

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015726.D
 Acq On : 26 Jun 2023 21:50
 Operator : MA/JU
 Sample : 03083-12DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL0DL

Quant Time: Jun 27 03:04:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

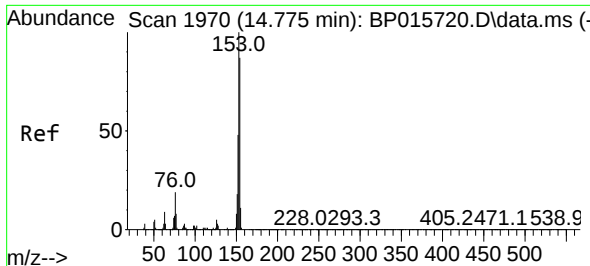
Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Supervised By :mohammad
 ahmed
 06/27/2023

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

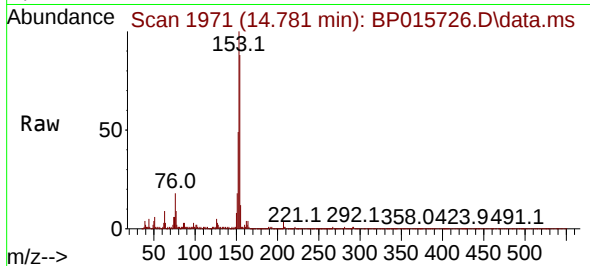
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	141951	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	565487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	325510	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	593285	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	449458	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	608109	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	3347	0.848	ng/uL	0.00
4) Pyridine-d5	3.858	84	18663	1.877	ng/u1	0.03
7) Phenol-d5	7.246	99	48233	3.971	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.393	67	31093	4.138	ng/u1	0.00
11) 2-Chlorophenol-d4	7.599	132	42353	4.620	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	34950m	3.643	ng/u1	0.02
21) Nitrobenzene-d5	9.269	128	16002	3.703	ng/u1	0.02
24) 2-Nitrophenol-d4	9.993	143	21358m	4.234	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.575	165	35498m	3.949	ng/u1	0.05
31) 4-Chloroaniline-d4	11.099	131	23244m	2.013	ng/u1	0.06
46) Dimethylphthalate-d6	14.128	166	136211	5.414	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	149178	5.275	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.716	176	108943	5.259	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	8328m	2.282	ng/u1	0.02
73) Anthracene-d10	17.581	188	141650	5.227	ng/u1	0.00
81) Pyrene-d10	19.804	212	151013	5.145	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	164814	5.373	ng/u1	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.781	153	45872	2.123	ng/u1	99
61) Fluorene	15.775	166	39837	1.637	ng/u1	93
72) Phenanthrene	17.516	178	703701	21.833	ng/u1	99
74) Anthracene	17.616	178	137465	4.245	ng/u1	98
80) Fluoranthene	19.475	202	1167802	32.017	ng/u1	100
82) Pyrene	19.833	202	886135	23.816	ng/u1	100
85) Benzo(a)anthracene	21.545	228	530869	16.791	ng/u1	97
87) Chrysene	21.604	228	504447	16.817	ng/u1	97
90) Benzo(b)fluoranthene	23.333	252	779515	19.950	ng/u1	97
91) Benzo(k)fluoranthene	23.374	252	264528m	6.701	ng/u1	
93) Benzo(a)pyrene	23.998	252	521699	15.280	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.809	276	432139	9.324	ng/u1	96
95) Dibenzo(a,h)anthracene	26.815	278	122678	3.222	ng/u1#	81
96) Benzo(g,h,i)perylene	27.656	276	386265	10.130	ng/u1	98

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



#52
Acenaphthene
Concen: 2.123 ng/ul
RT: 14.781 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP015726.D
Acq: 26 Jun 2023 21:50

