

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019823.D
 Acq On : 22 Feb 2024 14:24
 Operator : MA/JU
 Sample : P1549-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HT3727

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Feb 22 14:49:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/23/2024
1) 1,4-Dichlorobenzene-d4	7.893	152	63599	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	10.693	136	234173	20.000	ng	0.00	
39) Acenaphthene-d10	14.528	164	164841	20.000	ng	-0.01	
64) Phenanthrene-d10	17.286	188	375468	20.000	ng	0.00	
76) Chrysene-d12	21.380	240	373369	20.000	ng	-0.01	
86) Perylene-d12	23.804	264	425832	20.000	ng	0.00	02/23/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	164635	41.727	ng	0.00	
7) Phenol-d6	7.069	99	207088	38.926	ng	0.00	
23) Nitrobenzene-d5	9.063	82	148110	27.406	ng	0.00	
42) 2,4,6-Tribromophenol	16.028	330	133915	55.640	ng	0.00	
45) 2-Fluorobiphenyl	13.157	172	354595	26.593	ng	0.00	
79) Terphenyl-d14	19.851	244	697649	30.729	ng	-0.01	
Target Compounds						Qvalue	
71) Phenanthrene	17.328	178	148482	7.514	ng	98	
75) Fluoranthene	19.298	202	299517	12.408	ng	99	
78) Pyrene	19.651	202	275251	10.446	ng	99	
81) Benzo(a)anthracene	21.369	228	155243	5.907	ng	97	
83) Chrysene	21.421	228	138461	5.549	ng	97	
87) Indeno(1,2,3-cd)pyrene	26.327	276	75880	2.328	ng	# 93	
88) Benzo(b)fluoranthene	23.068	252	166877	6.218	ng	# 91	
89) Benzo(k)fluoranthene	23.110	252	55608m	2.169	ng		
90) Benzo(a)pyrene	23.692	252	116115	4.862	ng	# 93	
92) Benzo(g,h,i)perylene	27.109	276	77326	2.843	ng	# 94	

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

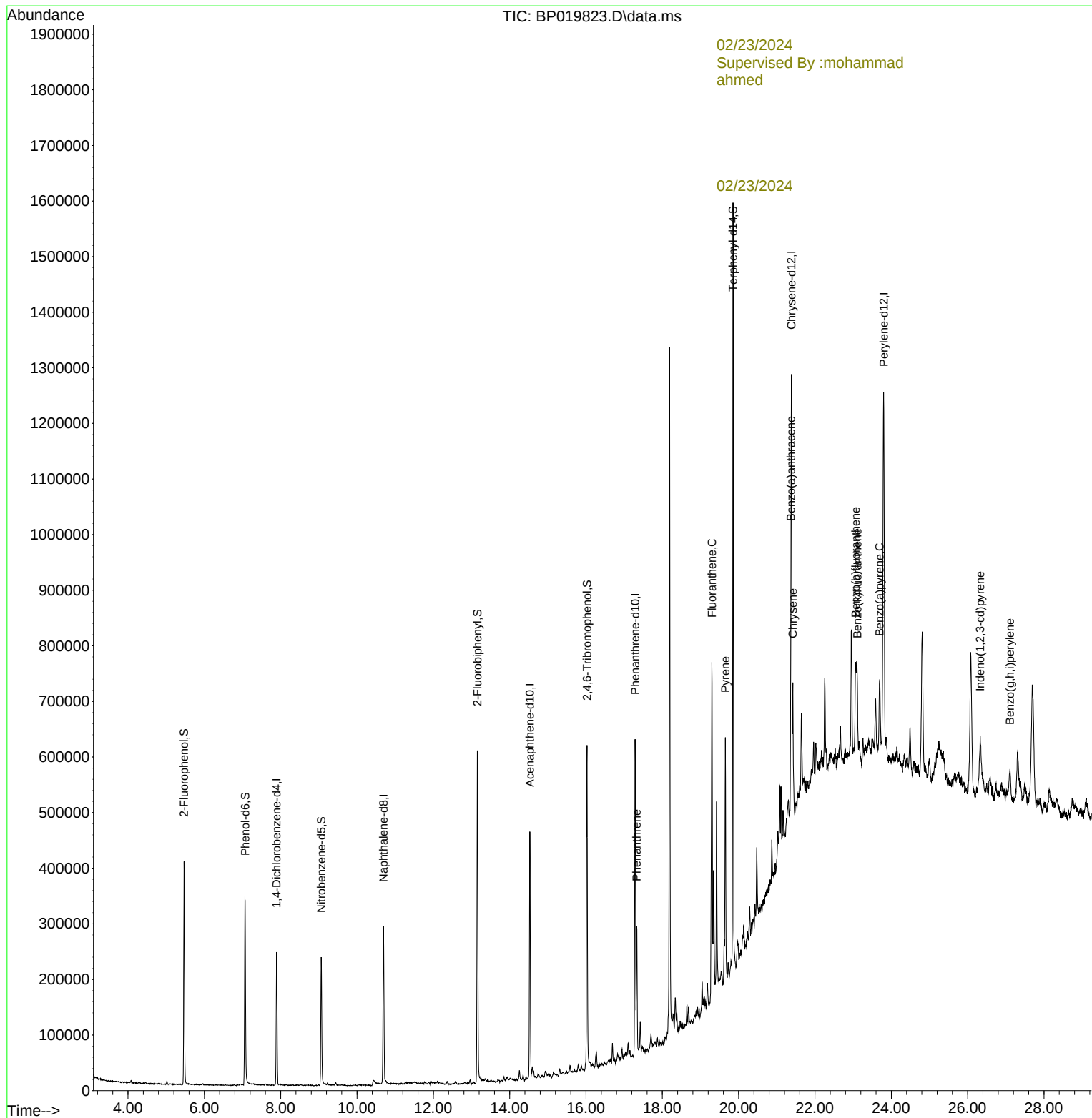
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Data File : BP019823.D
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ALS Vial : 8 Sample Multiplier: 1

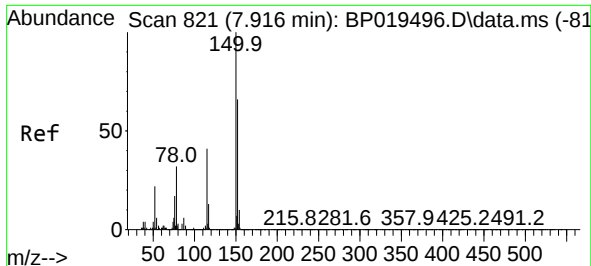
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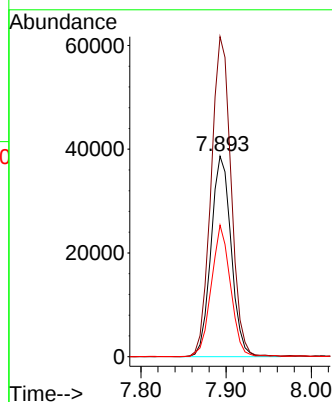
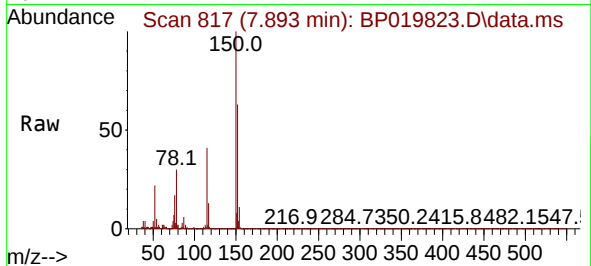
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:152 Resp: 6359
Ion Ratio Lower Upper
152 100
150 159.6 121.8 182.8
115 65.6 49.9 74.9

