

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015932.D
 Acq On : 02 Jul 2023 19:43
 Operator : MA/JU
 Sample : 03245-11
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 04:59:49 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	309425	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1218087	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	715679	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1536597	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1335494	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1537864	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	27785	3.231	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	431755	16.308	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	297929	18.189	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	368077	18.418	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	243582	11.646	ng/ul	0.02
21) Nitrobenzene-d5	9.240	128	164829	17.706	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	178606	16.439	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	288443	14.898	ng/ul	0.04
31) 4-Chloroaniline-d4	11.087	131	128059	5.149	ng/ul	0.06
46) Dimethylphthalate-d6	14.110	166	971914	17.570	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1129942	18.171	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	108924m	14.922	ng/ul	0.06
60) Fluorene-d10	15.698	176	837971	18.398	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	77274	8.177	ng/ul	0.02
73) Anthracene-d10	17.563	188	1227035	17.482	ng/ul	0.00
81) Pyrene-d10	19.786	212	1516875	17.394	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1403006	18.085	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.463	202	209754	1.935	ng/ul#	92
82) Pyrene	19.816	202	179849	1.627	ng/ul#	88
85) Benzo(a)anthracene	21.533	228	105215m	1.120	ng/ul	
87) Chrysene	21.592	228	139131	1.561	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	233104	2.359	ng/ul#	76
93) Benzo(a)pyrene	23.980	252	134905	1.562	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.809	276	132110	1.127	ng/ul#	88
96) Benzo(g,h,i)perylene	27.645	276	126044	1.307	ng/ul#	88

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

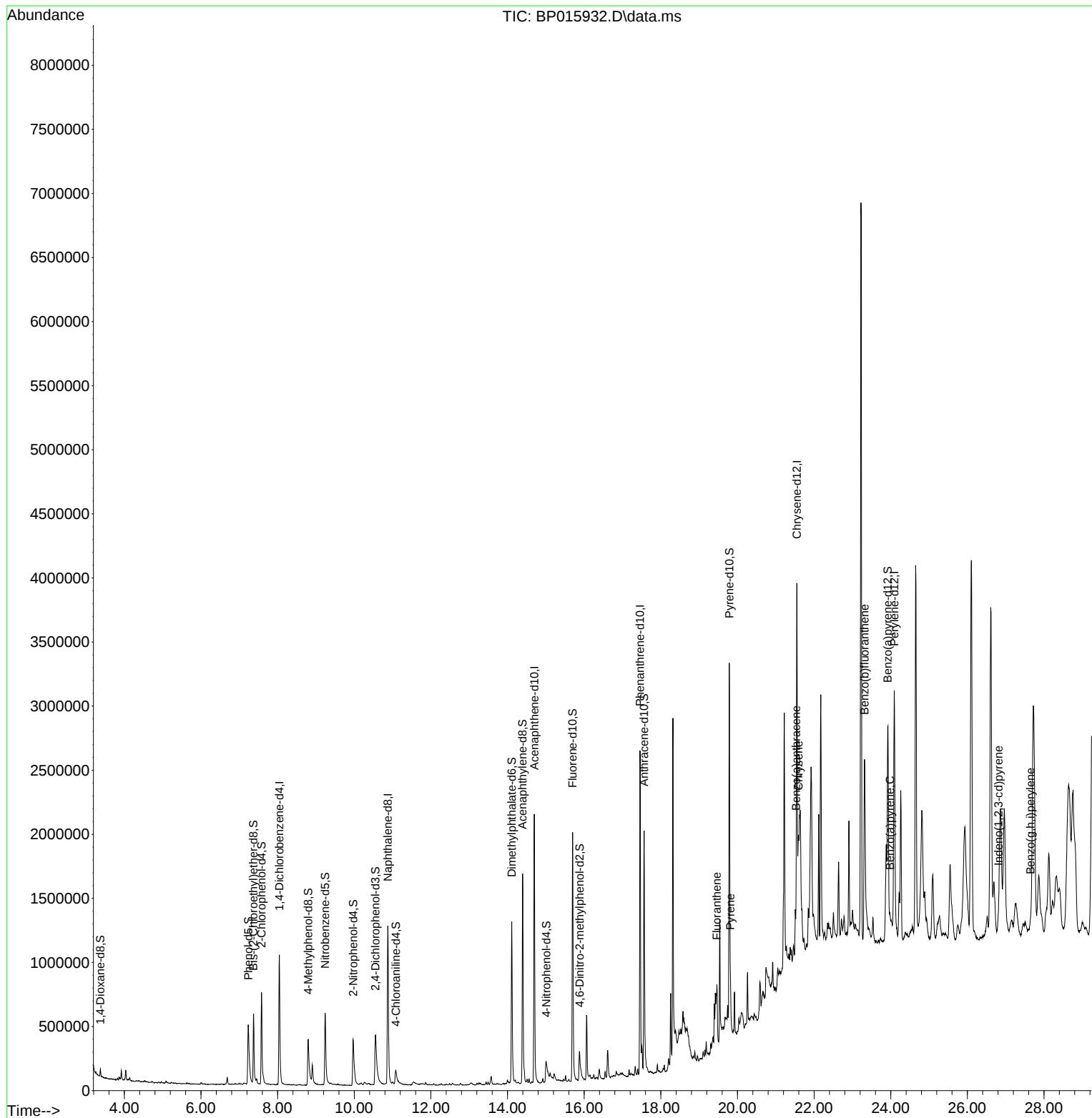
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015932.D
Acq On : 02 Jul 2023 19:43
Operator : MA/JU
Sample : 03245-11
Misc :
ALS Vial : 100 Sample Multiplier: 1