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

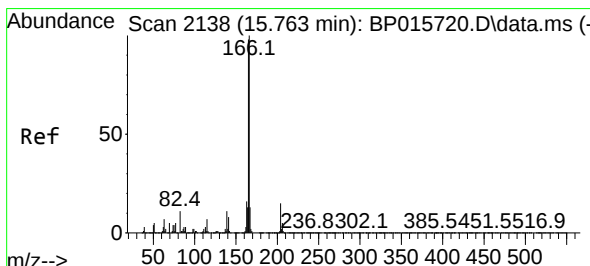
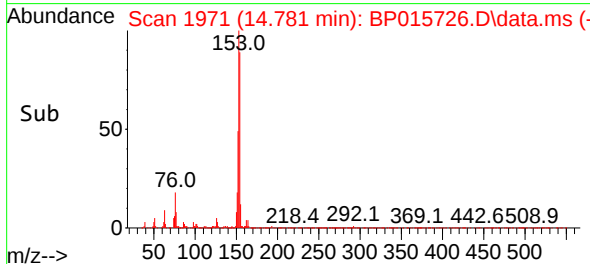
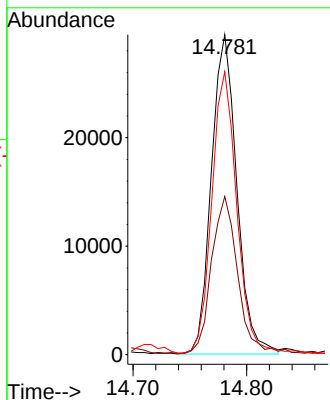


Tgt Ion:153 Resp: 45872
Ion Ratio Lower Upper
153 100
152 49.4 39.4 59.2
154 88.5 71.4 107.2

Manual Integrations
APPROVED

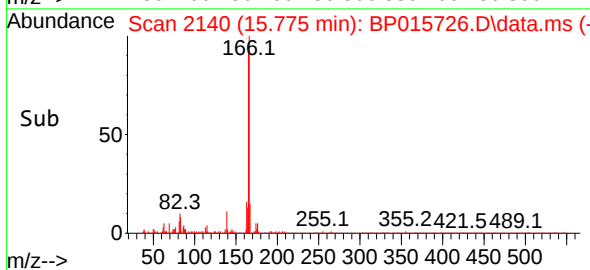
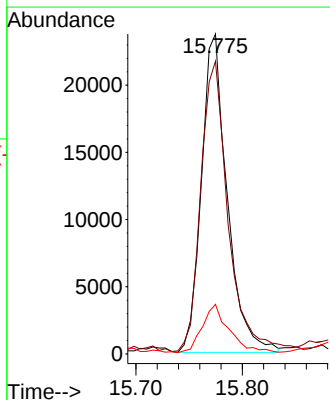
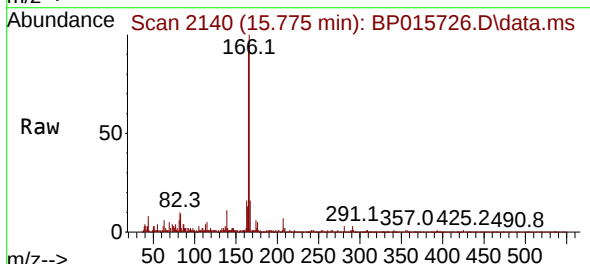
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

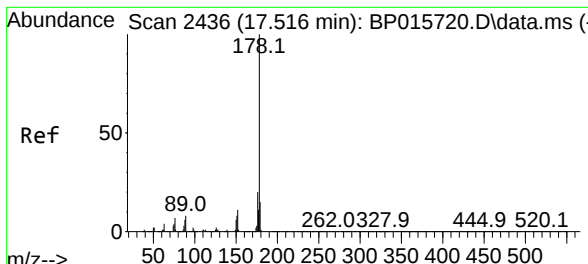
Supervised By :mohammad
ahmed
06/27/2023



#61
Fluorene
Concen: 1.637 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. 0.012 min
Lab File: BP015726.D
Acq: 26 Jun 2023 21:50

Tgt Ion:166 Resp: 39837
Ion Ratio Lower Upper
166 100
165 91.5 78.7 118.1
167 15.5 10.5 15.7





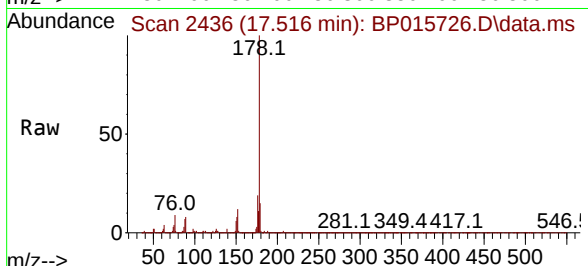
#72
 Phenanthrene
 Concen: 21.833 ng/uI
 RT: 17.516 min Scan# 2436
 Delta R.T. 0.000 min
 Lab File: BP015726.D
 Acq: 26 Jun 2023 21:50

Instrument :

BNA_P

Client SampleId :