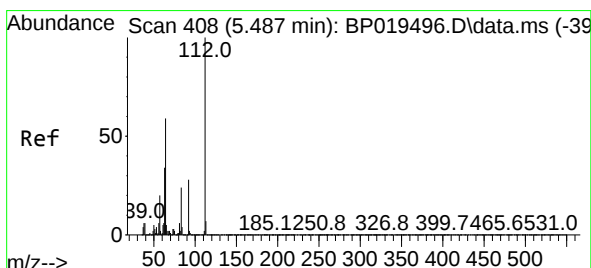
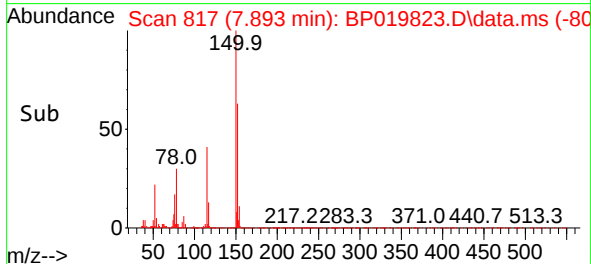
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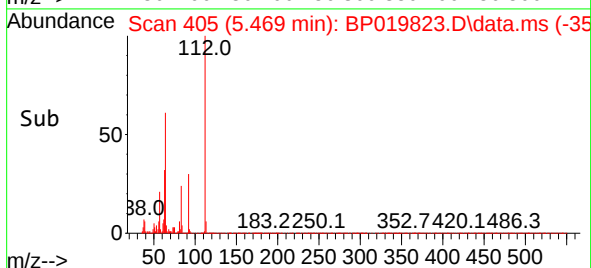
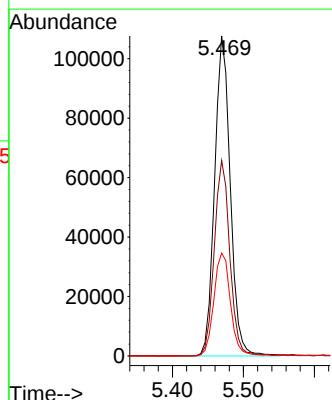
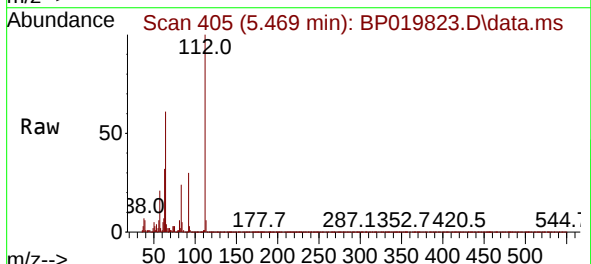
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Supervised By :mohammad
ahmed

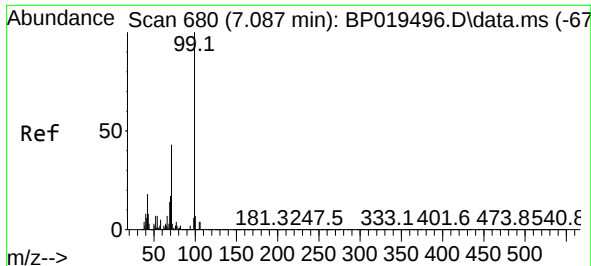
02/23/2024



#5
2-Fluorophenol
Concen: 41.727 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

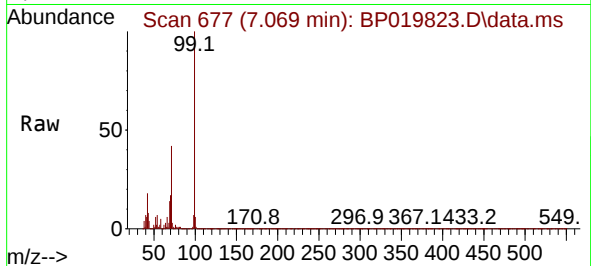
Tgt Ion:112 Resp: 164635
Ion Ratio Lower Upper
112 100
64 61.1 47.4 71.0
63 32.2 27.0 40.6





#7
Phenol-d6
Concen: 38.926 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

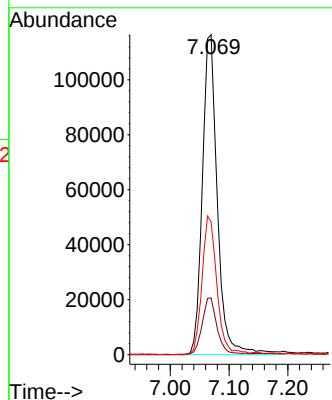
Instrument :
BNA_P
ClientSampleId :
HT3727



Tgt Ion: 99 Resp: 207088
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 41.5 34.8 52.2

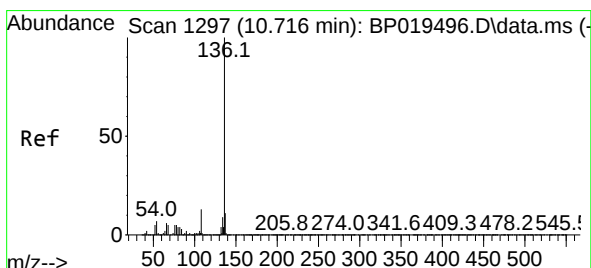
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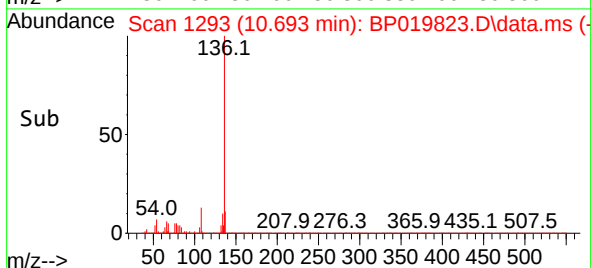
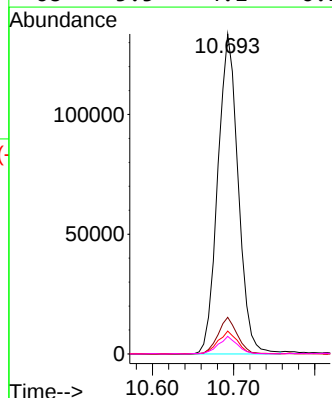
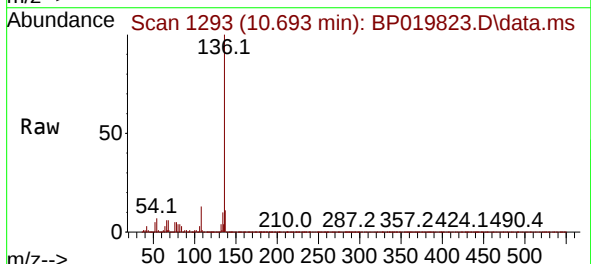
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Supervised By :mohammad
ahmed