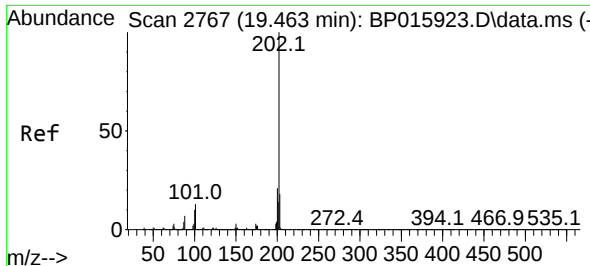
Instrument :
BNA_P
ClientSampleId :
DCG9

Quant Time: Jul 03 04:59:49 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

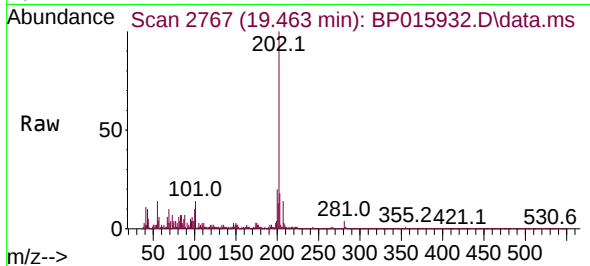
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023





#80
Fluoranthene
Concen: 1.935 ng/ul
RT: 19.463 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015932.D
Acq: 02 Jul 2023 19:43

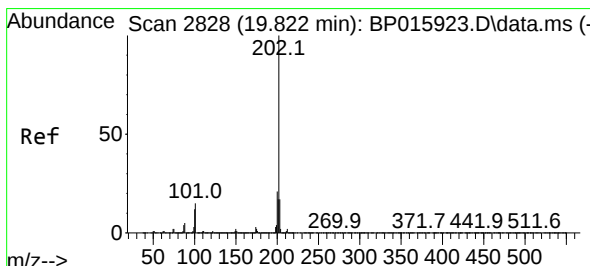
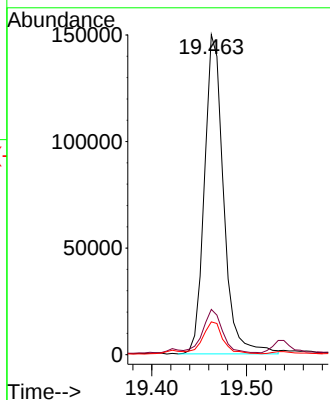
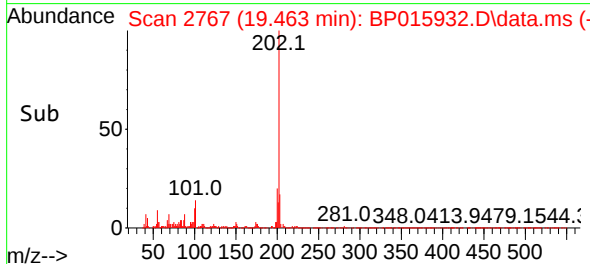
Instrument :
BNA_P
ClientSampleId :
DCGG9