DCFL0DL



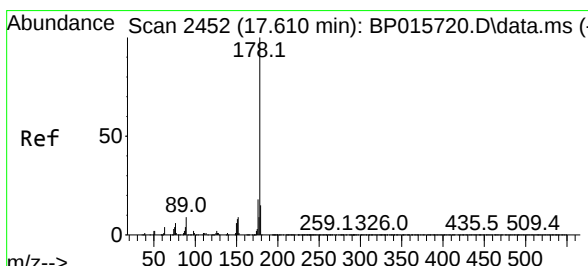
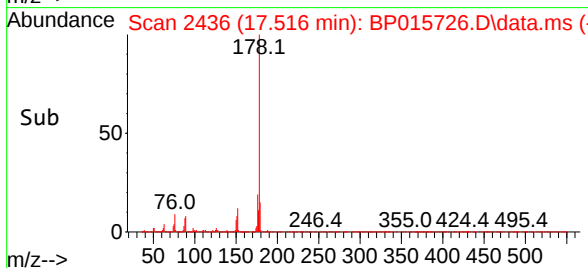
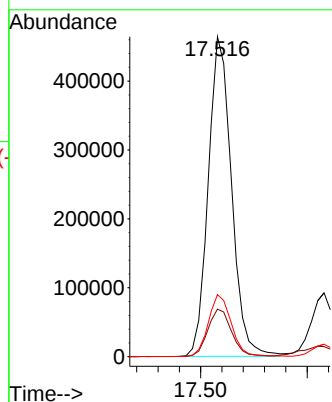
Tgt Ion:178 Resp: 70370

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.4	18.6
176	19.4	15.6	23.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

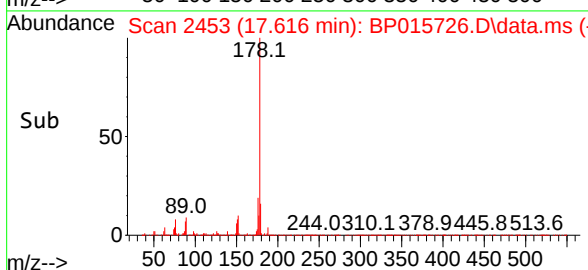
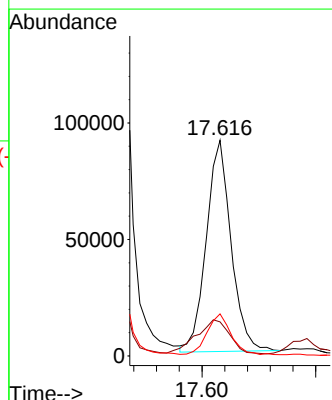
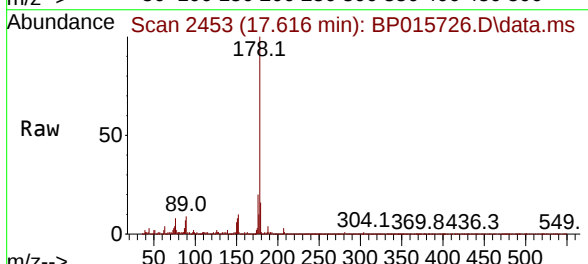
Supervised By :mohammad
 ahmed
 06/27/2023

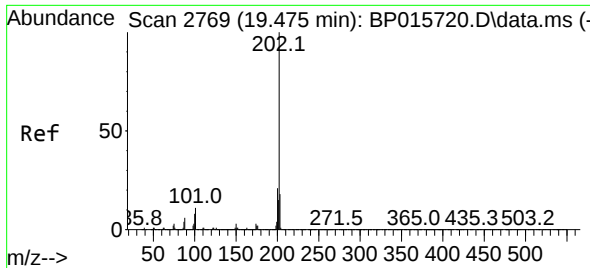


#74
 Anthracene
 Concen: 4.245 ng/uI
 RT: 17.616 min Scan# 2453
 Delta R.T. 0.006 min
 Lab File: BP015726.D
 Acq: 26 Jun 2023 21:50

Tgt Ion:178 Resp: 137465

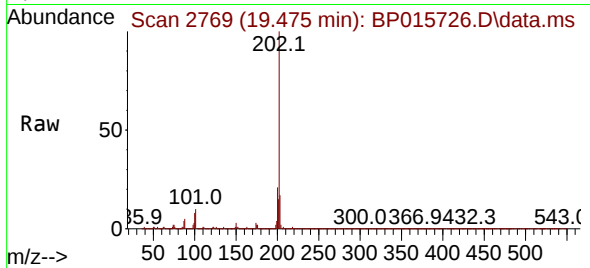
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	19.5	14.6	22.0