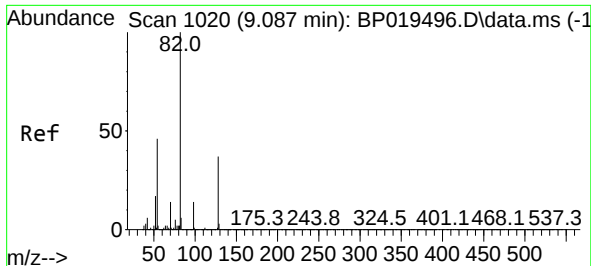
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:136 Resp: 234173
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.1 5.3 7.9
68 5.5 4.1 6.1





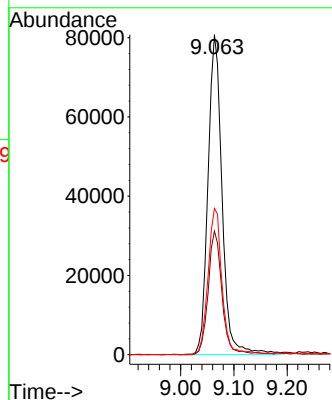
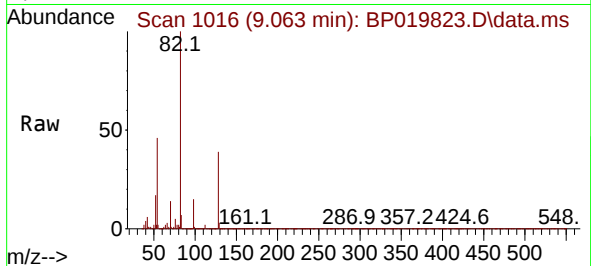
#23
Nitrobenzene-d5
Concen: 27.406 ng
RT: 9.063 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion: 82 Resp: 148110
Ion Ratio Lower Upper
82 100
128 38.6 29.7 44.5
54 45.7 36.8 55.2

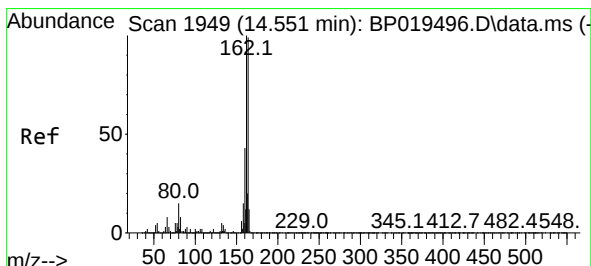
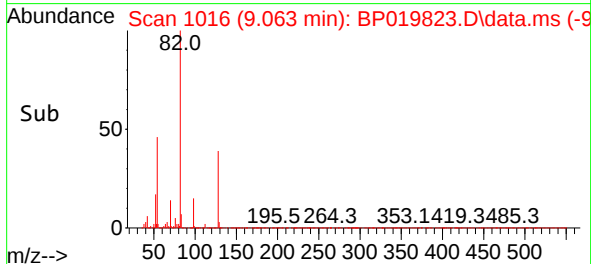
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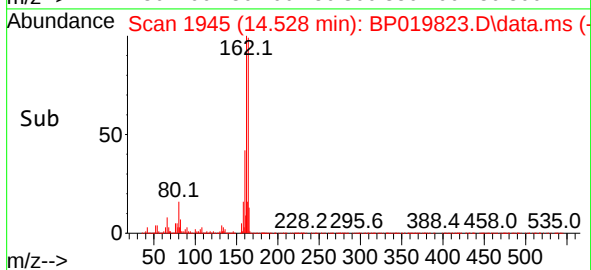
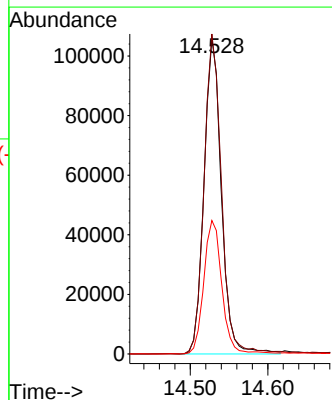
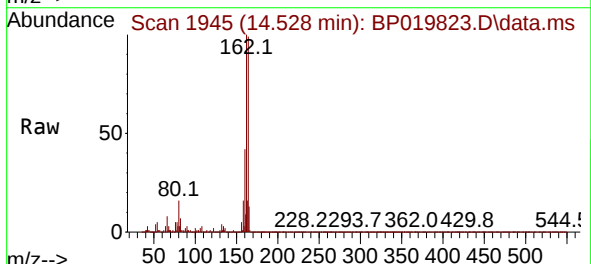
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Supervised By :mohammad
ahmed

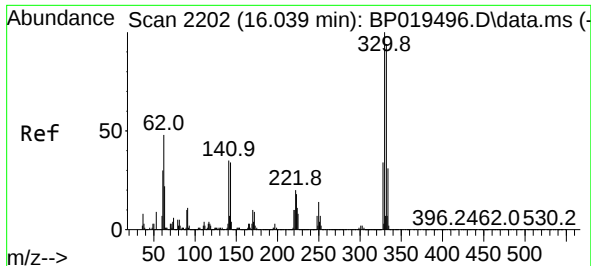
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:164 Resp: 164841
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 42.3 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 55.640 ng
RT: 16.028 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :

BNA_P

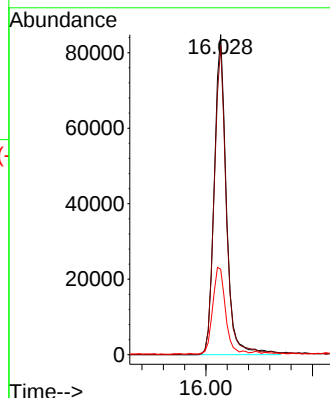
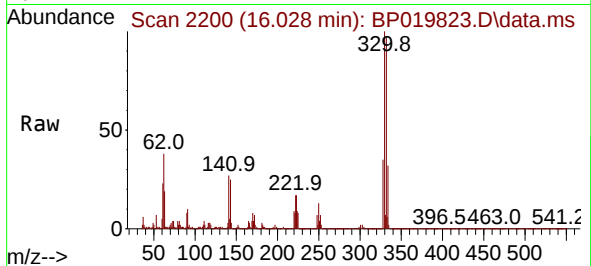
ClientSampleId :

HT3727

Tgt Ion:330 Resp: 133915
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 28.4 27.0 40.4

