

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134456.D
 Acq On : 25 Jul 2023 05:47
 Operator : CG\JU
 Sample : 03659-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-071823

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 06:44:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	65662	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	228340	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	104208	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	179506	20.000	ng	0.00
76) Chrysene-d12	14.033	240	101360	20.000	ng	0.00
86) Perylene-d12	15.539	264	83090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	378890	95.336	ng	0.00
7) Phenol-d6	6.475	99	398445	81.829	ng	0.00
23) Nitrobenzene-d5	7.398	82	293111	64.946	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	114514	77.343	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	422721	53.254	ng	0.00
79) Terphenyl-d14	12.969	244	397497	68.459	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.586	163	54792	7.093	ng	# 96
71) Phenanthrene	11.392	178	25696	2.740	ng	# 93
75) Fluoranthene	12.592	202	49263	4.507	ng	96
78) Pyrene	12.827	202	52935	6.568	ng	96
81) Benzo(a)anthracene	14.021	228	19704	2.786	ng	# 81
83) Chrysene	14.057	228	21011	3.106	ng	# 83
88) Benzo(b)fluoranthene	15.092	252	19490m	3.749	ng	
90) Benzo(a)pyrene	15.474	252	12731	2.650	ng	# 68
92) Benzo(g,h,i)perylene	17.574	276	9438	2.097	ng	# 71

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

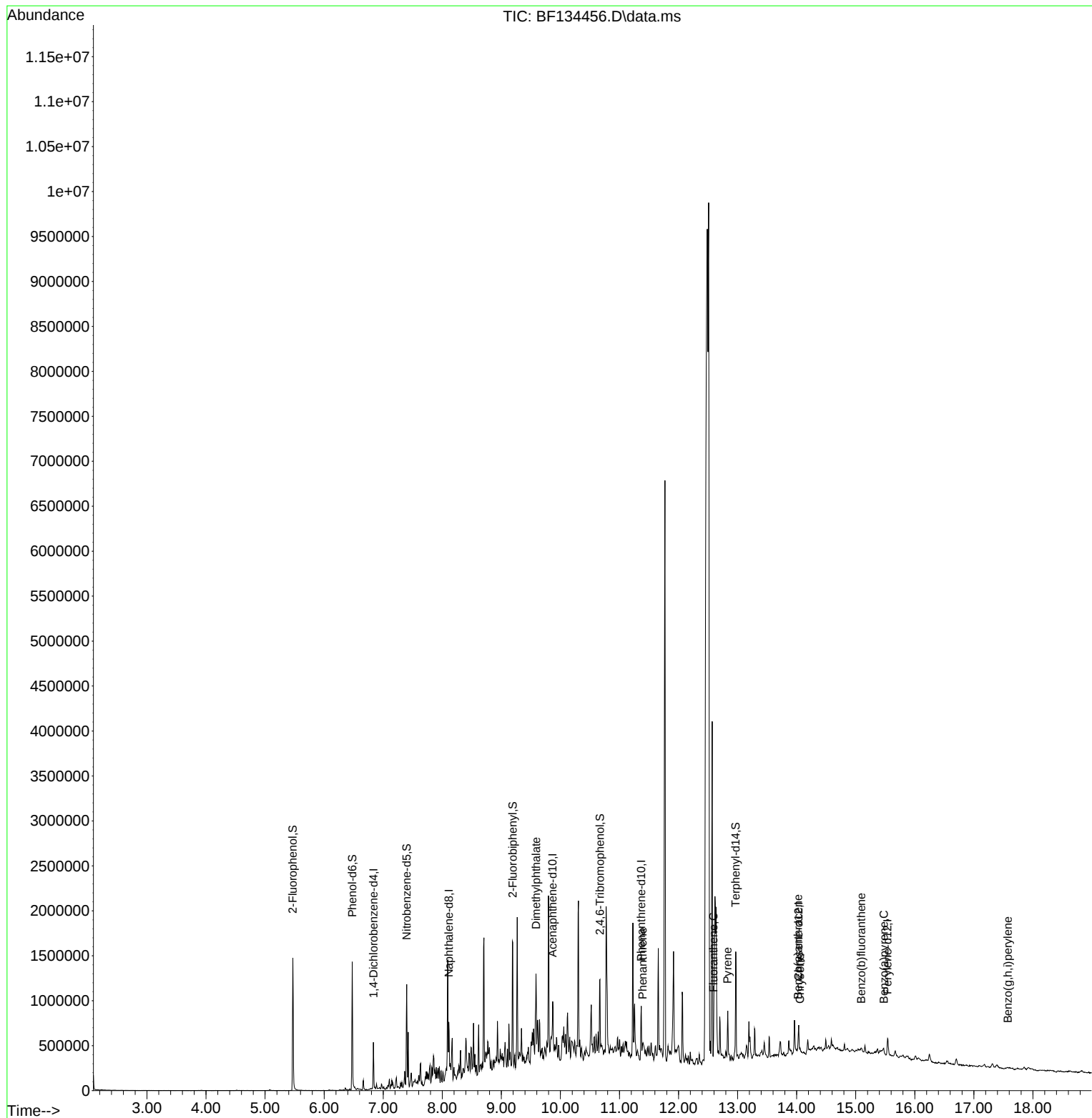
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
Sample : 03659-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

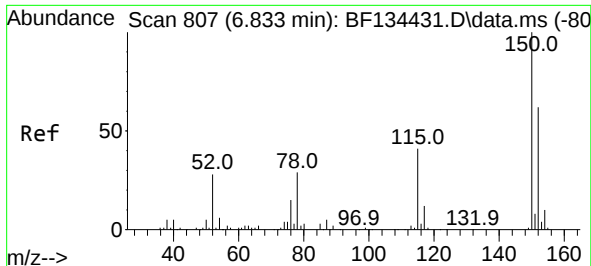
Instrument :
BNA_F
ClientSampleId :
HR-2-071823

Quant Time: Jul 25 06:44:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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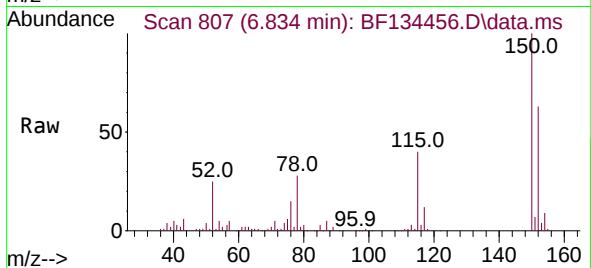
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

Instrument :

BNA_F

ClientSampleId :