#80
Fluoranthene
Concen: 32.017 ng/u1
RT: 19.475 min Scan# 2769
Delta R.T. 0.000 min
Lab File: BP015726.D
Acq: 26 Jun 2023 21:50

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

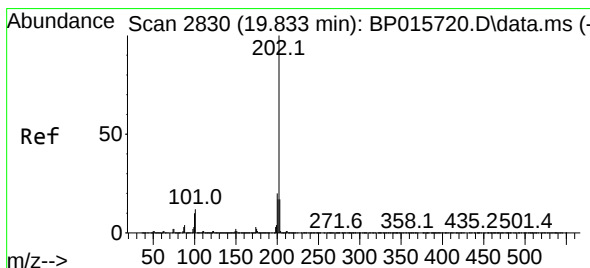
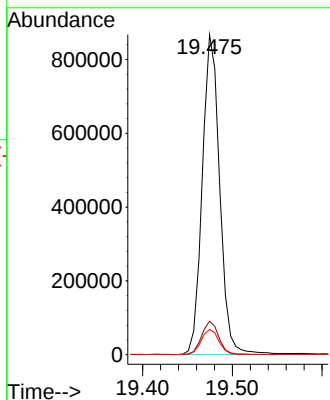
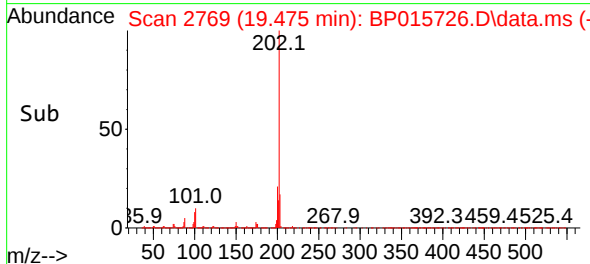


Tgt Ion:202 Resp: 116780
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 7.8 6.6 9.8

Manual Integrations
APPROVED

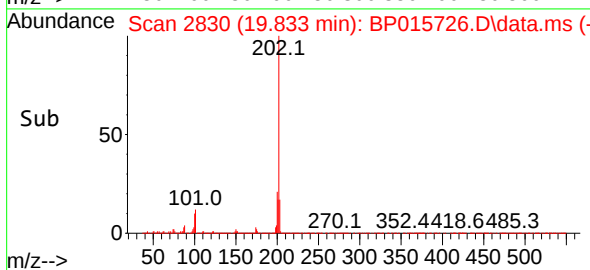
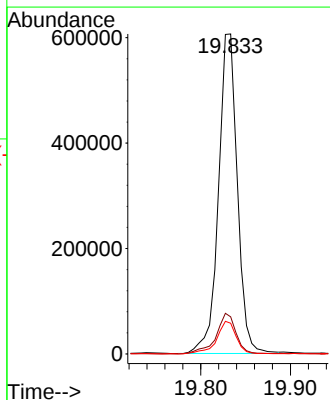
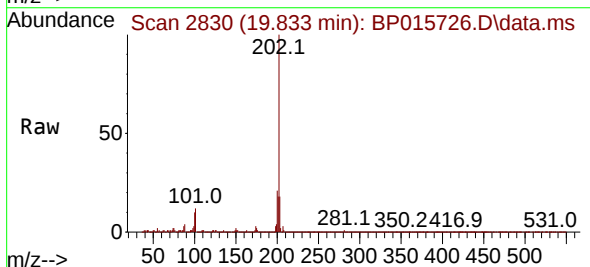
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

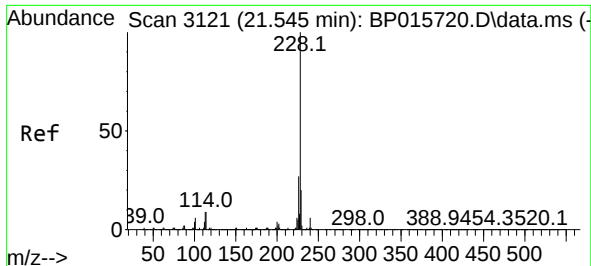
Supervised By :mohammad
ahmed
06/27/2023



#82
Pyrene
Concen: 23.816 ng/u1
RT: 19.833 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP015726.D
Acq: 26 Jun 2023 21:50