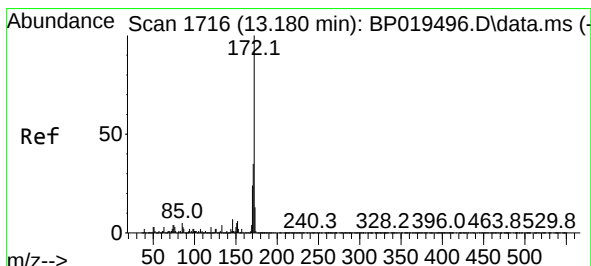
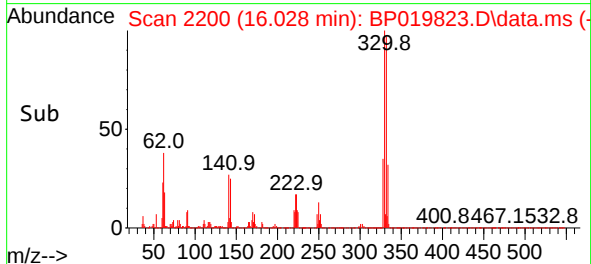
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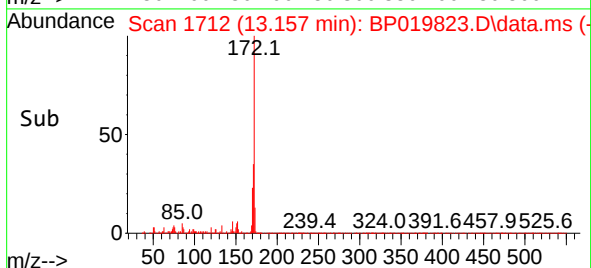
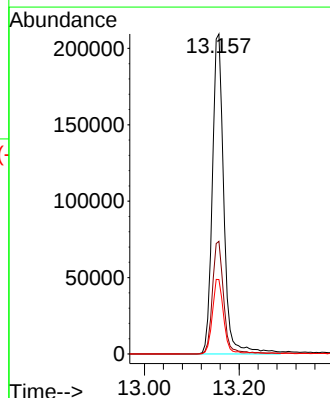
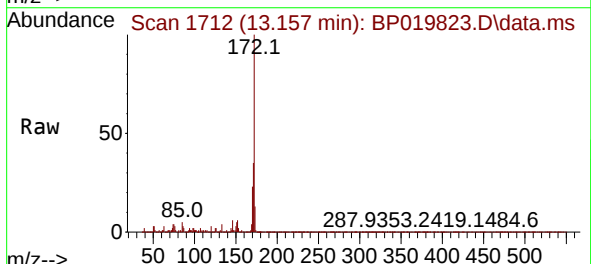
02/23/2024
Supervised By :mohammad
ahmed

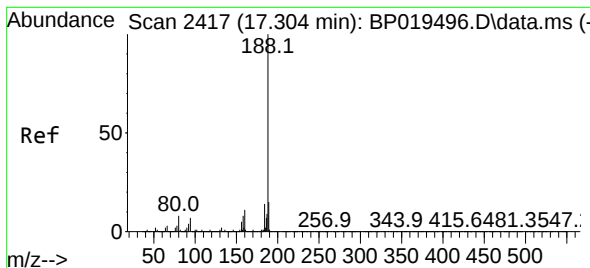
02/23/2024



#45
2-Fluorobiphenyl
Concen: 26.593 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:172 Resp: 354595
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BP019823.D

Acq: 22 Feb 2024 14:24

Instrument :

BNA_P

ClientSampleId :

HT3727

Tgt Ion:188 Resp: 375468

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

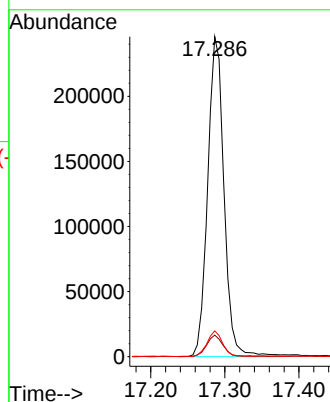
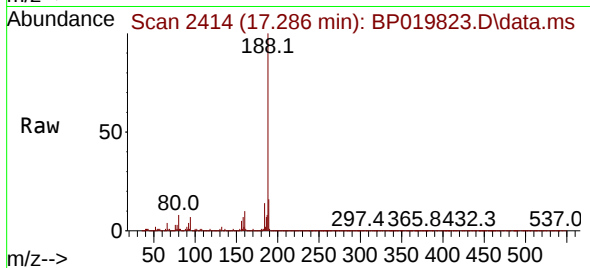
80 8.1 6.3 9.5

Manual Integrations

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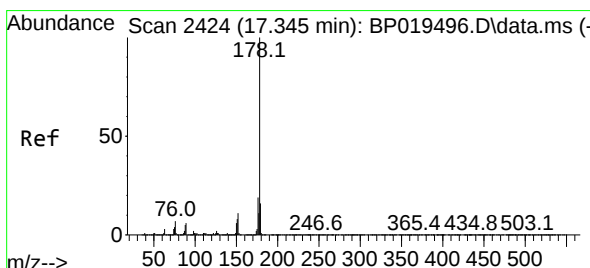
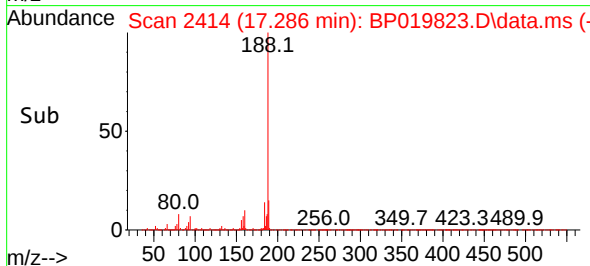
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#71

Phenanthrene

Concen: 7.514 ng

RT: 17.328 min Scan# 2421

Delta R.T. -0.012 min

Lab File: BP019823.D

Acq: 22 Feb 2024 14:24

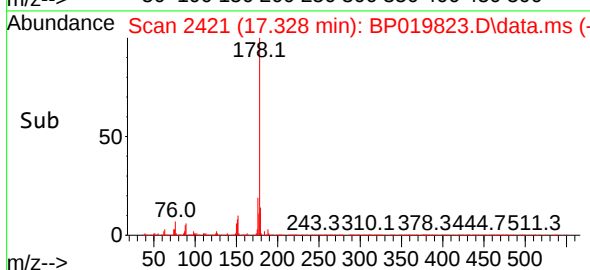
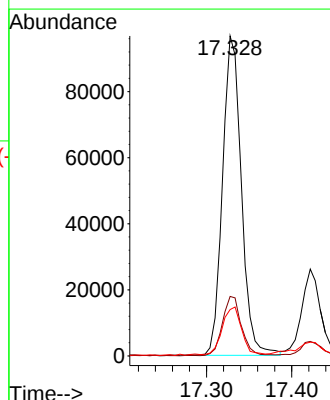
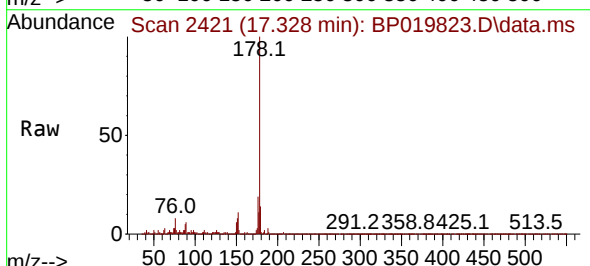
Tgt Ion:178 Resp: 148482