HR-2-071823



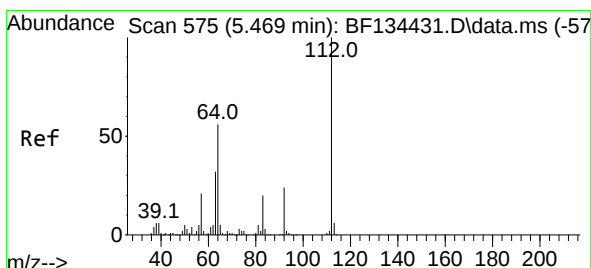
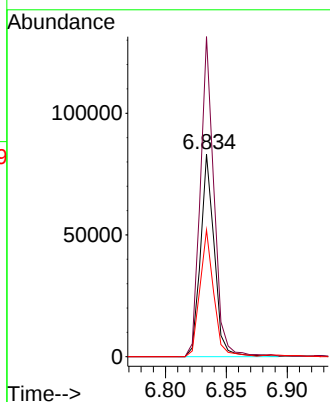
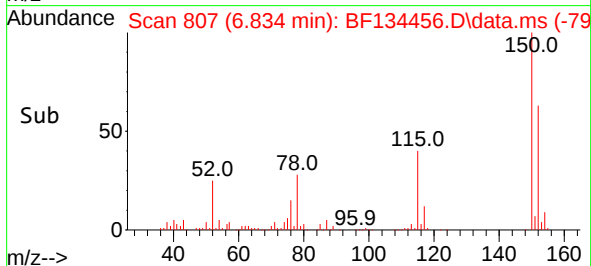
Tgt Ion:152 Resp: 65662
Ion Ratio Lower Upper
152 100
150 158.1 128.3 192.5
115 62.6 52.4 78.6

Manual Integrations

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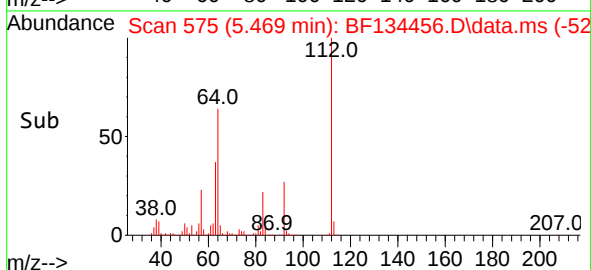
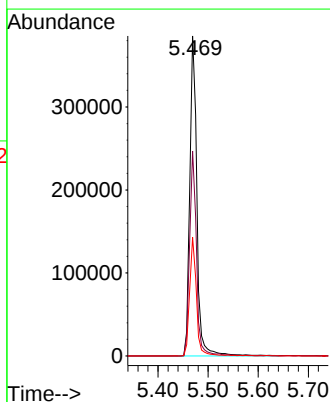
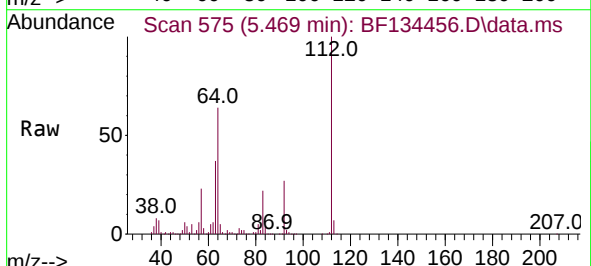
Reviewed By :Yogesh Patel 07/25/2023

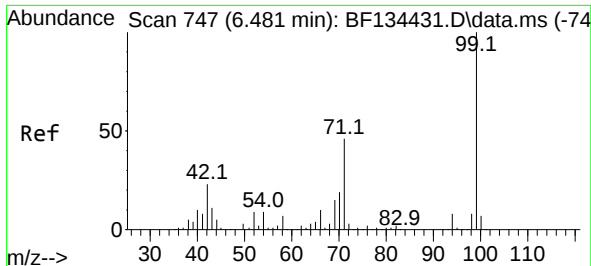
Supervised By :mohammad ahmed 07/25/2023



#5
2-Fluorophenol
Concen: 95.336 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

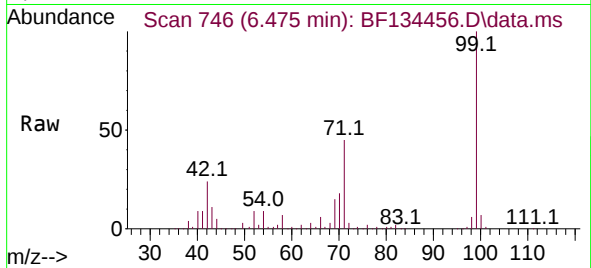
Tgt Ion:112 Resp: 378890
Ion Ratio Lower Upper
112 100
64 64.1 44.9 67.3
63 37.1 25.4 38.0





#7
Phenol-d6
Concen: 81.829 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

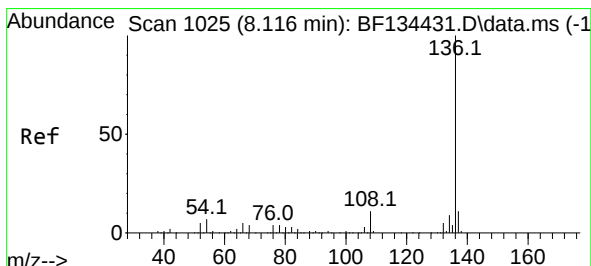
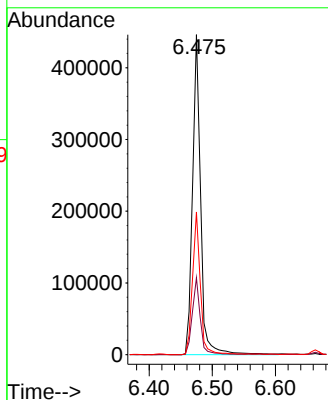
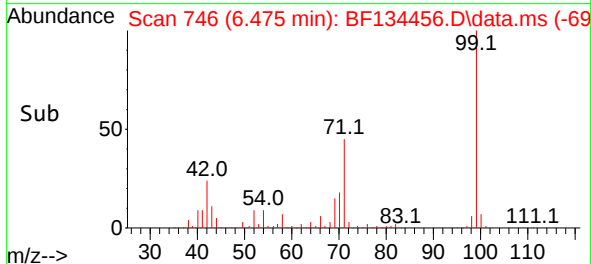
Instrument :
BNA_F
ClientSampleId :
HR-2-071823



Tgt Ion: 99 Resp: 39844
Ion Ratio Lower Upper
99 100
42 24.0 18.7 28.1
71 44.6 36.4 54.6