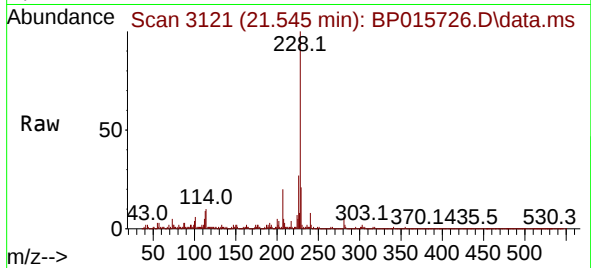
Tgt Ion:202 Resp: 886135
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
100 9.6 7.6 11.4





#85
Benzo(a)anthracene
Concen: 16.791 ng/ul
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP015726.D
Acq: 26 Jun 2023 21:50

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

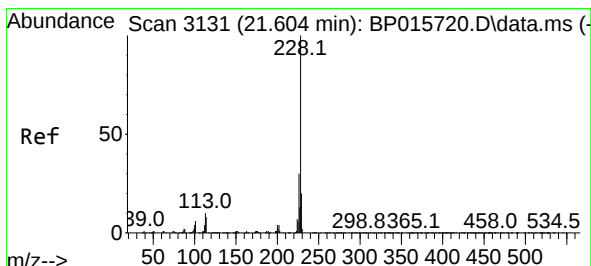
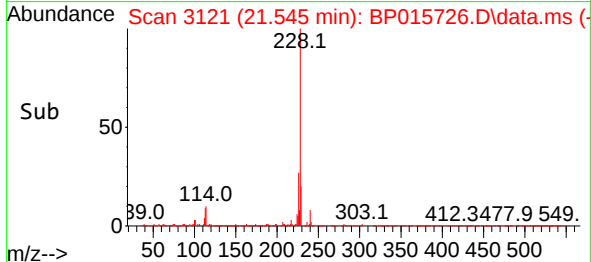
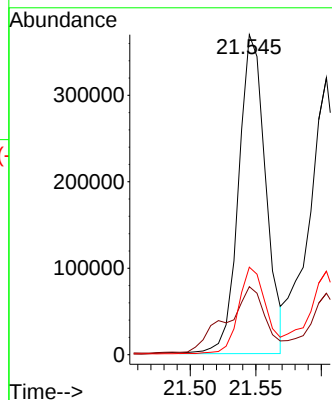


Tgt Ion:228 Resp: 530869
Ion Ratio Lower Upper
228 100
229 21.2 15.3 22.9
226 27.3 21.4 32.0

Manual Integrations
APPROVED

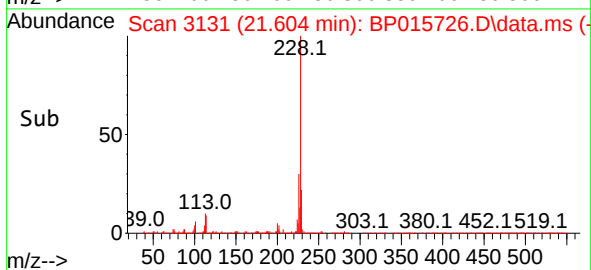
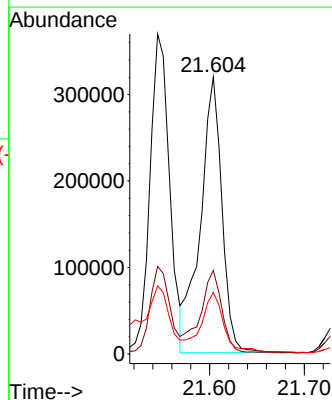
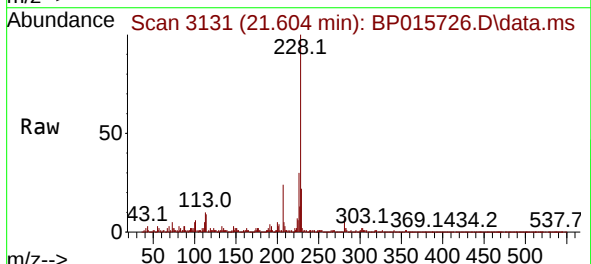
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

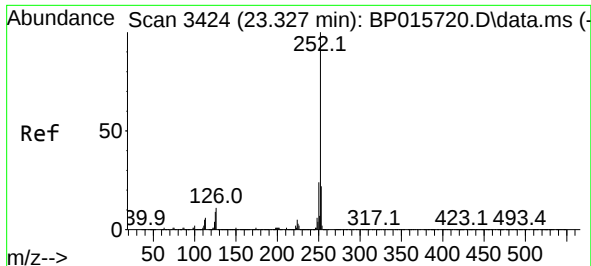
Supervised By :mohammad
ahmed
06/27/2023