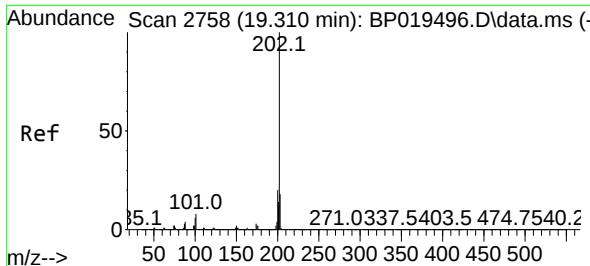
Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

179 14.5 12.6 19.0





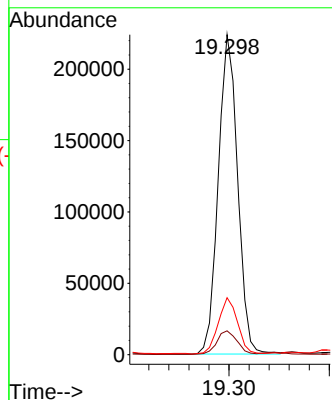
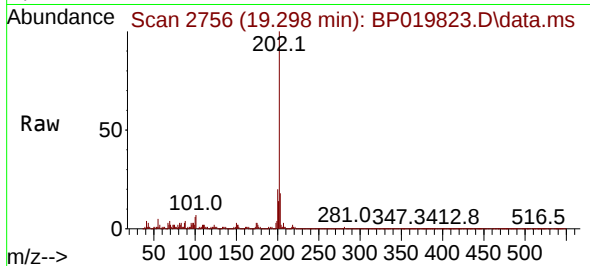
#75
Fluoranthene
Concen: 12.408 ng
RT: 19.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:202	Resp: 29951
Ion Ratio	Lower Upper
202 100	
101 7.5	0.0 27.7
203 17.8	0.0 37.5

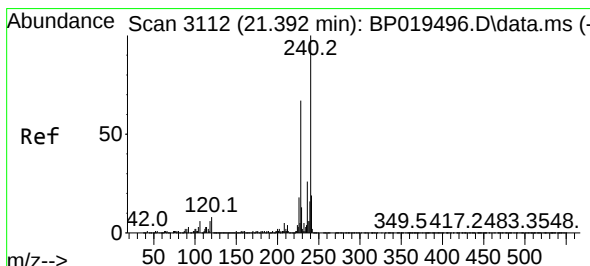
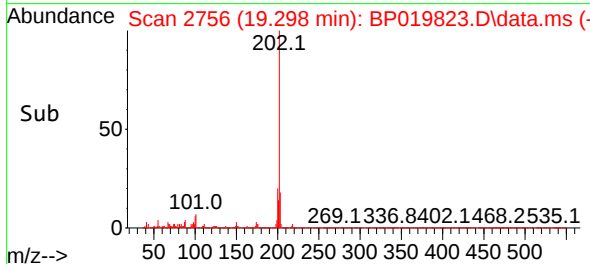
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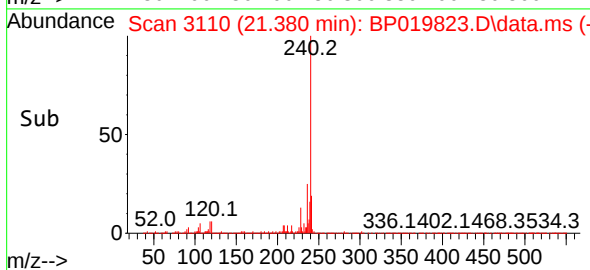
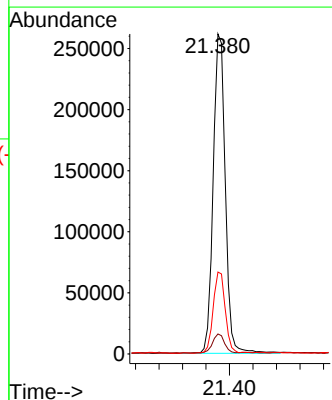
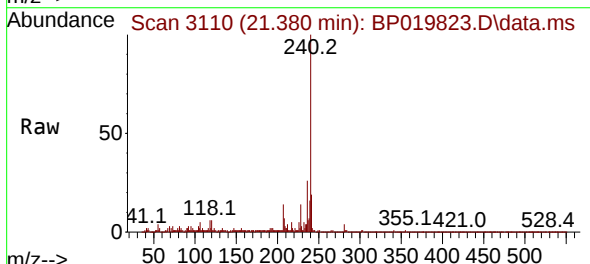
02/23/2024
Supervised By :mohammad
ahmed

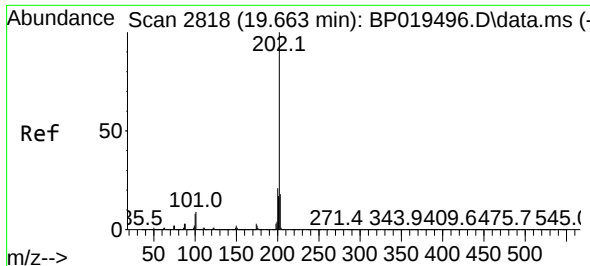
02/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:240	Resp: 373369
Ion Ratio	Lower Upper
240 100	
120 6.3	6.1 9.1
236 25.6	20.7 31.1





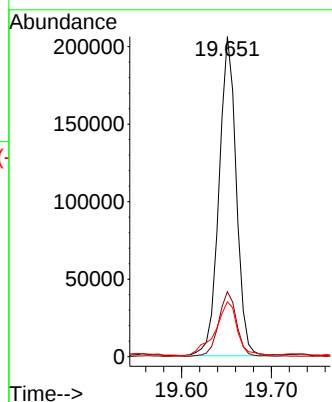
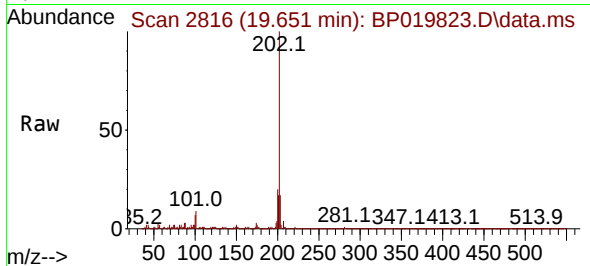
#78
Pyrene
Concen: 10.446 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:202 Resp: 27525
Ion Ratio Lower Upper
202 100
200 20.3 16.9 25.3
203 17.2 14.2 21.2