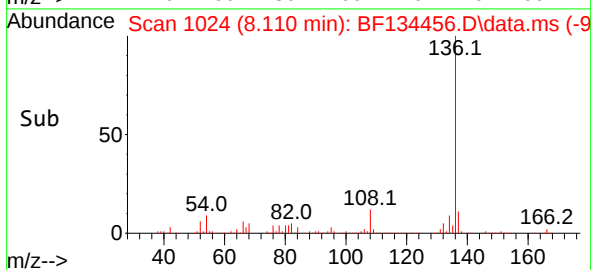
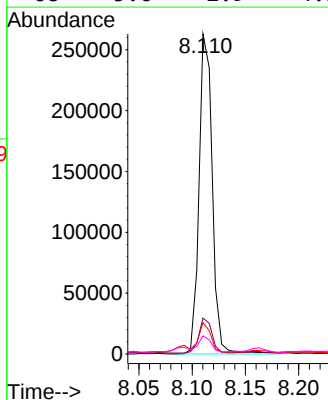
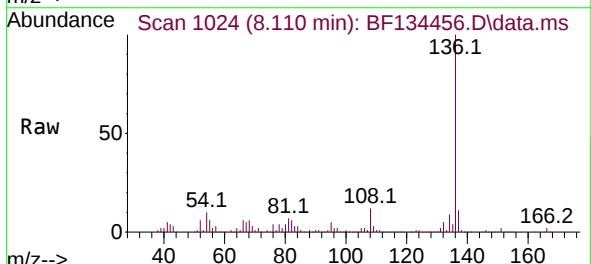
Manual Integrations
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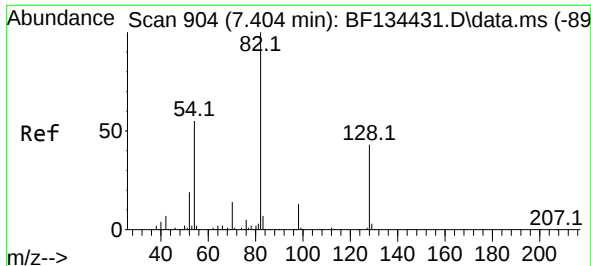
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

Tgt Ion:136 Resp: 228340
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.8 5.2 7.8#
68 5.6 2.9 4.3#





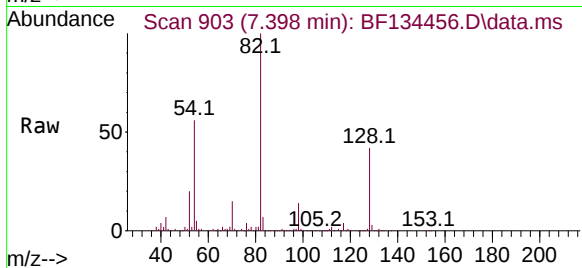
#23
Nitrobenzene-d5
Concen: 64.946 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

Instrument :

BNA_F

ClientSampleId :

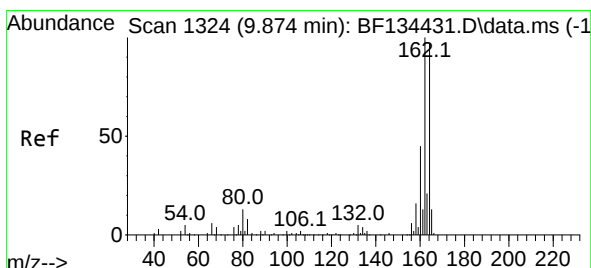
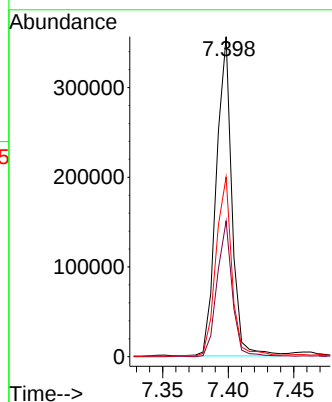
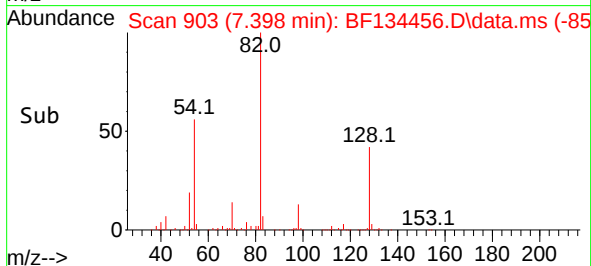
HR-2-071823



Tgt Ion: 82 Resp: 29311
Ion Ratio Lower Upper
82 100
128 42.4 34.3 51.5
54 56.1 43.8 65.6

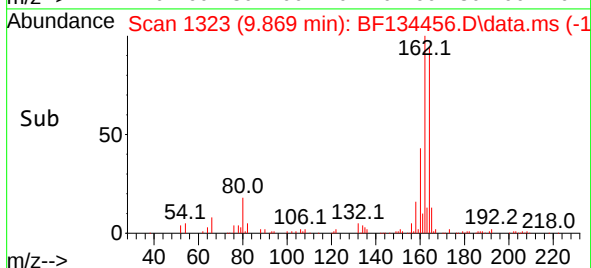
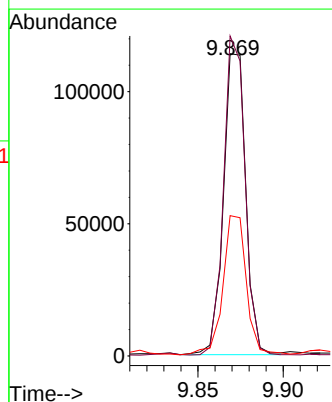
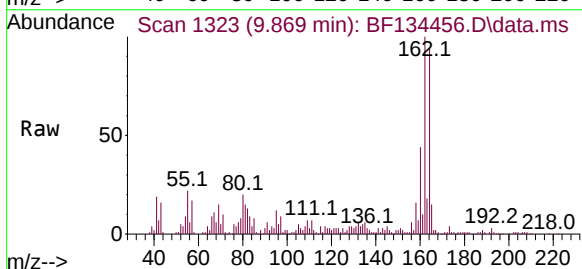
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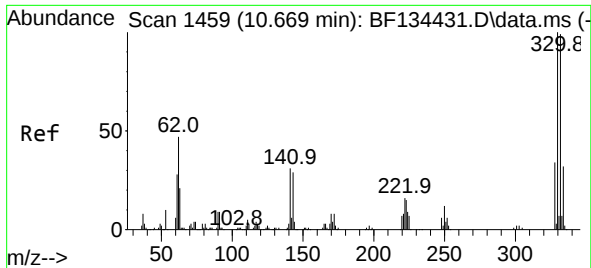
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

Tgt Ion:164 Resp: 104208
Ion Ratio Lower Upper
164 100
162 105.8 82.6 123.8
160 46.4 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 77.343 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

Instrument :

BNA_F

ClientSampleId :

