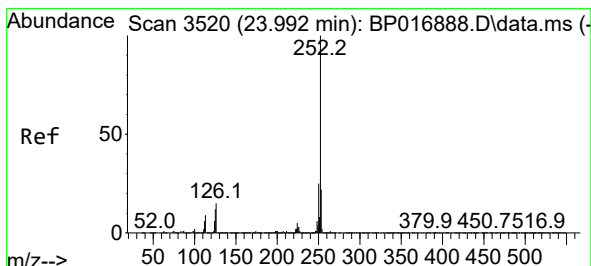
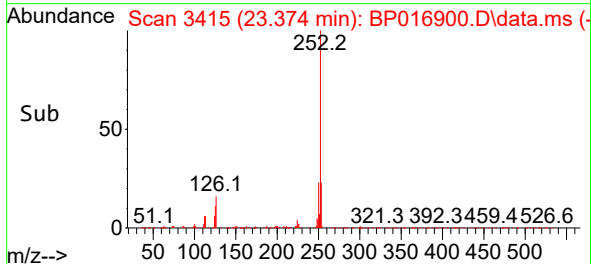
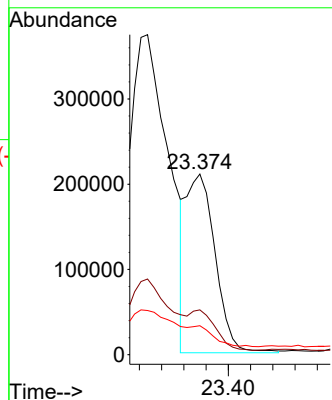
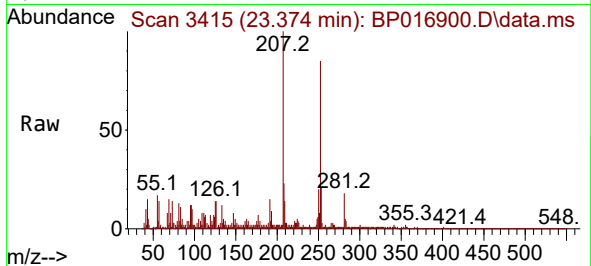
#91
Benzo(k)fluoranthene
Concen: 5.155 ng/ul m
RT: 23.374 min Scan# 3412
Delta R.T. 0.012 min
Lab File: BP016900.D
Acq: 31 Aug 2023 16:26

Instrument :
BNA_P
ClientSampleId :
EZYH9

Tgt Ion:252 Resp: 379374
Ion Ratio Lower Upper
252 100
253 24.8 18.1 27.1
125 16.0 8.9 13.3

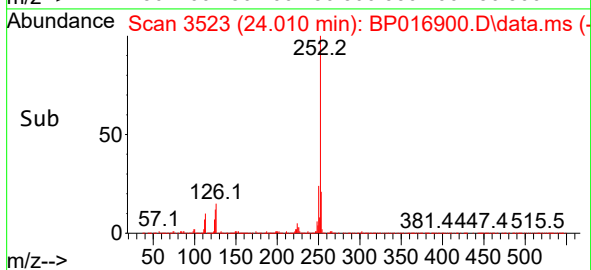
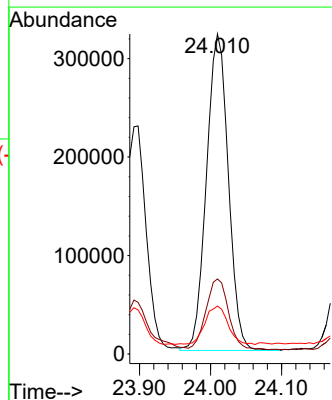
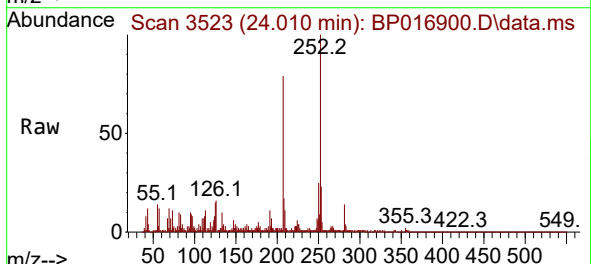
Manual Integrations
APPROVED

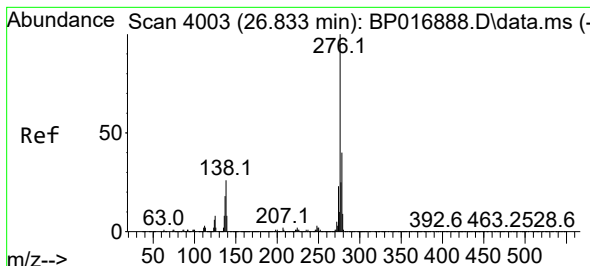
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#93
Benzo(a)pyrene
Concen: 10.216 ng/ul
RT: 24.010 min Scan# 3523
Delta R.T. 0.018 min
Lab File: BP016900.D
Acq: 31 Aug 2023 16:26

Tgt Ion:252 Resp: 687561
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 14.9 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.824 ng/ul

RT: 26.857 min Scan# 4007

Delta R.T. 0.024 min

Lab File: BP016900.D

Acq: 31 Aug 2023 16:26

Instrument :