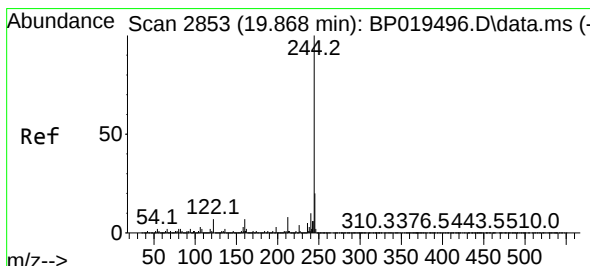
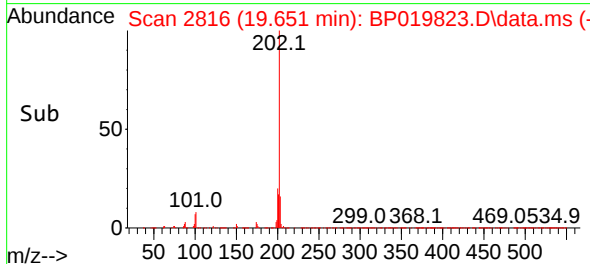
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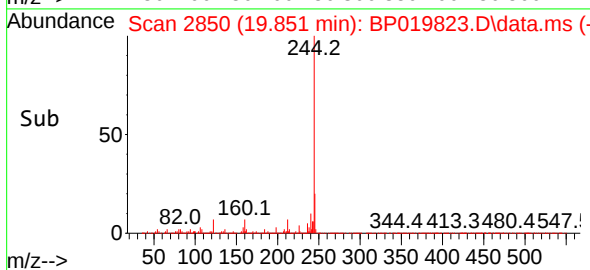
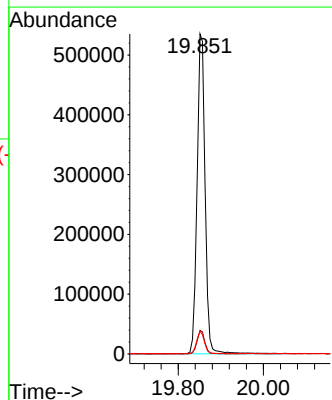
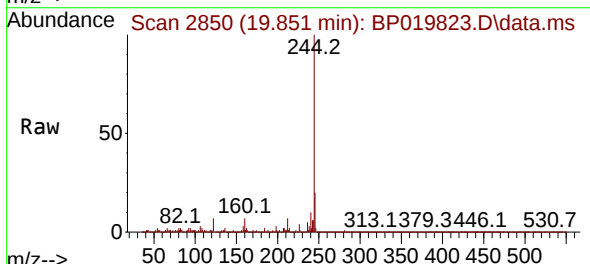
02/23/2024
Supervised By :mohammad
ahmed

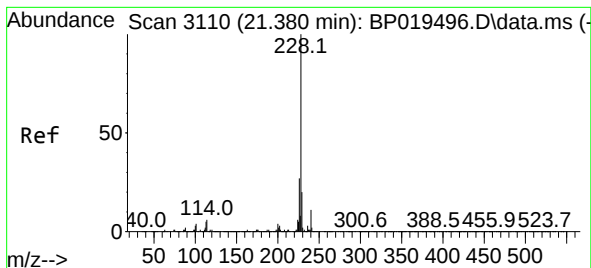
02/23/2024



#79
Terphenyl-d14
Concen: 30.729 ng
RT: 19.851 min Scan# 2850
Delta R.T. -0.012 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:244 Resp: 697649
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 7.2 5.9 8.9





#81

Benzo(a)anthracene

Concen: 5.907 ng

RT: 21.369 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019823.D

Acq: 22 Feb 2024 14:24

Instrument :

BNA_P

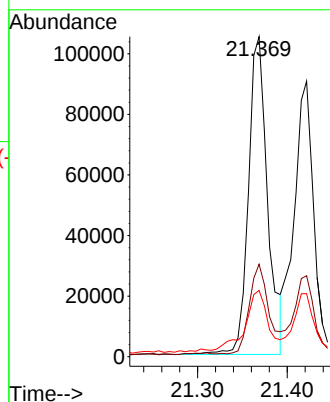
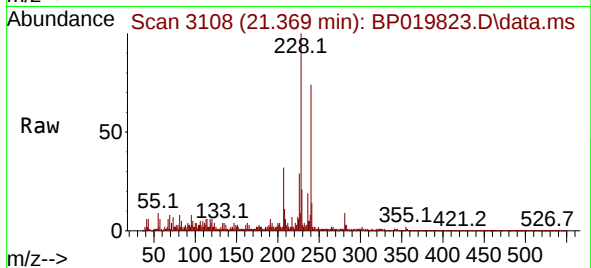
ClientSampleId :

HT3727

Tgt Ion:228	Resp: 15524
Ion Ratio	Lower Upper
228 100	
226 28.9	21.7 32.5
229 20.7	15.6 23.4

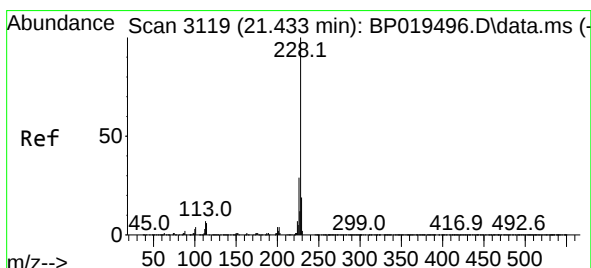
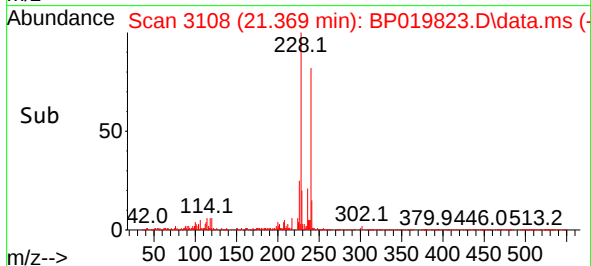
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



02/23/2024
Supervised By :mohammad
ahmed

02/23/2024



#83

Chrysene

Concen: 5.549 ng

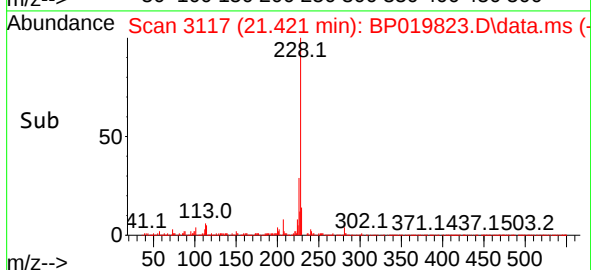
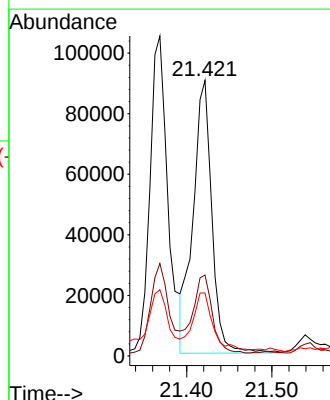
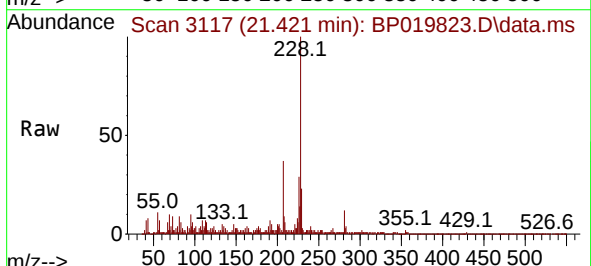
RT: 21.421 min Scan# 3117