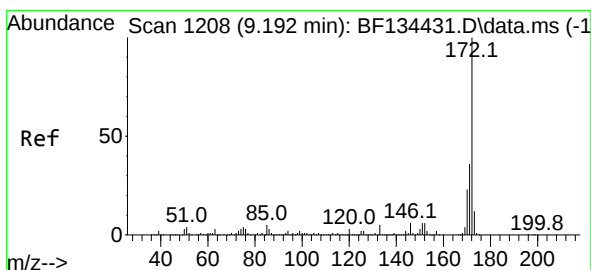
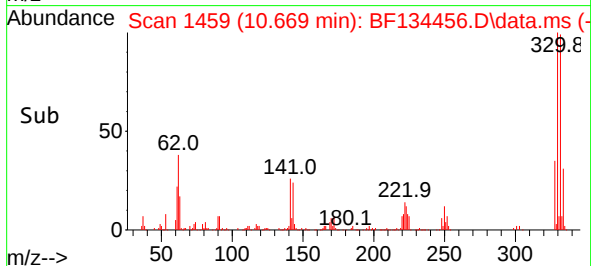
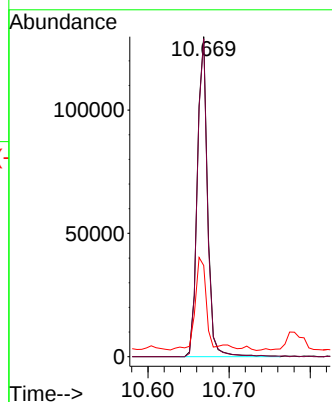
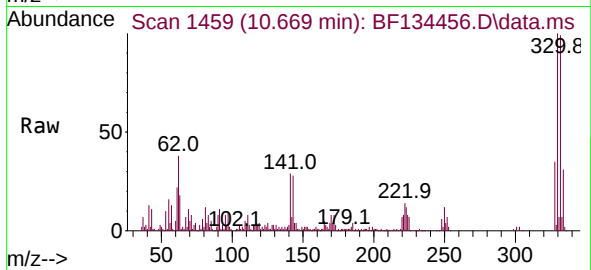
HR-2-071823

Tgt Ion:330 Resp: 114514
Ion Ratio Lower Upper
330 100
332 98.6 78.8 118.2
141 31.0 25.4 38.2

Manual Integrations

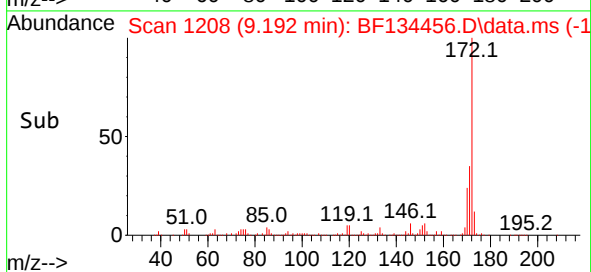
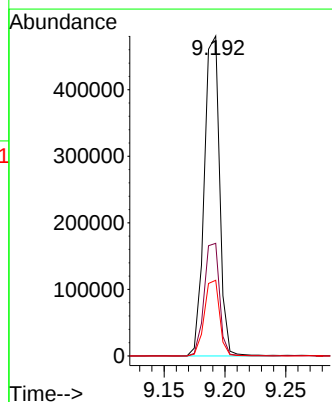
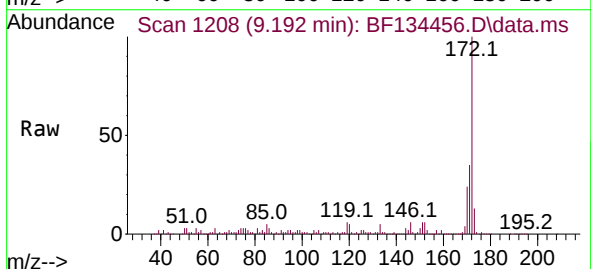
APPROVED

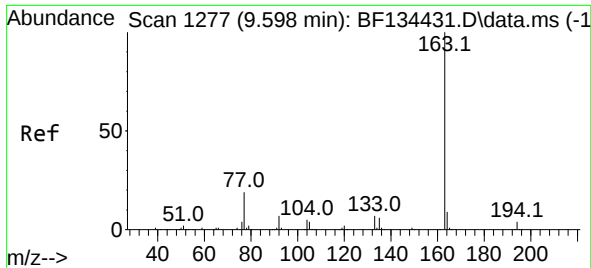
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#45
2-Fluorobiphenyl
Concen: 53.254 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

Tgt Ion:172 Resp: 422721
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.7 18.7 28.1





#50
Dimethylphthalate
Concen: 7.093 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

Instrument :

BNA_F

ClientSampleId :

HR-2-071823

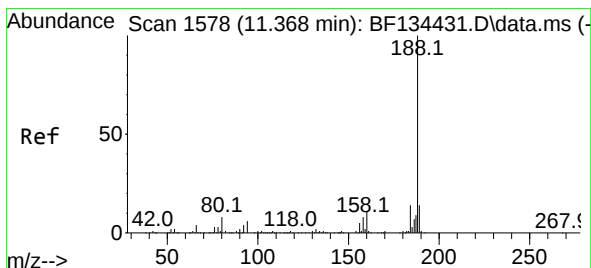
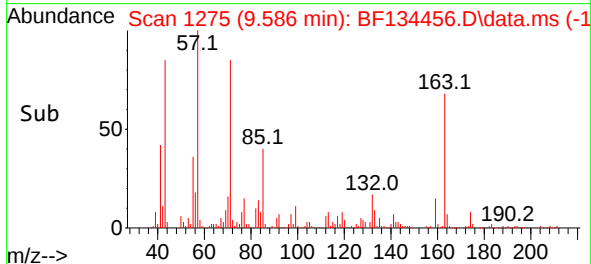
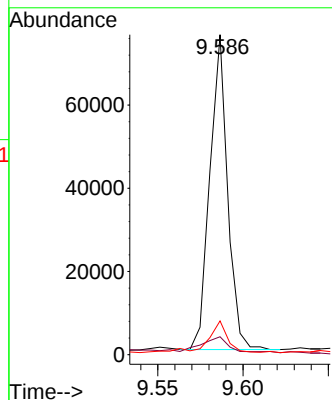
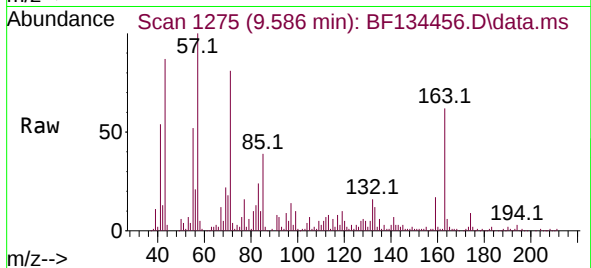
Tgt Ion:163 Resp: 54792
Ion Ratio Lower Upper
163 100
194 5.6 3.3 4.9
164 10.6 7.5 11.3