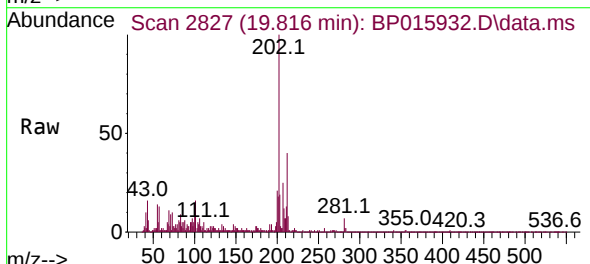
Tgt Ion:202 Resp: 209754
Ion Ratio Lower Upper
202 100
101 14.1 8.3 12.5#
100 10.2 6.6 9.8#

Manual Integrations
APPROVED

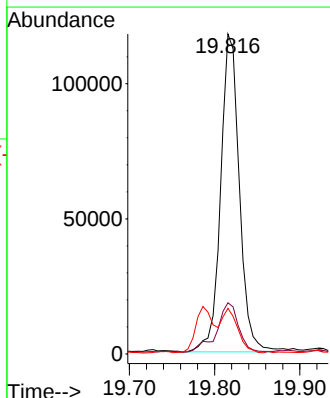
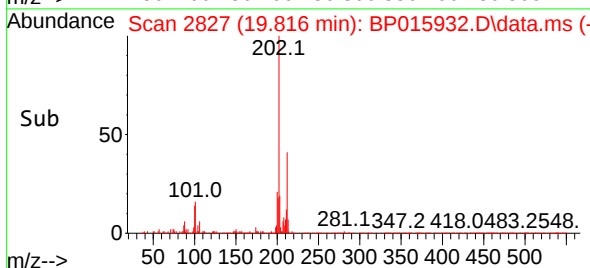
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

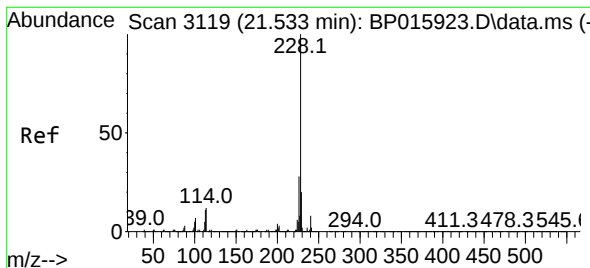


#82
Pyrene
Concen: 1.627 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015932.D
Acq: 02 Jul 2023 19:43



Tgt Ion:202 Resp: 179849
Ion Ratio Lower Upper
202 100
101 16.0 9.3 13.9#
100 14.3 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 1.120 ng/ul m

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015932.D

Acq: 02 Jul 2023 19:43

Instrument :

BNP_P

ClientSampleId :