#87
Chrysene
Concen: 16.817 ng/ul
RT: 21.604 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP015726.D
Acq: 26 Jun 2023 21:50

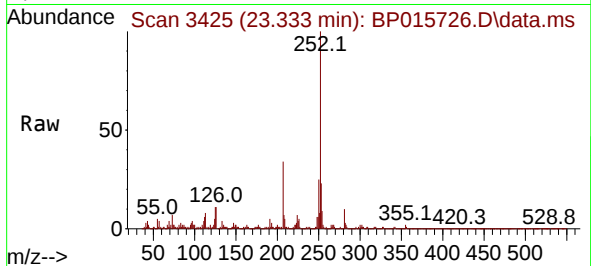
Tgt Ion:228 Resp: 504447
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 19.950 ng/ul
RT: 23.333 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BP015726.D
Acq: 26 Jun 2023 21:50

Instrument :
BNA_P
ClientSampleId :
DCFL0DL

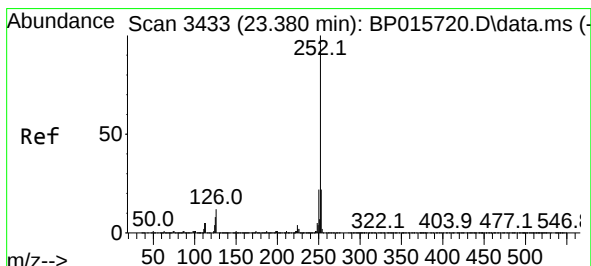
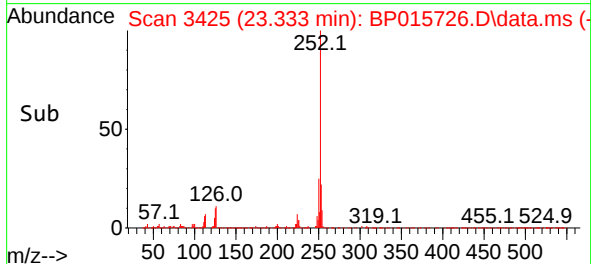
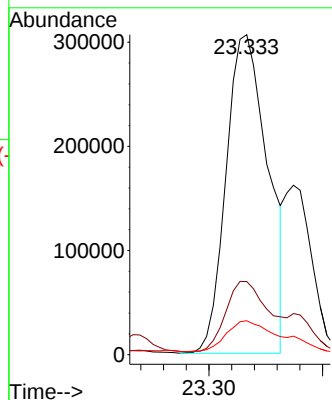


Tgt Ion:252 Resp: 77951
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 10.6 7.5 11.3

Manual Integrations
APPROVED

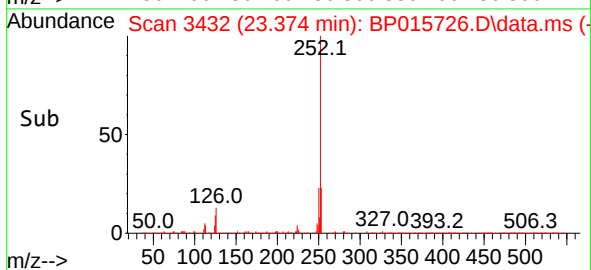
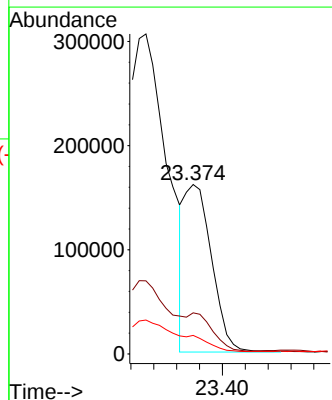
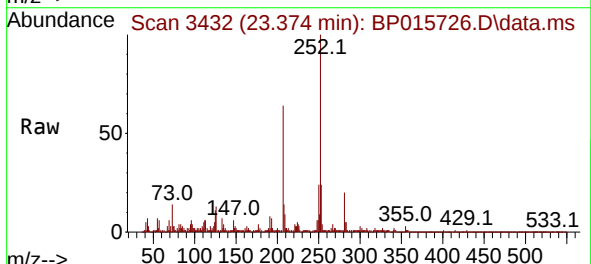
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