Manual Integrations

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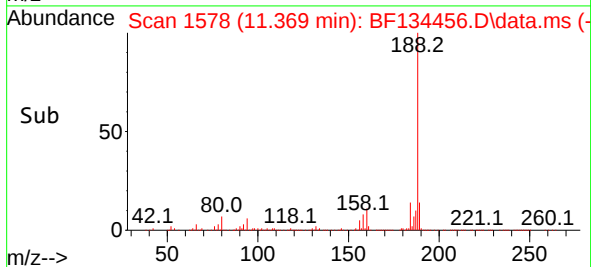
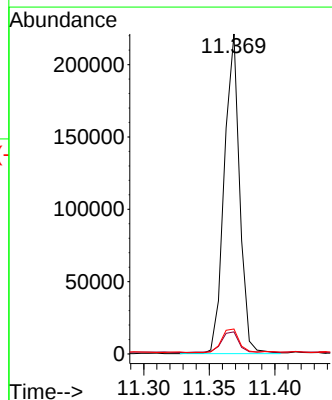
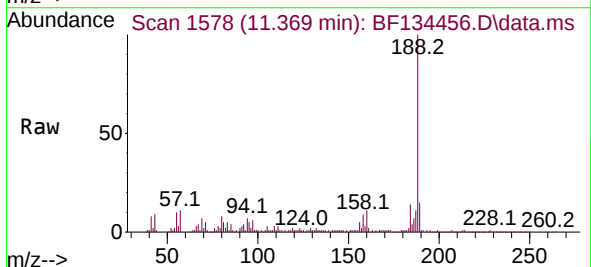
Reviewed By :Yogesh Patel 07/25/2023

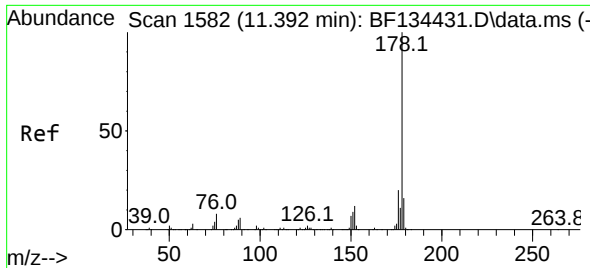
Supervised By :mohammad ahmed 07/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

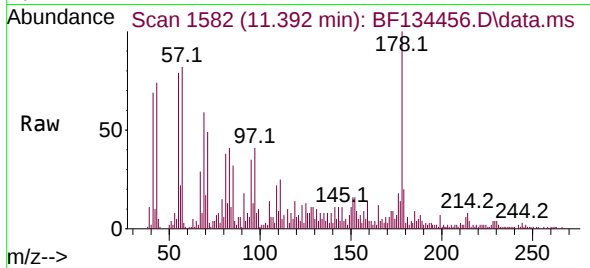
Tgt Ion:188 Resp: 179506
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 7.8 6.6 9.8





#71
Phenanthrene
Concen: 2.740 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

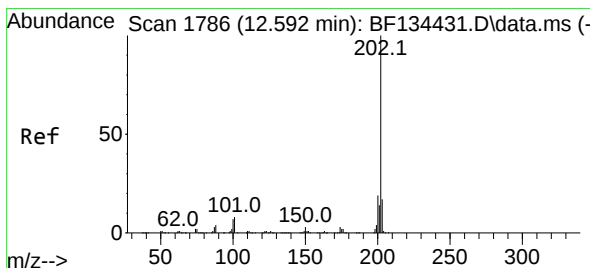
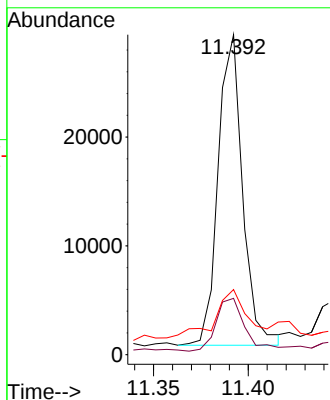
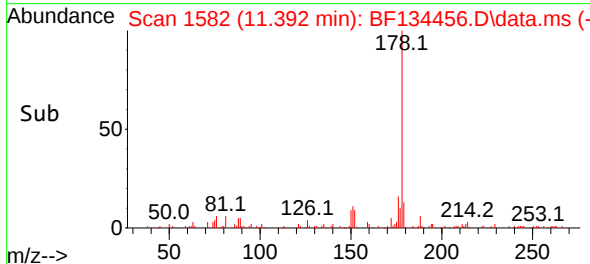
Instrument :
BNA_F
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HR-2-071823



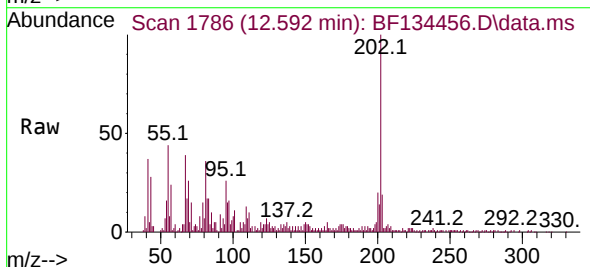
Tgt Ion:178 Resp: 25690
Ion Ratio Lower Upper
178 100
176 17.6 15.8 23.6
179 20.3 12.7 19.1

Manual Integrations
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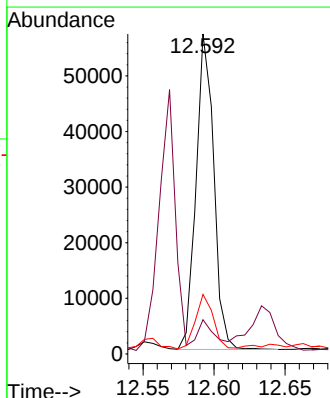
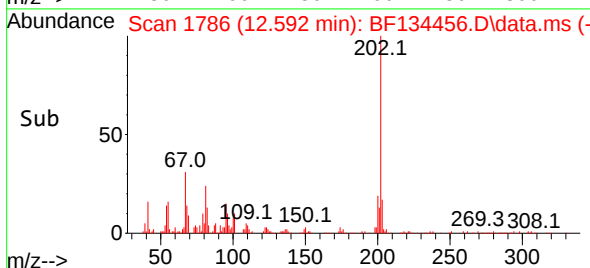
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

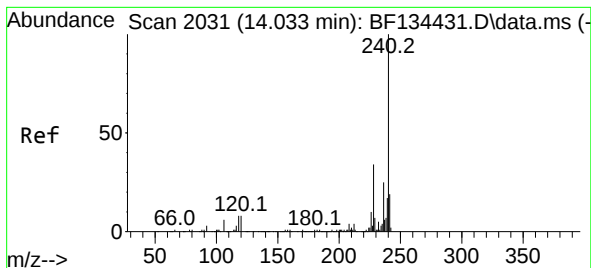


#75
Fluoranthene
Concen: 4.507 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47