DCG9

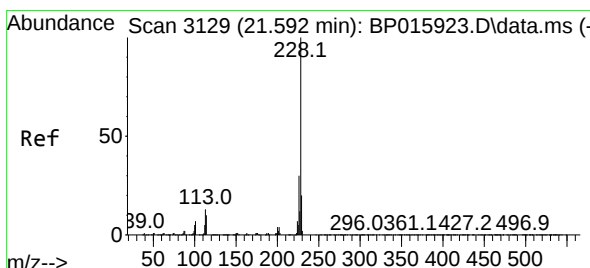
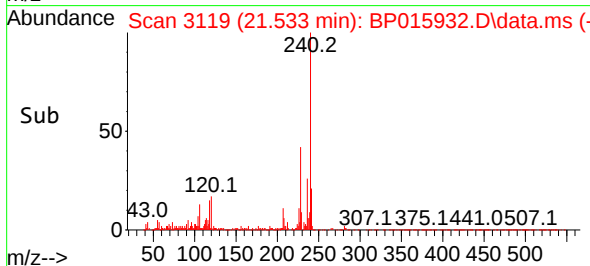
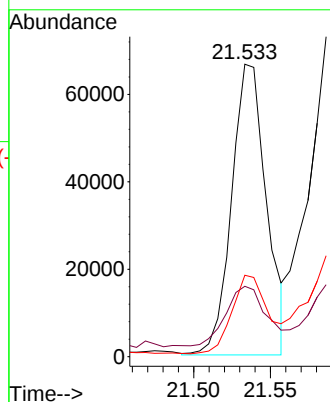
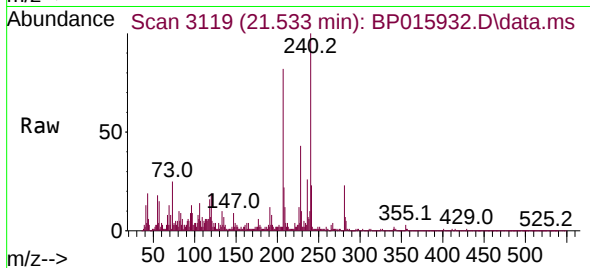
Tgt Ion:228 Resp: 105215
 Ion Ratio Lower Upper
 228 100
 229 24.1 15.3 22.9
 226 27.8 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#87

Chrysene

Concen: 1.561 ng/ul

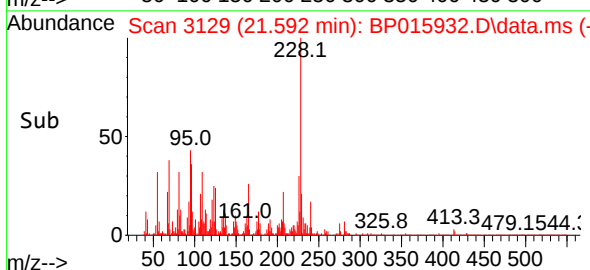
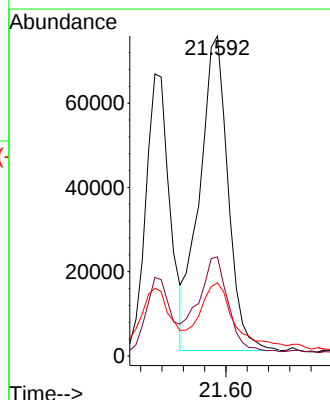
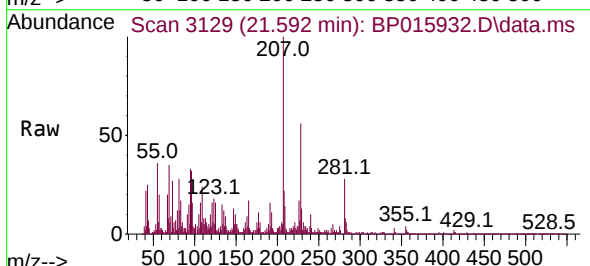
RT: 21.592 min Scan# 3129

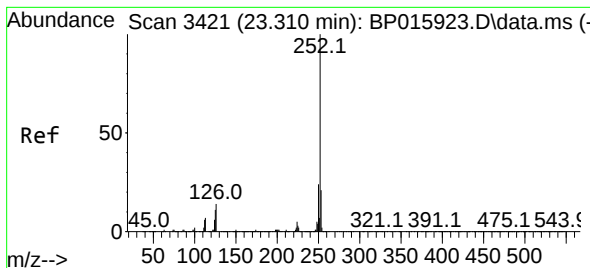
Delta R.T. 0.006 min

Lab File: BP015932.D

Acq: 02 Jul 2023 19:43

Tgt Ion:228 Resp: 139131
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 22.9 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 2.359 ng/u1