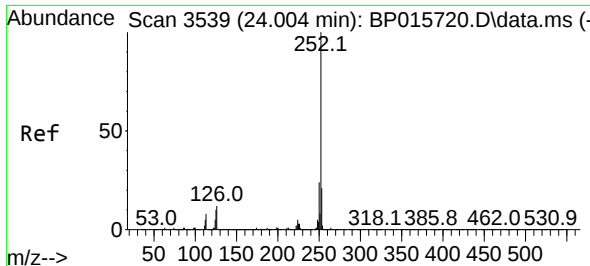
Supervised By :mohammad
ahmed
06/27/2023



#91
Benzo(k)fluoranthene
Concen: 6.701 ng/ul m
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015726.D
Acq: 26 Jun 2023 21:50

Tgt Ion:252 Resp: 264528
Ion Ratio Lower Upper
252 100
253 24.3 17.0 25.4
125 10.9 7.3 10.9#





#93
Benzo(a)pyrene
Concen: 15.280 ng/ul
RT: 23.998 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BP015726.D
Acq: 26 Jun 2023 21:50

Instrument :

BNA_P

ClientSampleId :

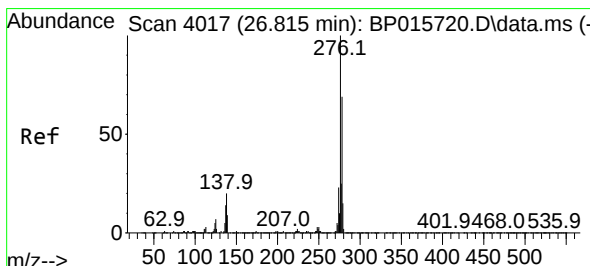
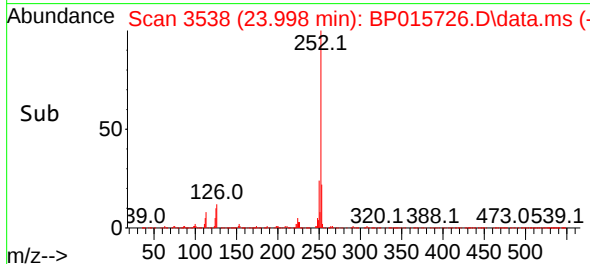
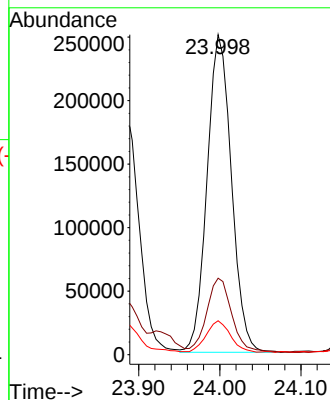
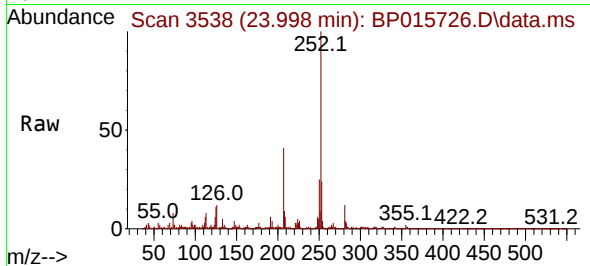
DCFL0DL

Tgt Ion:252 Resp: 521699
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 10.6 8.2 12.2

Manual Integrations
APPROVED

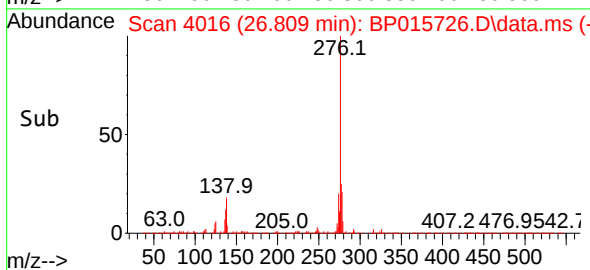
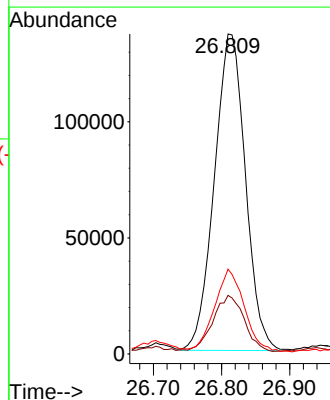
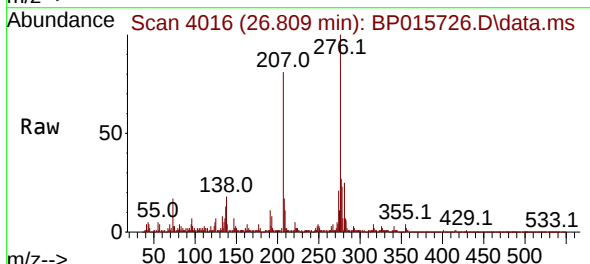
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