Tgt Ion:202 Resp: 49263
Ion Ratio Lower Upper
202 100
101 10.7 0.0 28.5
203 18.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134456.D

Acq: 25 Jul 2023 05:47

Instrument :

BNA_F

ClientSampleId :

HR-2-071823

Tgt Ion:240 Resp: 101360

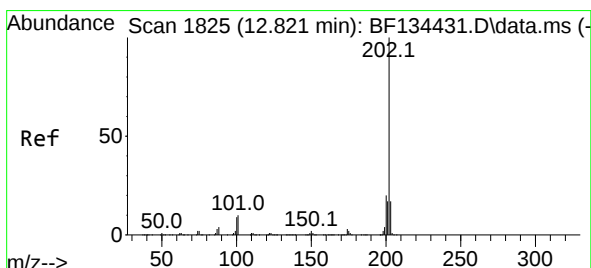
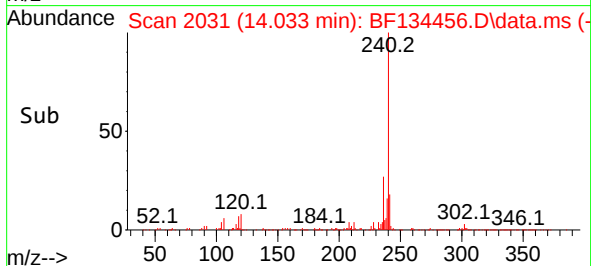
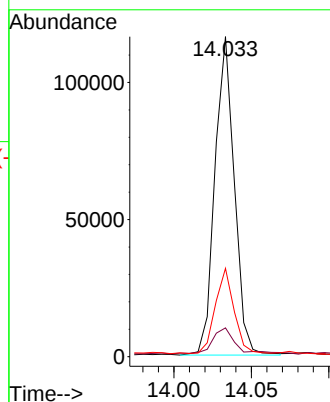
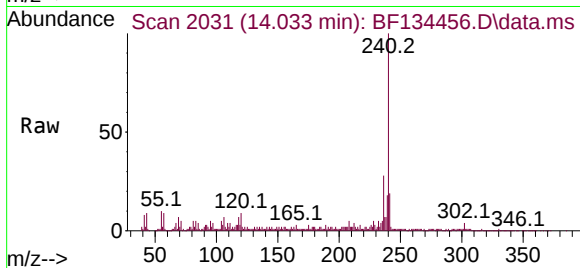
Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.6	10.0
236	27.6	20.2	30.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#78

Pyrene

Concen: 6.568 ng

RT: 12.827 min Scan# 1826

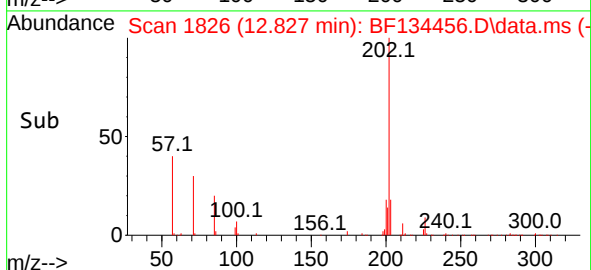
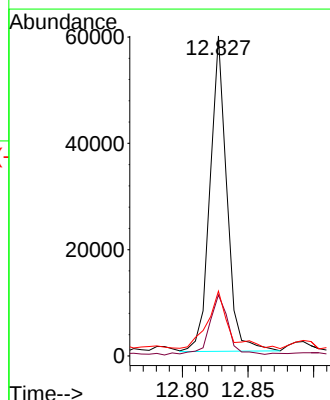
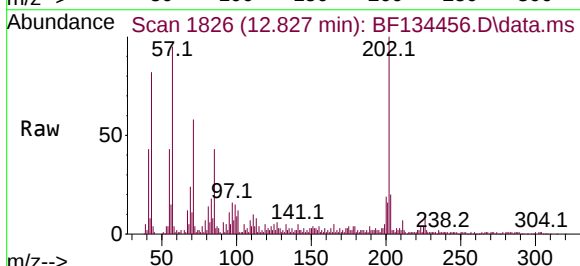
Delta R.T. 0.006 min

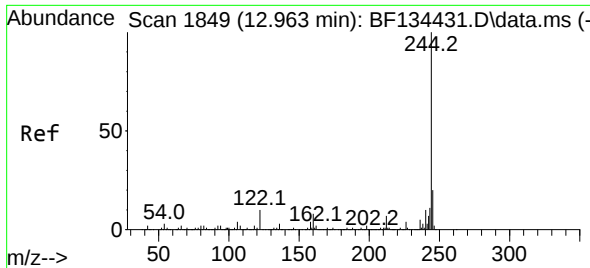
Lab File: BF134456.D

Acq: 25 Jul 2023 05:47

Tgt Ion:202 Resp: 52935

Ion	Ratio	Lower	Upper
202	100		
200	19.0	15.8	23.8
203	20.3	13.5	20.3





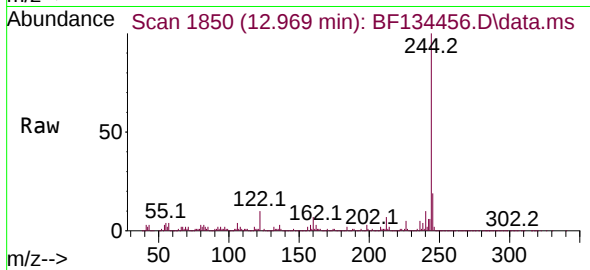
#79
 Terphenyl-d14
 Concen: 68.459 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF134456.D
 Acq: 25 Jul 2023 05:47

Instrument :

BNA_F

ClientSampleId :

HR-2-071823

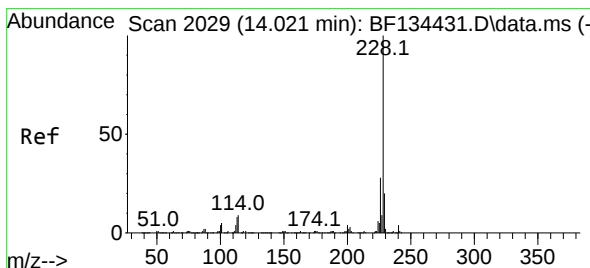
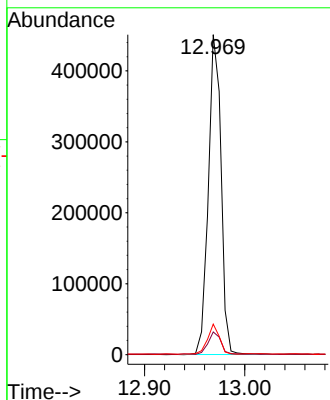
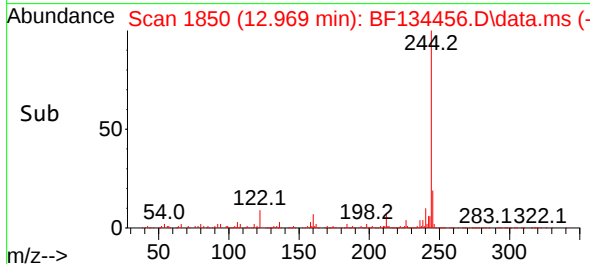