RT: 23.316 min Scan# 3421

Delta R.T. 0.006 min

Lab File: BP015932.D

Acq: 02 Jul 2023 19:43

Instrument :

BNA_P

ClientSampleId :

DCGG9

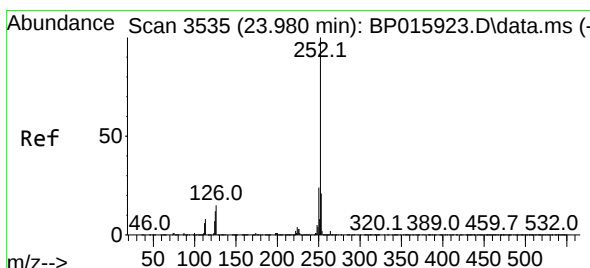
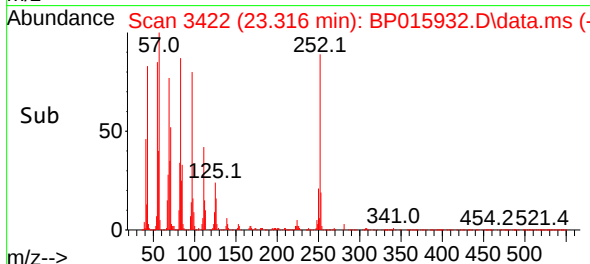
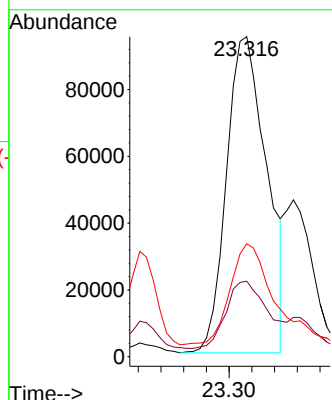
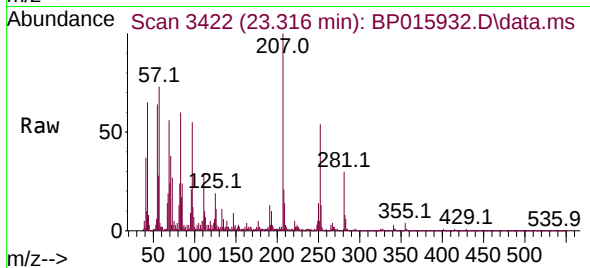
Tgt Ion:	252	Resp:	233104
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.3	25.9
125	35.3	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#93

Benzo(a)pyrene

Concen: 1.562 ng/u1

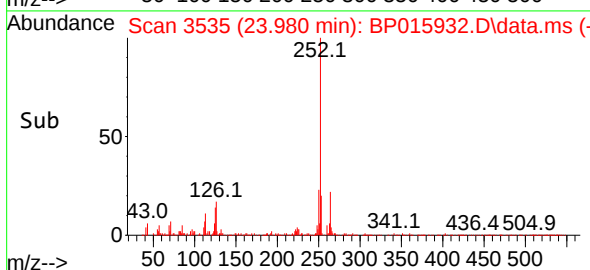
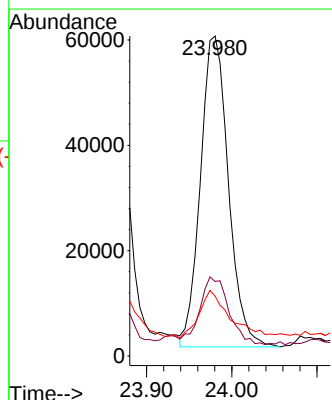
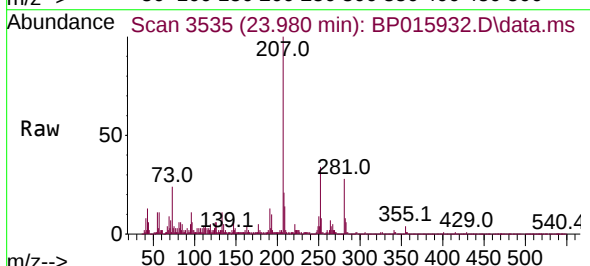
RT: 23.980 min Scan# 3535