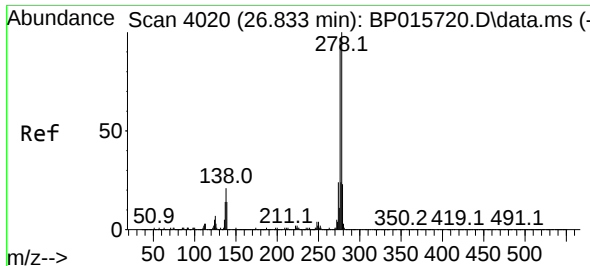
Supervised By :mohammad
ahmed
06/27/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 9.324 ng/ul
RT: 26.809 min Scan# 4016
Delta R.T. -0.006 min
Lab File: BP015726.D
Acq: 26 Jun 2023 21:50

Tgt Ion:276 Resp: 432139
Ion Ratio Lower Upper
276 100
138 18.3 15.7 23.5
277 26.5 19.6 29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 3.222 ng/ul
 RT: 26.815 min Scan# 4017
 Delta R.T. -0.012 min
 Lab File: BP015726.D
 Acq: 26 Jun 2023 21:50

Instrument :

BNA_P

ClientSampleId :

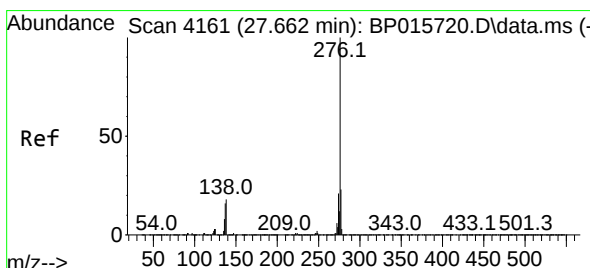
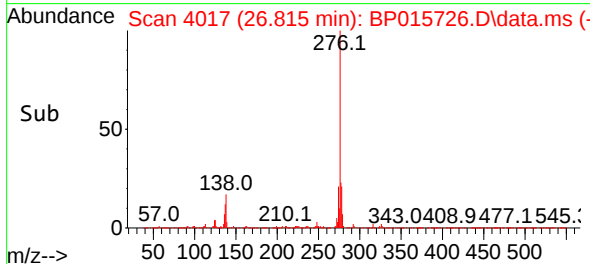
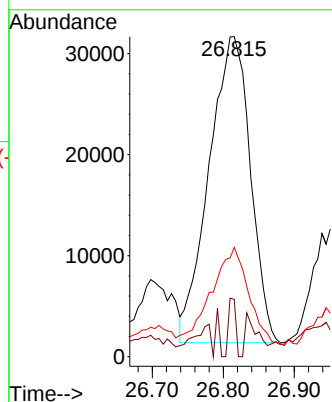
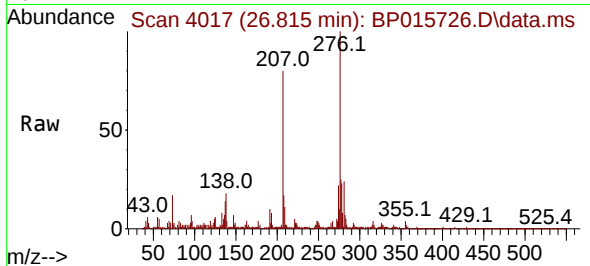
DCFL0DL

Tgt Ion:278 Resp: 122678
 Ion Ratio Lower Upper
 278 100
 139 17.9 10.5 15.7
 279 34.1 18.4 27.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Supervised By :mohammad
 ahmed
 06/27/2023



#96
 Benzo(g,h,i)perylene
 Concen: 10.130 ng/ul
 RT: 27.656 min Scan# 4160
 Delta R.T. 0.000 min
 Lab File: BP015726.D
 Acq: 26 Jun 2023 21:50

Tgt Ion:276 Resp: 386265
 Ion Ratio Lower Upper
 276 100
 138 18.4 15.1 22.7
 277 24.4 18.8 28.2