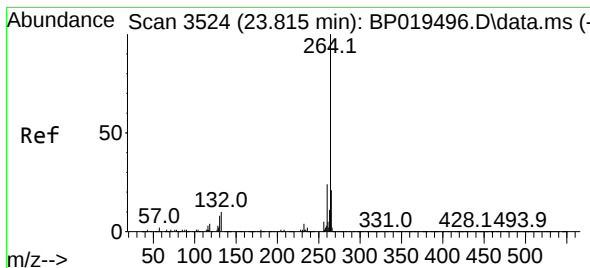
Delta R.T. -0.006 min

Lab File: BP019823.D

Acq: 22 Feb 2024 14:24

Tgt Ion:228	Resp: 138461
Ion Ratio	Lower Upper
228 100	
226 29.4	23.4 35.2
229 22.9	15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019823.D

Acq: 22 Feb 2024 14:24

Instrument :

BNA_P

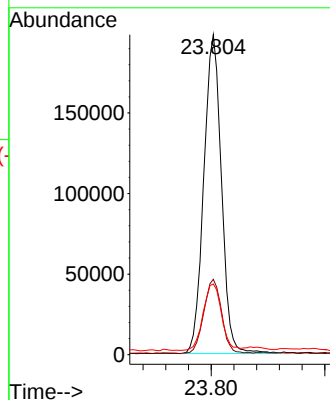
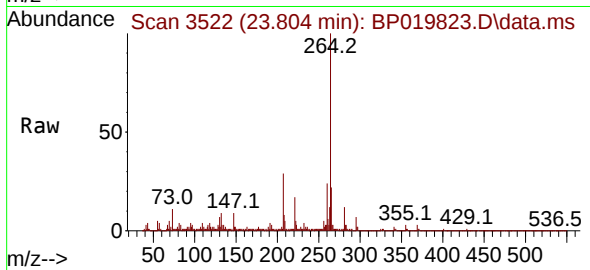
ClientSampleId :

HT3727

Tgt Ion:	264	Resp:	42583
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	22.1	17.0	25.4

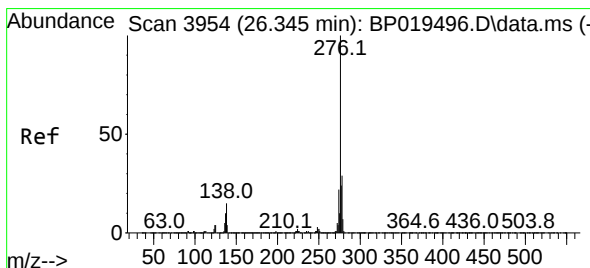
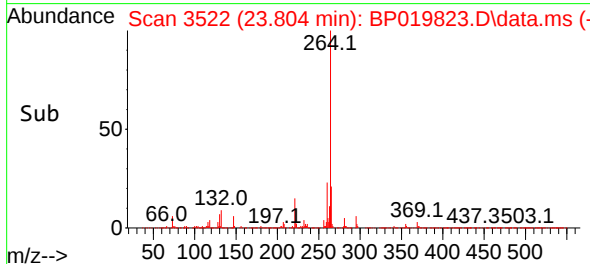
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



02/23/2024
Supervised By :mohammad
ahmed

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#87

Indeno(1,2,3-cd)pyrene

Concen: 2.328 ng

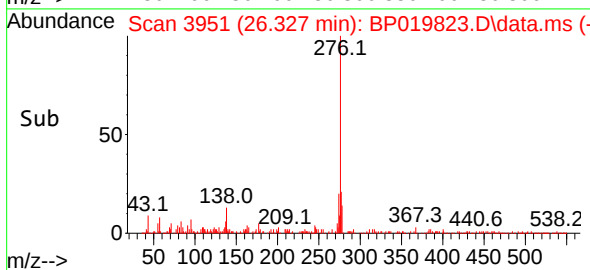
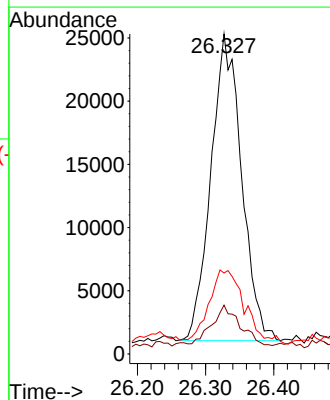
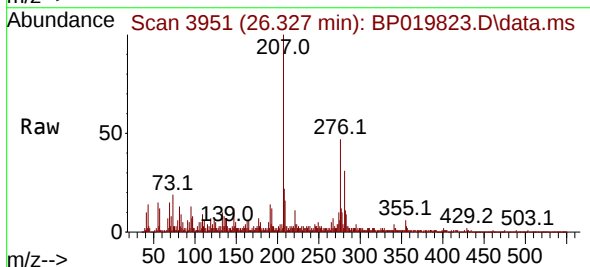
RT: 26.327 min Scan# 3951

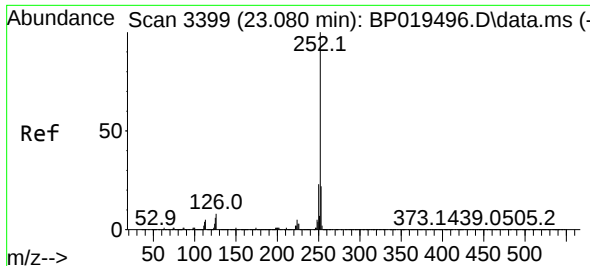
Delta R.T. -0.018 min

Lab File: BP019823.D

Acq: 22 Feb 2024 14:24

Tgt Ion:	276	Resp:	75880
Ion Ratio	Lower	Upper	
276	100		
138	12.6	13.1	19.7#
277	28.3	20.3	30.5





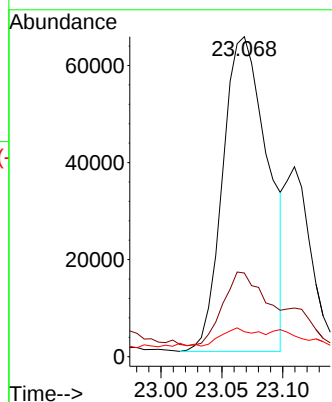
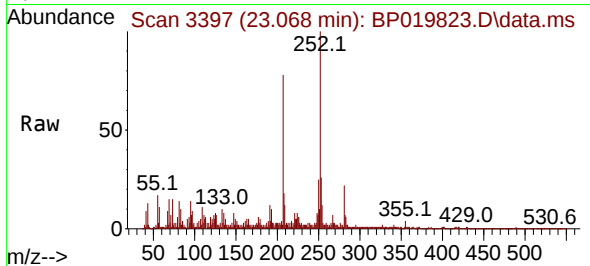
#88
Benzo(b)fluoranthene
Concen: 6.218 ng
RT: 23.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:252 Resp: 16687
Ion Ratio Lower Upper
252 100
253 26.2 17.3 25.9
125 7.8 4.9 7.3