Tgt Ion:244 Resp: 39749
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 9.6 8.0 12.0

Manual Integrations

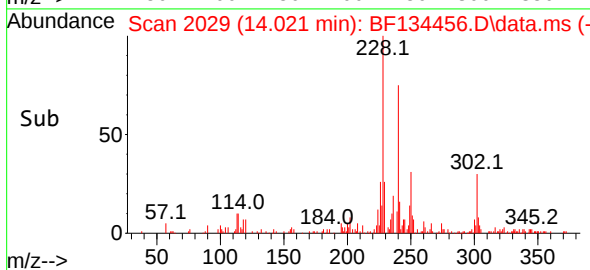
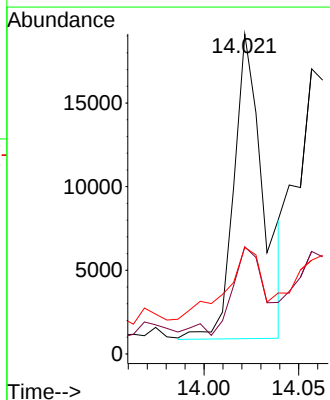
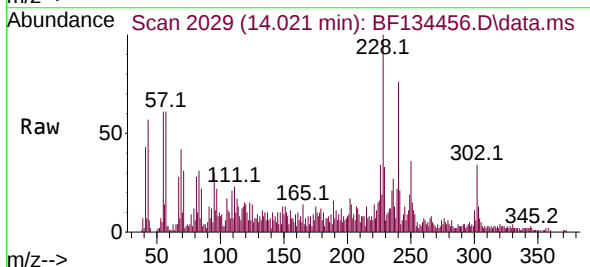
APPROVED

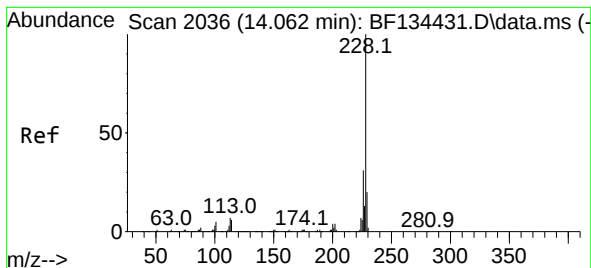
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023



#81
 Benzo(a)anthracene
 Concen: 2.786 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. 0.000 min
 Lab File: BF134456.D
 Acq: 25 Jul 2023 05:47

Tgt Ion:228 Resp: 19704
 Ion Ratio Lower Upper
 228 100
 226 33.5 22.3 33.5#
 229 33.3 15.8 23.6#





#83

Chrysene

Concen: 3.106 ng

RT: 14.057 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF134456.D

Acq: 25 Jul 2023 05:47

Instrument :

BNA_F

ClientSampleId :

HR-2-071823

Tgt Ion:228 Resp: 2101

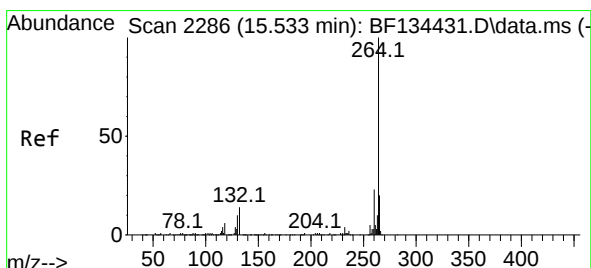
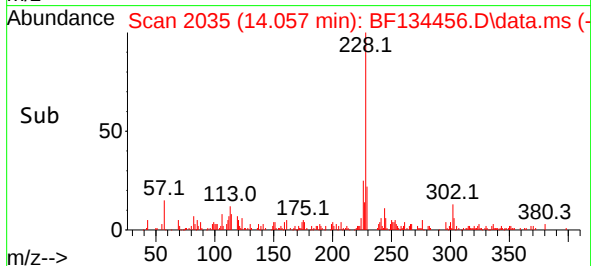
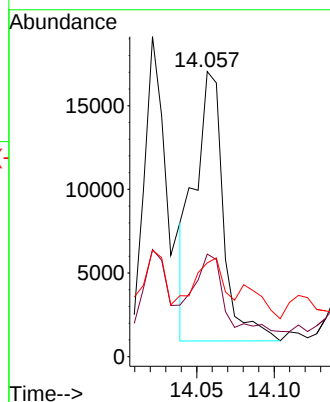
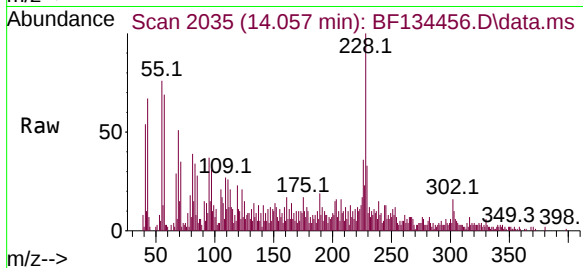
Ion	Ratio	Lower	Upper
228	100		
226	36.0	24.5	36.7
229	32.9	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

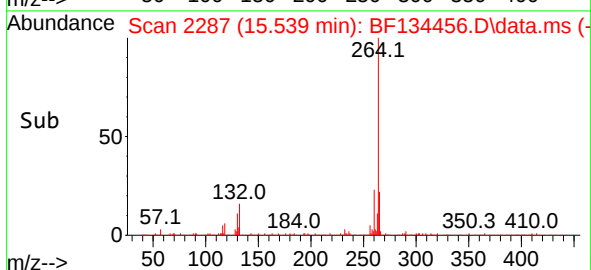
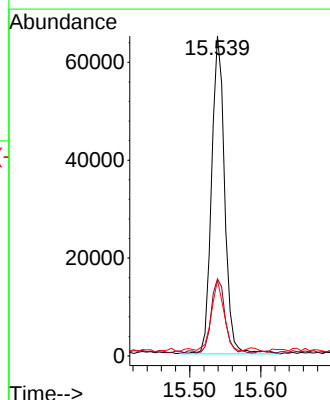
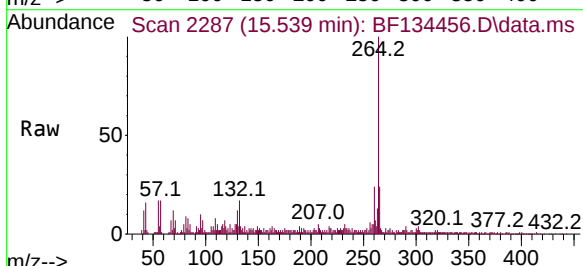
Delta R.T. 0.006 min