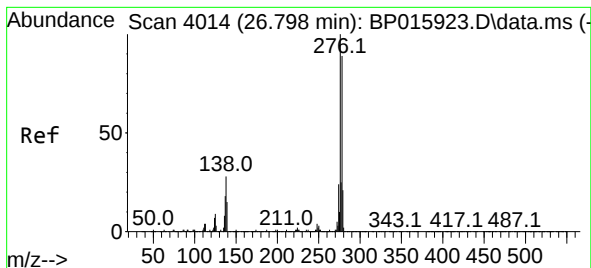
Delta R.T. 0.000 min

Lab File: BP015932.D

Acq: 02 Jul 2023 19:43

Tgt Ion:	252	Resp:	134905
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.7	26.5
125	18.7	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.127 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. 0.018 min

Lab File: BP015932.D

Acq: 02 Jul 2023 19:43

Instrument :

BNA_P

ClientSampleId :

DCGG9

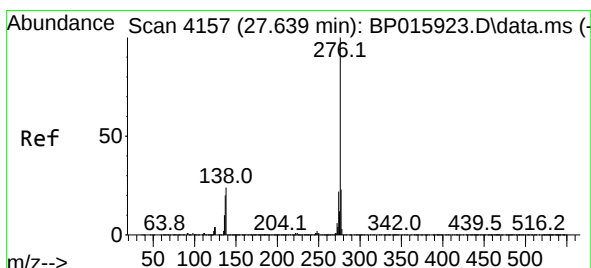
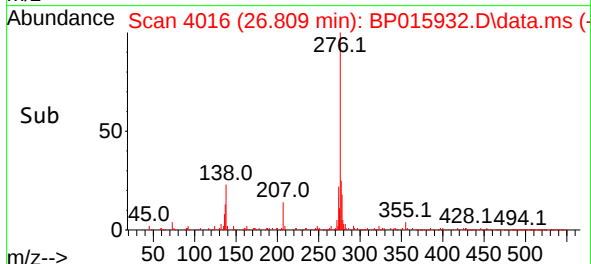
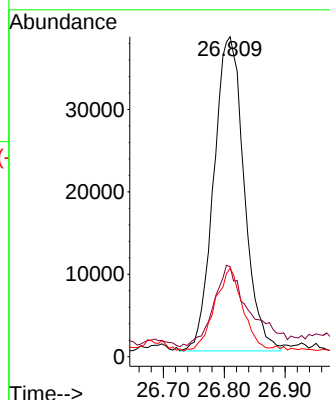
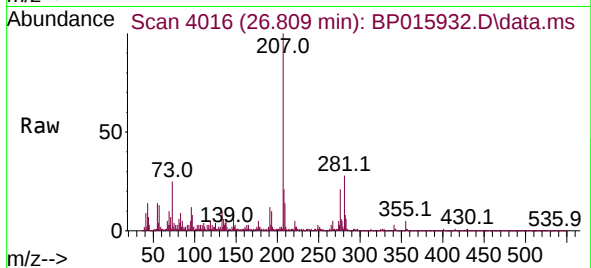
Tgt Ion:	276	Resp:	132110
Ion Ratio	Lower	Upper	
276	100		
138	28.2	15.7	23.5
277	27.6	19.6	29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#96

Benzo(g,h,i)perylene

Concen: 1.307 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.018 min

Lab File: BP015932.D

Acq: 02 Jul 2023 19:43

Tgt Ion:	276	Resp:	126044
Ion Ratio	Lower	Upper	
276	100		
138	27.1	15.1	22.7
277	27.0	18.8	28.2