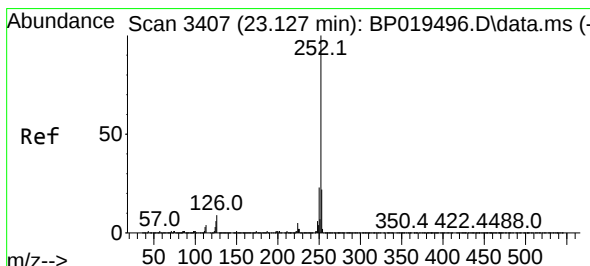
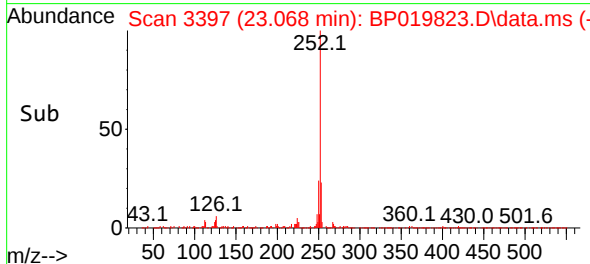
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



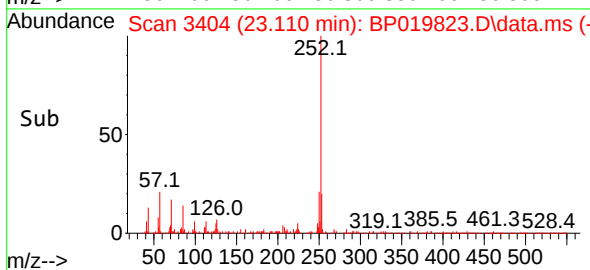
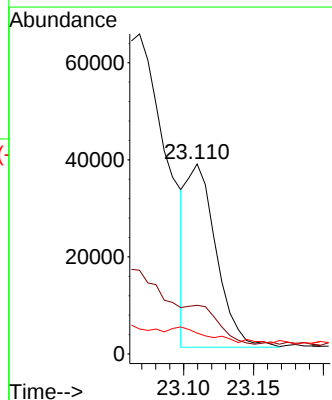
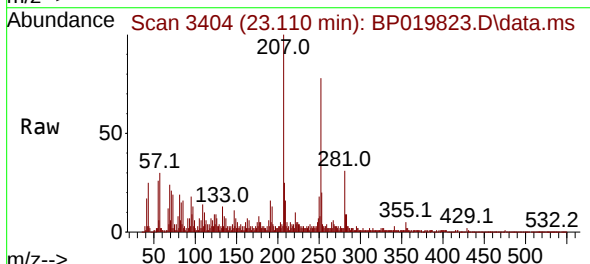
02/23/2024
Supervised By :mohammad
ahmed

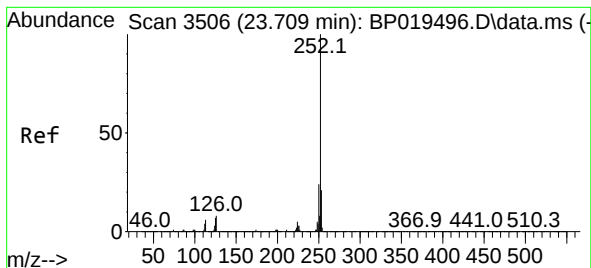
02/23/2024



#89
Benzo(k)fluoranthene
Concen: 2.169 ng m
RT: 23.110 min Scan# 3404
Delta R.T. -0.012 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:252 Resp: 55608
Ion Ratio Lower Upper
252 100
253 25.7 17.1 25.7
125 11.0 5.0 7.6





#90

Benzo(a)pyrene

Concen: 4.862 ng

RT: 23.692 min Scan# 3503

Delta R.T. -0.012 min

Lab File: BP019823.D

Acq: 22 Feb 2024 14:24

Instrument :

BNA_P

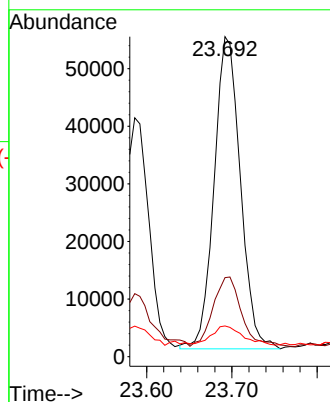
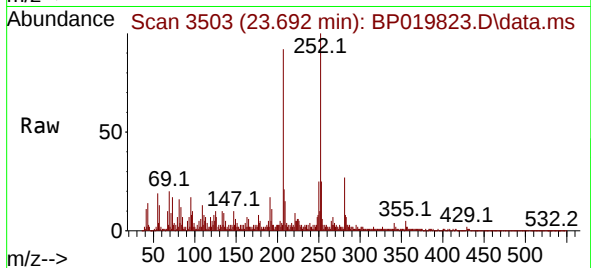
ClientSampleId :

HT3727

Tgt Ion:	252	Resp:	11611
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.1	25.7
125	9.6	5.6	8.4

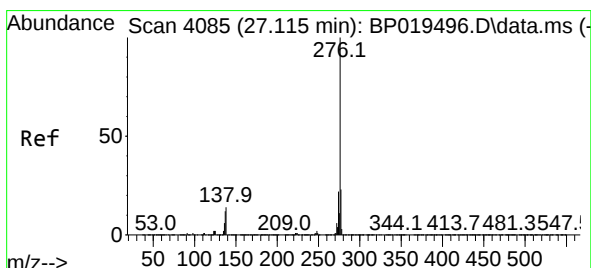
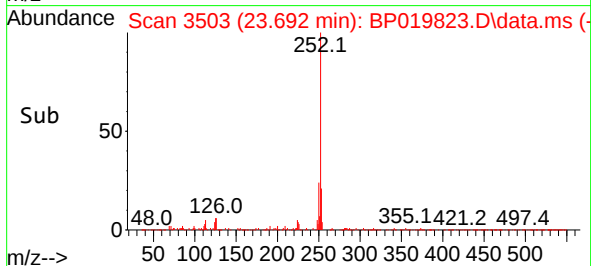
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



02/23/2024
Supervised By :mohammad
ahmed

02/23/2024



#92

Benzo(g,h,i)perylene

Concen: 2.843 ng

RT: 27.109 min Scan# 4084

Delta R.T. -0.012 min

Lab File: BP019823.D

Acq: 22 Feb 2024 14:24

Tgt Ion:	276	Resp:	77326
Ion Ratio	Lower	Upper	
276	100		
277	28.0	18.6	28.0
138	14.0	10.9	16.3