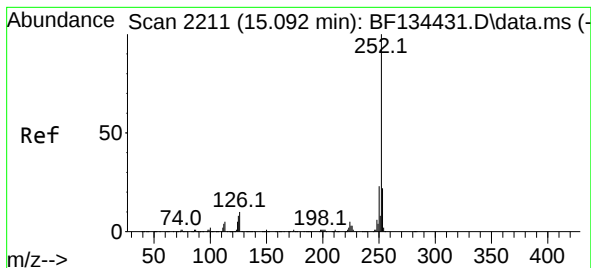
Lab File: BF134456.D

Acq: 25 Jul 2023 05:47

Tgt Ion:264 Resp: 83090

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	23.7	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 3.749 ng m

RT: 15.092 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF134456.D

Acq: 25 Jul 2023 05:47

Instrument :

BNA_F

ClientSampleId :

HR-2-071823

Tgt Ion:252 Resp: 19490

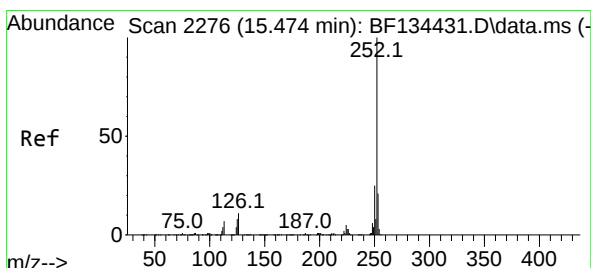
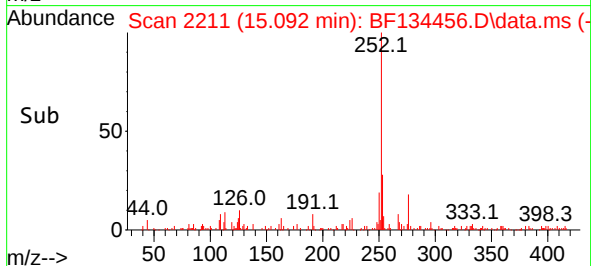
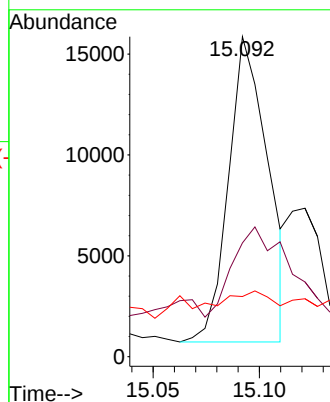
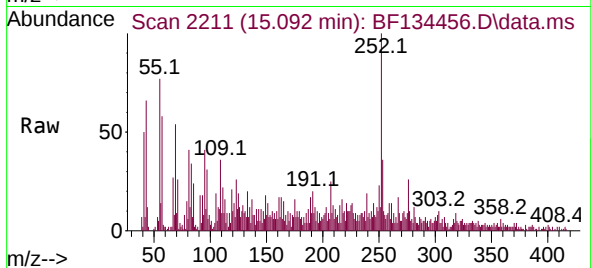
Ion	Ratio	Lower	Upper
252	100		
253	35.5	17.3	25.9
125	18.8	6.0	9.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#90

Benzo(a)pyrene

Concen: 2.650 ng

RT: 15.474 min Scan# 2276

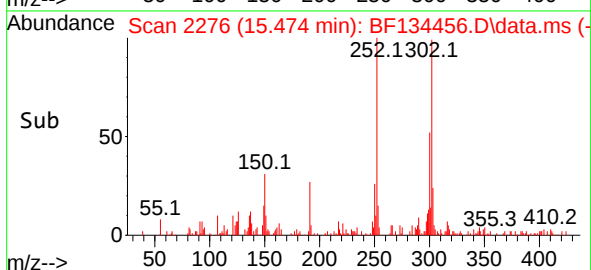
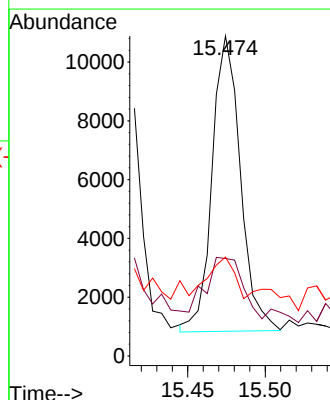
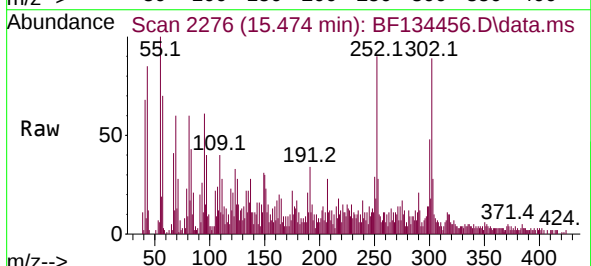
Delta R.T. 0.000 min

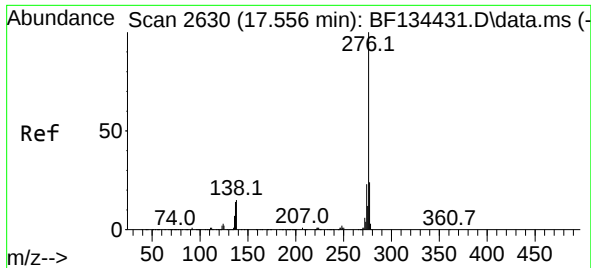
Lab File: BF134456.D

Acq: 25 Jul 2023 05:47

Tgt Ion:252 Resp: 12731

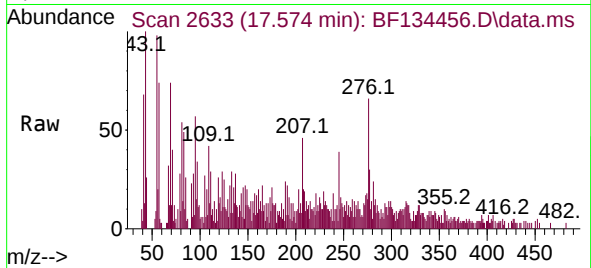
Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.0	25.4
125	30.9	6.2	9.4





#92
Benzo(g,h,i)perylene
Concen: 2.097 ng
RT: 17.574 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF134456.D
Acq: 25 Jul 2023 05:47

Instrument :
BNA_F
ClientSampleId :
HR-2-071823



Tgt Ion:276 Resp: 9438
Ion Ratio Lower Upper
276 100
277 45.7 19.0 28.6
138 17.5 12.2 18.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