BNA_P

ClientSampleId :

EZYH9

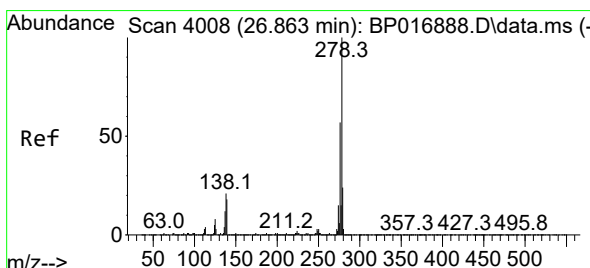
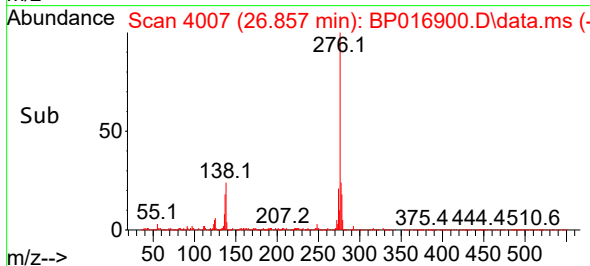
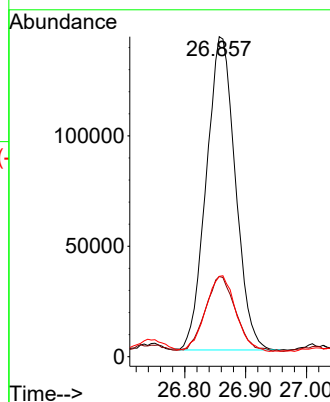
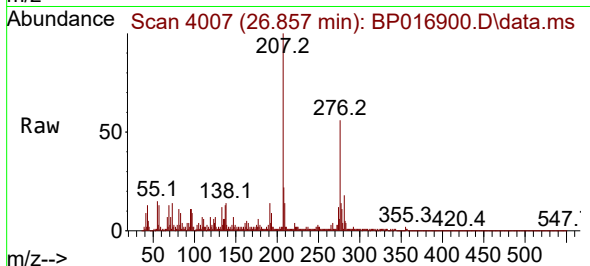
Tgt Ion:276 Resp: 469294
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.9 31.3
 277 25.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#95

Dibenzo(a,h)anthracene

Concen: 2.447 ng/ul m

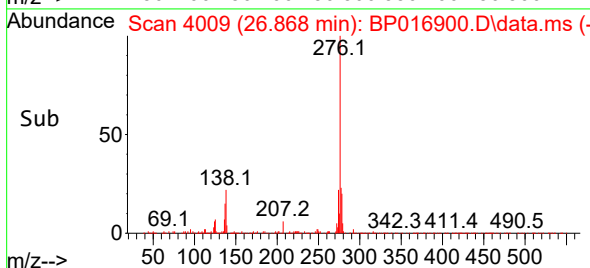
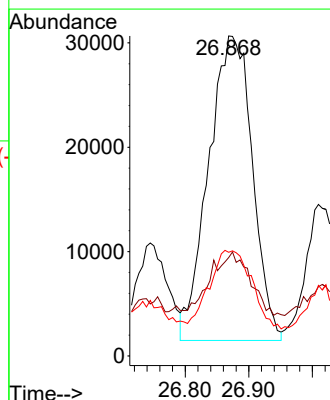
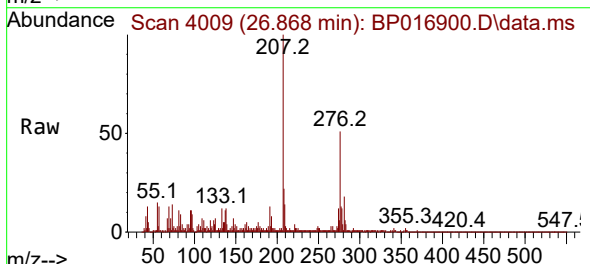
RT: 26.868 min Scan# 4009

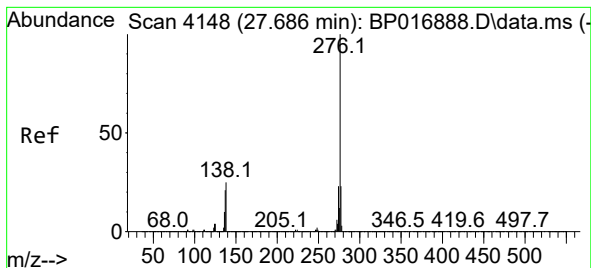
Delta R.T. 0.006 min

Lab File: BP016900.D

Acq: 31 Aug 2023 16:26

Tgt Ion:278 Resp: 139777
 Ion Ratio Lower Upper
 278 100
 139 30.7 15.0 22.6#
 279 32.4 19.4 29.2#





#96

Benzo(g,h,i)perylene

Concen: 8.407 ng/ul

RT: 27.721 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP016900.D

Acq: 31 Aug 2023 16:26

Instrument :

BNA_P

ClientSampleId :

EZYH9

Tgt Ion:276 Resp: 43835

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.4

277 24.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023

